

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119116.D
 Acq On : 27 Feb 2020 18:12
 Operator : CG/JU
 Sample : L1688-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:55:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	146028	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	542837	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	289530	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	501604	20.00	ng	0.00
76) Chrysene-d12	13.90	240	322127	20.00	ng	0.00
87) Perylene-d12	15.33	264	352977	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	878938	100.59	ng	0.00
7) Phenol-d6	6.40	99	1055662	99.34	ng	0.00
23) Nitrobenzene-d5	7.31	82	702749	68.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	337352	89.07	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1319663	67.15	ng	0.00
79) Terphenyl-d14	12.85	244	1374790	73.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	157604	40.510	ng	99
3) Pyridine	3.22	79	398649	37.520	ng	97
4) n-Nitrosodimethylamine	3.16	42	162057	50.350	ng	96
6) Aniline	6.41	93	421515	32.145	ng	89
8) 2-Chlorophenol	6.54	128	485877	51.525	ng	97
9) Benzaldehyde	6.29	77	196477	27.672	ng	99
10) Phenol	6.41	94	554194	48.234	ng	96
11) bis(2-Chloroethyl)ether	6.48	93	432993	49.252	ng	97
12) 1,3-Dichlorobenzene	6.69	146	526239	46.560	ng	97
13) 1,4-Dichlorobenzene	6.76	146	533338	47.156	ng	99
14) 1,2-Dichlorobenzene	6.92	146	490775	47.579	ng	99
15) Benzyl Alcohol	6.90	79	389292	50.685	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	346798	45.539	ng	97
17) 2-Methylphenol	7.02	107	375785	49.152	ng	100
18) Hexachloroethane	7.26	117	185561	45.858	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	306349	49.472	ng	96
20) 3+4-Methylphenols	7.17	107	466156	49.767	ng	95
22) Acetophenone	7.16	105	623716	49.660	ng	# 96
24) Nitrobenzene	7.33	77	487216	47.922	ng	99
25) Isophorone	7.57	82	863636	48.369	ng	100
26) 2-Nitrophenol	7.65	139	259220	48.121	ng	94
27) 2,4-Dimethylphenol	7.69	122	395057	54.036	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	525609	45.226	ng	99
29) 2,4-Dichlorophenol	7.90	162	401776	46.681	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	456624	44.747	ng	99
31) Naphthalene	8.05	128	1333163	47.355	ng	98
32) Benzoic acid	7.85	122	241517	45.653	ng	99
33) 4-Chloroaniline	8.10	127	171690	14.179	ng	96
34) Hexachlorobutadiene	8.17	225	279609	43.989	ng	98
35) Caprolactam	8.48	113	77538	29.258	ng	94
36) 4-Chloro-3-methylphenol	8.60	107	417418	47.922	ng	95
37) 2-Methylnaphthalene	8.74	142	903057	47.665	ng	100
38) 1-Methylnaphthalene	8.84	142	849749	47.692	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	453489	46.456	ng	98

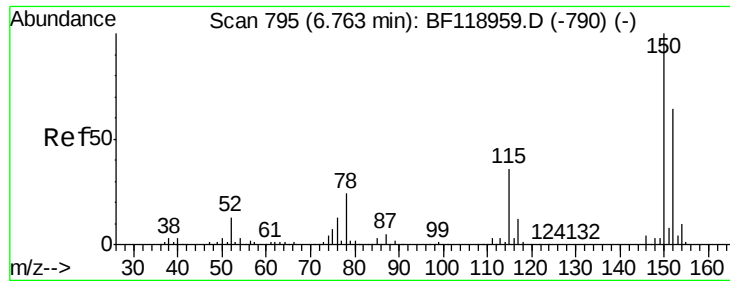
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119116.D
 Acq On : 27 Feb 2020 18:12
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	238173	68.553	ng	100
43) 2,4,6-Trichlorophenol	9.03	196	287205	46.590	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	301438	46.599	ng	97
46) 1,1'-Biphenyl	9.20	154	1081958	46.238	ng	98
47) 2-Chloronaphthalene	9.23	162	862995	45.766	ng	98
48) 2-Nitroaniline	9.33	65	235891	44.850	ng	98
49) Acenaphthylene	9.65	152	1299210	47.704	ng	100
50) Dimethylphthalate	9.51	163	1111978	50.225	ng	100
51) 2,6-Dinitrotoluene	9.57	165	233595	47.490	ng	98
52) Acenaphthene	9.82	154	766184	46.655	ng	99
53) 3-Nitroaniline	9.74	138	111540	20.454	ng	98
54) 2,4-Dinitrophenol	9.86	184	129066	56.418	ng	# 91
55) Dibenzofuran	9.99	168	1151197	46.965	ng	99
56) 4-Nitrophenol	9.92	139	267071	81.515	ng	92
57) 2,4-Dinitrotoluene	9.98	165	289370	45.386	ng	96
58) Fluorene	10.33	166	899894	47.246	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.12	232	253059	46.362	ng	98
60) Diethylphthalate	10.20	149	990228	47.461	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	472486	46.865	ng	94
62) 4-Nitroaniline	10.36	138	198427	35.566	ng	98
63) Azobenzene	10.48	77	866304	47.769	ng	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	119488	39.366	ng	96
66) n-Nitrosodiphenylamine	10.44	169	815447	49.649	ng	99
67) 4-Bromophenyl-phenylether	10.81	248	308776	47.094	ng	94
68) Hexachlorobenzene	10.88	284	345862	45.752	ng	96
69) Atrazine	10.97	200	287642	50.125	ng	98
70) Pentachlorophenol	11.08	266	259842	85.331	ng	100
71) Phenanthrene	11.29	178	1296946	47.412	ng	99
72) Anthracene	11.35	178	1342885	49.132	ng	98
73) Carbazole	11.50	167	1146850	47.099	ng	98
74) Di-n-butylphthalate	11.83	149	1466675	49.739	ng	98
75) Fluoranthene	12.47	202	1306384	44.991	ng	99
77) Benzidine	12.60	184	593430	45.298	ng	98
78) Pyrene	12.70	202	1281179	49.531	ng	99
80) Butylbenzylphthalate	13.32	149	561062	51.538	ng	95
81) Benzo(a)anthracene	13.89	228	1071409	48.814	ng	98
82) 3,3'-Dichlorobenzidine	13.85	252	373945	43.876	ng	99
83) Chrysene	13.93	228	1053855	48.187	ng	98
84) Bis(2-ethylhexyl)phthalate	13.88	149	769113	55.921	ng	99
85) Di-n-octyl phthalate	14.49	149	1253636	57.209	ng	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	1264022	59.691	ng	100
88) Benzo(b)fluoranthene	14.92	252	1049801	45.121	ng	99
89) Benzo(k)fluoranthene	14.95	252	1069090	49.584	ng	99
90) Benzo(a)pyrene	15.27	252	982293	46.779	ng	98
91) Dibenzo(a,h)anthracene	16.74	278	1068766	57.846	ng	100
92) Benzo(g,h,i)perylene	17.16	276	1070326	58.631	ng	100

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

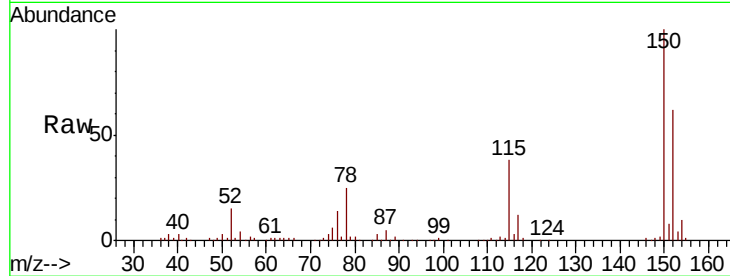


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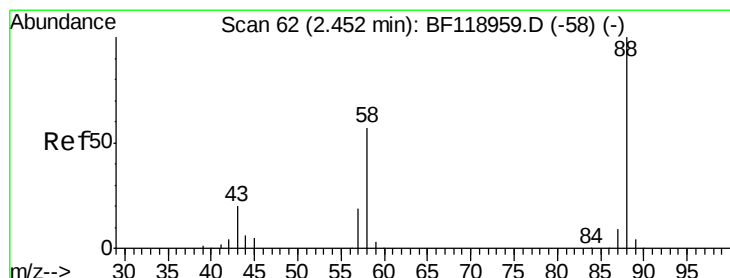
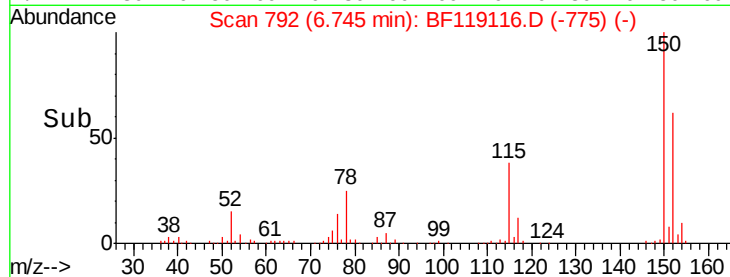
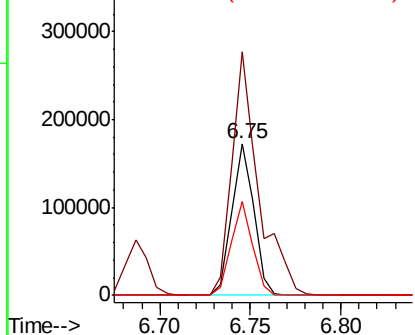
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	123.0	184.6
115	61.5	49.5	74.3



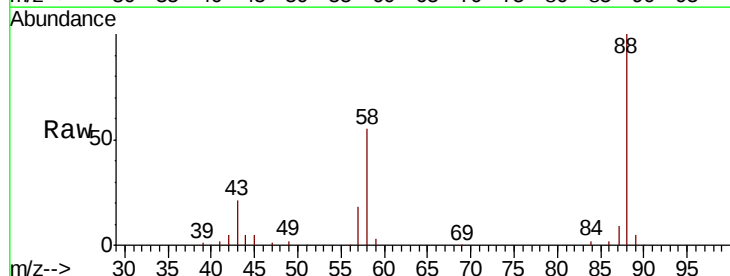
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



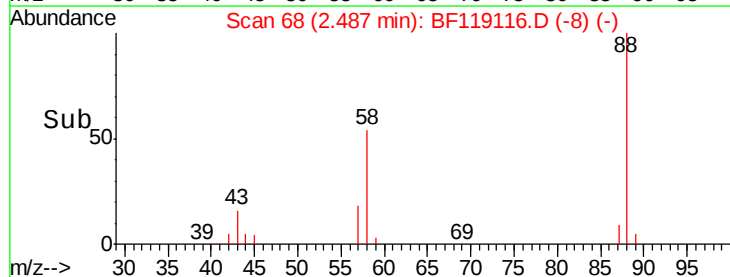
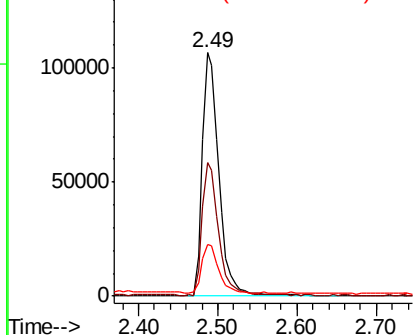
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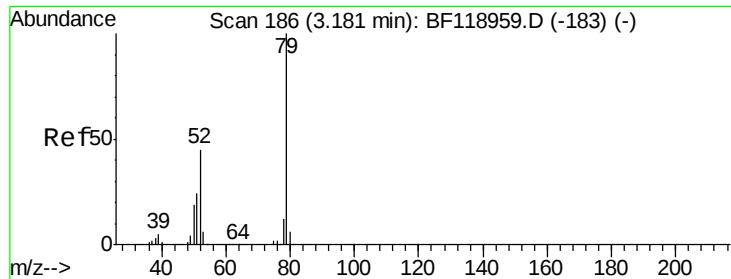
1,4-Dioxane
Concen: 40.510 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.05 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.6	43.8	65.6
43	19.8	16.2	24.4



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





#3

Pvridine

Concen: 37.520 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.06 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

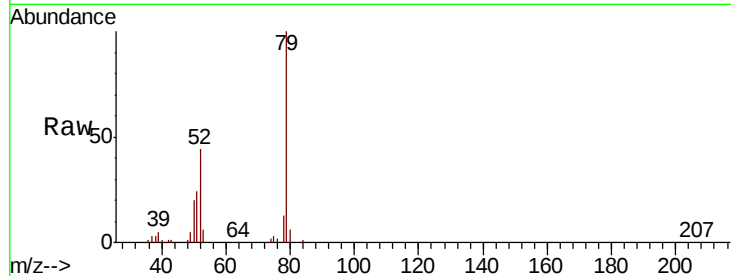
Tot Ion: 79 Resp: 398649

Ion Ratio Lower Upper

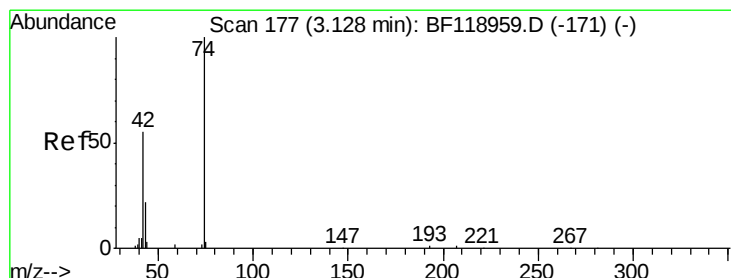
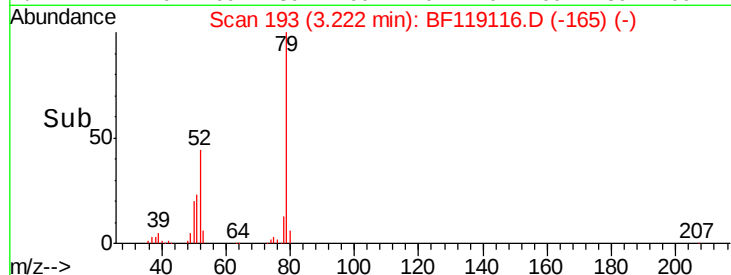
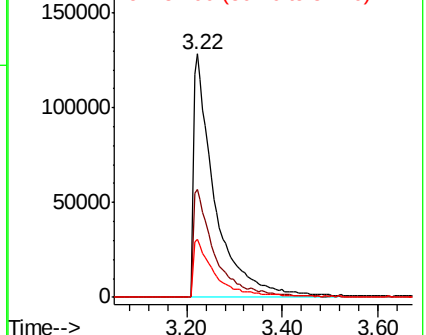
79 100

52 44.5 37.4 56.0

51 23.6 19.8 29.6



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: 50.350 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.04 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

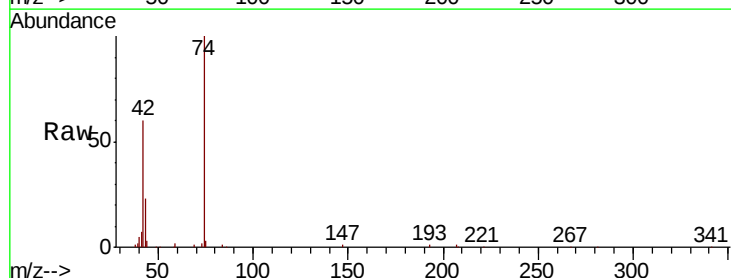
Tgt Ion: 42 Resp: 162057

Ion Ratio Lower Upper

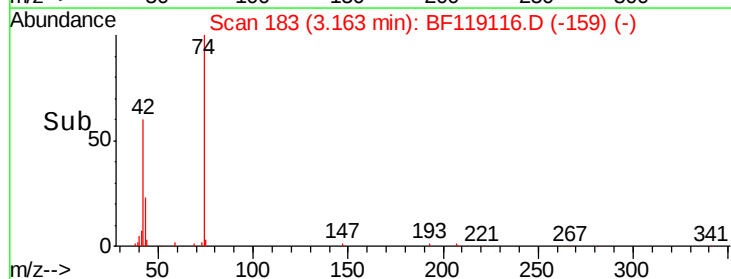
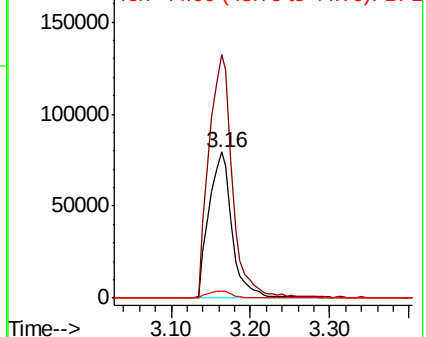
42 100

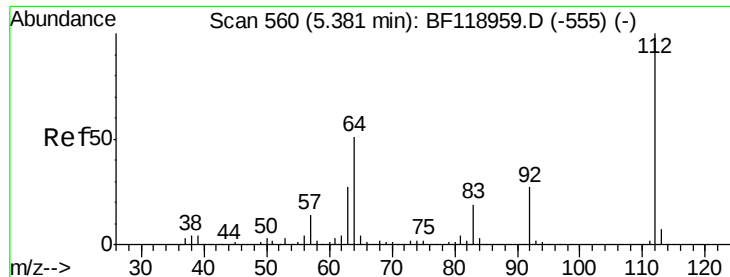
74 166.5 137.7 206.5

44 5.0 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: 100.588 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampled :

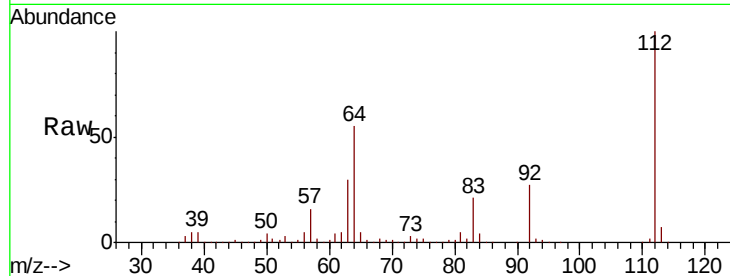
Tot Ion:112 Resp: 878938

Ion Ratio Lower Upper

112 100

64 55.0 45.0 67.4

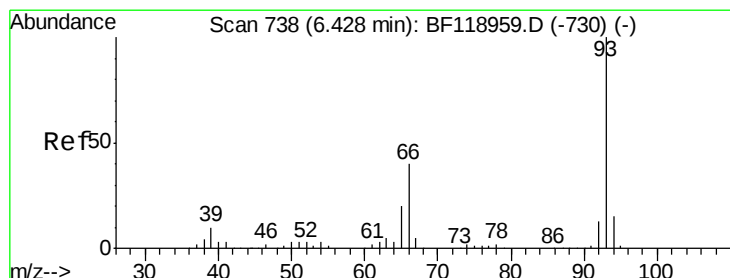
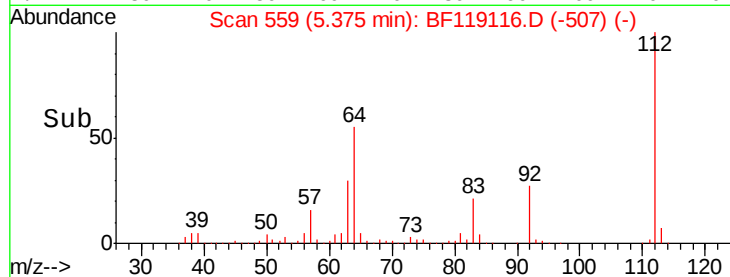
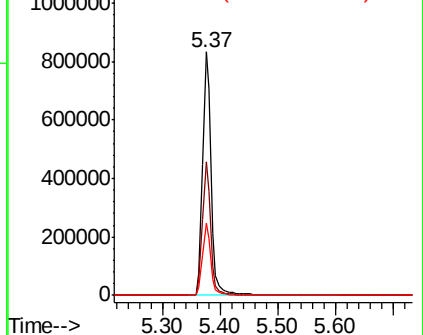
63 29.6 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.145 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

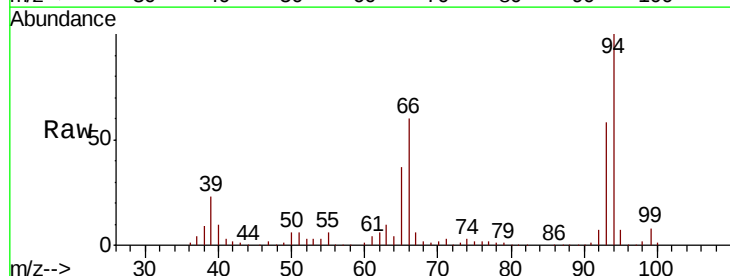
Tgt Ion: 93 Resp: 421515

Ion Ratio Lower Upper

93 100

66 104.0 74.5 111.7

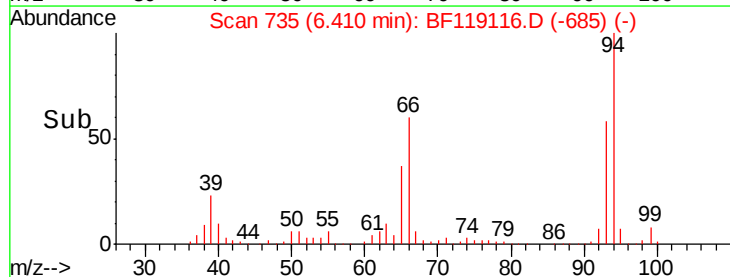
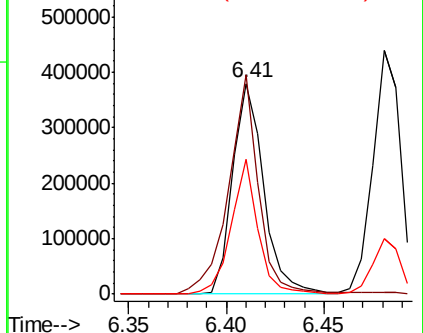
65 64.2 45.3 67.9



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: 99.337 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

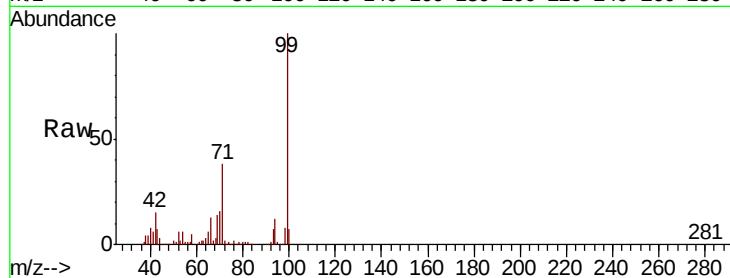
Tot Ion: 99 Resp: 1055662

Ion Ratio Lower Upper

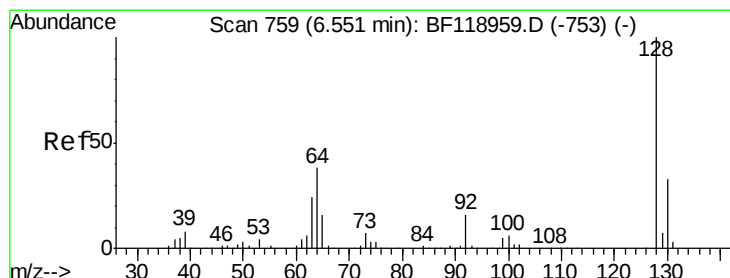
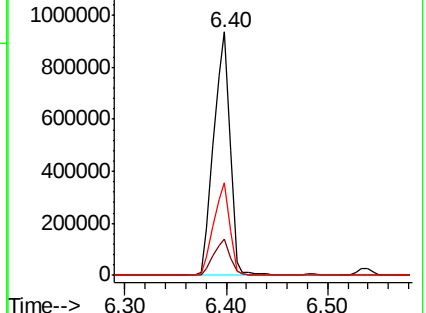
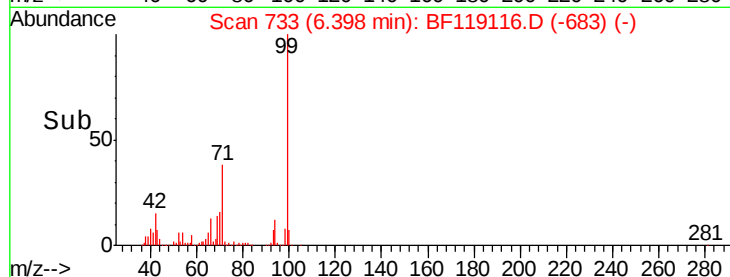
99 100

42 15.2 12.6 18.8

71 38.3 31.0 46.4



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: 51.525 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

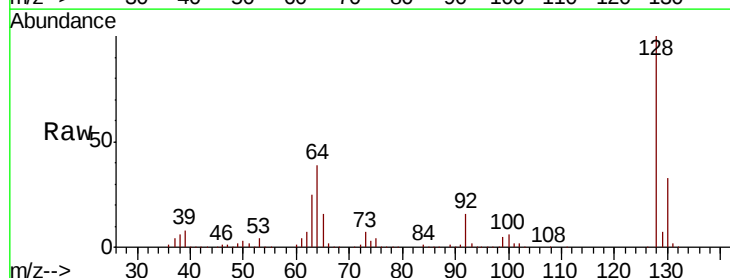
Tgt Ion: 128 Resp: 485877

Ion Ratio Lower Upper

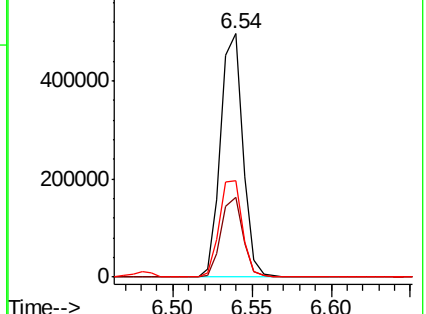
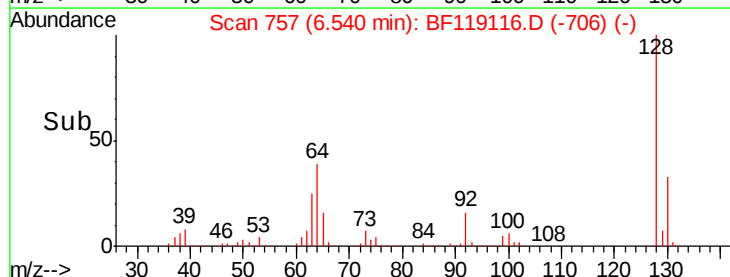
128 100

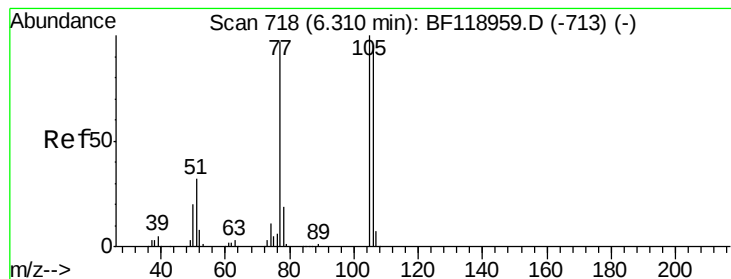
130 32.8 12.7 52.7

64 39.5 22.3 62.3



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: 27.672 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

