

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119020.D
 Acq On : 24 Feb 2020 13:37
 Operator : CG/JU
 Sample : PB126979BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:23:22 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	172420	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	662331	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	379642	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	722681	20.00	ng	0.00
76) Chrysene-d12	13.92	240	519293	20.00	ng	0.00
87) Perylene-d12	15.34	264	405677	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1077672	104.45	ng	0.01
7) Phenol-d6	6.40	99	1330461	106.03	ng	0.00
23) Nitrobenzene-d5	7.32	82	793307	63.24	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	514711	103.64	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1637325	63.54	ng	0.00
79) Terphenyl-d14	12.86	244	1961919	65.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	154352	33.602	ng	100
3) Pyridine	3.29	79	369681	29.468	ng	99
4) n-Nitrosodimethylamine	3.22	42	143635	37.795	ng	95
6) Aniline	6.42	93	411829	26.599	ng	# 20
8) 2-Chlorophenol	6.55	128	449421	40.364	ng	95
9) Benzaldehyde	6.30	77	197979	23.616	ng	99
10) Phenol	6.42	94	529275	39.014	ng	93
11) bis(2-Chloroethyl)ether	6.49	93	405014	39.018	ng	99
12) 1,3-Dichlorobenzene	6.70	146	491064	36.797	ng	99
13) 1,4-Dichlorobenzene	6.77	146	494763	37.049	ng	99
14) 1,2-Dichlorobenzene	6.93	146	463403	38.049	ng	99
15) Benzyl Alcohol	6.90	79	383166	42.252	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	334124	37.159	ng	89
17) 2-Methylphenol	7.02	107	370513	41.044	ng	95
18) Hexachloroethane	7.27	117	176702	36.985	ng	99
19) n-Nitroso-di-n-propylamine	7.17	70	296641	40.572	ng	98
20) 3+4-Methylphenols	7.17	107	458455	41.453	ng	# 78
22) Acetophenone	7.17	105	595224	38.841	ng	97
24) Nitrobenzene	7.34	77	463394	37.356	ng	99
25) Isophorone	7.58	82	845923	38.830	ng	99
26) 2-Nitrophenol	7.66	139	256340	39.001	ng	97
27) 2,4-Dimethylphenol	7.70	122	397520	44.563	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	519245	36.618	ng	100
29) 2,4-Dichlorophenol	7.90	162	408517	38.901	ng	100
30) 1,2,4-Trichlorobenzene	7.98	180	447114	35.910	ng	99
31) Naphthalene	8.06	128	1294869	37.697	ng	99
32) Benzoic acid	7.85	122	224311	36.346	ng	97
33) 4-Chloroaniline	8.11	127	320683	21.706	ng	99
34) Hexachlorobutadiene	8.18	225	263099	33.924	ng	97
35) Caprolactam	8.49	113	64893	20.069	ng	99
36) 4-Chloro-3-methylphenol	8.60	107	430320	40.490	ng	99
37) 2-Methylnaphthalene	8.75	142	911114	39.414	ng	100
38) 1-Methylnaphthalene	8.85	142	850278	39.112	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	447259	34.942	ng	99

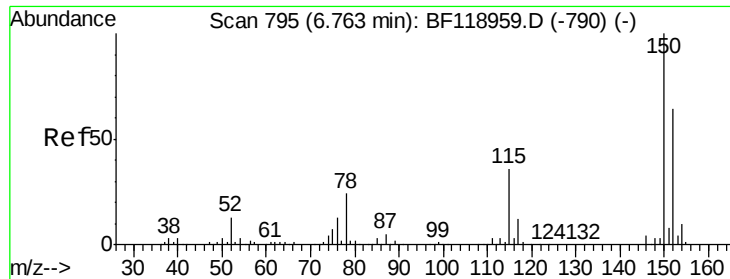
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	269700	60.483	nq	97
43) 2,4,6-Trichlorophenol	9.03	196	300884	37.224	nq	99
44) 2,4,5-Trichlorophenol	9.08	196	318413	37.540	nq	# 94
46) 1,1'-Biphenyl	9.22	154	1101755	35.908	nq	99
47) 2-Chloronaphthalene	9.24	162	881624	35.656	nq	98
48) 2-Nitroaniline	9.34	65	250506	36.324	nq	98
49) Acenaphthylene	9.66	152	1367860	38.303	nq	99
50) Dimethylphthalate	9.52	163	1084144	37.345	nq	99
51) 2,6-Dinitrotoluene	9.58	165	248413	38.515	nq	98
52) Acenaphthene	9.83	154	797753	37.047	nq	99
53) 3-Nitroaniline	9.75	138	173605	24.279	nq	98
54) 2,4-Dinitrophenol	9.87	184	219087	70.835	nq	99
55) Dibenzofuran	10.00	168	1221251	37.997	nq	99
56) 4-Nitrophenol	9.93	139	322393	75.044	nq	98
57) 2,4-Dinitrotoluene	9.99	165	319632	38.233	nq	94
58) Fluorene	10.34	166	948003	37.958	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	268134	37.464	nq	99
60) Diethylphthalate	10.22	149	1032314	37.734	nq	100
61) 4-Chlorophenyl-phenylether	10.33	204	492965	37.290	nq	97
62) 4-Nitroaniline	10.37	138	247380	33.816	nq	96
63) Azobenzene	10.49	77	913281	38.406	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	176286	40.312	nq	94
66) n-Nitrosodiphenylamine	10.45	169	874580	36.959	nq	99
67) 4-Bromophenyl-phenylether	10.82	248	334025	35.360	nq	96
68) Hexachlorobenzene	10.90	284	382159	35.089	nq	93
69) Atrazine	10.98	200	316221	38.248	nq	99
70) Pentachlorophenol	11.09	266	327781	74.713	nq	99
71) Phenanthrene	11.30	178	1438040	36.488	nq	100
72) Anthracene	11.35	178	1473100	37.409	nq	100
73) Carbazole	11.51	167	1295165	36.919	nq	99
74) Di-n-butylphthalate	11.84	149	1589977	37.425	nq	100
75) Fluoranthene	12.49	202	1537542	36.753	nq	99
77) Benzidine	12.60	184	423666	20.061	nq	97
78) Pyrene	12.72	202	1552801	37.239	nq	100
80) Butylbenzylphthalate	13.33	149	671925	38.287	nq	99
81) Benzo(a)anthracene	13.90	228	1299605	36.730	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	403940	29.400	nq	99
83) Chrysene	13.94	228	1278262	36.257	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	888024	40.052	nq	99
85) Di-n-octyl phthalate	14.50	149	1418230	40.147	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	1042813	30.547	nq	98
88) Benzo(b)fluoranthene	14.93	252	1158907	43.340	nq	99
89) Benzo(k)fluoranthene	14.96	252	1135275	45.813	nq	99
90) Benzo(a)pyrene	15.28	252	986674	40.884	nq	98
91) Dibenzo(a,h)anthracene	16.76	278	880045	41.444	nq	97
92) Benzo(g,h,i)perylene	17.17	276	874451	41.678	nq	98

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

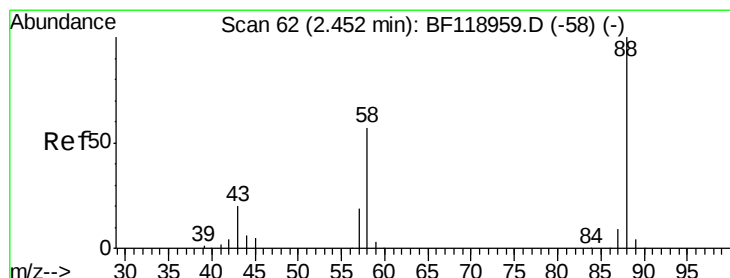
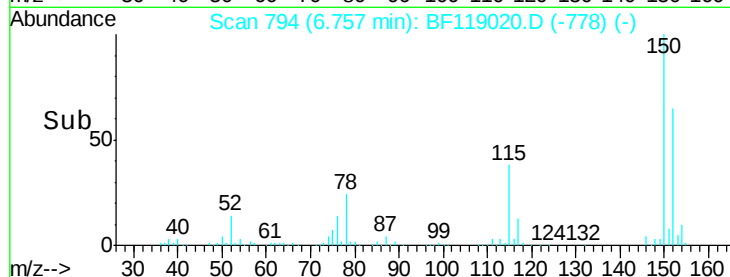
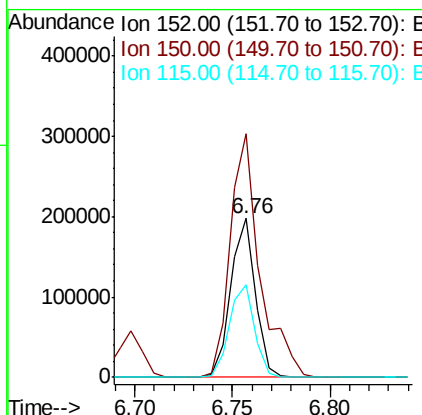
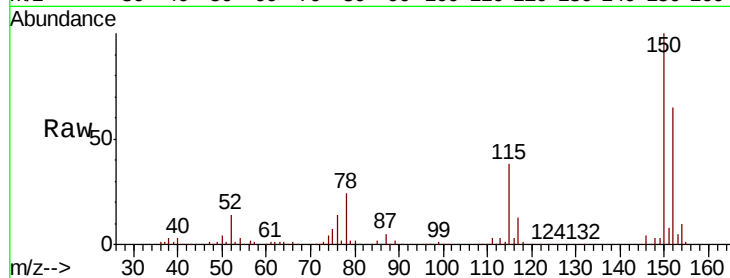


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :

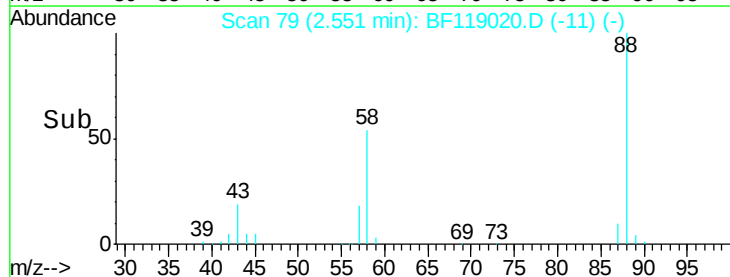
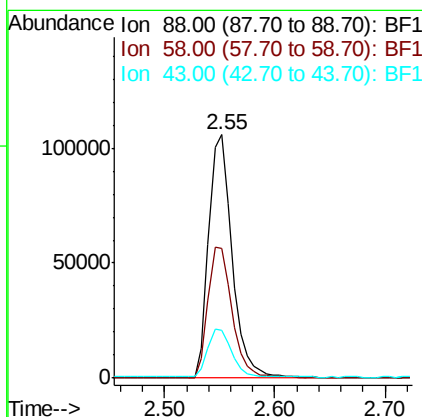
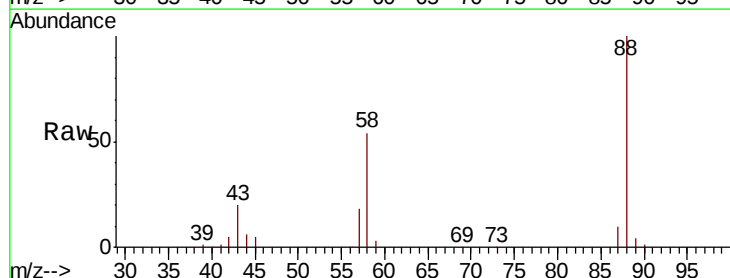
Tot Ion:152 Resp: 172420
Ion Ratio Lower Upper
152 100
150 153.5 124.3 186.5
115 58.1 44.6 67.0

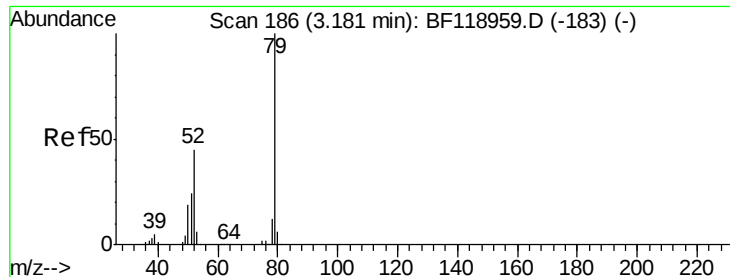


#2

1,4-Dioxane
Concen: 33.602 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.10 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion: 88 Resp: 154352
Ion Ratio Lower Upper
88 100
58 55.7 44.6 66.8
43 20.3 16.0 24.0

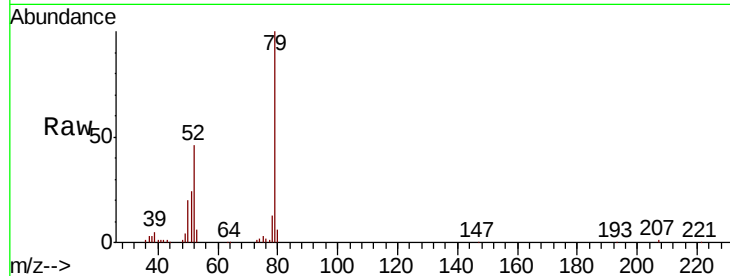




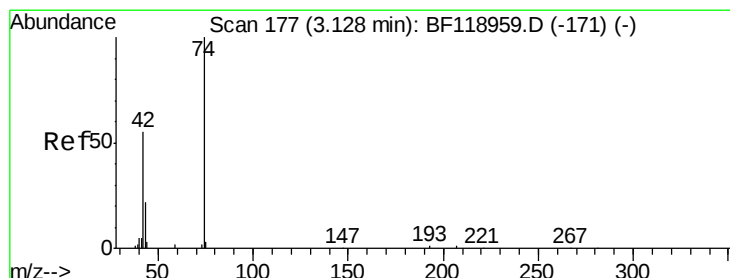
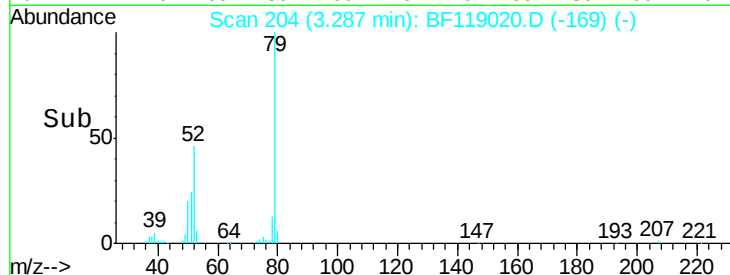
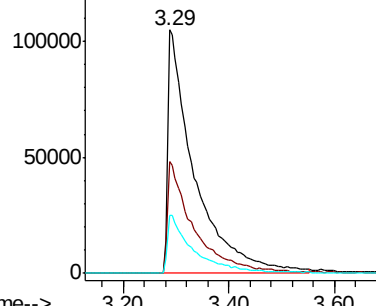
#3
 Pvridine
 Concen: 29.468 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.11 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.8	36.3	54.5
51	23.9	19.5	29.3

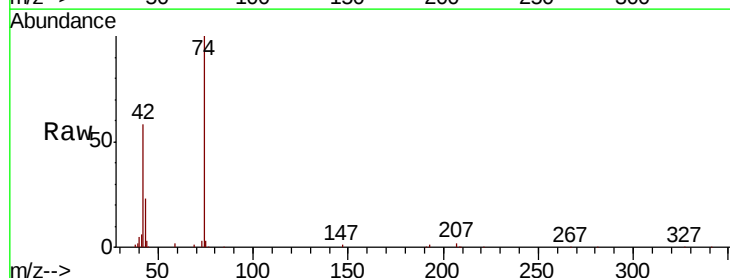


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

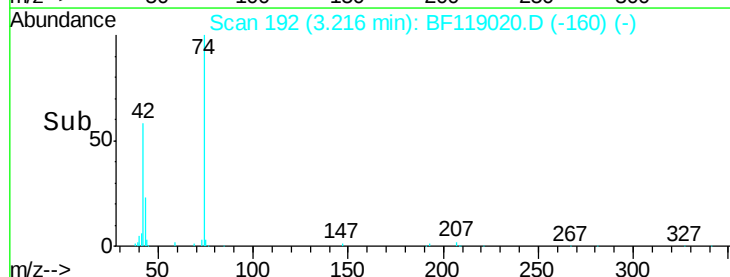
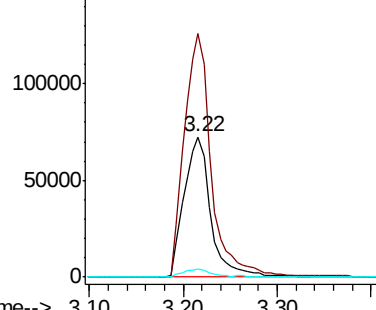


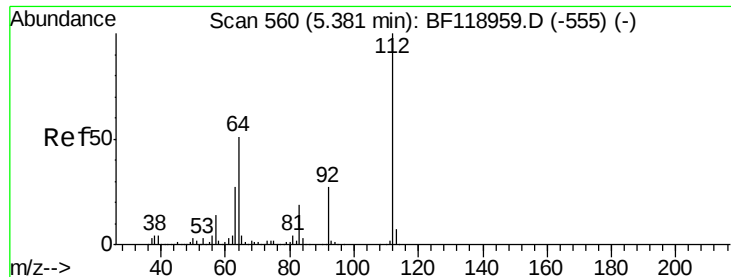
#4
 n-Nitrosodimethylamine
 Concen: 37.795 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.09 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	173.7	144.4	216.6
44	5.7	4.5	6.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.453 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampled :

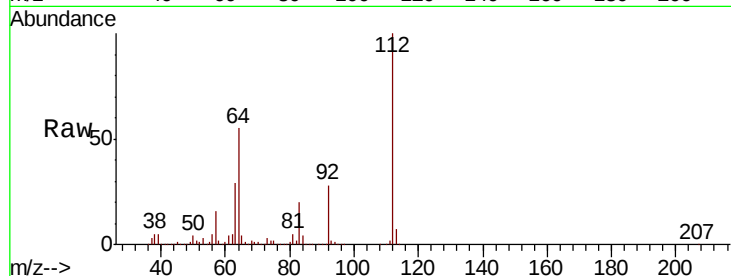
Tot Ion:112 Resp: 1077672

Ion Ratio Lower Upper

112 100

64 54.8 40.4 60.6

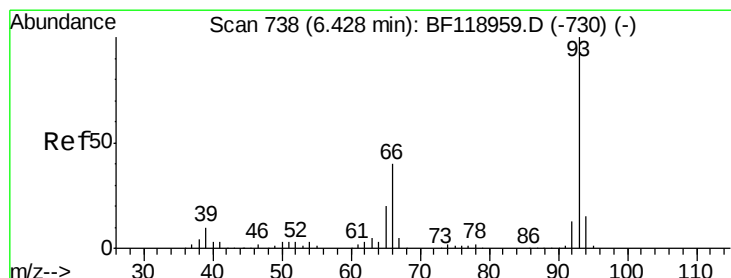
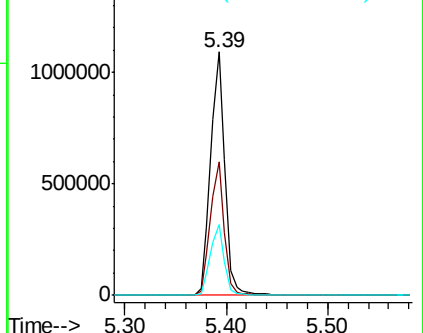
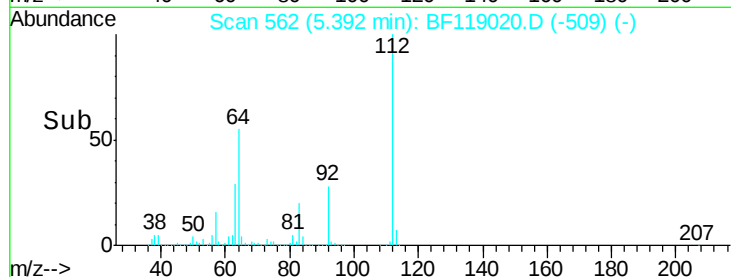
63 29.1 21.3 31.9



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: 26.599 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

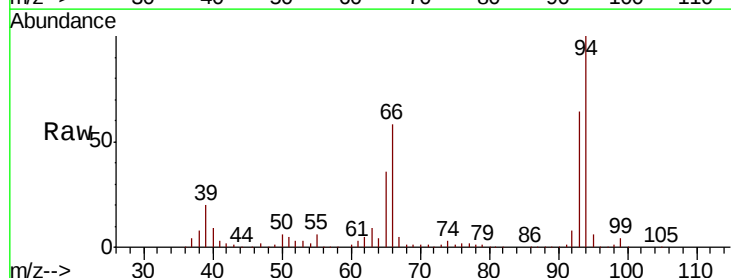
Tgt Ion: 93 Resp: 411829

Ion Ratio Lower Upper

93 100

66 90.2 32.2 48.2#

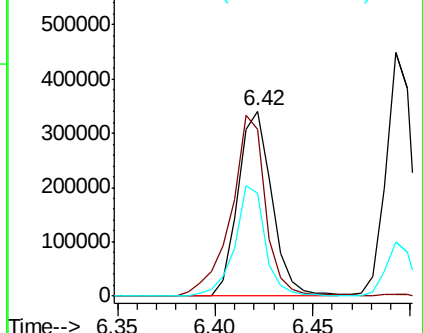
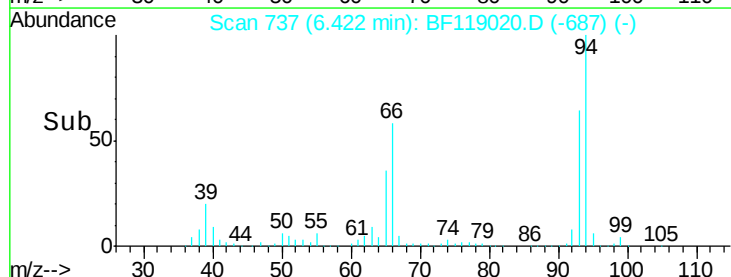
65 55.8 16.1 24.1#

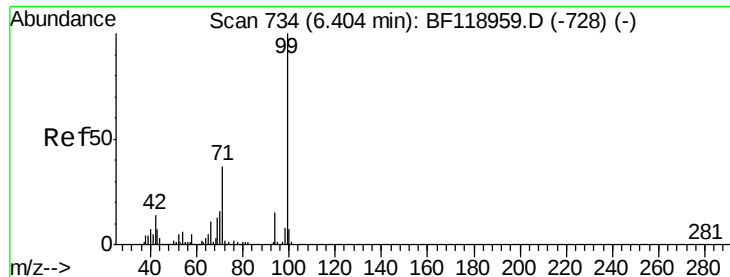


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.032 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

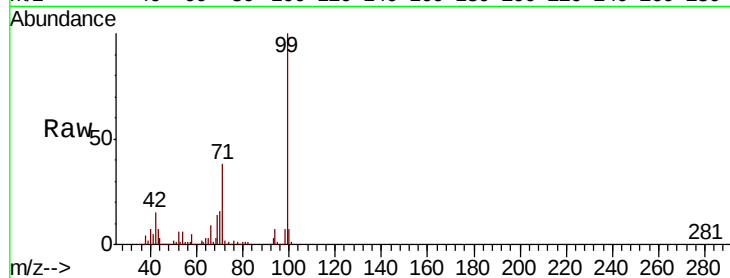
Tot Ion: 99 Resp: 1330461

Ion Ratio Lower Upper

99 100

42 15.0 11.4 17.0

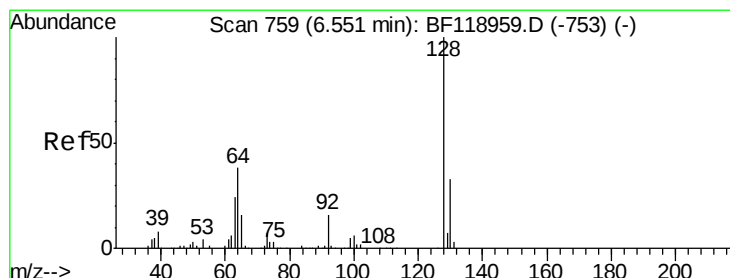
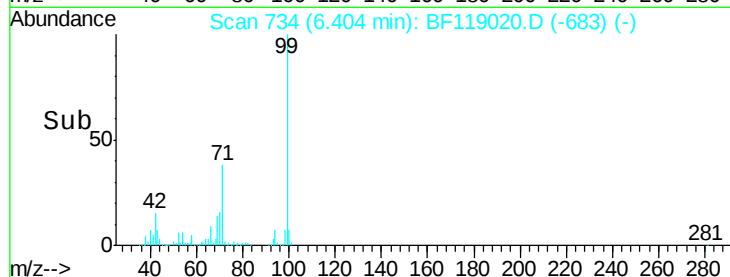
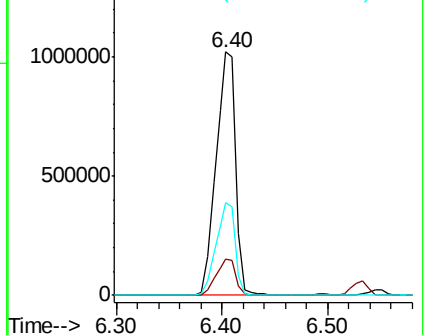
71 38.1 29.8 44.6



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: 40.364 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

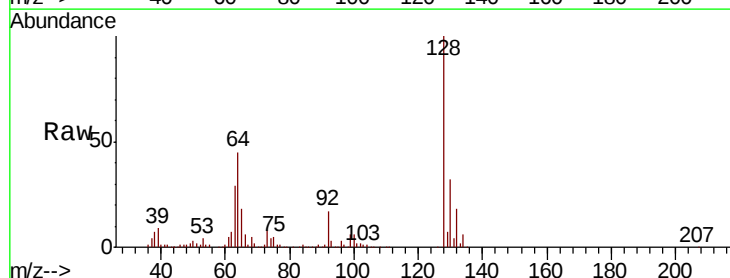
Tgt Ion:128 Resp: 449421

Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

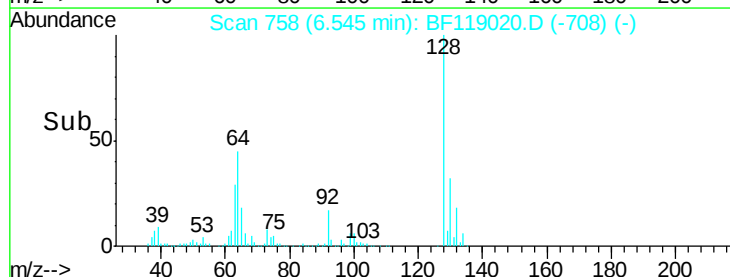
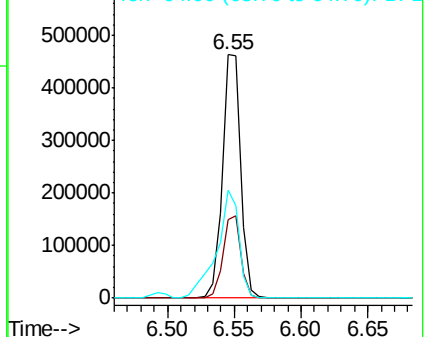
64 44.5 18.7 58.7

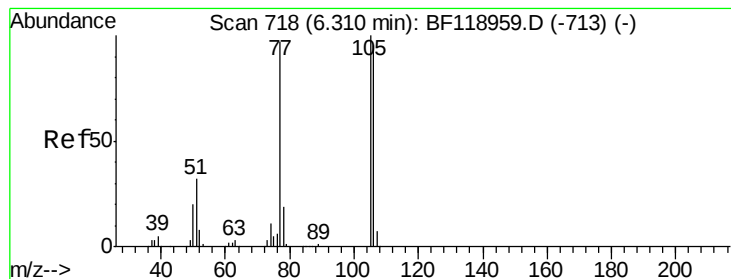


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.616 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampled :

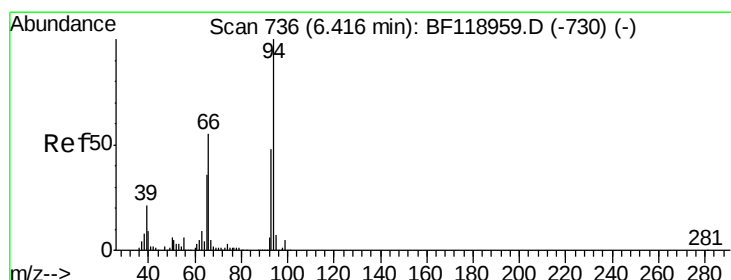
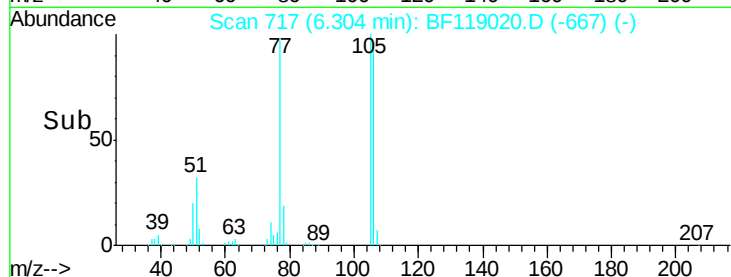
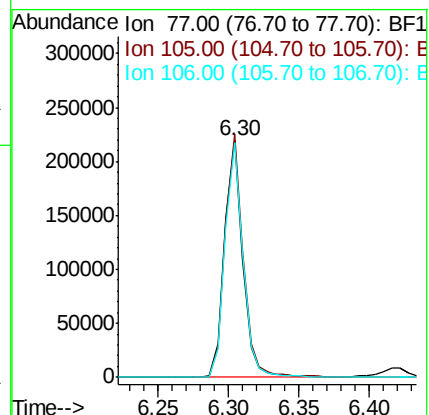
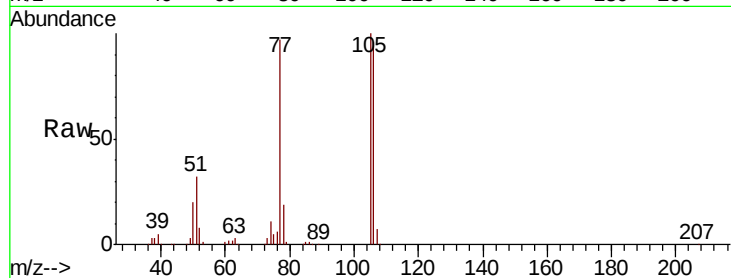
Tot Ion: 77 Resp: 197979

