

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118964.D
 Acq On : 20 Feb 2020 17:35
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 18:14:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	186758	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	685165	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	381403	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	698307	20.00	ng	0.00
76) Chrysene-d12	13.91	240	542058	20.00	ng	0.00
87) Perylene-d12	15.33	264	566621	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	859957	76.95	ng	0.00
7) Phenol-d6	6.40	99	1045383	76.92	ng	0.00
23) Nitrobenzene-d5	7.33	82	976673	75.26	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	374342	75.03	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1871729	72.30	ng	0.00
79) Terphenyl-d14	12.86	244	2278060	72.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	188226	37.830	ng	99
3) Pyridine	3.18	79	537234	39.536	ng	99
4) n-Nitrosodimethylamine	3.13	42	158695	38.552	ng	98
6) Aniline	6.42	93	652939	38.934	ng	# 80
8) 2-Chlorophenol	6.55	128	466342	38.668	ng	100
9) Benzaldehyde	6.31	77	353507	38.931	ng	99
10) Phenol	6.42	94	574672	39.108	ng	99
11) bis(2-Chloroethyl)ether	6.50	93	433841	38.586	ng	99
12) 1,3-Dichlorobenzene	6.70	146	559370	38.698	ng	99
13) 1,4-Dichlorobenzene	6.78	146	559124	38.654	ng	98
14) 1,2-Dichlorobenzene	6.93	146	516693	39.167	ng	100
15) Benzyl Alcohol	6.90	79	384279	39.121	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	376281	38.634	ng	100
17) 2-Methylphenol	7.02	107	377209	38.578	ng	99
18) Hexachloroethane	7.27	117	200076	38.662	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	304528	38.453	ng	100
20) 3+4-Methylphenols	7.17	107	447957	37.394	ng	98
22) Acetophenone	7.17	105	595109	37.539	ng	99
24) Nitrobenzene	7.35	77	481392	37.513	ng	98
25) Isophorone	7.59	82	844131	37.456	ng	99
26) 2-Nitrophenol	7.66	139	258273	37.985	ng	98
27) 2,4-Dimethylphenol	7.70	122	346317	37.529	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	549763	37.478	ng	100
29) 2,4-Dichlorophenol	7.90	162	412946	38.013	ng	99
30) 1,2,4-Trichlorobenzene	7.99	180	486619	37.781	ng	98
31) Naphthalene	8.06	128	1339498	37.696	ng	99
32) Benzoic acid	7.84	122	248821	38.491	ng	95
33) 4-Chloroaniline	8.12	127	557684	36.490	ng	100
34) Hexachlorobutadiene	8.19	225	303238	37.796	ng	98
35) Caprolactam	8.49	113	130993	39.161	ng	100
36) 4-Chloro-3-methylphenol	8.60	107	415102	37.756	ng	98
37) 2-Methylnaphthalene	8.76	142	912091	38.142	ng	99
38) 1-Methylnaphthalene	8.85	142	862272	38.342	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	479639	37.299	ng	100

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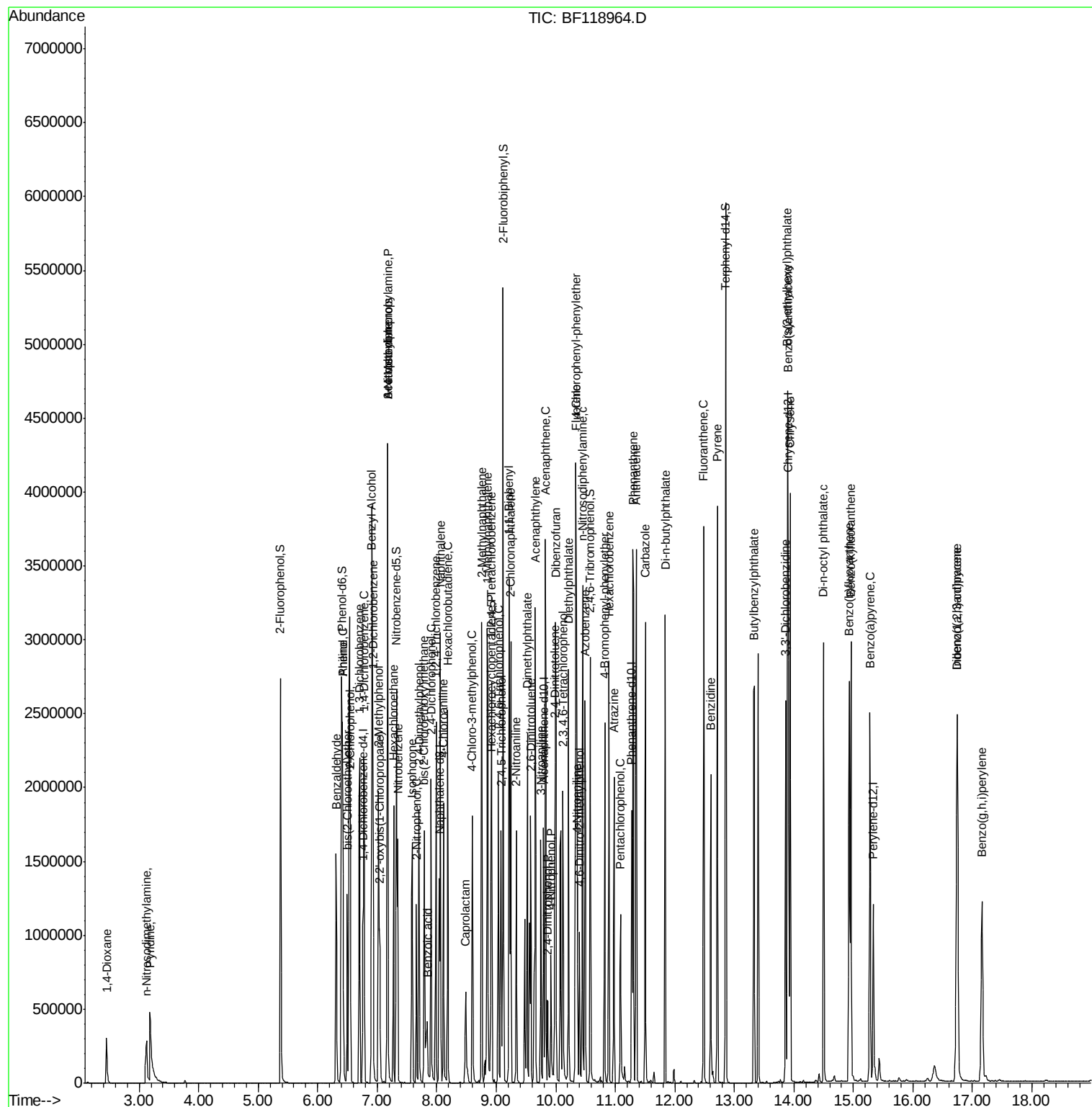
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	140357	35.859	ng	96
43) 2,4,6-Trichlorophenol	9.03	196	303766	37.407	ng	99
44) 2,4,5-Trichlorophenol	9.08	196	315704	37.048	ng	99
46) 1,1'-Biphenyl	9.22	154	1151274	37.349	ng	98
47) 2-Chloronaphthalene	9.25	162	932537	37.541	ng	99
48) 2-Nitroaniline	9.34	65	259422	37.443	ng	98
49) Acenaphthylene	9.66	152	1347446	37.557	ng	100
50) Dimethylphthalate	9.52	163	1095203	37.552	ng	100
51) 2,6-Dinitrotoluene	9.58	165	245365	37.867	ng	99
52) Acenaphthene	9.83	154	820394	37.923	ng	100
53) 3-Nitroaniline	9.75	138	267954	37.302	ng	97
54) 2,4-Dinitrophenol	9.86	184	101432	36.674	ng	98
55) Dibenzofuran	10.00	168	1232158	38.160	ng	99
56) 4-Nitrophenol	9.92	139	162461	37.642	ng	94
57) 2,4-Dinitrotoluene	9.99	165	326115	38.829	ng	99
58) Fluorene	10.35	166	943857	37.618	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	267293	37.174	ng	98
60) Diethylphthalate	10.22	149	1055785	38.414	ng	100
61) 4-Chlorophenyl-phenylether	10.33	204	497600	37.467	ng	99
62) 4-Nitroaniline	10.36	138	277906	37.813	ng	98
63) Azobenzene	10.49	77	907939	38.005	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	164638	38.963	ng	98
66) n-Nitrosodiphenylamine	10.45	169	854090	37.353	ng	99
67) 4-Bromophenyl-phenylether	10.82	248	348159	38.143	ng	98
68) Hexachlorobenzene	10.89	284	399613	37.972	ng	99
69) Atrazine	10.98	200	304988	38.177	ng	100
70) Pentachlorophenol	11.09	266	162530	38.339	ng	99
71) Phenanthrene	11.30	178	1453473	38.167	ng	99
72) Anthracene	11.35	178	1448960	38.080	ng	100
73) Carbazole	11.50	167	1291184	38.090	ng	100
74) Di-n-butylphthalate	11.84	149	1601607	39.015	ng	100
75) Fluoranthene	12.49	202	1565553	38.729	ng	100
77) Benzidine	12.60	184	790533	35.860	ng	96
78) Pyrene	12.72	202	1568464	36.035	ng	99
80) Butylbenzylphthalate	13.33	149	689165	37.620	ng	92
81) Benzo(a)anthracene	13.90	228	1393591	37.732	ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	543290	37.882	ng	99
83) Chrysene	13.94	228	1369746	37.220	ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	896329	38.729	ng	100
85) Di-n-octyl phthalate	14.50	149	1509713	40.942	ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1331435	37.364	ng	99
88) Benzo(b)fluoranthene	14.93	252	1468480	39.318	ng	99
89) Benzo(k)fluoranthene	14.96	252	1281121	37.014	ng	99
90) Benzo(a)pyrene	15.28	252	1245935	36.963	ng	99
91) Dibenzo(a,h)anthracene	16.75	278	1096092	36.956	ng	98
92) Benzo(g,h,i)perylene	17.16	276	1053429	35.947	ng	98

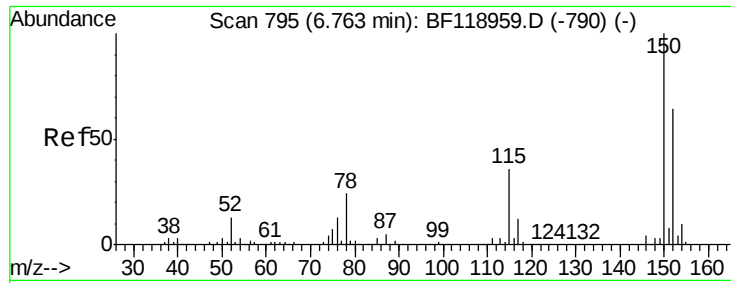
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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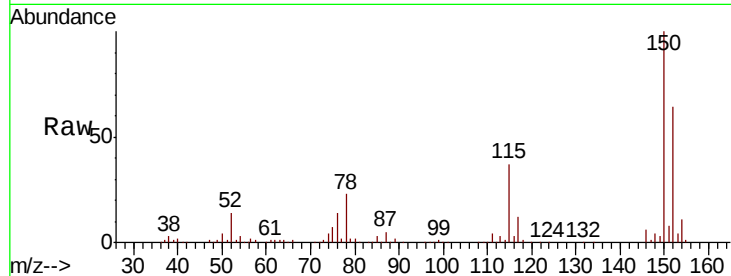


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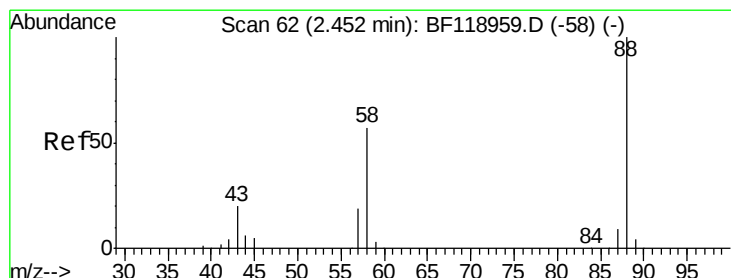
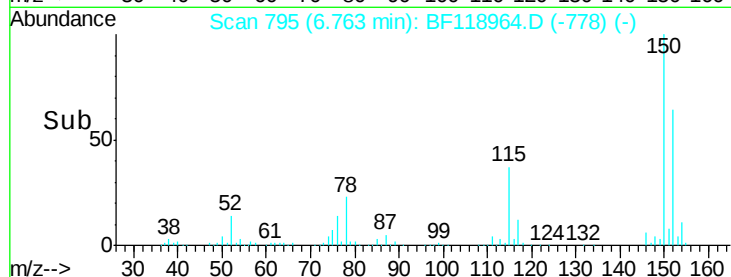
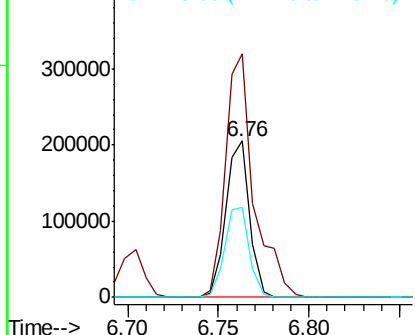
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 186758
Ion Ratio Lower Upper
152 100
150 155.7 124.3 186.5
115 57.9 44.6 67.0



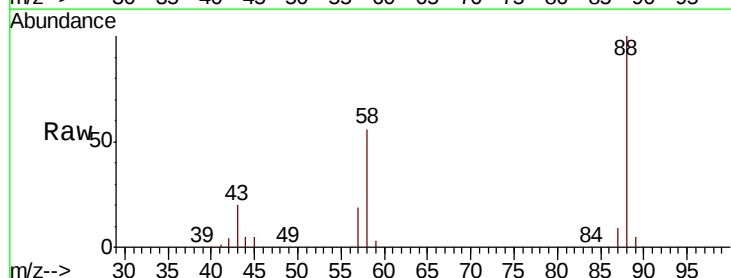
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



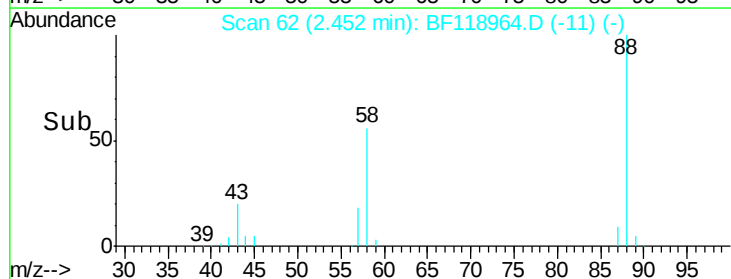
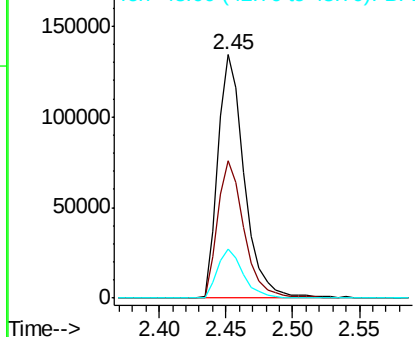
#2

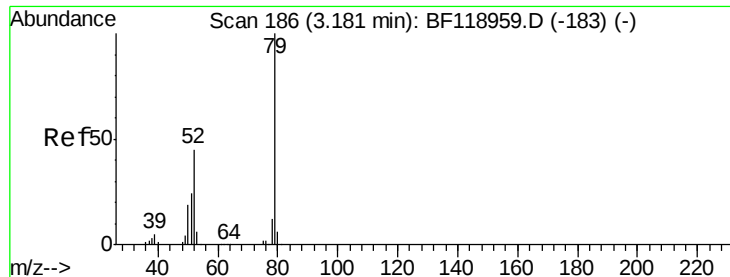
1,4-Dioxane
Concen: 37.830 ng
RT: 2.45 min Scan# 62
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion: 88 Resp: 188226
Ion Ratio Lower Upper
88 100
58 56.6 44.6 66.8
43 19.8 16.0 24.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

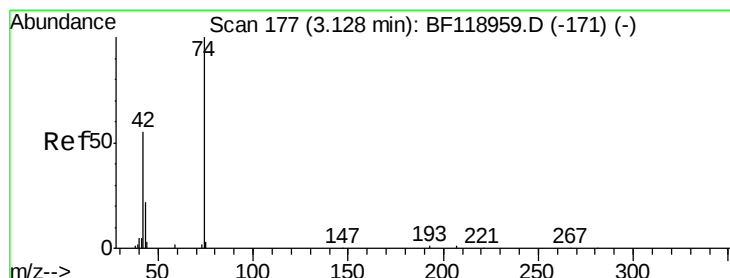
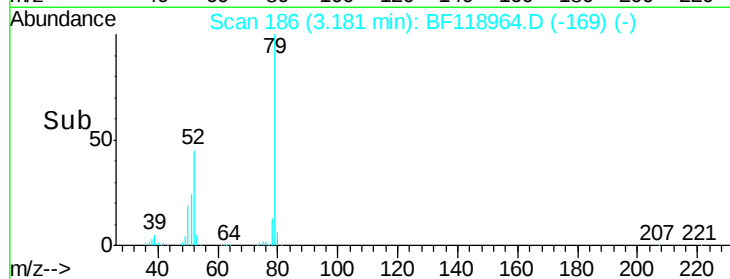
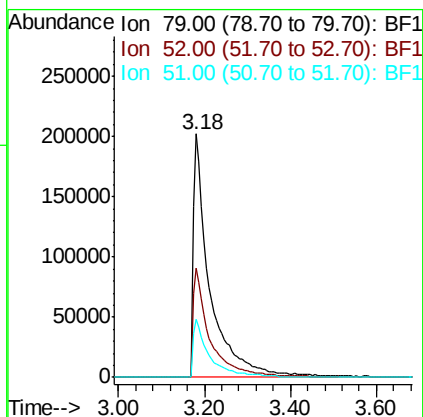
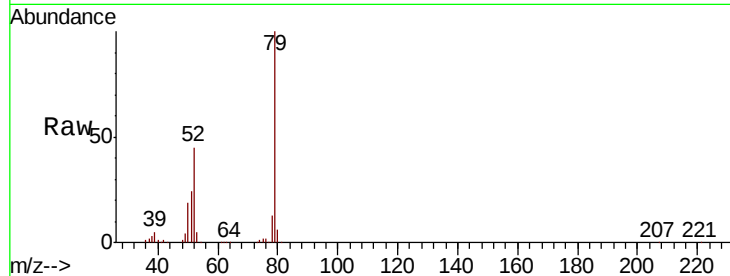




#3
Pvridine
Concen: 39.536 ng
RT: 3.18 min Scan# 186
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

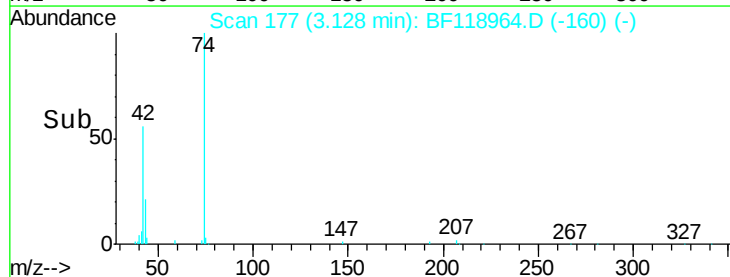
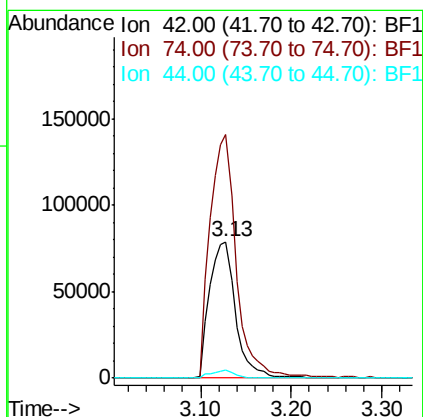
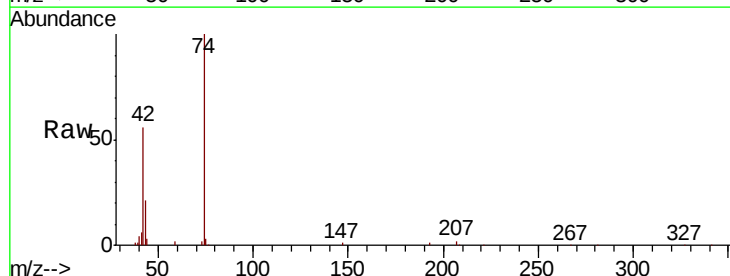
Instrument :
BNA_F
ClientSampled :

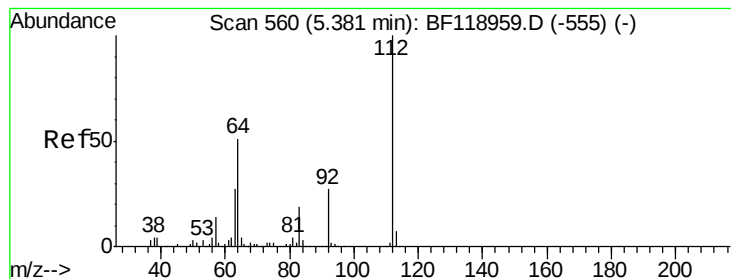
Tot Ion	Ratio	Lower	Upper
79	100		
52	45.0	36.3	54.5
51	24.0	19.5	29.3



#4
n-Nitrosodimethylamine
Concen: 38.552 ng
RT: 3.13 min Scan# 177
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	178.1	144.4	216.6
44	5.9	4.5	6.7





#5

2-Fluorophenol

Concen: 76.952 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampled :

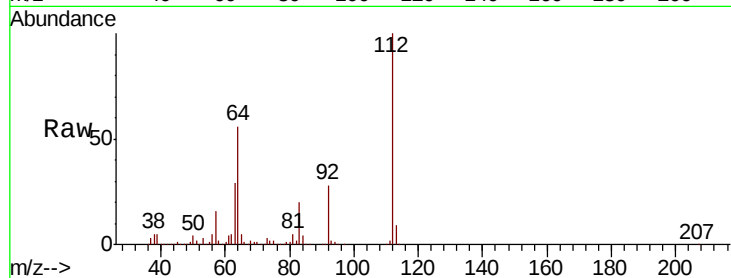
Tot Ion:112 Resp: 859957

Ion Ratio Lower Upper

112 100

64 55.8 40.4 60.6

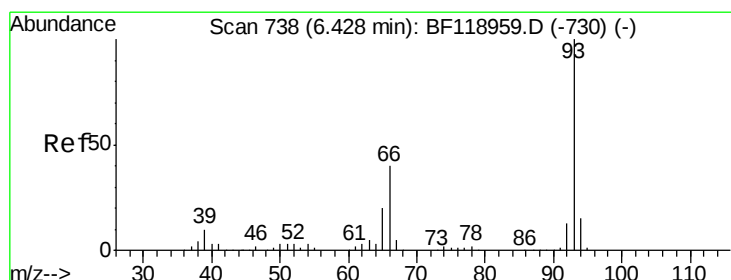
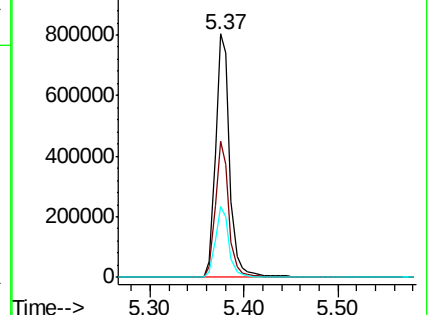
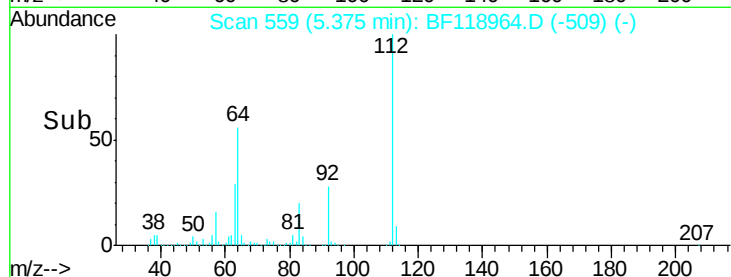
63 29.3 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.934 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

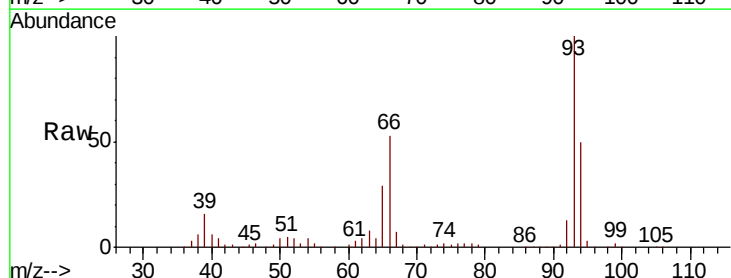
Tgt Ion: 93 Resp: 652939

Ion Ratio Lower Upper

93 100

66 53.5 32.2 48.2#

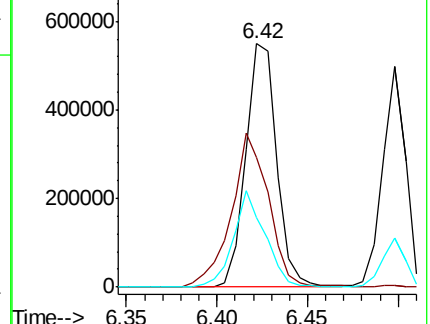
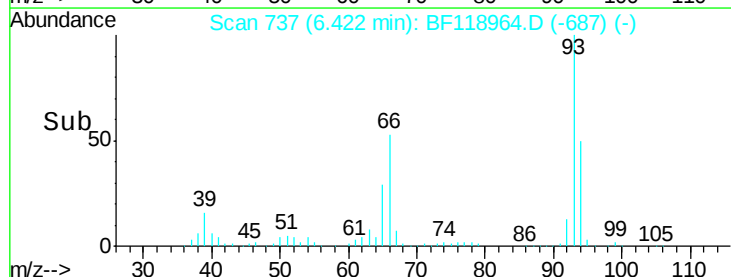
65 28.6 16.1 24.1#

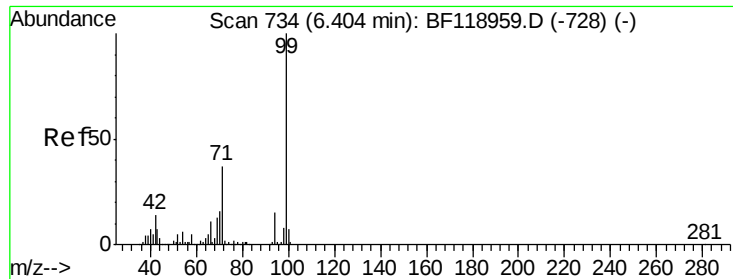


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.916 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampled :

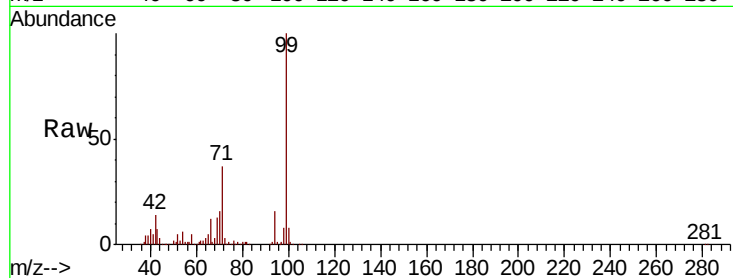
Tot Ion: 99 Resp: 1045383

Ion Ratio Lower Upper

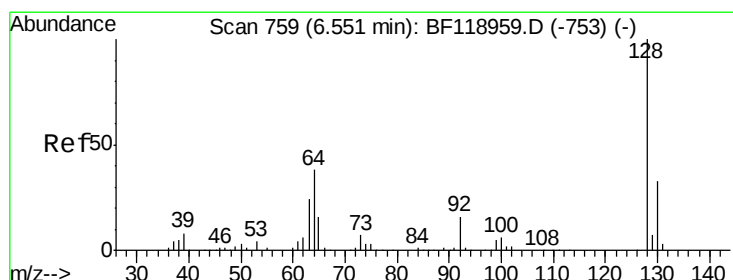
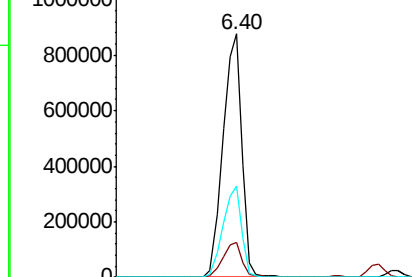
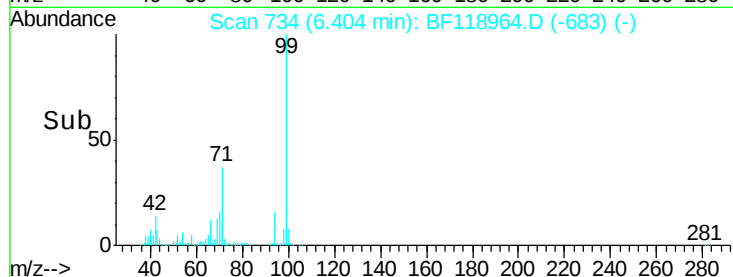
99 100

42 14.5 11.4 17.0

71 37.4 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.668 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

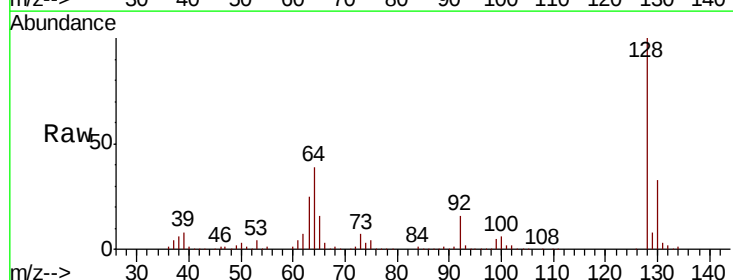
Tgt Ion: 128 Resp: 466342

Ion Ratio Lower Upper

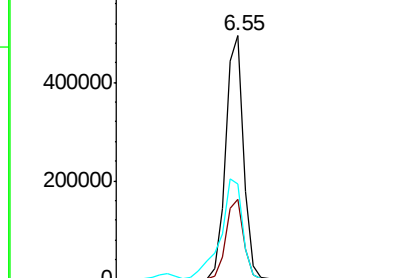
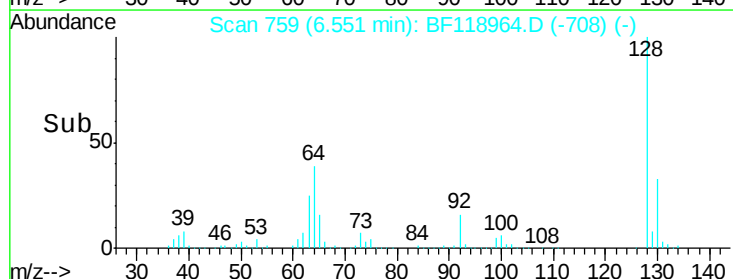
128 100