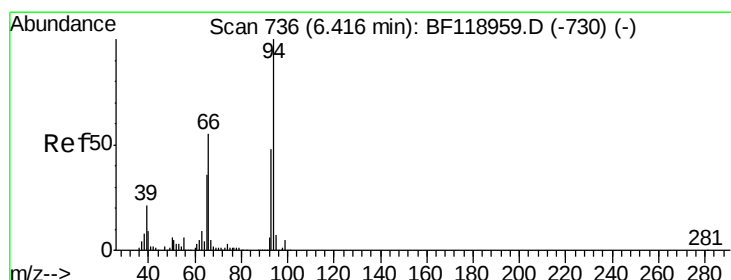
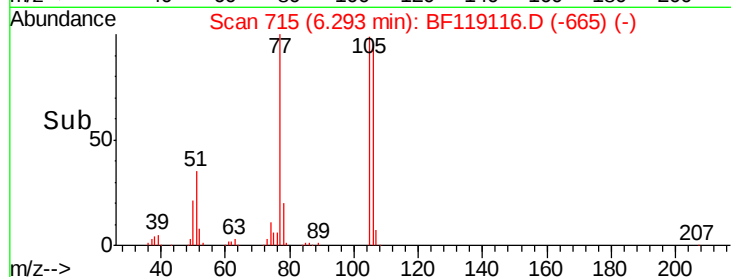
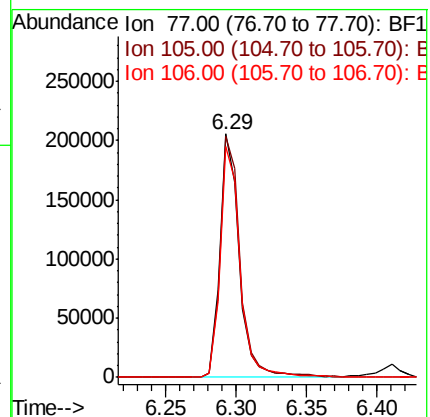
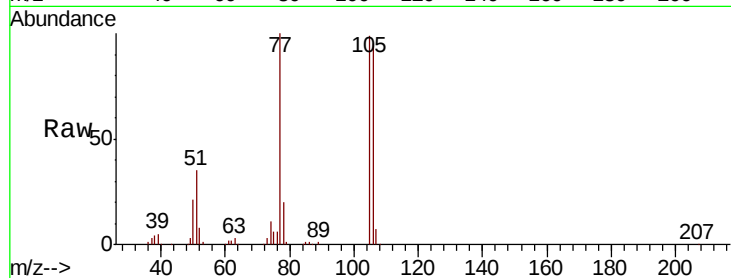
Tot Ion: 77 Resp: 196477

Ion Ratio Lower Upper

77 100

105 98.9 80.1 120.1

106 95.0 75.9 115.9



#10

Phenol

Concen: 48.234 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

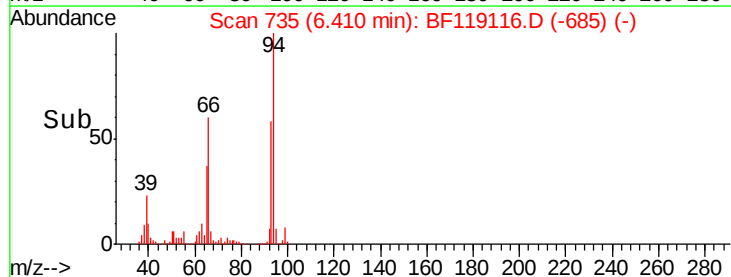
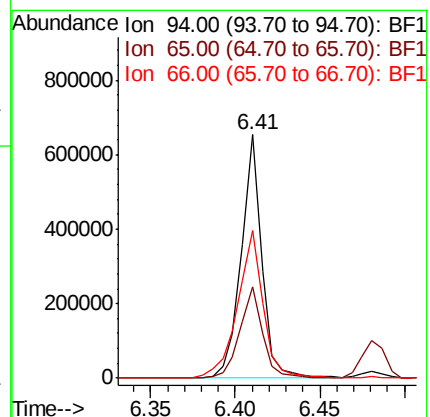
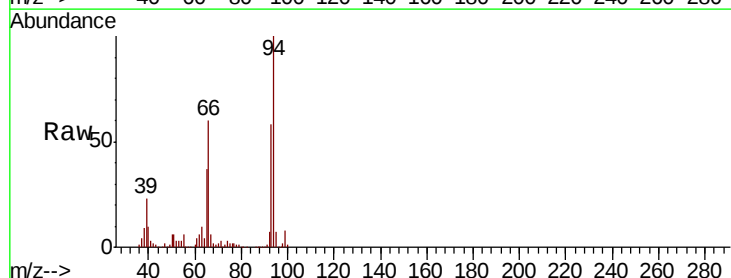
Tgt Ion: 94 Resp: 554194

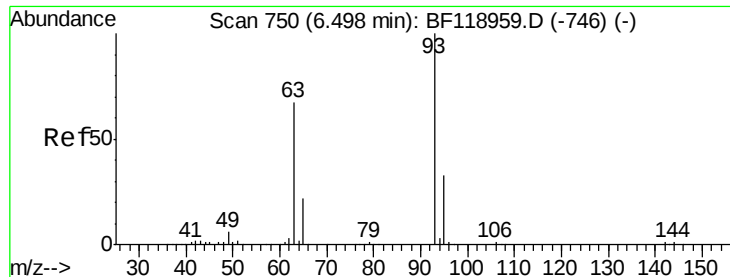
Ion Ratio Lower Upper

94 100

65 37.4 19.2 59.2

66 60.5 44.4 84.4

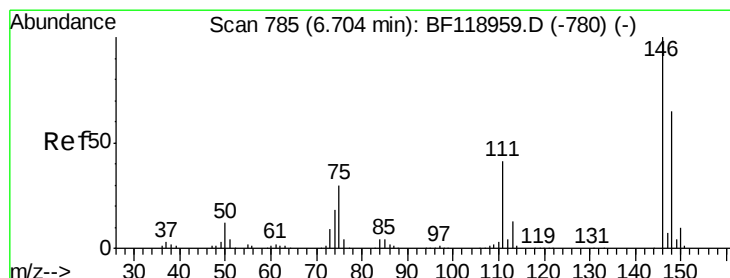
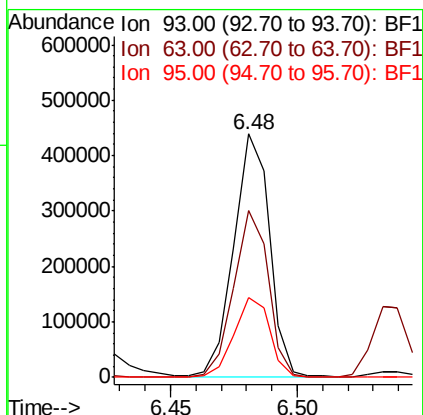
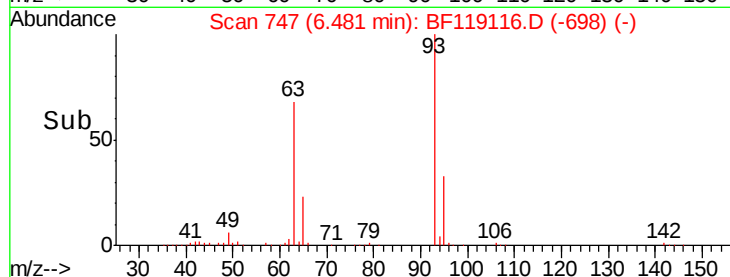
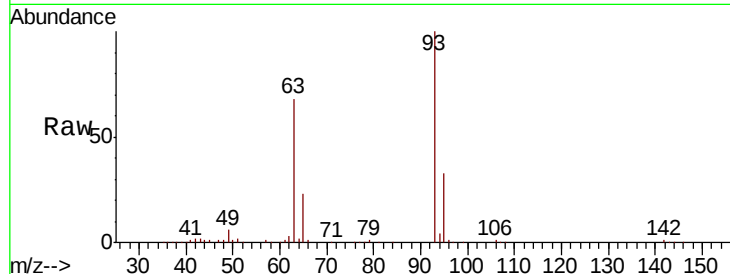




#11
bis(2-Chloroethyl)ether
Concen: 49.252 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

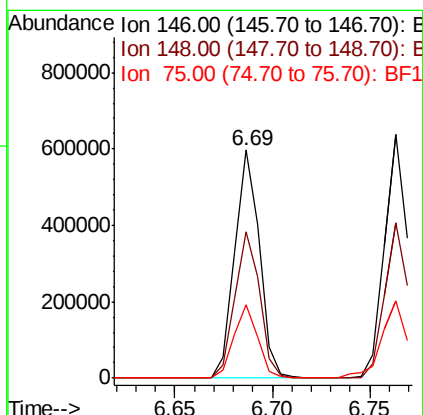
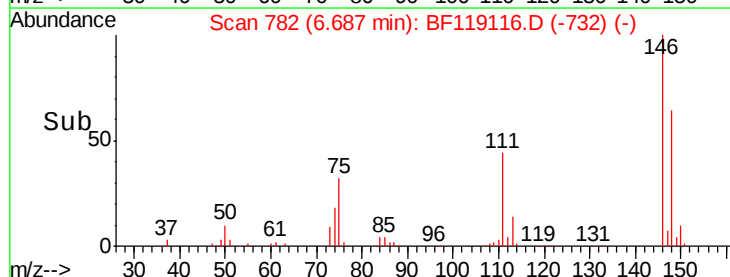
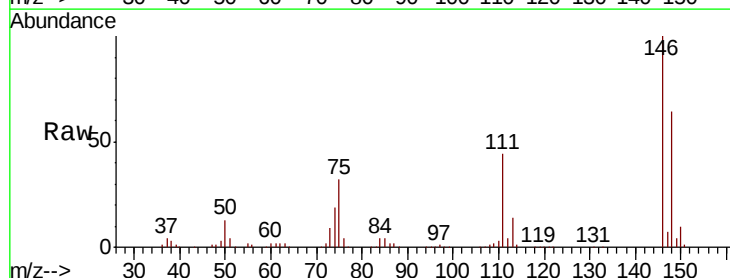
Instrument :
BNA_F
ClientSampled :

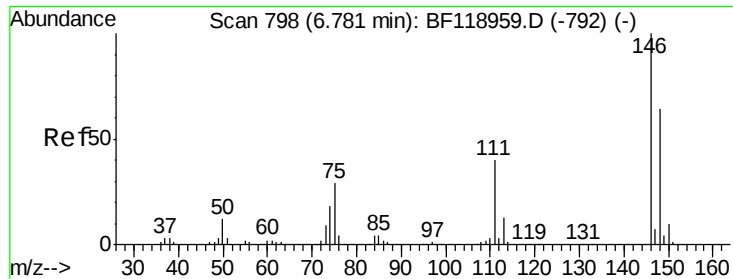
Tot Ion: 93 Resp: 432993
Ion Ratio Lower Upper
93 100
63 68.4 45.4 85.4
95 32.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 46.560 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion: 146 Resp: 526239
Ion Ratio Lower Upper
146 100
148 64.1 52.5 78.7
75 32.2 23.6 35.4

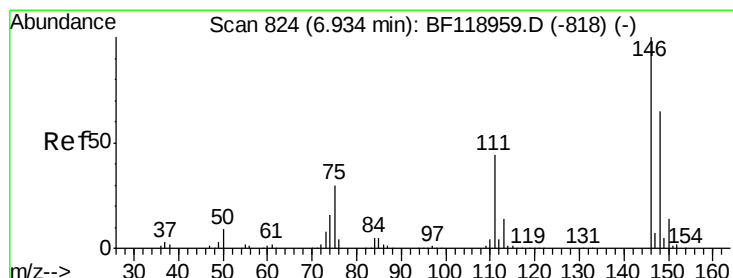
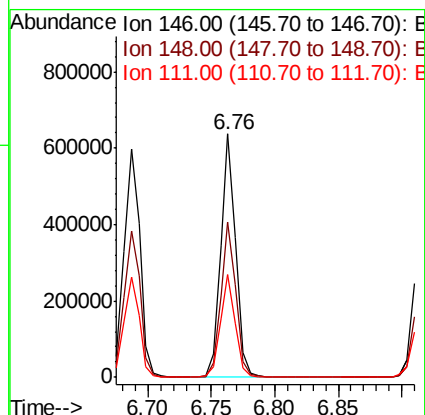
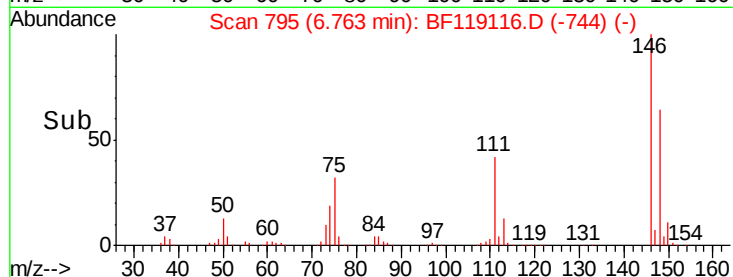
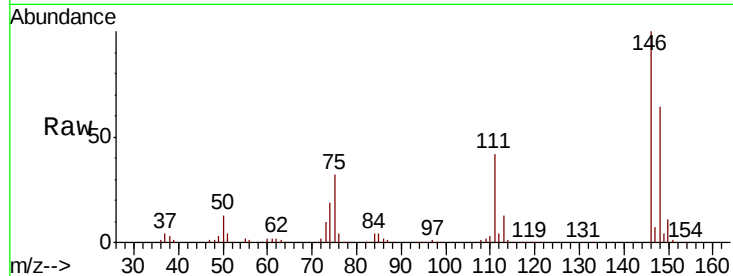




#13
 1,4-Dichlorobenzene
 Concen: 47.156 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

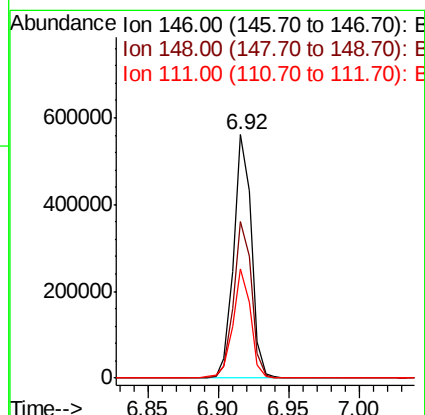
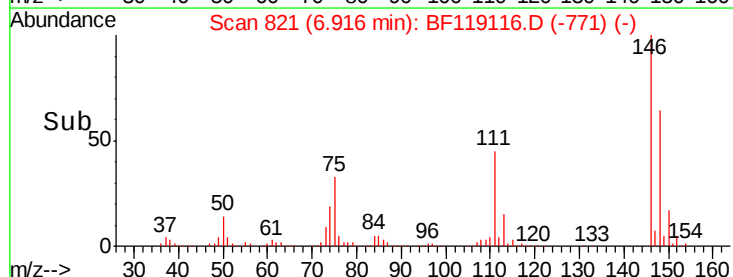
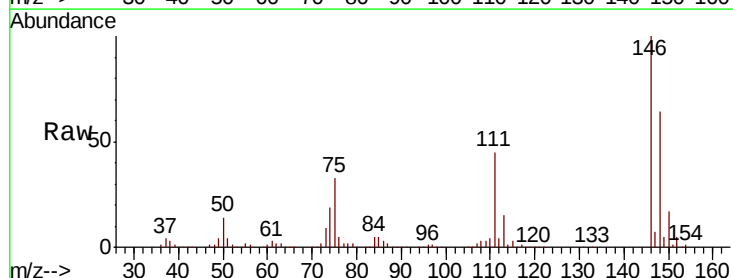
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 533338
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 42.0 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 47.579 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion:146 Resp: 490775
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 44.6 36.2 54.2





#15

Benzyl Alcohol

Concen: 50.685 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

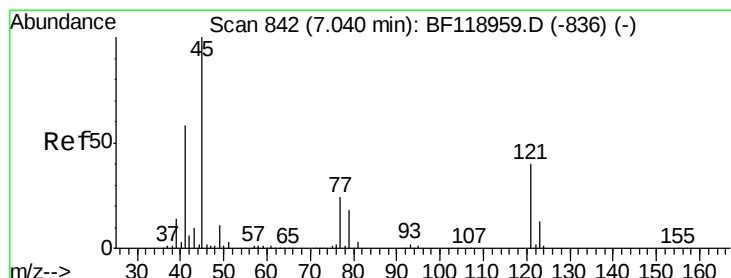
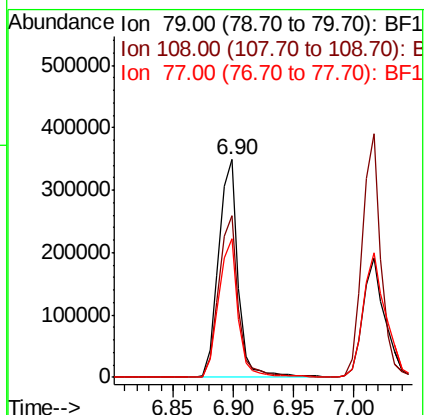
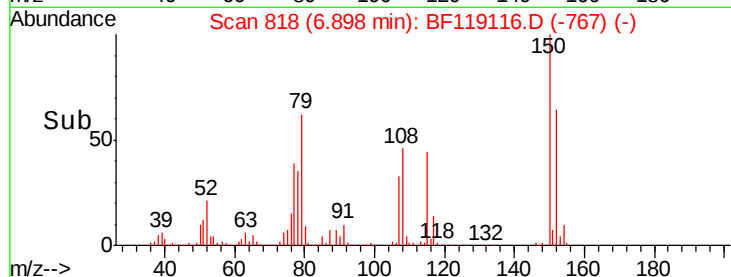
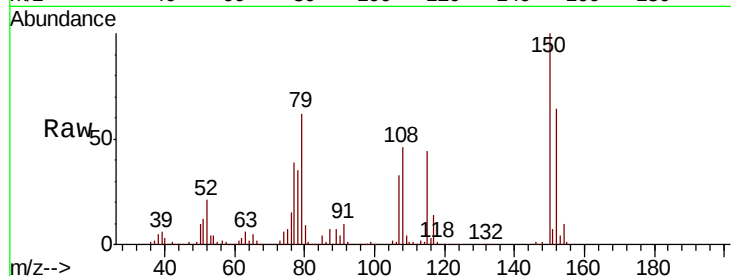
Tot Ion: 79 Resp: 389292

Ion Ratio Lower Upper

79 100

108 74.1 58.2 87.2

77 63.5 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.539 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

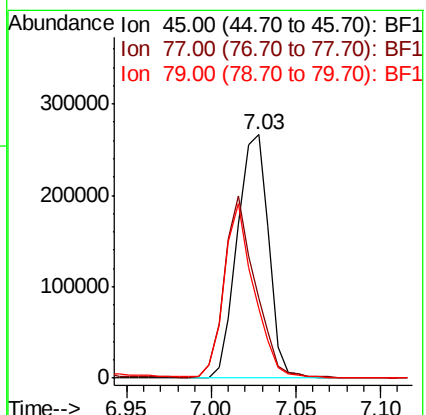
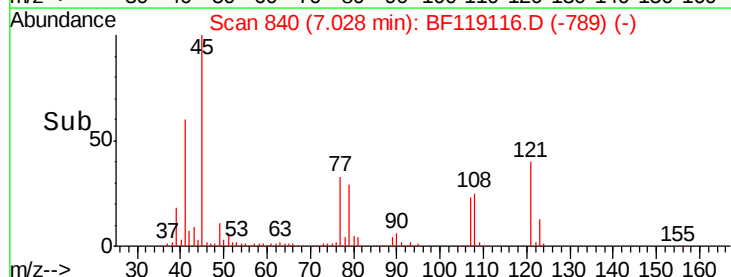
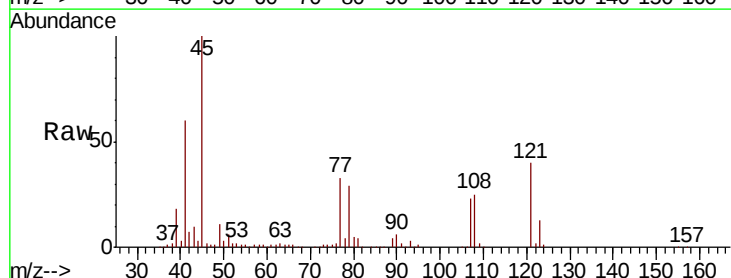
Tgt Ion: 45 Resp: 346798

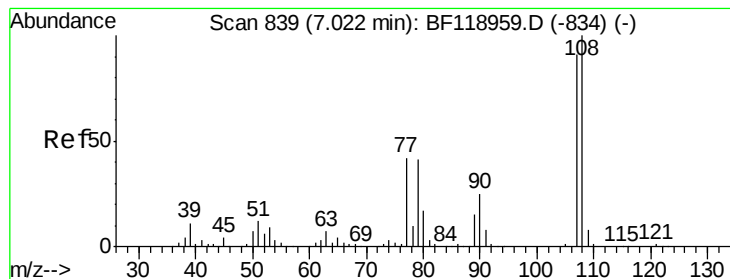
Ion Ratio Lower Upper

45 100

77 32.9 15.0 55.0

79 28.6 9.4 49.4

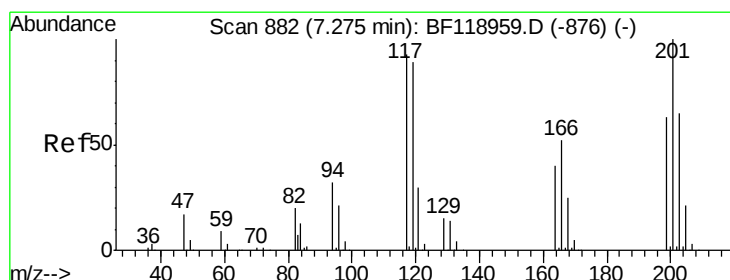
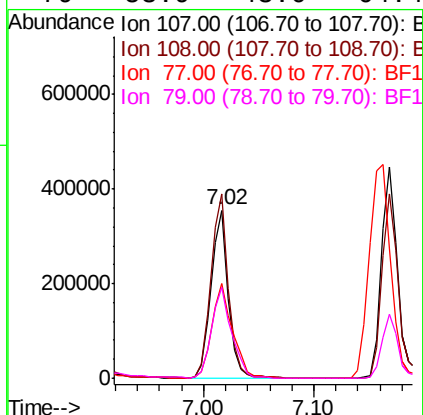
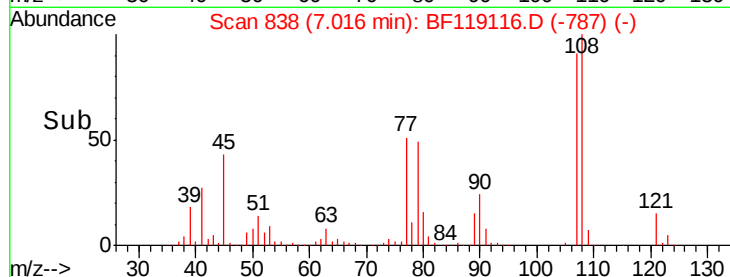
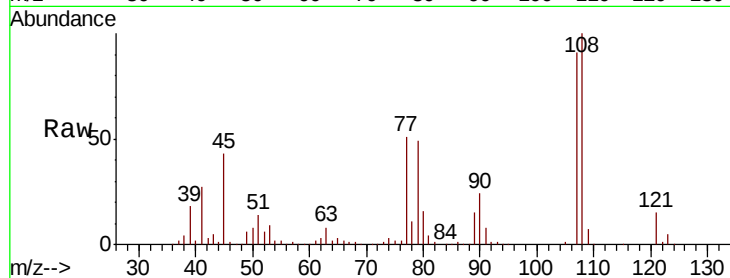




#17
2-Methylphenol
Concen: 49.152 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

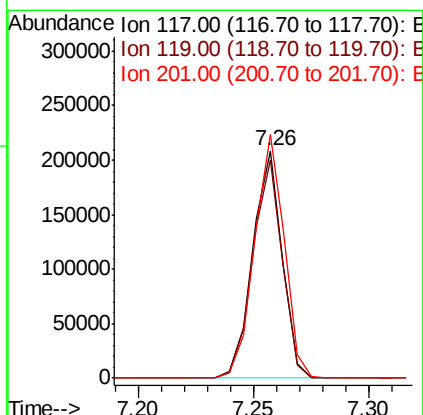
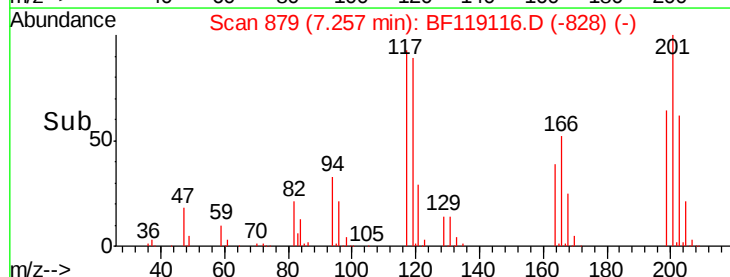
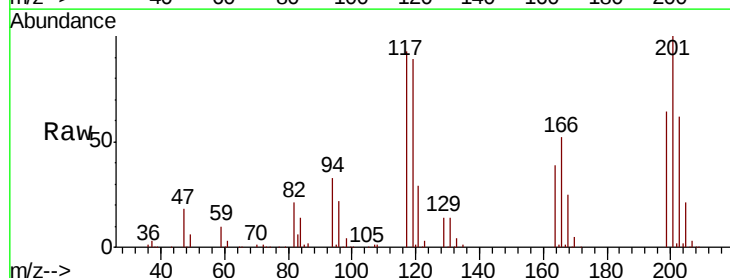
Instrument :
BNA_F
ClientSampleId :