Ion Ratio Lower Upper

77 100

105 102.8 83.0 123.0

106 99.1 78.3 118.3



#10

Phenol

Concen: 39.014 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

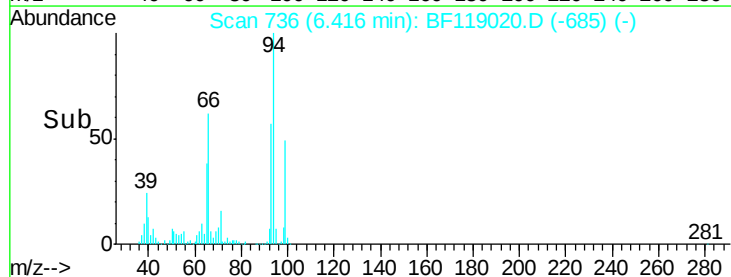
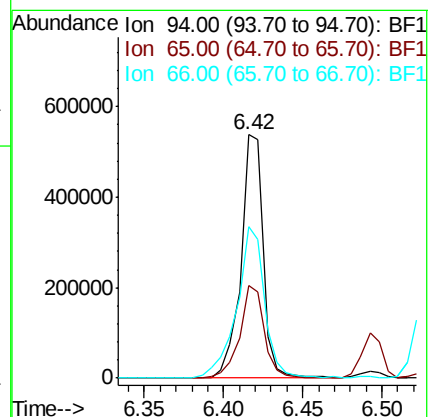
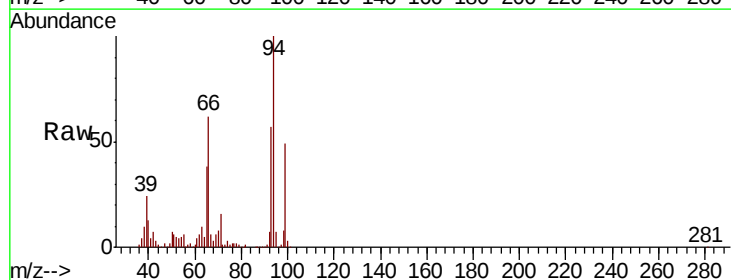
Tgt Ion: 94 Resp: 529275

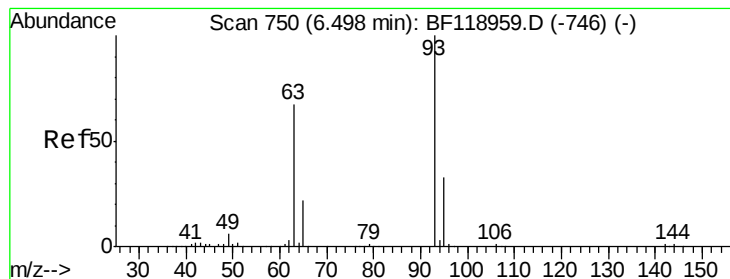
Ion Ratio Lower Upper

94 100

65 37.8 15.5 55.5

66 62.0 35.6 75.6





#11

bis(2-Chloroethyl)ether

Concen: 39.018 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

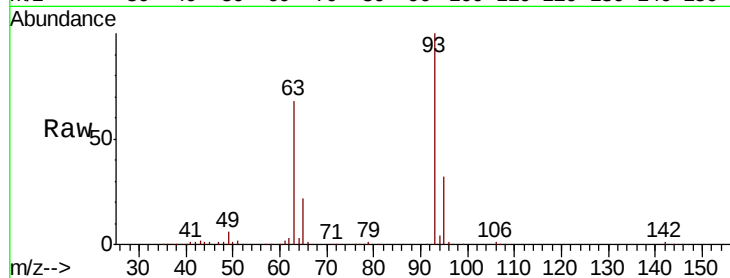
Tot Ion: 93 Resp: 405014

Ion Ratio Lower Upper

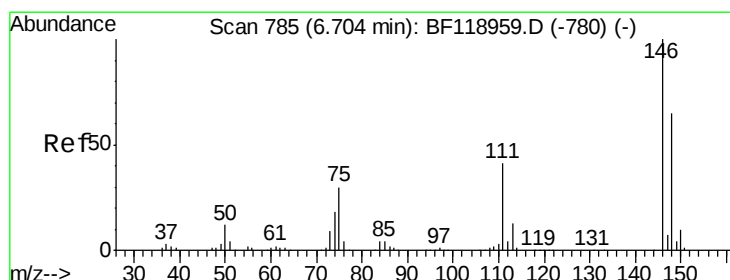
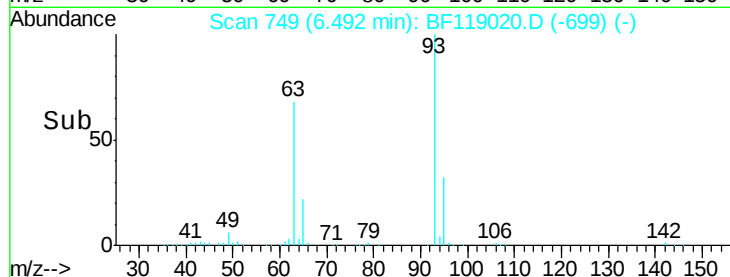
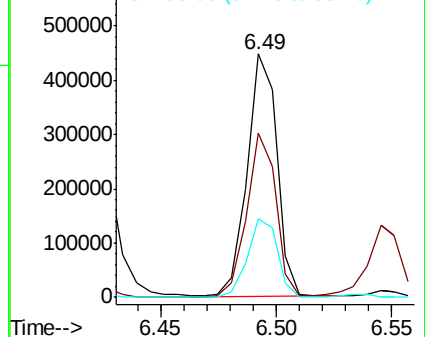
93 100

63 67.6 46.8 86.8

95 32.2 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.797 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

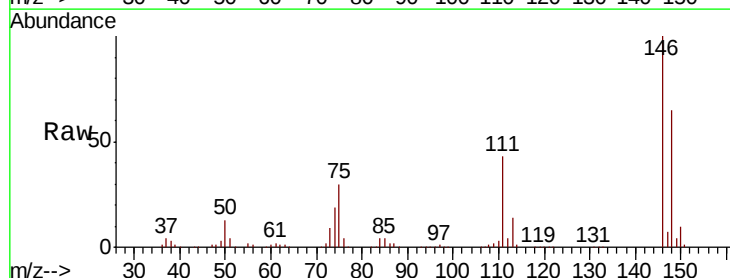
Tgt Ion: 146 Resp: 491064

Ion Ratio Lower Upper

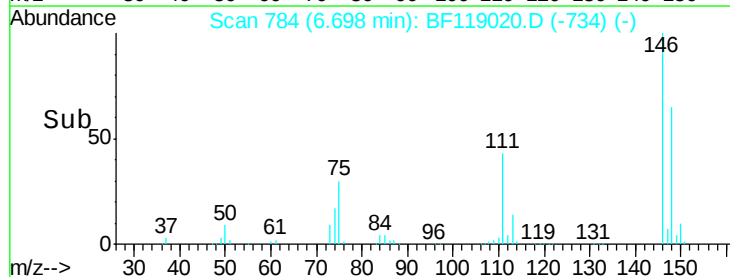
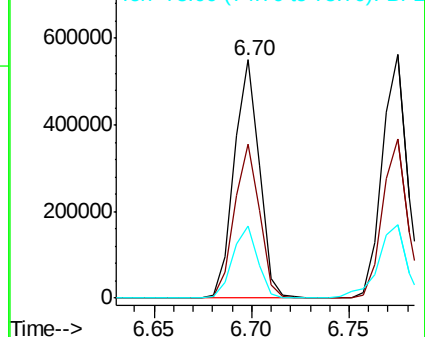
146 100

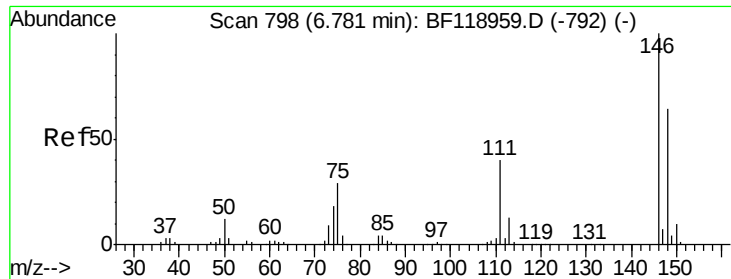
148 64.6 51.7 77.5

75 30.5 23.6 35.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

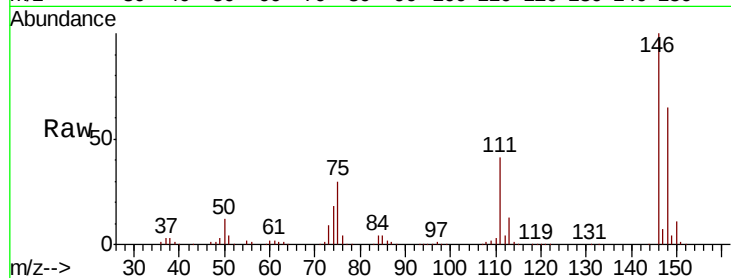




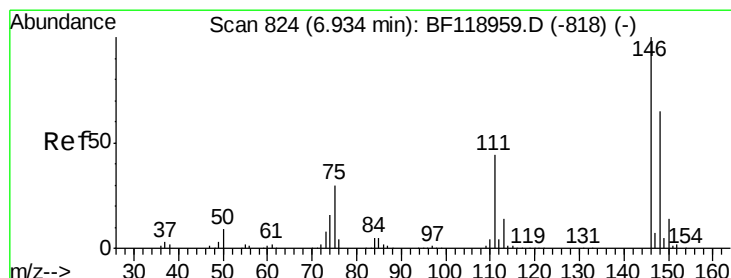
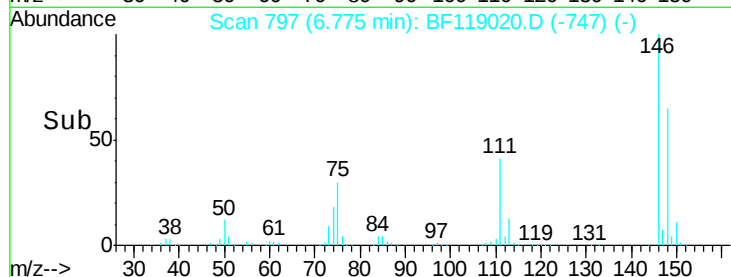
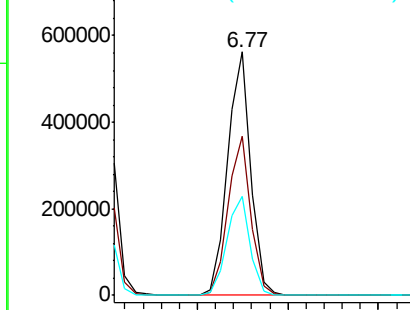
#13
 1,4-Dichlorobenzene
 Concen: 37.049 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 494763
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.4 77.2
 111 40.9 31.9 47.9

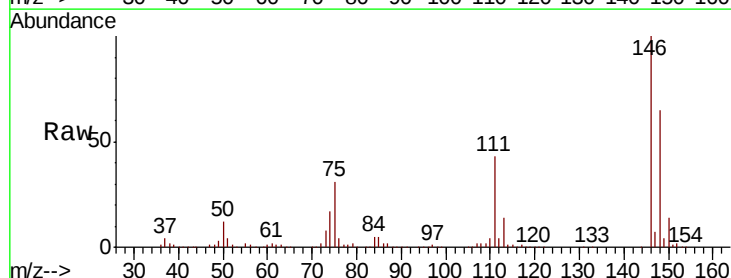


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

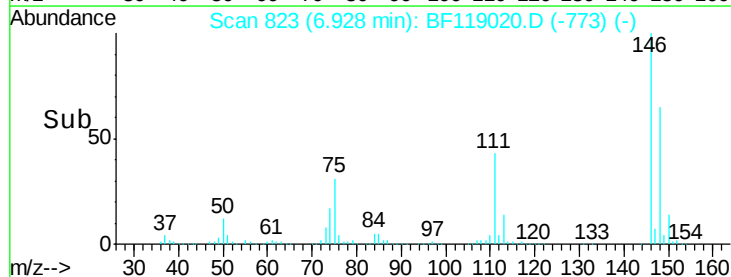
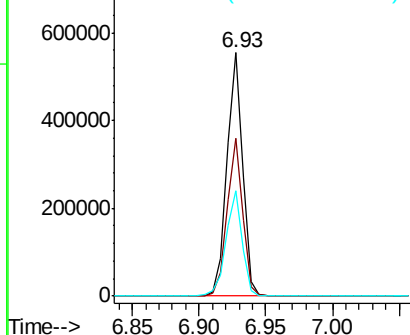


#14
 1,2-Dichlorobenzene
 Concen: 38.049 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion:146 Resp: 463403
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.1 78.1
 111 43.2 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: 42.252 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :

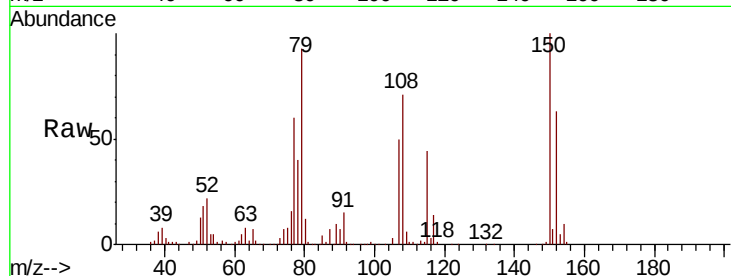
Tot Ion: 79 Resp: 383166

Ion Ratio Lower Upper

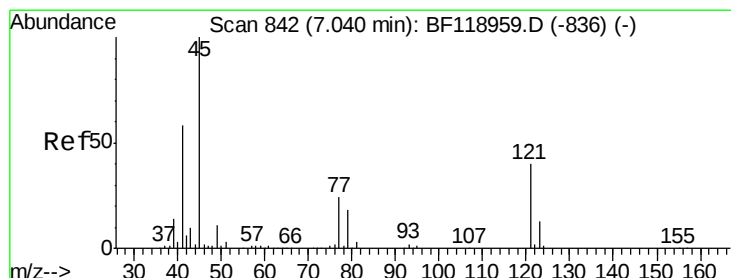
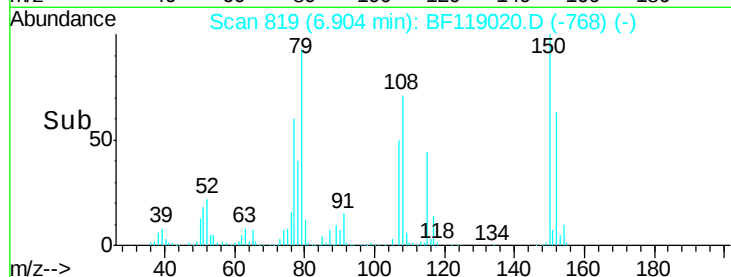
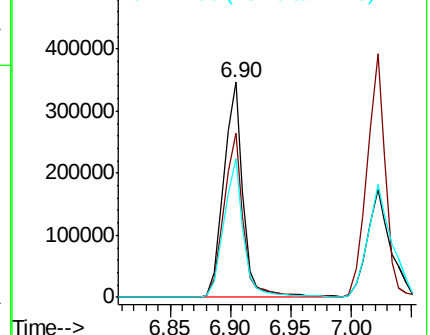
79 100

108 76.2 61.1 91.7

77 64.2 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.159 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

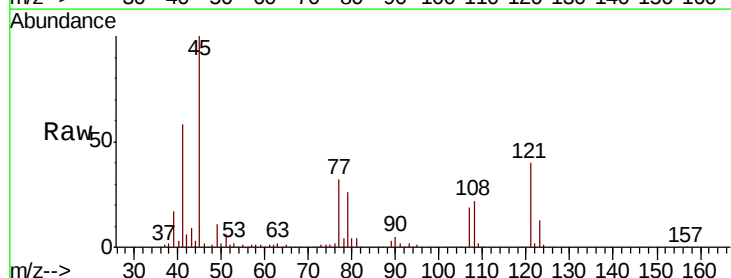
Tgt Ion: 45 Resp: 334124

Ion Ratio Lower Upper

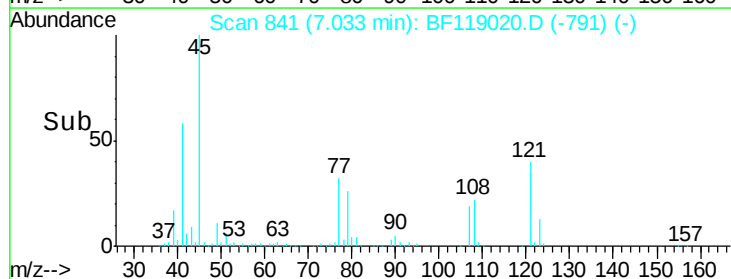
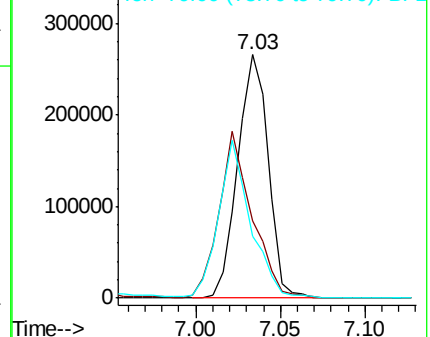
45 100

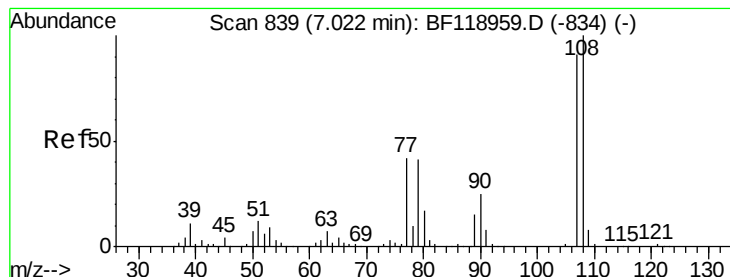
77 31.9 6.1 46.1

79 25.6 0.5 40.5



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.044 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 370513

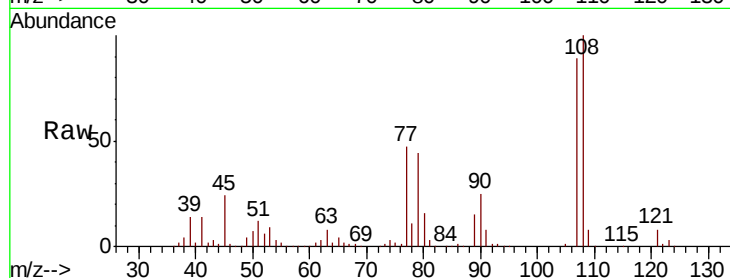
Ion Ratio Lower Upper

107 100

108 111.9 87.7 131.5

77 52.2 36.8 55.2

79 49.4 36.4 54.6

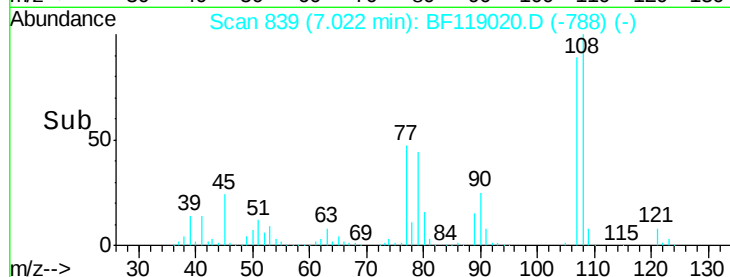


Abundance Ion 107.00 (106.70 to 107.70): E

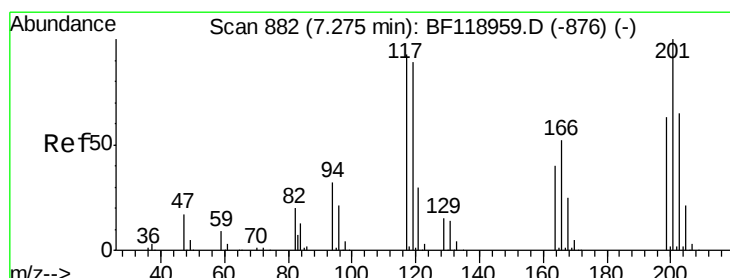
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 36.985 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

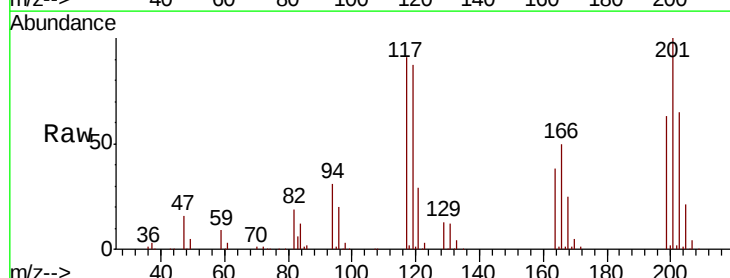
Tgt Ion:117 Resp: 176702

Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.6

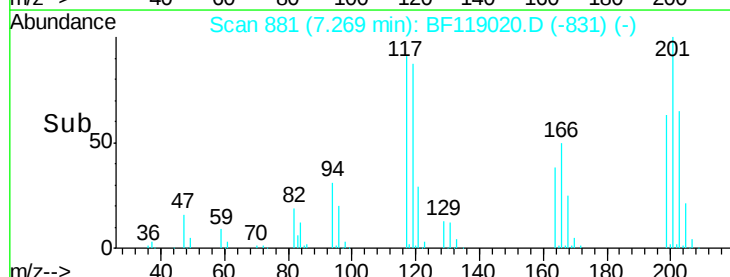
201 109.6 86.4 129.6



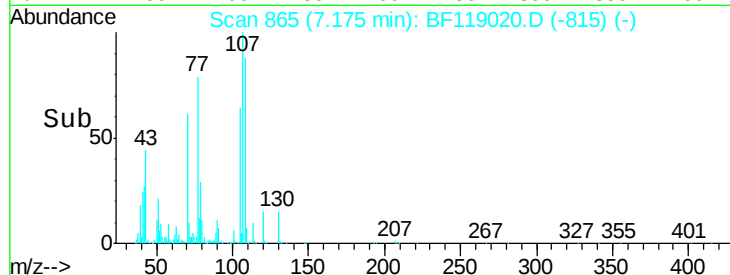
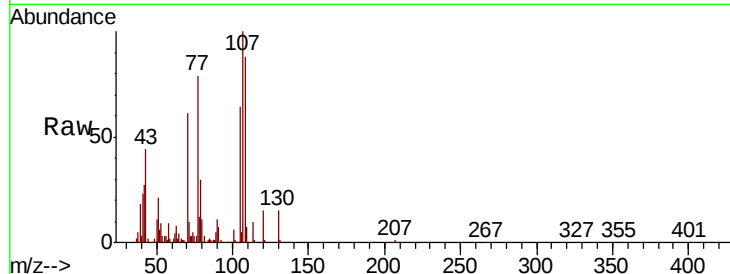
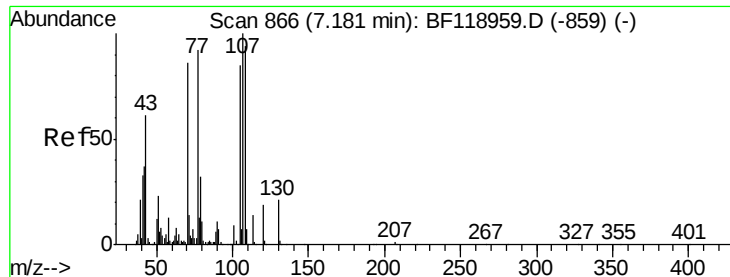
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



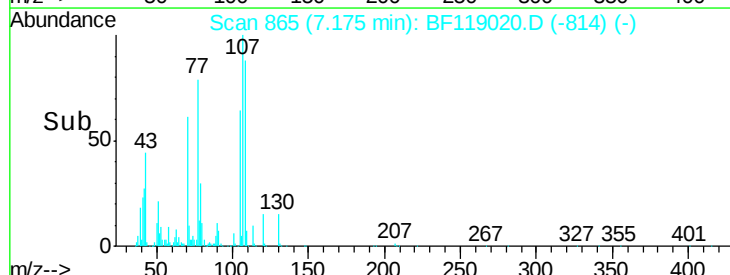
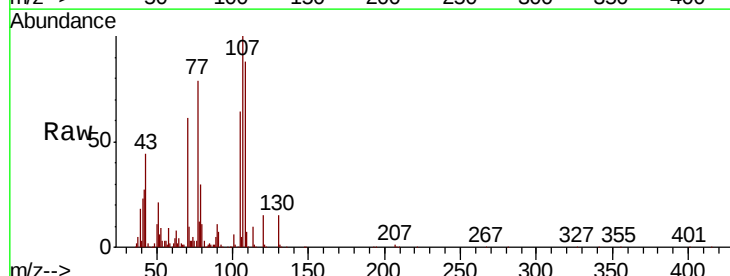
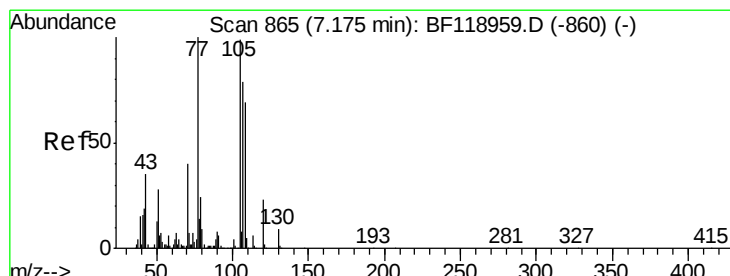
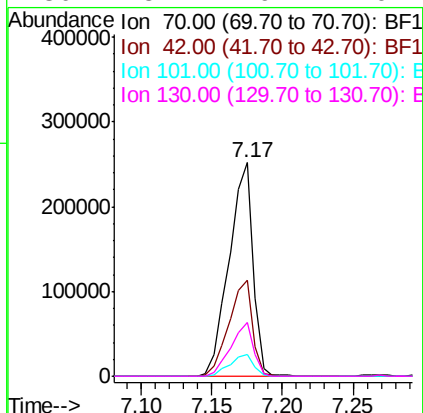
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 40.572 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

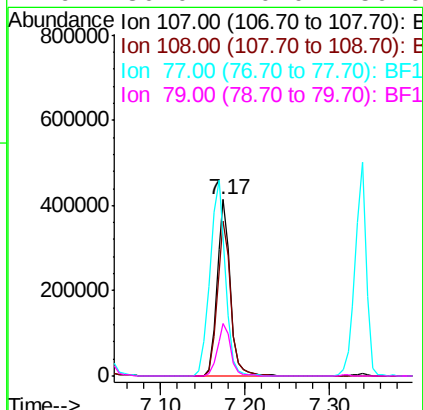
Instrument :
BNA_F
ClientSampleId :

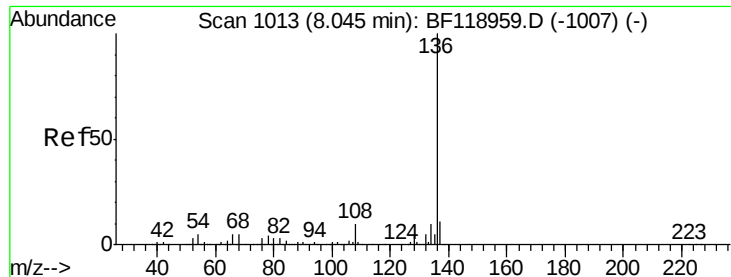
Tot Ion:	70	Resp:	296641
Ion	Ratio	Lower	Upper
70	100		
42	44.9	34.6	51.8
101	10.3	8.1	12.1
130	25.2	19.4	29.2



#20
3+4-Methylphenols
Concen: 41.453 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion:	107	Resp:	458455
Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.0	107.0
77	79.4	106.2	146.2#
79	30.0	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 662331

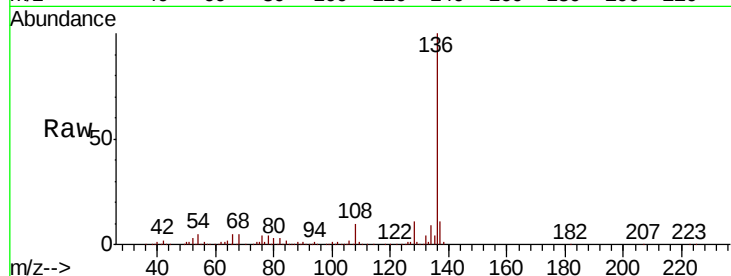
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.8 3.8 5.6

68 5.2 4.2 6.2

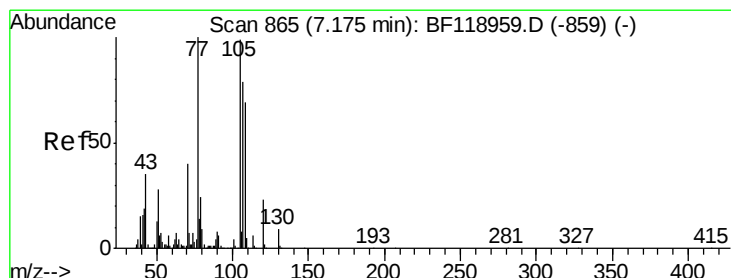
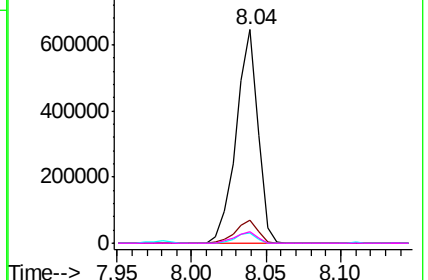
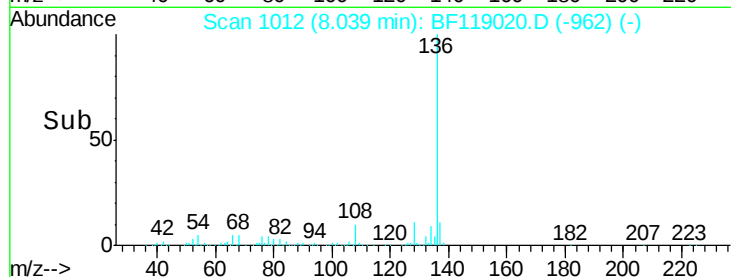