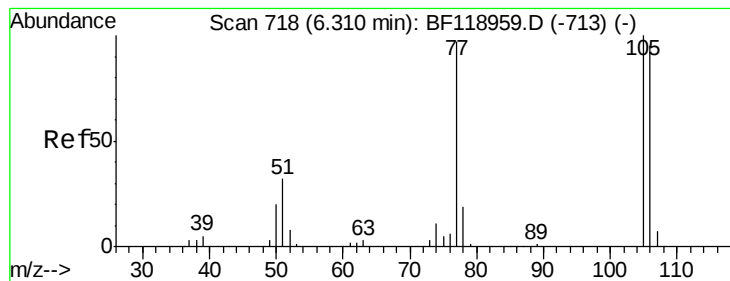
130 32.5 12.7 52.7

64 39.1 18.7 58.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.931 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

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Acq: 20 Feb 2020 17:35

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ClientSampleId :

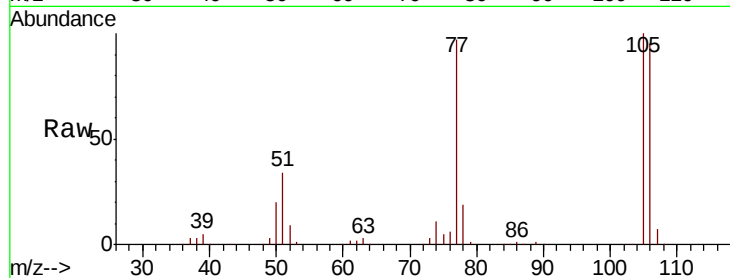
Tot Ion: 77 Resp: 353507

Ion Ratio Lower Upper

77 100

105 102.6 83.0 123.0

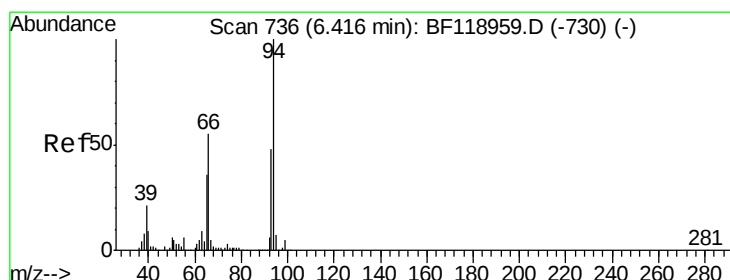
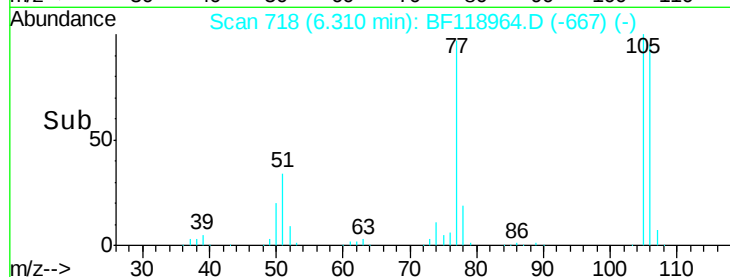
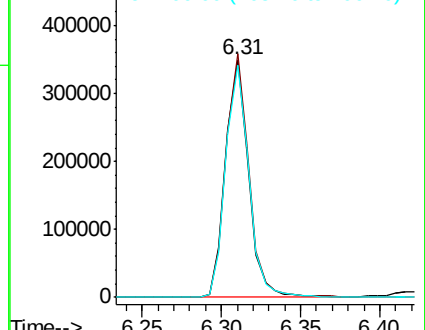
106 97.5 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.108 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

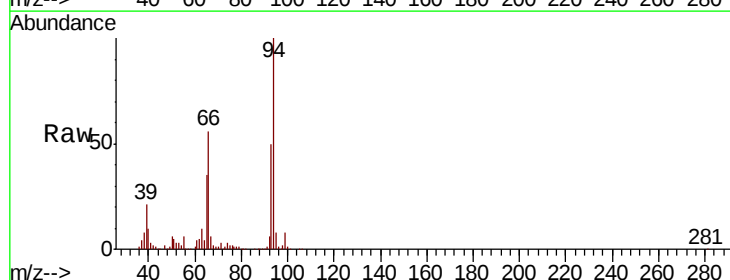
Tgt Ion: 94 Resp: 574672

Ion Ratio Lower Upper

94 100

65 34.8 15.5 55.5

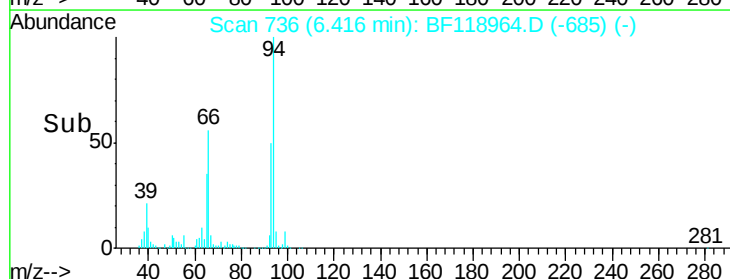
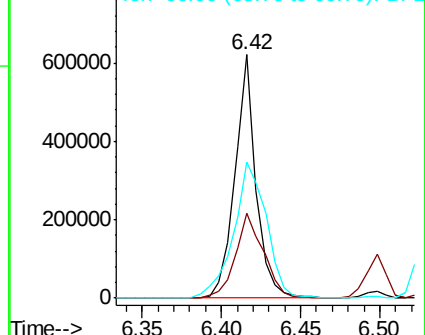
66 56.2 35.6 75.6

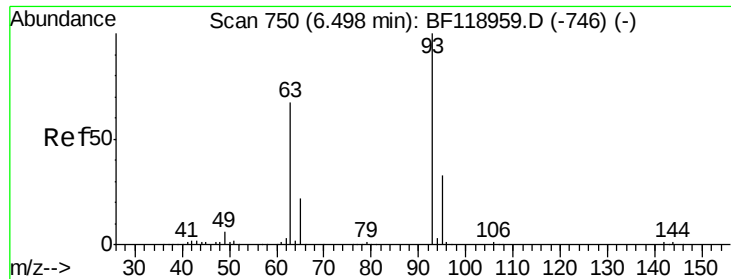


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



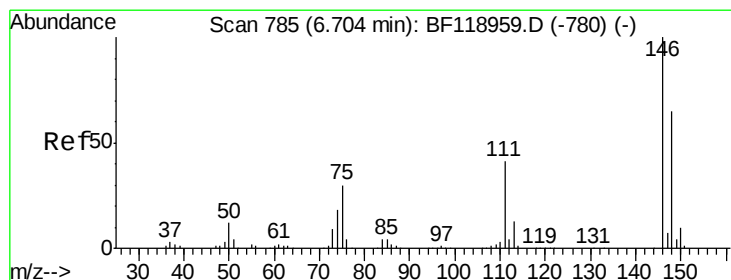
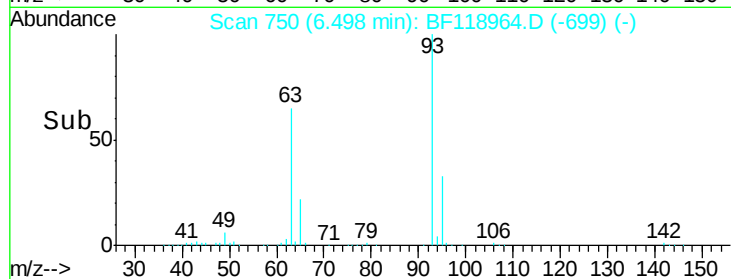
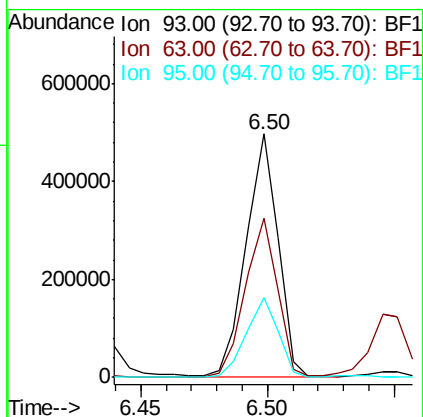
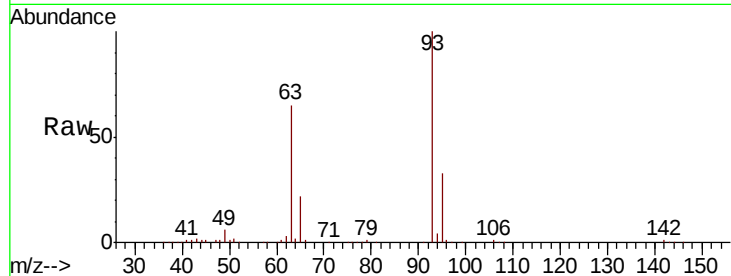


#11
bis(2-Chloroethyl)ether
Concen: 38.586 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 433841

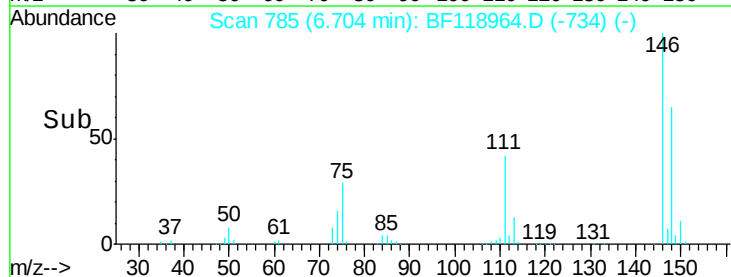
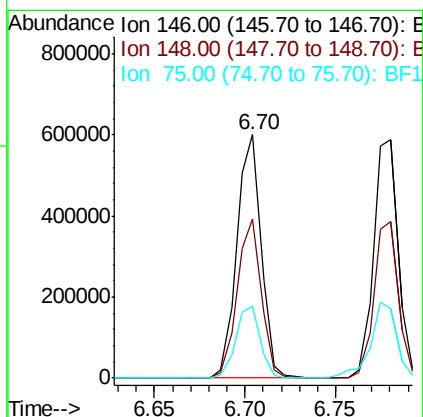
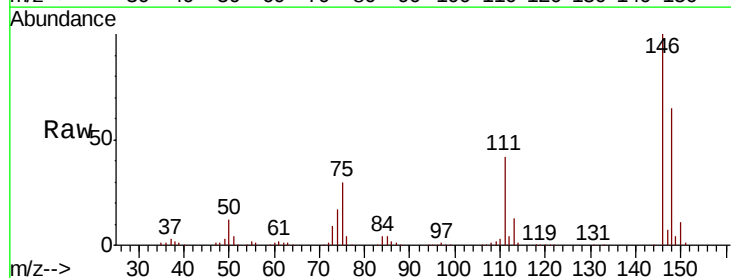
Ion	Ratio	Lower	Upper
93	100		
63	65.4	46.8	86.8
95	32.9	12.7	52.7

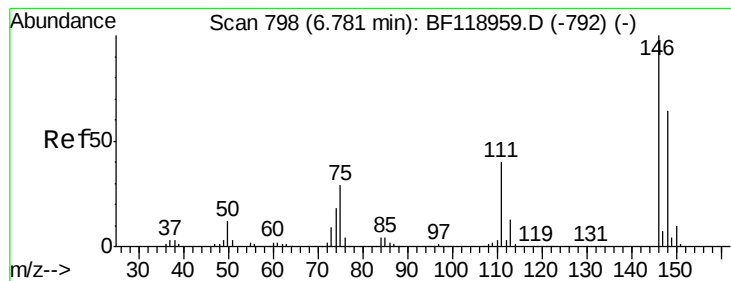


#12
1,3-Dichlorobenzene
Concen: 38.698 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion: 146 Resp: 559370

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.7	77.5
75	29.7	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 38.654 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

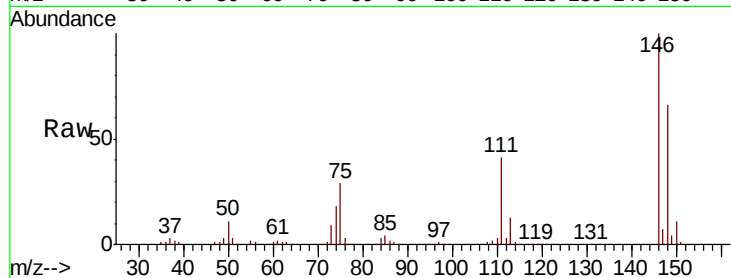
Tot Ion:146 Resp: 559124

Ion Ratio Lower Upper

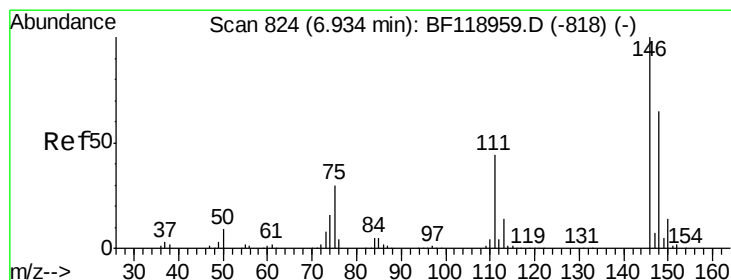
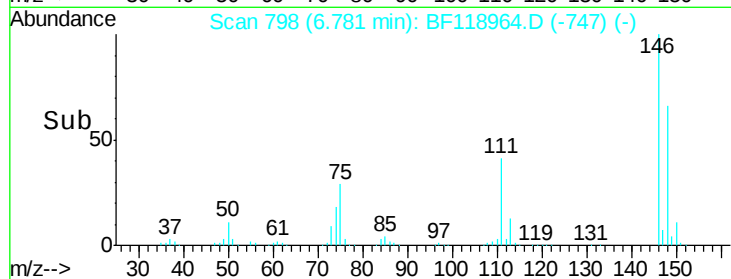
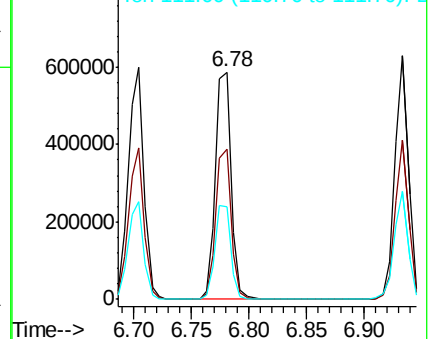
146 100

148 65.9 51.4 77.2

111 40.7 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.167 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

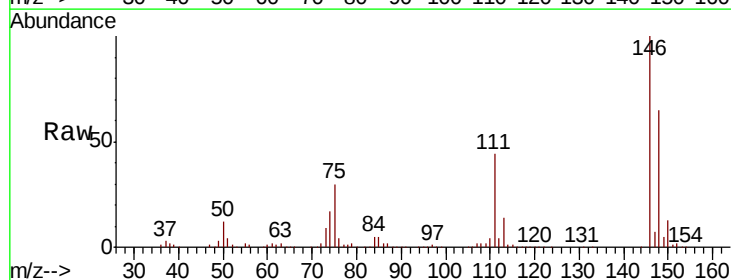
Tgt Ion:146 Resp: 516693

Ion Ratio Lower Upper

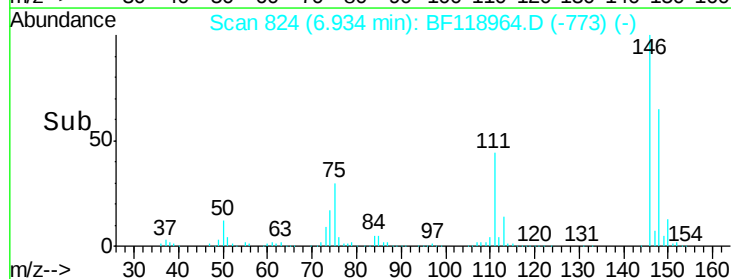
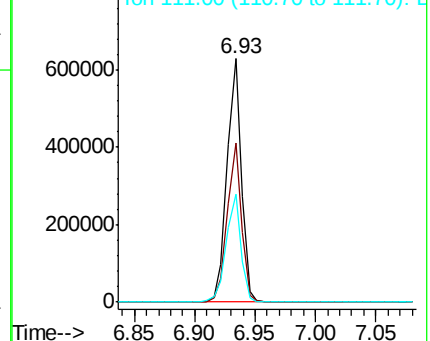
146 100

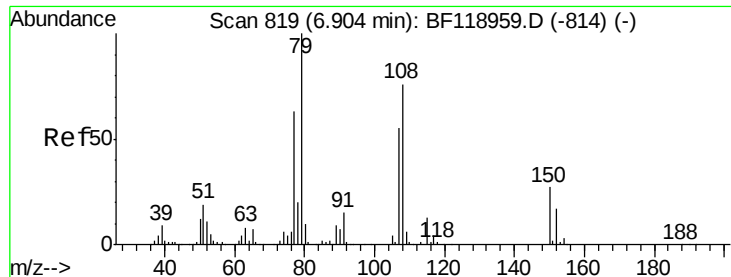
148 65.4 52.1 78.1

111 44.1 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.121 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

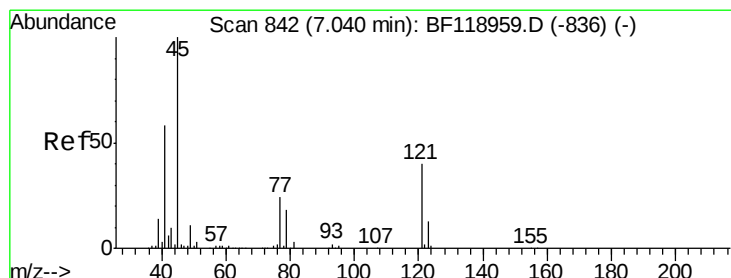
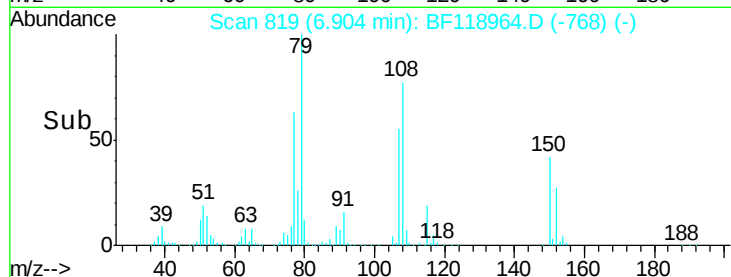
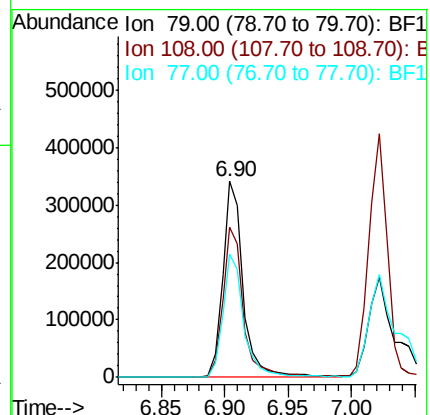
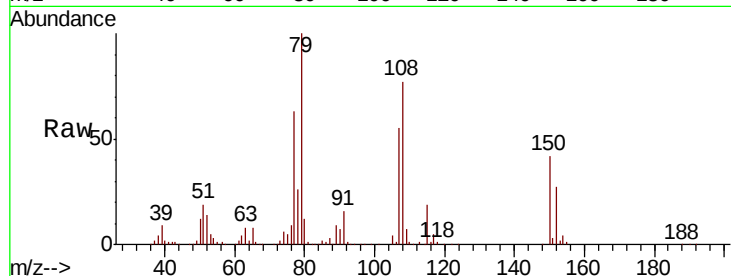
Tot Ion: 79 Resp: 384279

Ion Ratio Lower Upper

79 100

108 76.7 61.1 91.7

77 63.2 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.634 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

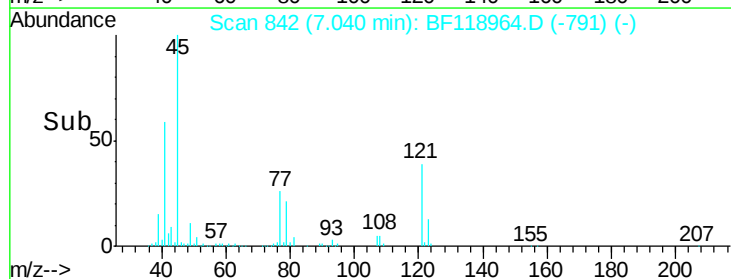
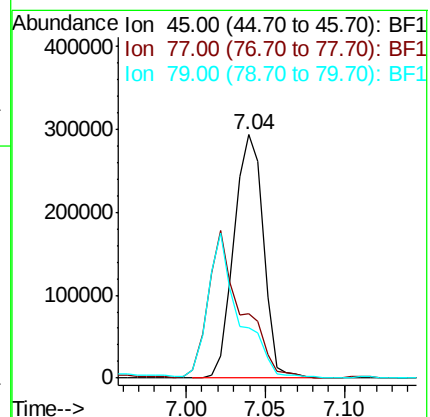
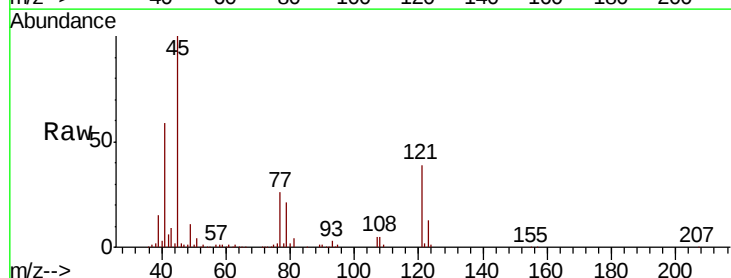
Tgt Ion: 45 Resp: 376281

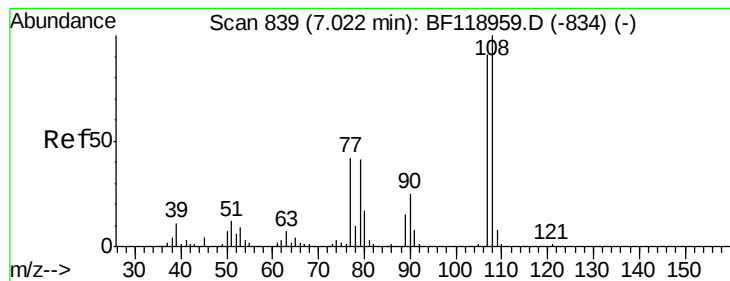
Ion Ratio Lower Upper

45 100

77 26.3 6.1 46.1

79 20.6 0.5 40.5





#17

2-Methylphenol

Concen: 38.578 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 377209

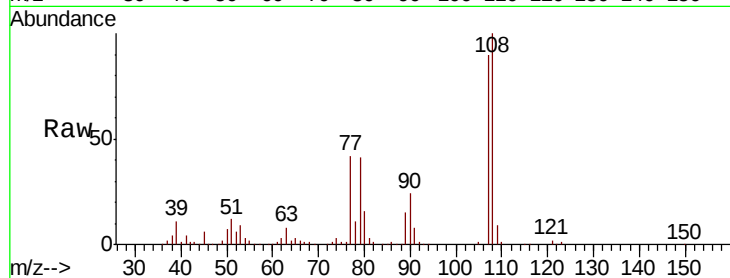
Ion Ratio Lower Upper

107 100

108 111.3 87.7 131.5

77 46.7 36.8 55.2

79 46.0 36.4 54.6

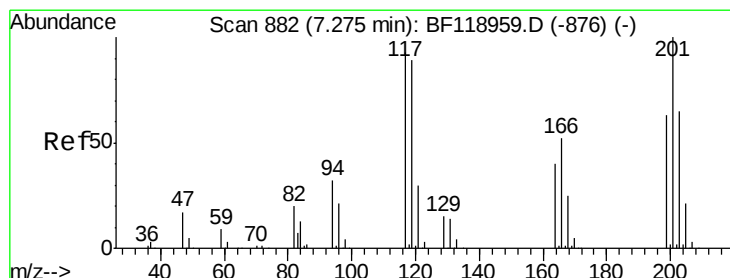
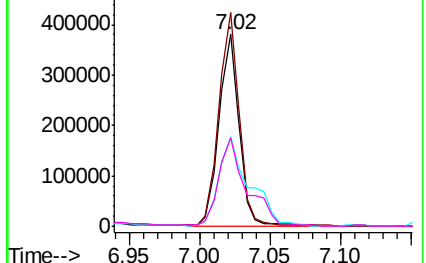
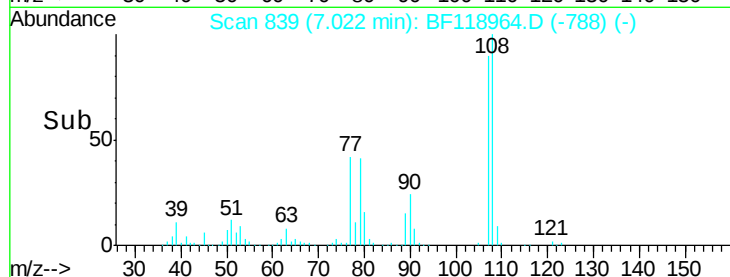


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.662 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

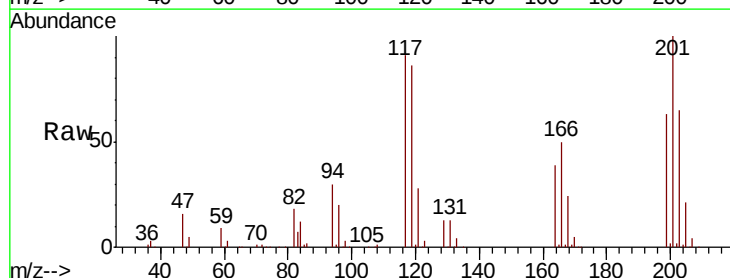
Tgt Ion:117 Resp: 200076

Ion Ratio Lower Upper

117 100

119 95.3 77.0 115.6

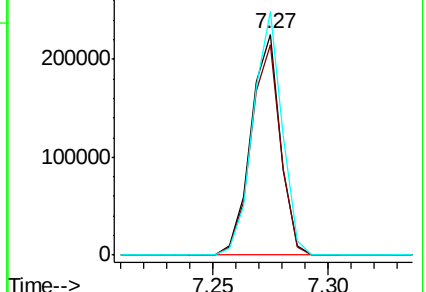
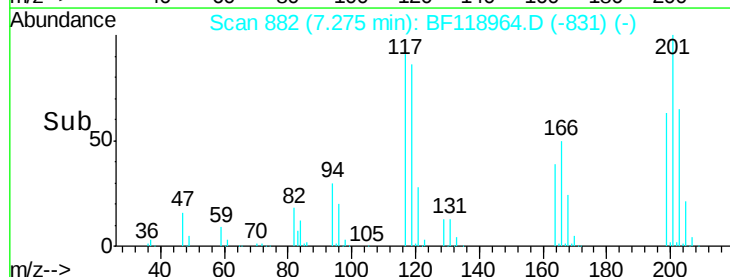
201 110.3 86.4 129.6

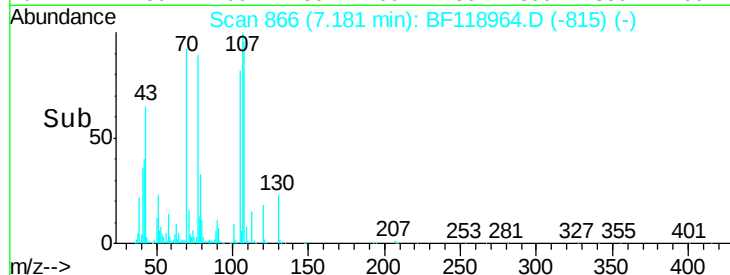
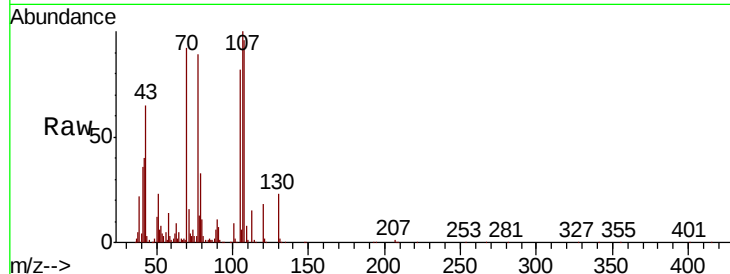
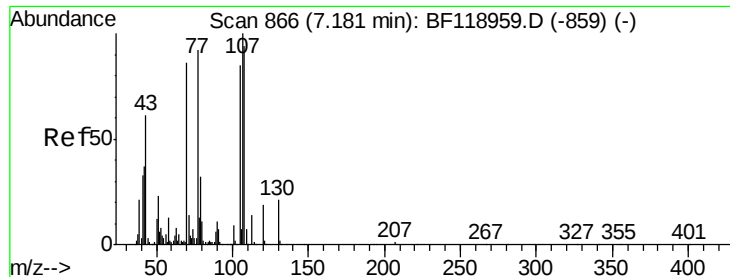


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

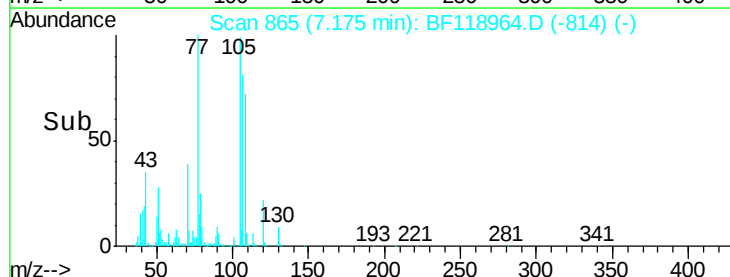
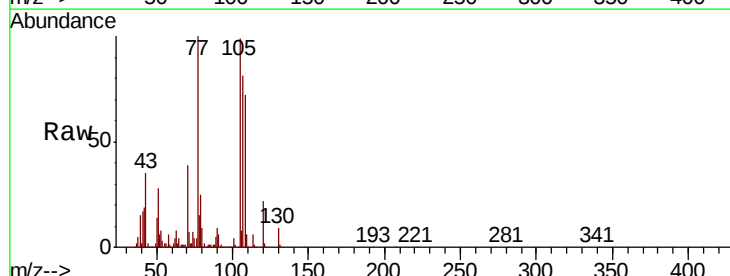
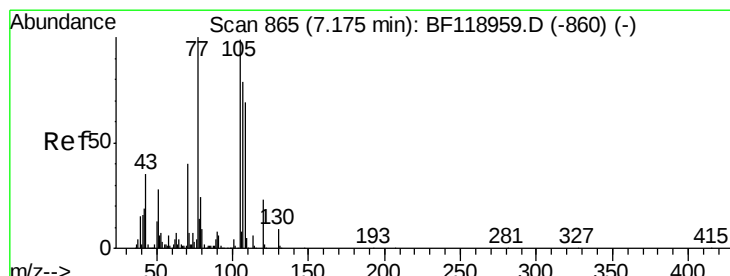
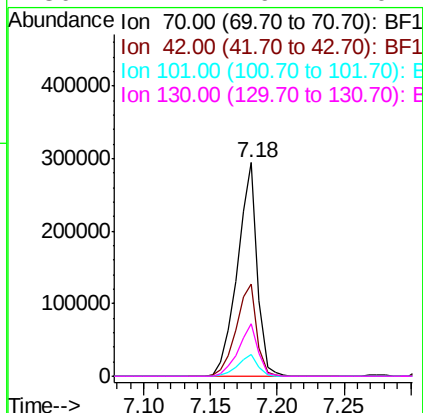




#19
n-Nitroso-di-n-propylamine
Concen: 38.453 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