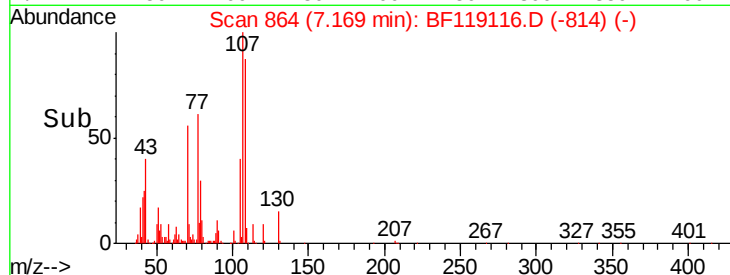
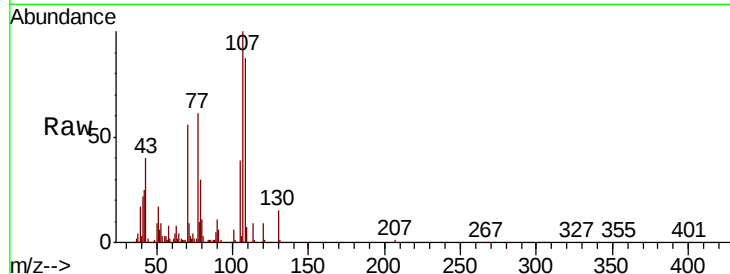
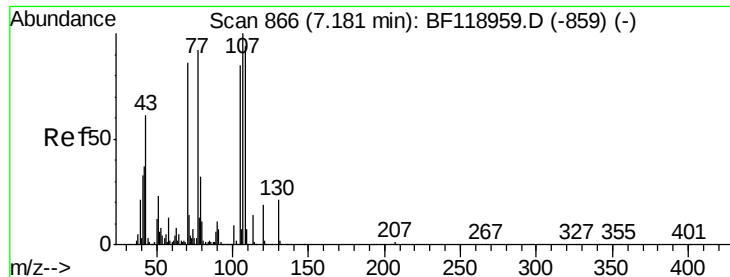
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	87.9	131.9
77	56.2	45.3	67.9
79	53.9	43.0	64.4



#18
Hexachloroethane
Concen: 45.858 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.5	116.3
201	107.0	82.6	123.8

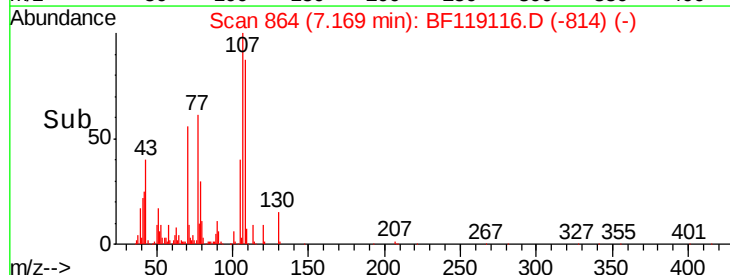
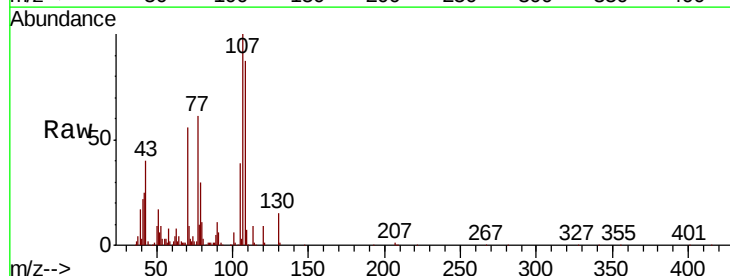
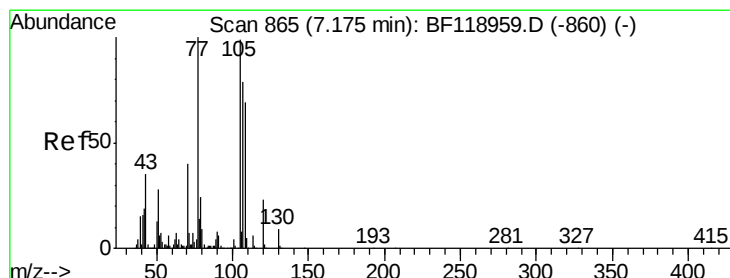
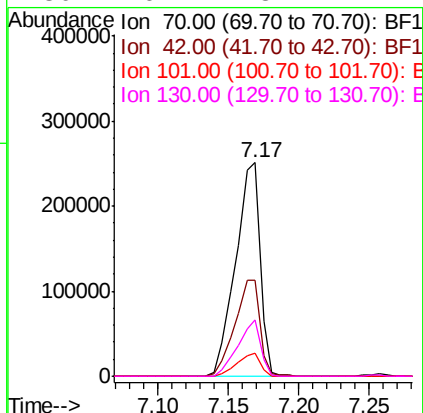




#19
n-Nitroso-di-n-propylamine
Concen: 49.472 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

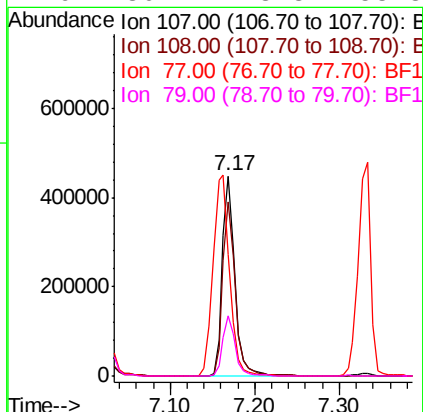
Instrument :
BNA_F
ClientSampleId :

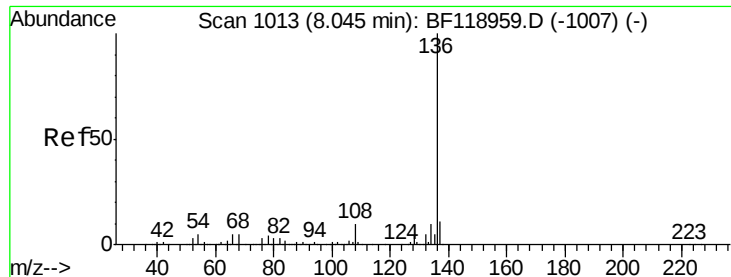
Tot Ion:	70	Resp:	306349
Ion	Ratio	Lower	Upper
70	100		
42	45.0	38.0	57.0
101	10.6	8.2	12.4
130	26.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 49.767 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion:	107	Resp:	466156
Ion	Ratio	Lower	Upper
107	100		
108	87.0	71.5	111.5
77	60.9	45.9	85.9
79	30.4	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 542837

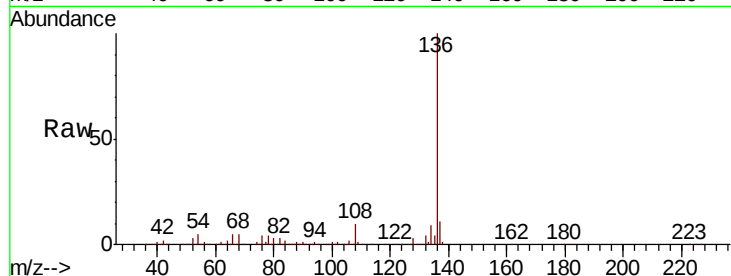
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 4.7 3.8 5.6

68 5.4 3.9 5.9

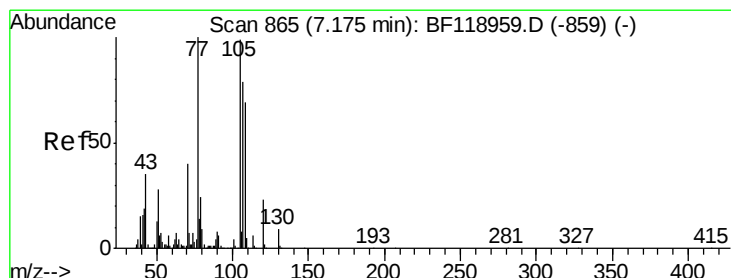
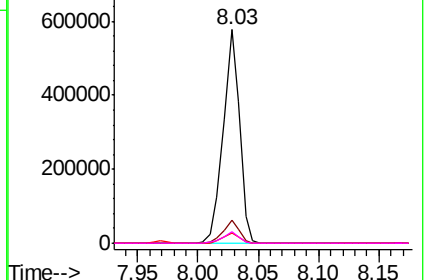
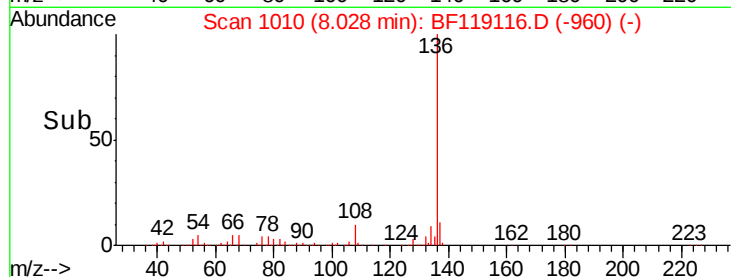


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.660 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:105 Resp: 623716

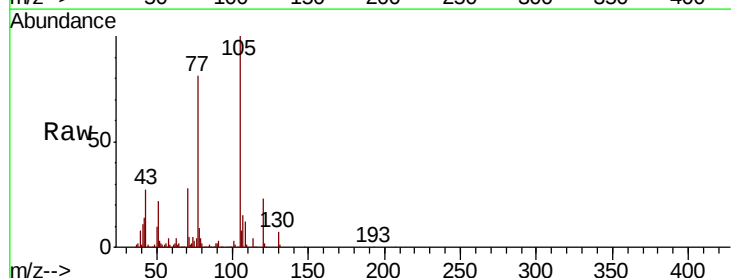
Ion Ratio Lower Upper

105 100

71 4.8 3.0 4.4#

51 21.7 20.1 30.1

120 22.8 18.0 27.0

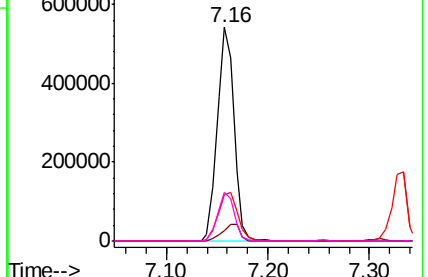
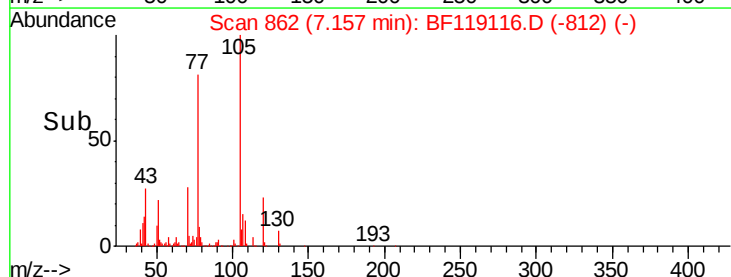


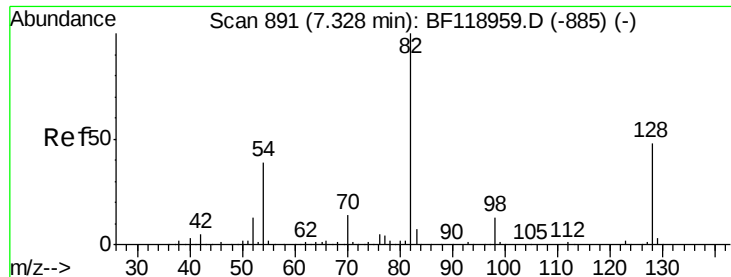
Abundance Ion 105.00 (104.70 to 105.70): E

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

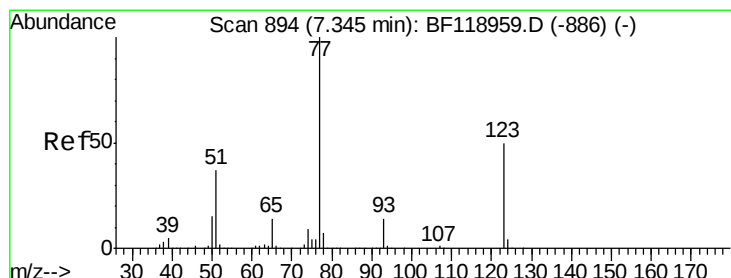
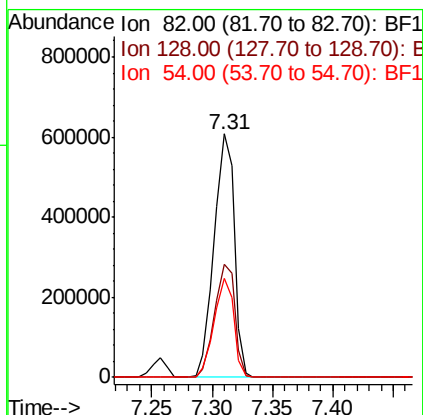
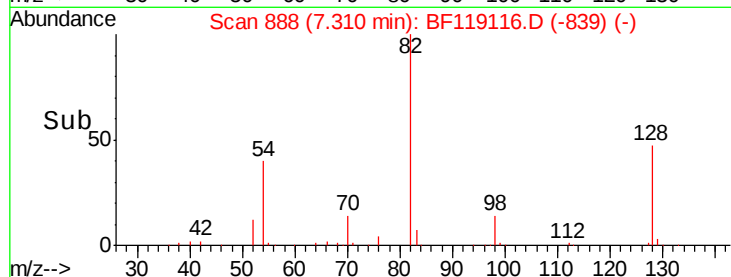
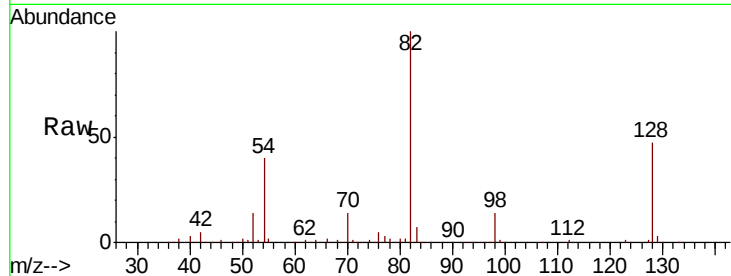




#23
 Nitrobenzene-d5
 Concen: 68.354 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

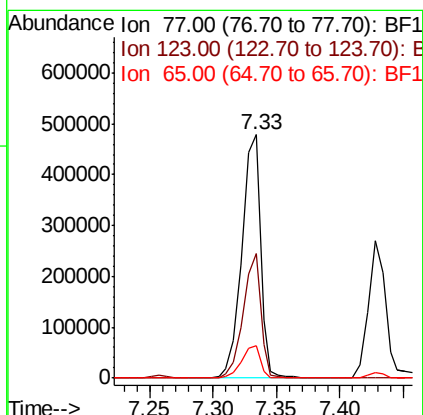
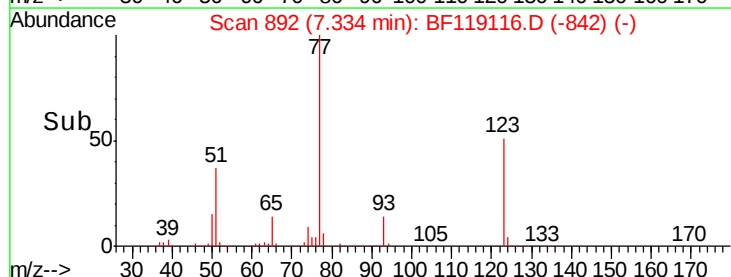
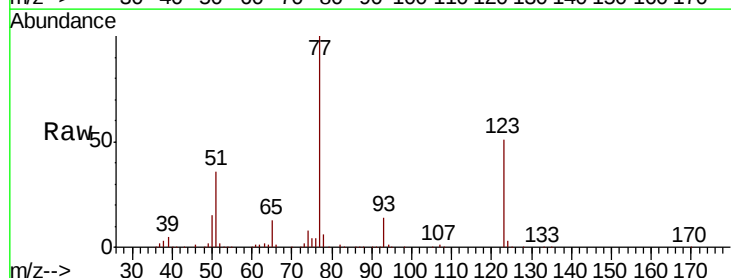
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 702749
 Ion Ratio Lower Upper
 82 100
 128 46.6 37.9 56.9
 54 40.4 33.4 50.2



#24
 Nitrobenzene
 Concen: 47.922 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion: 77 Resp: 487216
 Ion Ratio Lower Upper
 77 100
 123 50.9 40.2 60.2
 65 13.3 10.8 16.2

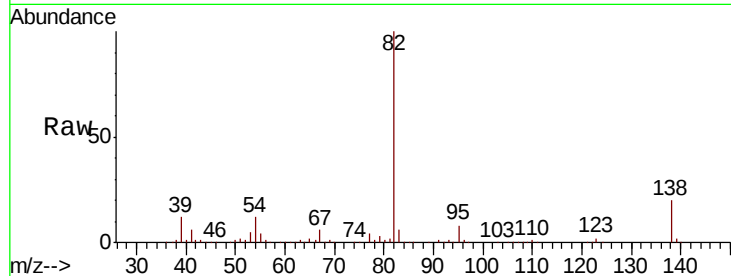




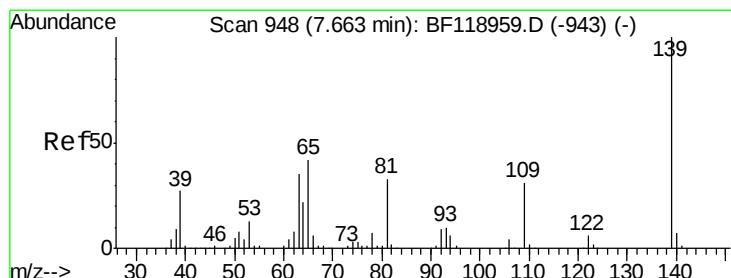
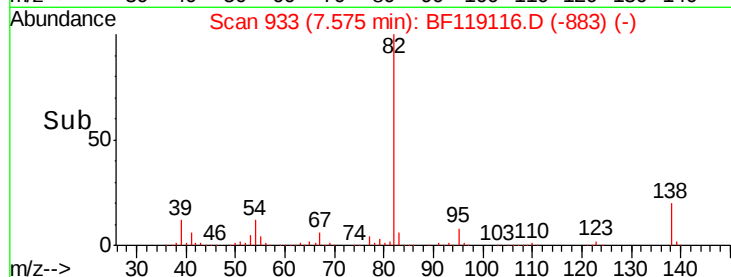
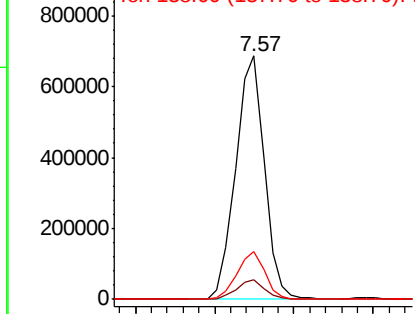
#25
Isophorone
Concen: 48.369 ng
RT: 7.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 863636
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 19.6 15.7 23.5

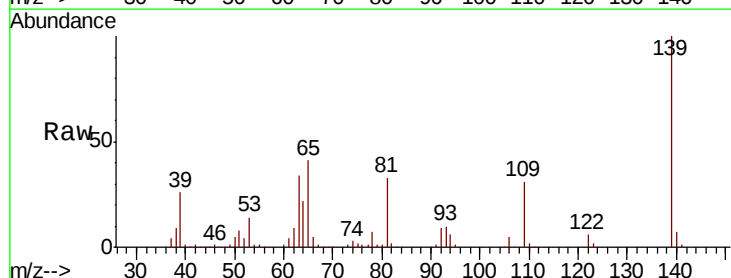


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

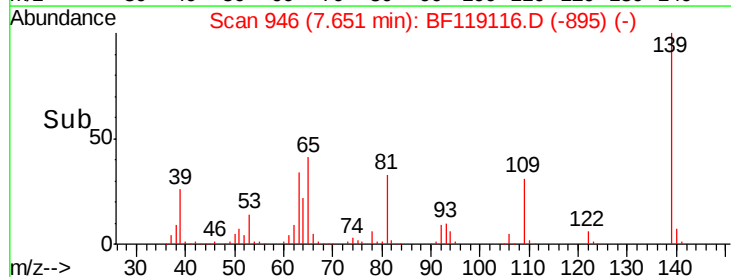
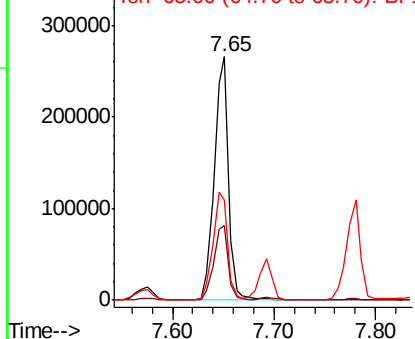


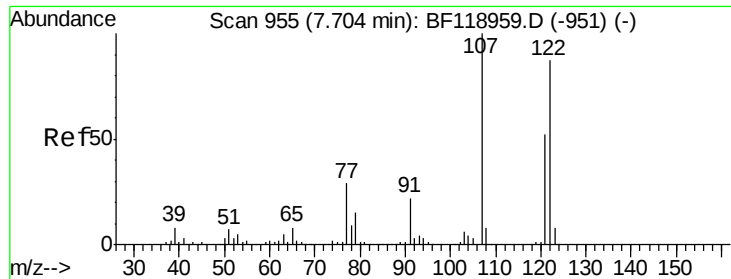
#26
2-Nitrophenol
Concen: 48.121 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion: 139 Resp: 259220
Ion Ratio Lower Upper
139 100
109 30.9 25.7 38.5
65 41.0 37.1 55.7



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

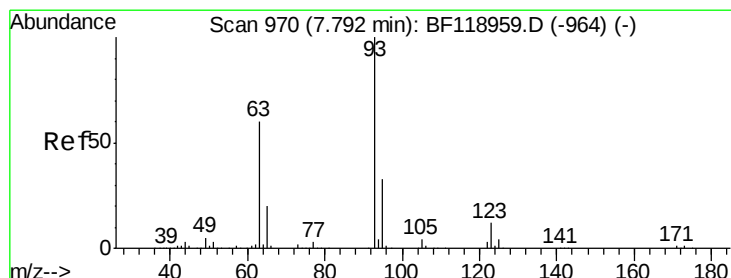
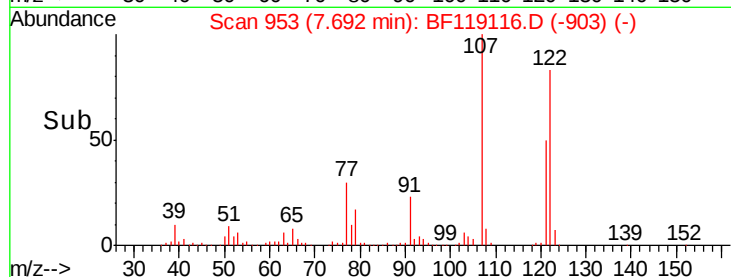
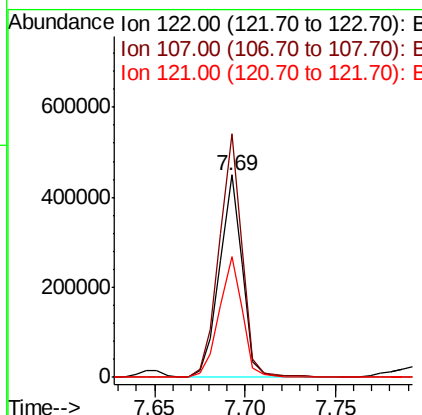
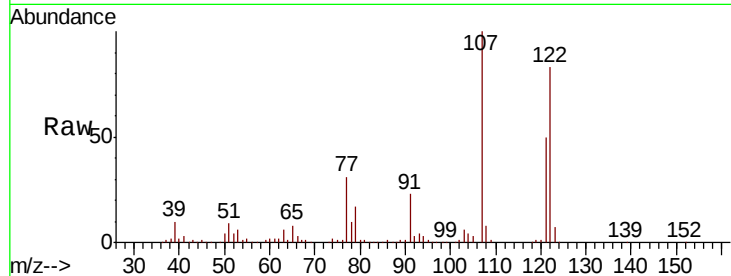




#27
 2,4-Dimethylphenol
 Concen: 54.036 ng
 RT: 7.69 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

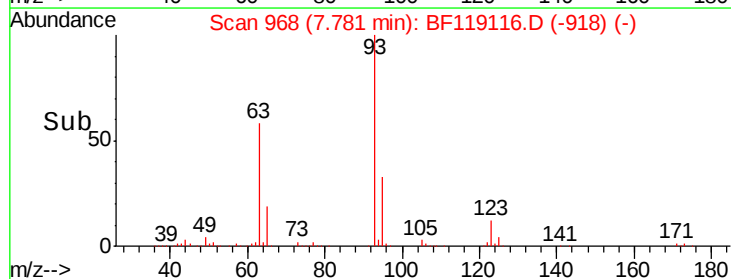
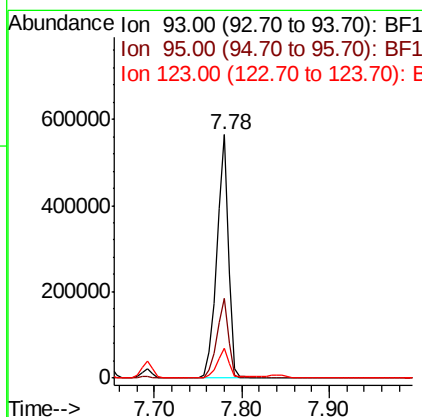
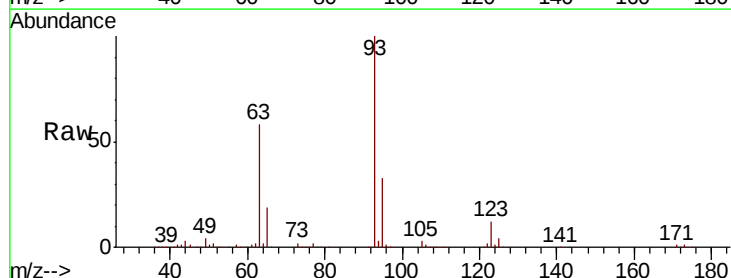
Instrument :
 BNA_F
 ClientSampleId :

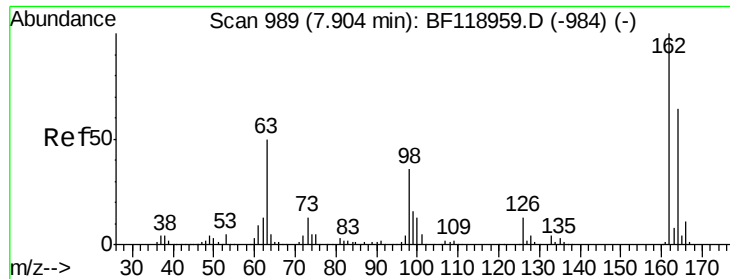
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.3	93.8	140.6
121	59.6	48.2	72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.226 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	12.1	10.2	15.2