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.841 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Tgt Ion:105 Resp: 595224

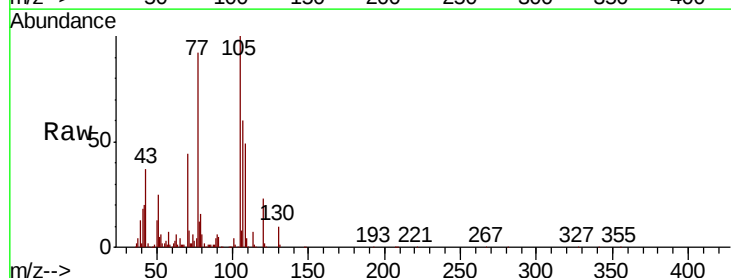
Ion Ratio Lower Upper

105 100

71 7.5 5.4 8.0

51 25.3 22.5 33.7

120 22.7 18.4 27.6

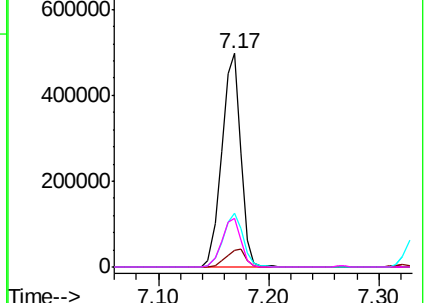
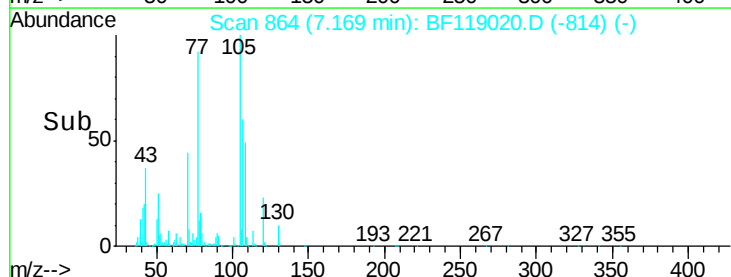


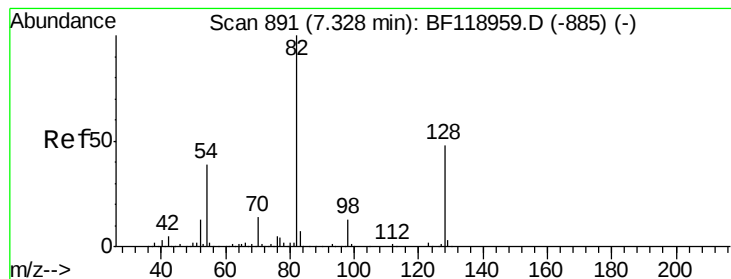
Abundance Ion 105.00 (104.70 to 105.70): E

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: 63.241 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

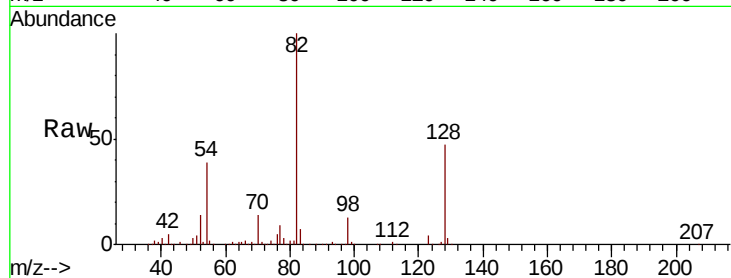
Tot Ion: 82 Resp: 793307

Ion Ratio Lower Upper

82 100

128 46.9 38.2 57.2

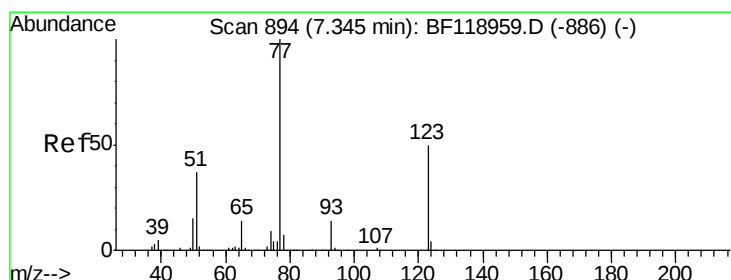
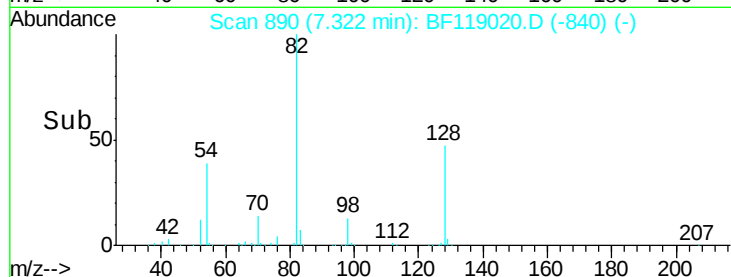
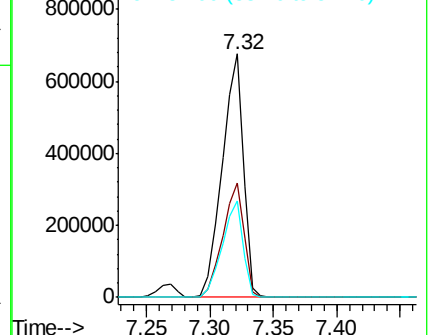
54 39.4 31.3 46.9



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: 37.356 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

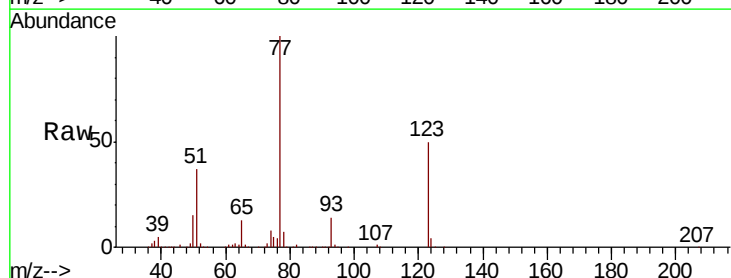
Tgt Ion: 77 Resp: 463394

Ion Ratio Lower Upper

77 100

123 50.3 40.1 60.1

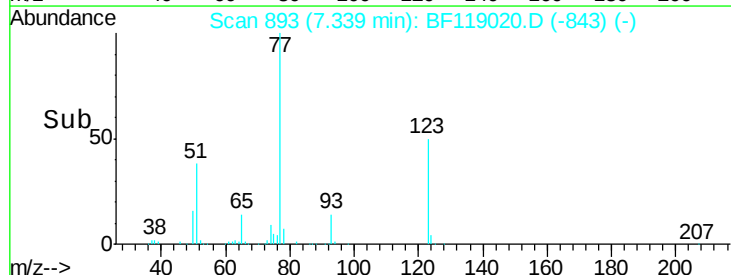
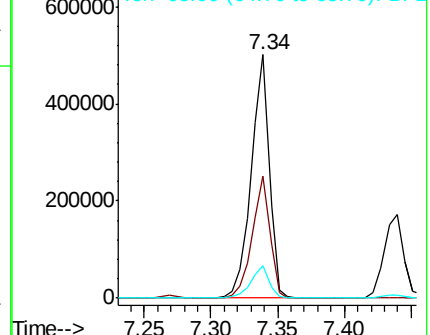
65 13.1 10.9 16.3

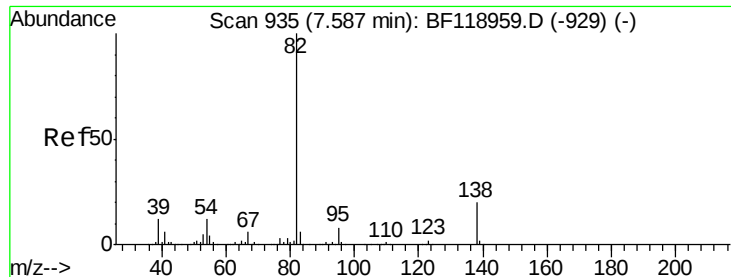


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.830 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

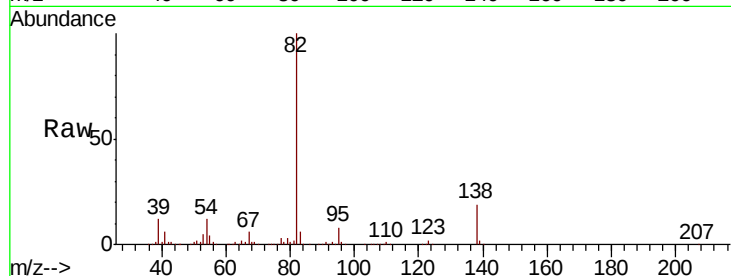
Tot Ion: 82 Resp: 845923

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

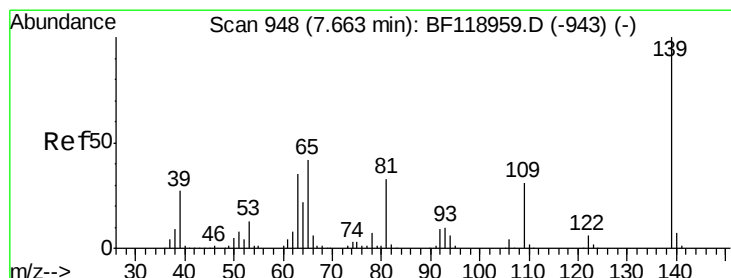
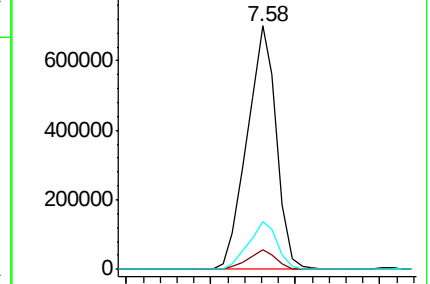
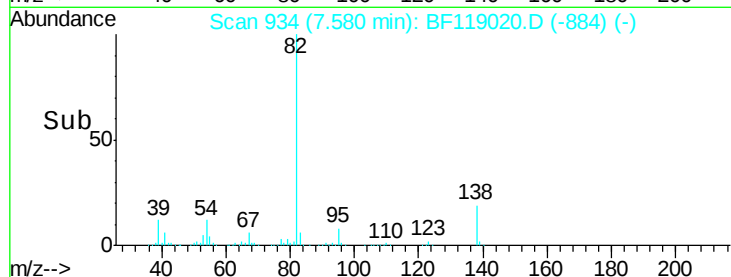
138 19.4 15.8 23.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.001 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

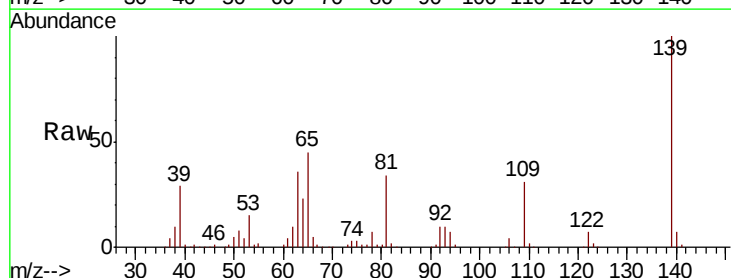
Tgt Ion: 139 Resp: 256340

Ion Ratio Lower Upper

139 100

109 30.8 24.6 36.8

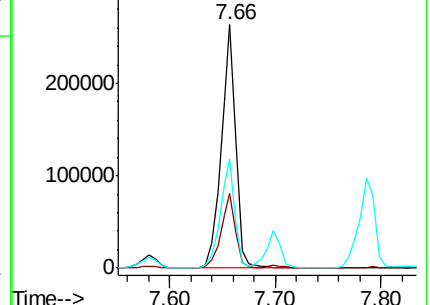
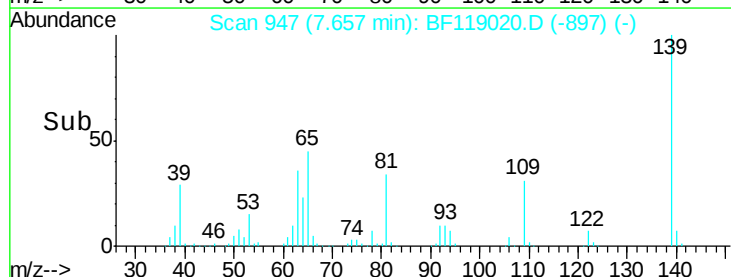
65 44.9 33.6 50.4

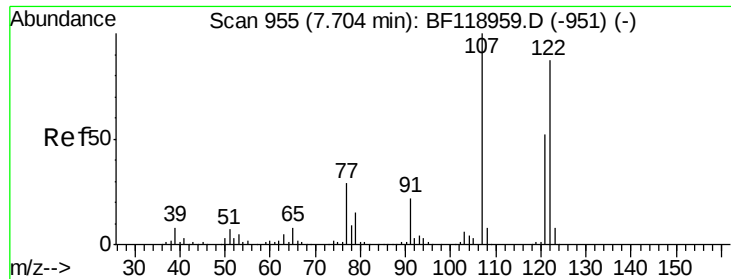


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

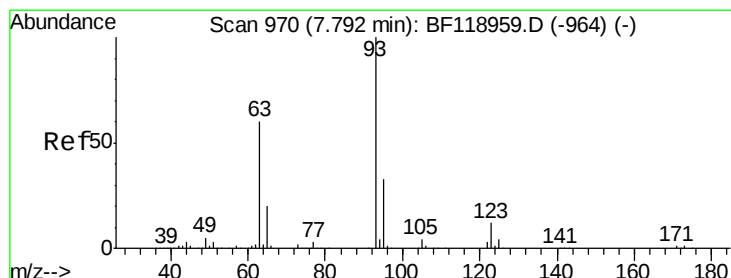
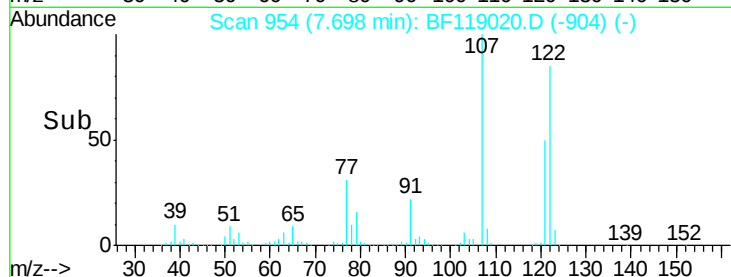
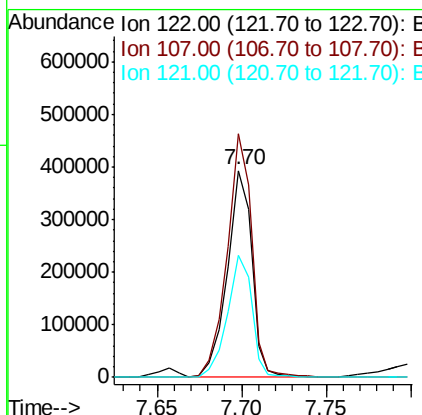
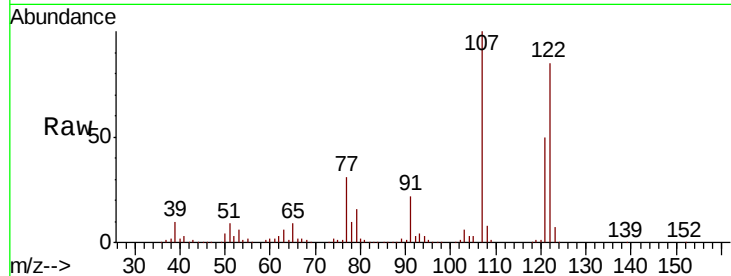




#27
2,4-Dimethylphenol
Concen: 44.563 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

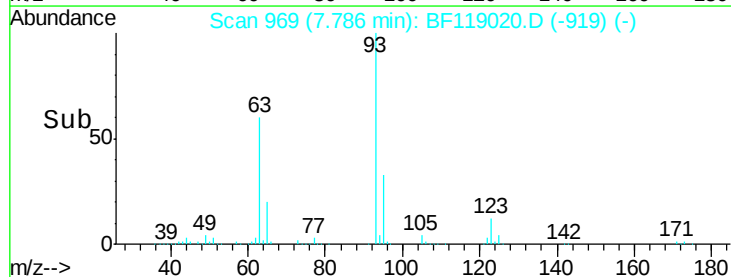
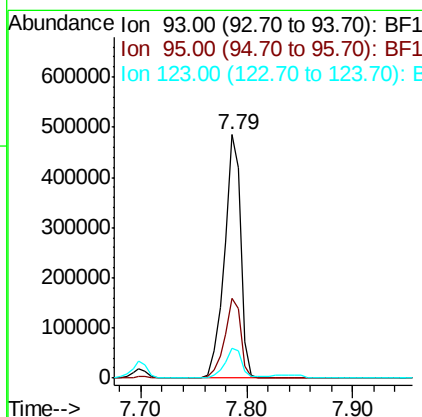
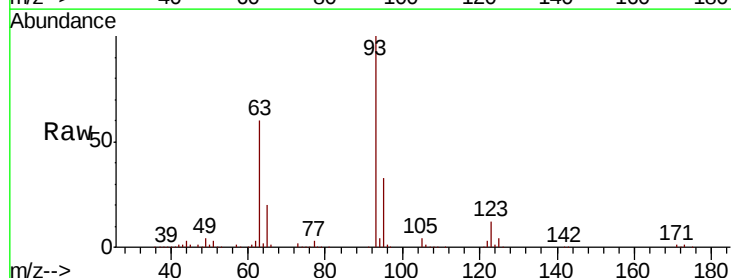
Instrument :
BNA_F
ClientSampleId :

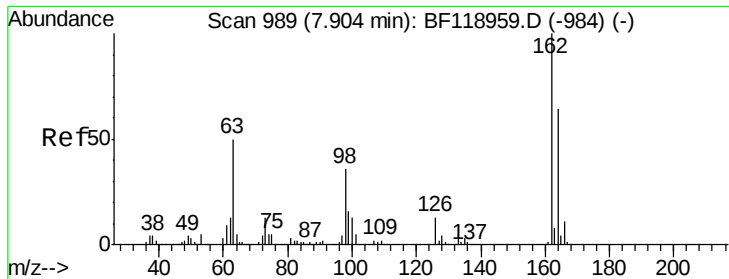
Tot Ion:122 Resp: 397520
Ion Ratio Lower Upper
122 100
107 117.9 91.8 137.8
121 59.2 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 36.618 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion: 93 Resp: 519245
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 12.2 9.8 14.8

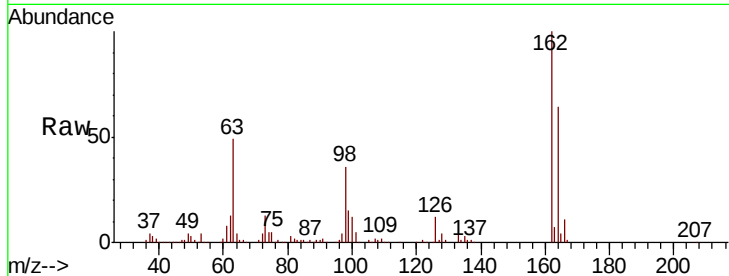




#29
2,4-Dichlorophenol
Concen: 38.901 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.1	84.1
98	36.1	16.4	56.4

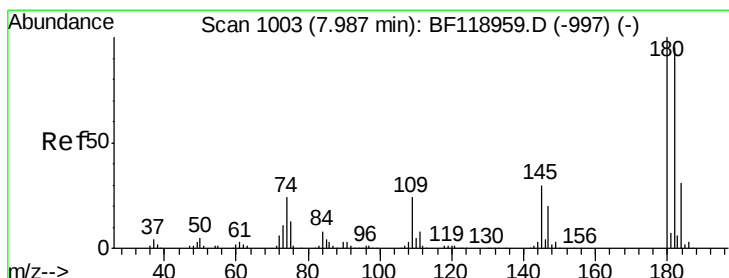
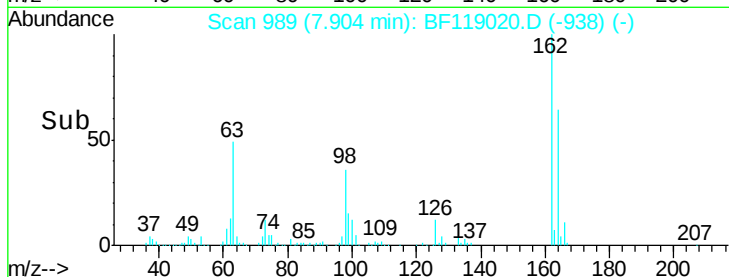
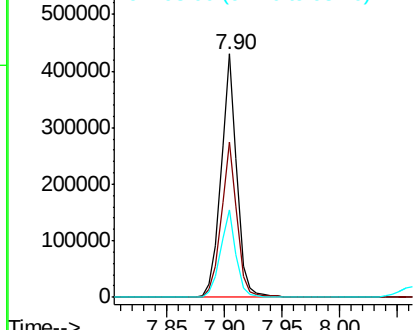


Abundance

Ion 162.00 (161.70 to 162.70): E

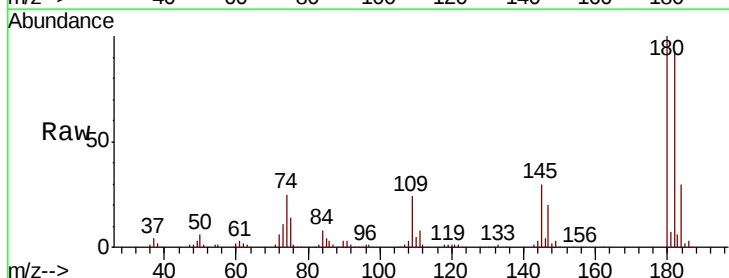
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 35.910 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.8	113.8
145	29.8	24.2	36.2

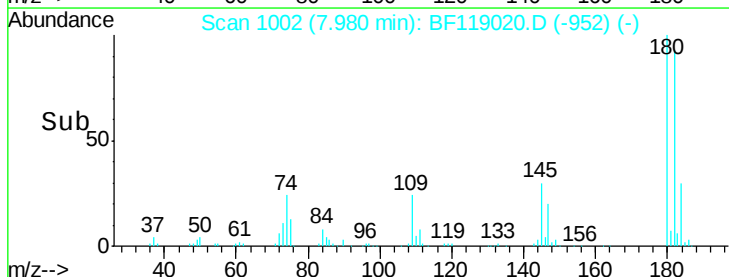
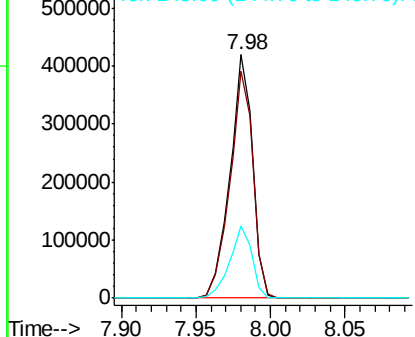


Abundance

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: 37.697 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

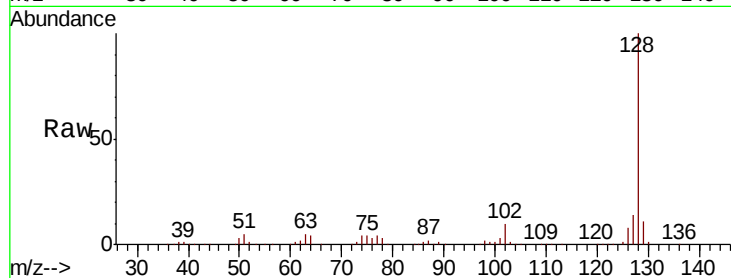
Tot Ion:128 Resp: 1294869

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

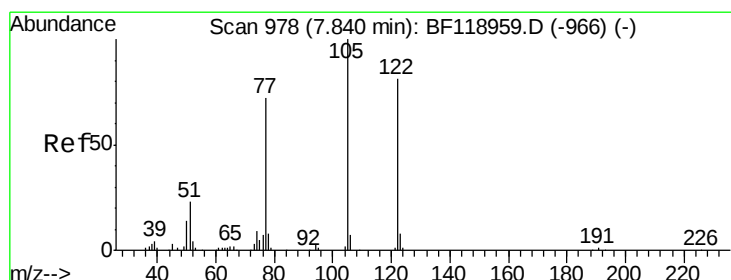
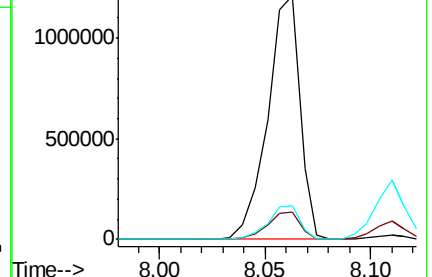
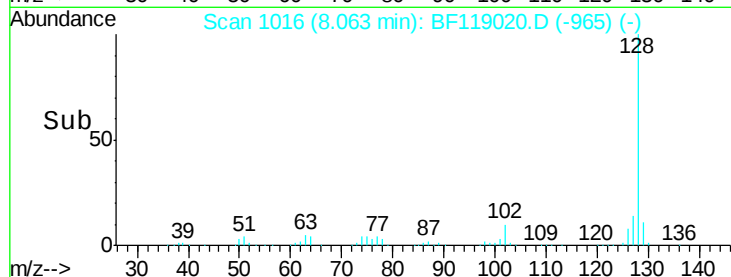
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.346 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

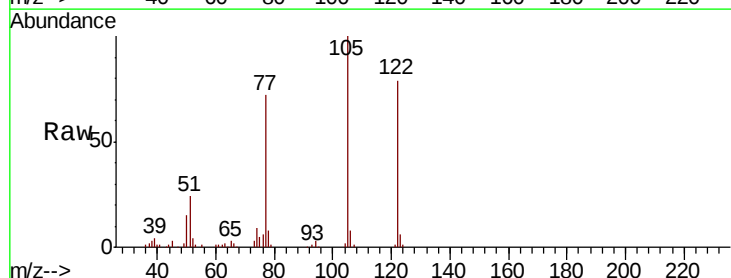
Tgt Ion:122 Resp: 224311

Ion Ratio Lower Upper

122 100

105 126.0 102.2 142.2

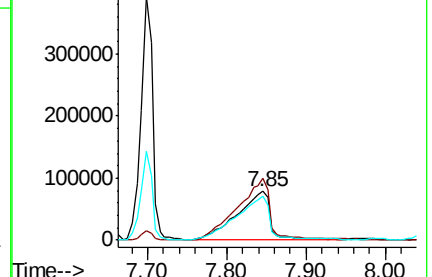
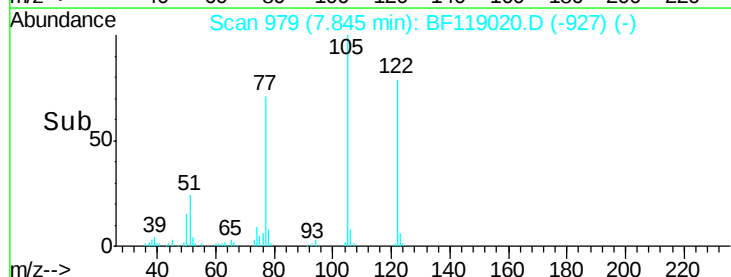
77 90.2 68.6 108.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

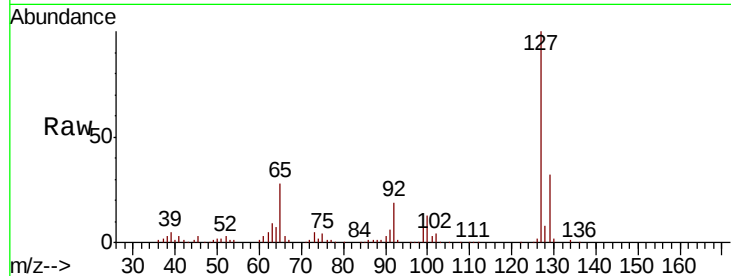




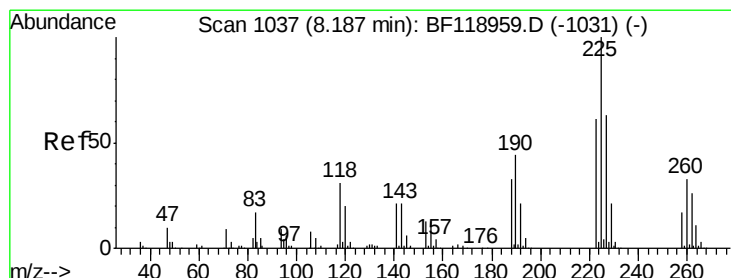
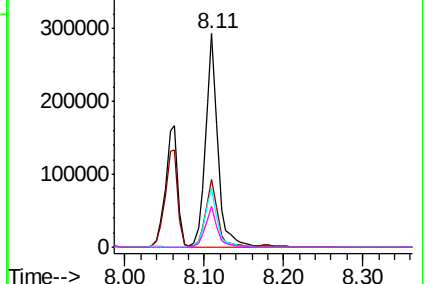
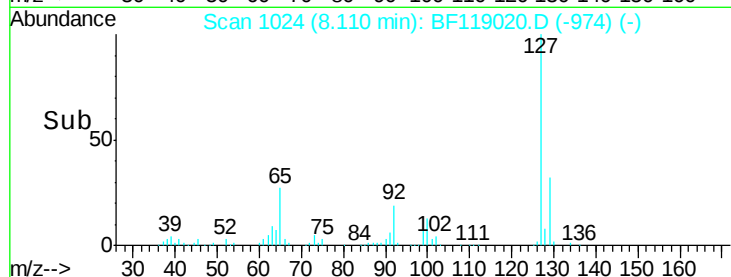
#33
4-Chloroaniline
Concen: 21.706 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	320683
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	27.7	22.0	33.0
92	18.9	15.5	23.3