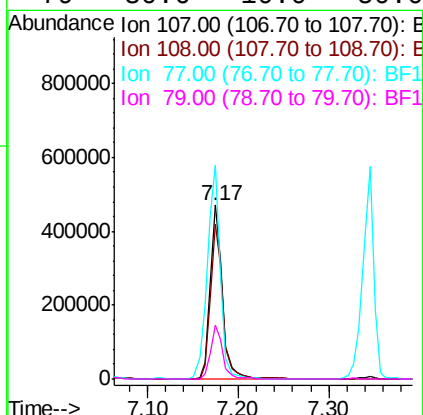
Instrument :
BNA_F
ClientSampleId :

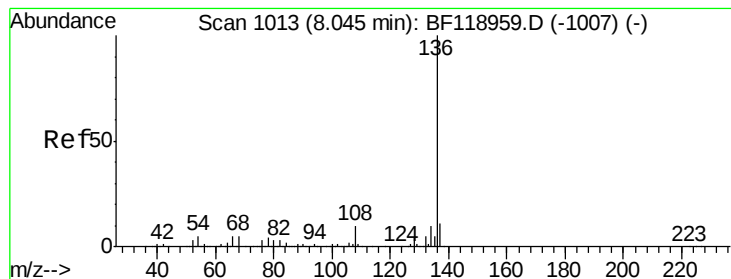
Tot Ion:	70	Resp:	304528
Ion	Ratio	Lower	Upper
70	100		
42	43.2	34.6	51.8
101	10.3	8.1	12.1
130	24.7	19.4	29.2



#20
3+4-Methylphenols
Concen: 37.394 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:	107	Resp:	447957
Ion	Ratio	Lower	Upper
107	100		
108	88.9	67.0	107.0
77	122.8	106.2	146.2
79	30.6	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 685165

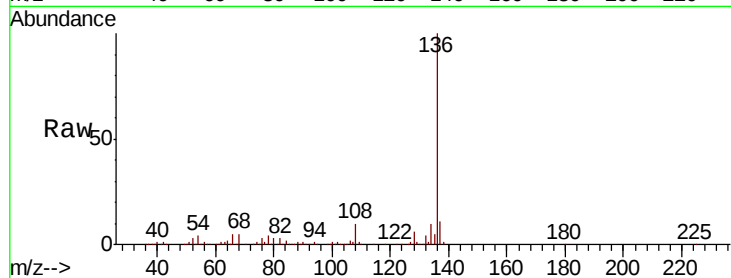
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 4.4 3.8 5.6

68 4.8 4.2 6.2

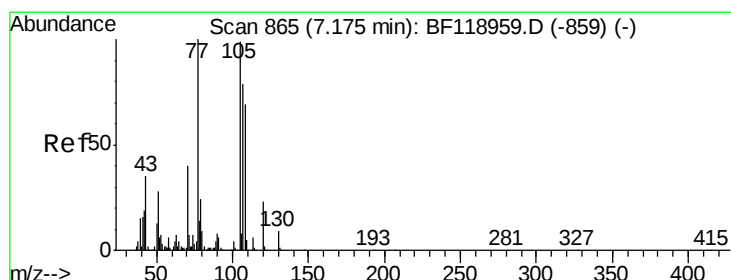
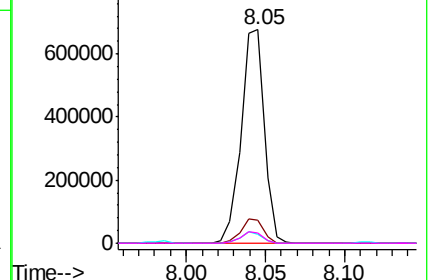
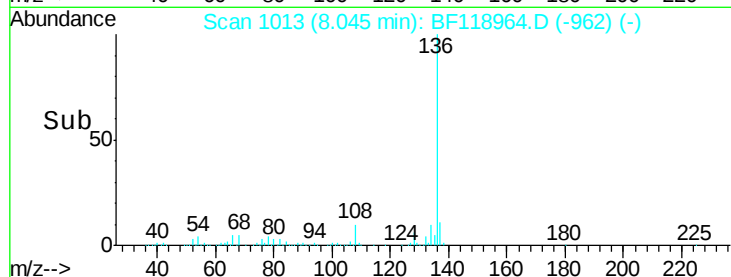


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.539 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Tgt Ion:105 Resp: 595109

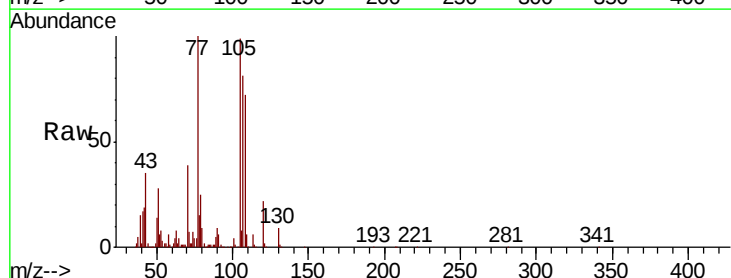
Ion Ratio Lower Upper

105 100

71 6.9 5.4 8.0

51 27.9 22.5 33.7

120 22.4 18.4 27.6

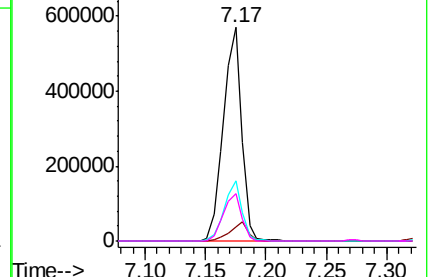
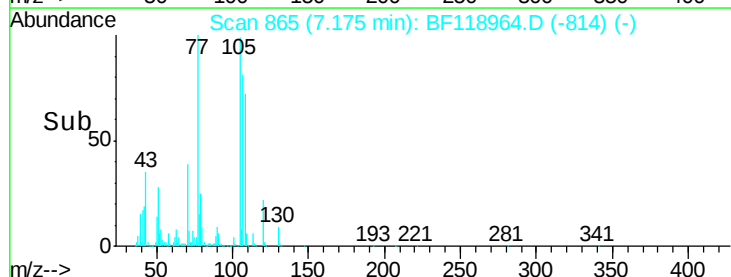


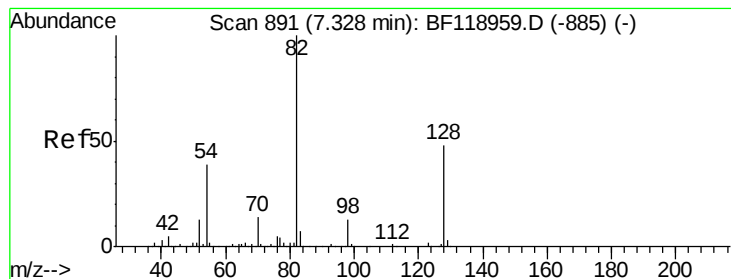
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.264 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

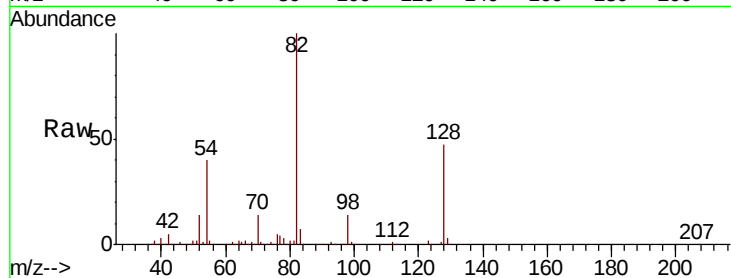
Tot Ion: 82 Resp: 976673

Ion Ratio Lower Upper

82 100

128 47.5 38.2 57.2

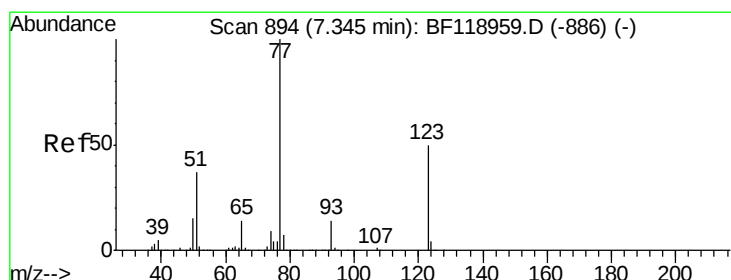
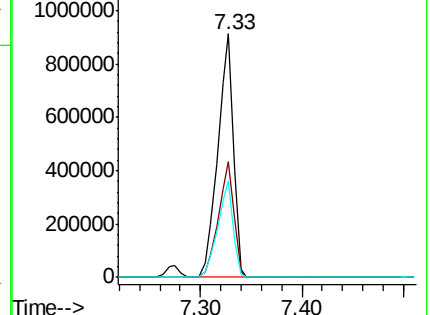
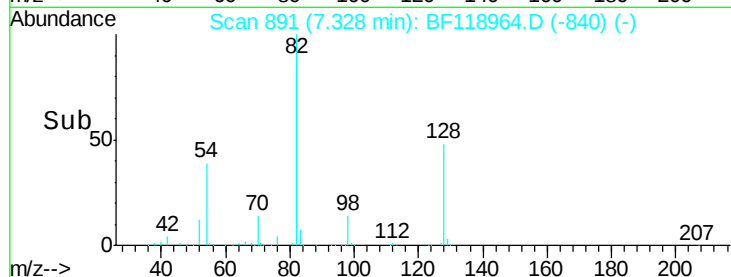
54 39.5 31.3 46.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 37.513 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

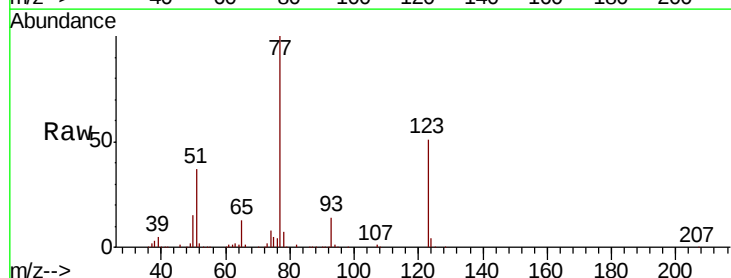
Tgt Ion: 77 Resp: 481392

Ion Ratio Lower Upper

77 100

123 51.4 40.1 60.1

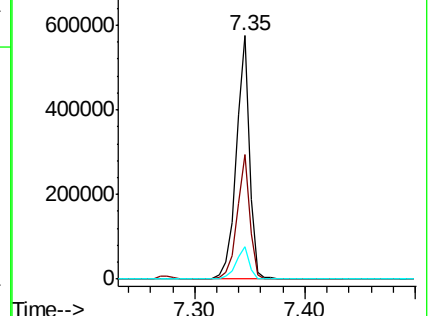
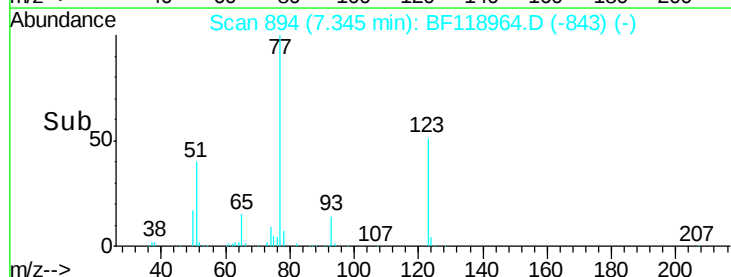
65 13.3 10.9 16.3

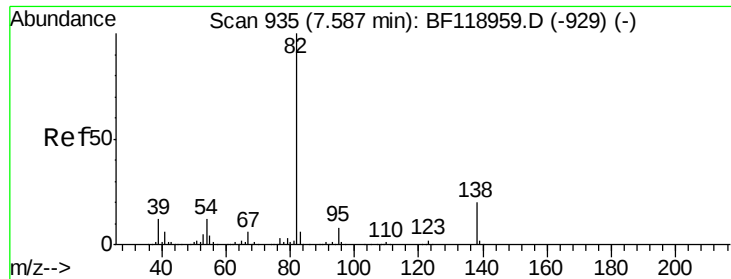


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

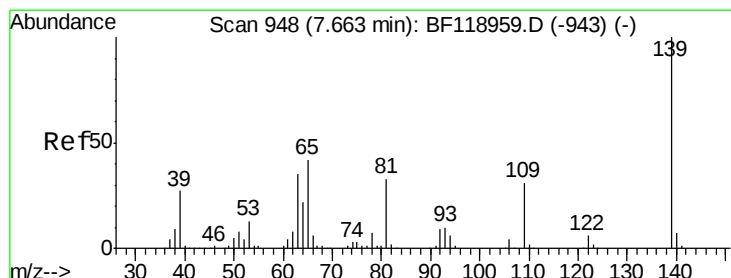
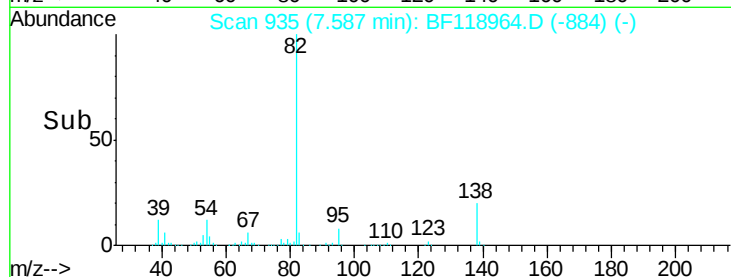
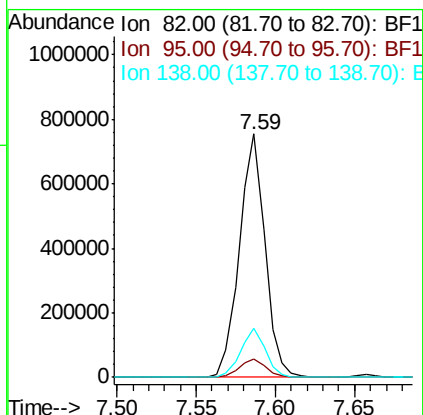
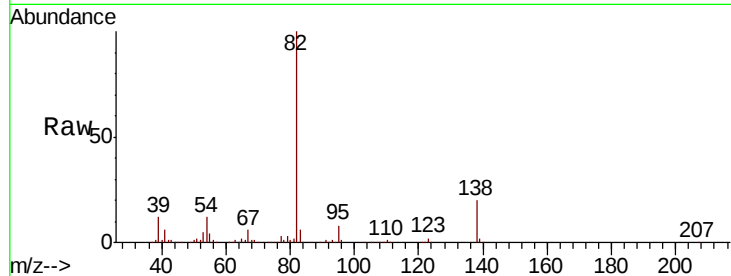




#25
Isophorone
Concen: 37.456 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

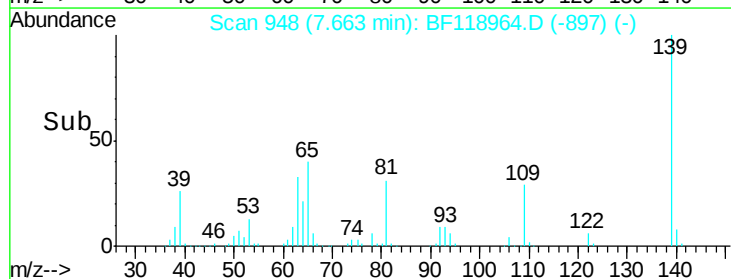
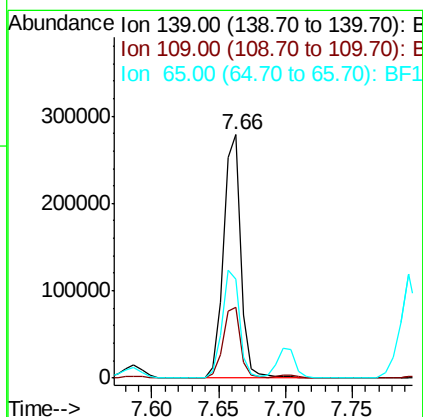
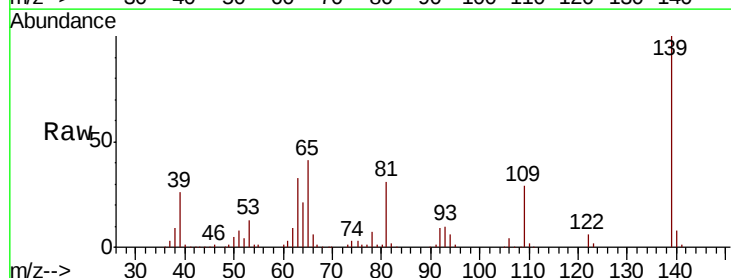
Instrument :
BNA_F
ClientSampleId :

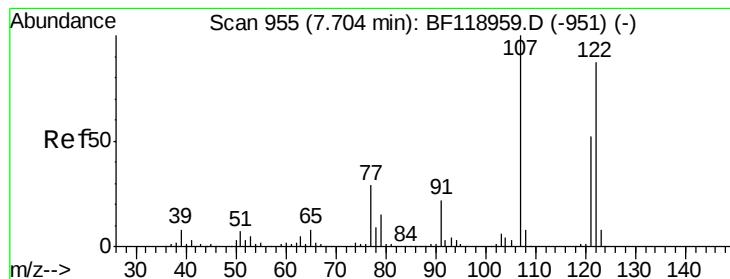
Tot Ion: 82 Resp: 844131
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 20.0 15.8 23.6



#26
2-Nitrophenol
Concen: 37.985 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion: 139 Resp: 258273
Ion Ratio Lower Upper
139 100
109 29.2 24.6 36.8
65 40.6 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 37.529 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

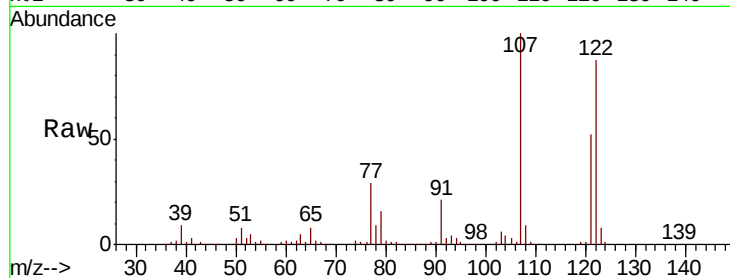
Tot Ion:122 Resp: 346317

Ion Ratio Lower Upper

122 100

107 115.3 91.8 137.8

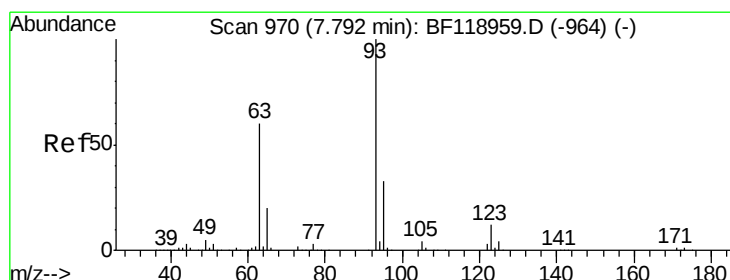
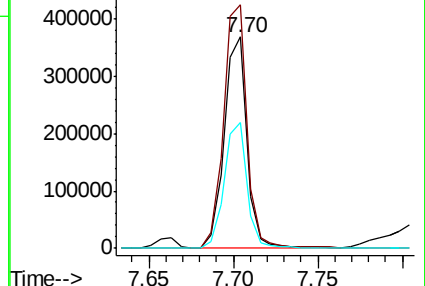
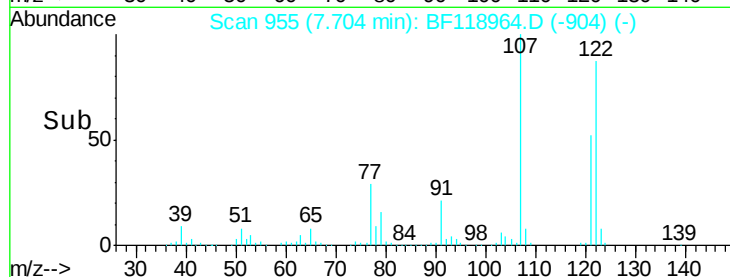
121 59.5 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.478 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

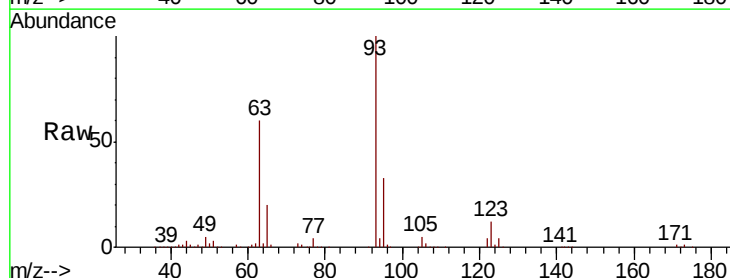
Tgt Ion: 93 Resp: 549763

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

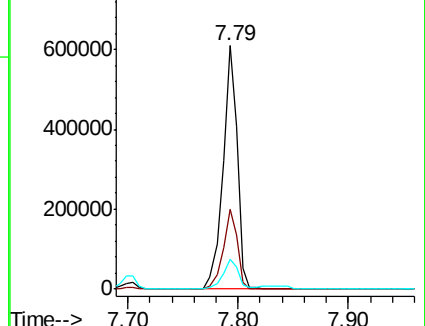
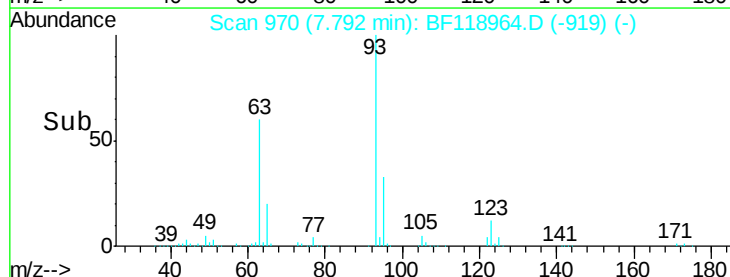
123 12.4 9.8 14.8

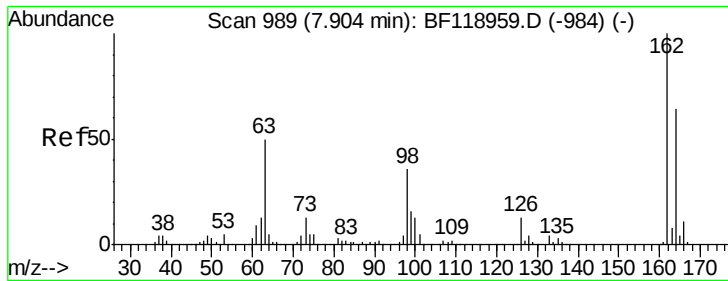


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

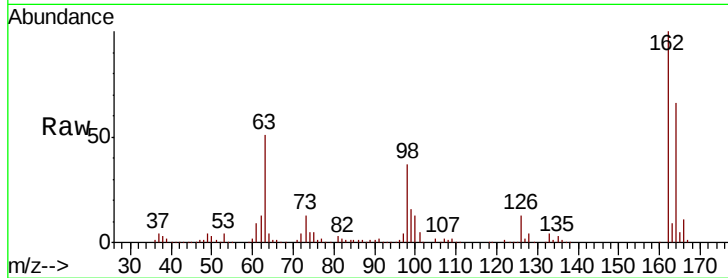




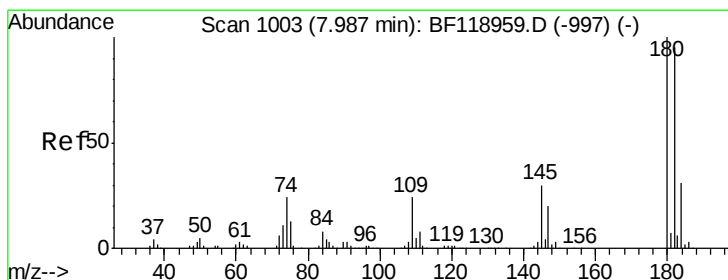
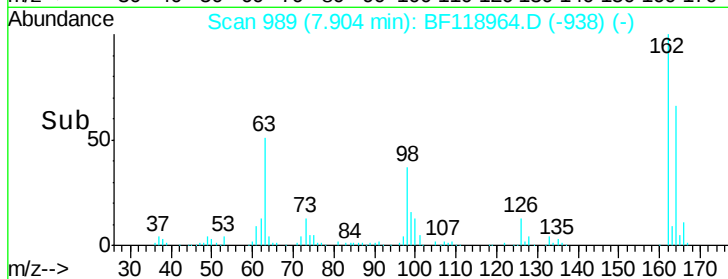
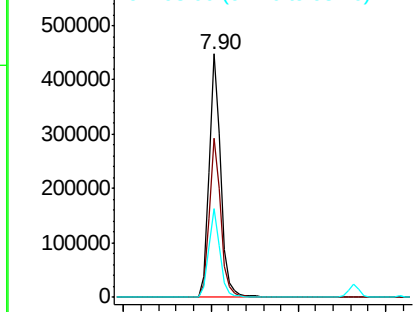
#29
2,4-Dichlorophenol
Concen: 38.013 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 412946
Ion Ratio Lower Upper
162 100
164 65.6 44.1 84.1
98 36.6 16.4 56.4

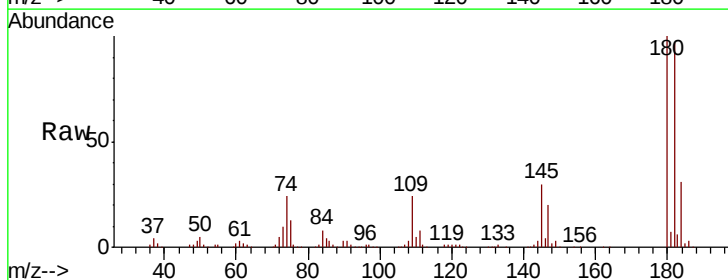


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

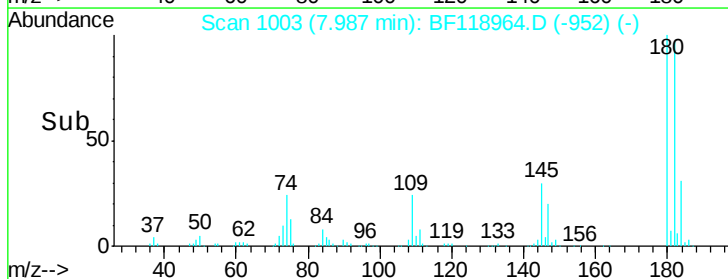
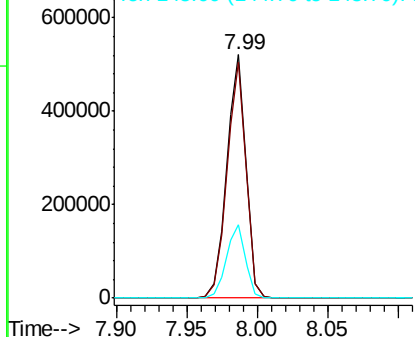


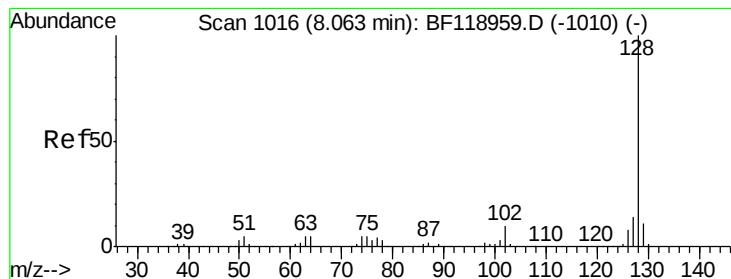
#30
1,2,4-Trichlorobenzene
Concen: 37.781 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:180 Resp: 486619
Ion Ratio Lower Upper
180 100
182 97.0 75.8 113.8
145 30.3 24.2 36.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.696 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

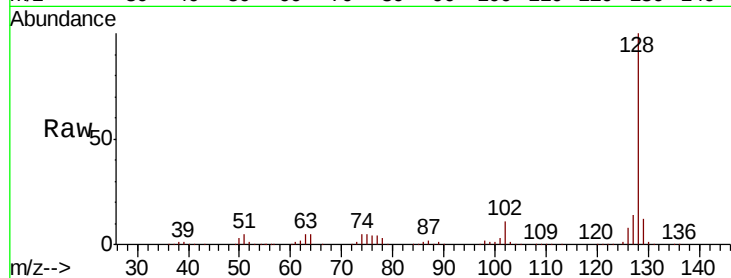
Tot Ion:128 Resp: 1339498

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

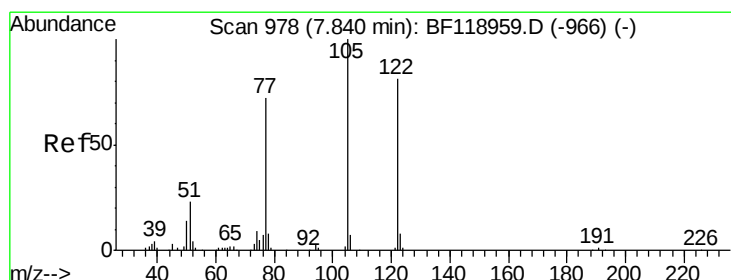
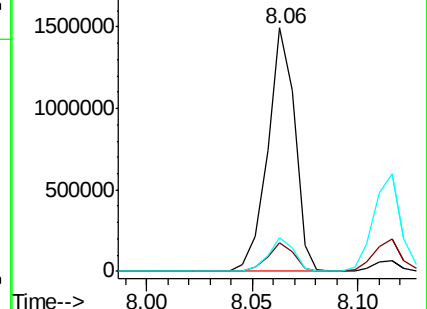
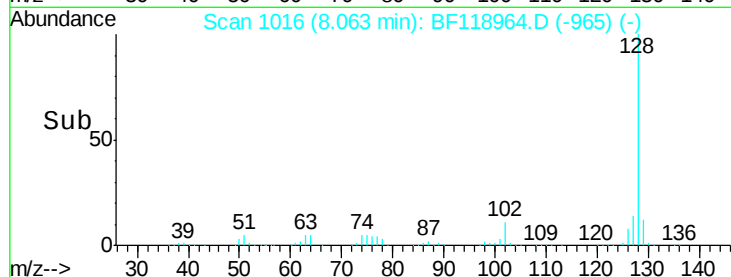
127 13.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.491 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

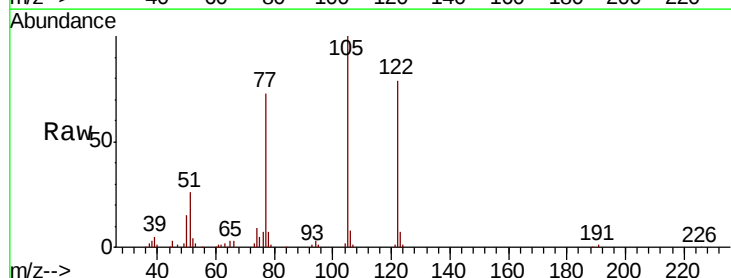
Tgt Ion:122 Resp: 248821

Ion Ratio Lower Upper

122 100

105 127.1 102.2 142.2

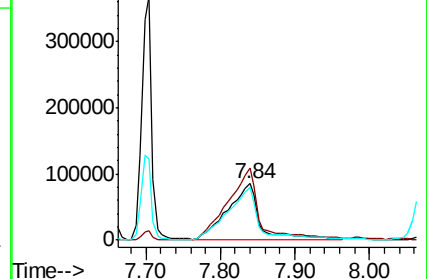
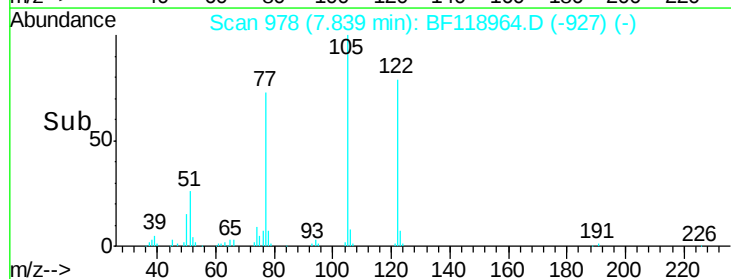
77 93.1 68.6 108.6