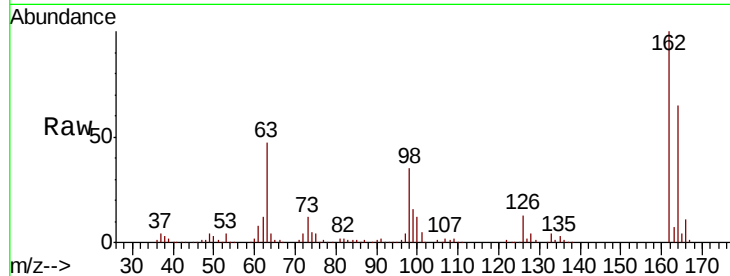




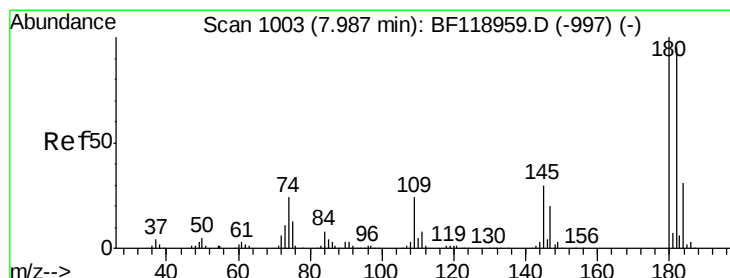
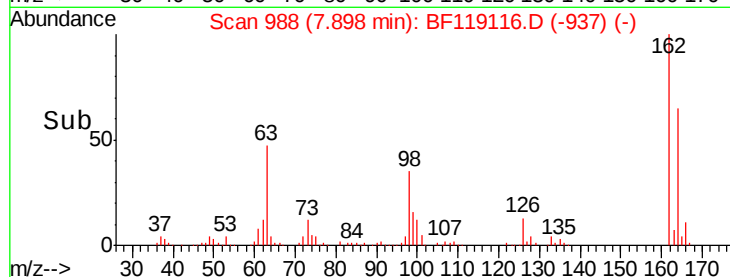
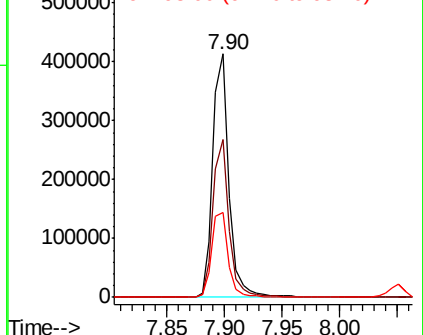
#29
2,4-Dichlorophenol
Concen: 46.681 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 401776
Ion Ratio Lower Upper
162 100
164 64.7 45.2 85.2
98 34.9 17.4 57.4

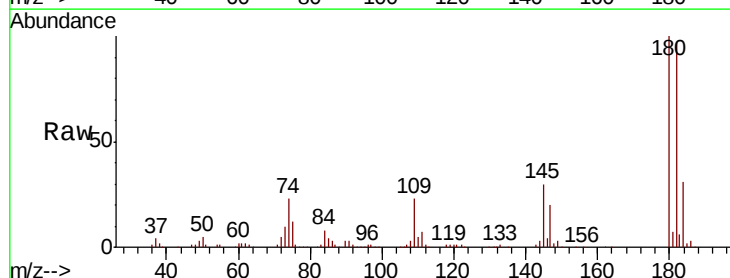


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

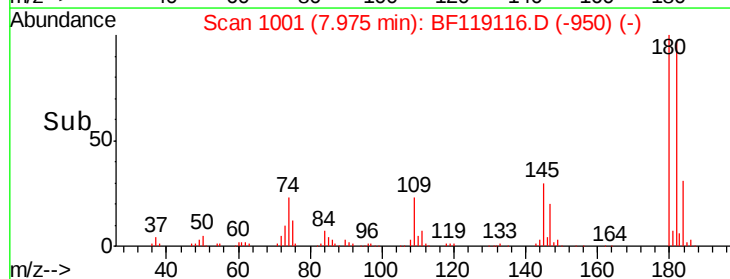
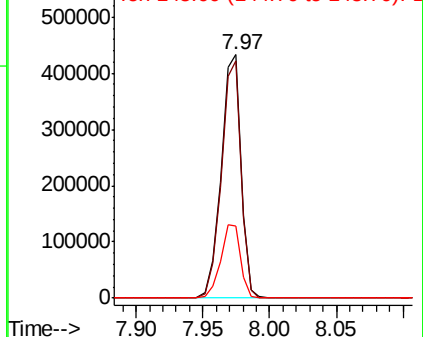


#30
1,2,4-Trichlorobenzene
Concen: 44.747 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion:180 Resp: 456624
Ion Ratio Lower Upper
180 100
182 97.4 77.8 116.6
145 29.6 25.2 37.8



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: 47.355 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

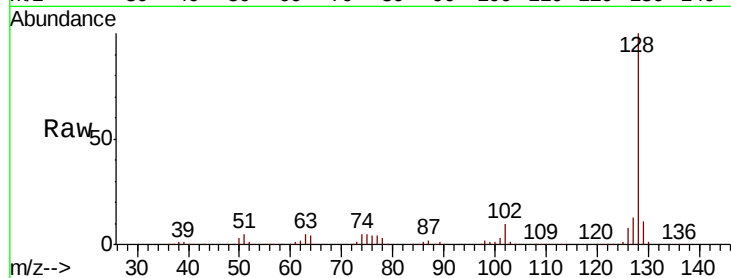
Tot Ion:128 Resp: 1333163

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

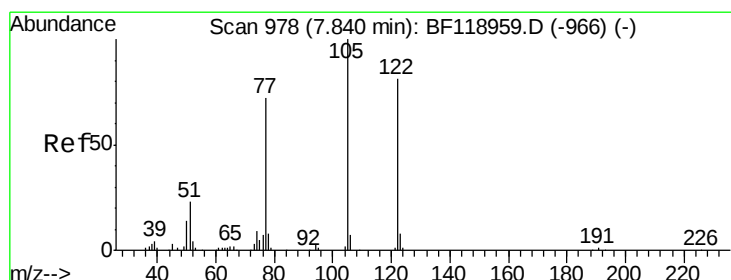
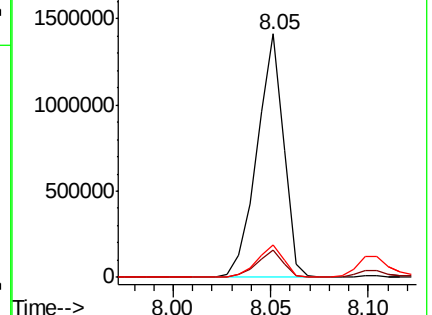
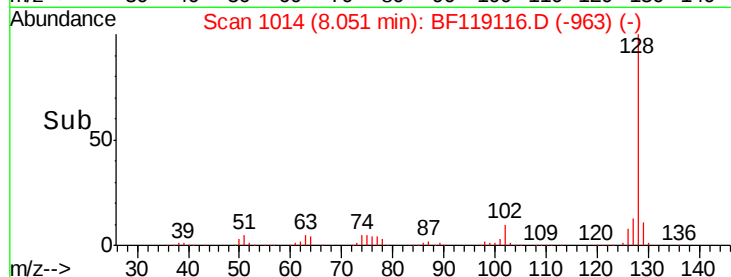
127 13.4 11.4 17.2



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: 45.653 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

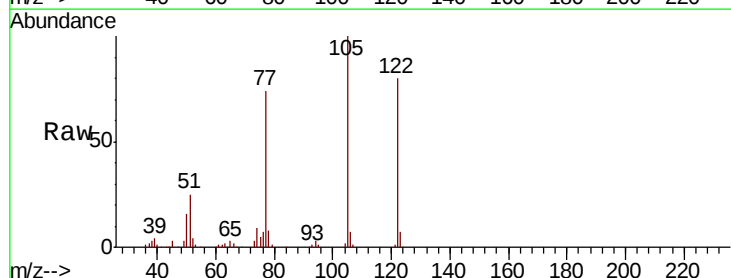
Tgt Ion:122 Resp: 241517

Ion Ratio Lower Upper

122 100

105 125.3 106.3 146.3

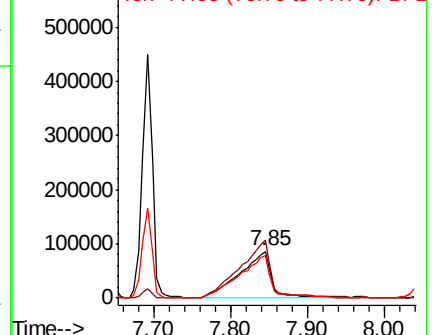
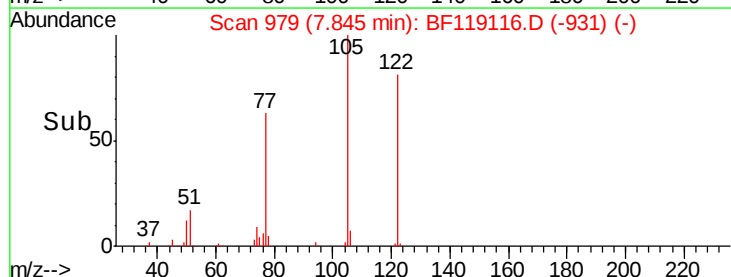
77 93.0 73.1 113.1

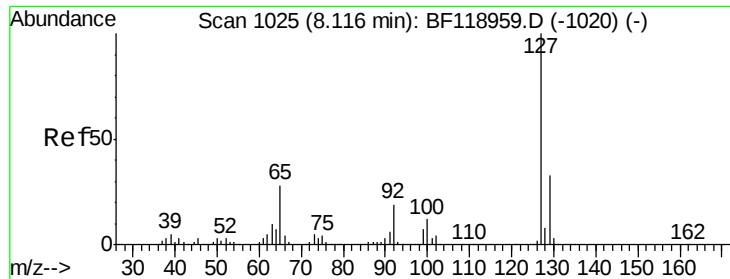


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

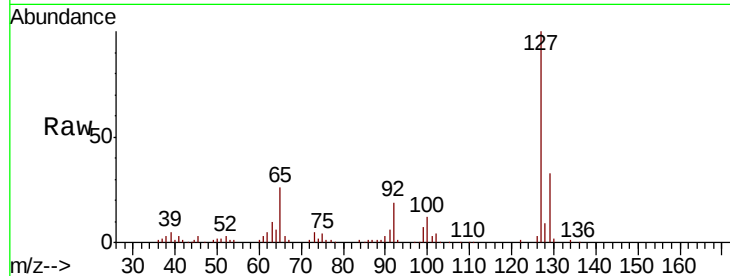




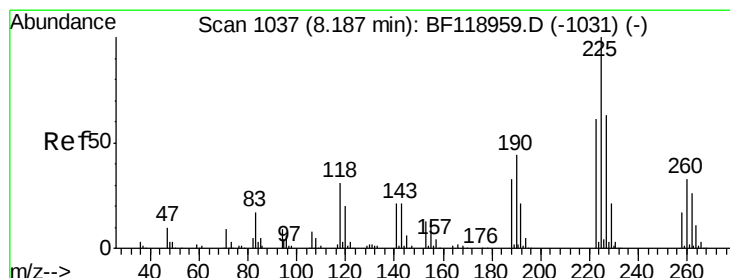
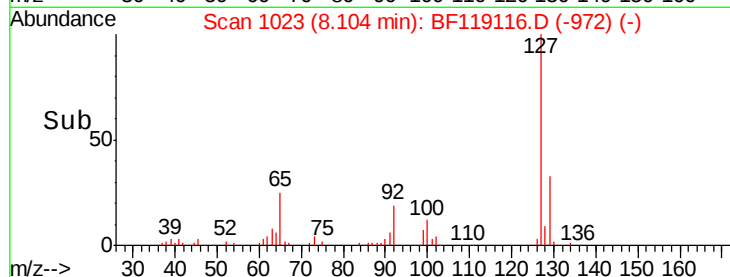
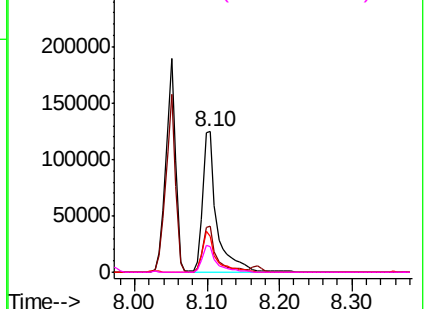
#33
4-Chloroaniline
Concen: 14.179 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleID :

Tot Ion:	127	Resp:	171690
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	25.9	23.9	35.9
92	18.7	16.3	24.5

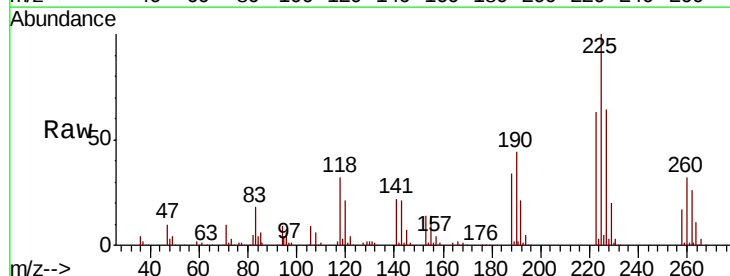


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

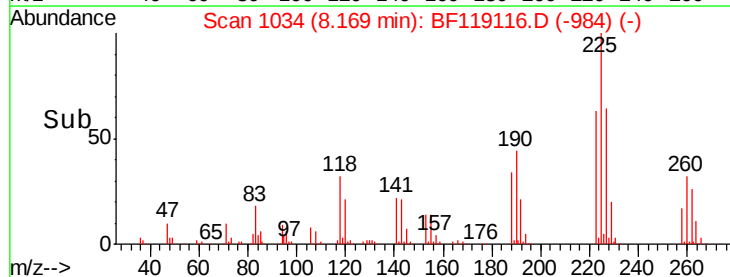
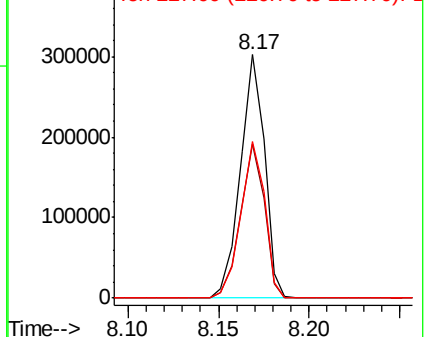


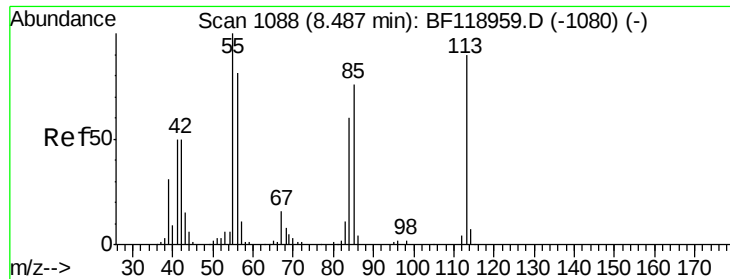
#34
Hexachlorobutadiene
Concen: 43.989 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion:	225	Resp:	279609
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.2
227	64.2	52.9	79.3



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

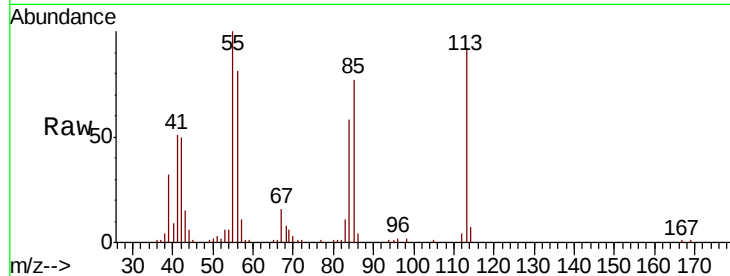




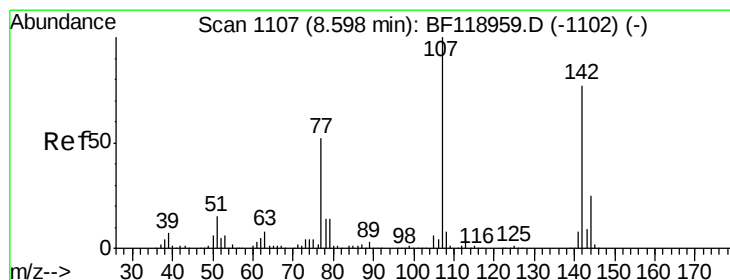
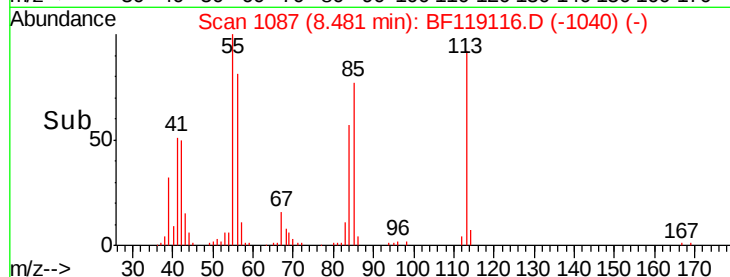
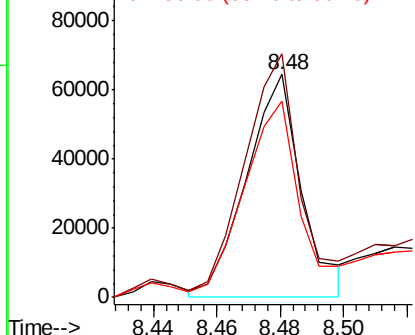
#35
 Caprolactam
 Concen: 29.258 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 77538
 Ion Ratio Lower Upper
 113 100
 55 109.2 95.7 135.7
 56 88.0 73.1 113.1

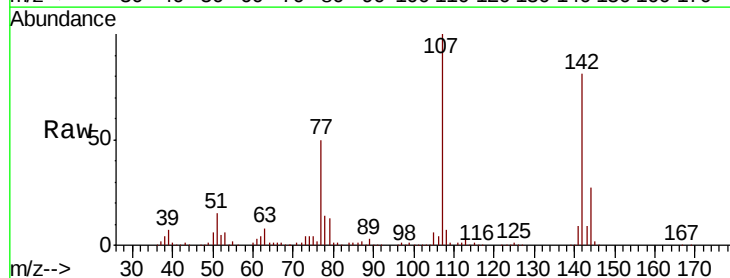


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

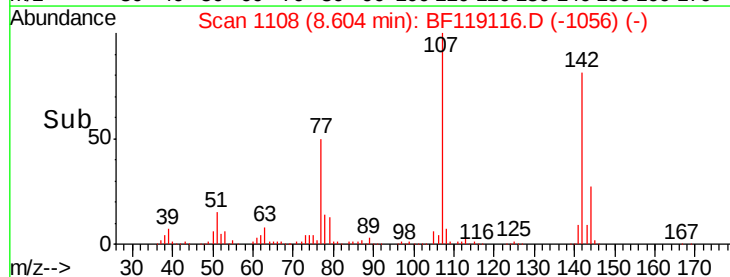
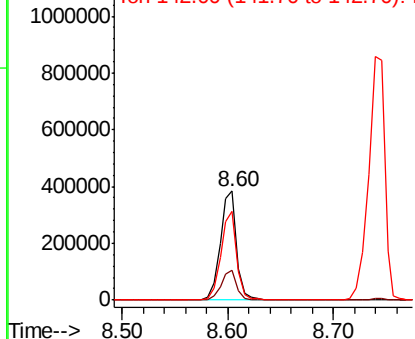


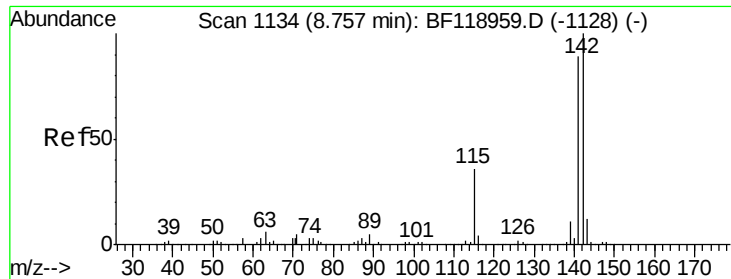
#36
 4-Chloro-3-methylphenol
 Concen: 47.922 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion:107 Resp: 417418
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.1 30.1
 142 81.4 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

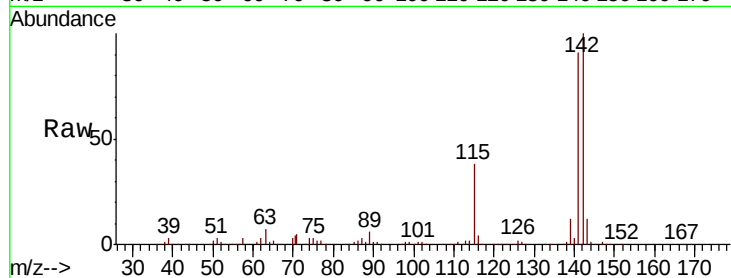




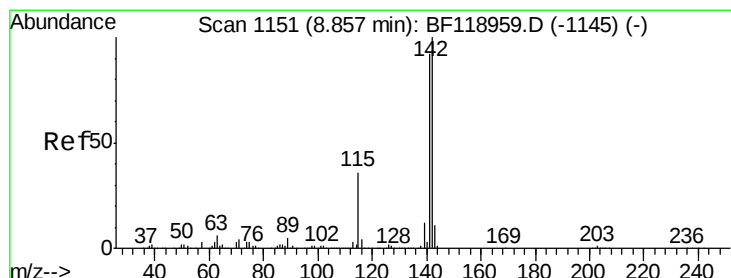
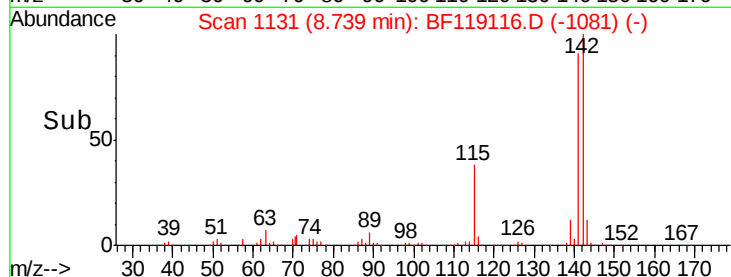
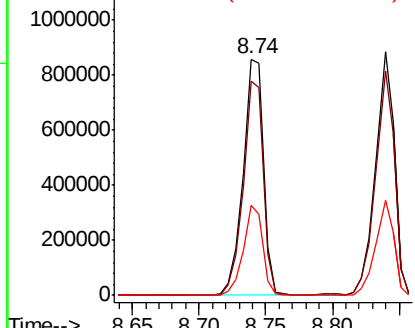
#37
 2-Methylnaphthalene
 Concen: 47.665 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.3	108.5
115	38.1	30.6	45.8

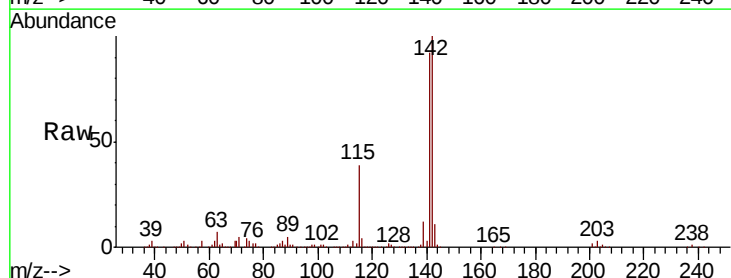


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

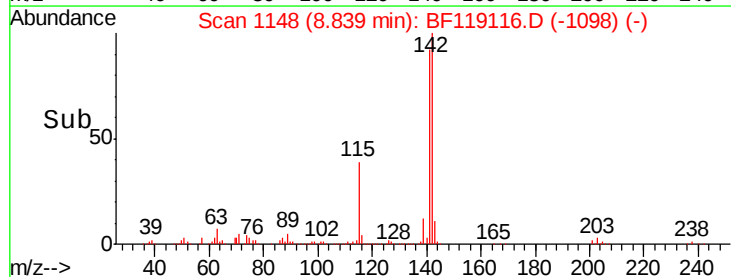
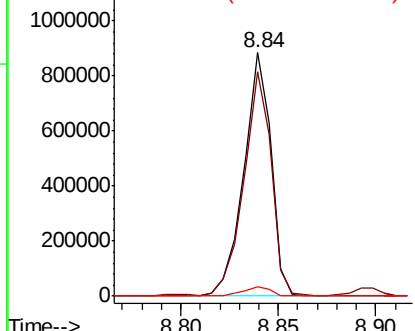


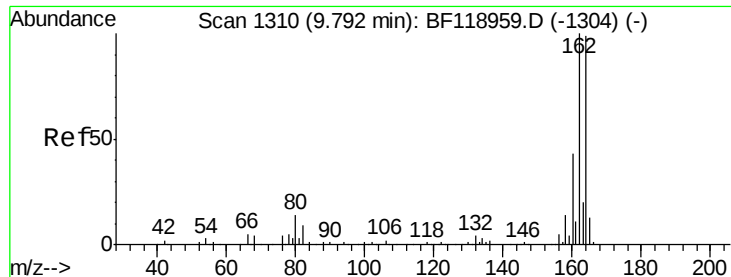
#38
 1-Methylnaphthalene
 Concen: 47.692 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.8	113.6
116	4.0	3.1	4.7



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: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

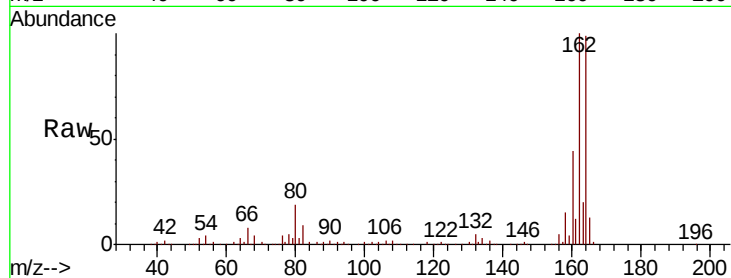
Tot Ion:164 Resp: 289530

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.8

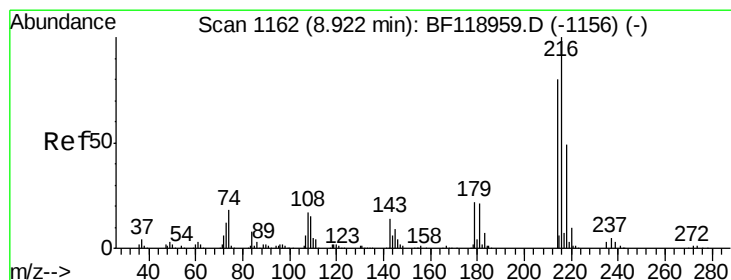
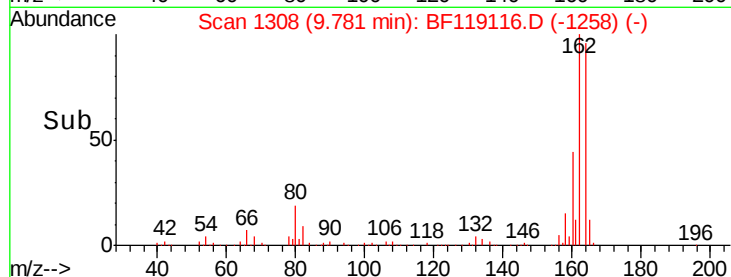
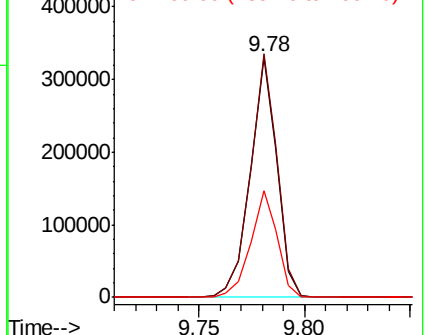
160 44.4 36.0 54.0