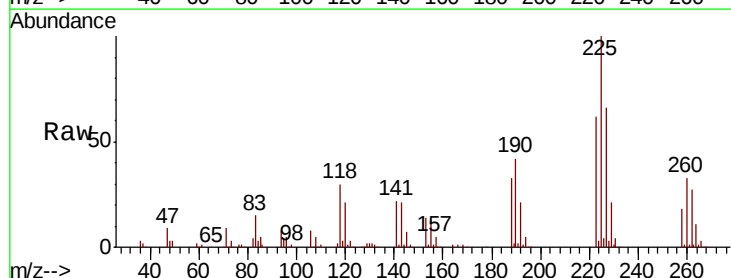


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

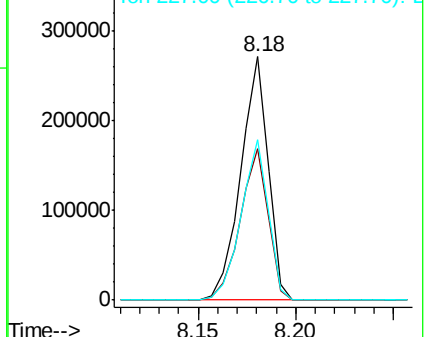
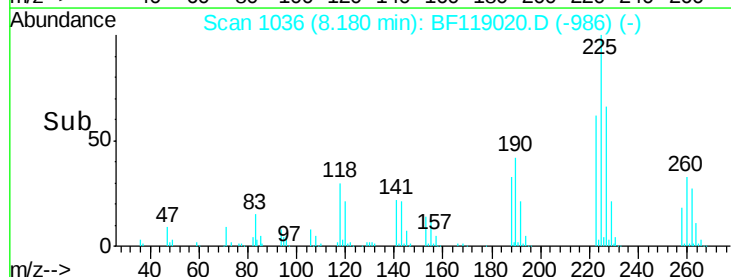


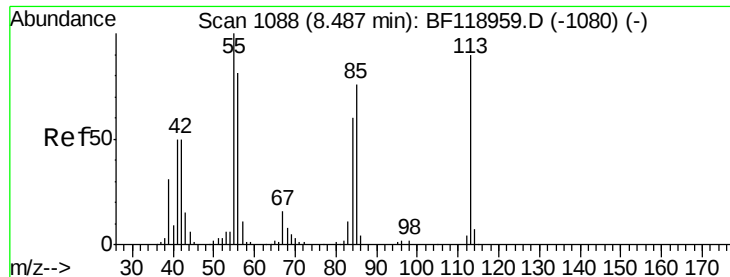
#34
Hexachlorobutadiene
Concen: 33.924 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion:	225	Resp:	263099
Ion	Ratio	Lower	Upper
225	100		
223	62.1	48.9	73.3
227	66.1	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

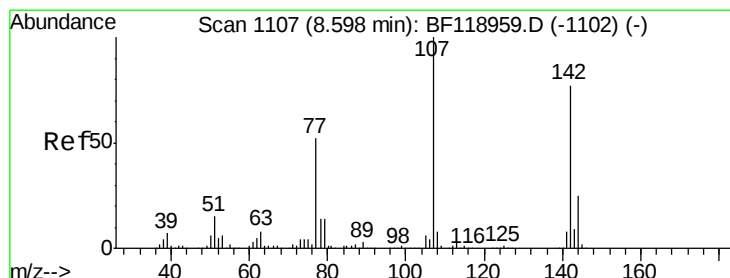
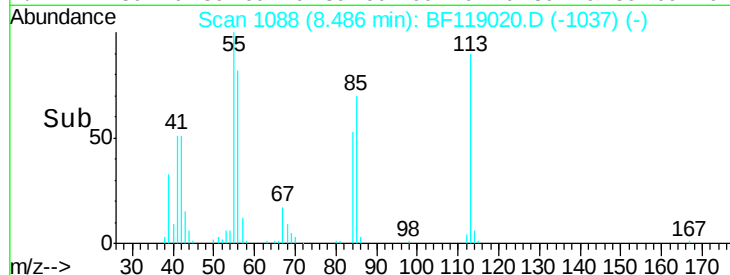
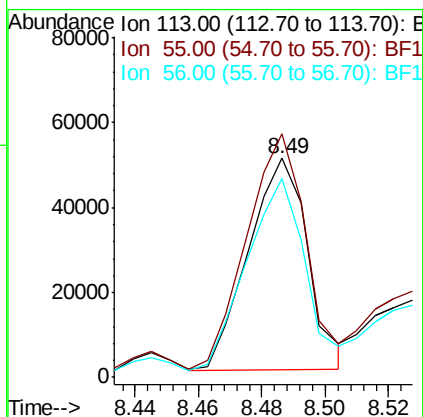
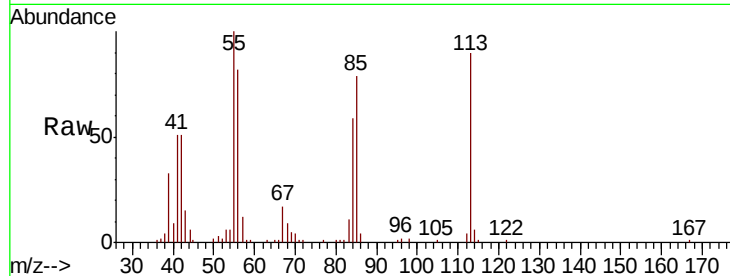




#35
Caprolactam
Concen: 20.069 ng
RT: 8.49 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

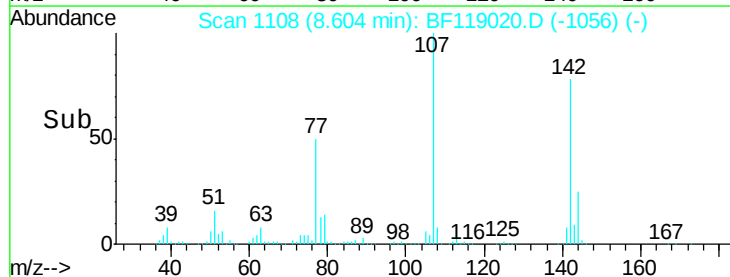
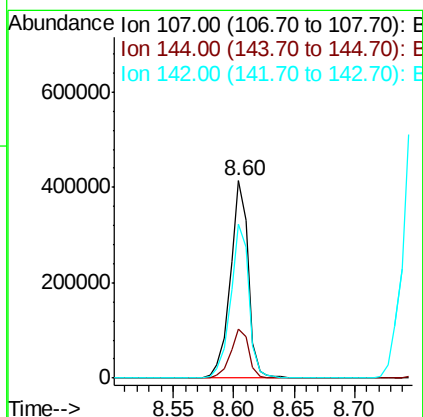
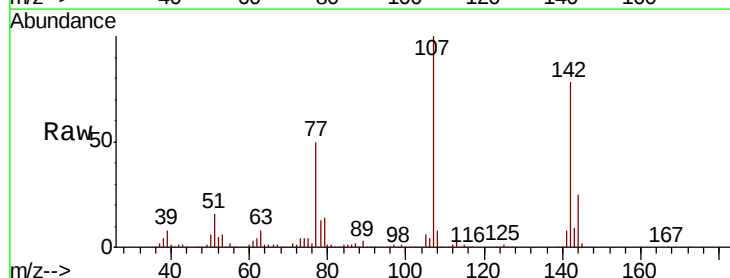
Instrument :
BNA_F
ClientSampleId :

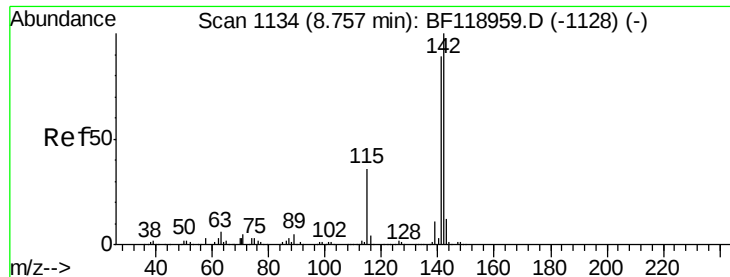
Tot Ion:113 Resp: 64893
Ion Ratio Lower Upper
113 100
55 111.3 90.8 130.8
56 91.1 70.0 110.0



#36
4-Chloro-3-methylphenol
Concen: 40.490 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion:107 Resp: 430320
Ion Ratio Lower Upper
107 100
144 25.1 19.8 29.8
142 78.0 61.3 91.9

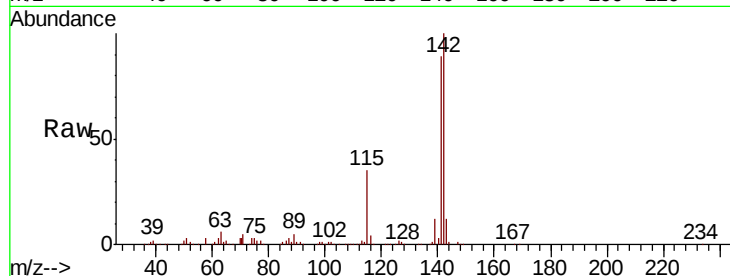




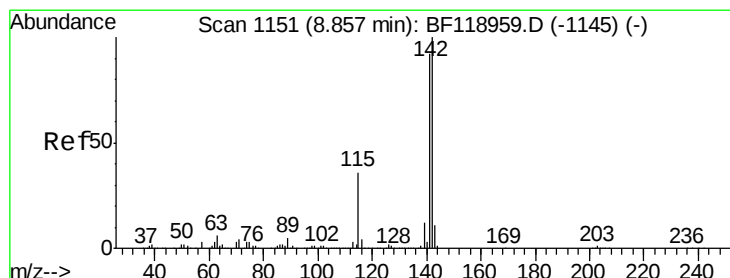
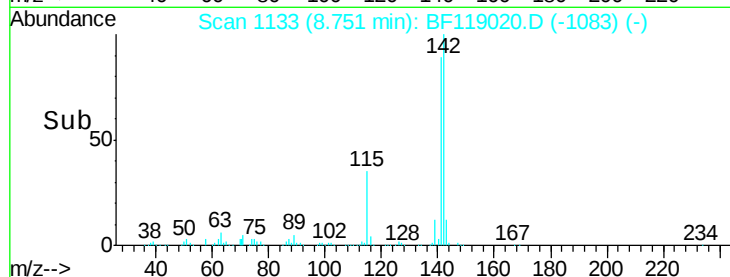
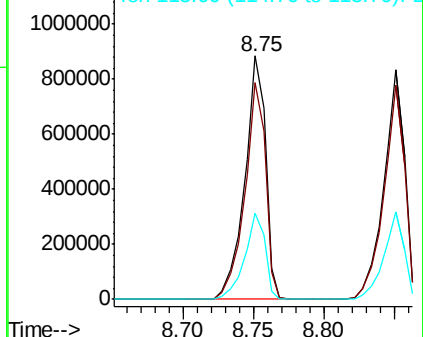
#37
2-Methylnaphthalene
Concen: 39.414 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 911114
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4
115 35.5 28.6 42.8

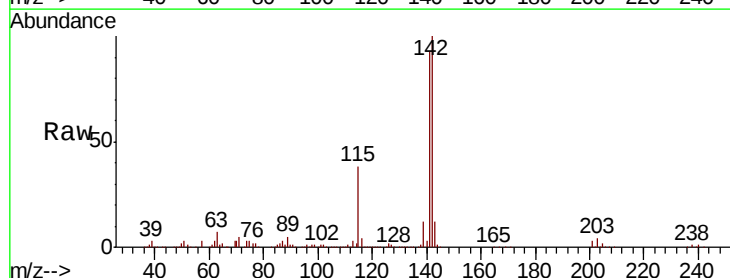


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

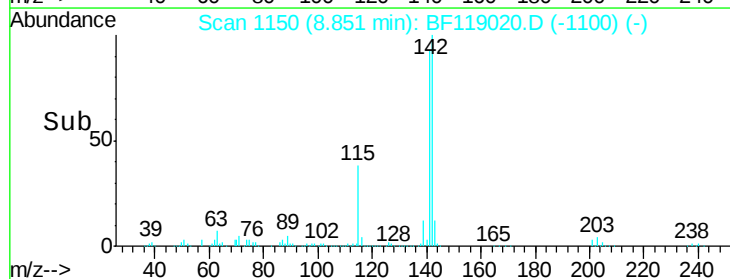
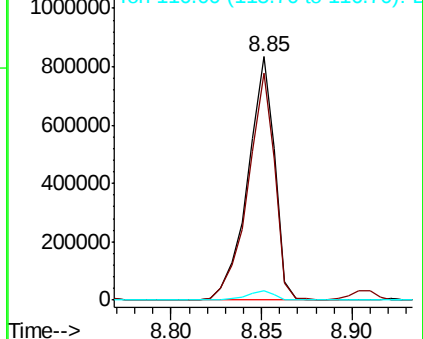


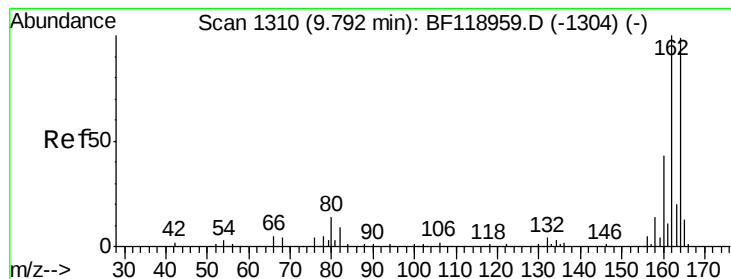
#38
1-Methylnaphthalene
Concen: 39.112 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion:142 Resp: 850278
Ion Ratio Lower Upper
142 100
141 93.1 73.7 110.5
116 3.9 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: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampled :

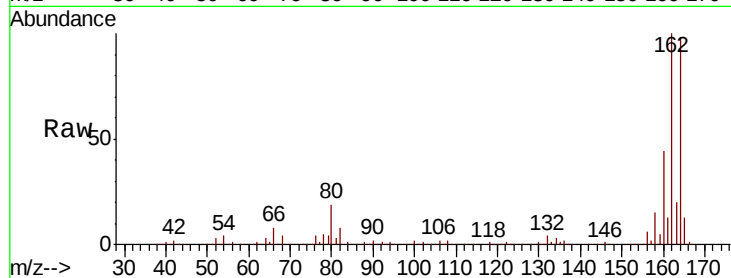
Tot Ion:164 Resp: 379642

Ion Ratio Lower Upper

164 100

162 101.6 81.2 121.8

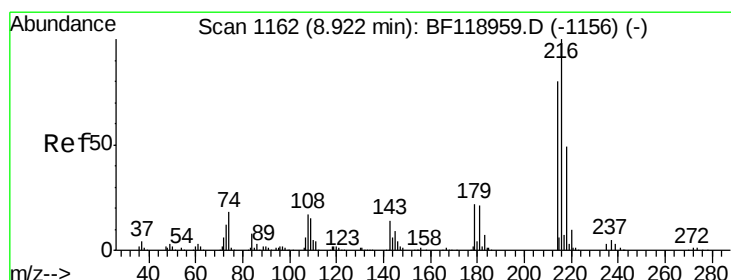
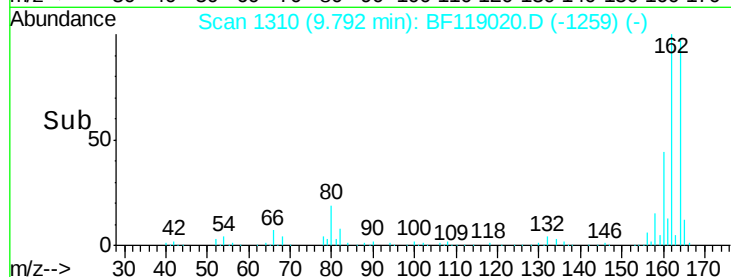
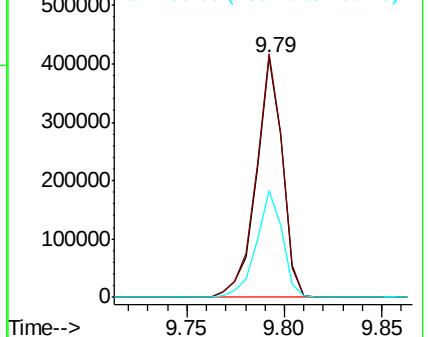
160 44.6 35.2 52.8



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: 34.942 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Tgt Ion:216 Resp: 447259

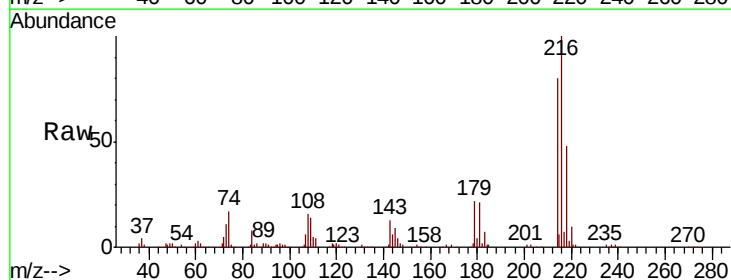
Ion Ratio Lower Upper

216 100

214 79.5 63.1 94.7

179 21.7 17.2 25.8

108 18.1 13.4 20.0

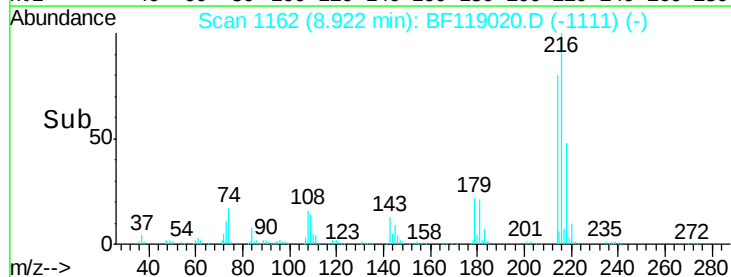
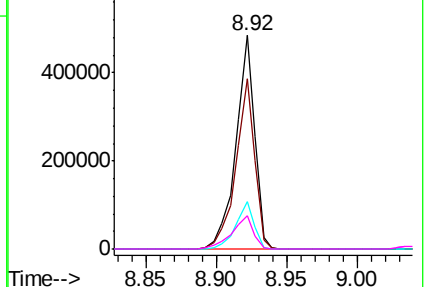


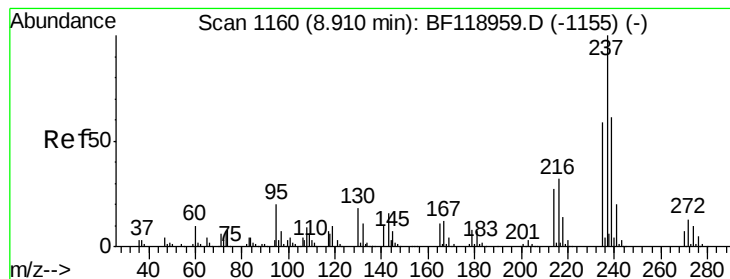
Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.483 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

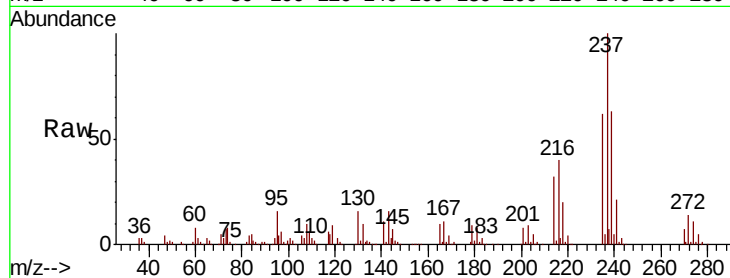
Tot Ion:237 Resp: 269700

Ion Ratio Lower Upper

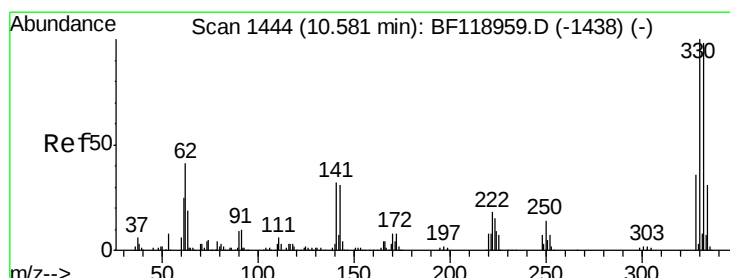
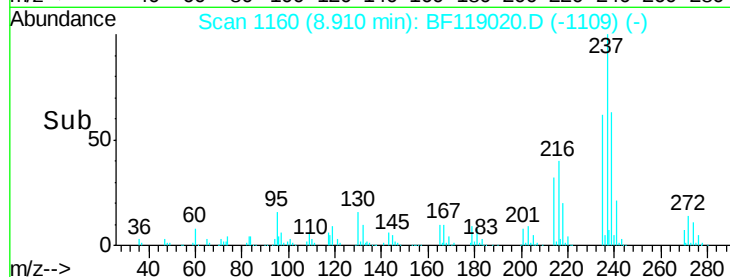
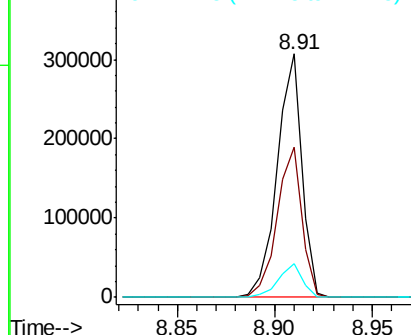
237 100

235 61.6 39.4 79.4

272 13.7 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: 103.640 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

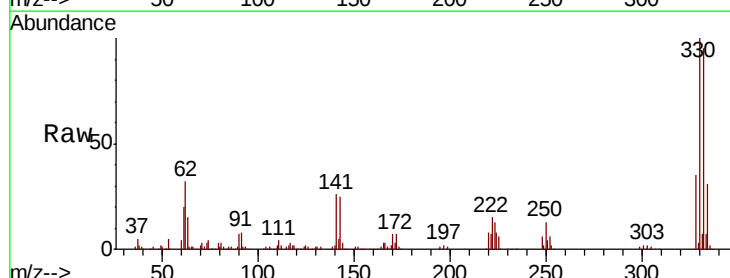
Tgt Ion:330 Resp: 514711

Ion Ratio Lower Upper

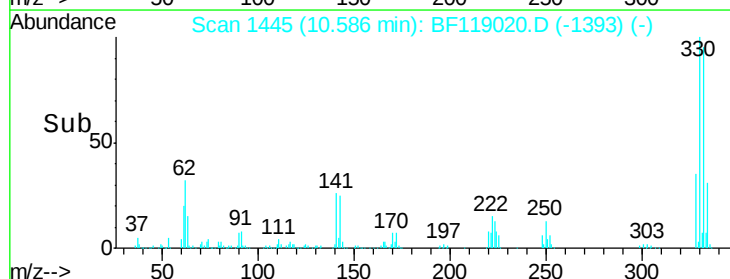
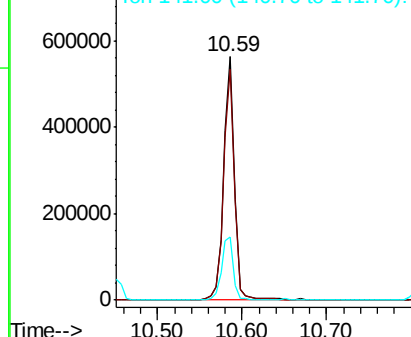
330 100

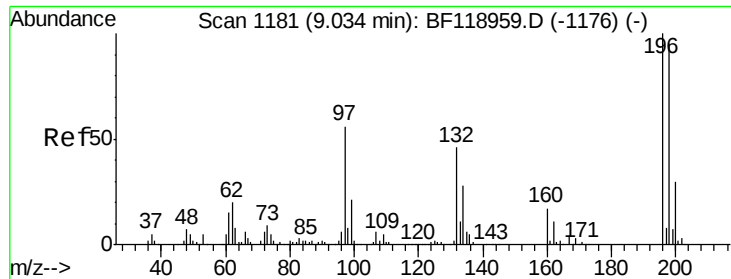
332 96.0 77.1 115.7

141 28.5 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

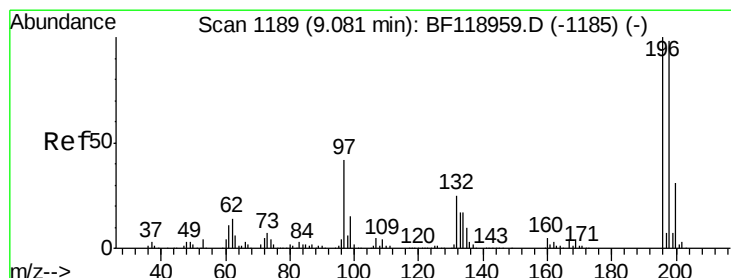
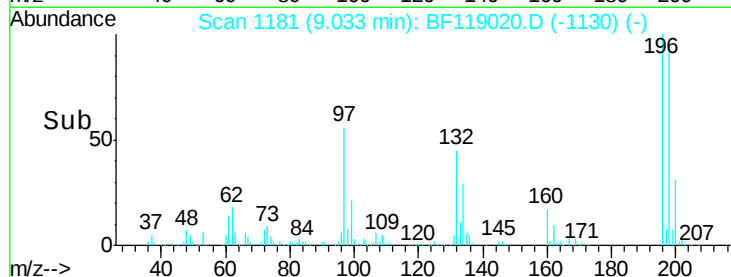
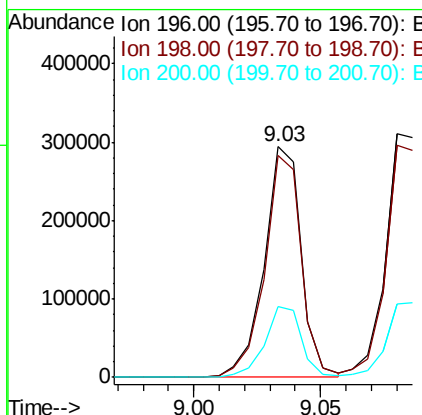
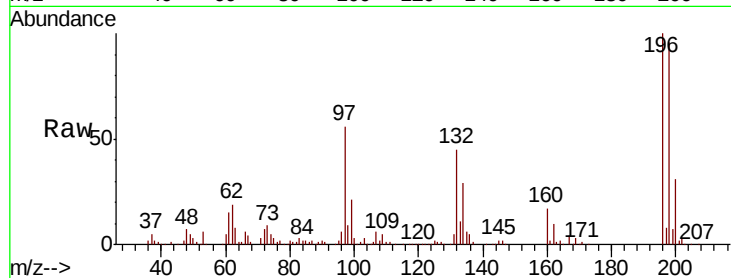




#43
 2,4,6-Trichlorophenol
 Concen: 37.224 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

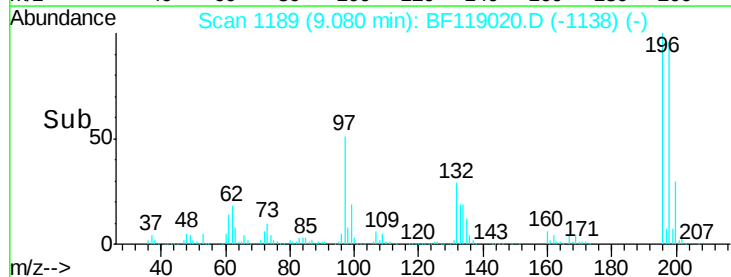
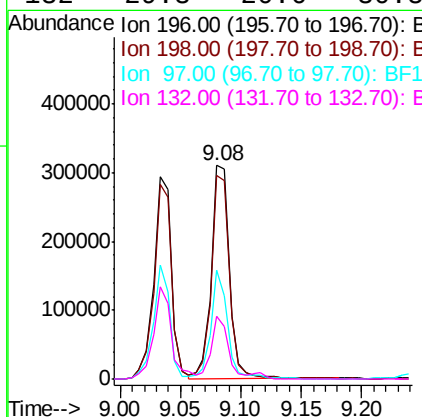
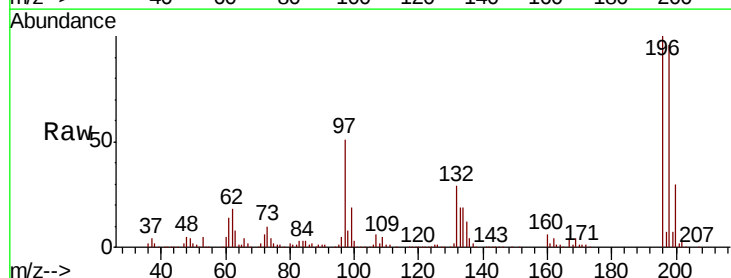
Instrument :
 BNA_F
 ClientSampled :

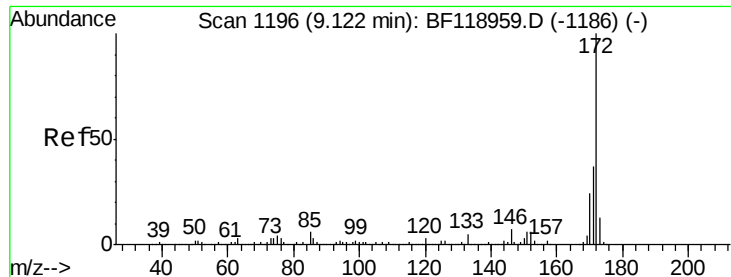
Tot Ion:196 Resp: 300884
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.8 113.6
 200 30.6 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 37.540 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion:196 Resp: 318413
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.4 117.6
 97 51.0 33.4 50.0#
 132 29.3 20.6 30.8