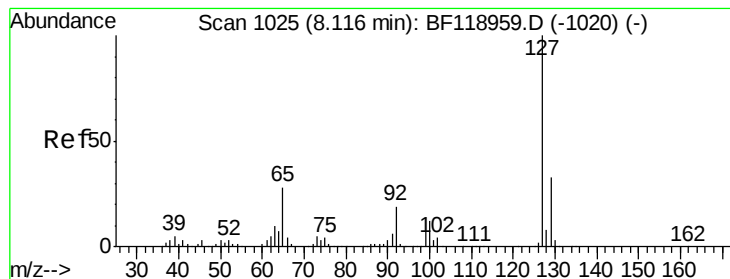


Abundance Ion 122.00 (121.70 to 122.70): E

500000 Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 36.490 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 557684

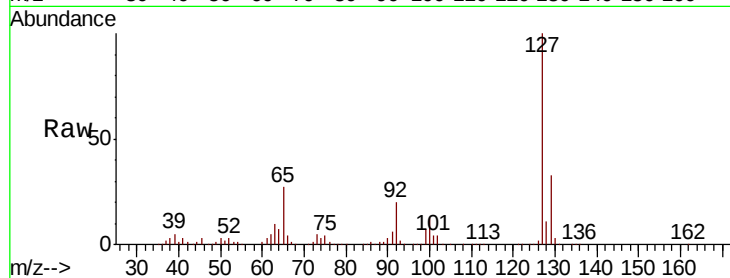
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.2

65 27.3 22.0 33.0

92 19.6 15.5 23.3

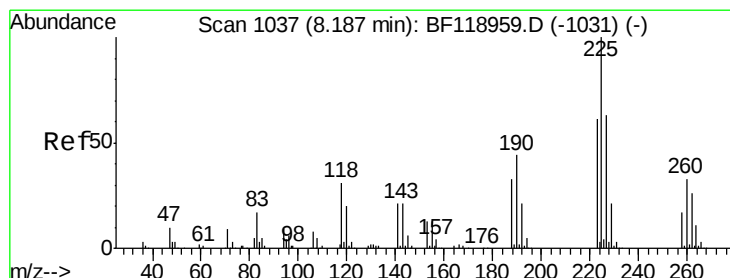
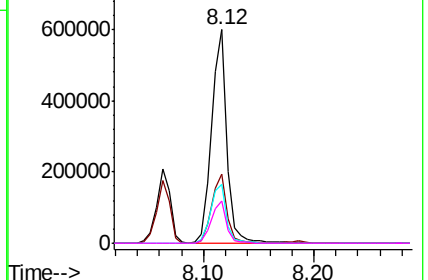
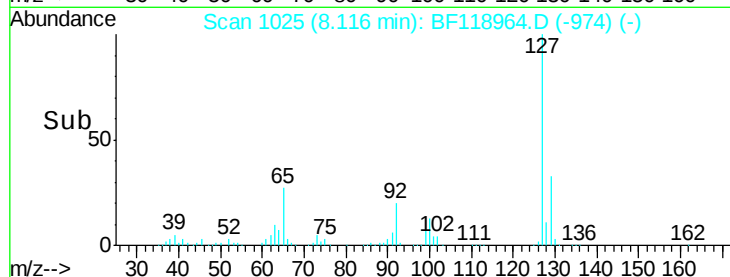


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.796 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

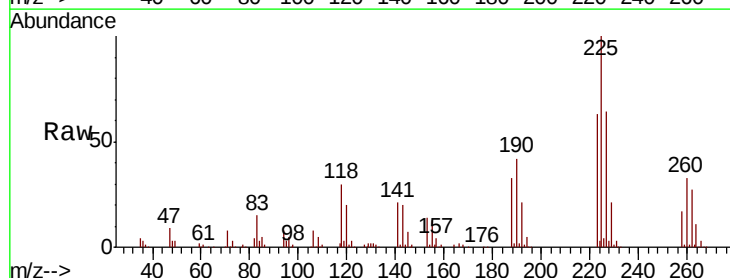
Tgt Ion:225 Resp: 303238

Ion Ratio Lower Upper

225 100

223 62.8 48.9 73.3

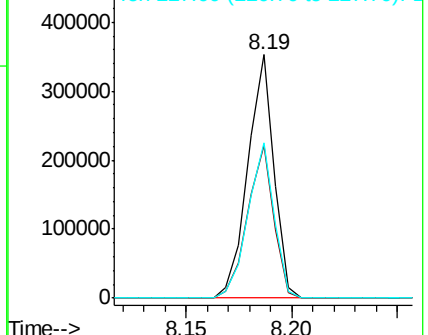
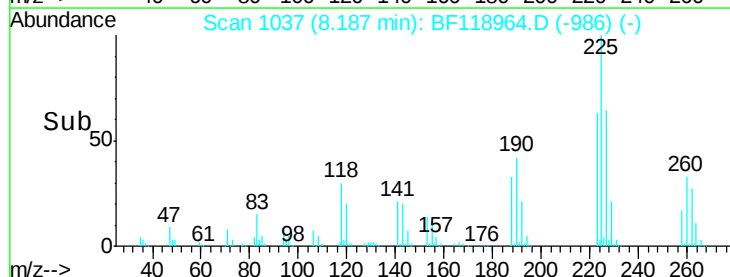
227 63.9 50.4 75.6

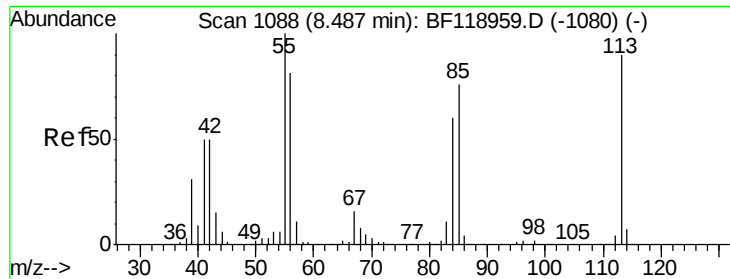


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

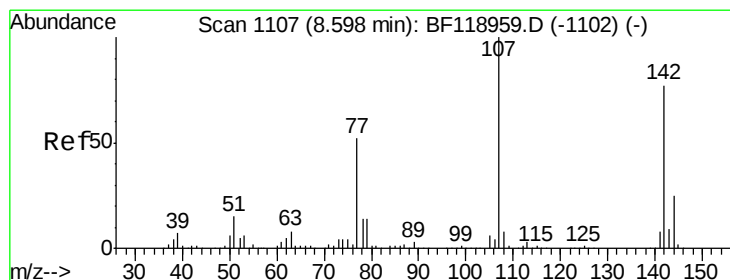
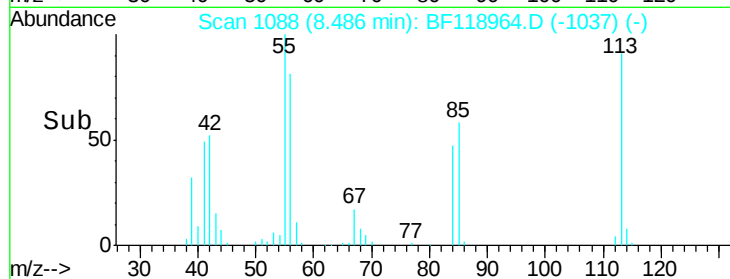
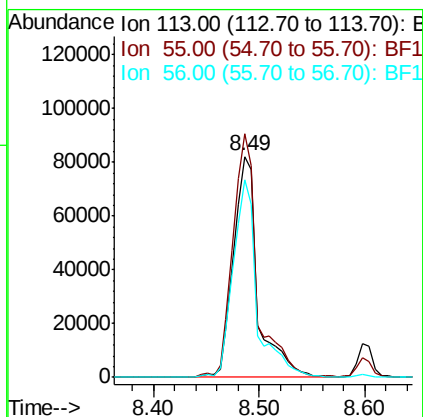
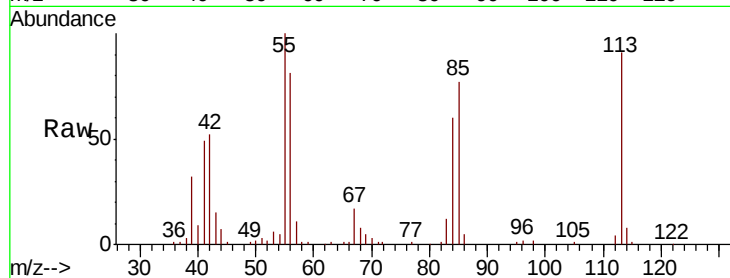




#35
Caprolactam
Concen: 39.161 ng
RT: 8.49 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

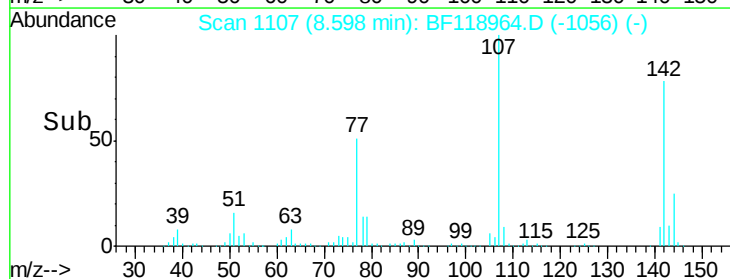
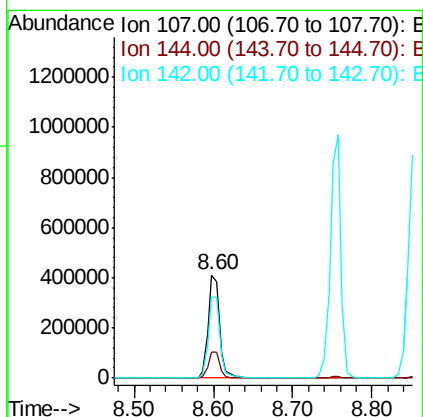
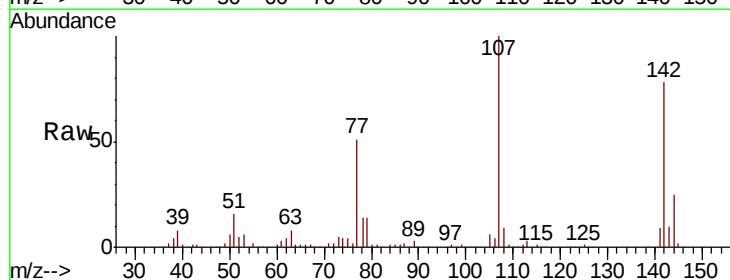
Instrument :
BNA_F
ClientSampleId :

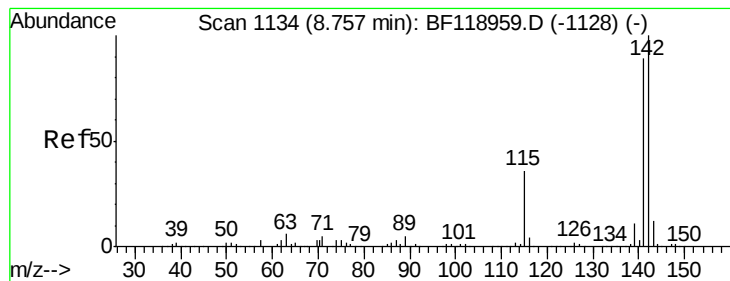
Tot Ion:113 Resp: 130993
Ion Ratio Lower Upper
113 100
55 110.3 90.8 130.8
56 89.7 70.0 110.0



#36
4-Chloro-3-methylphenol
Concen: 37.756 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:107 Resp: 415102
Ion Ratio Lower Upper
107 100
144 25.3 19.8 29.8
142 78.2 61.3 91.9





#37

2-Methylnaphthalene

Concen: 38.142 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

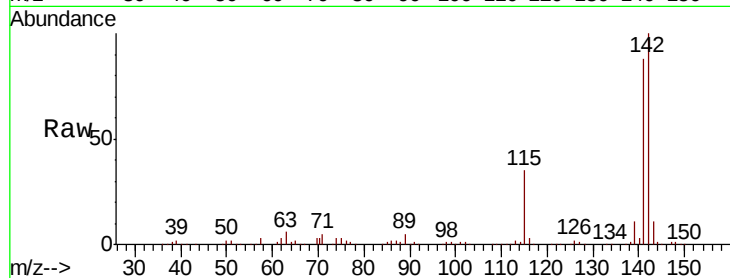
Tot Ion:142 Resp: 912091

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.4

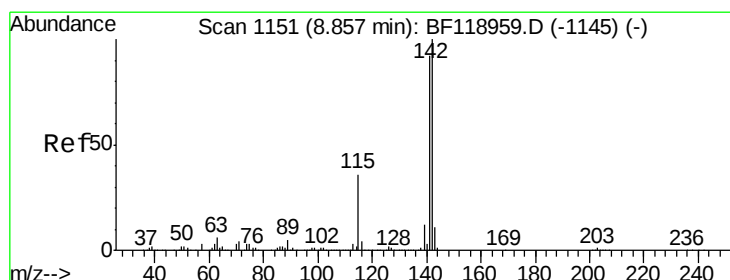
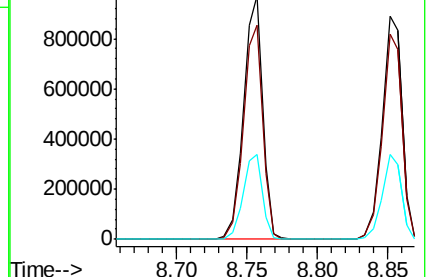
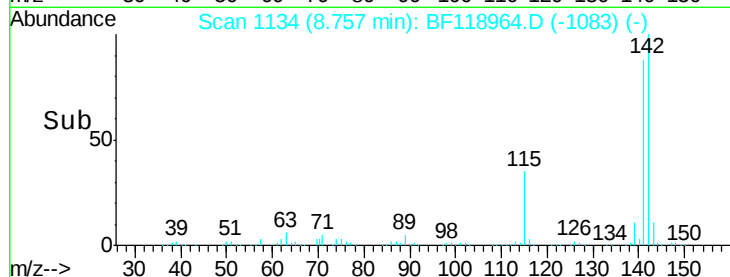
115 34.6 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.342 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

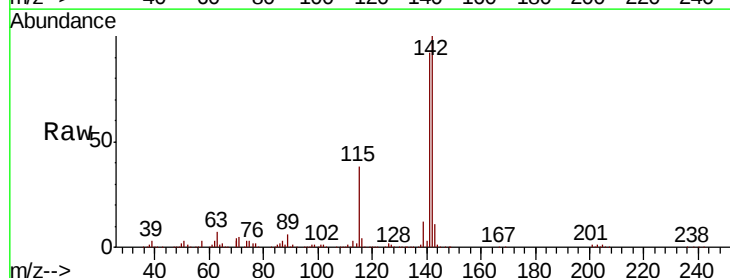
Tgt Ion:142 Resp: 862272

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5

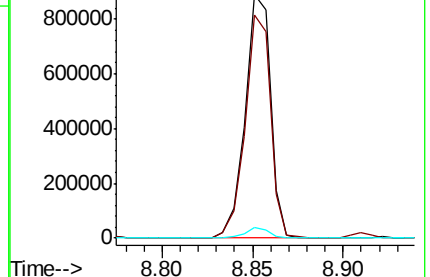
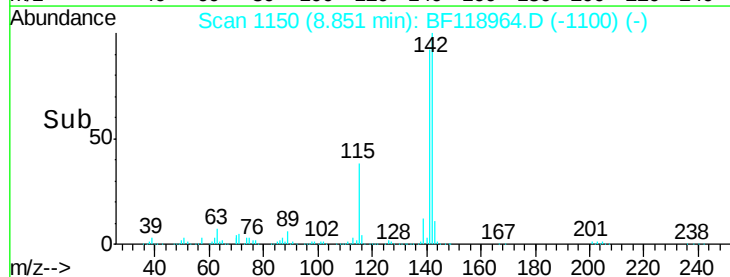
116 4.1 3.0 4.6

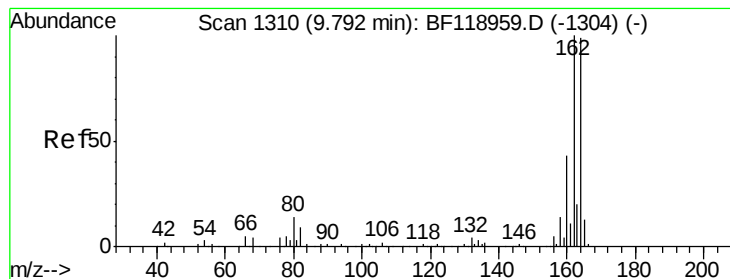


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampled :

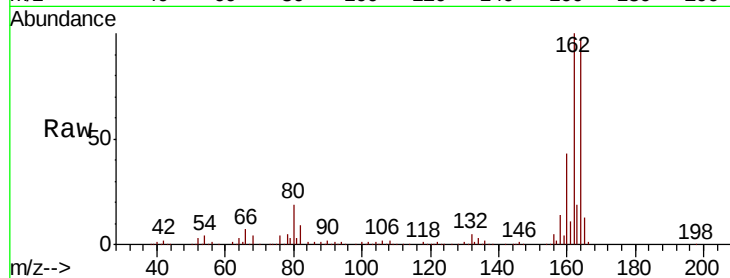
Tot Ion:164 Resp: 381403

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

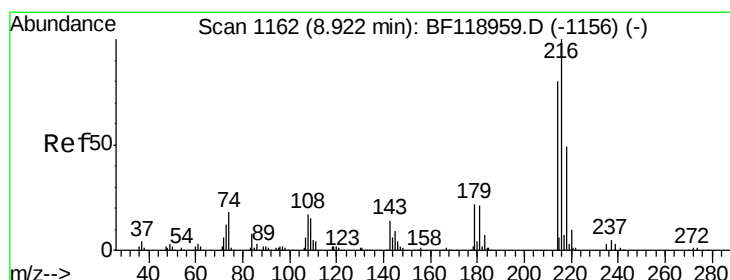
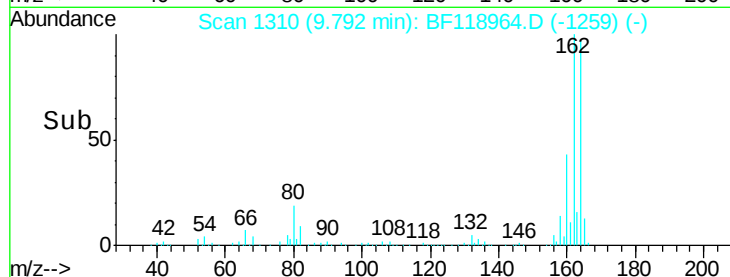
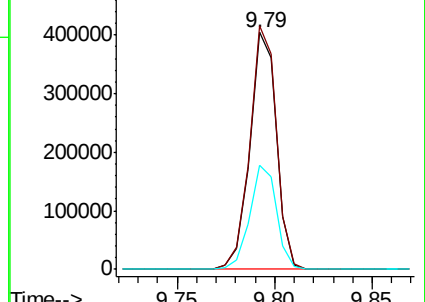
160 44.0 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.299 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Tgt Ion:216 Resp: 479639

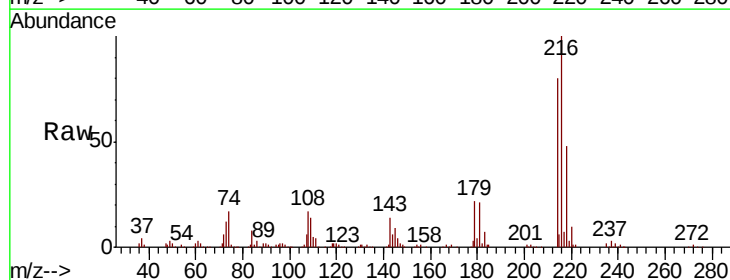
Ion Ratio Lower Upper

216 100

214 79.0 63.1 94.7

179 21.5 17.2 25.8

108 16.3 13.4 20.0

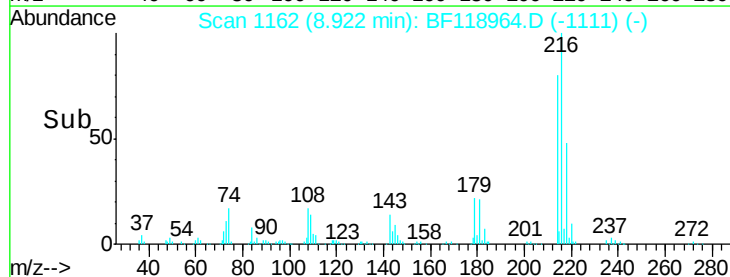
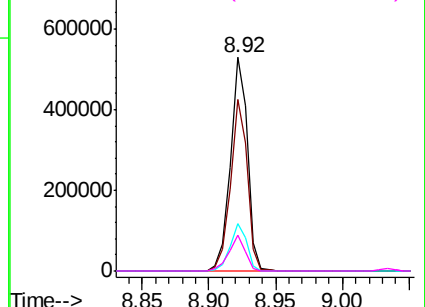


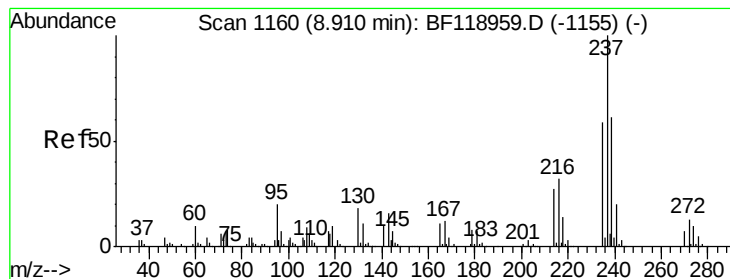
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.859 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

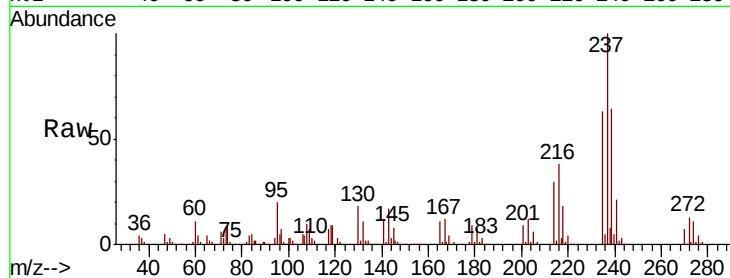
Instrument :

BNA_F

ClientSampleId :

Tot Ion:237 Resp: 140357

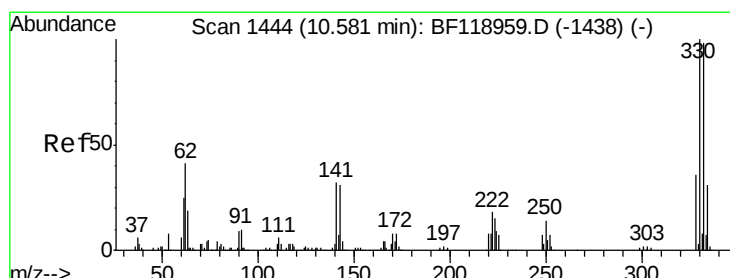
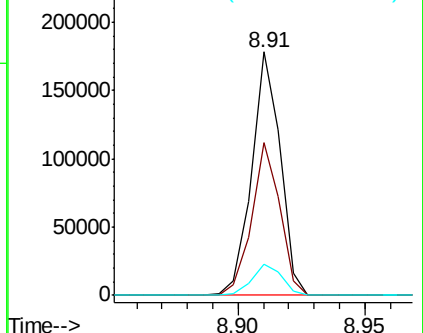
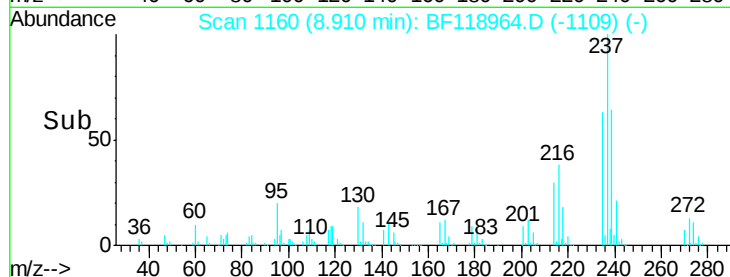
Ion	Ratio	Lower	Upper
237	100		
235	62.7	39.4	79.4
272	13.0	0.0	32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 75.028 ng

RT: 10.58 min Scan# 1444

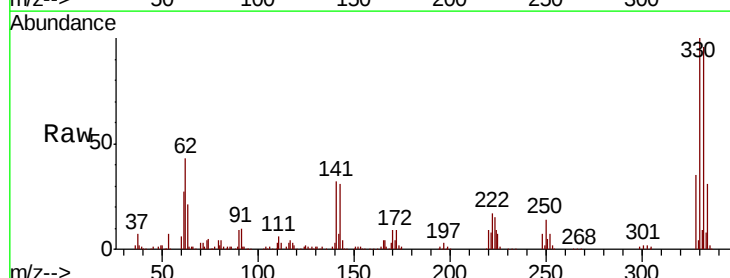
Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Tgt Ion:330 Resp: 374342

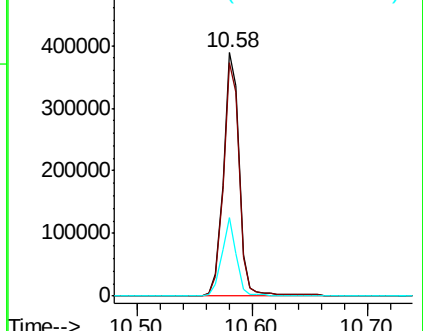
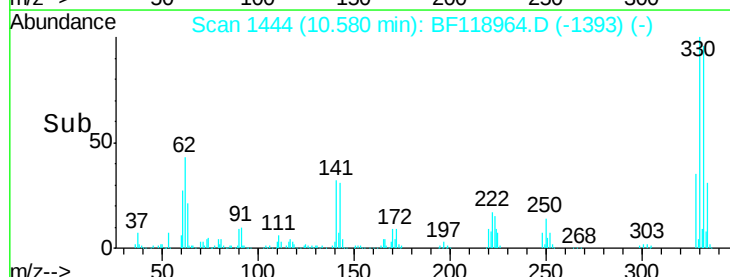
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	29.3	23.0	34.6

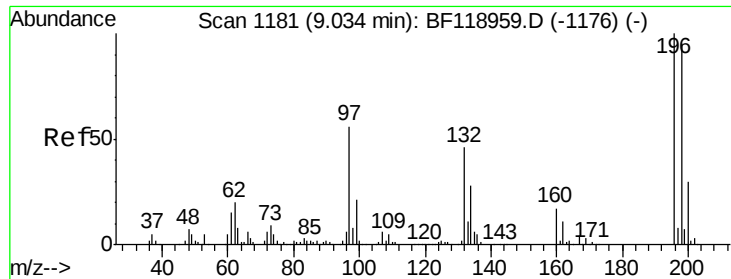


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

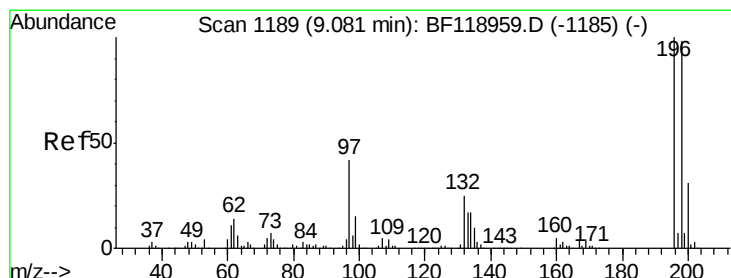
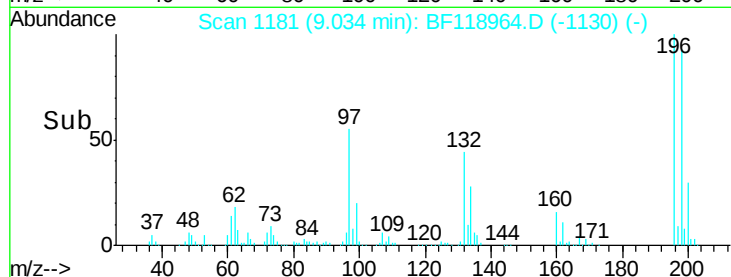
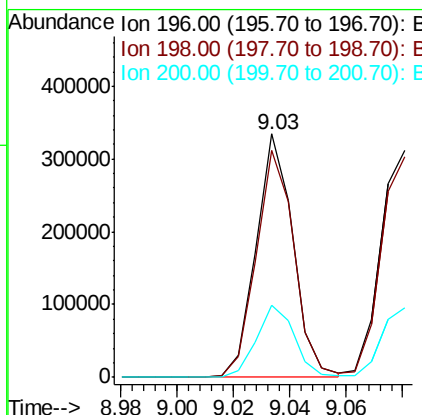
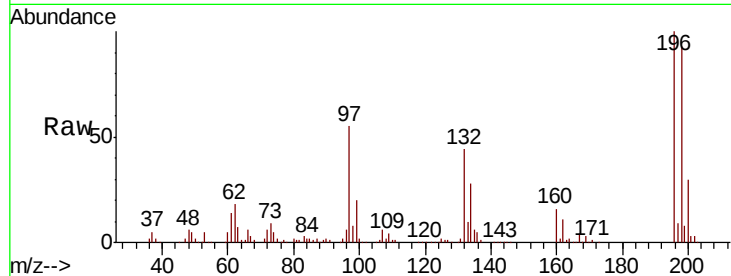




#43
 2,4,6-Trichlorophenol
 Concen: 37.407 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

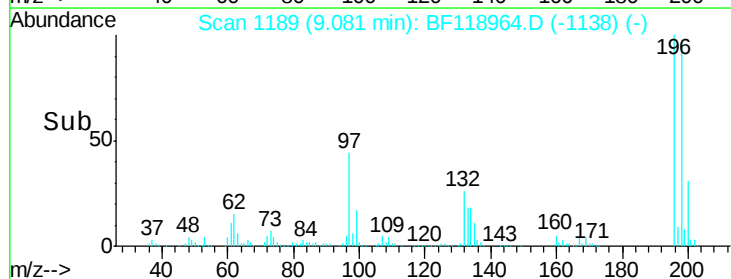
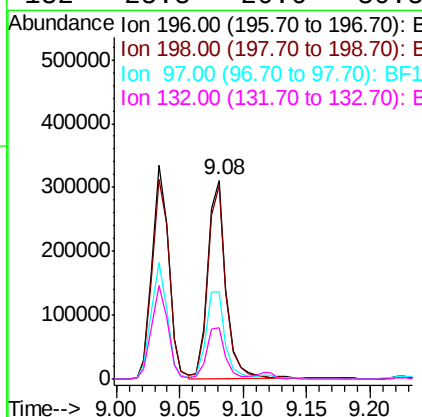
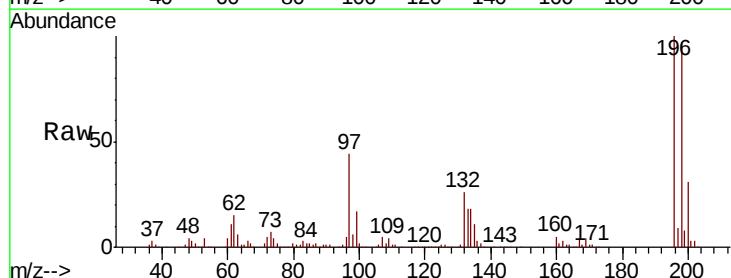
Instrument :
 BNA_F
 ClientSampled :