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: 46.456 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:216 Resp: 453489

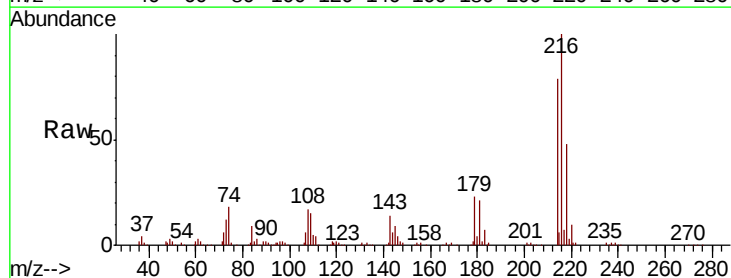
Ion Ratio Lower Upper

216 100

214 77.7 63.3 94.9

179 21.4 17.7 26.5

108 18.0 13.9 20.9

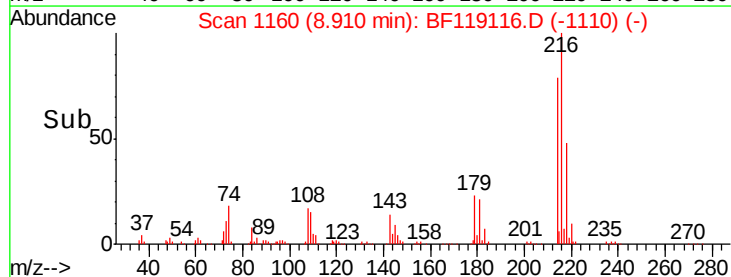
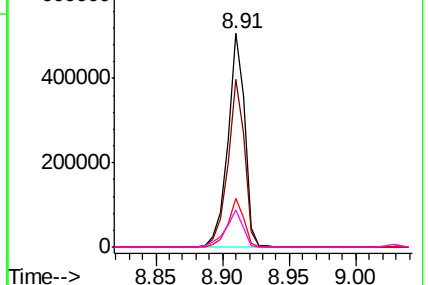


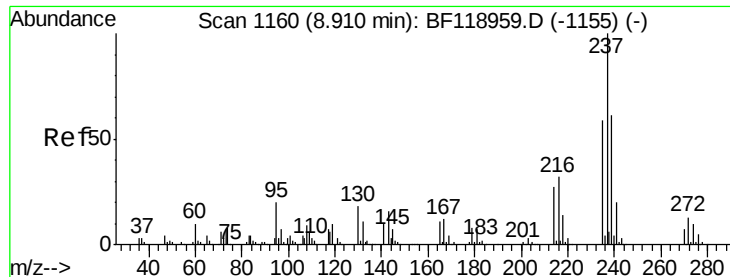
Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.553 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

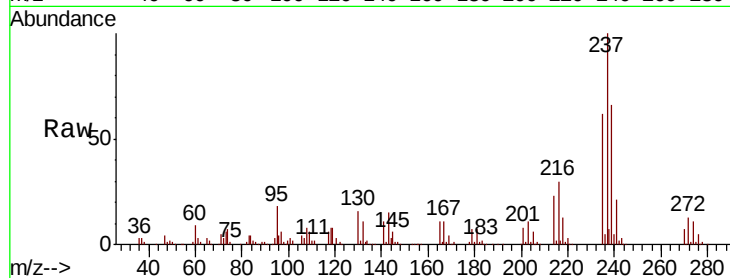
Tot Ion:237 Resp: 238173

Ion Ratio Lower Upper

237 100

235 62.1 42.3 82.3

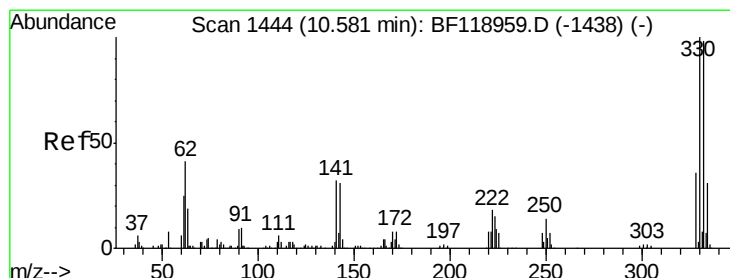
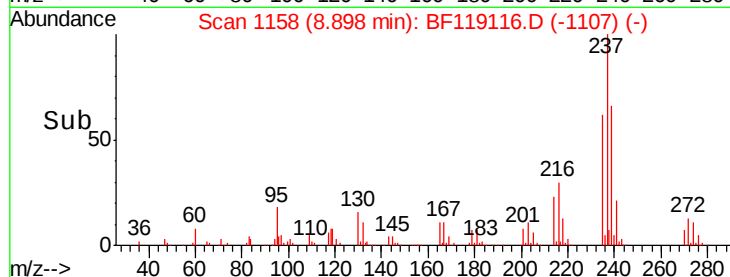
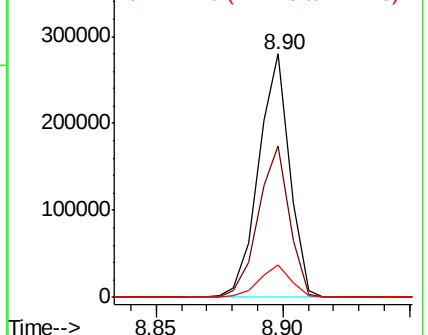
272 13.4 0.0 33.5



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: 89.069 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

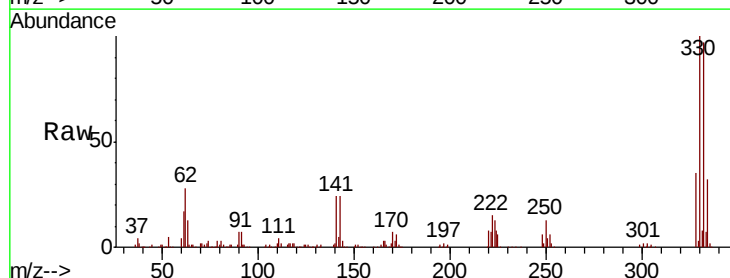
Tgt Ion:330 Resp: 337352

Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

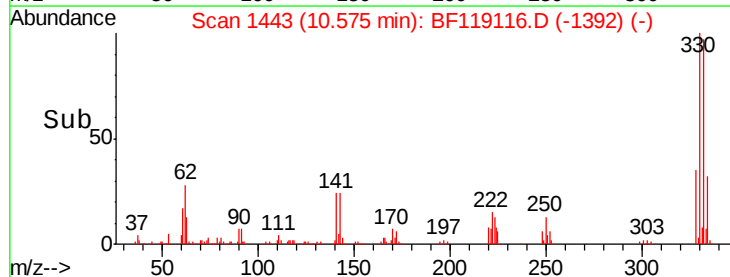
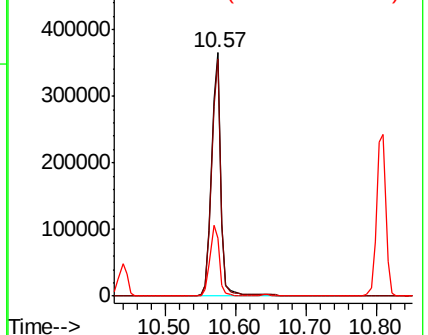
141 29.4 22.9 34.3

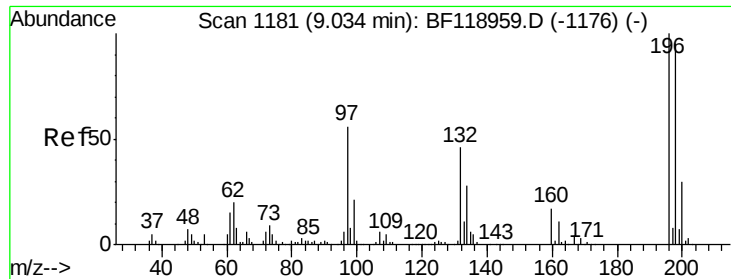


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

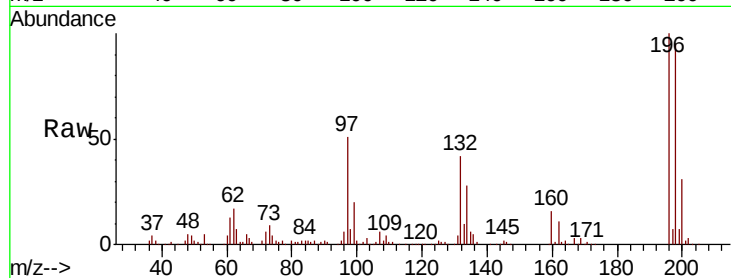




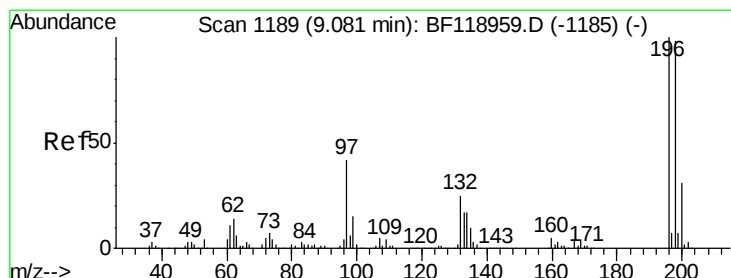
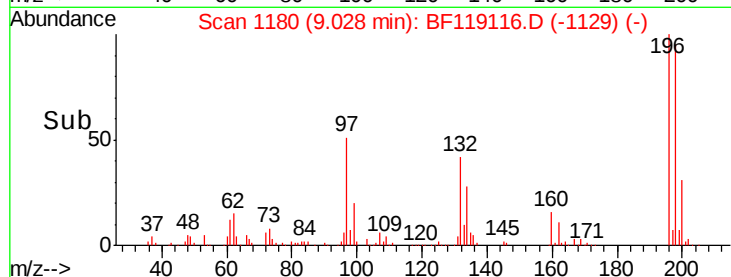
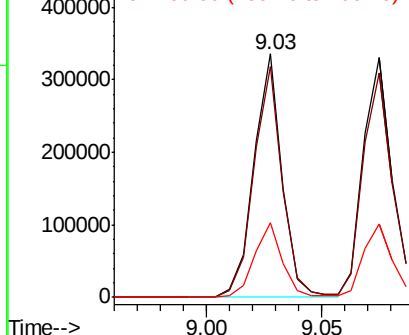
#43
 2,4,6-Trichlorophenol
 Concen: 46.590 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 287205
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.1 115.7
 200 30.7 25.0 37.6

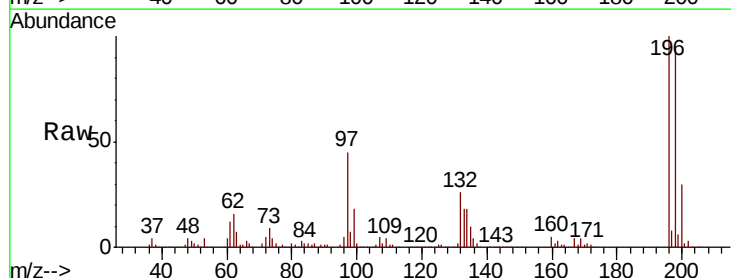


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

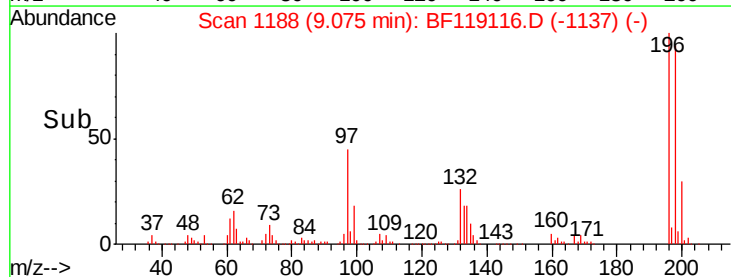
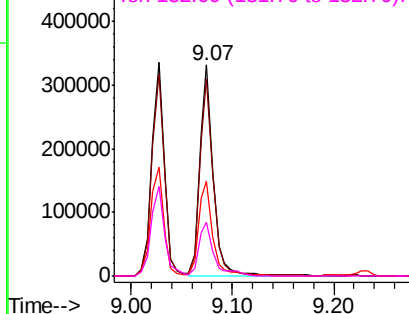


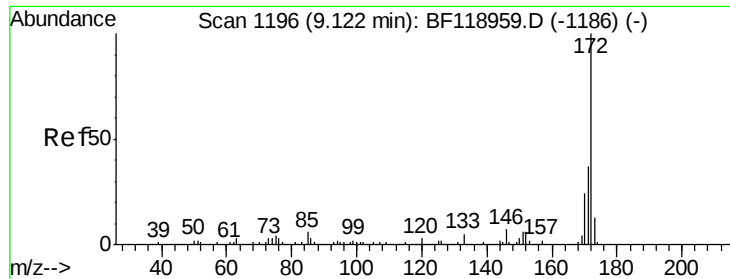
#44
 2,4,5-Trichlorophenol
 Concen: 46.599 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion:196 Resp: 301438
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.8 115.2
 97 45.2 38.5 57.7
 132 25.7 22.2 33.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



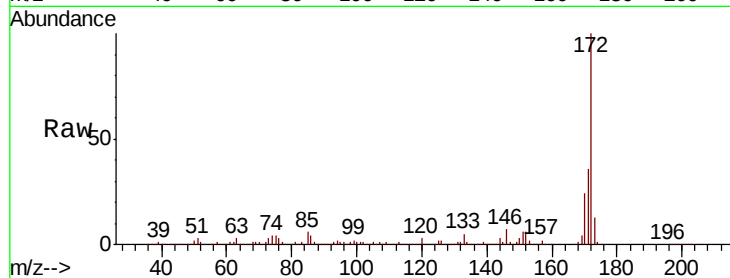


#45
 2-Fluorobiphenyl
 Concen: 67.146 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

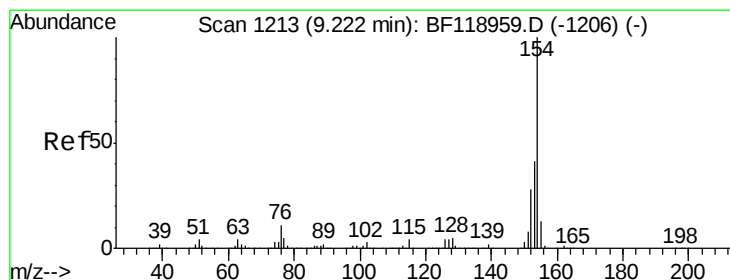
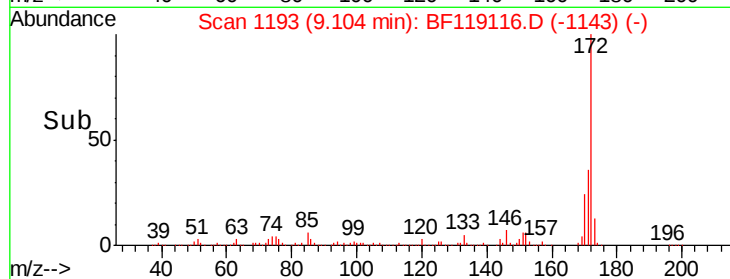
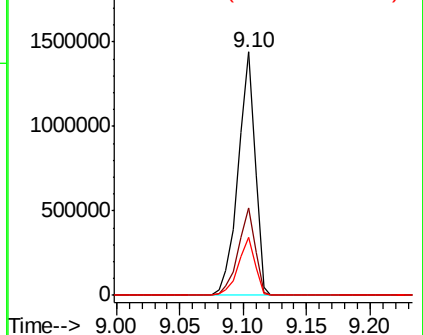
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1319663

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	23.8	20.2	30.2



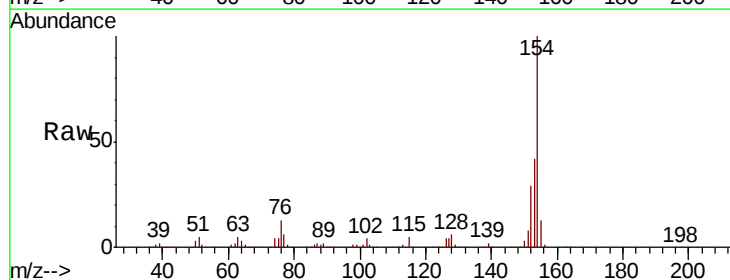
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



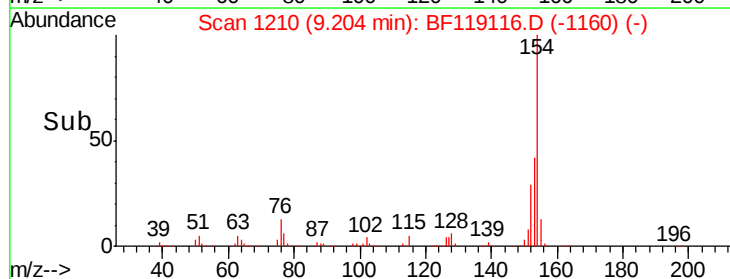
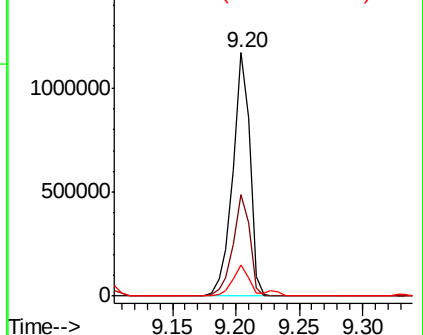
#46
 1,1'-Biphenyl
 Concen: 46.238 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

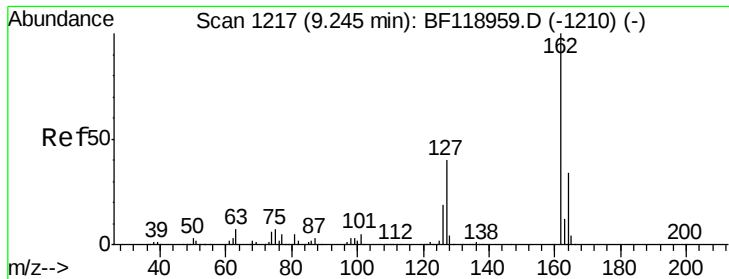
Tgt Ion:154 Resp: 1081958

Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.8	62.8
76	12.6	0.0	32.2



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

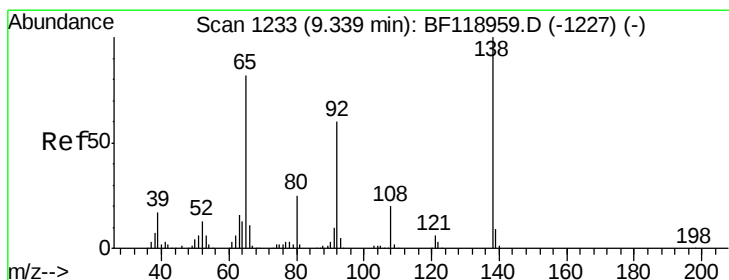
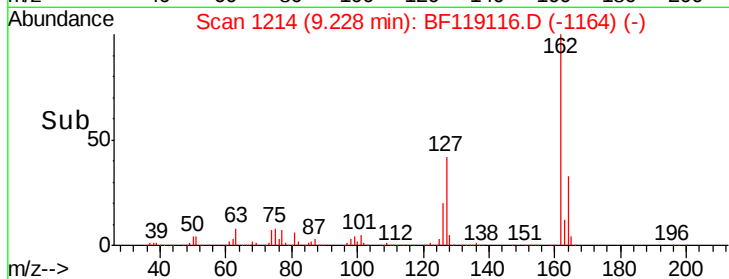
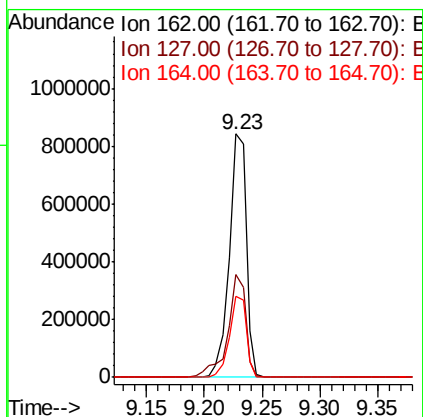
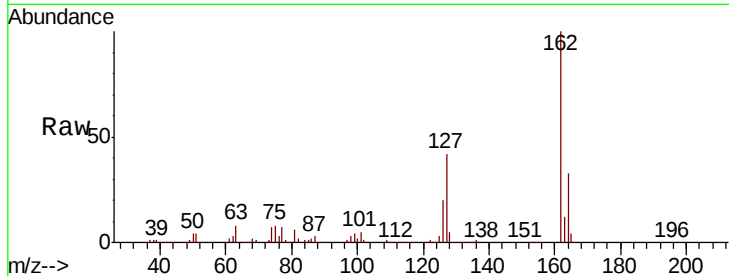




#47
 2-Chloronaphthalene
 Concen: 45.766 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

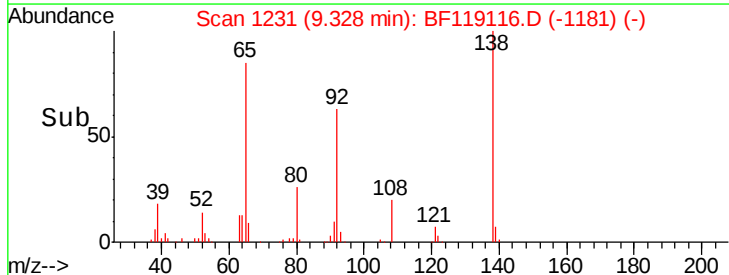
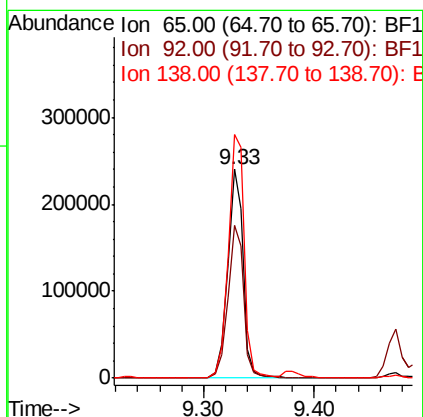
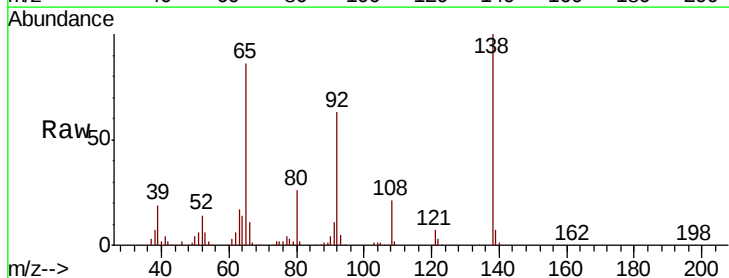
Instrument :
 BNA_F
 ClientSampleId :

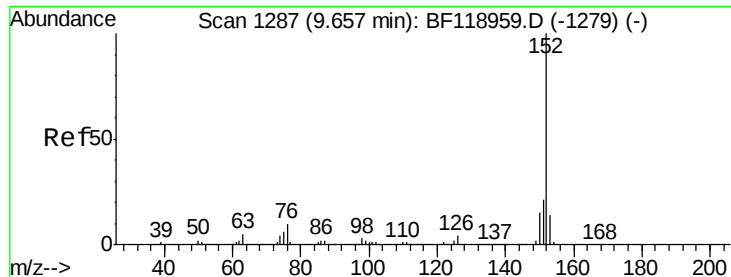
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	35.0	52.4
164	33.4	27.2	40.8



#48
 2-Nitroaniline
 Concen: 44.850 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	58.2	87.2
138	116.7	95.6	143.4





#49

Acenaphthylene

Concen: 47.704 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

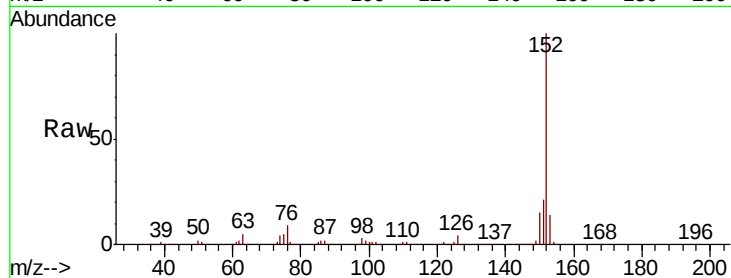
Tot Ion:152 Resp: 1299210

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

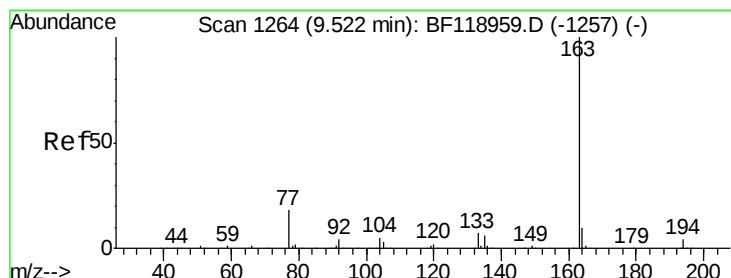
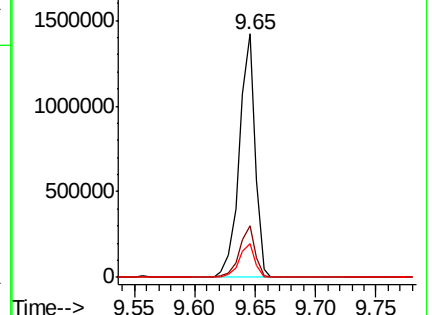
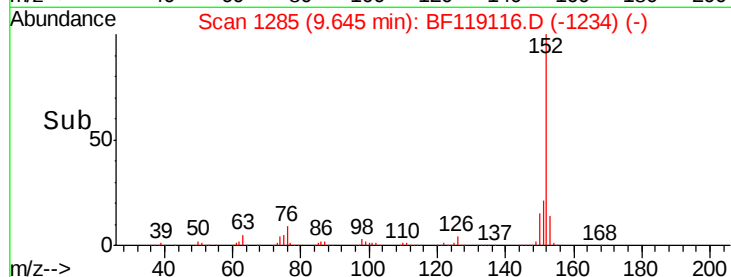
153 13.7 11.0 16.6