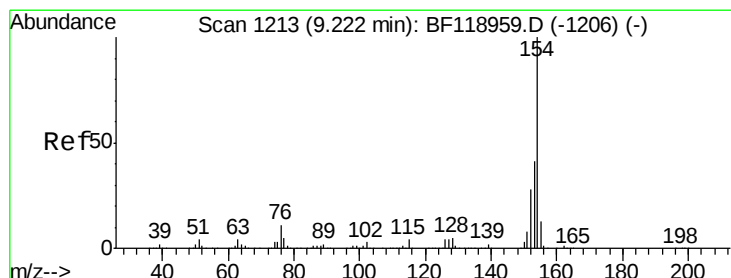
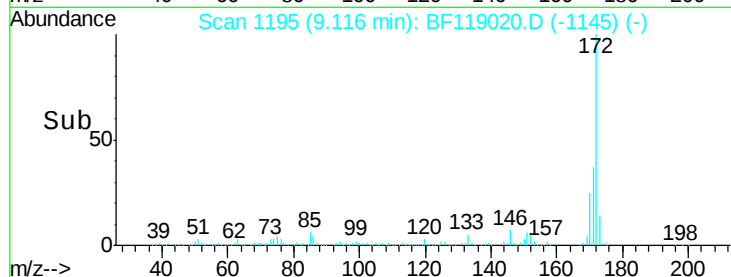
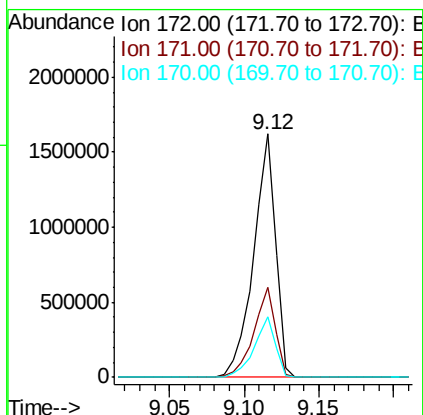
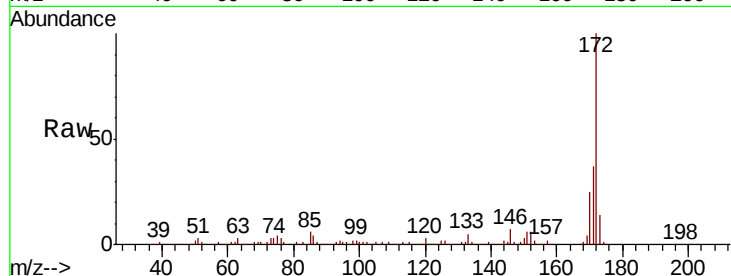




#45
2-Fluorobiphenyl
Concen: 63.535 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

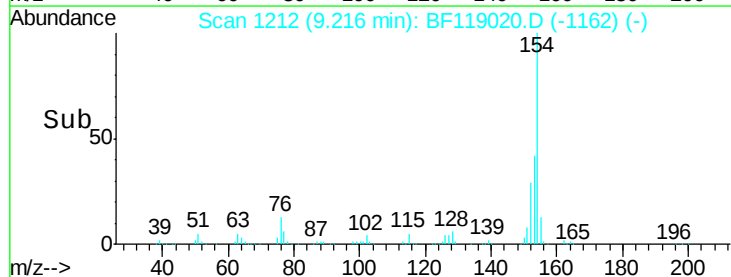
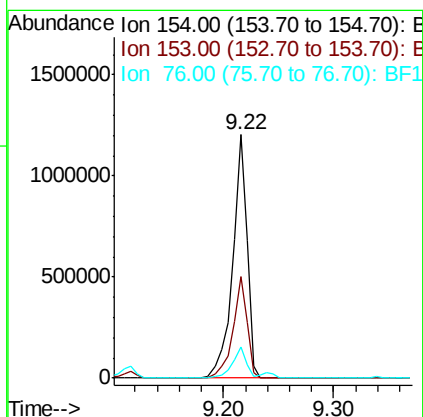
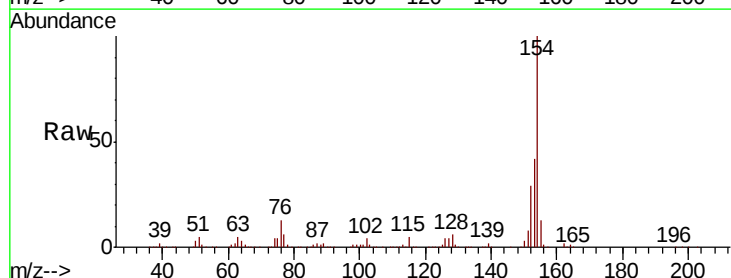
Instrument :
BNA_F
ClientSampleId :

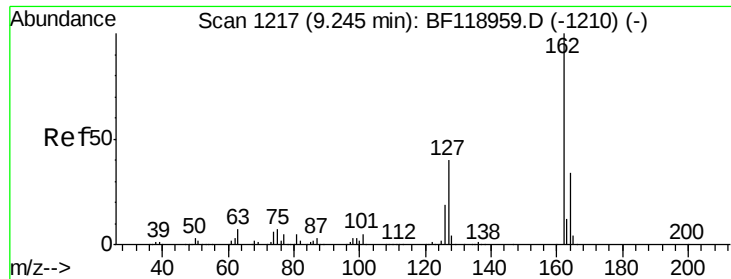
Tot Ion:172 Resp: 1637325
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.2
170 24.7 19.6 29.4



#46
1,1'-Biphenyl
Concen: 35.908 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion:154 Resp: 1101755
Ion Ratio Lower Upper
154 100
153 41.6 21.2 61.2
76 12.6 0.0 31.1

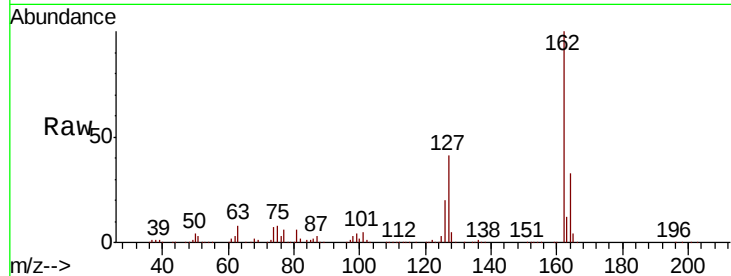




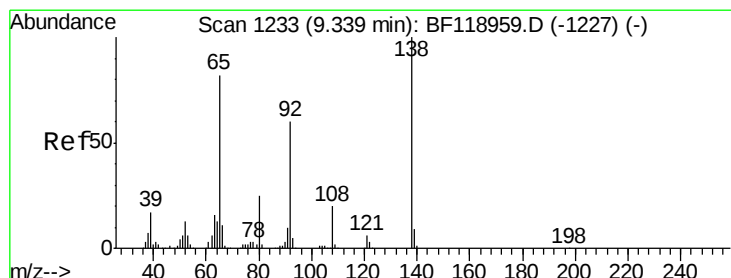
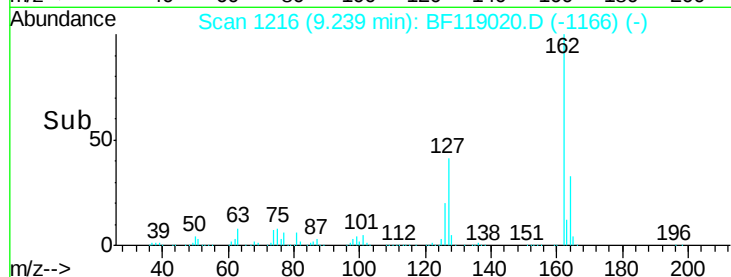
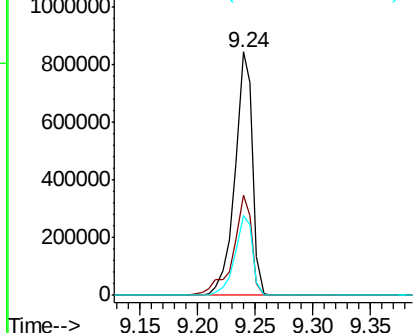
#47
 2-Chloronaphthalene
 Concen: 35.656 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	31.9	47.9
164	32.9	26.8	40.2

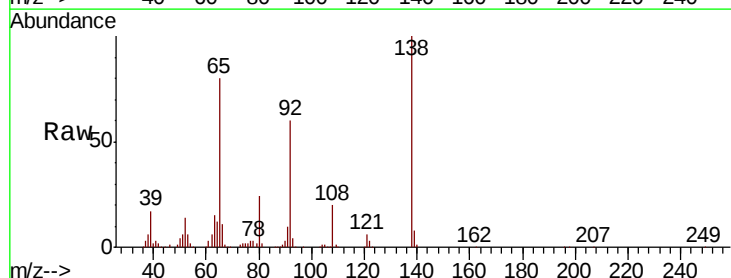


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

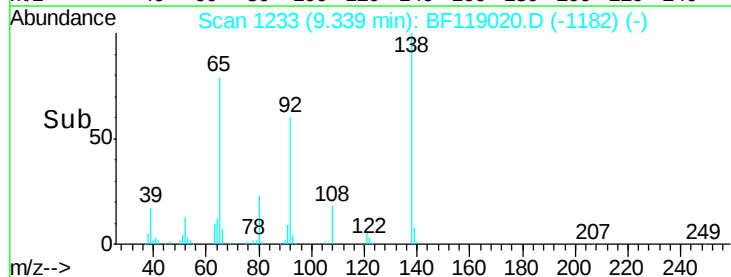
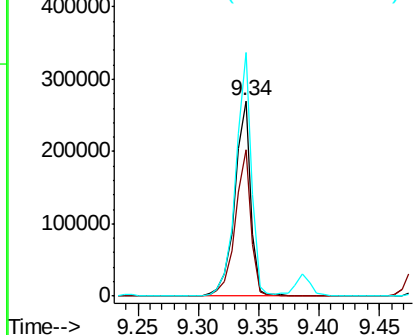


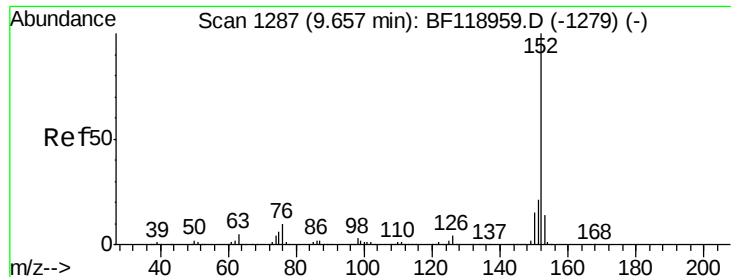
#48
 2-Nitroaniline
 Concen: 36.324 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	58.6	87.8
138	124.5	97.5	146.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.303 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

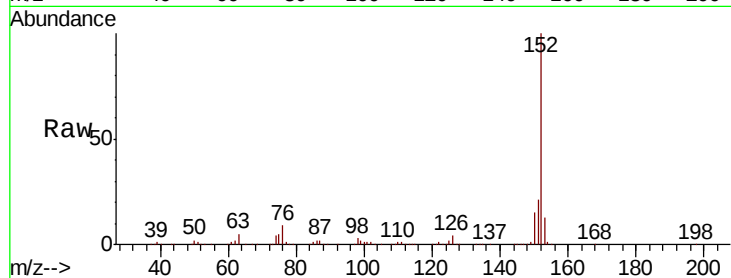
Tot Ion:152 Resp: 1367860

Ion Ratio Lower Upper

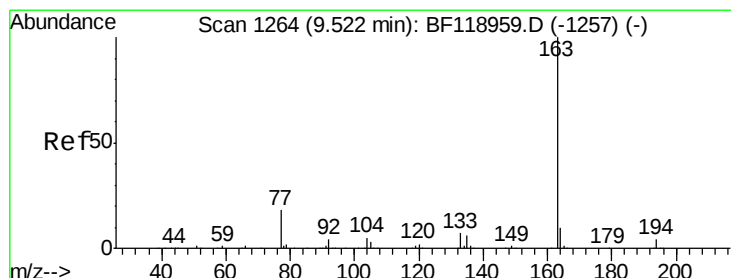
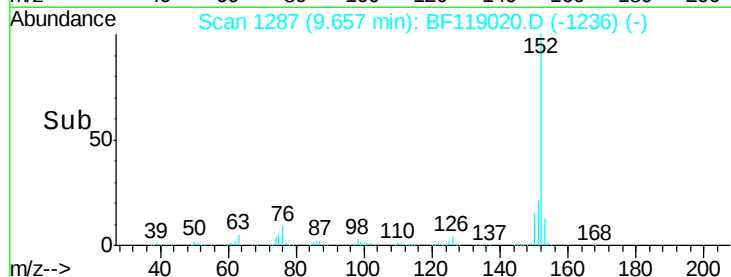
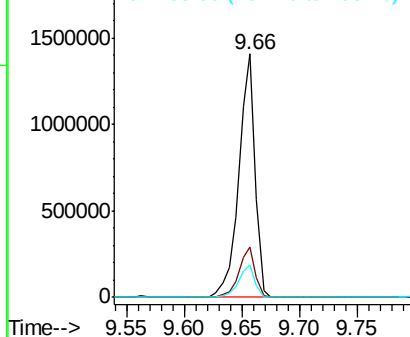
152 100

151 20.9 16.7 25.1

153 13.1 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: 37.345 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

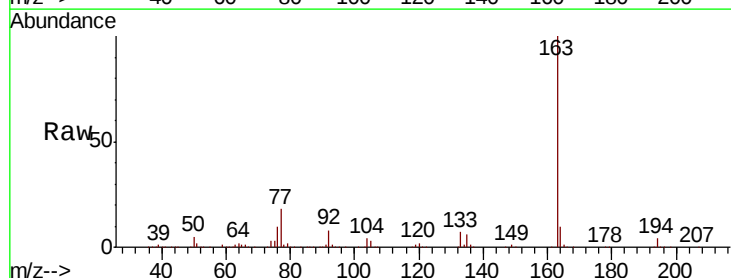
Tgt Ion:163 Resp: 1084144

Ion Ratio Lower Upper

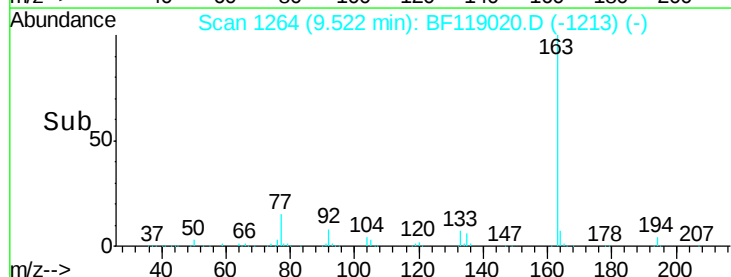
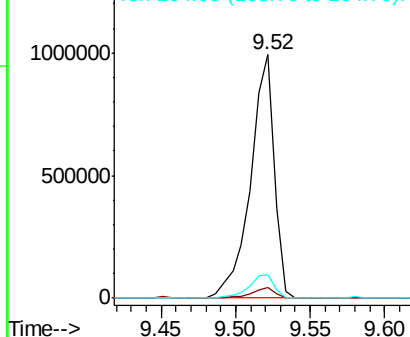
163 100

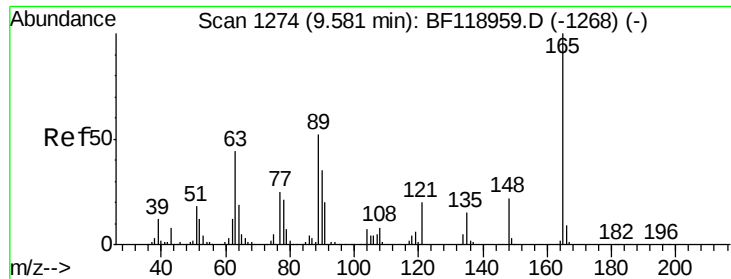
194 4.4 3.4 5.2

164 9.8 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

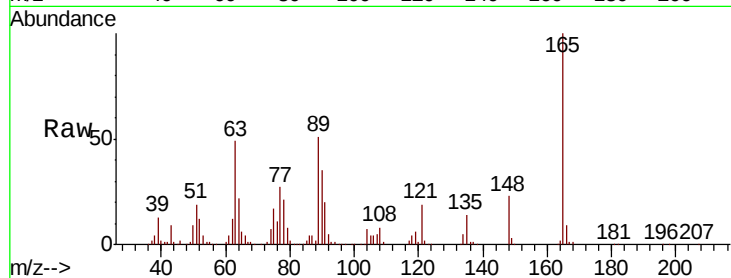




#51
 2,6-Dinitrotoluene
 Concen: 38.515 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampled :

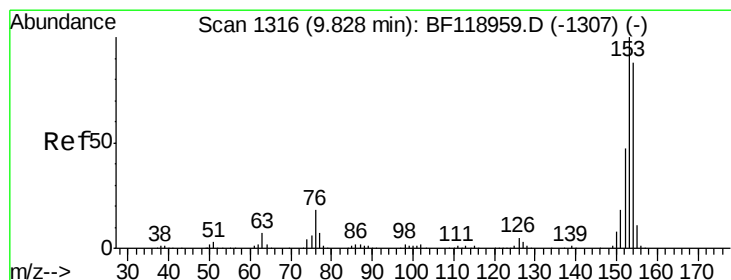
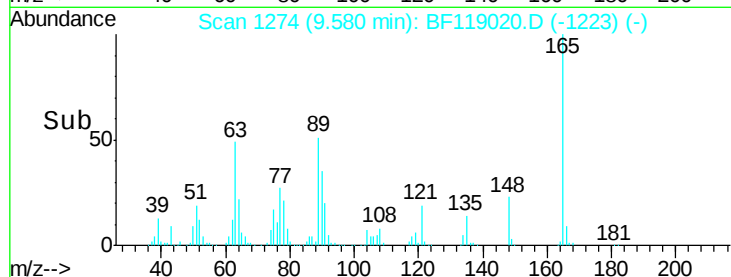
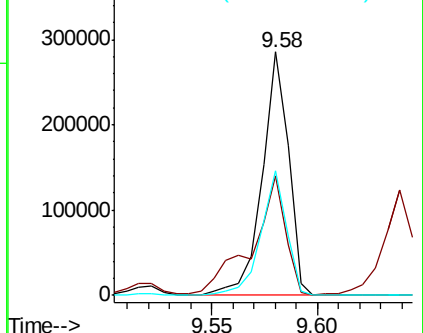
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.2	37.9	56.9
89	51.3	41.4	62.0



Abundance Ion 165.00 (164.70 to 165.70): E

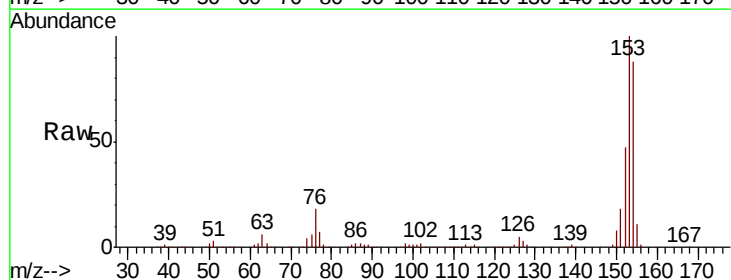
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 37.047 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

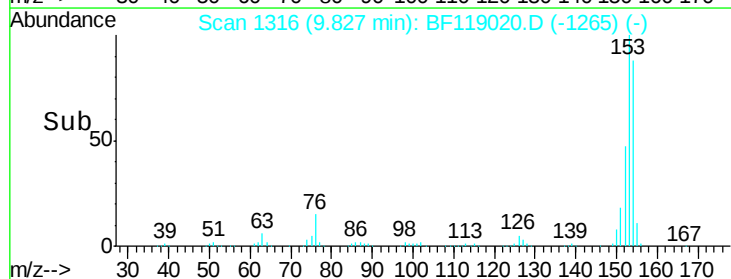
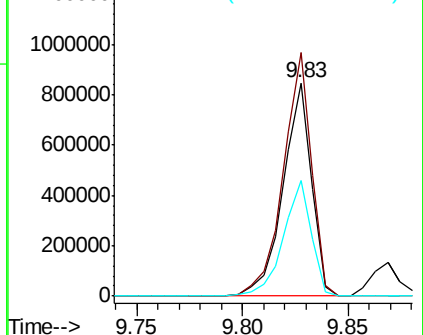
Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.4	135.6
152	54.0	42.9	64.3

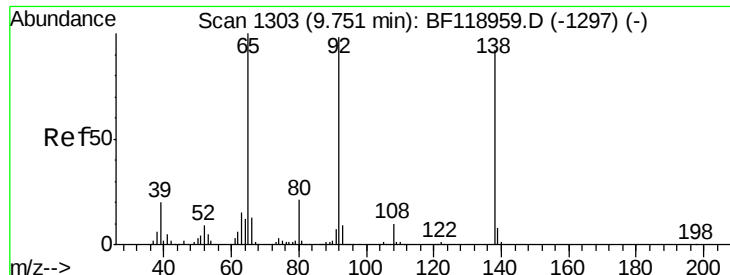


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

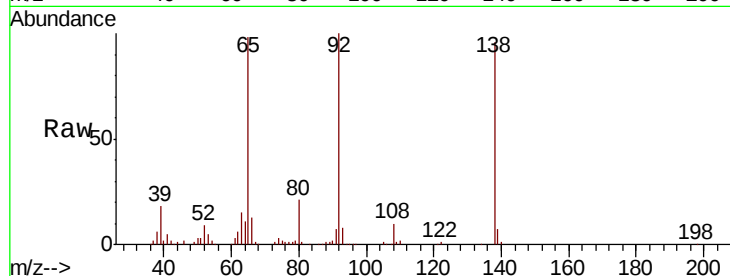




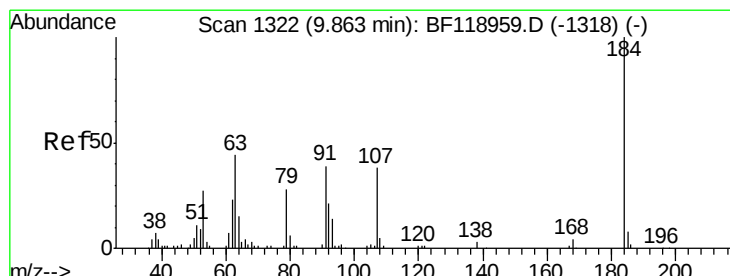
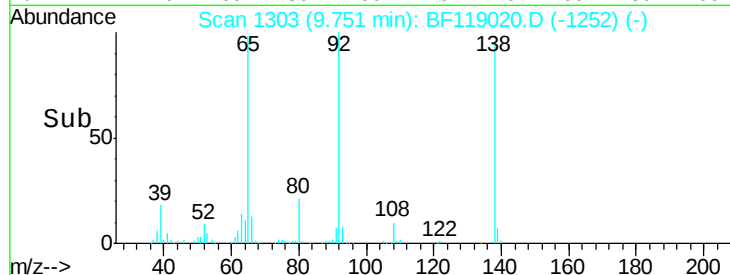
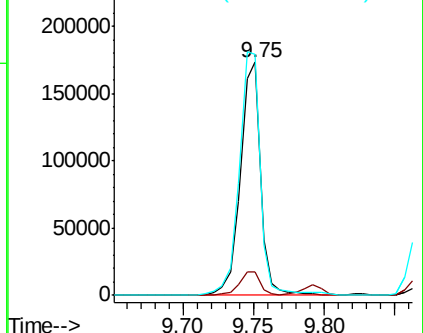
#53
3-Nitroaniline
Concen: 24.279 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 173605
Ion Ratio Lower Upper
138 100
108 10.3 8.6 13.0
92 103.7 84.6 127.0

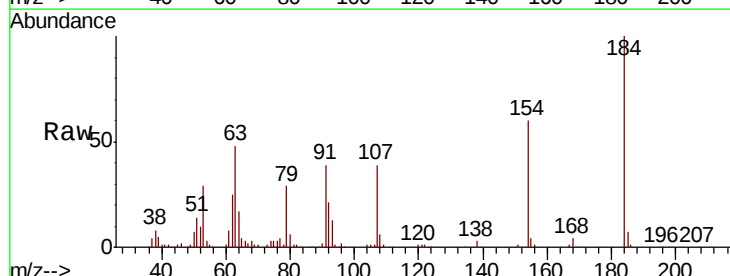


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

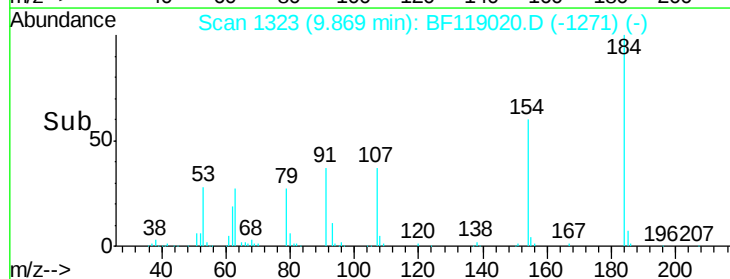
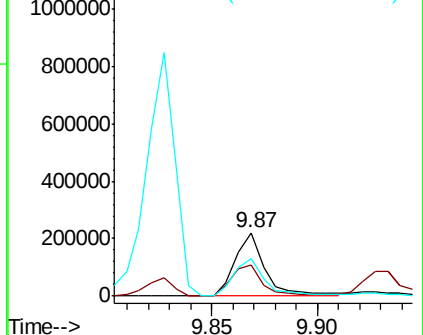


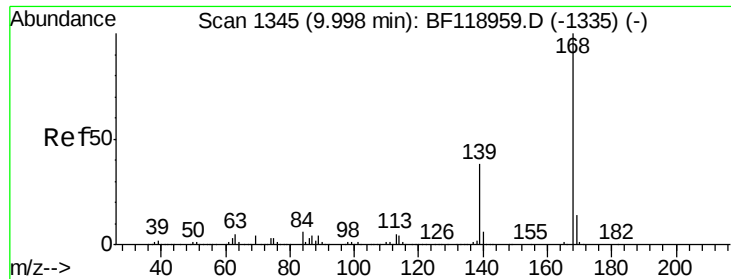
#54
2,4-Dinitrophenol
Concen: 70.835 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion:184 Resp: 219087
Ion Ratio Lower Upper
184 100
63 48.4 37.8 56.6
154 60.1 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

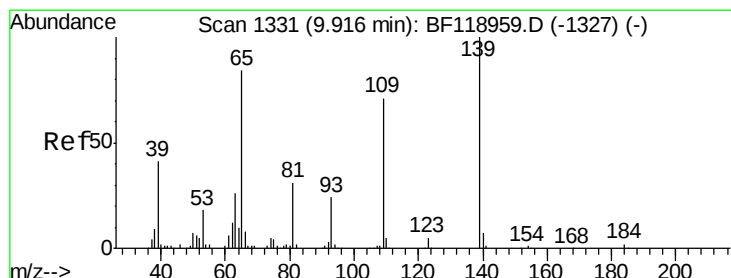
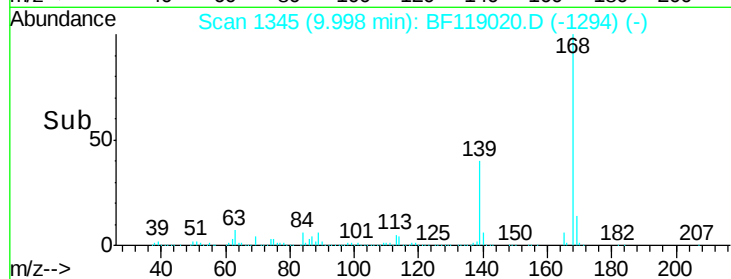
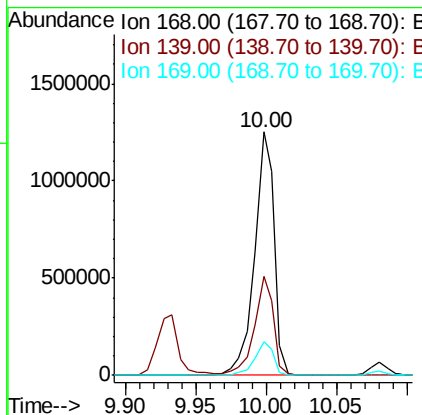
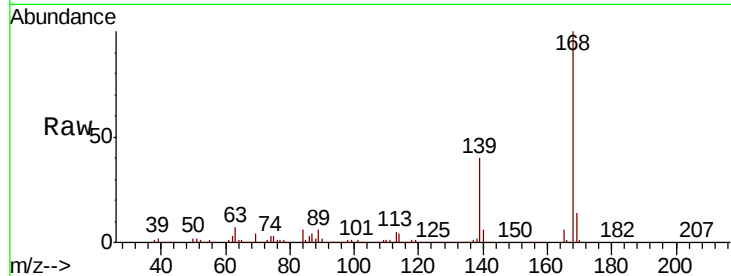




#55
Dibenzofuran
Concen: 37.997 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

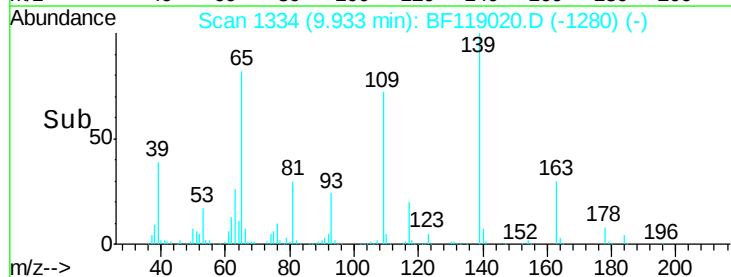
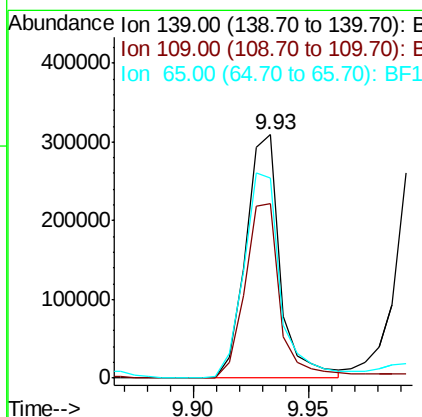
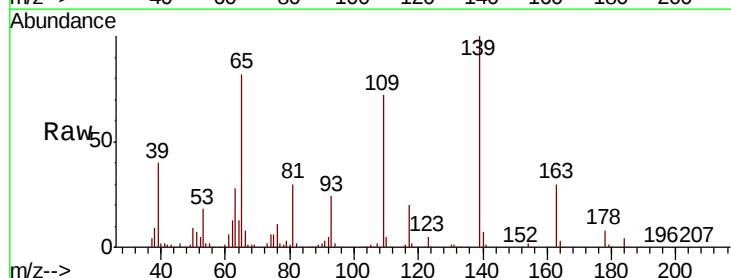
Instrument :
BNA_F
ClientSampleId :