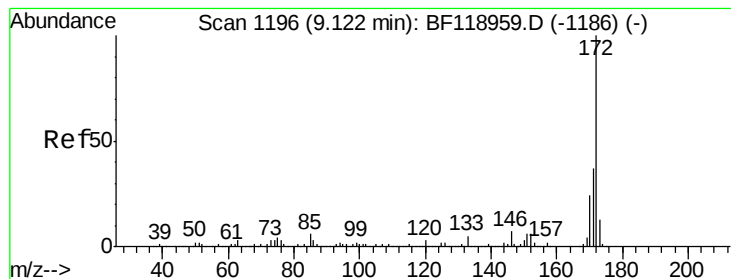
Tot Ion:196 Resp: 303766
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.8 113.6
 200 29.6 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 37.048 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion:196 Resp: 315704
 Ion Ratio Lower Upper
 196 100
 198 97.1 78.4 117.6
 97 43.6 33.4 50.0
 132 25.8 20.6 30.8

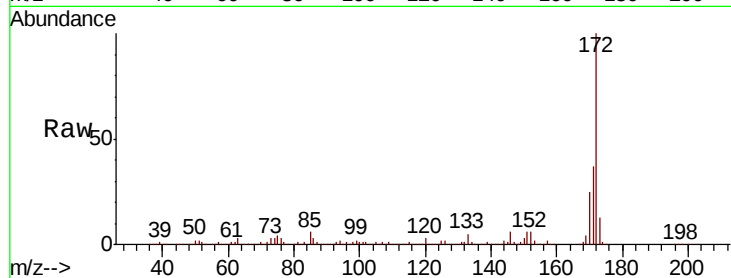




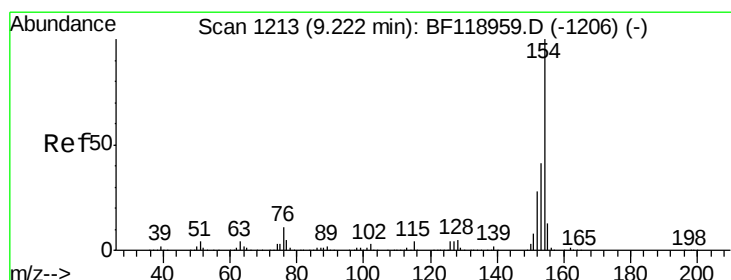
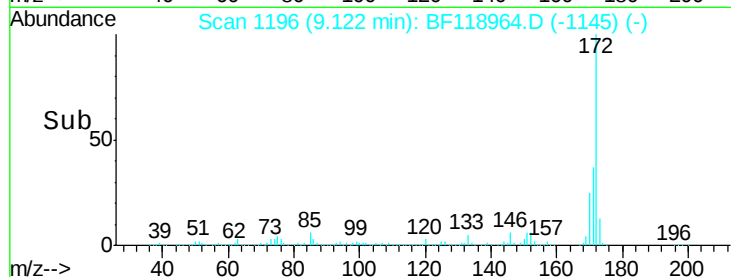
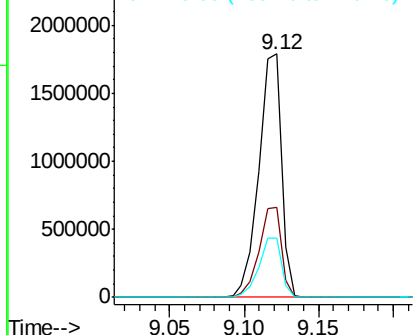
#45
2-Fluorobiphenyl
Concen: 72.296 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1871729
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.2
170 24.6 19.6 29.4

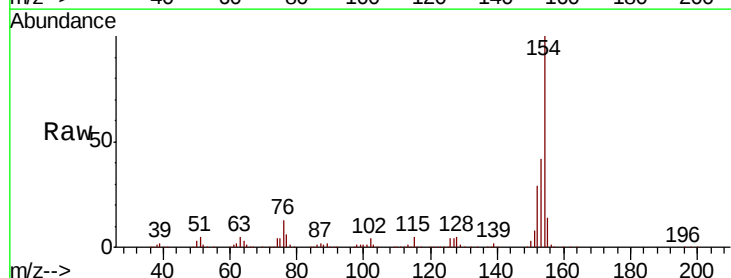


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

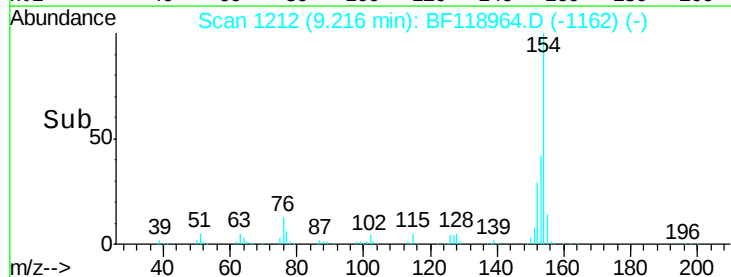
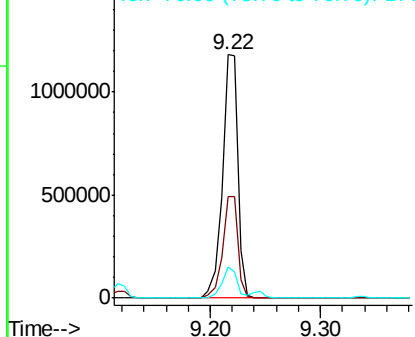


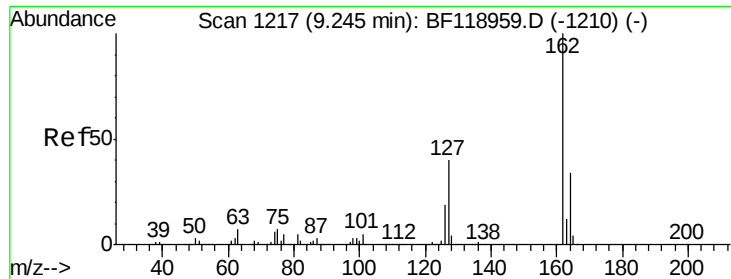
#46
1,1'-Biphenyl
Concen: 37.349 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:154 Resp: 1151274
Ion Ratio Lower Upper
154 100
153 41.8 21.2 61.2
76 12.8 0.0 31.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

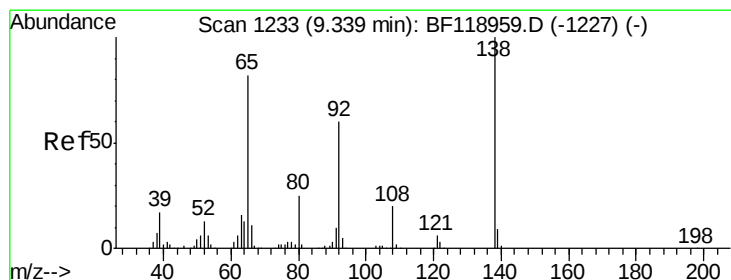
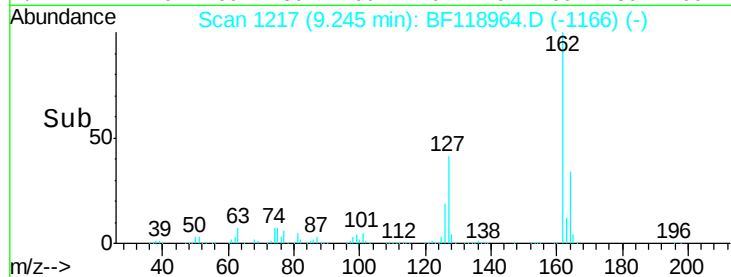
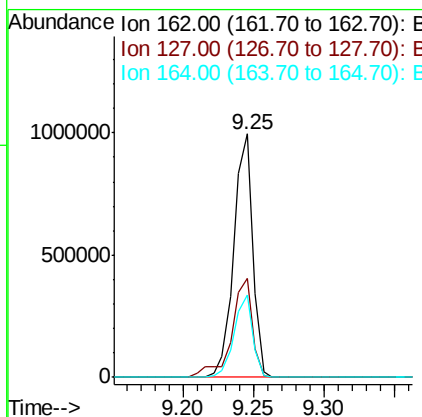
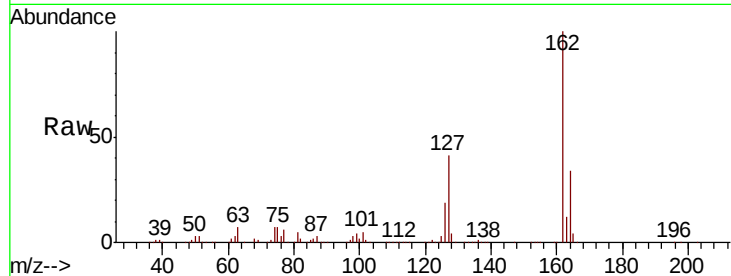




#47
 2-Chloronaphthalene
 Concen: 37.541 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

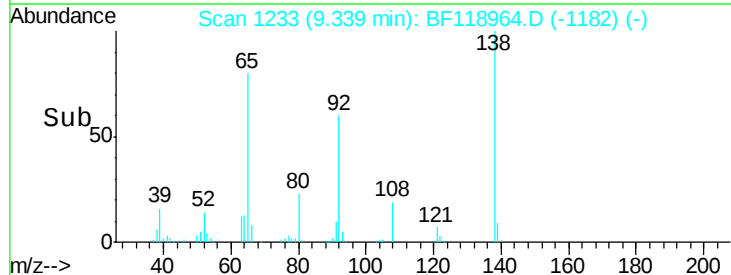
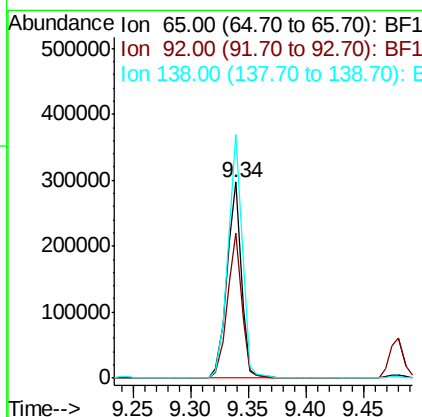
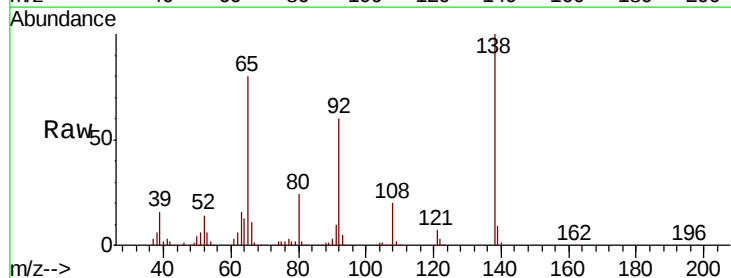
Instrument :
 BNA_F
 ClientSampleId :

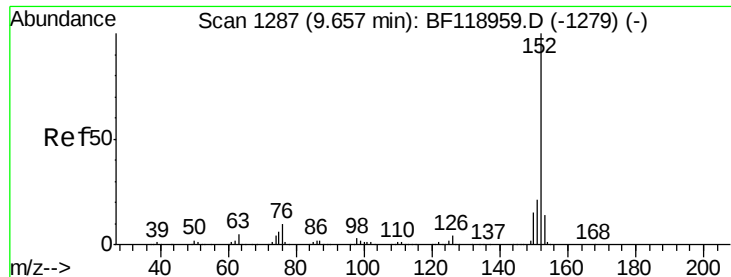
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.9	47.9
164	33.8	26.8	40.2



#48
 2-Nitroaniline
 Concen: 37.443 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	58.6	87.8
138	124.4	97.5	146.3





#49

Acenaphthylene

Concen: 37.557 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

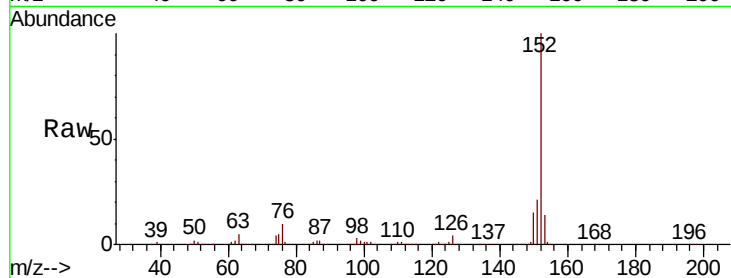
Tot Ion:152 Resp: 1347446

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

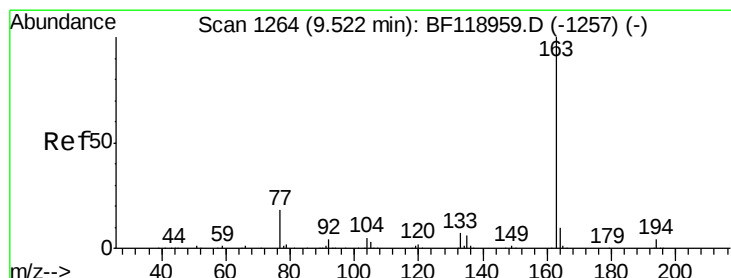
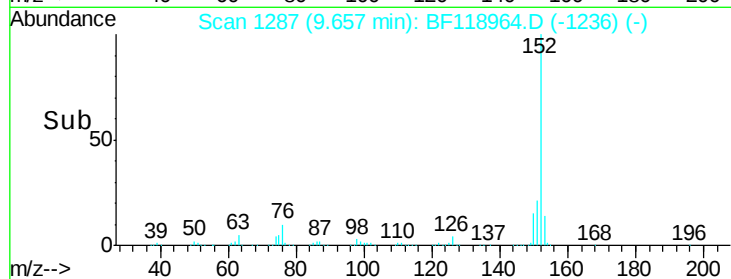
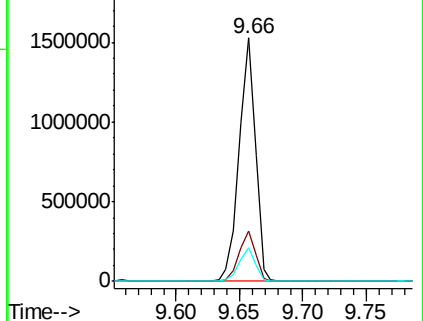
153 13.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.552 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

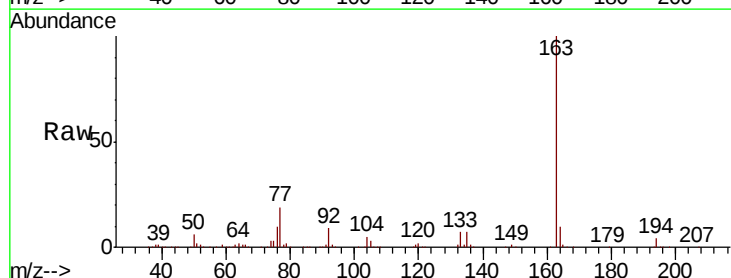
Tgt Ion:163 Resp: 1095203

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

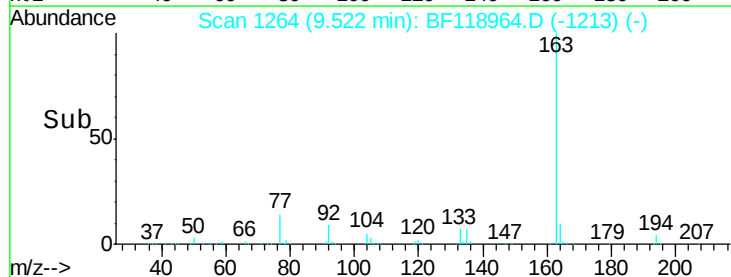
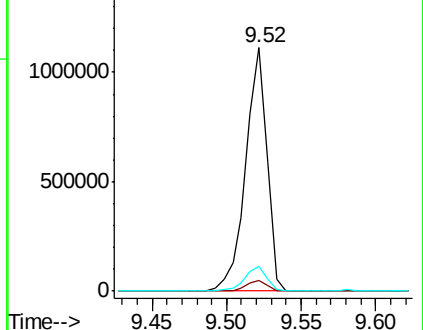
164 10.3 8.2 12.2

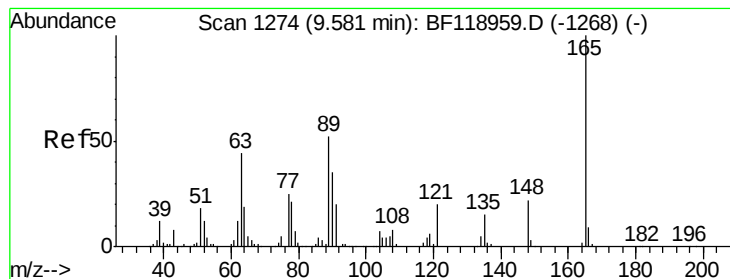


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.867 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampled :

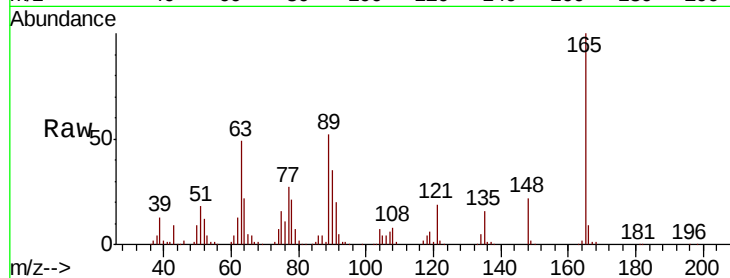
Tot Ion:165 Resp: 245365

Ion Ratio Lower Upper

165 100

63 48.8 37.9 56.9

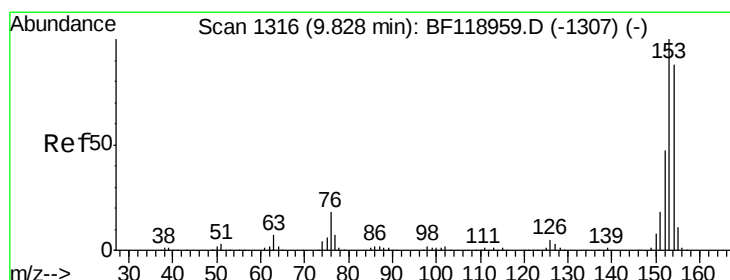
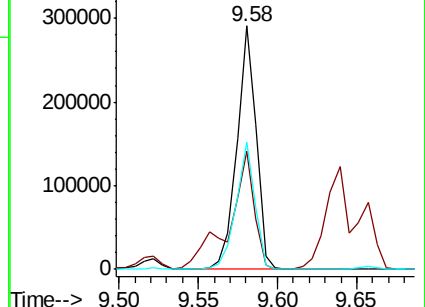
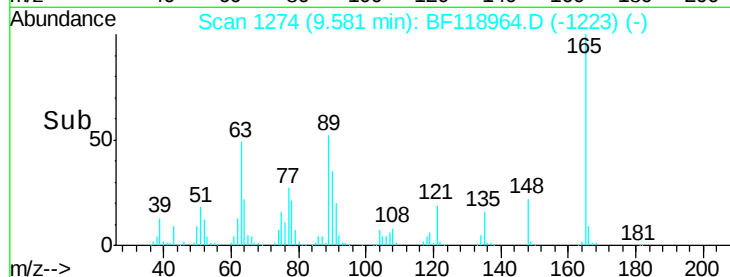
89 52.1 41.4 62.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.923 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

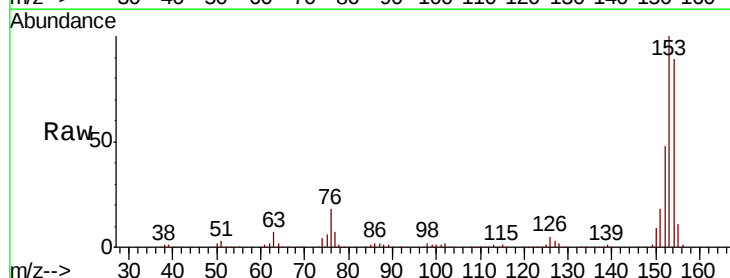
Tgt Ion:154 Resp: 820394

Ion Ratio Lower Upper

154 100

153 112.6 90.4 135.6

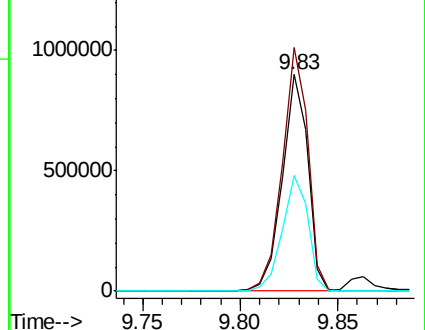
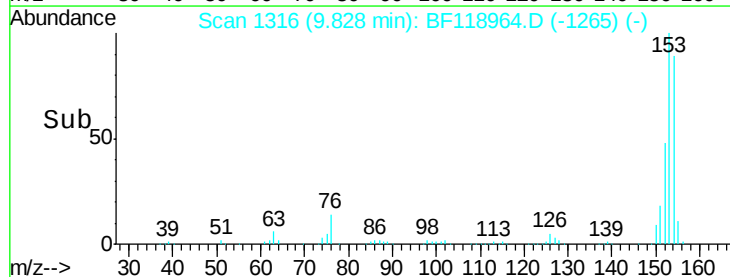
152 53.7 42.9 64.3

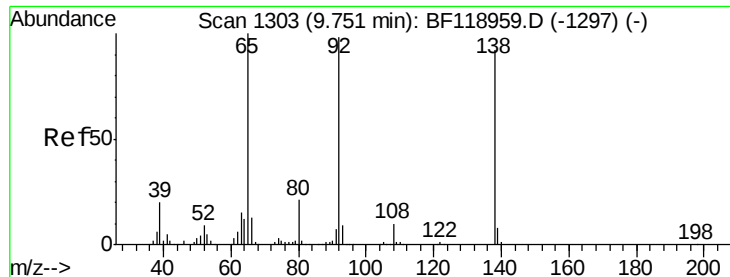


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

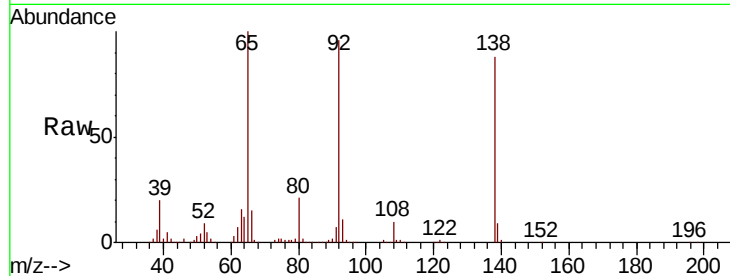




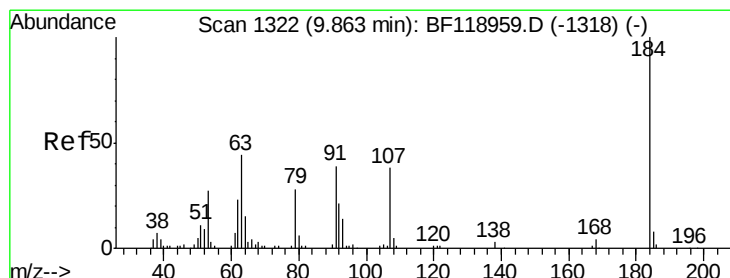
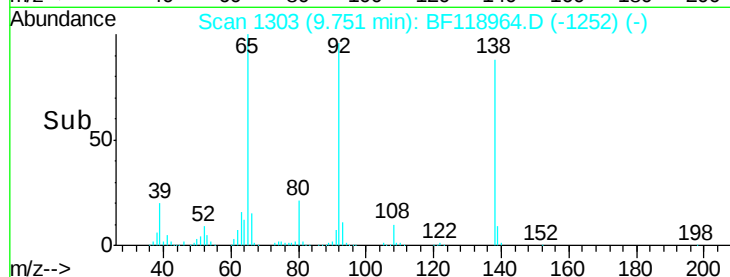
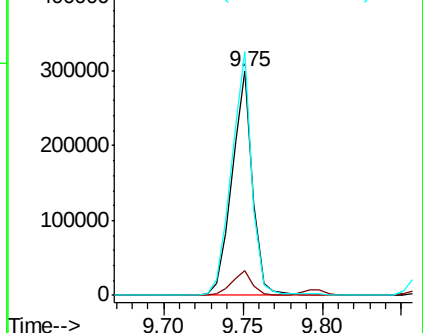
#53
3-Nitroaniline
Concen: 37.302 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 267954
Ion Ratio Lower Upper
138 100
108 11.2 8.6 13.0
92 108.7 84.6 127.0

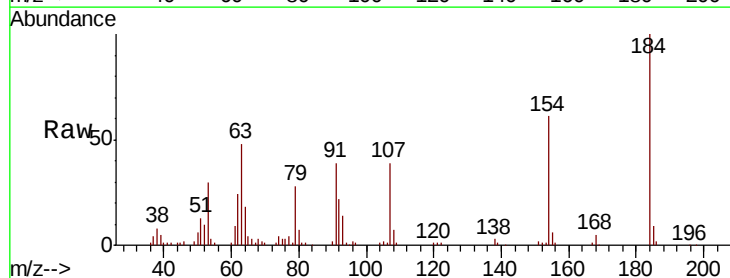


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

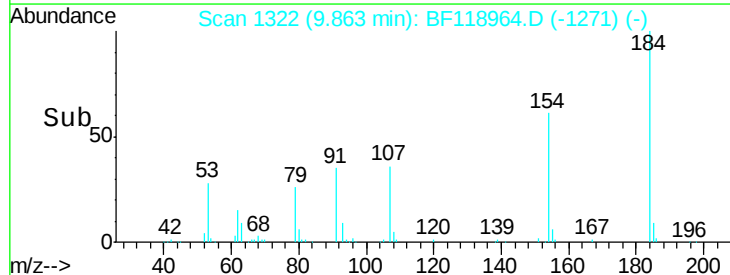
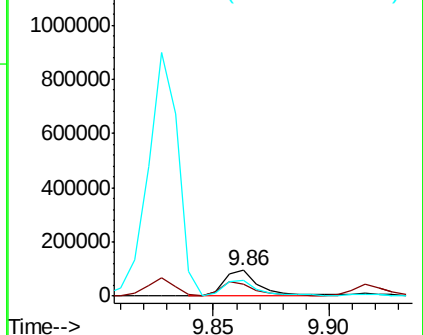


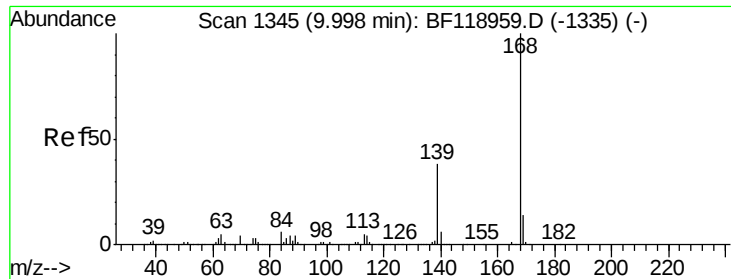
#54
2,4-Dinitrophenol
Concen: 36.674 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:184 Resp: 101432
Ion Ratio Lower Upper
184 100
63 48.3 37.8 56.6
154 61.0 47.6 71.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

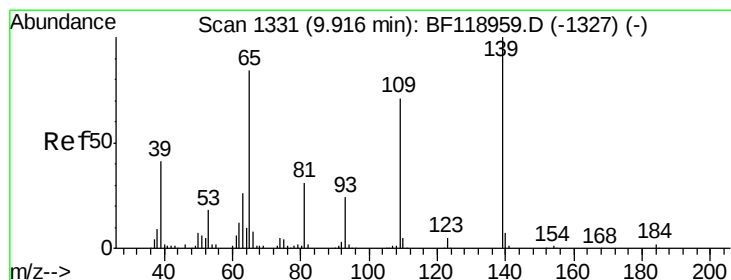
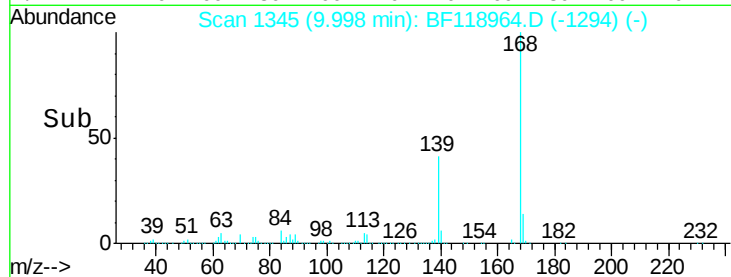
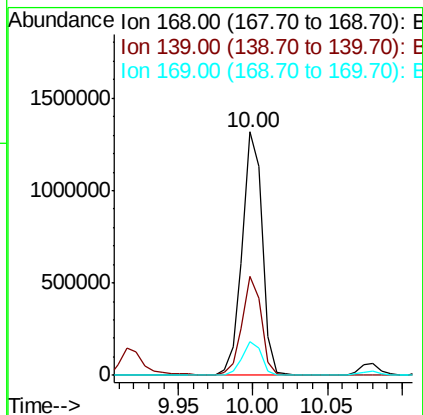
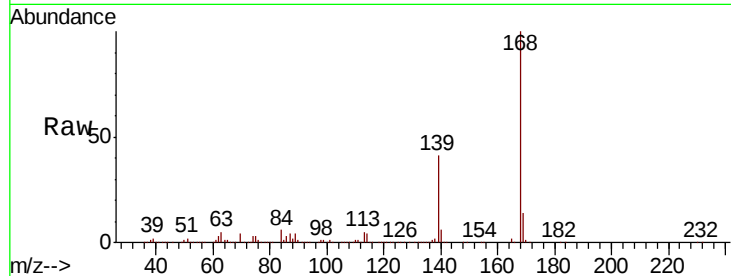




#55
Dibenzofuran
Concen: 38.160 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