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: 50.225 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

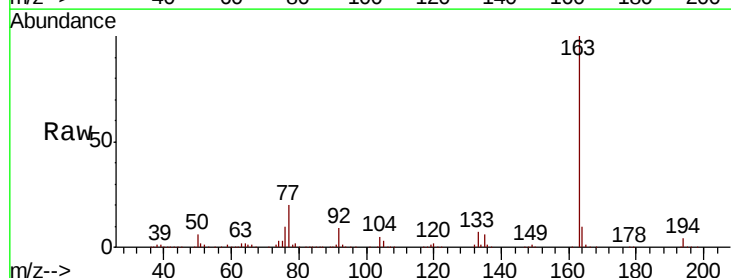
Tgt Ion:163 Resp: 1111978

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

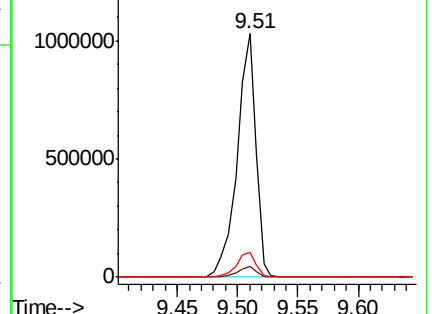
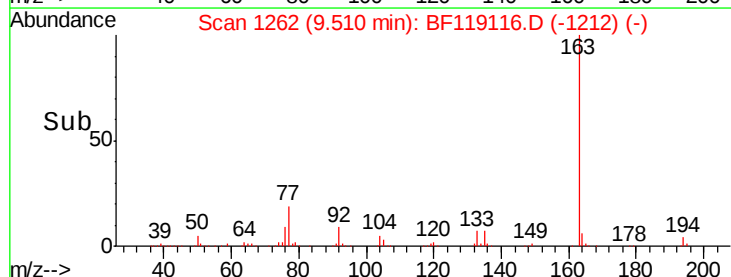
164 10.4 8.4 12.6



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: 47.490 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

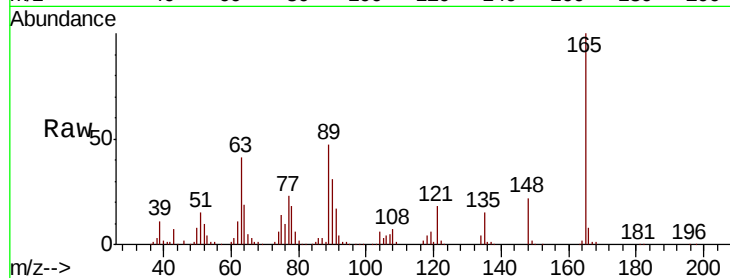
Tot Ion:165 Resp: 233595

Ion Ratio Lower Upper

165 100

63 41.3 34.3 51.5

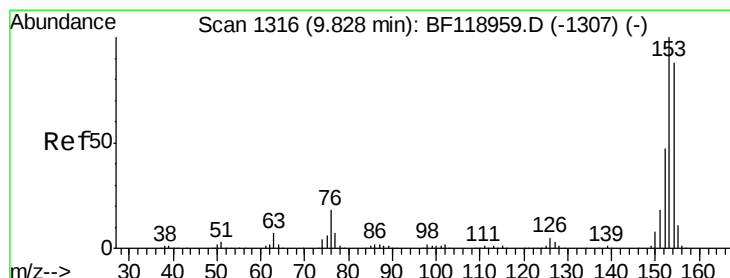
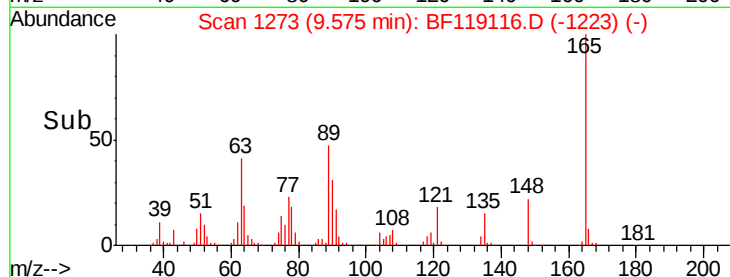
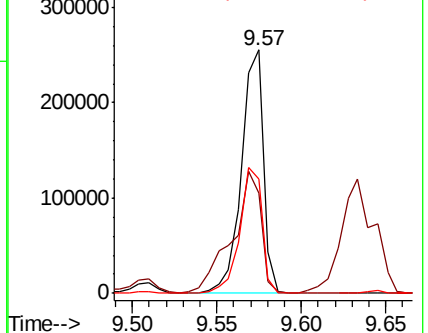
89 46.8 38.3 57.5



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



#52

Acenaphthene

Concen: 46.655 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

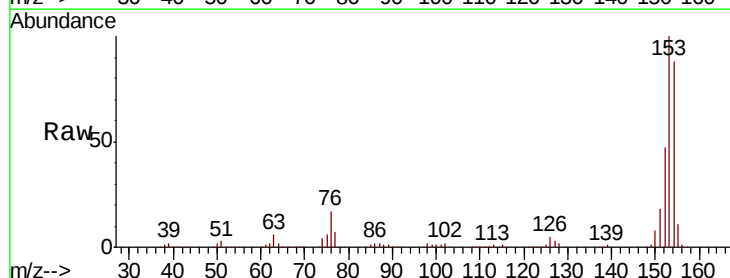
Tgt Ion:154 Resp: 766184

Ion Ratio Lower Upper

154 100

153 113.5 90.3 135.5

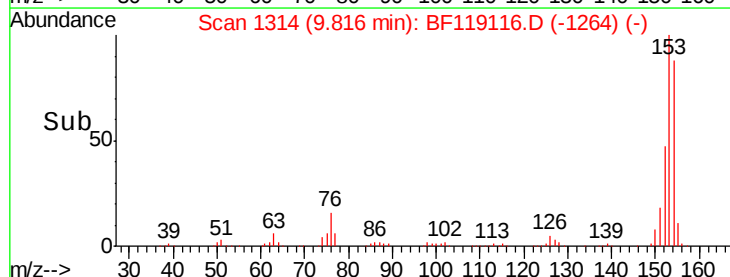
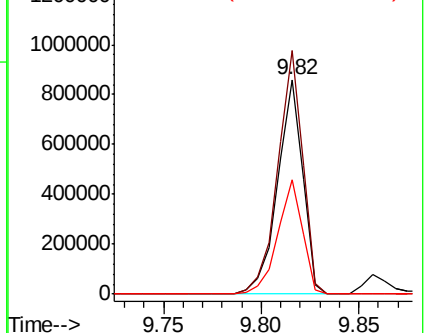
152 53.6 43.8 65.8

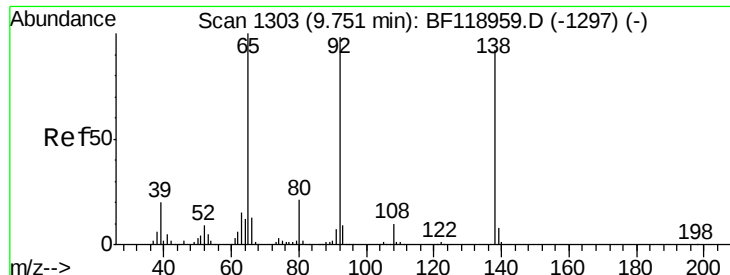


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

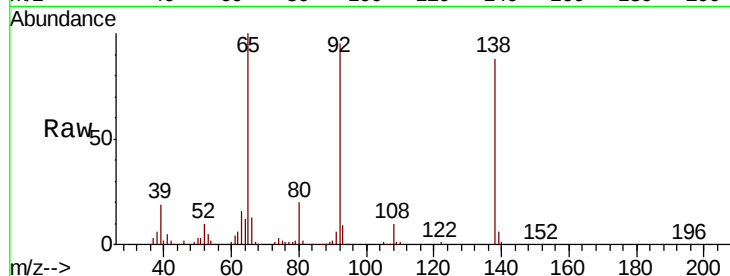




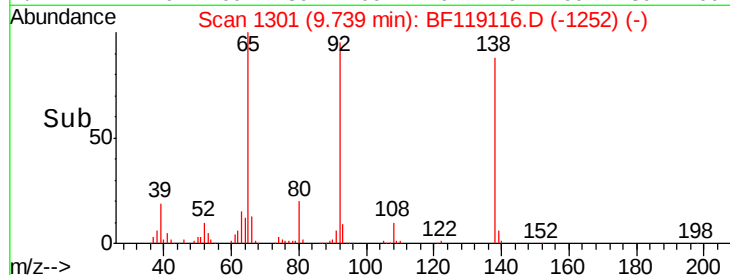
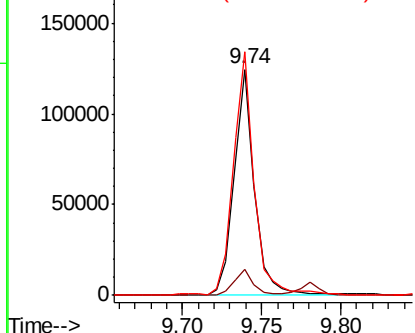
#53
3-Nitroaniline
Concen: 20.454 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 111540
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 107.8 84.8 127.2

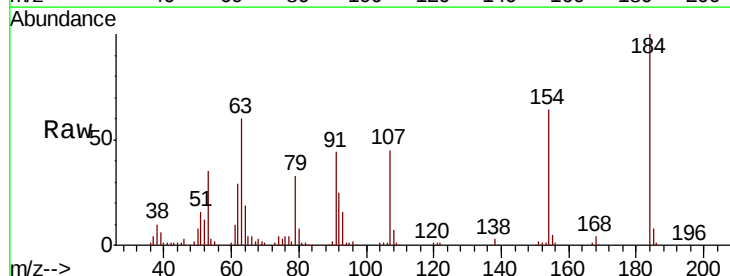


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

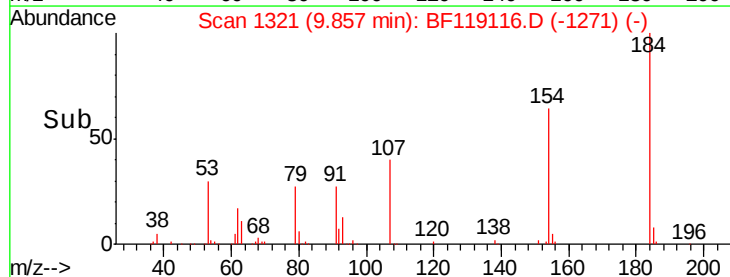
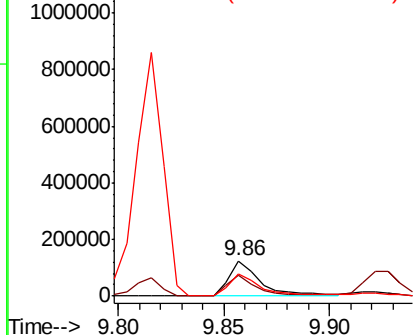


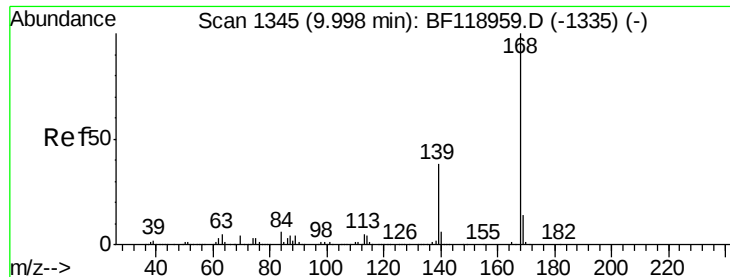
#54
2,4-Dinitrophenol
Concen: 56.418 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion:184 Resp: 129066
Ion Ratio Lower Upper
184 100
63 60.1 38.7 58.1#
154 64.4 49.7 74.5



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

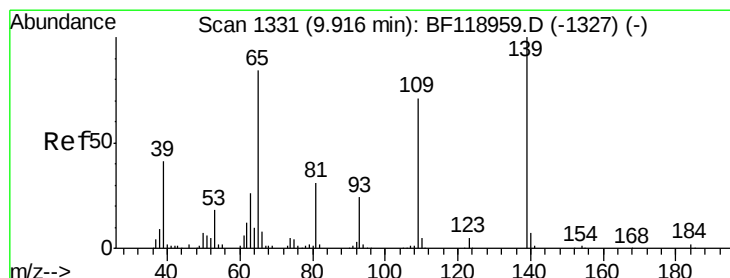
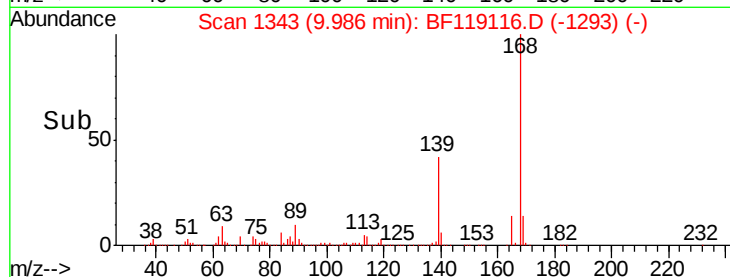
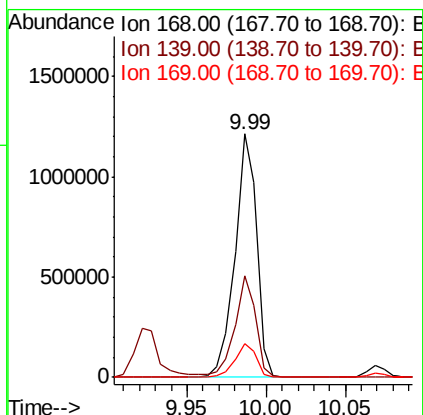
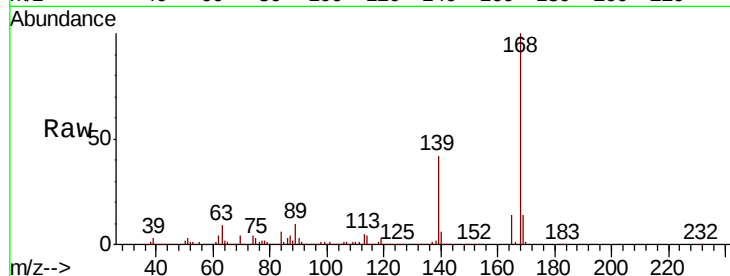




#55
Dibenzenofuran
Concen: 46.965 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

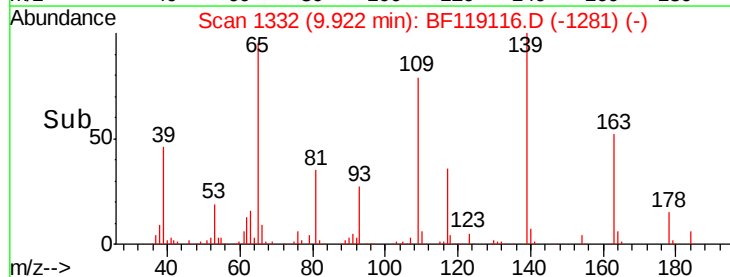
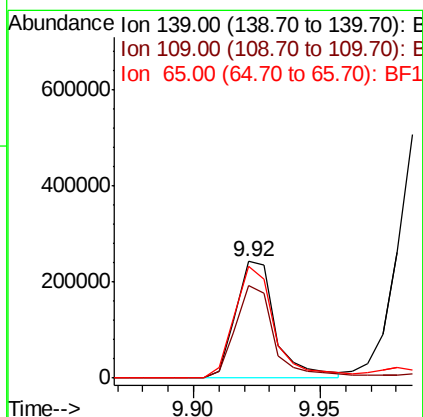
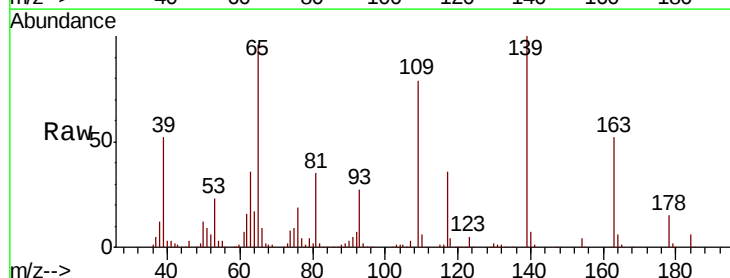
Instrument :
BNA_F
ClientSampleId :

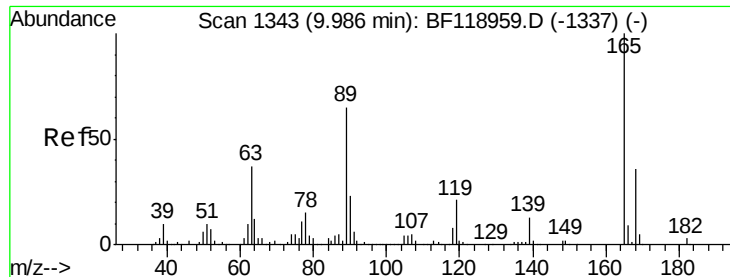
Tot Ion:168 Resp: 1151197
Ion Ratio Lower Upper
168 100
139 41.7 34.0 51.0
169 14.0 11.0 16.4



#56
4-Nitrophenol
Concen: 81.515 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion:139 Resp: 267071
Ion Ratio Lower Upper
139 100
109 79.3 56.7 96.7
65 95.7 65.0 105.0

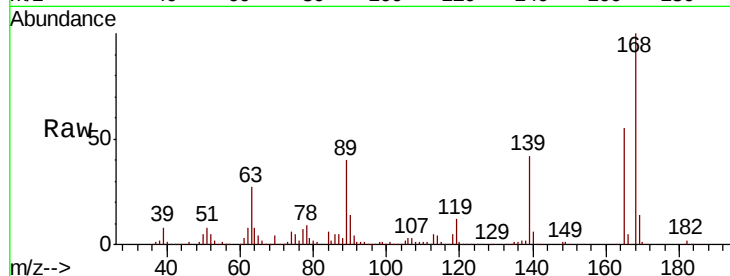




#57
2,4-Dinitrotoluene
Concen: 45.386 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	42.3	63.5
89	72.8	60.2	90.4
182	3.2	2.3	3.5



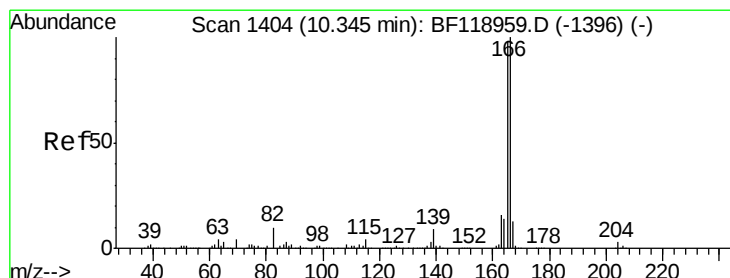
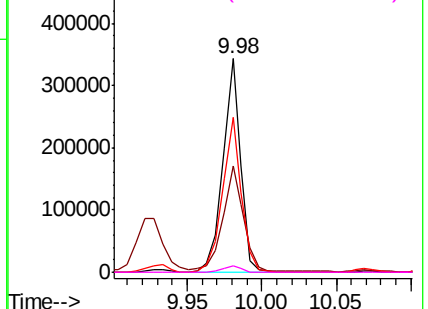
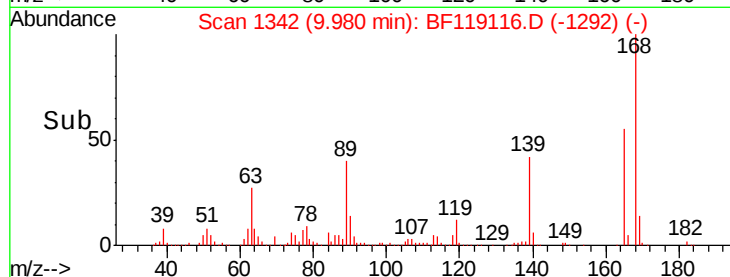
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

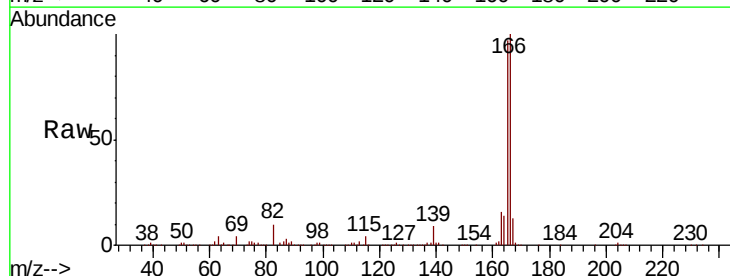
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.246 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.5	117.7
167	13.3	11.0	16.4

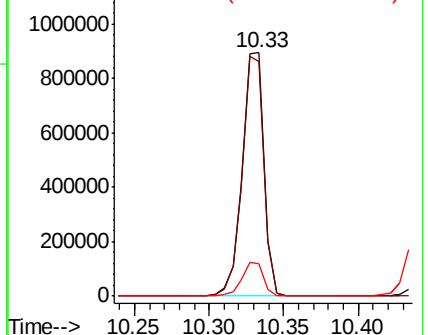
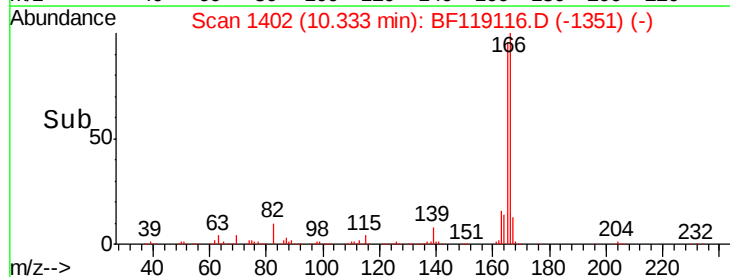


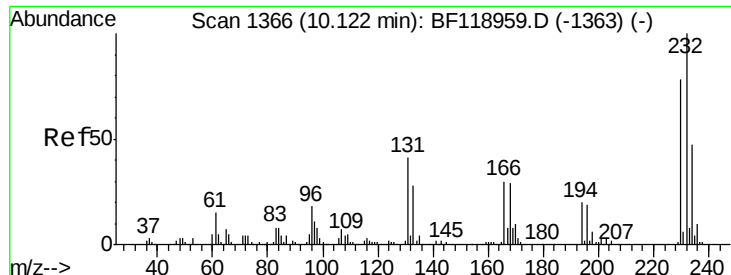
Abundance

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

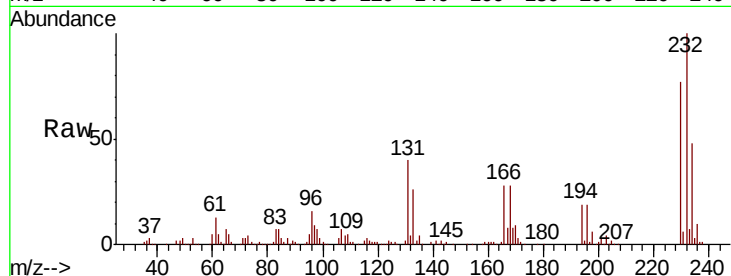




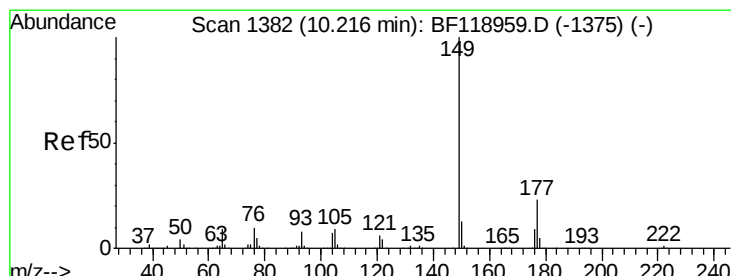
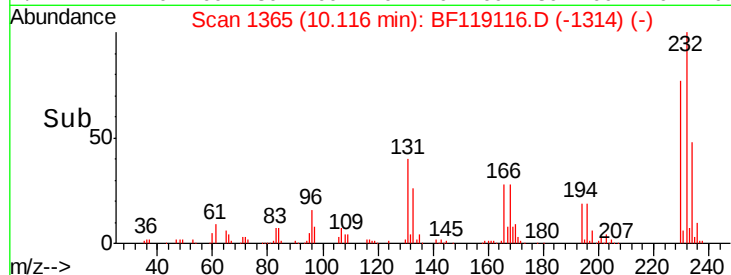
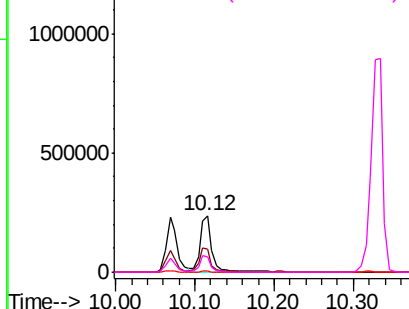
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.362 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	253059
Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.8	50.8
130	2.2	1.8	2.6
166	27.6	23.0	34.4

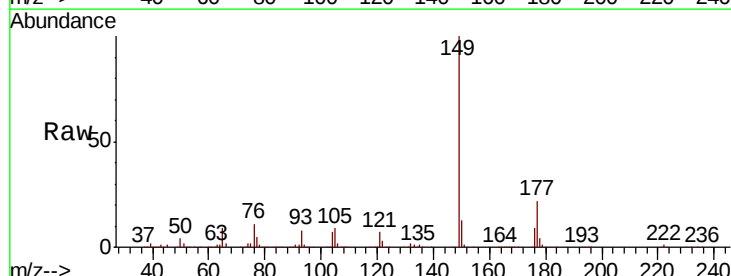


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

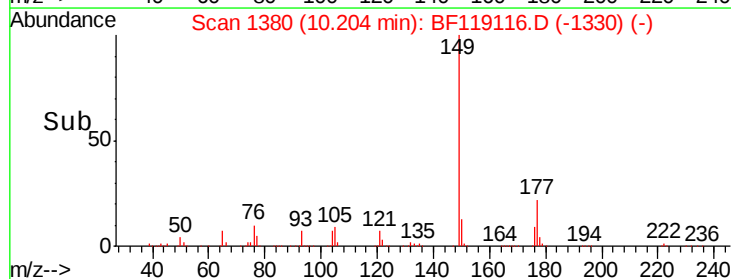
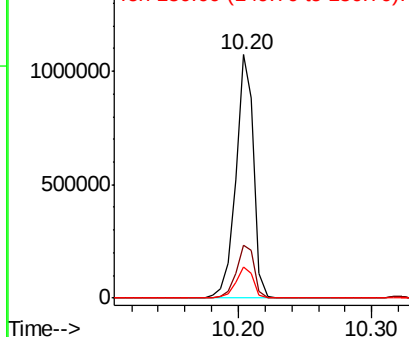