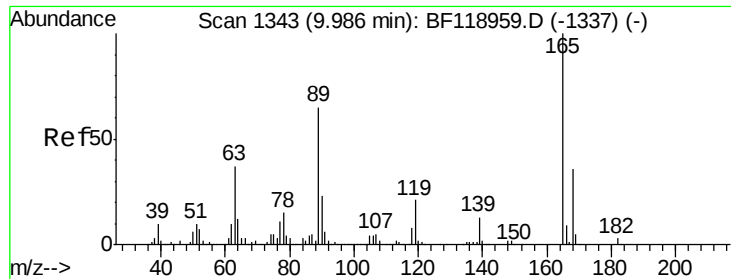
Tot Ion:168 Resp: 1221251
Ion Ratio Lower Upper
168 100
139 40.4 31.7 47.5
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 75.044 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion:139 Resp: 322393
Ion Ratio Lower Upper
139 100
109 71.7 51.1 91.1
65 82.0 64.7 104.7

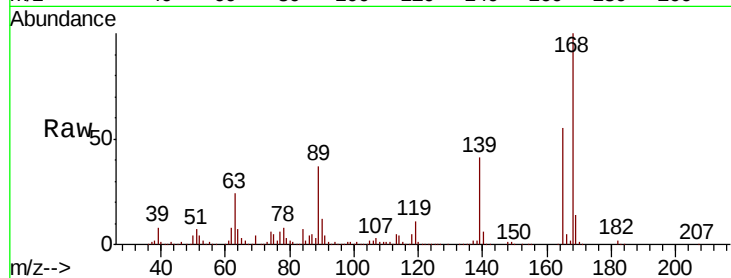




#57
2,4-Dinitrotoluene
Concen: 38.233 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	29.8	44.8
89	67.2	51.9	77.9
182	2.9	2.3	3.5



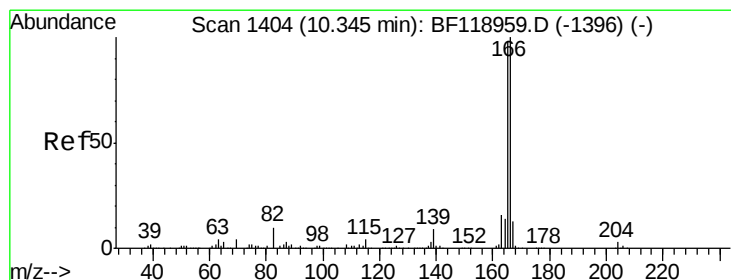
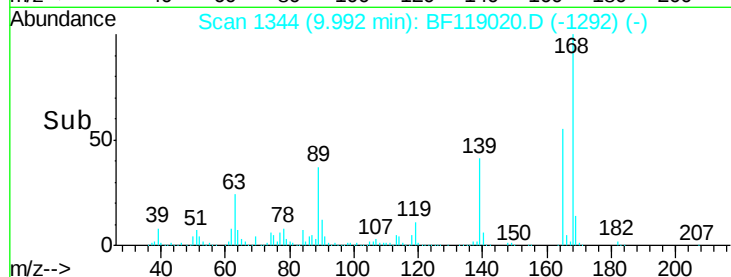
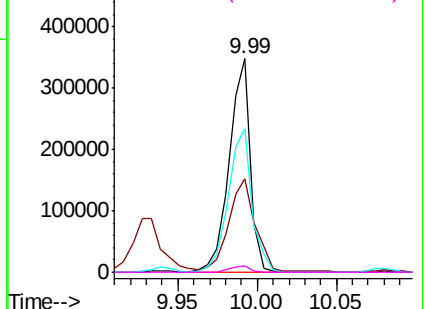
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

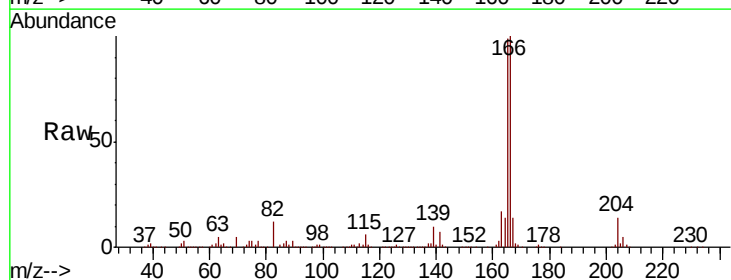
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.958 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.4
167	14.0	10.6	16.0

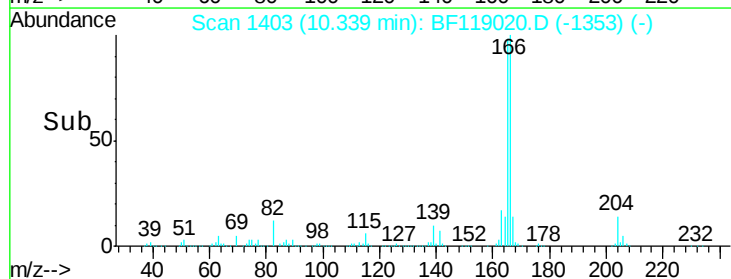
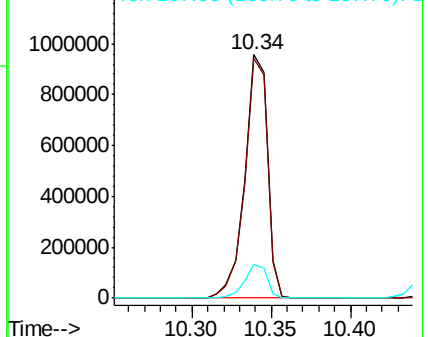


Abundance

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

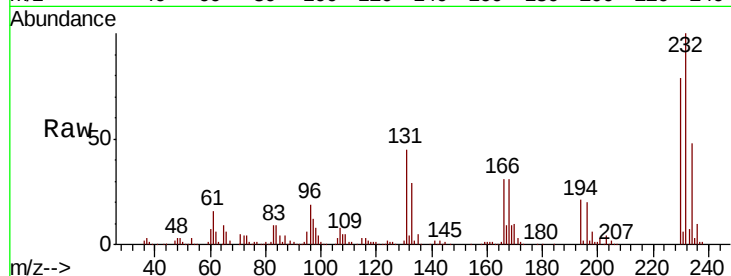




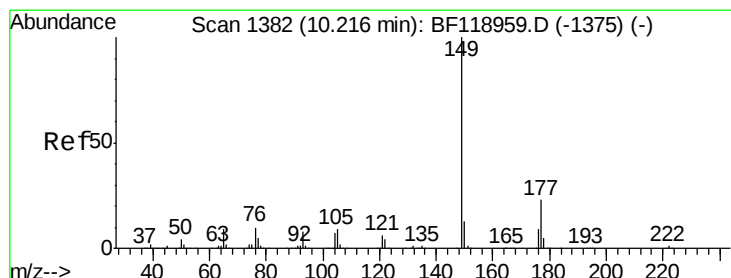
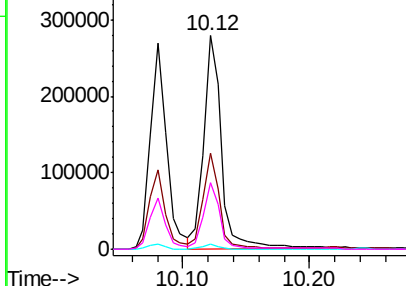
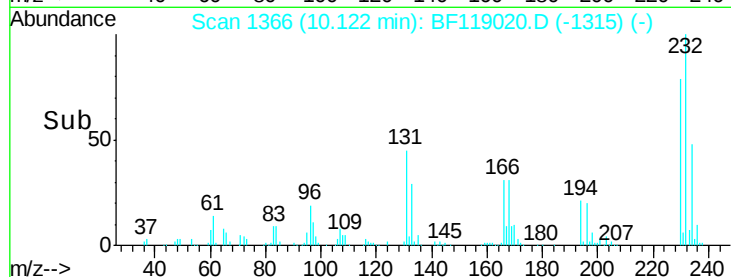
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.464 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 268134
 Ion Ratio Lower Upper
 232 100
 131 41.7 34.0 51.0
 130 2.1 1.6 2.4
 166 28.7 23.6 35.4

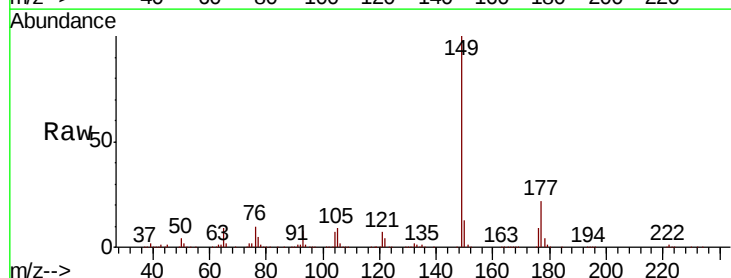


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

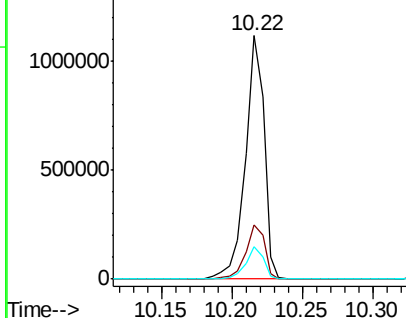
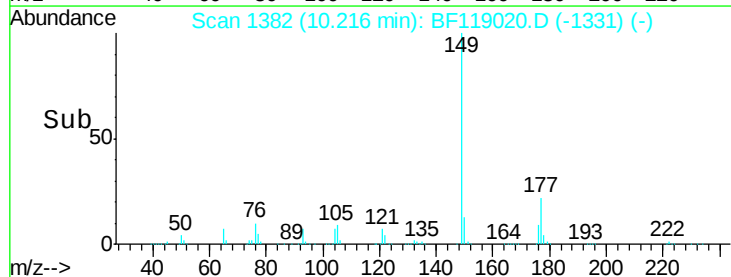


#60
 Diethylphthalate
 Concen: 37.734 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion:149 Resp: 1032314
 Ion Ratio Lower Upper
 149 100
 177 22.4 18.1 27.1
 150 13.1 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

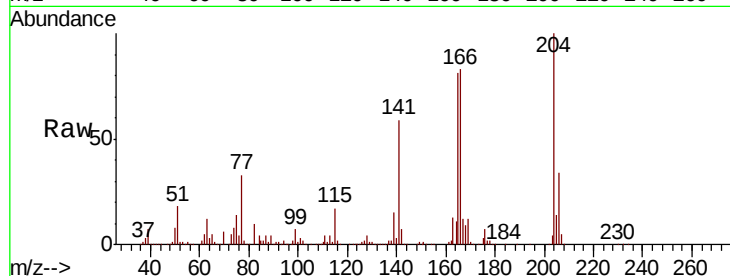




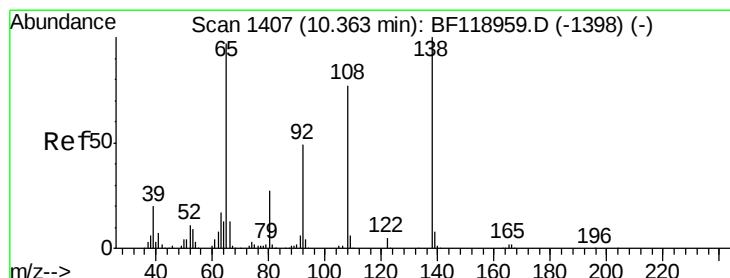
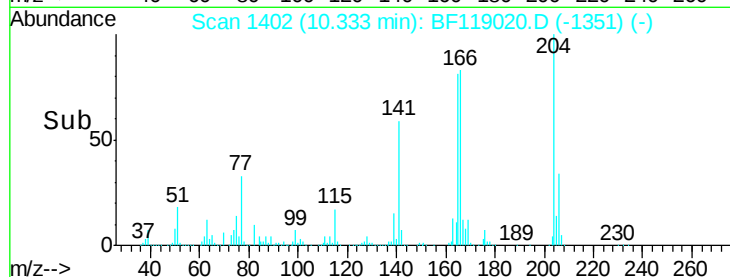
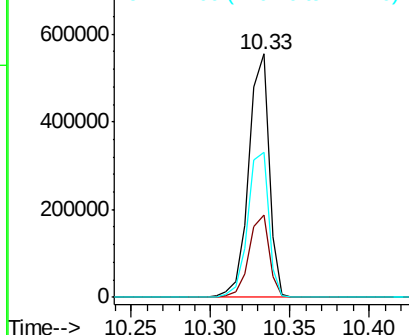
#61
4-Chlorophenyl-phenylether
Concen: 37.290 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.5	39.7
141	59.3	49.5	74.3

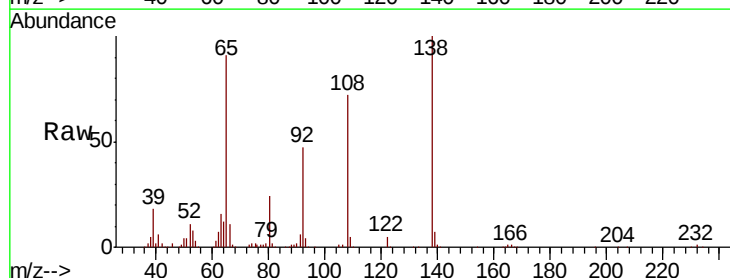


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

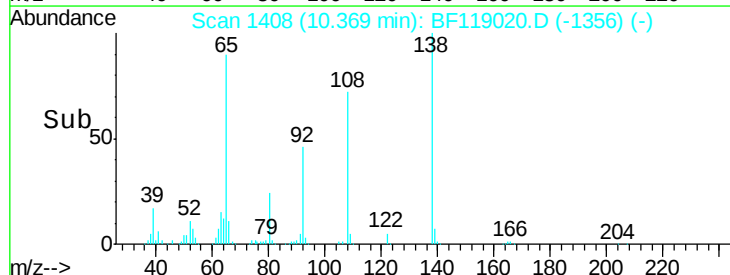
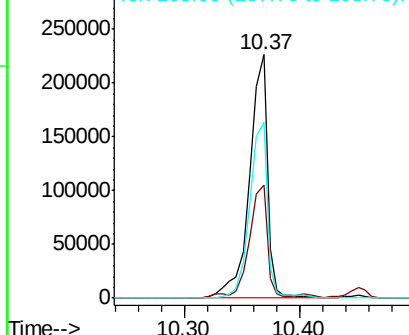


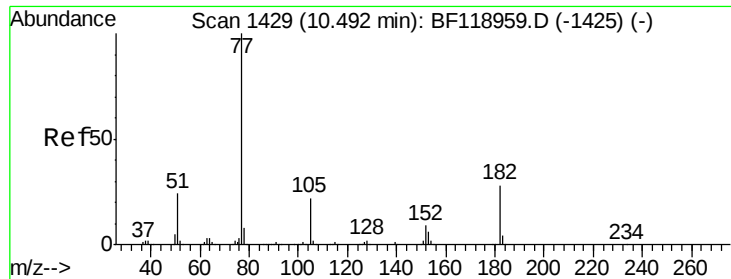
#62
4-Nitroaniline
Concen: 33.816 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	28.7	68.7
108	72.4	56.8	96.8



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





#63

Azobenzene

Concen: 38.406 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 913281

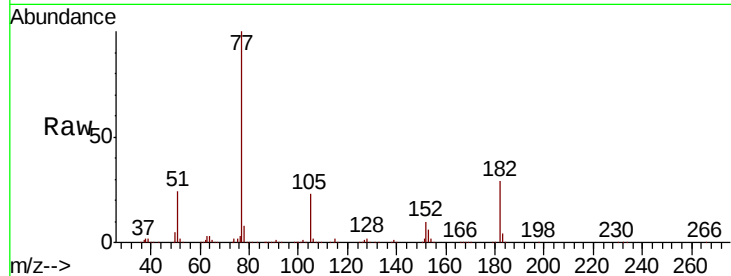
Ion Ratio Lower Upper

77 100

182 29.3 8.2 48.2

105 23.3 2.3 42.3

51 24.1 3.6 43.6

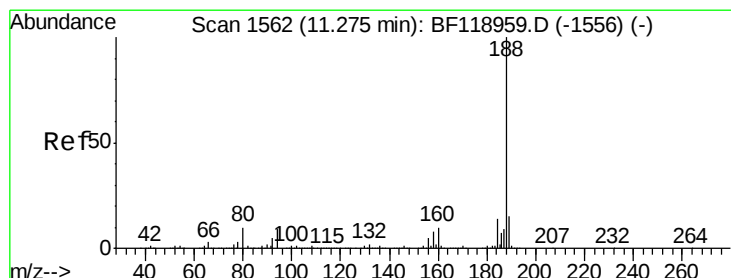
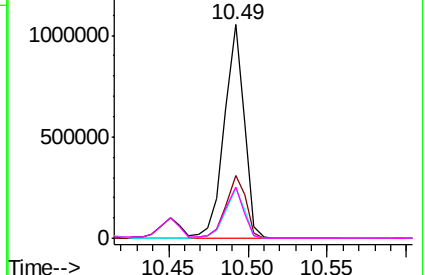
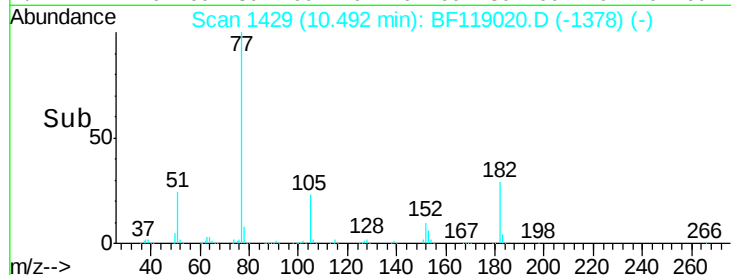


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF119020.D

Acq: 24 Feb 2020 13:37

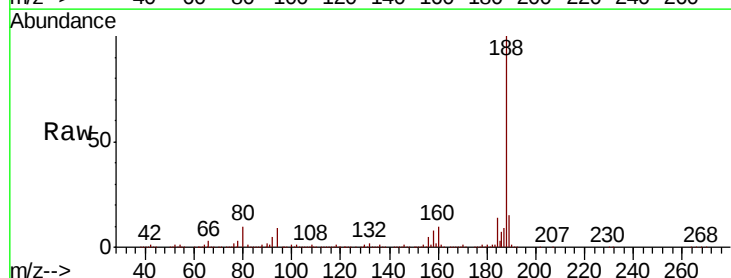
Tgt Ion: 188 Resp: 722681

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

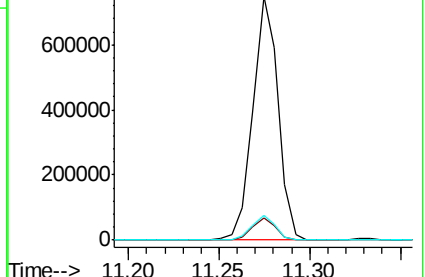
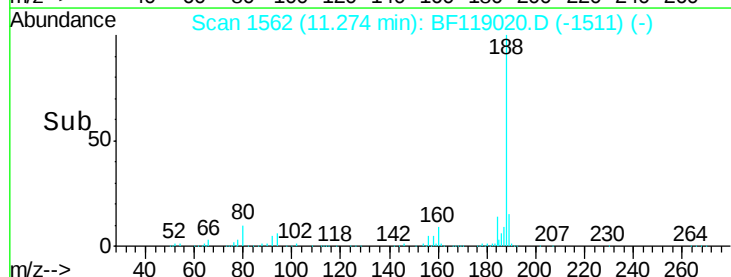
80 9.9 7.9 11.9

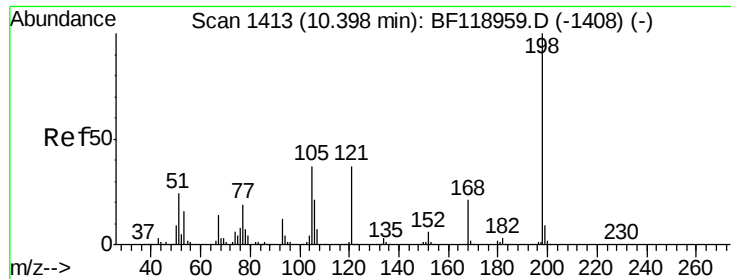


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

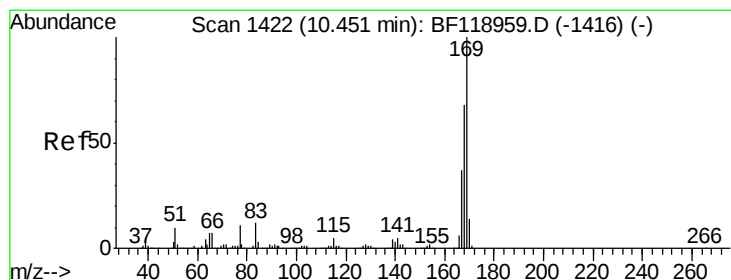
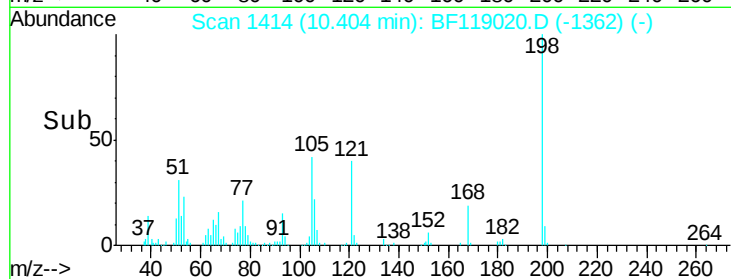
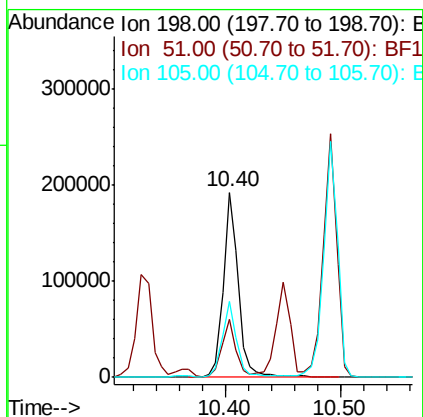
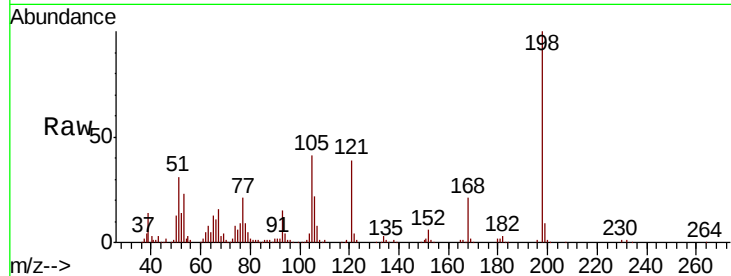




#65
4,6-Dinitro-2-methylphenol
Concen: 40.312 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

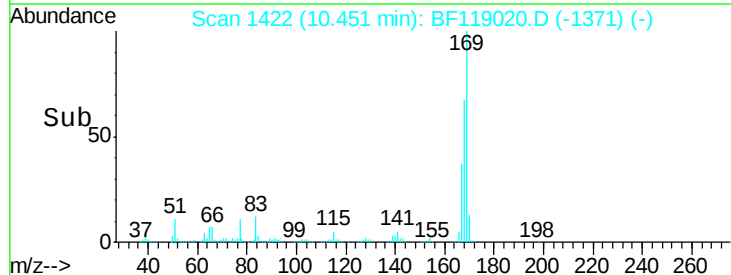
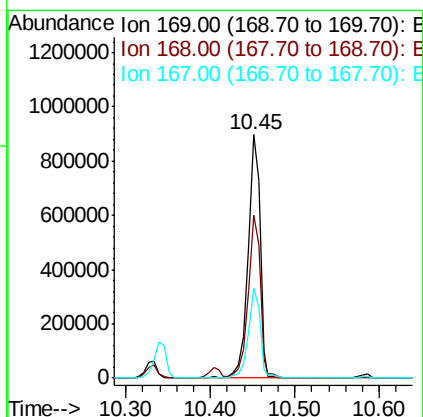
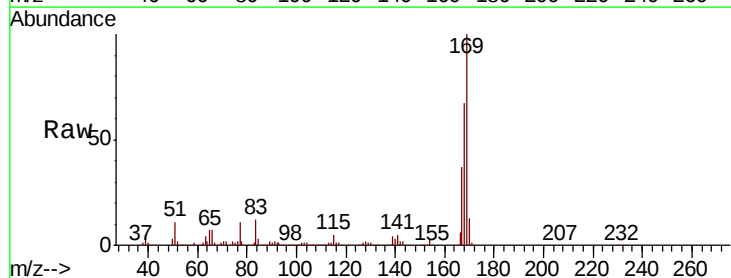
Instrument :
BNA_F
ClientSampleId :

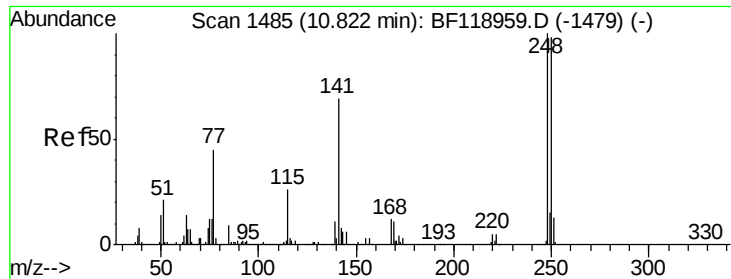
Tot Ion:198 Resp: 176286
Ion Ratio Lower Upper
198 100
51 31.4 7.1 47.1
105 41.4 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 36.959 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion:169 Resp: 874580
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.2
167 36.8 29.4 44.2

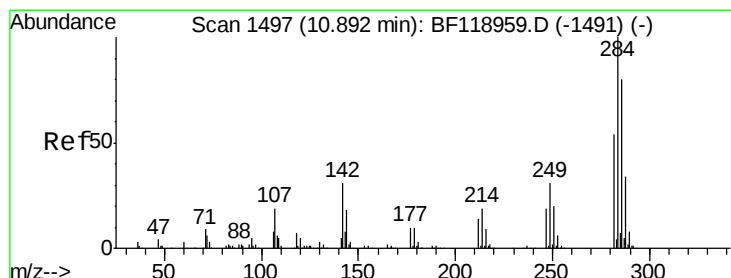
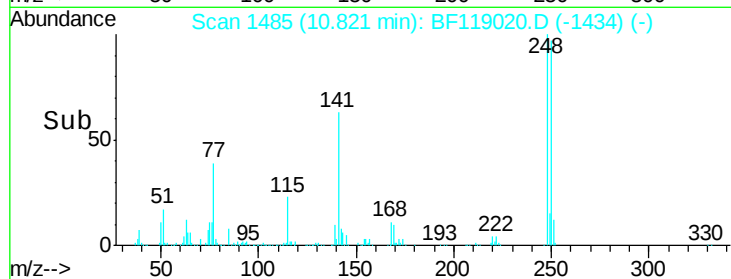
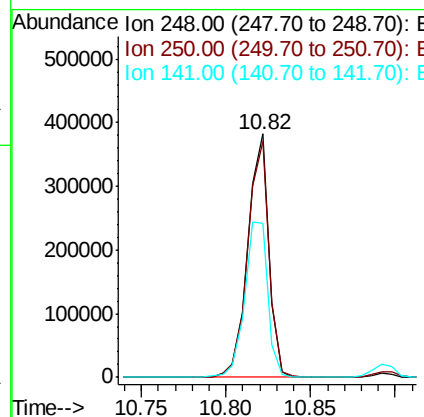
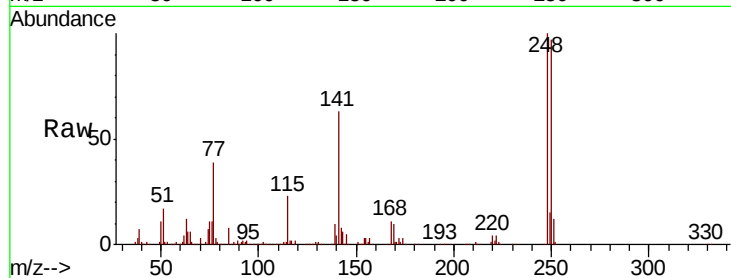




#67
4-Bromophenyl-phenylether
Concen: 35.360 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

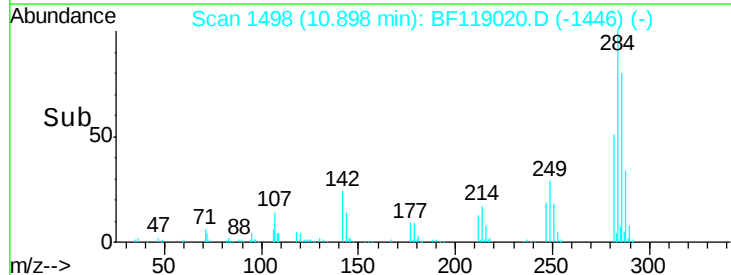
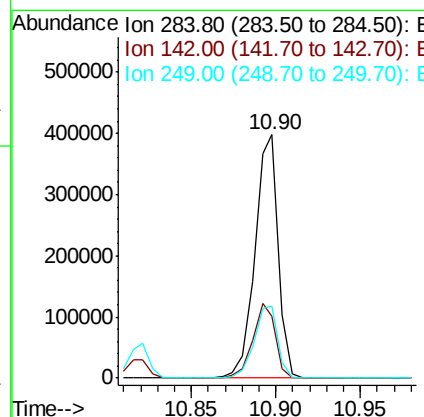
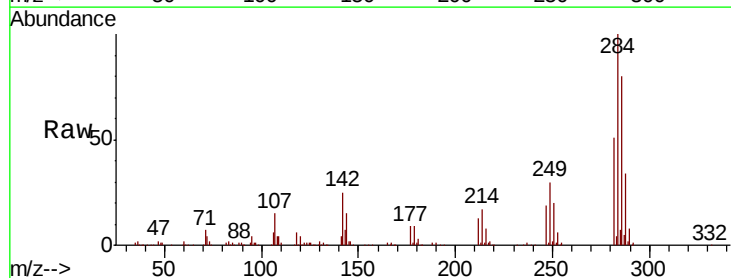
Instrument :
BNA_F
ClientSampleId :