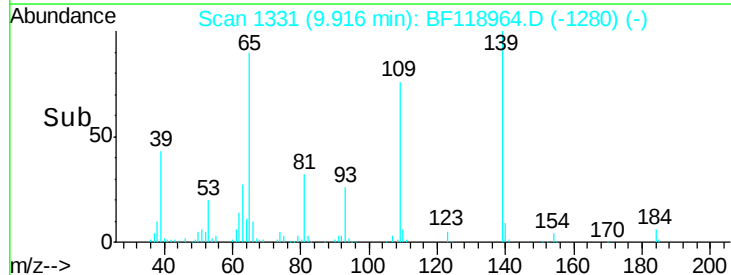
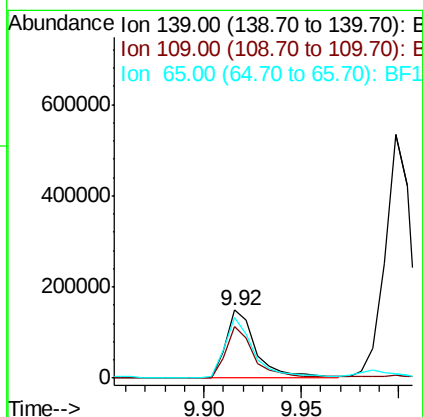
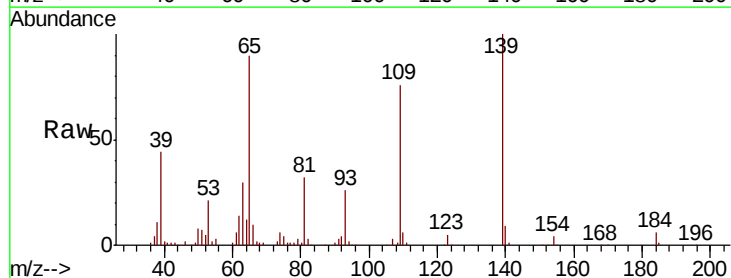
Instrument :
BNA_F
ClientSampleId :

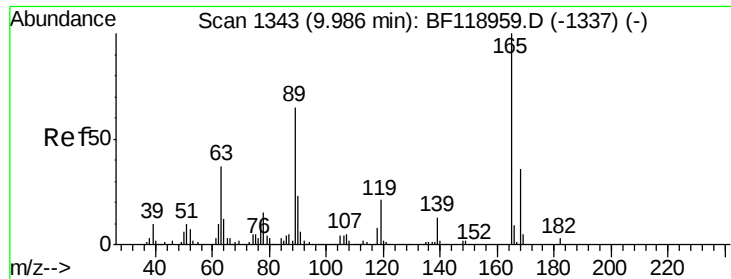
Tot Ion:168 Resp: 1232158
Ion Ratio Lower Upper
168 100
139 40.5 31.7 47.5
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 37.642 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:139 Resp: 162461
Ion Ratio Lower Upper
139 100
109 75.7 51.1 91.1
65 90.5 64.7 104.7

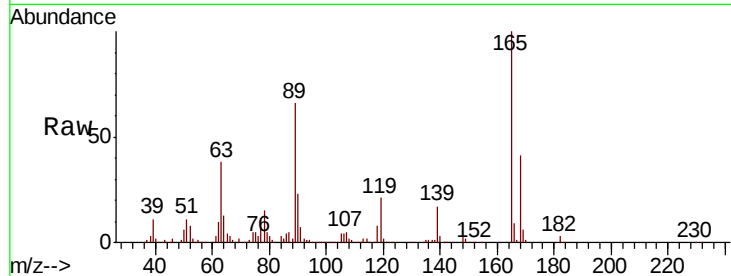




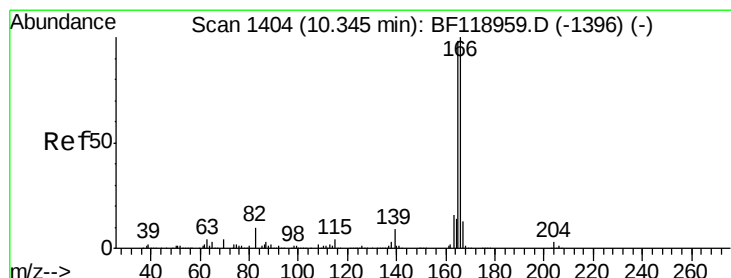
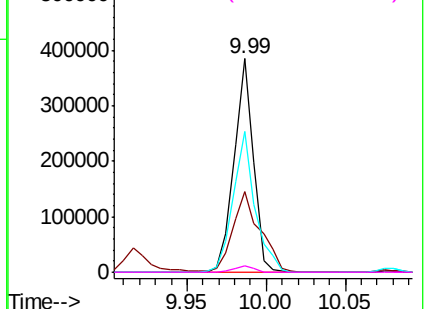
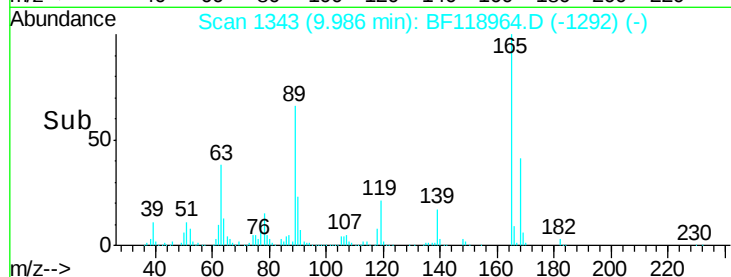
#57
 2,4-Dinitrotoluene
 Concen: 38.829 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	326115
Ion Ratio	Lower	Upper
165	100	
63	37.7	29.8 44.8
89	65.7	51.9 77.9
182	3.0	2.3 3.5

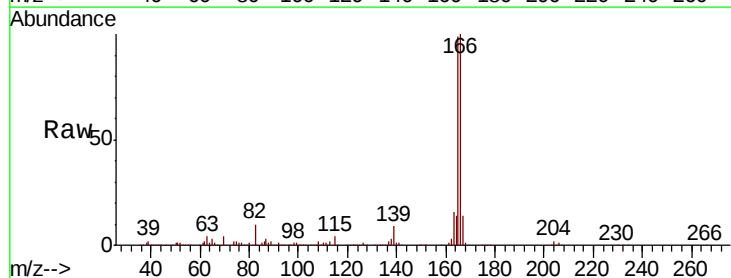


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

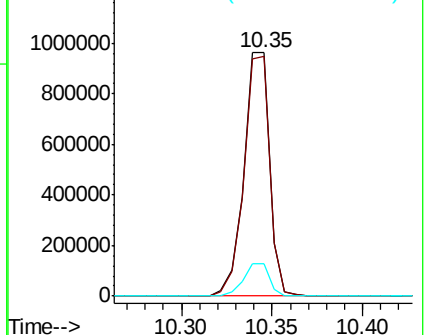
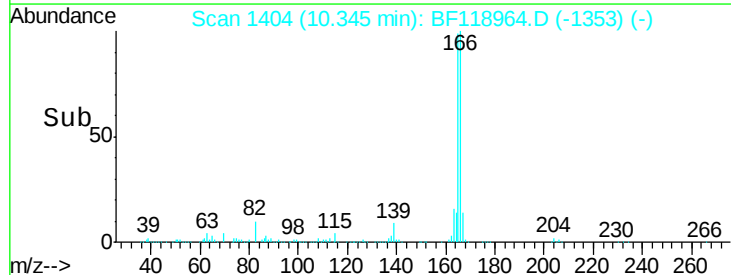


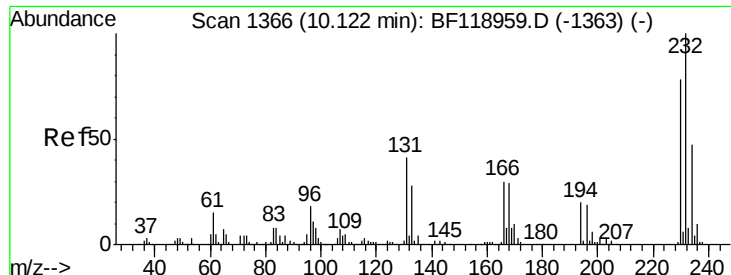
#58
 Fluorene
 Concen: 37.618 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion:166	Resp:	943857
Ion Ratio	Lower	Upper
166	100	
165	98.6	78.2 117.4
167	13.5	10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

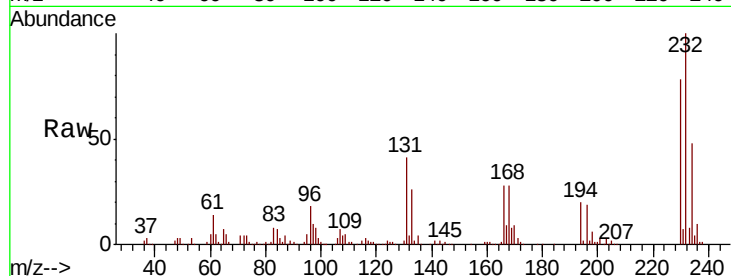




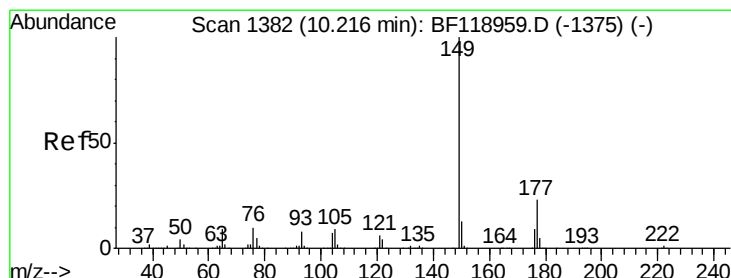
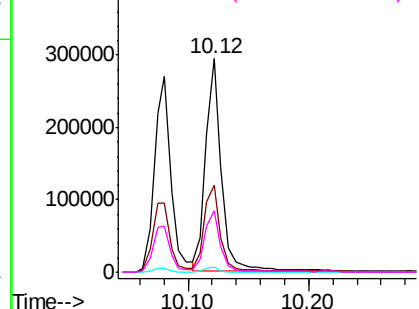
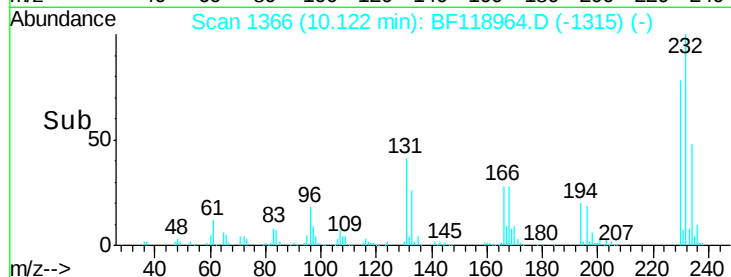
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.174 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	34.0	51.0
130	2.3	1.6	2.4
166	29.0	23.6	35.4

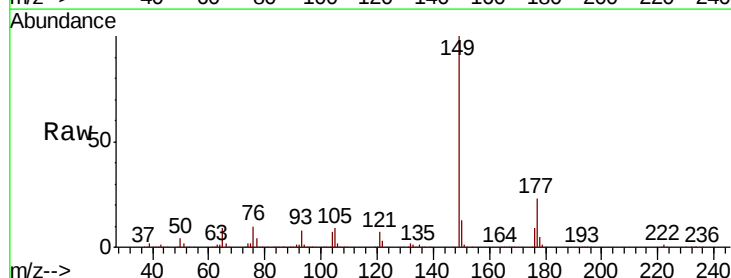


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

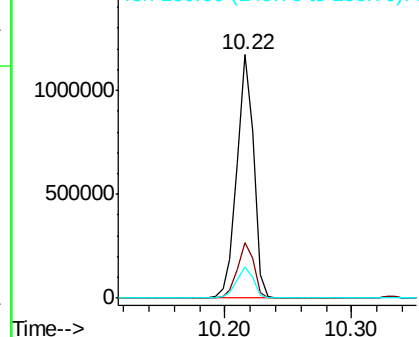
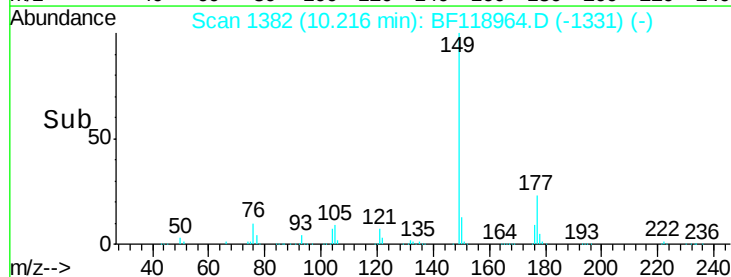


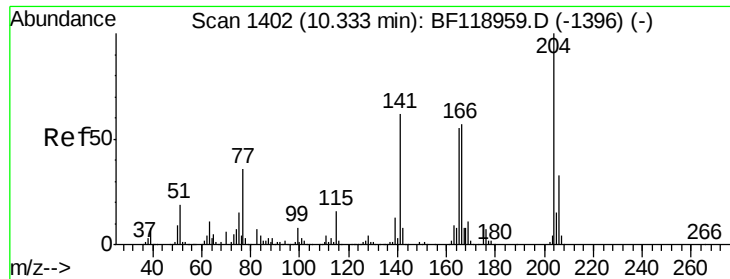
#60
Diethylphthalate
Concen: 38.414 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	12.7	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

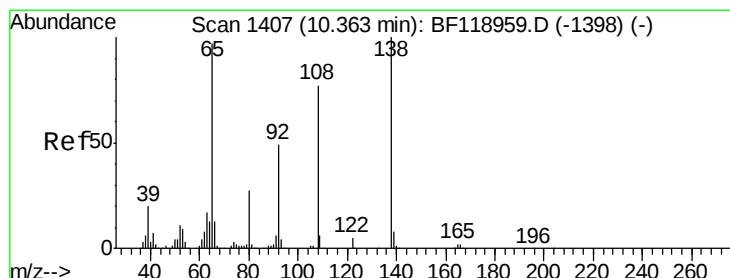
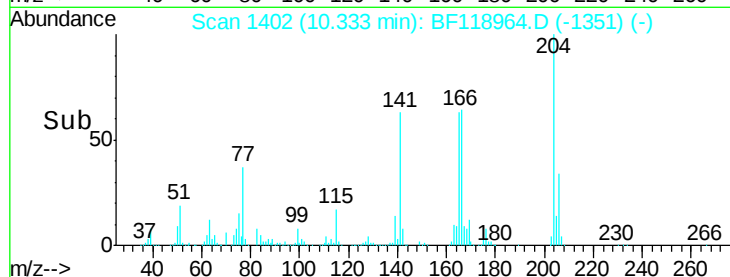
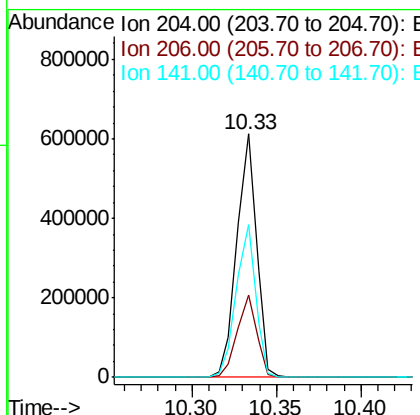
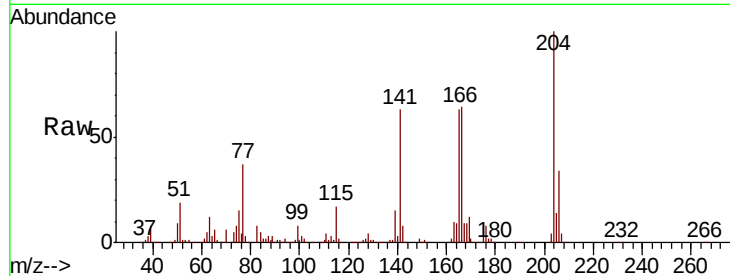




#61
 4-Chlorophenyl-phenylether
 Concen: 37.467 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

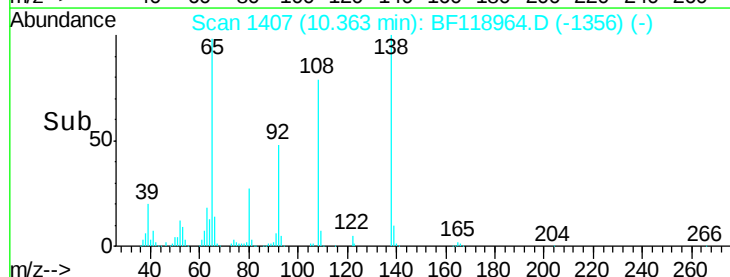
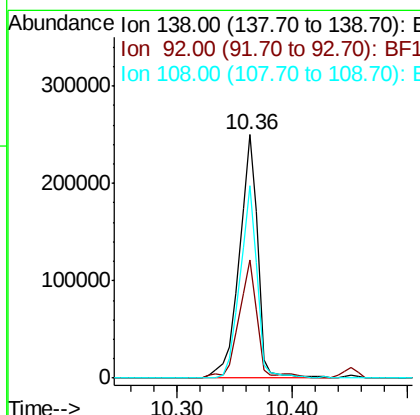
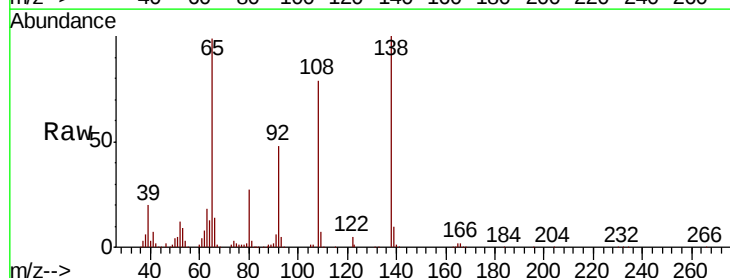
Instrument :
 BNA_F
 ClientSampleId :

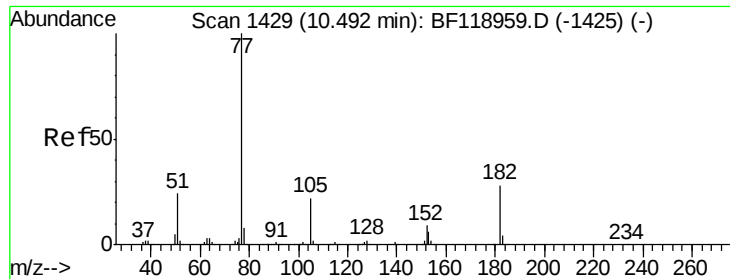
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.5	39.7
141	62.9	49.5	74.3



#62
 4-Nitroaniline
 Concen: 37.813 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	28.7	68.7
108	78.9	56.8	96.8





#63

Azobenzene

Concen: 38.005 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 907939

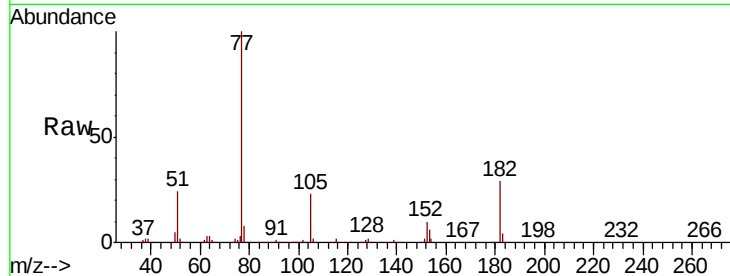
Ion Ratio Lower Upper

77 100

182 28.9 8.2 48.2

105 22.9 2.3 42.3

51 23.9 3.6 43.6

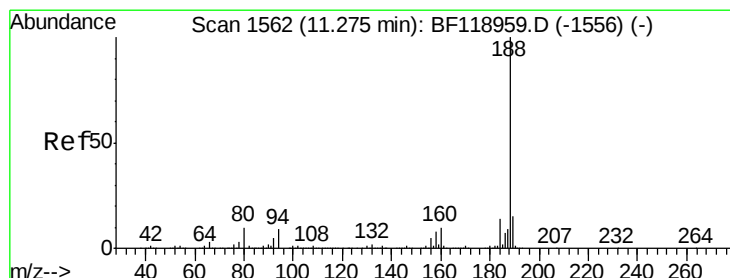
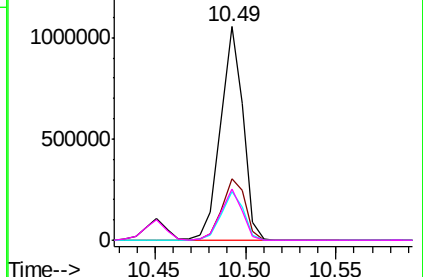
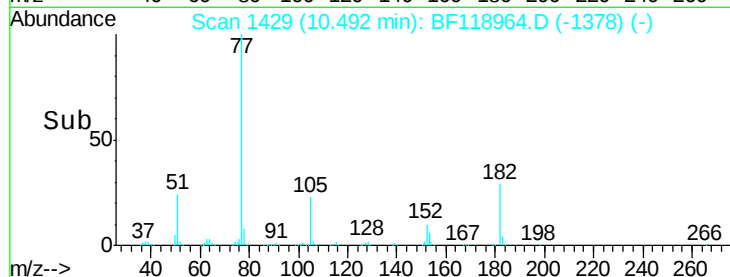


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

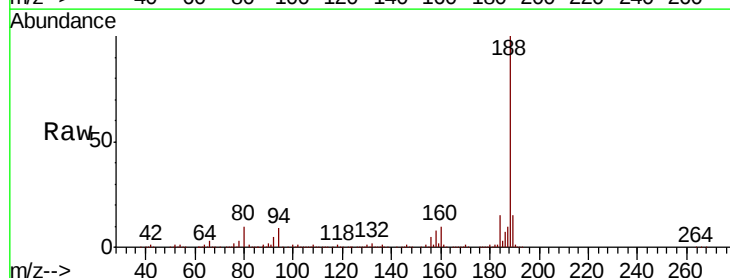
Tgt Ion: 188 Resp: 698307

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

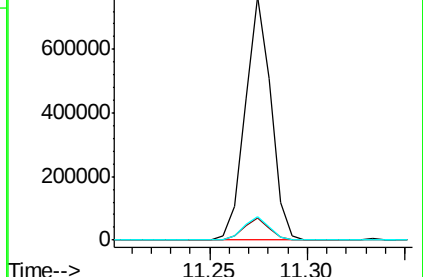
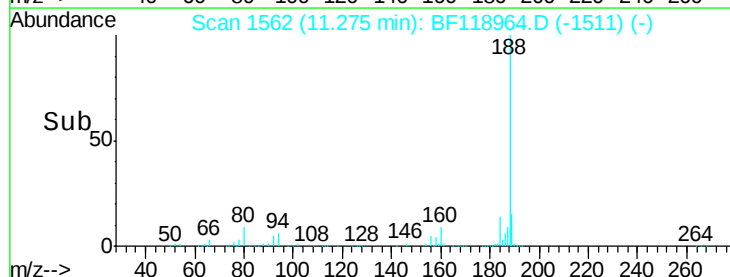
80 9.6 7.9 11.9

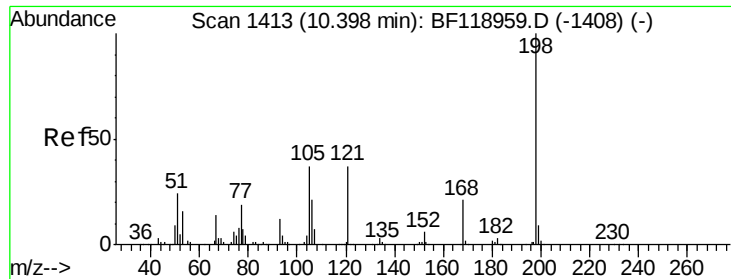


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.963 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

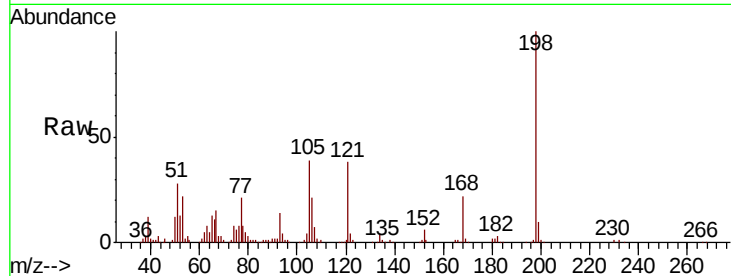
Tot Ion:198 Resp: 164638

Ion Ratio Lower Upper

198 100

51 28.3 7.1 47.1

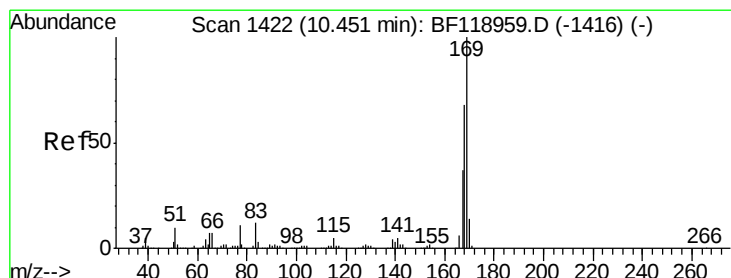
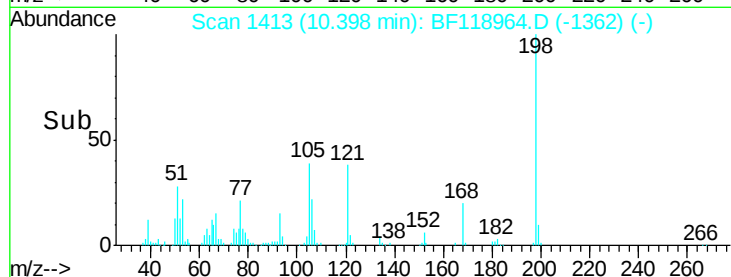
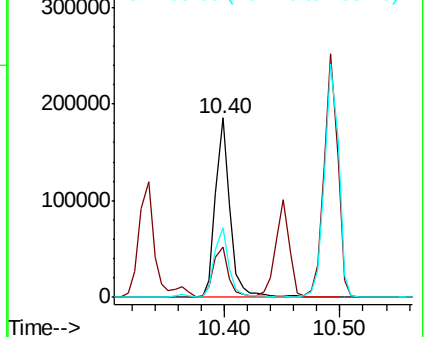
105 39.0 18.3 58.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.353 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

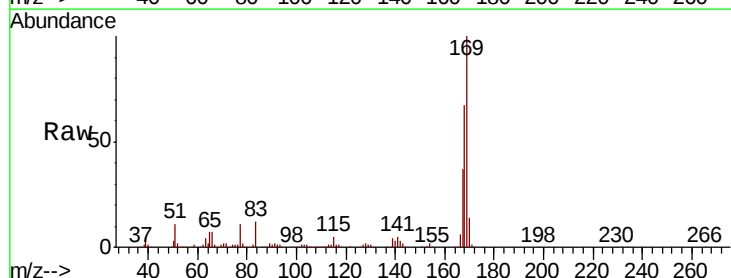
Tgt Ion:169 Resp: 854090

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

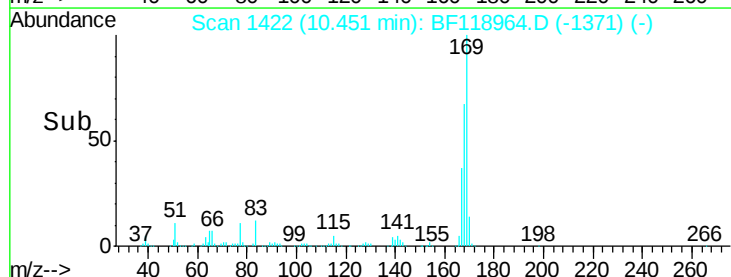
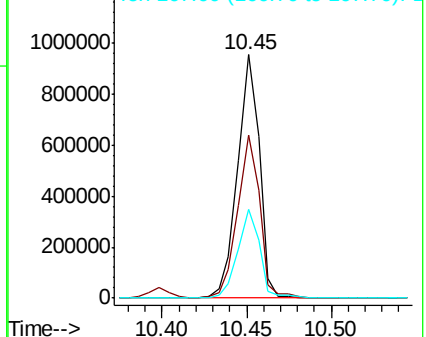
167 36.7 29.4 44.2

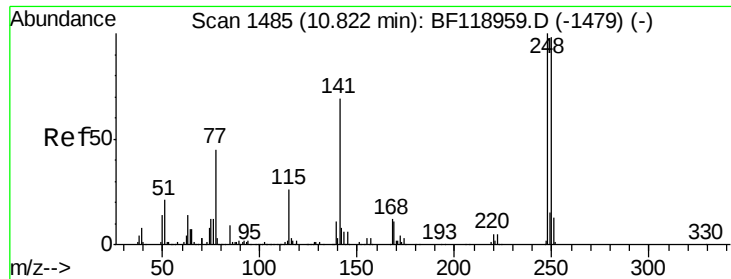


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

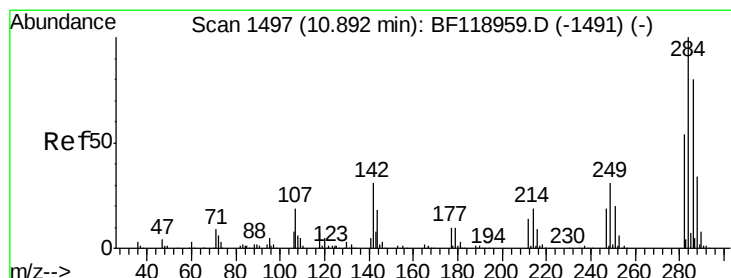
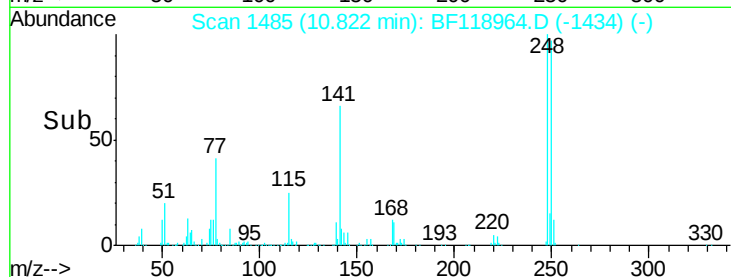
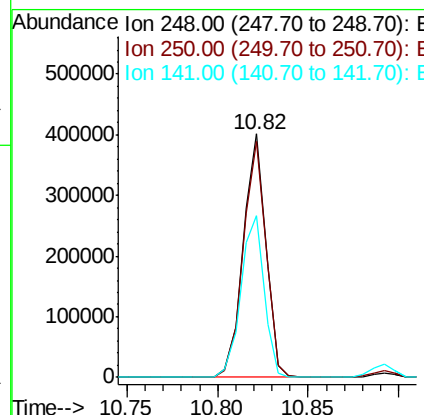
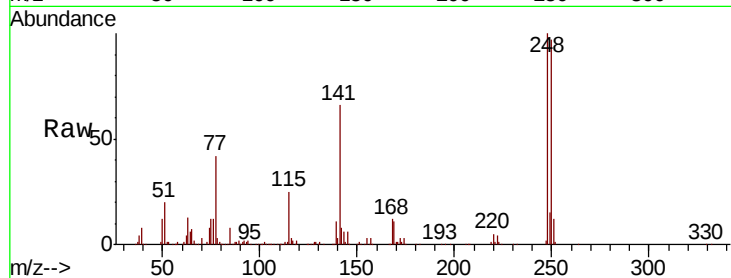




#67
4-Bromophenyl-phenylether
Concen: 38.143 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