#60
 Diethylphthalate
 Concen: 47.461 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion:	149	Resp:	990228
Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.2
150	13.0	10.5	15.7



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

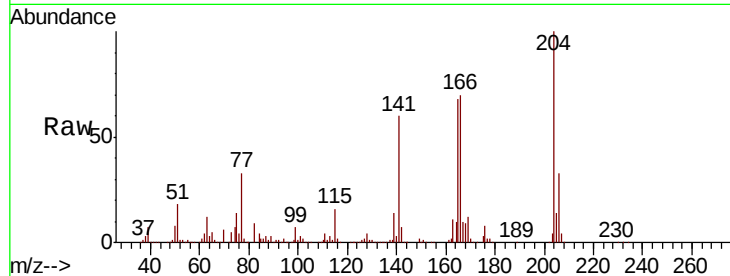




#61
4-Chlorophenyl-phenylether
Concen: 46.865 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.1	40.7
141	59.7	52.9	79.3

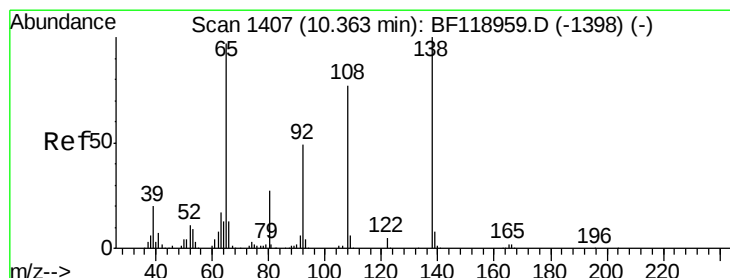
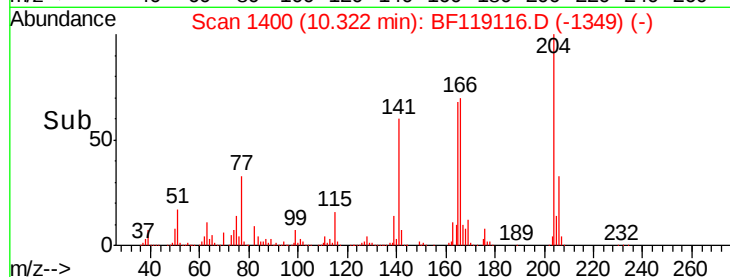
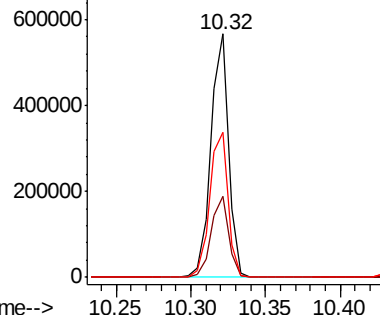


Abundance

Ion 204.00 (203.70 to 204.70): E

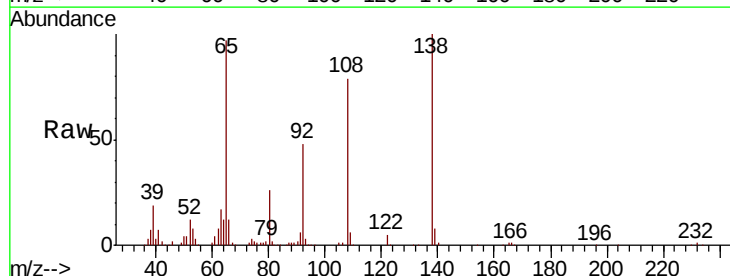
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.566 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	27.3	67.3
108	78.8	57.0	97.0

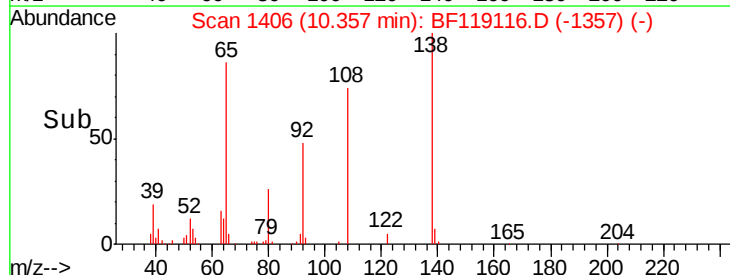
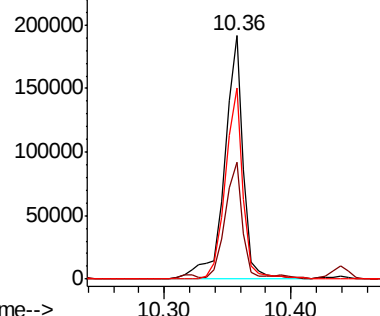


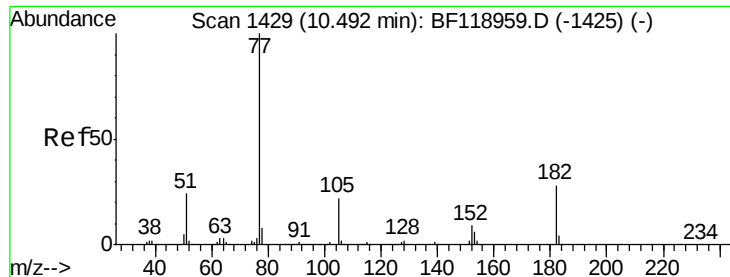
Abundance

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

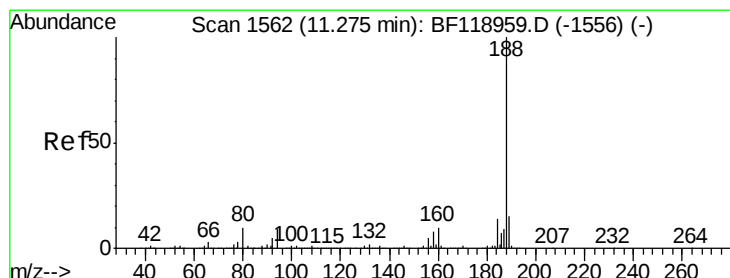
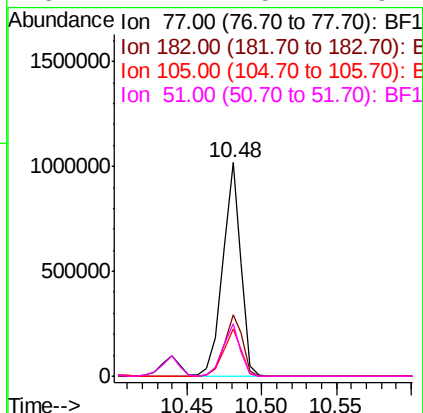
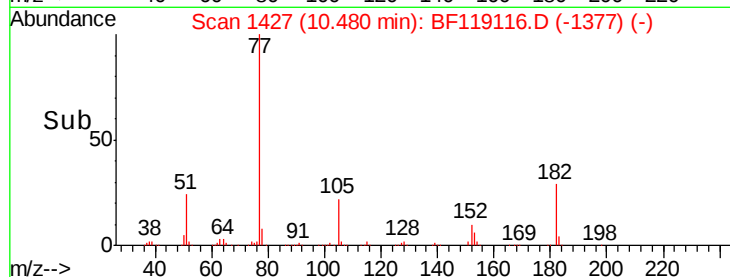
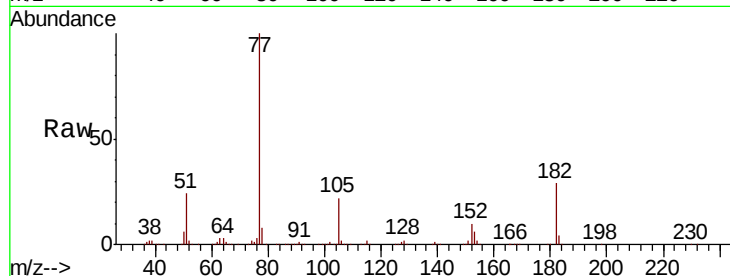




#63
Azobenzene
Concen: 47.769 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

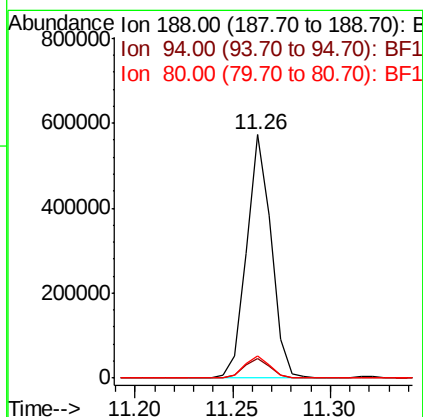
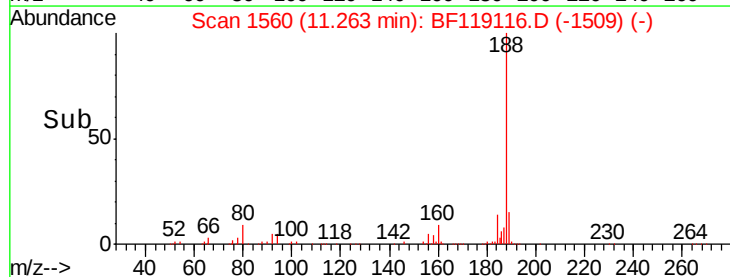
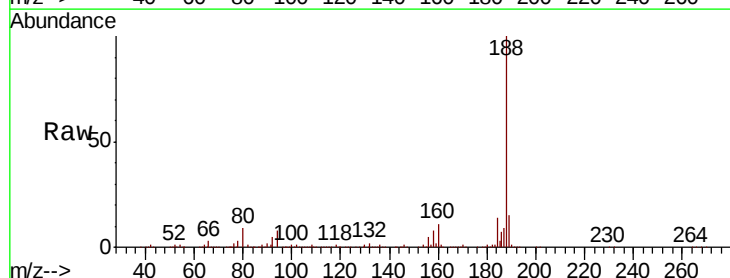
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	866304
Ion	Ratio	Lower	Upper
77	100		
182	28.5	11.4	51.4
105	22.3	3.4	43.4
51	24.4	5.1	45.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion:	188	Resp:	501604
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	9.2	7.8	11.8

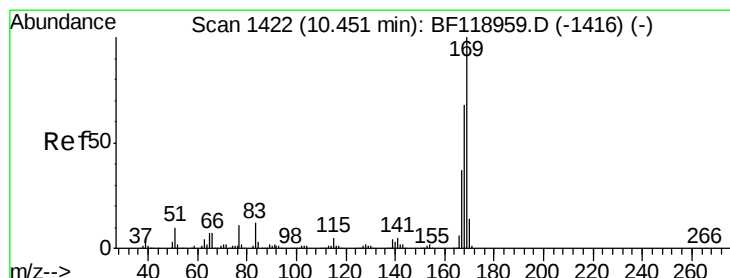
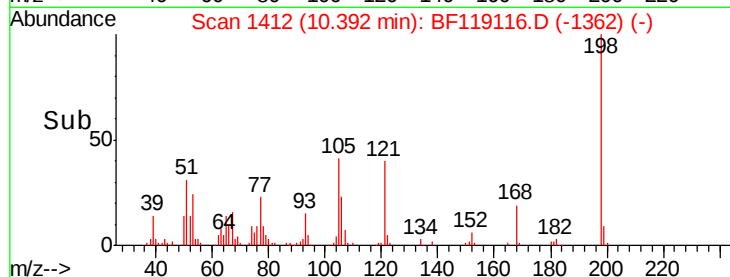
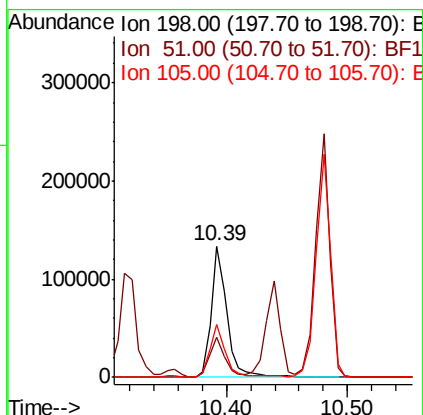
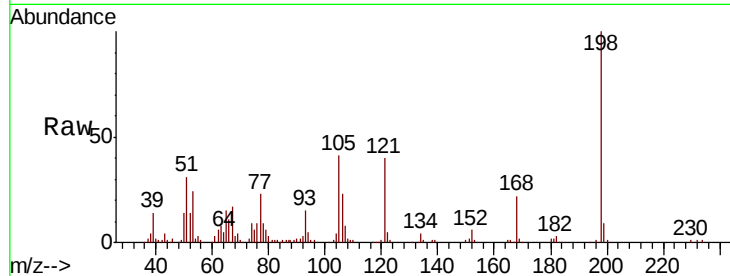




#65
4,6-Dinitro-2-methylphenol
Concen: 39.366 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

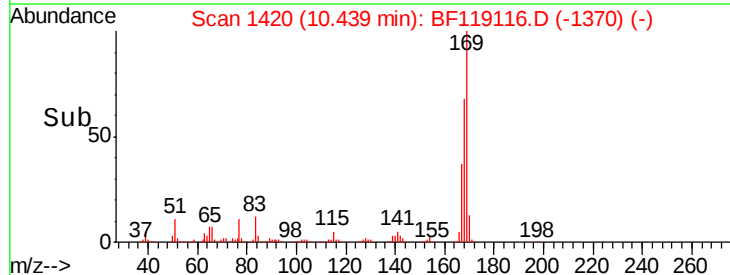
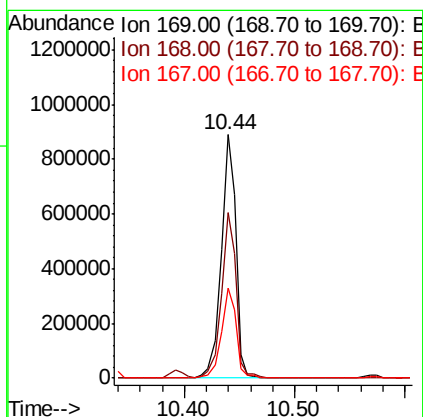
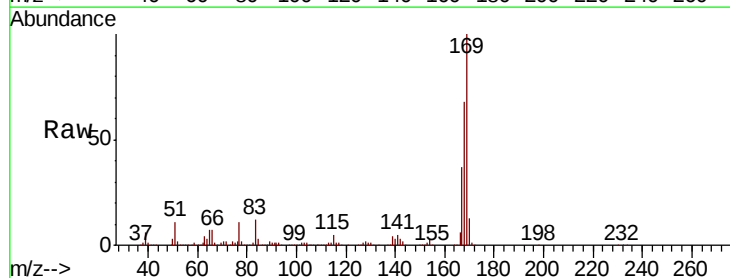
Instrument :
BNA_F
ClientSampleId :

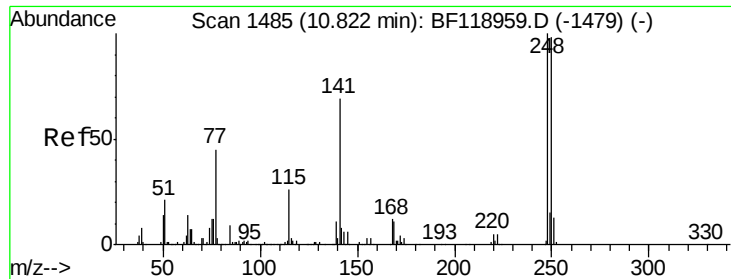
Tot Ion	198	Resp	119488
Ion Ratio	100	Lower	Upper
51	31.1	14.2	54.2
105	40.5	22.7	62.7



#66
n-Nitrosodiphenylamine
Concen: 49.649 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	169	Resp	815447
Ion Ratio	100	Lower	Upper
168	68.1	54.1	81.1
167	37.1	29.4	44.0

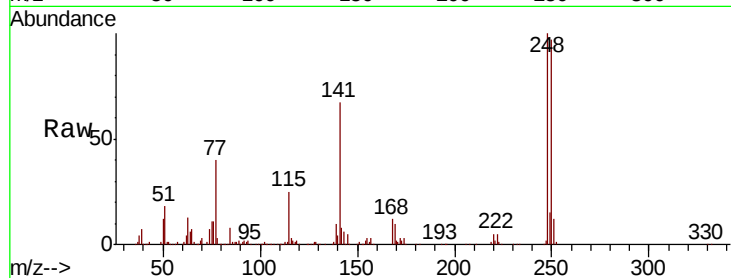




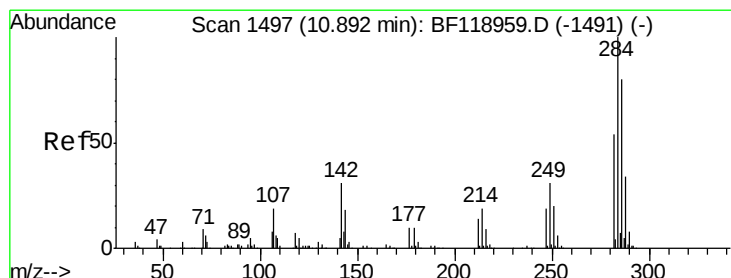
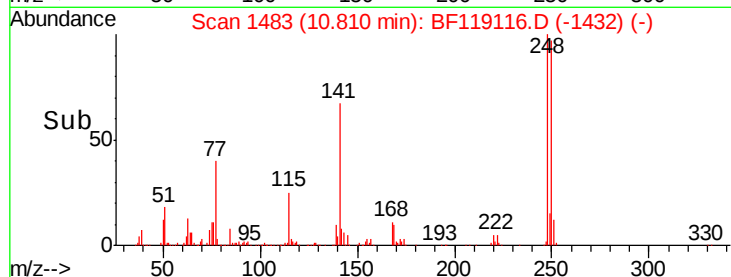
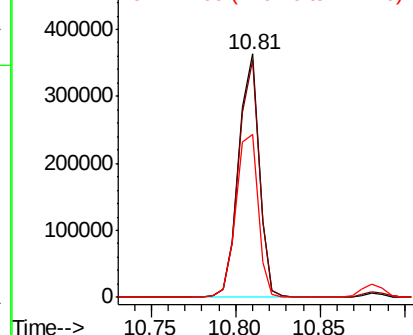
#67
4-Bromophenyl-phenylether
Concen: 47.094 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 308776
Ion Ratio Lower Upper
248 100
250 97.3 76.7 115.1
141 66.7 60.7 91.1

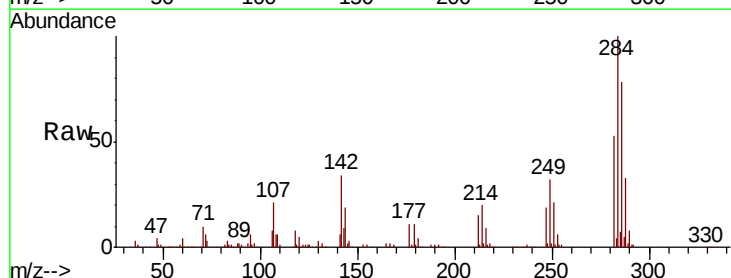


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

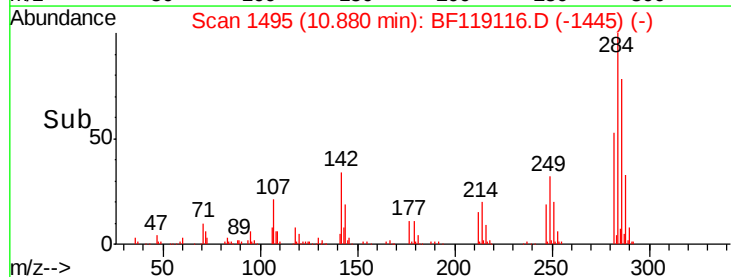
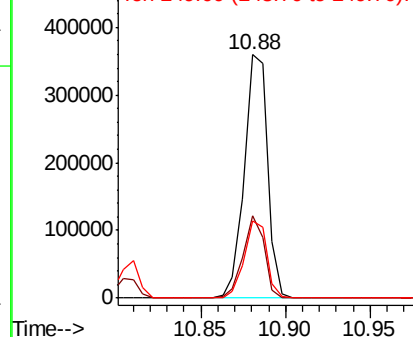


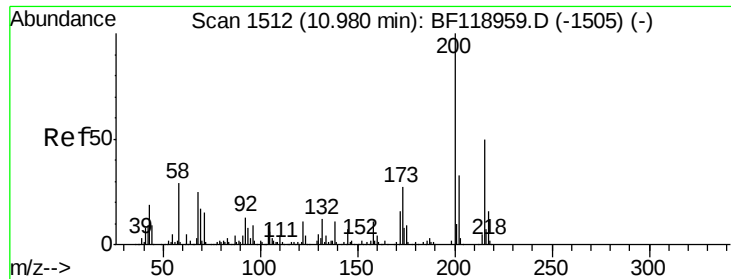
#68
Hexachlorobenzene
Concen: 45.752 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion:284 Resp: 345862
Ion Ratio Lower Upper
284 100
142 33.8 23.7 35.5
249 31.7 25.0 37.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

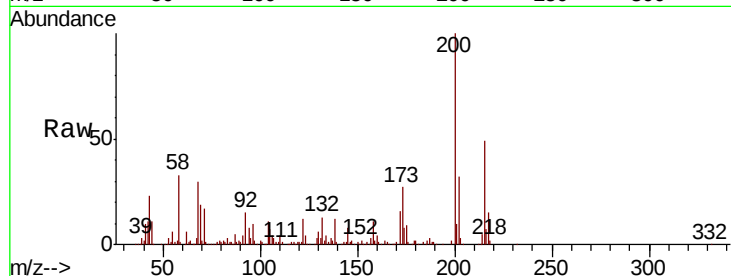




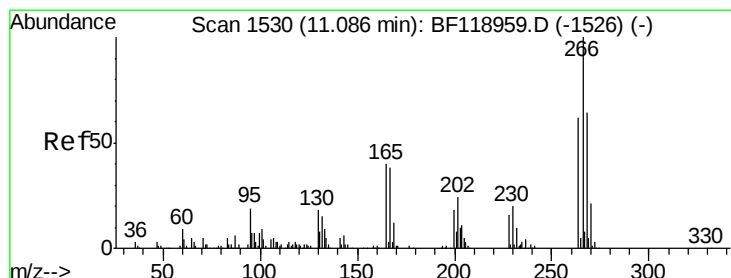
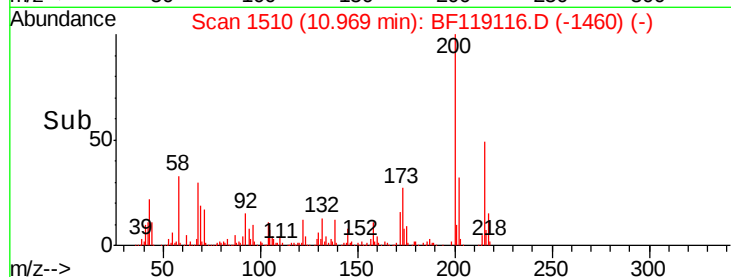
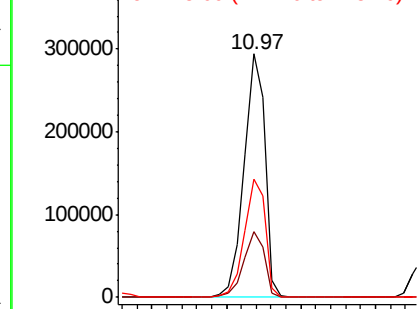
#69
Atrazine
Concen: 50.125 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.4	46.4
215	48.6	27.4	67.4

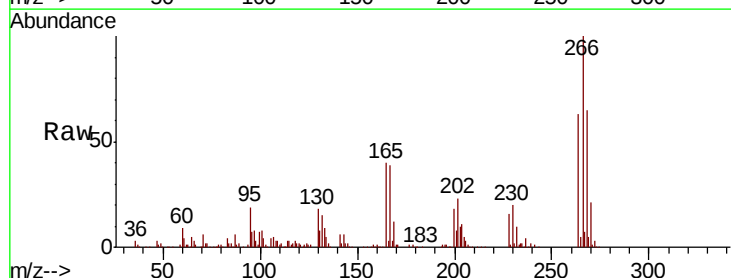


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

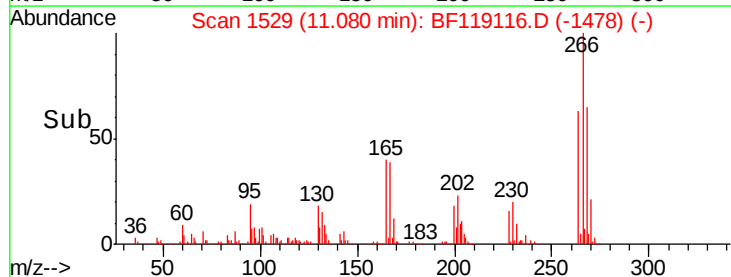
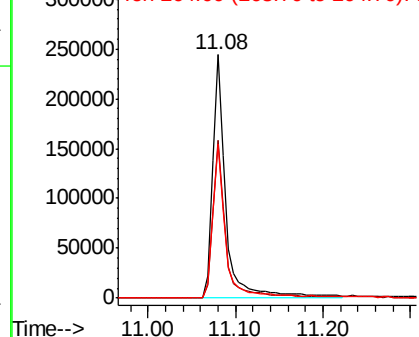


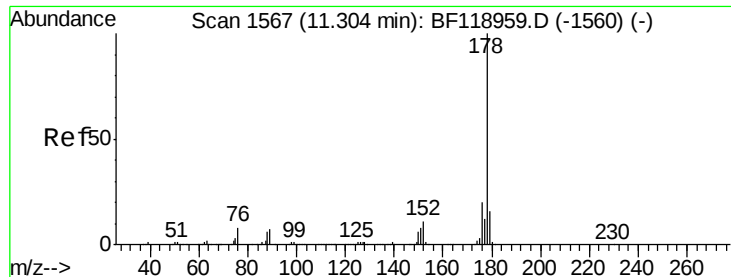
#70
Pentachlorophenol
Concen: 85.331 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	63.3	51.0	76.4