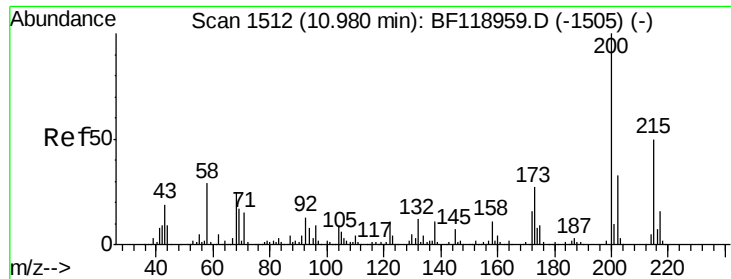
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.8	118.2
141	63.3	55.3	82.9



#68
Hexachlorobenzene
Concen: 35.089 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.3	25.0	37.6
249	29.8	25.0	37.4

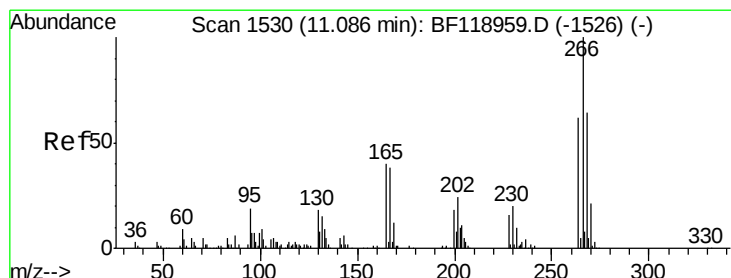
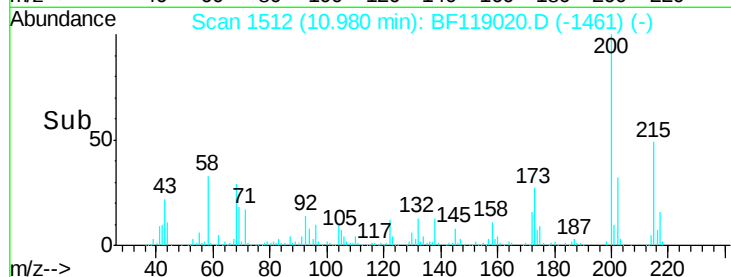
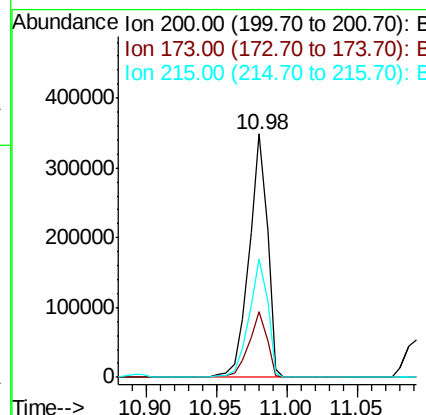
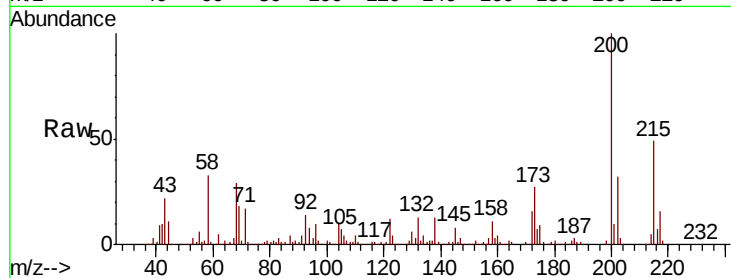




#69
Atrazine
Concen: 38.248 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

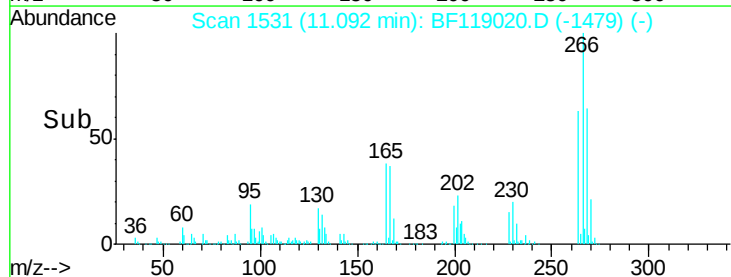
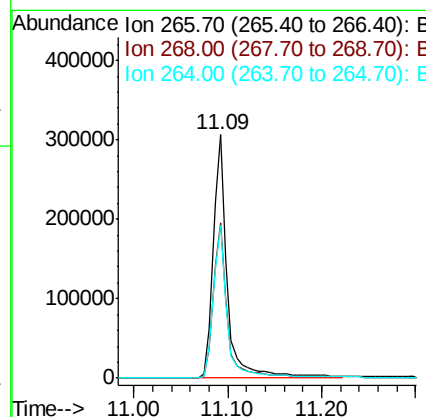
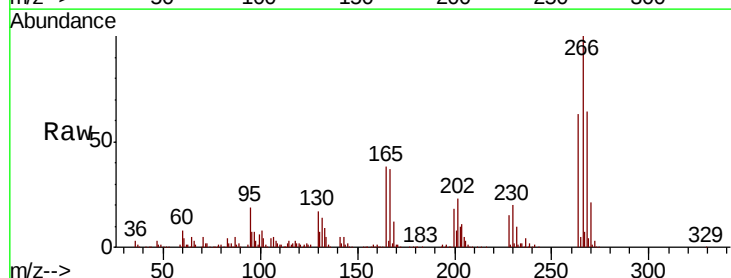
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.9	46.9
215	48.7	29.7	69.7



#70
Pentachlorophenol
Concen: 74.713 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.4	77.0
264	62.6	49.5	74.3





#71

Phenanthrene

Concen: 36.488 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

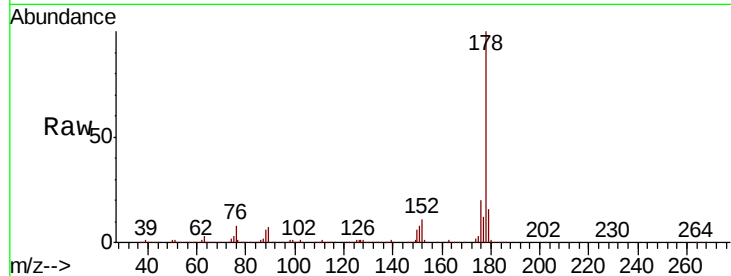
Tot Ion:178 Resp: 1438040

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

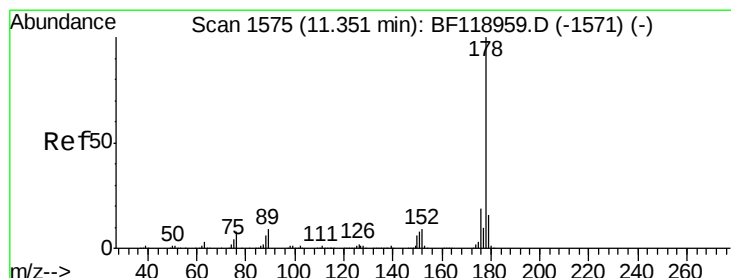
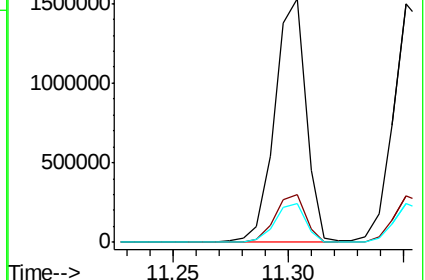
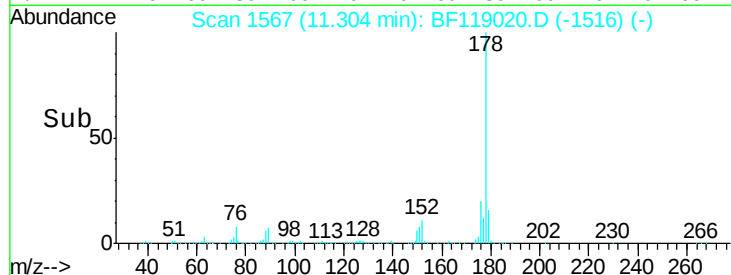
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.409 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

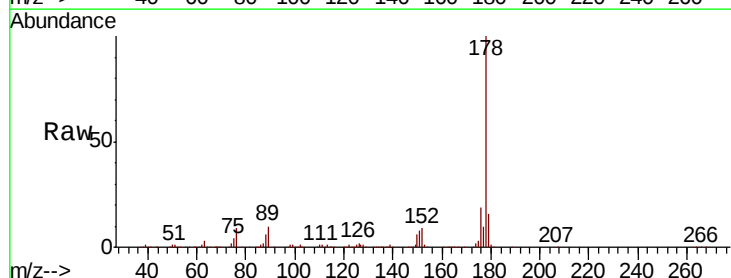
Tgt Ion:178 Resp: 1473100

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

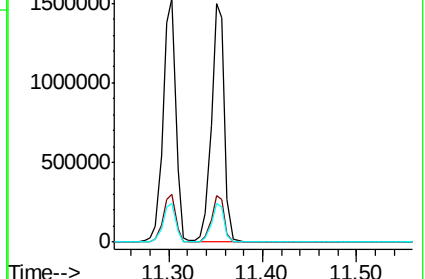
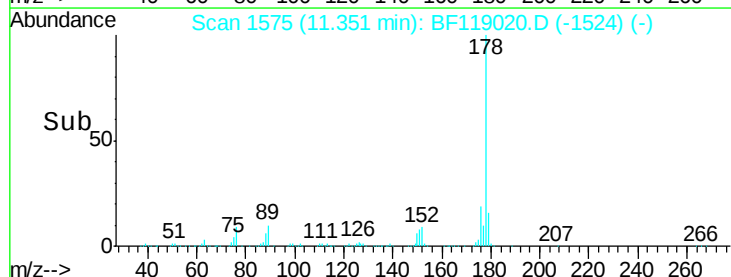
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



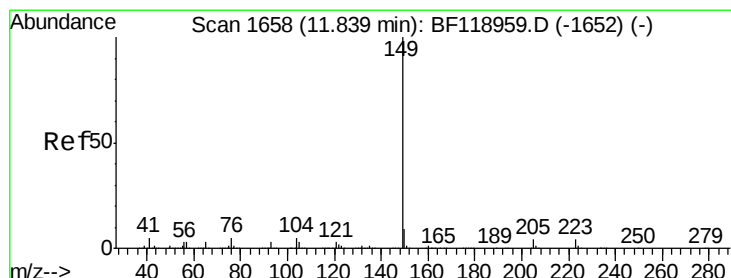
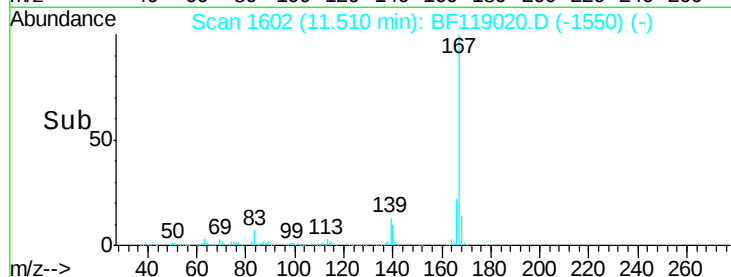
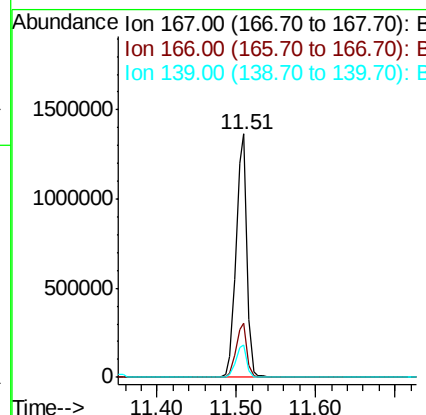
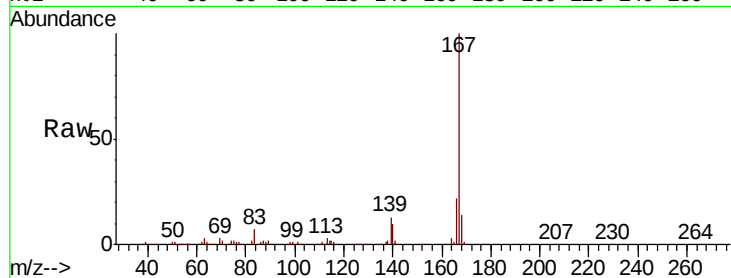


#73
 Carbazole
 Concen: 36.919 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1295165

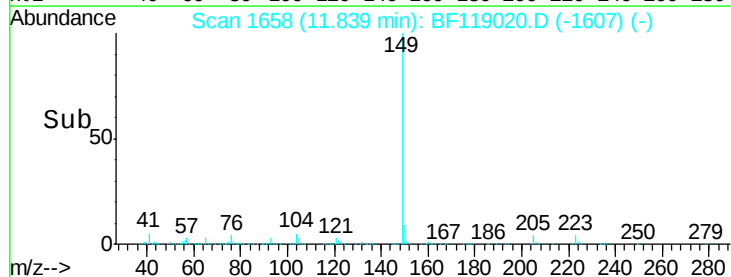
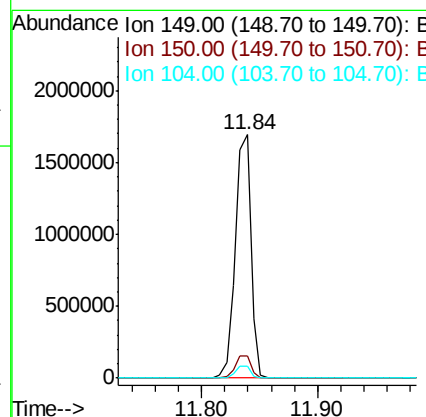
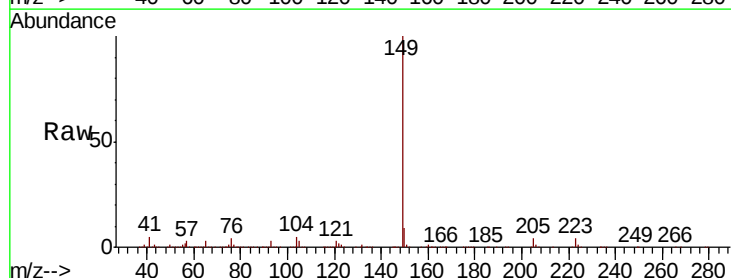
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.2	11.2	16.8



#74
 Di-n-butylphthalate
 Concen: 37.425 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion:149 Resp: 1589977

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.9	4.0	6.0

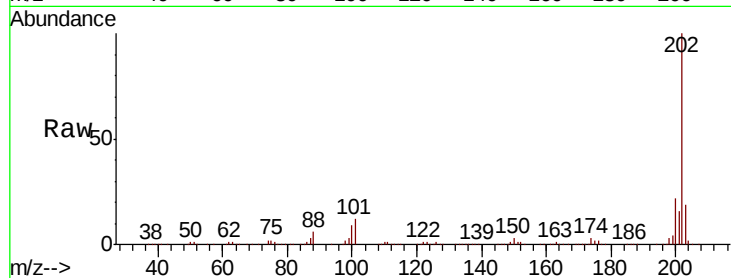




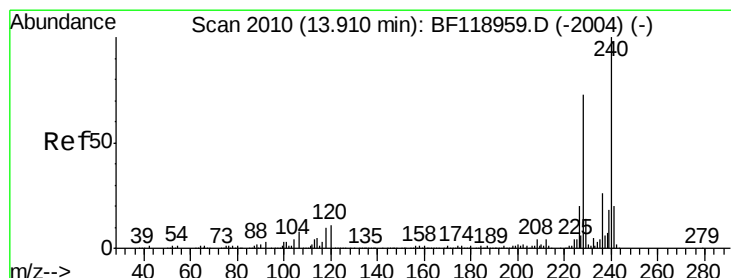
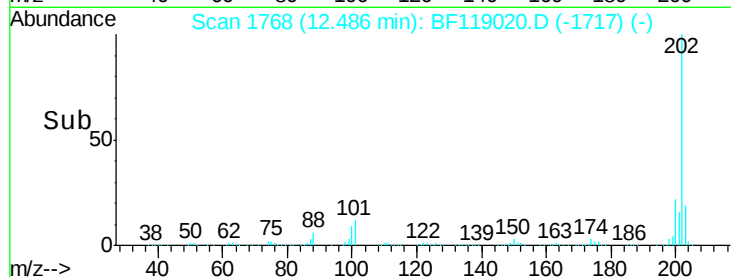
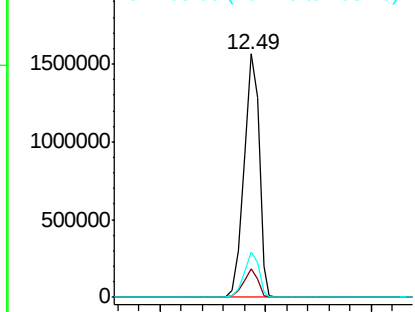
#75
 Fluoranthene
 Concen: 36.753 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1537542
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 31.1
 203 18.6 0.0 38.1

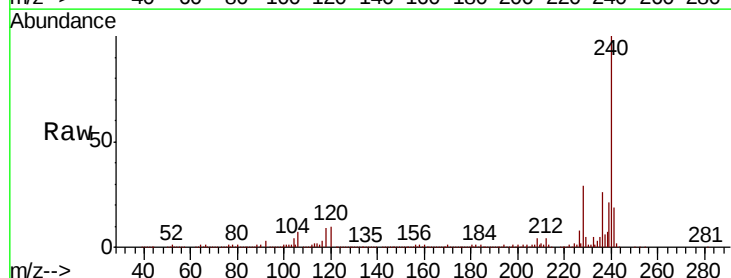


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

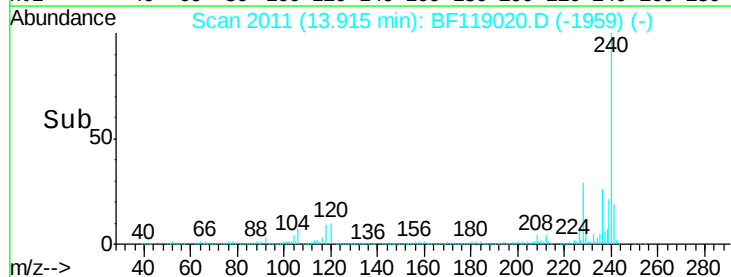
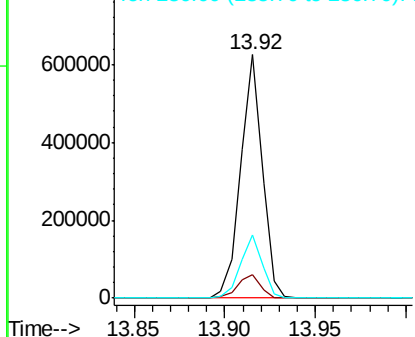


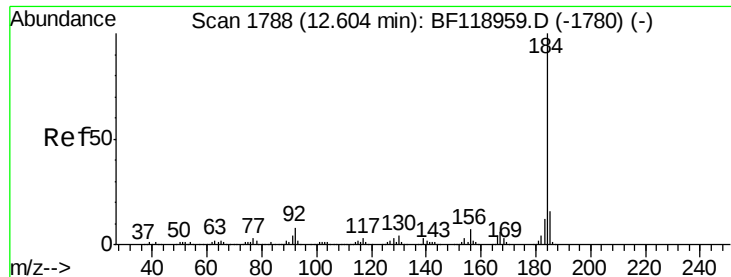
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF119020.D
 Acq: 24 Feb 2020 13:37

Tgt Ion:240 Resp: 519293
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.9 13.3
 236 26.2 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.061 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

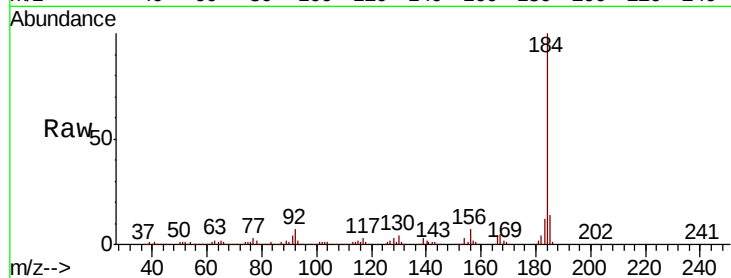
Tot Ion:184 Resp: 423666

Ion Ratio Lower Upper

184 100

185 14.1 12.6 19.0

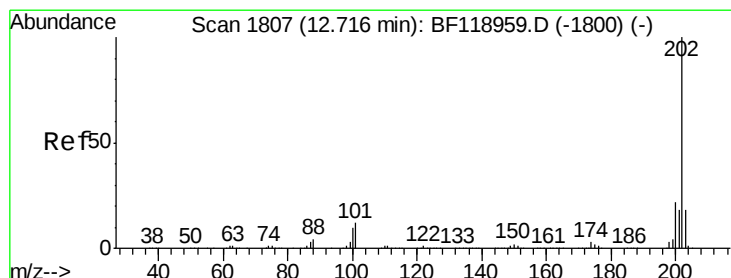
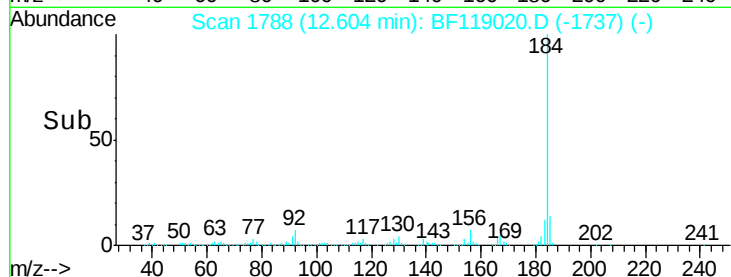
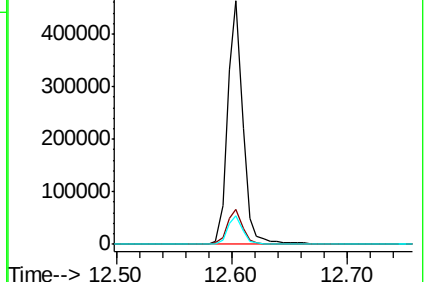
183 12.0 9.9 14.9



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: 37.239 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

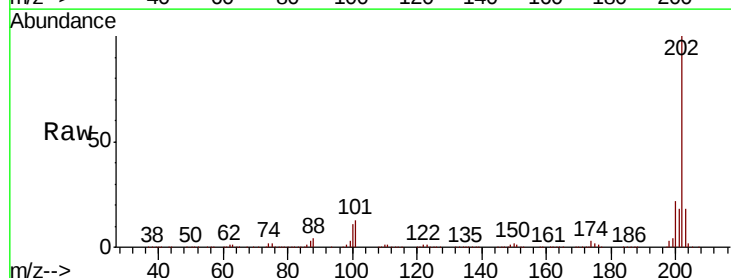
Tgt Ion:202 Resp: 1552801

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.0

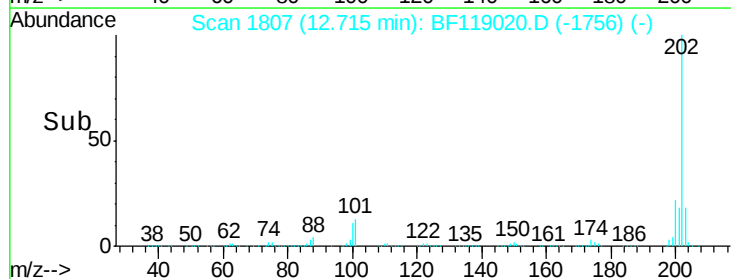
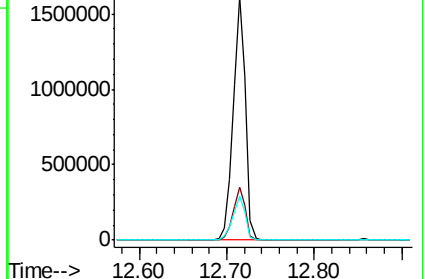
203 18.2 14.5 21.7

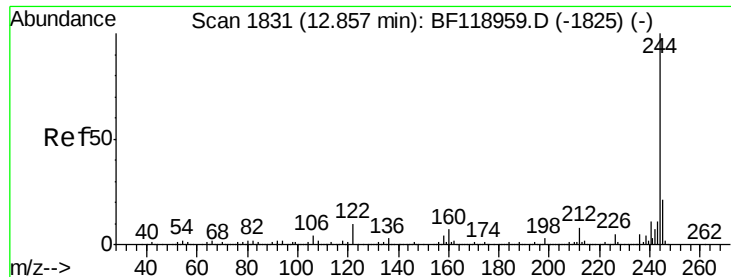


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.046 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampled :

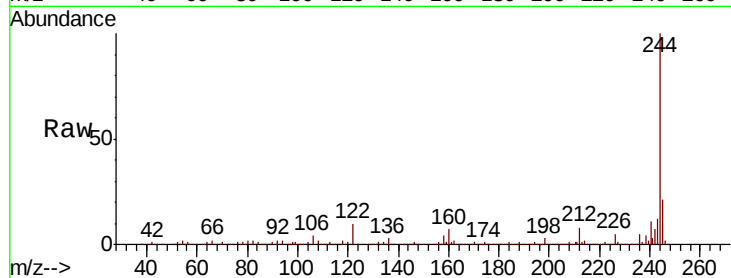
Tot Ion:244 Resp: 1961919

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

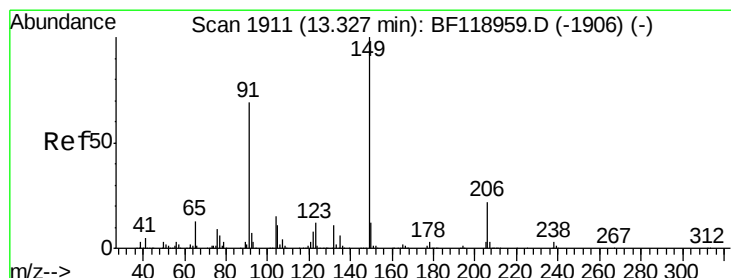
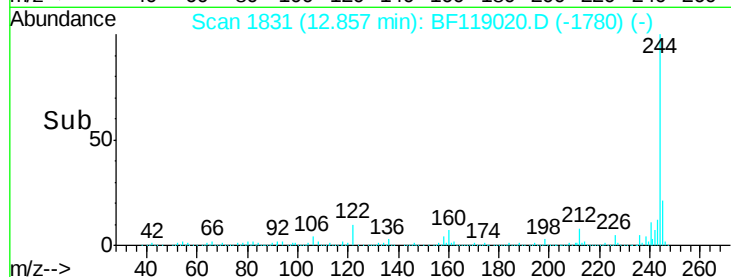
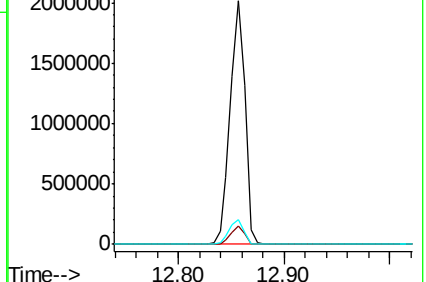
122 10.4 8.4 12.6



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: 38.287 ng

RT: 13.33 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

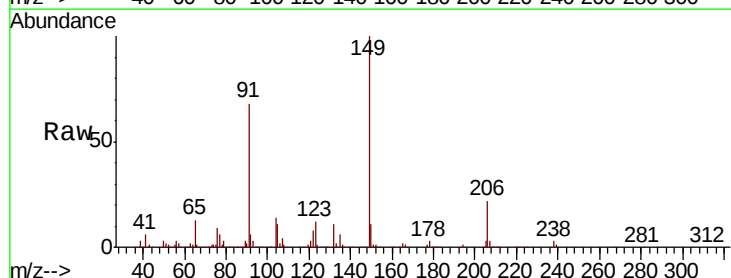
Tgt Ion:149 Resp: 671925

Ion Ratio Lower Upper

149 100

91 68.4 55.4 83.2

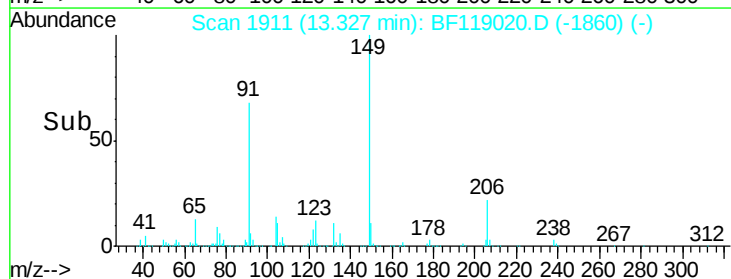
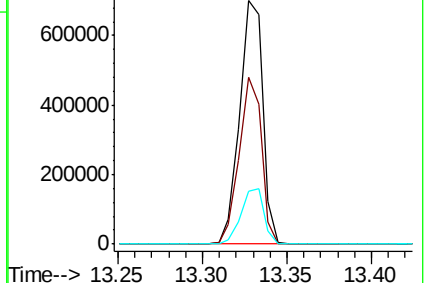
206 21.8 17.7 26.5