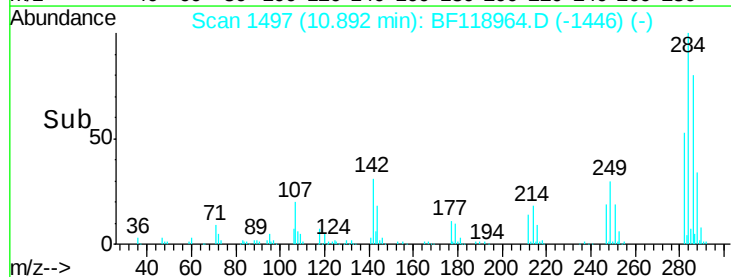
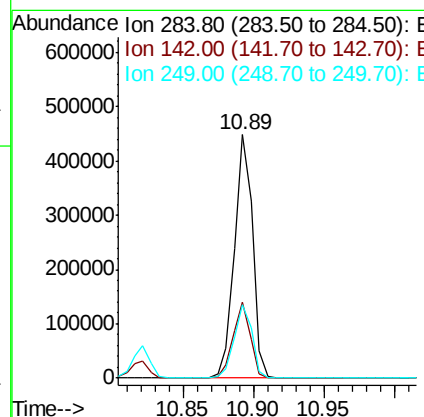
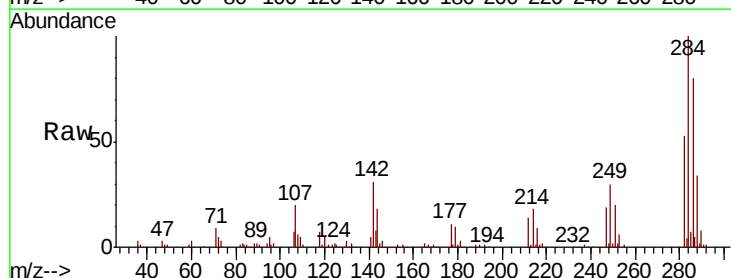
Instrument :
BNA_F
ClientSampled :

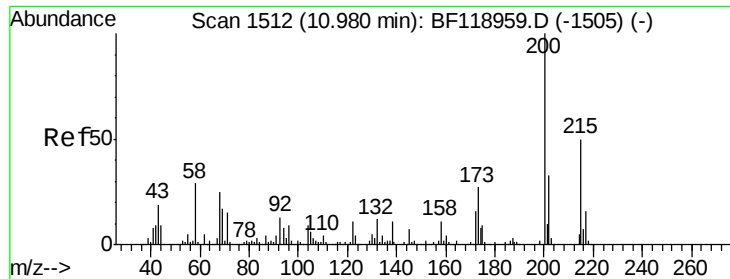
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.8	118.2
141	66.4	55.3	82.9



#68
Hexachlorobenzene
Concen: 37.972 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.0	37.6
249	30.1	25.0	37.4

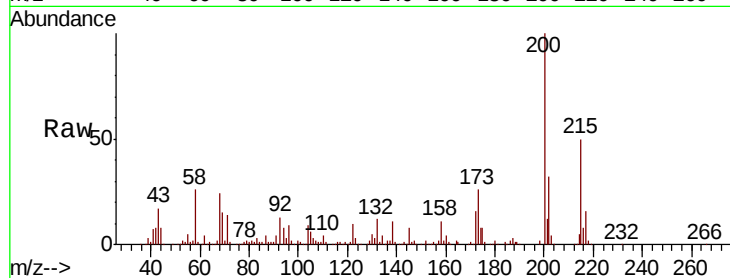




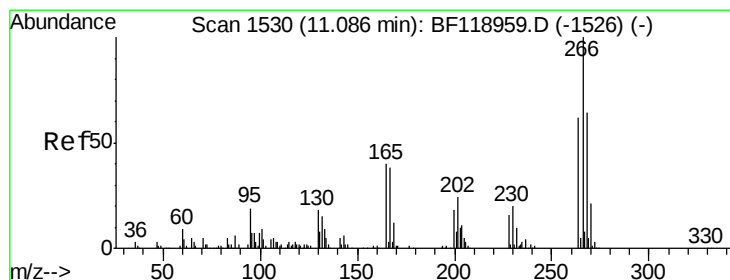
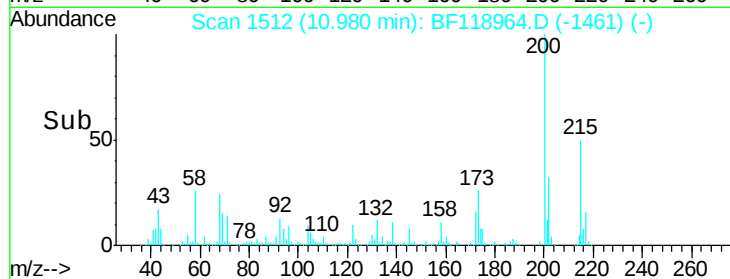
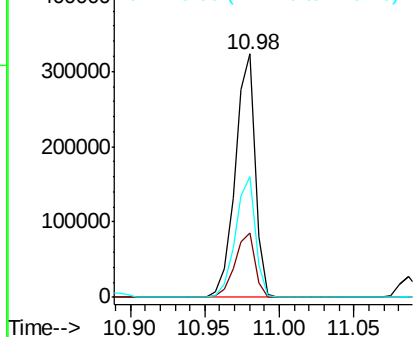
#69
Atrazine
Concen: 38.177 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.9	46.9
215	49.7	29.7	69.7

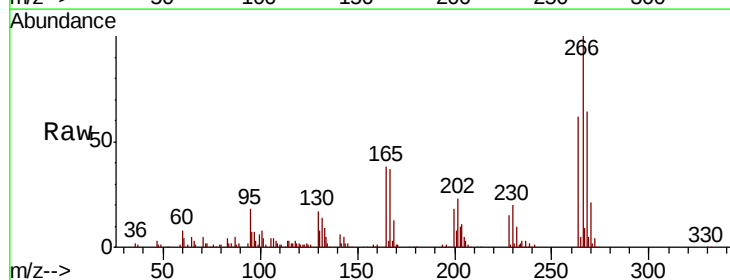


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

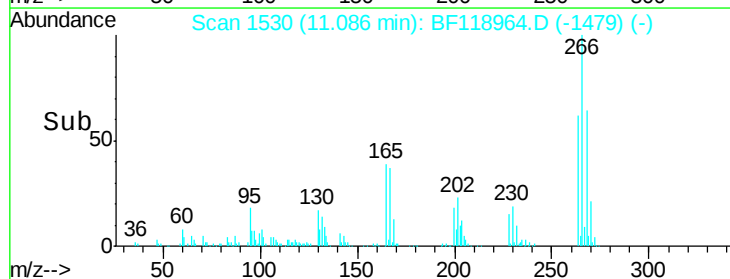
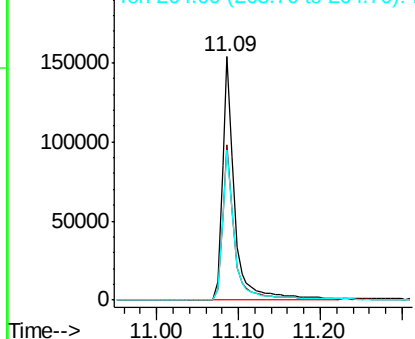


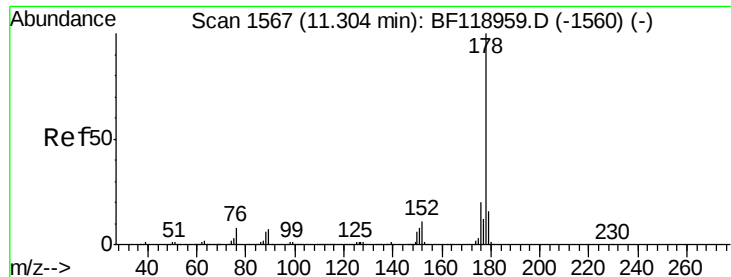
#70
Pentachlorophenol
Concen: 38.339 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.4	77.0
264	61.5	49.5	74.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

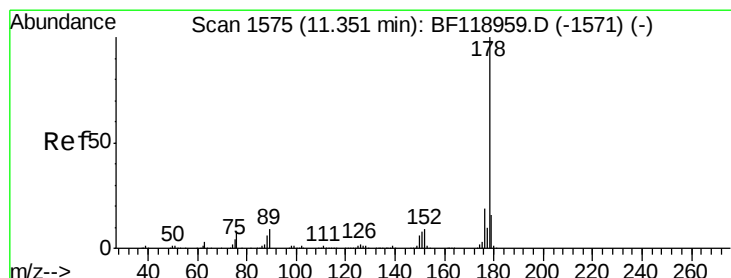
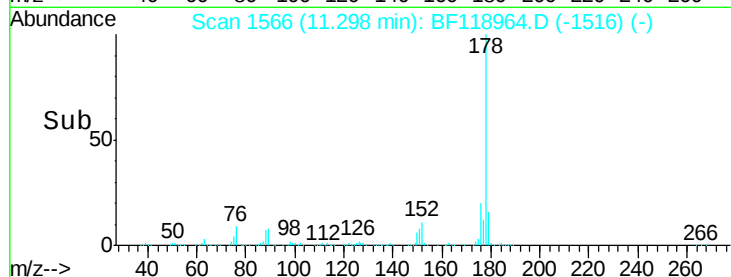
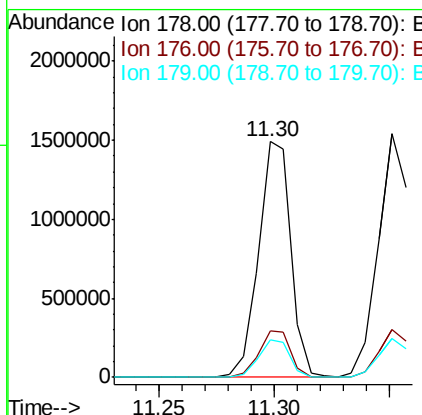
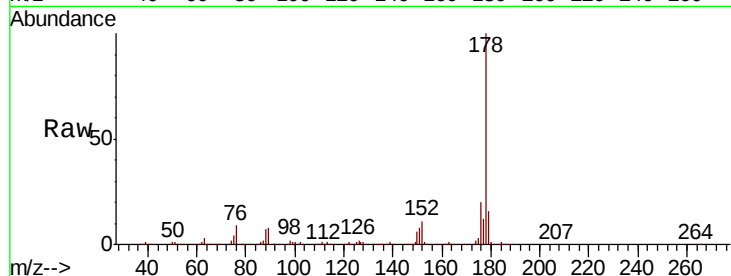




#71
 Phenanthrene
 Concen: 38.167 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

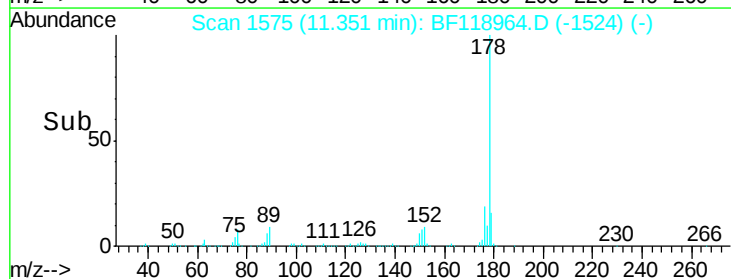
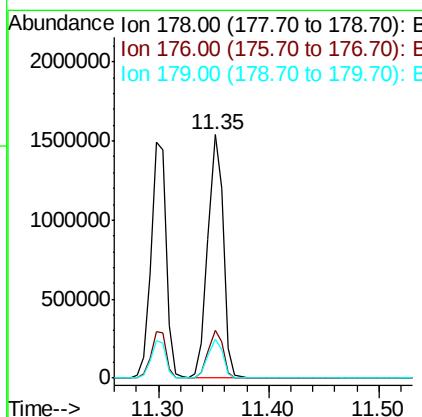
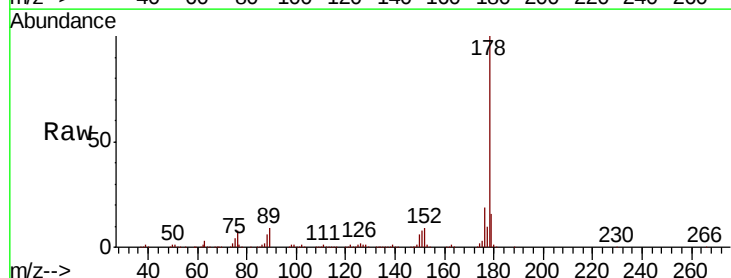
Instrument :
 BNA_F
 ClientSampleId :

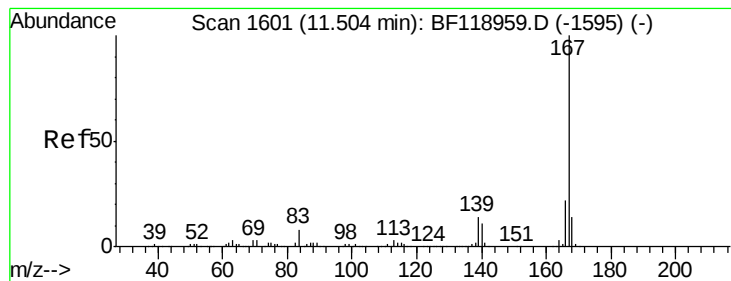
Tot Ion:178 Resp: 1453473
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 16.0 12.6 18.8



#72
 Anthracene
 Concen: 38.080 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion:178 Resp: 1448960
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.0 12.8 19.2





#73

Carbazole

Concen: 38.090 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

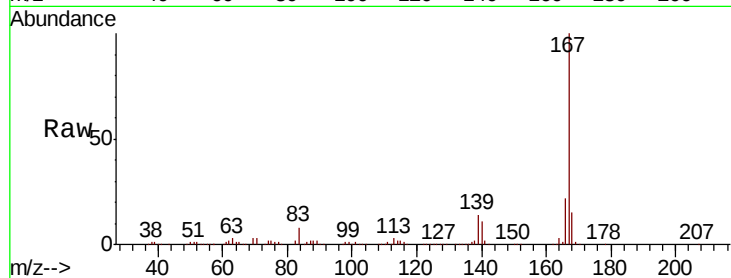
Tot Ion:167 Resp: 1291184

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

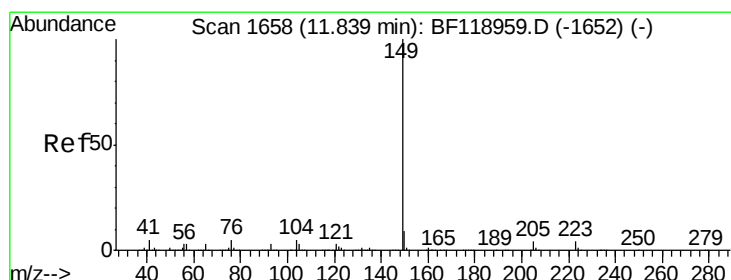
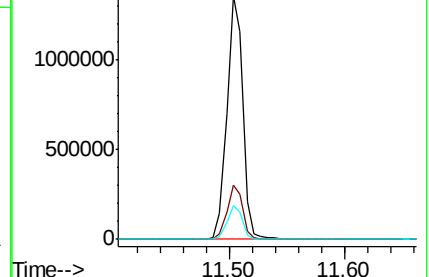
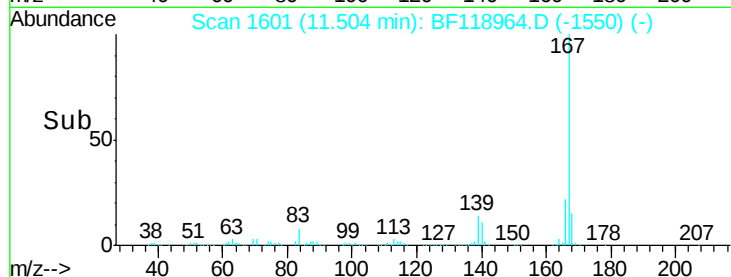
139 13.9 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.015 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

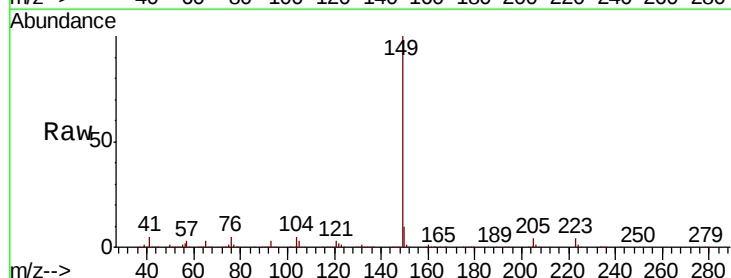
Tgt Ion:149 Resp: 1601607

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

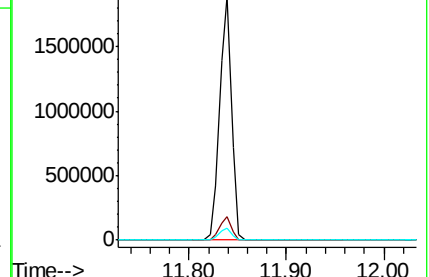
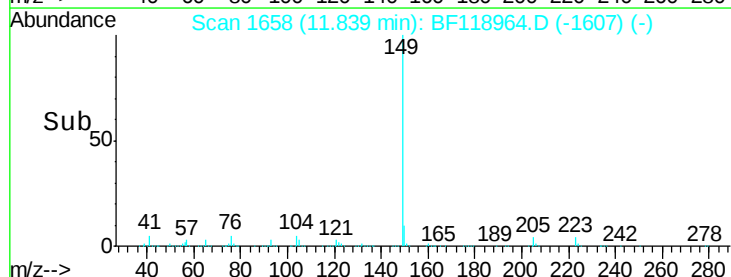
104 5.0 4.0 6.0

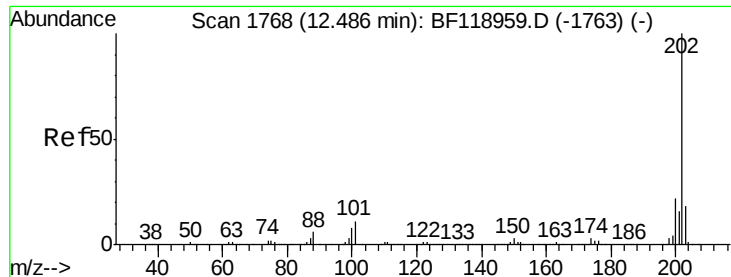


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



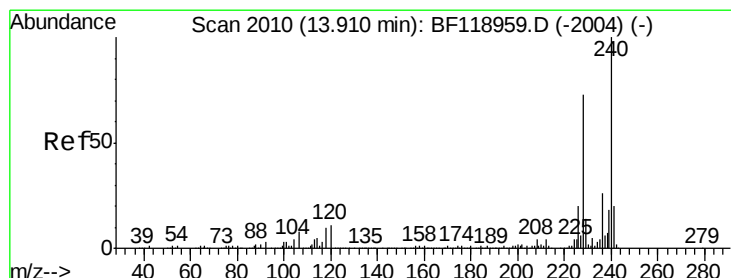
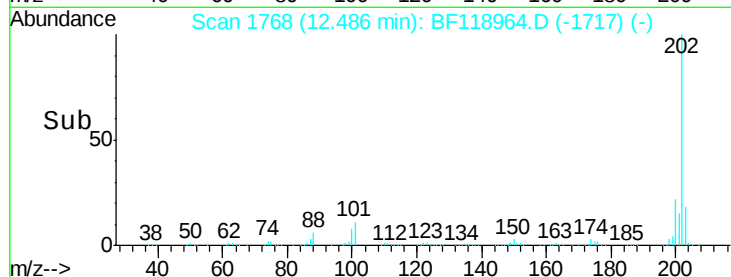
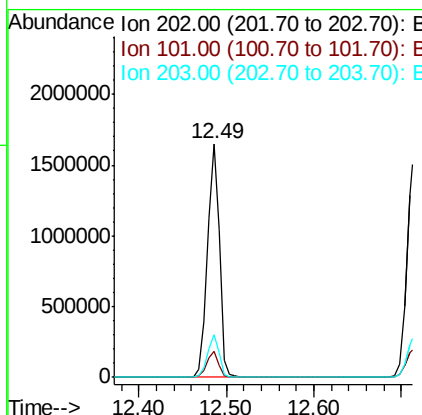
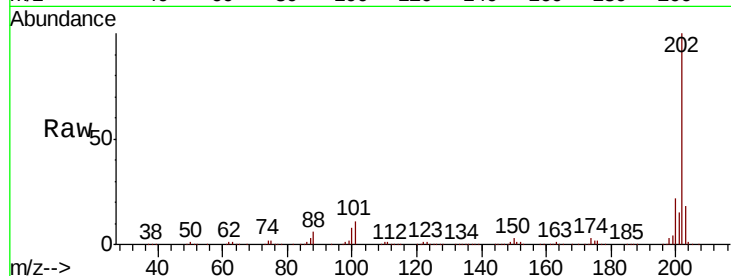


#75
 Fluoranthene
 Concen: 38.729 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1565553

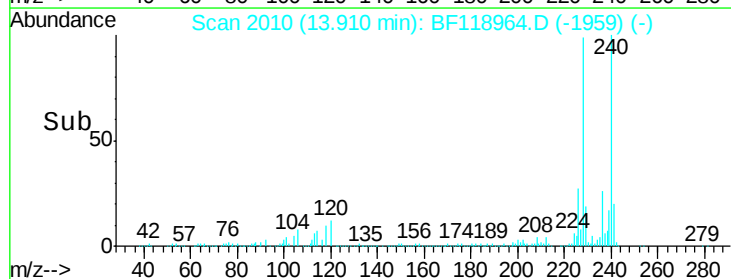
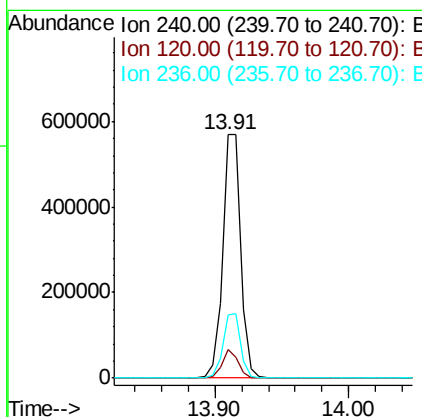
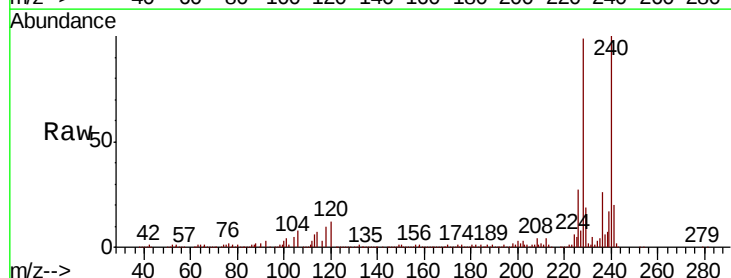
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.1
203	18.1	0.0	38.1

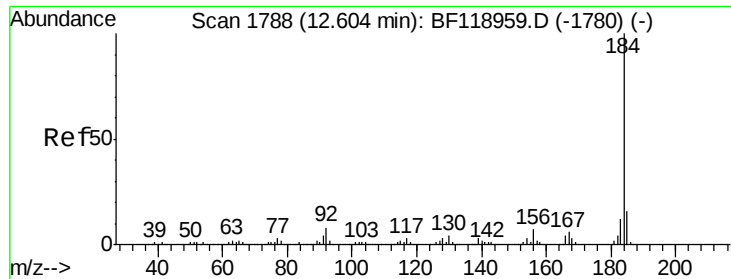


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF118964.D
 Acq: 20 Feb 2020 17:35

Tgt Ion:240 Resp: 542058

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	26.1	20.6	30.8





#77

Benzidine

Concen: 35.860 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

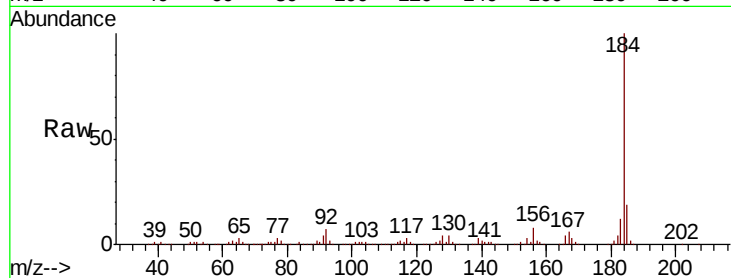
Tot Ion:184 Resp: 790533

Ion Ratio Lower Upper

184 100

185 18.5 12.6 19.0

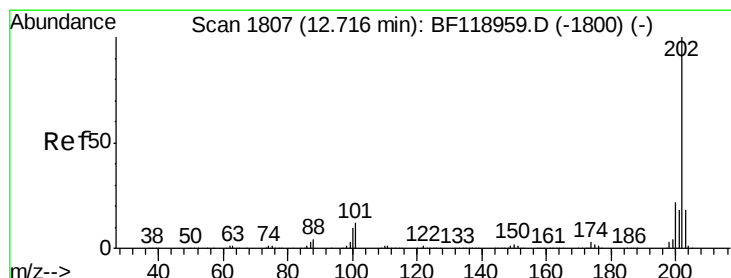
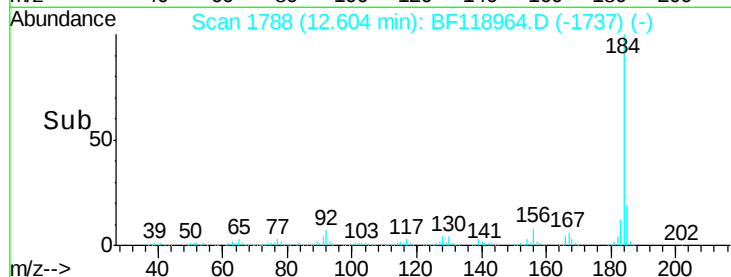
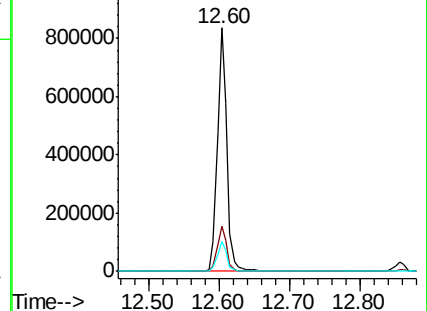
183 12.4 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.035 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

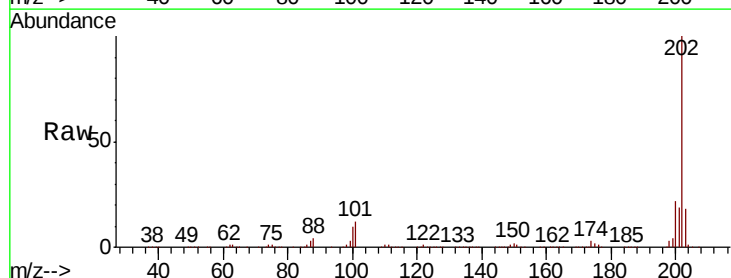
Tgt Ion:202 Resp: 1568464

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.0

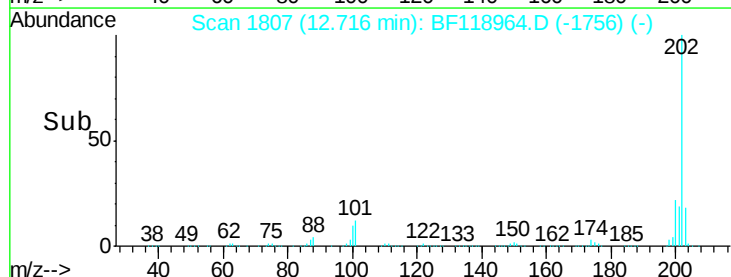
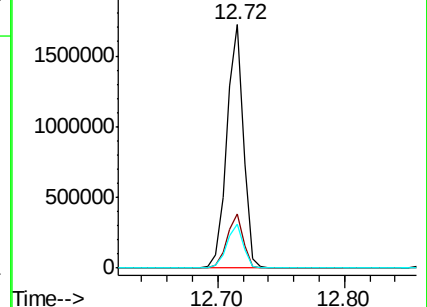
203 18.0 14.5 21.7

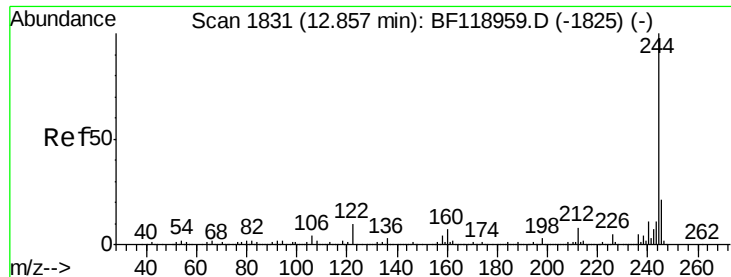


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.355 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

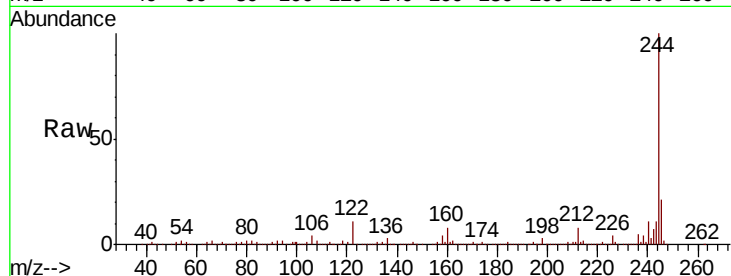
Tot Ion:244 Resp: 2278060

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

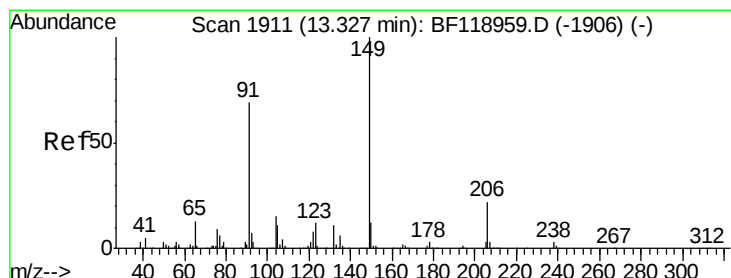
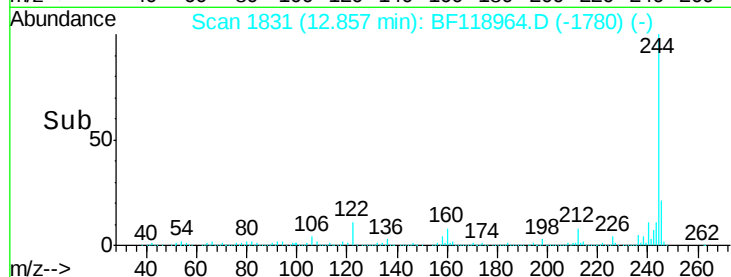
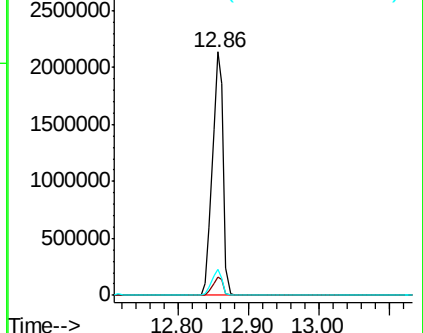
122 10.7 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.620 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

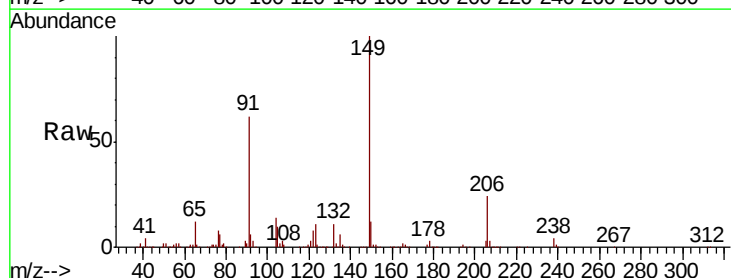
Tgt Ion:149 Resp: 689165

Ion Ratio Lower Upper

149 100

91 61.8 55.4 83.2

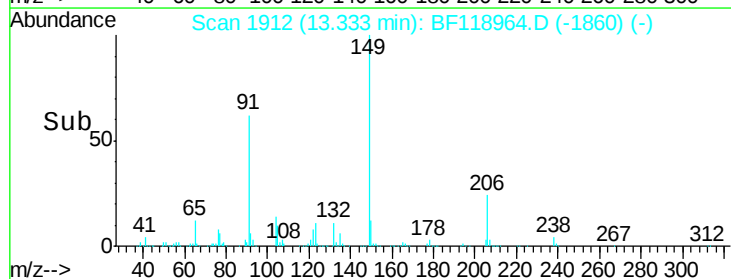
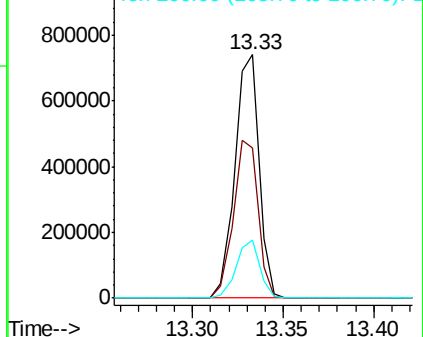
206 23.8 17.7 26.5

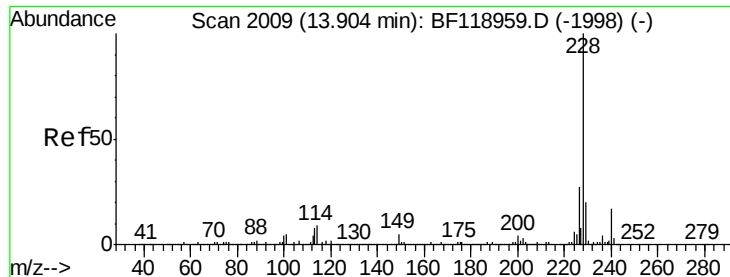


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.732 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

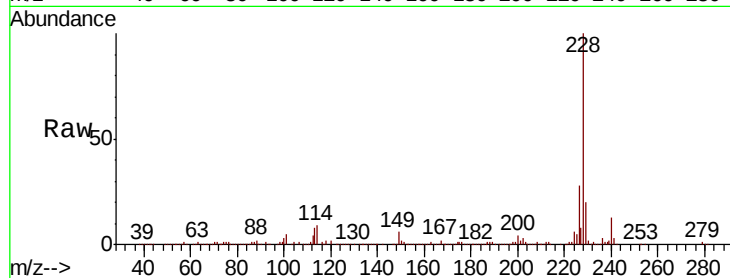
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1393591

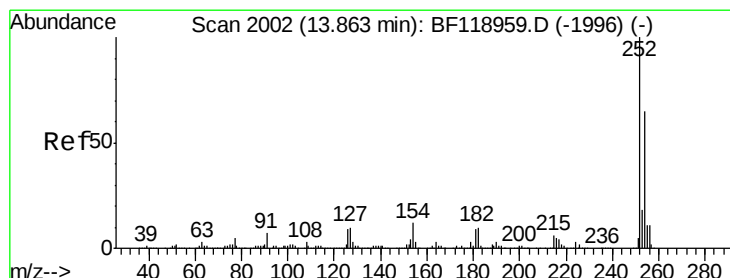
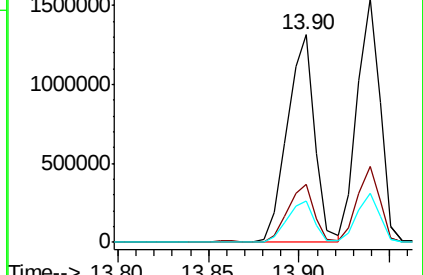
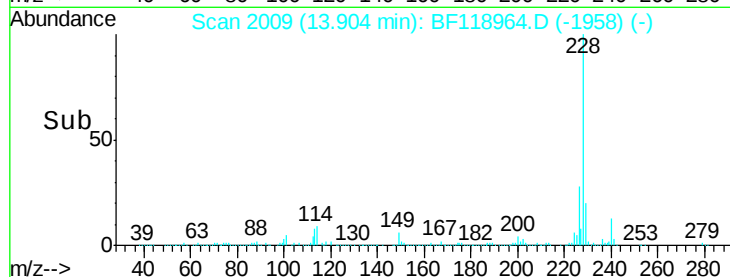
Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	19.9	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.882 ng

RT: 13.86 min Scan# 2002

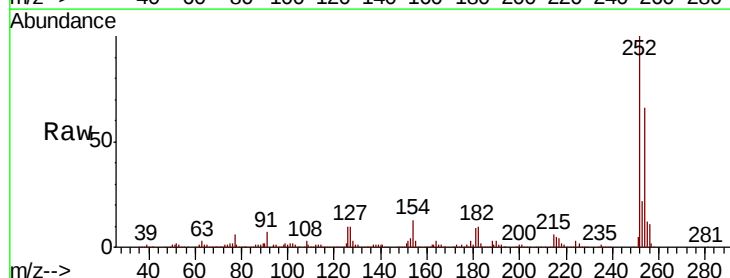
Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Tgt Ion:252 Resp: 543290

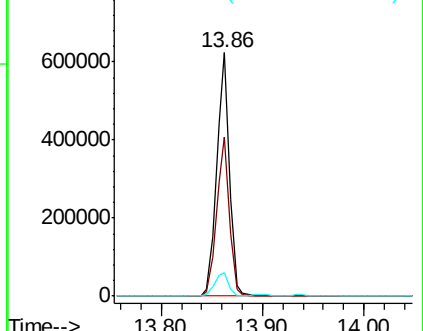
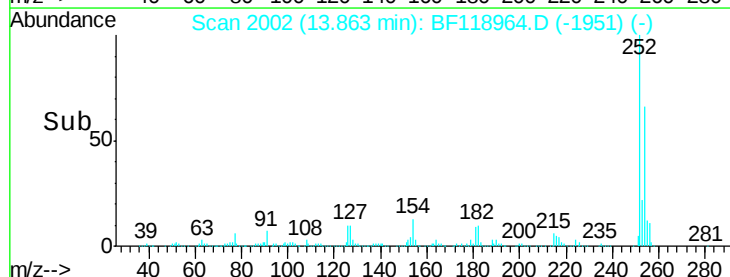
Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	9.6	7.3	10.9

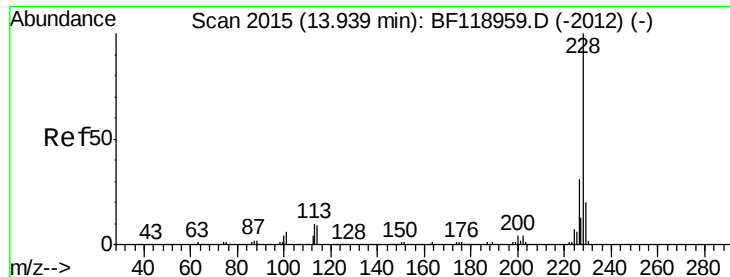


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.220 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

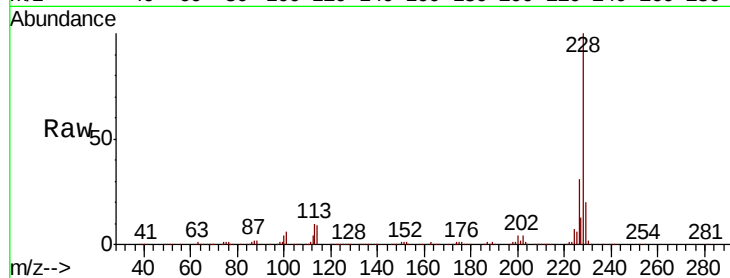
Tot Ion:228 Resp: 1369746

Ion Ratio Lower Upper

228 100

226 31.0 24.6 37.0

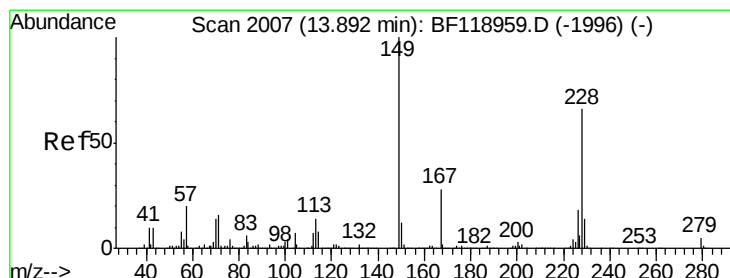
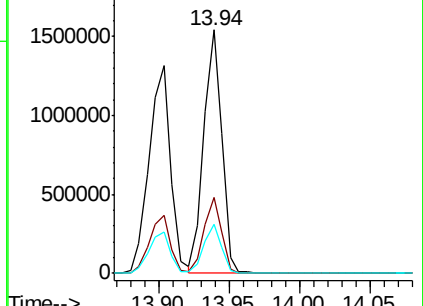
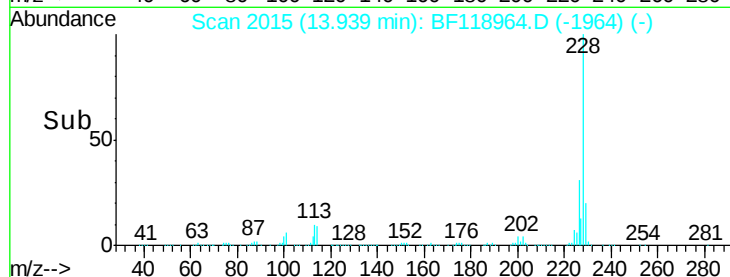
229 20.1 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.729 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

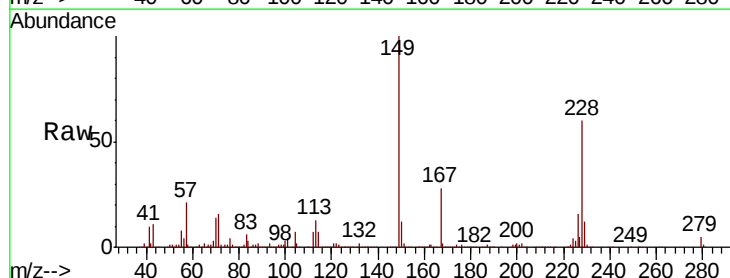
Tgt Ion:149 Resp: 896329

Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

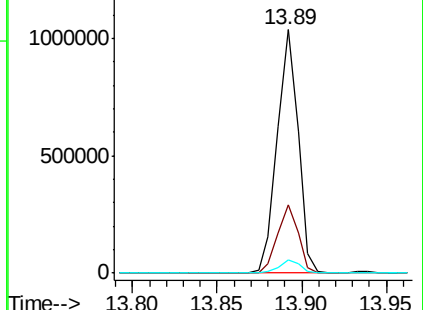
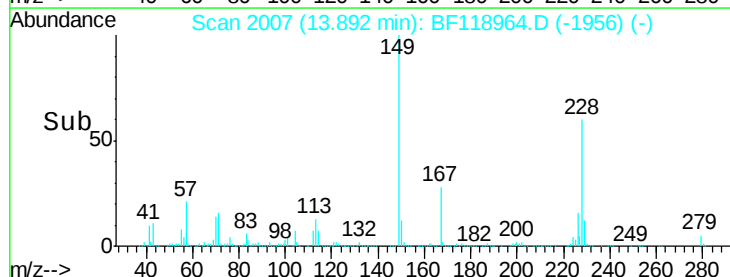
279 5.4 4.2 6.4

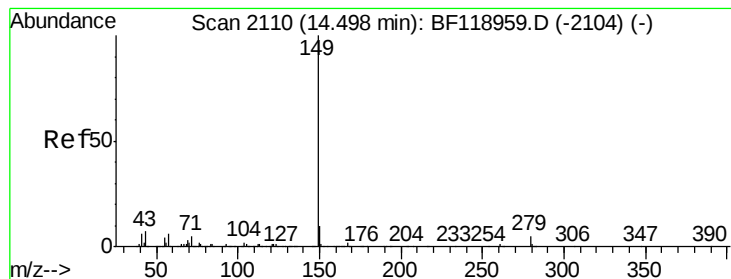


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.942 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

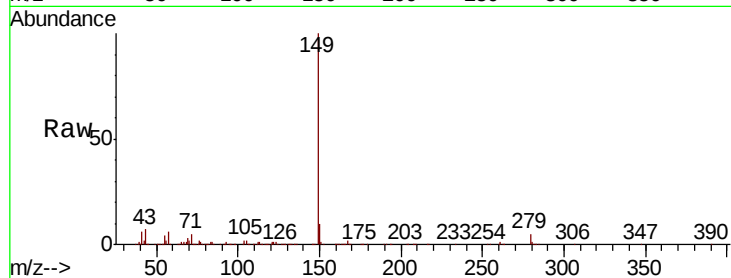
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1509713

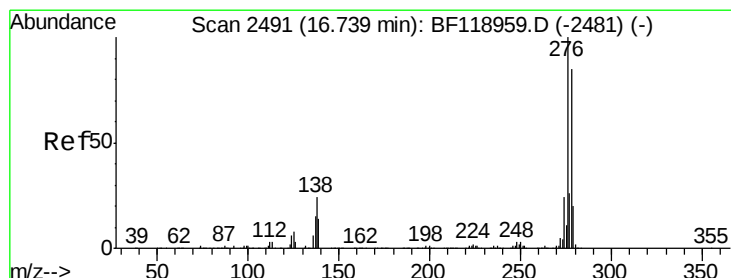
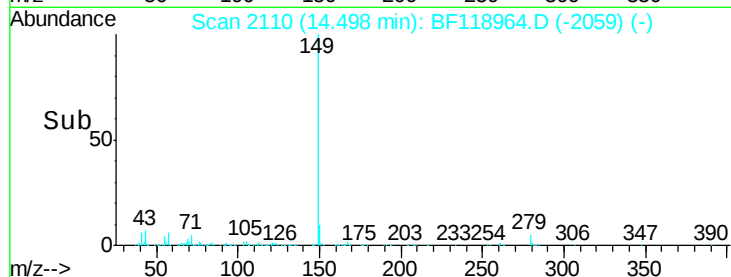
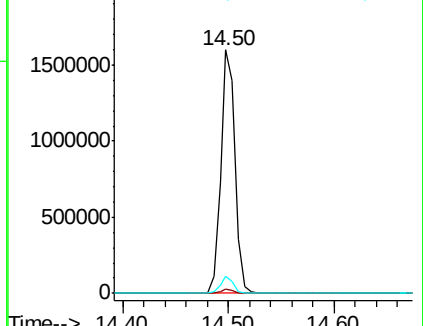
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.5	5.2	7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.364 ng

RT: 16.74 min Scan# 2491

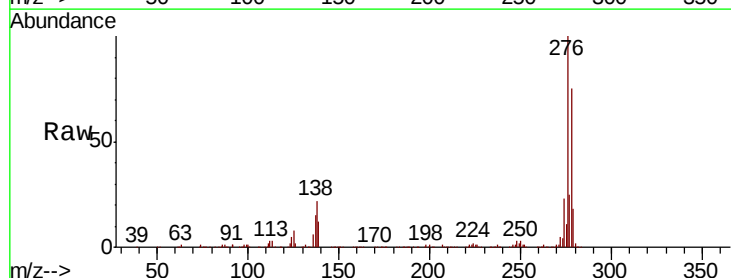
Delta R.T. -0.00 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Tgt Ion:276 Resp: 1331435

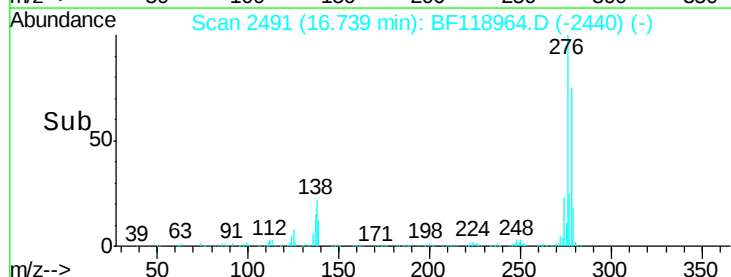
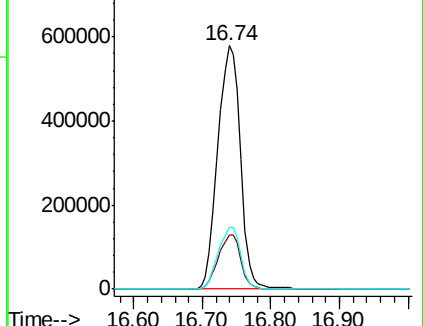
Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.7	28.1
277	25.2	20.3	30.5

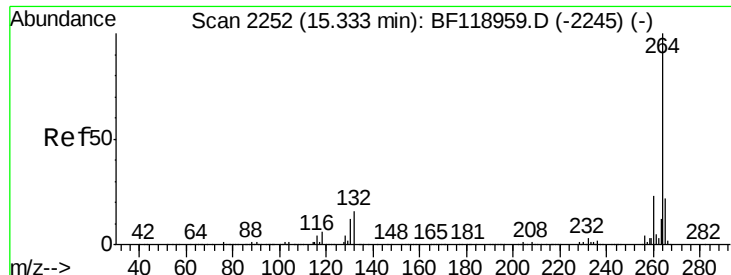


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

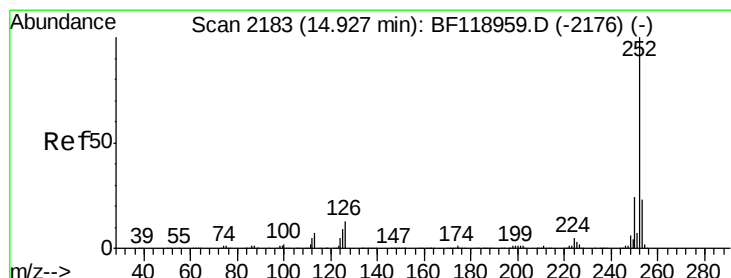
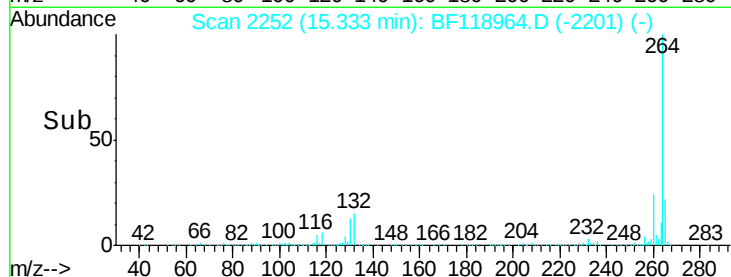
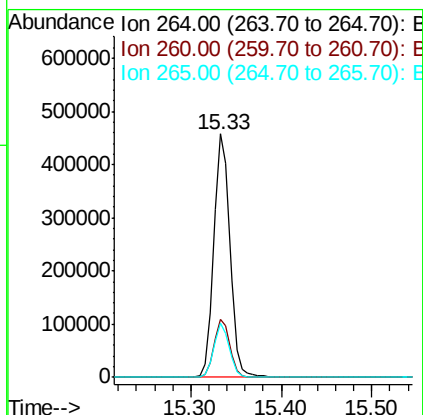
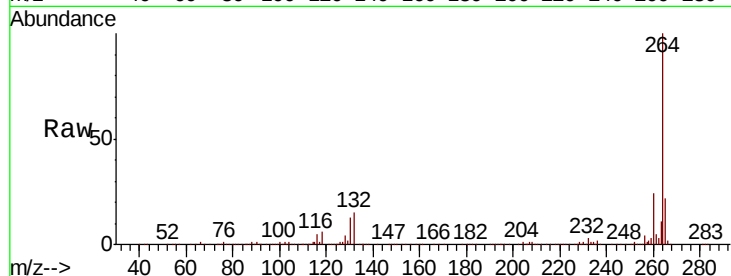




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

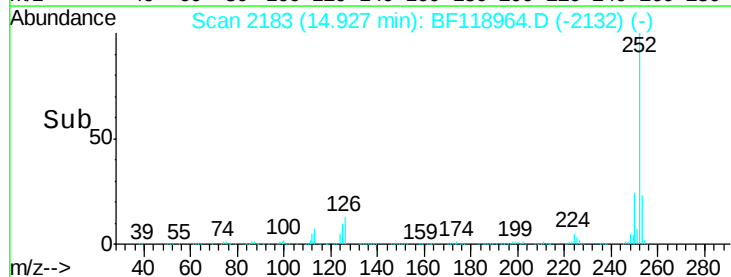
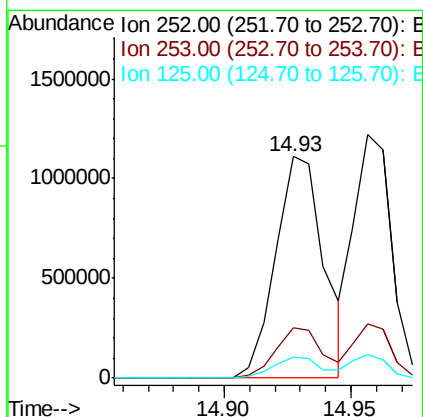
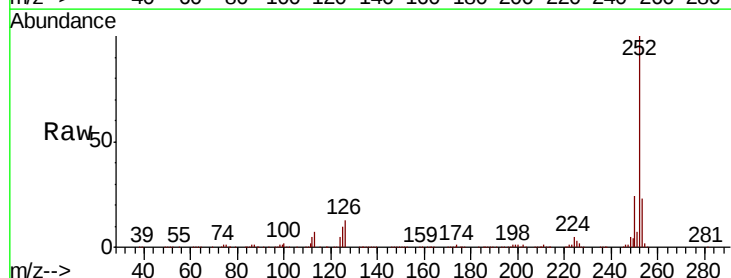
Instrument :
BNA_F
ClientSampleId :

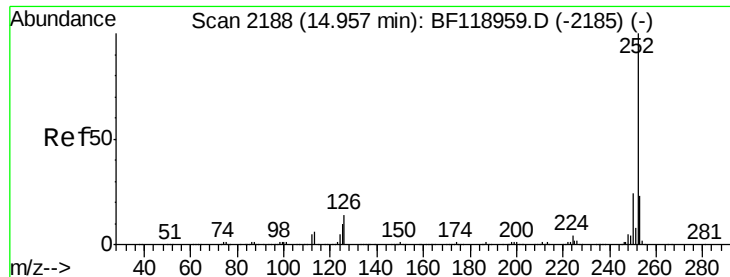
Tot Ion:264 Resp: 566621
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.1 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 39.318 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:252 Resp: 1468480
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.7 7.4 11.0

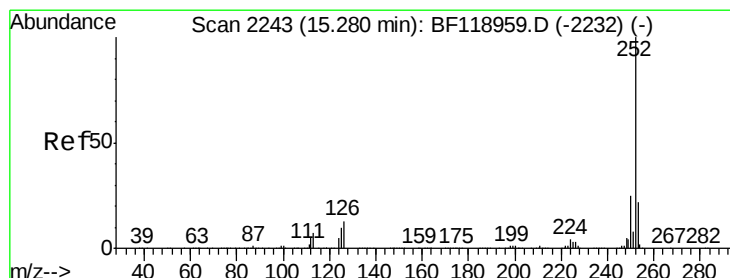
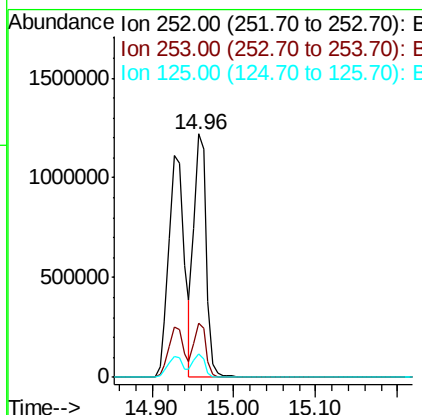
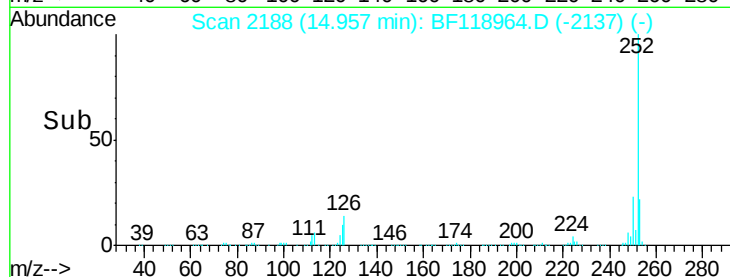
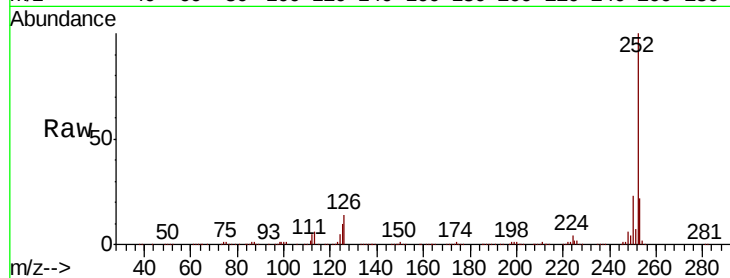




#89
Benzo(k)fluoranthene
Concen: 37.014 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

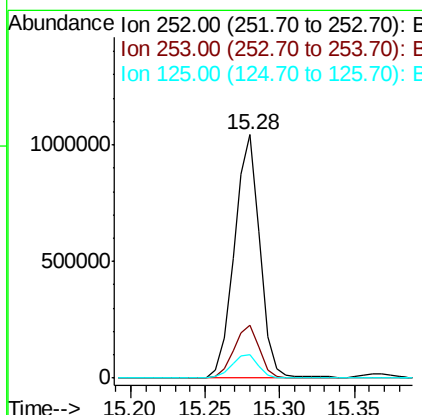
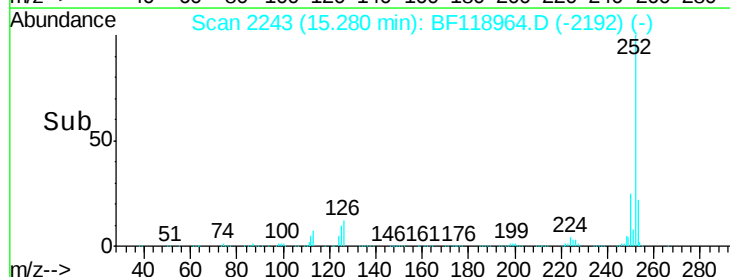
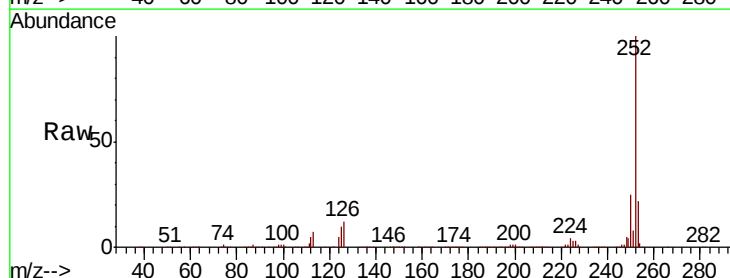
Instrument :
BNA_F
ClientSampleId :

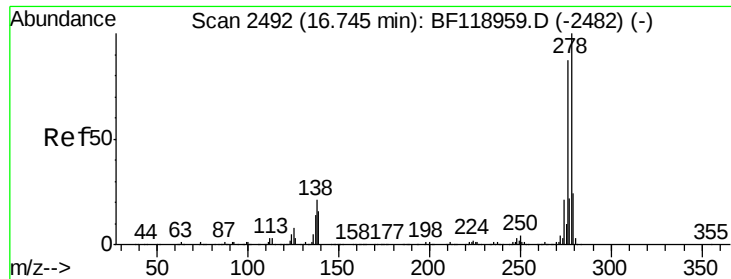
Tot Ion:252 Resp: 1281121
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 36.963 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF118964.D
Acq: 20 Feb 2020 17:35

Tgt Ion:252 Resp: 1245935
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.6 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 36.956 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

Instrument :

BNA_F

ClientSampleId :

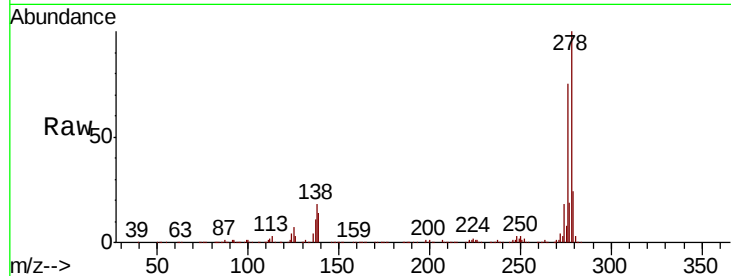
Tot Ion:278 Resp: 1096092

Ion Ratio Lower Upper

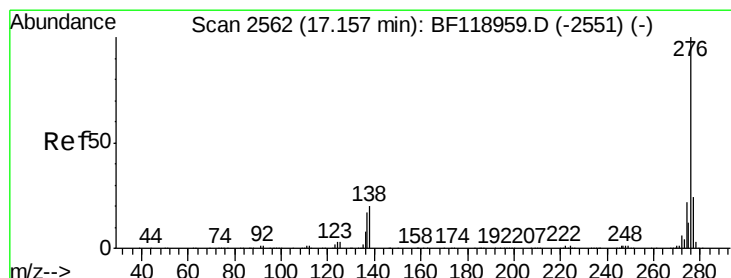
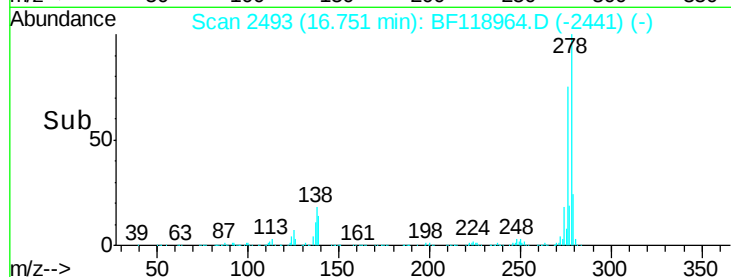
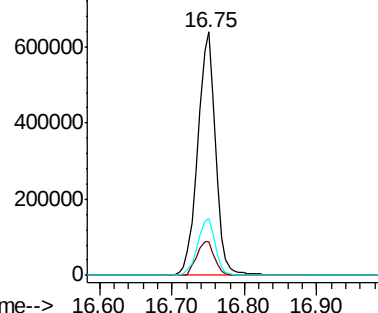
278 100

139 13.7 12.6 18.8

279 23.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.947 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BF118964.D

Acq: 20 Feb 2020 17:35

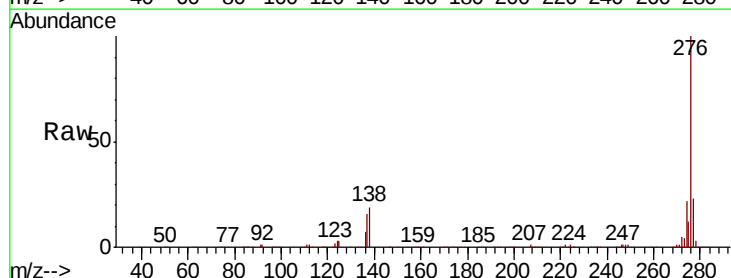
Tgt Ion:276 Resp: 1053429

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 18.8 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