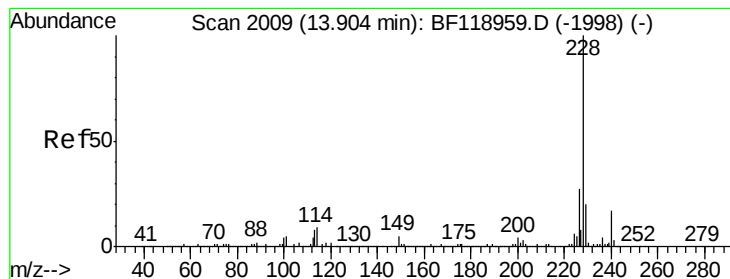


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.730 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

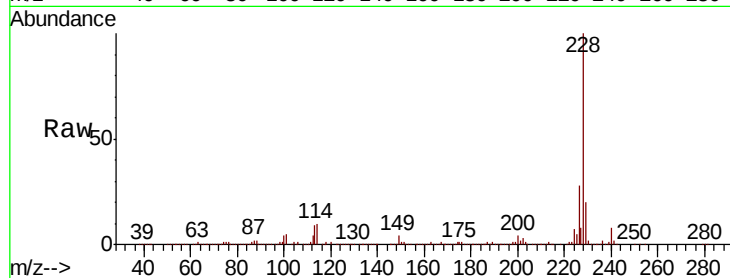
Tot Ion:228 Resp: 1299605

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.8

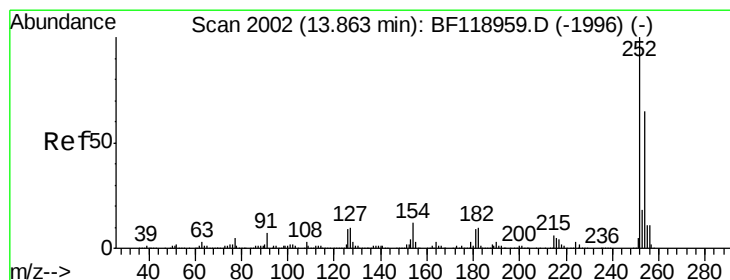
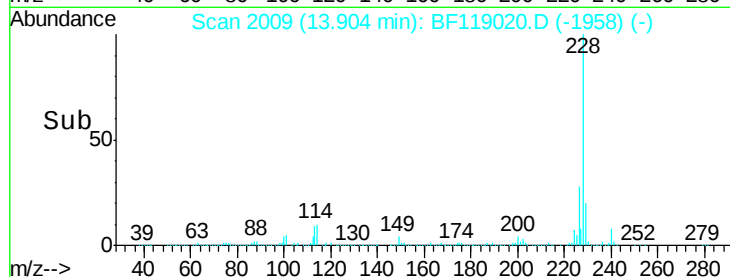
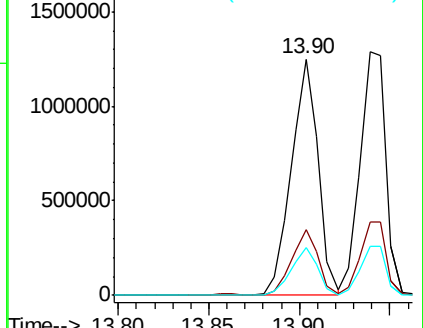
229 20.2 16.0 24.0



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: 29.400 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

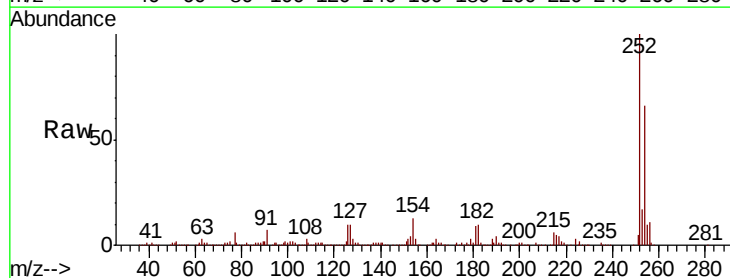
Tgt Ion:252 Resp: 403940

Ion Ratio Lower Upper

252 100

254 65.8 52.1 78.1

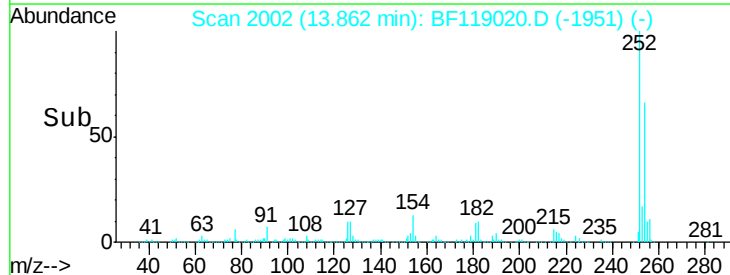
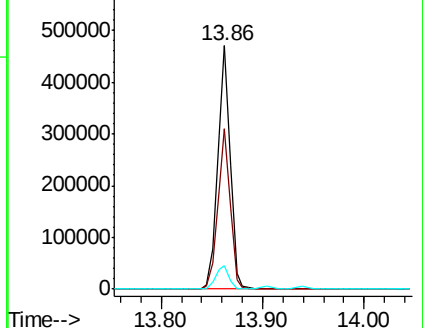
126 9.8 7.3 10.9

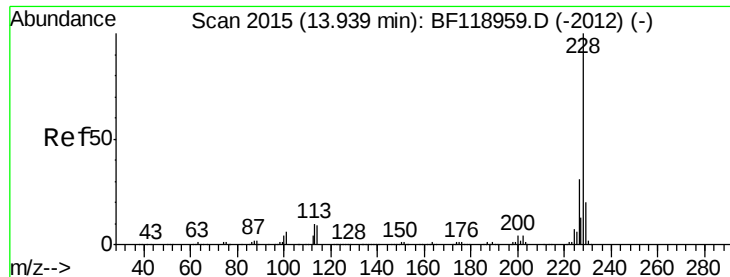


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.257 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

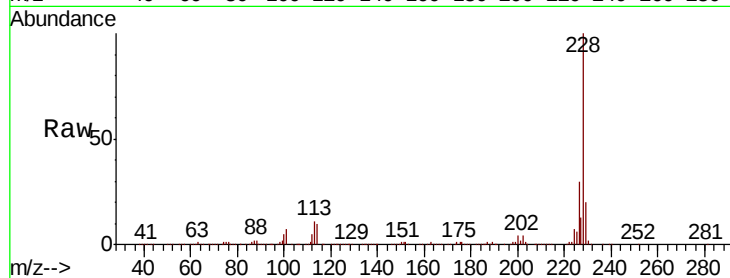
Tot Ion:228 Resp: 1278262

Ion Ratio Lower Upper

228 100

226 30.4 24.6 37.0

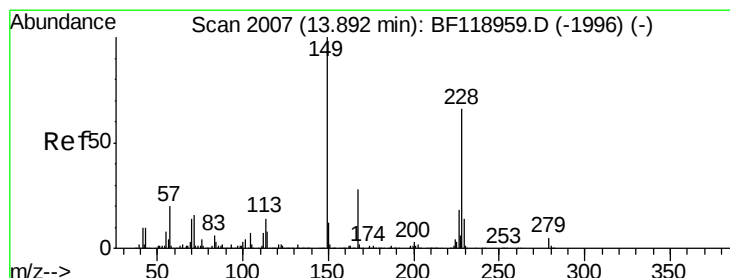
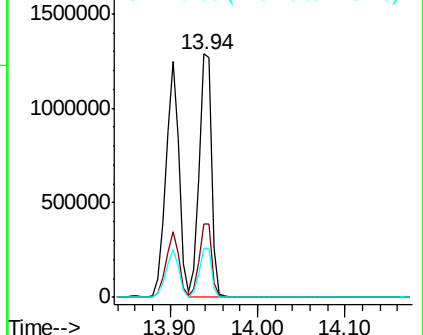
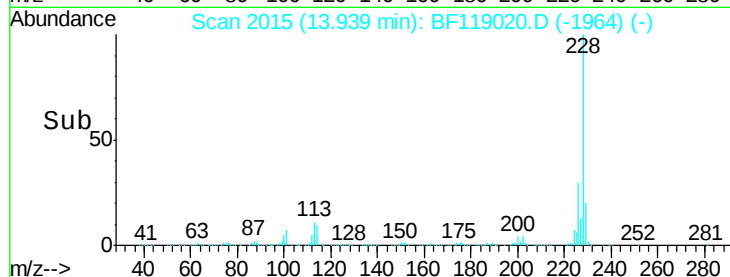
229 20.2 16.2 24.2



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: 40.052 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

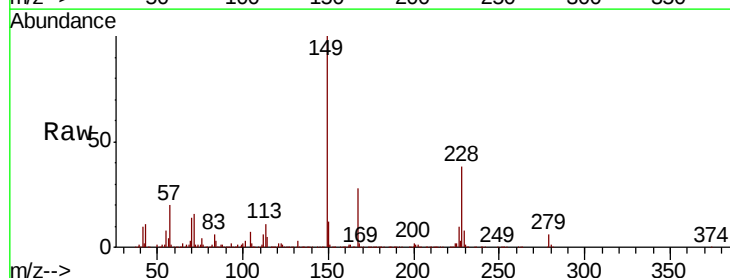
Tgt Ion:149 Resp: 888024

Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

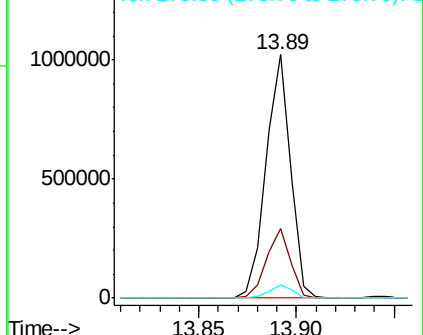
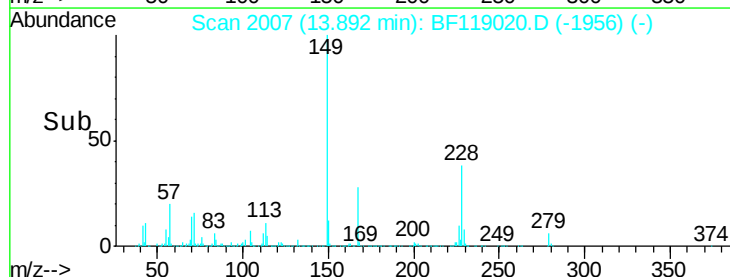
279 5.6 4.2 6.4

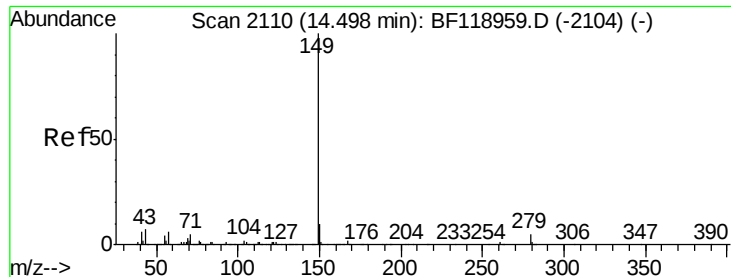


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.147 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

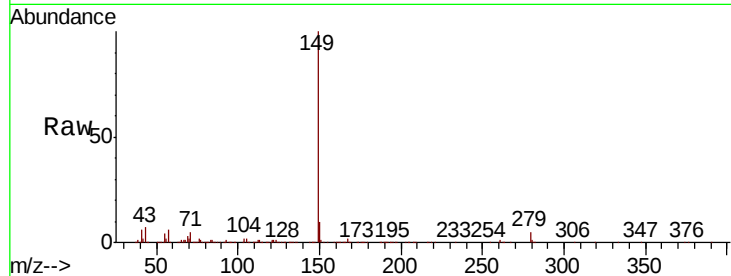
Tot Ion:149 Resp: 1418230

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

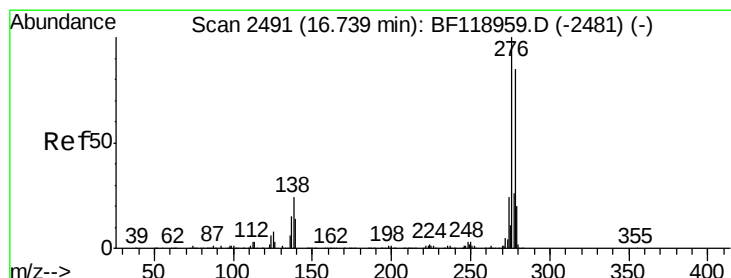
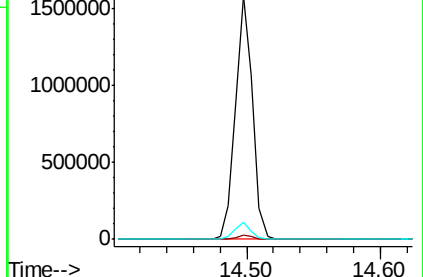
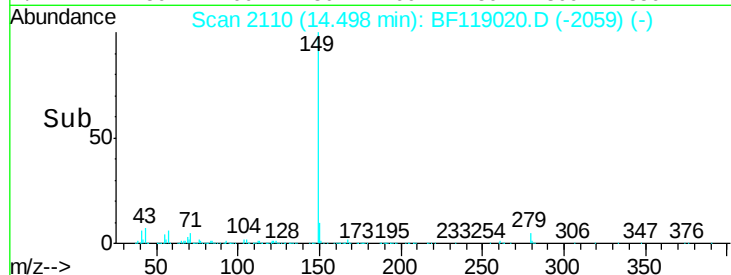
43 6.5 5.2 7.8



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: 30.547 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

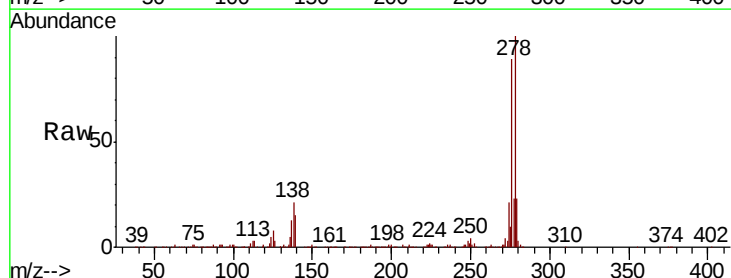
Tgt Ion:276 Resp: 1042813

Ion Ratio Lower Upper

276 100

138 21.8 18.7 28.1

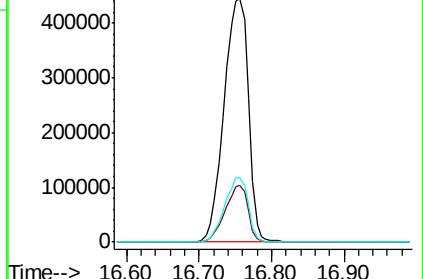
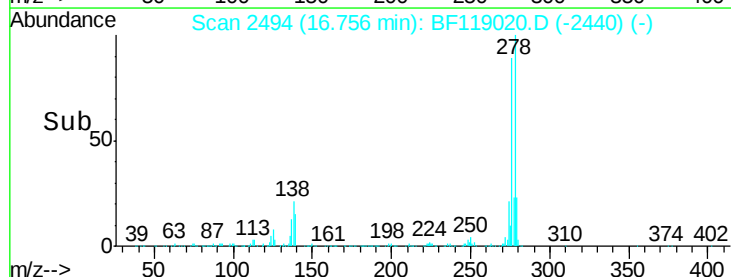
277 25.6 20.3 30.5

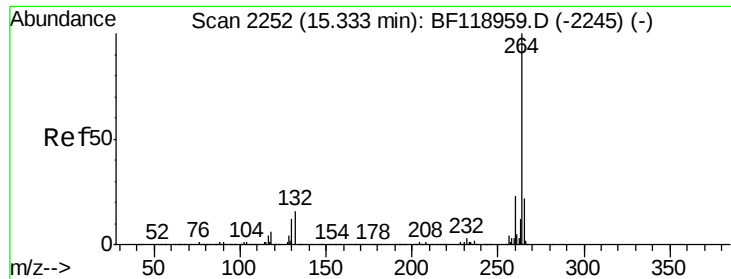


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.34 min Scan# 2253

Delta R.T. 0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

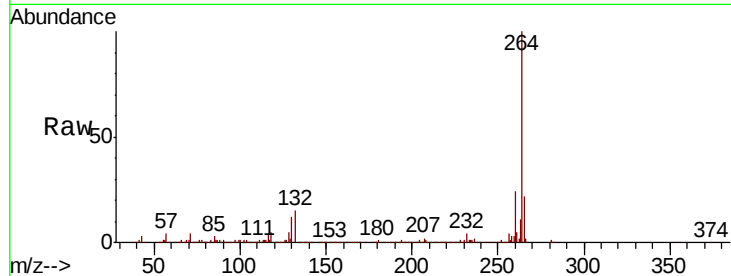
Tot Ion:264 Resp: 405677

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

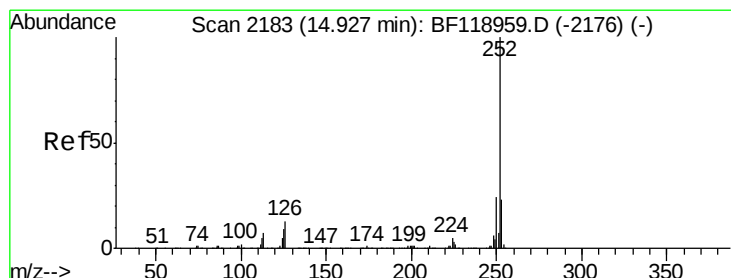
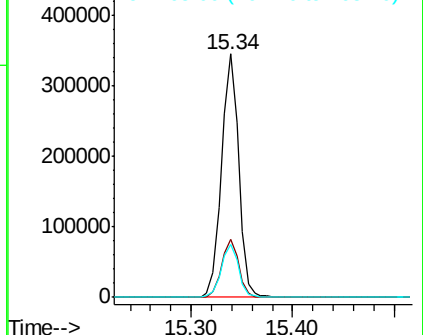
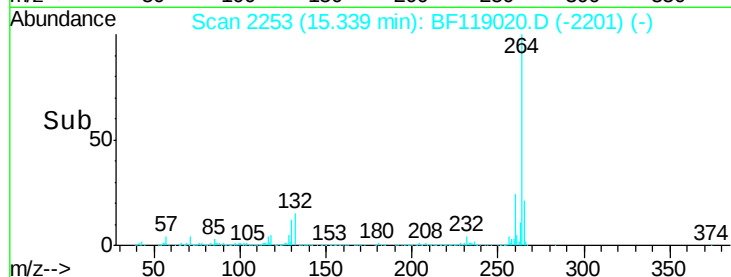
265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.340 ng

RT: 14.93 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

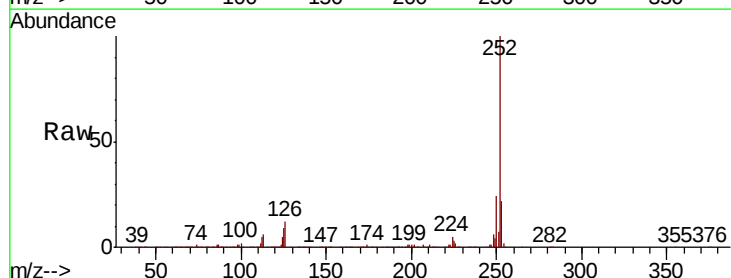
Tgt Ion:252 Resp: 1158907

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

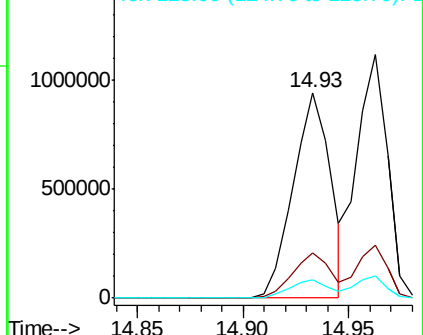
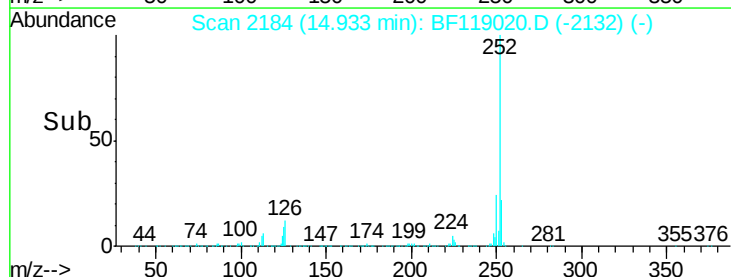
125 8.9 7.4 11.0

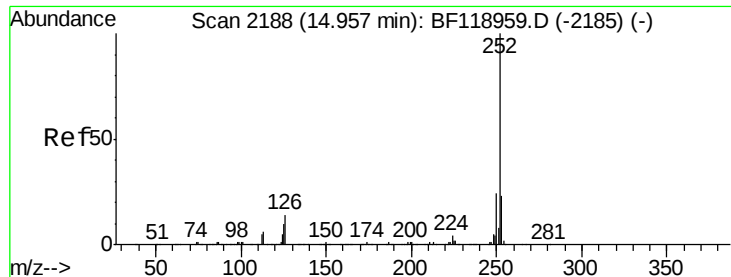


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

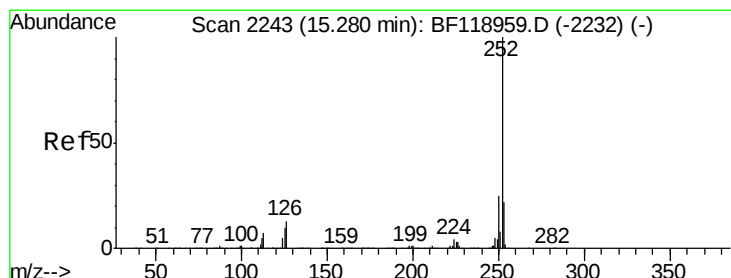
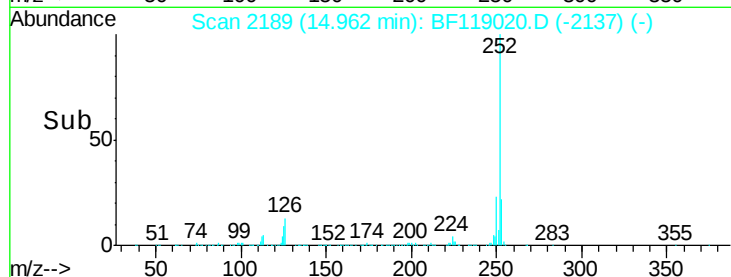
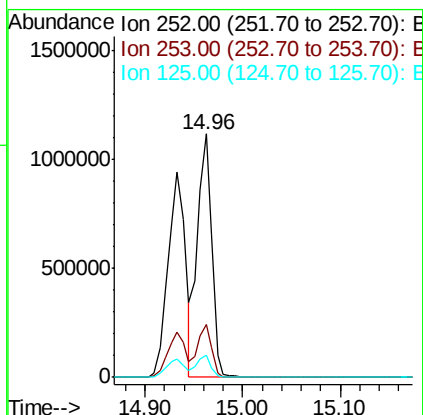
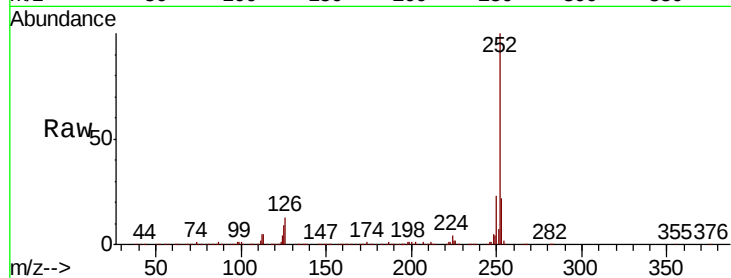




#89
Benzo(k)fluoranthene
Concen: 45.813 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

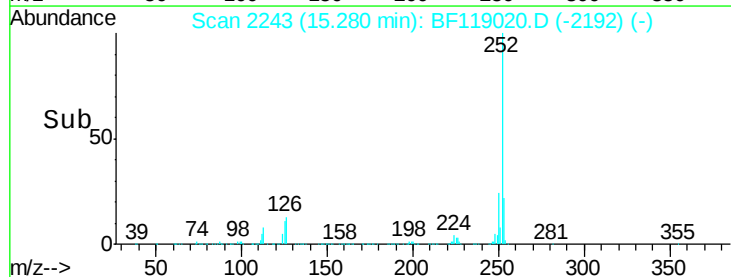
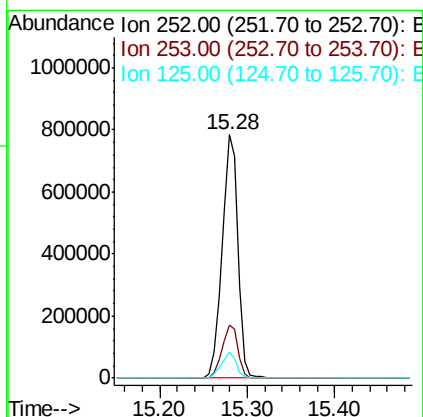
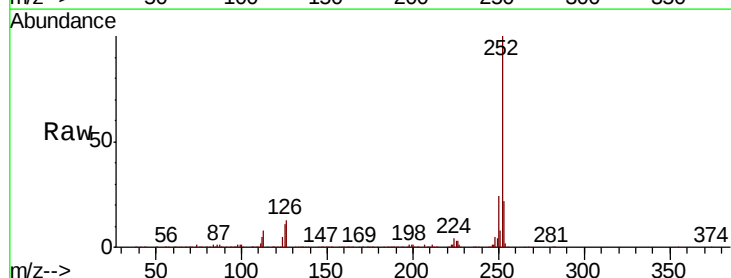
Instrument :
BNA_F
ClientSampled :

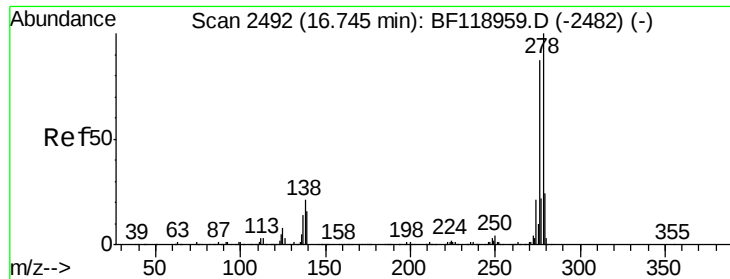
Tot Ion:252 Resp: 1135275
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 40.884 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF119020.D
Acq: 24 Feb 2020 13:37

Tgt Ion:252 Resp: 986674
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.0 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 41.444 ng

RT: 16.76 min Scan# 2495

Delta R.T. 0.02 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

Instrument :

BNA_F

ClientSampleId :

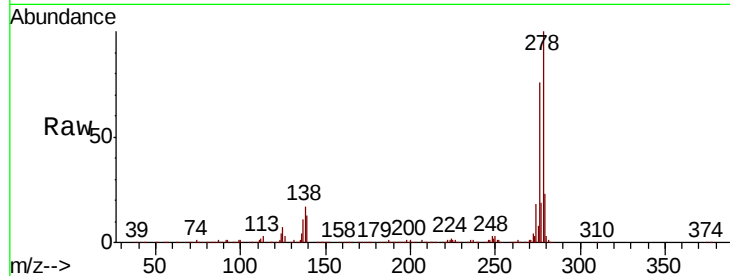
Tot Ion:278 Resp: 880045

Ion Ratio Lower Upper

278 100

139 13.3 12.6 18.8

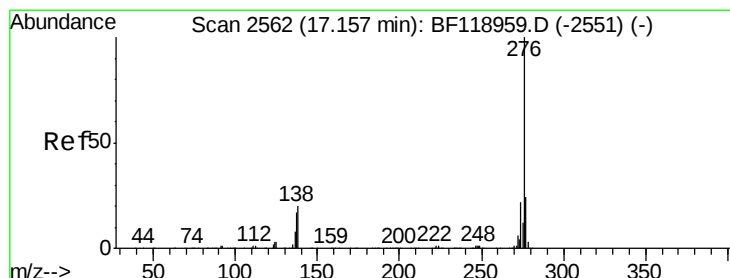
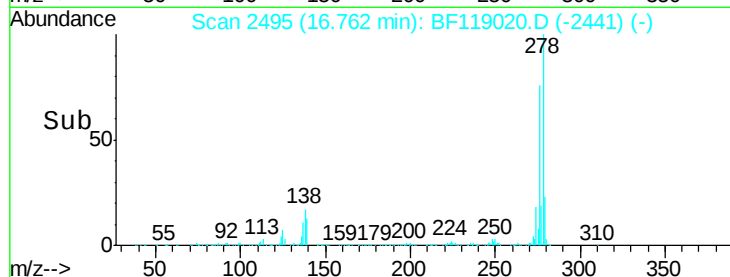
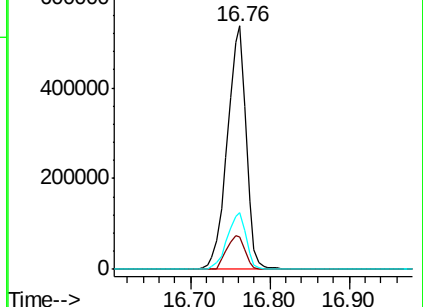
279 23.3 19.0 28.6



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: 41.678 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.02 min

Lab File: BF119020.D

Acq: 24 Feb 2020 13:37

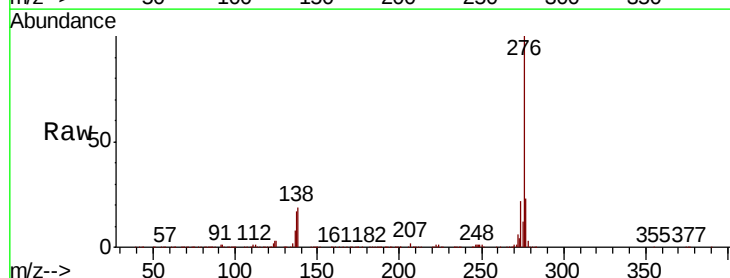
Tgt Ion:276 Resp: 874451

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 18.7 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