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





#71

Phenanthrene

Concen: 47.412 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

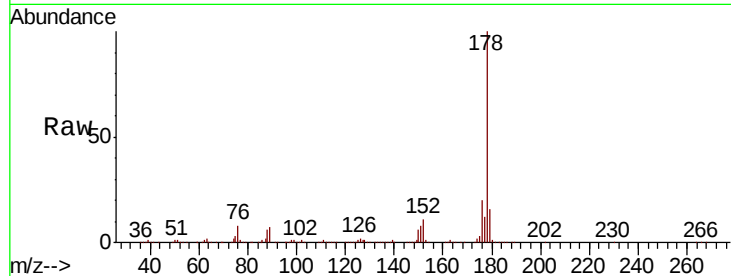
Tot Ion:178 Resp: 1296946

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

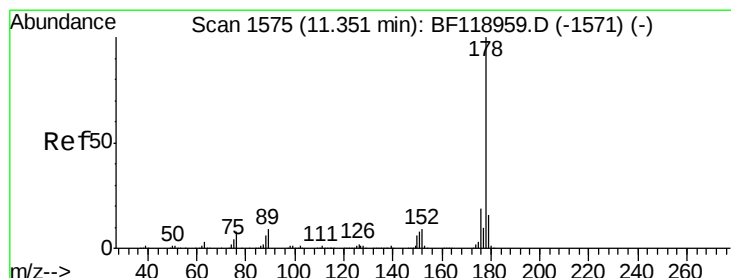
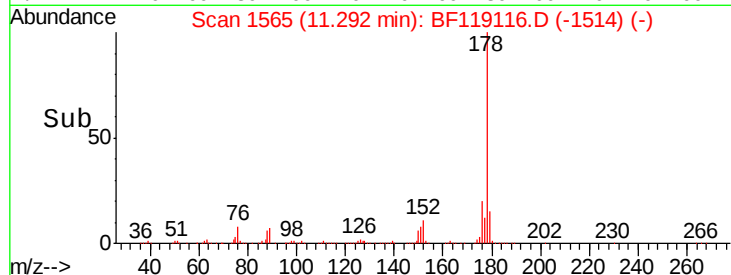
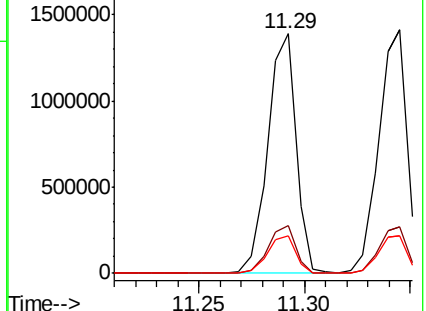
179 15.7 13.0 19.6



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: 49.132 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

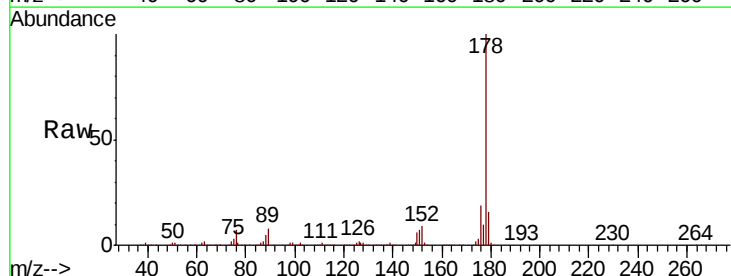
Tgt Ion:178 Resp: 1342885

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

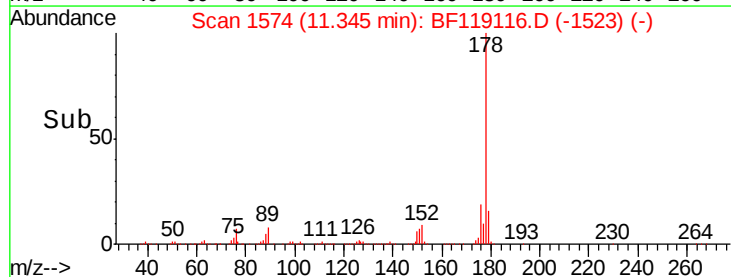
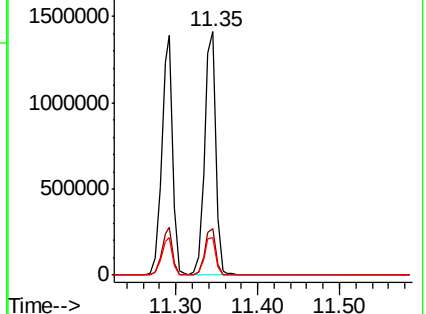
179 15.6 13.1 19.7

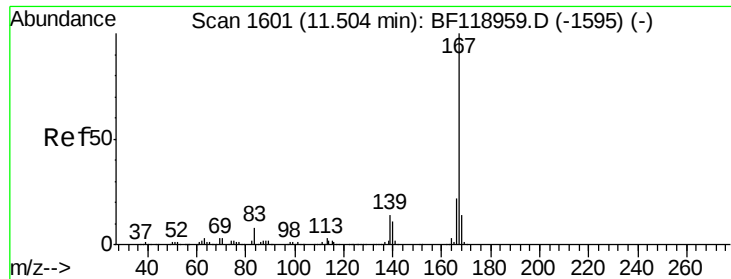


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

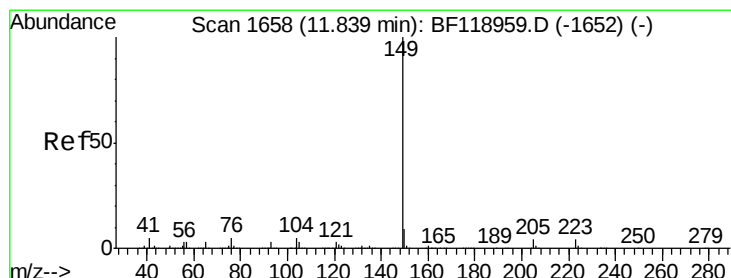
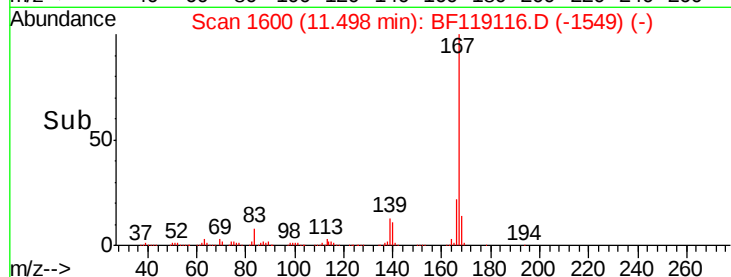
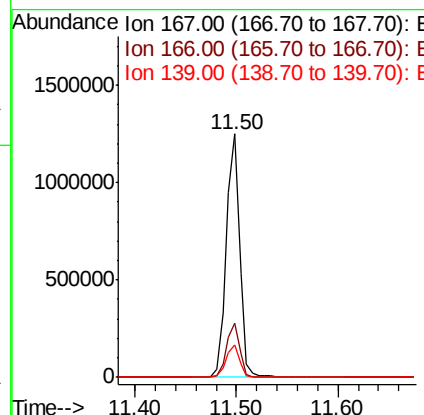
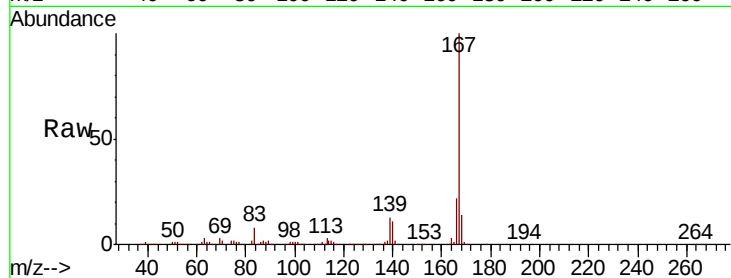




#73
 Carbazole
 Concen: 47.099 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

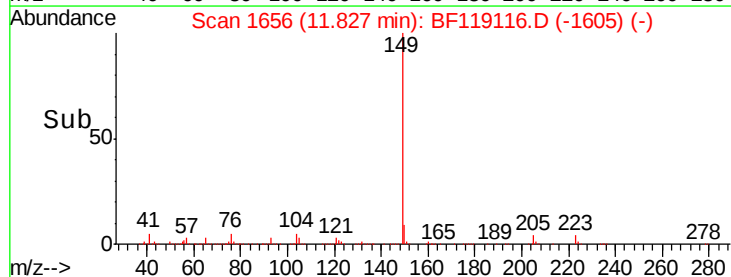
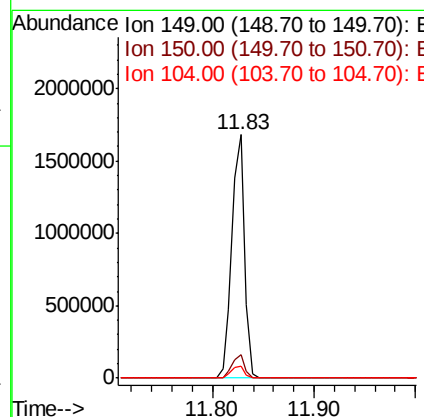
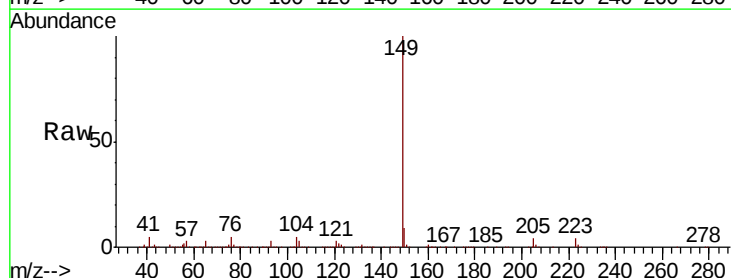
Instrument :
 BNA_F
 ClientSampleId :

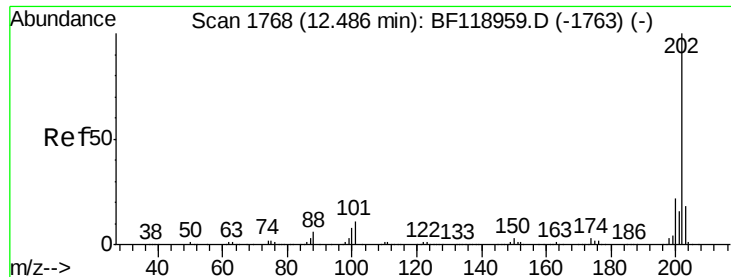
Tot Ion:167 Resp: 1146850
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.4
 139 13.1 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 49.739 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion:149 Resp: 1466675
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.9 11.9
 104 4.9 4.6 6.8



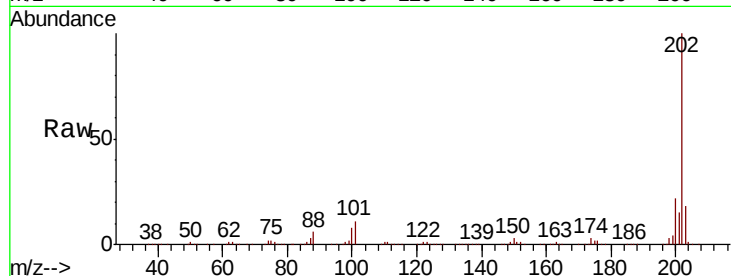


#75
 Fluoranthene
 Concen: 44.991 ng
 RT: 12.47 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

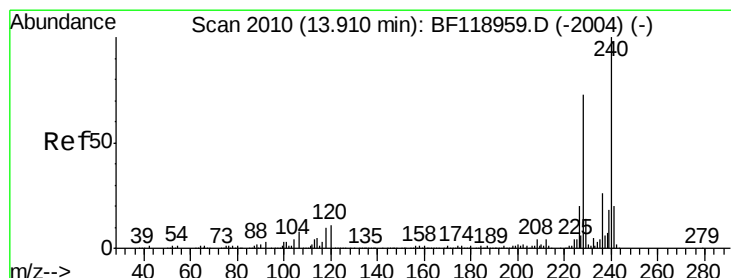
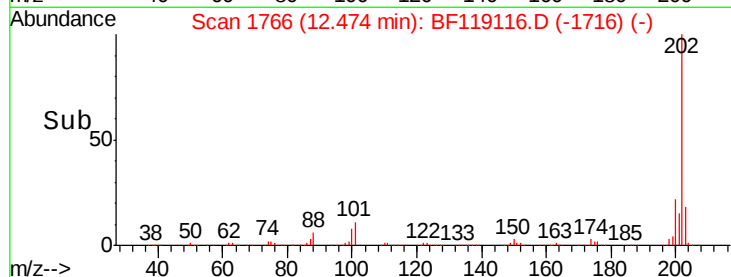
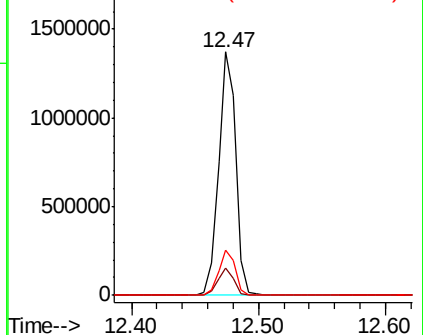
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1306384

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.3
203	18.4	0.0	38.4



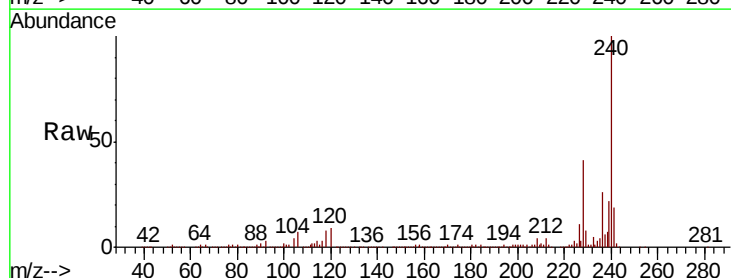
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



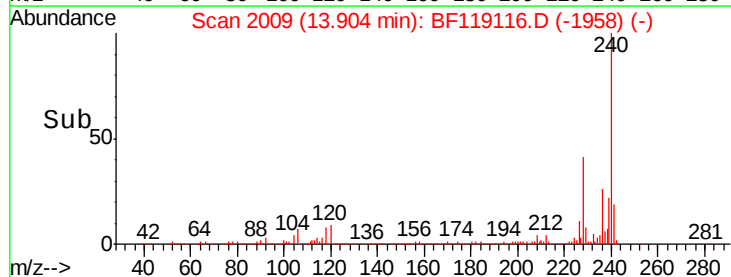
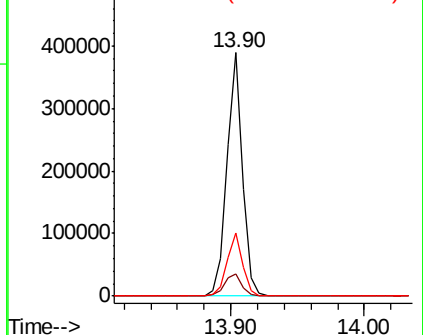
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF119116.D
 Acq: 27 Feb 2020 18:12

Tgt Ion:240 Resp: 322127

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.4	12.6
236	25.8	21.0	31.4



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: 45.298 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

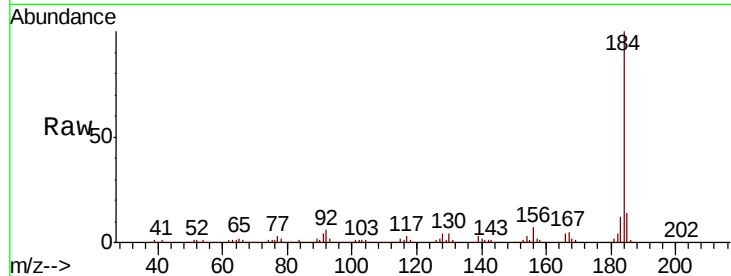
Tot Ion:184 Resp: 593430

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.4

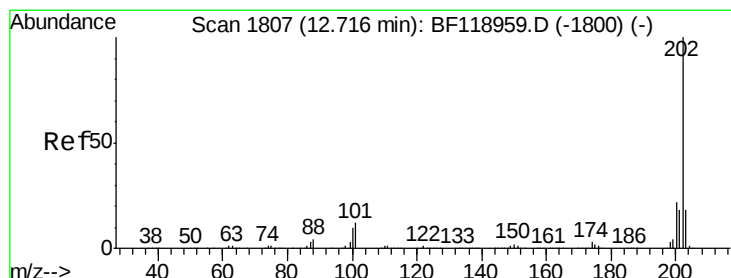
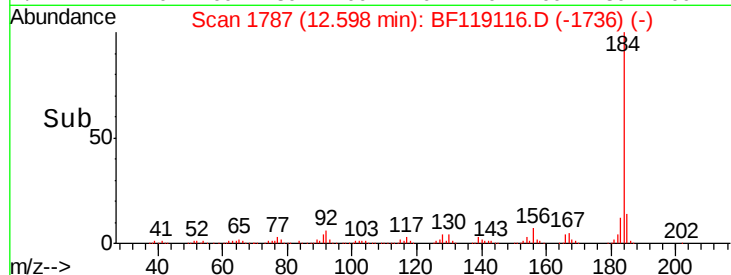
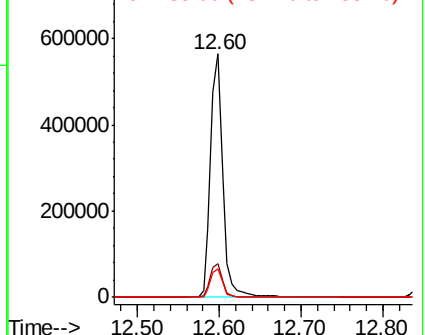
183 12.0 9.9 14.9



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: 49.531 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

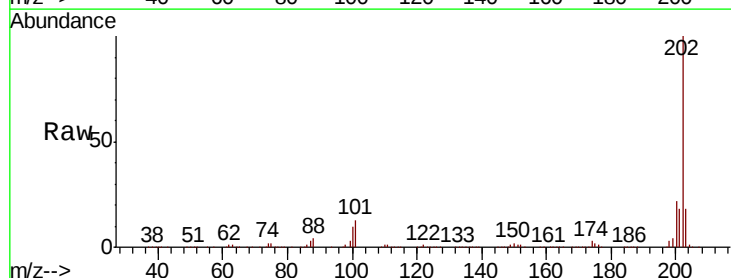
Tgt Ion:202 Resp: 1281179

Ion Ratio Lower Upper

202 100

200 21.7 18.0 27.0

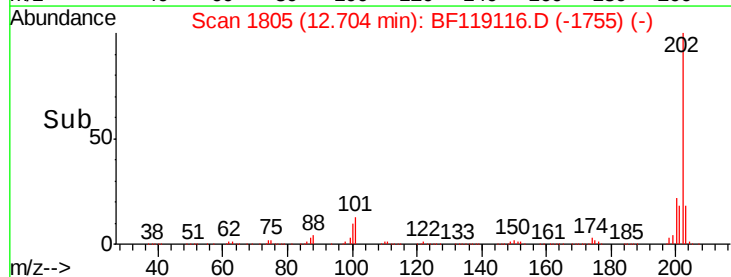
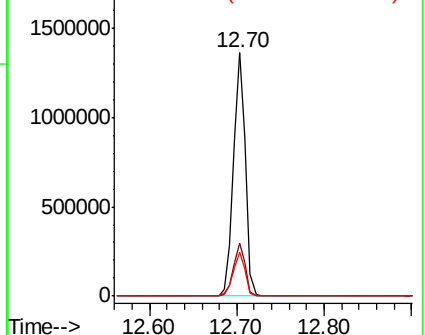
203 18.0 14.6 22.0



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: 73.478 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

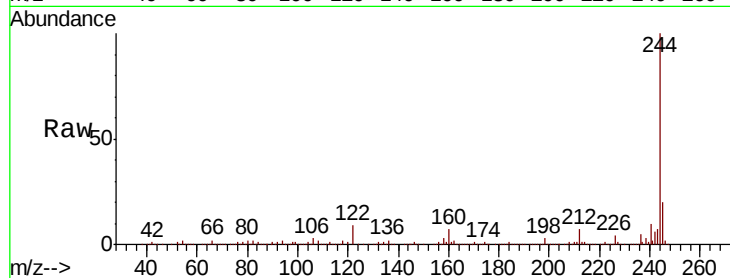
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1374790

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	9.0	8.2	12.2

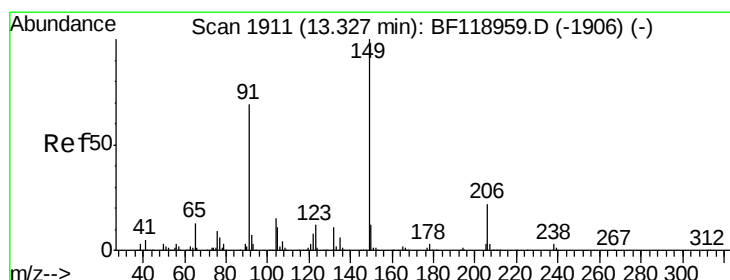
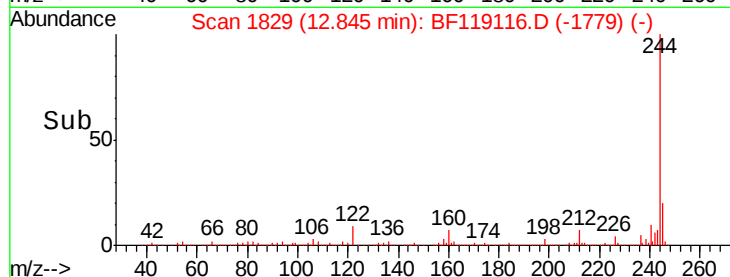
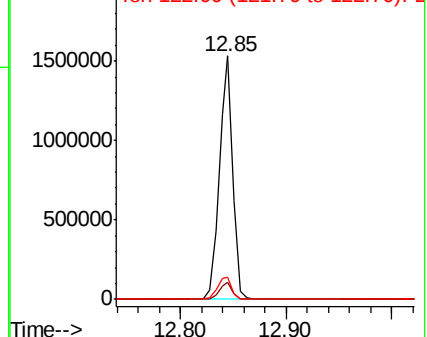


Abundance

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: 51.538 ng

RT: 13.32 min Scan# 1909

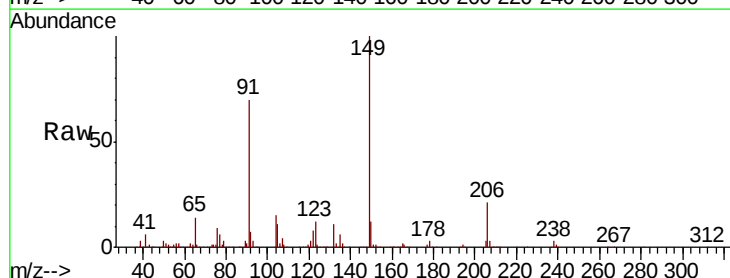
Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Tgt Ion:149 Resp: 561062

Ion	Ratio	Lower	Upper
149	100		
91	70.2	52.3	78.5
206	21.2	18.5	27.7

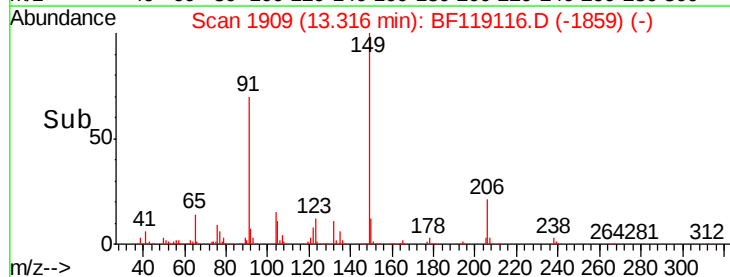
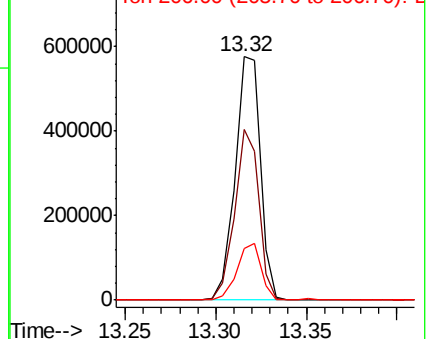


Abundance

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: 48.814 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

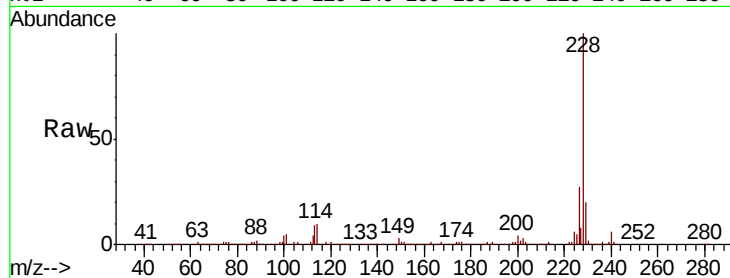
Tot Ion:228 Resp: 1071409

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

229 19.9 16.6 24.8

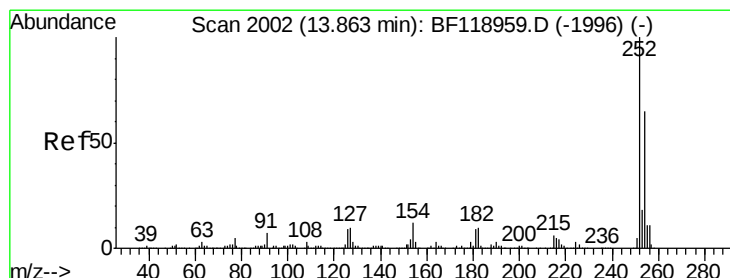
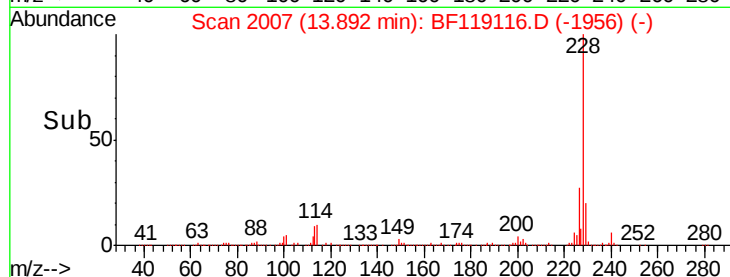
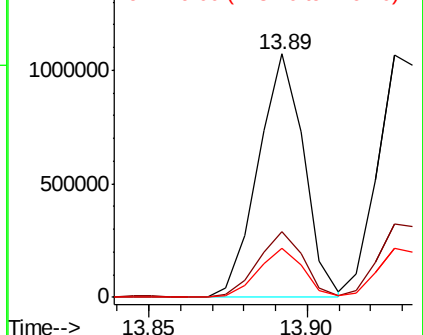


Abundance

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: 43.876 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

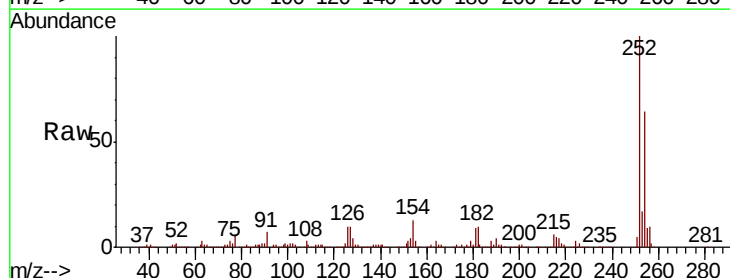
Tgt Ion:252 Resp: 373945

Ion Ratio Lower Upper

252 100

254 64.3 51.6 77.4

126 10.1 7.4 11.0

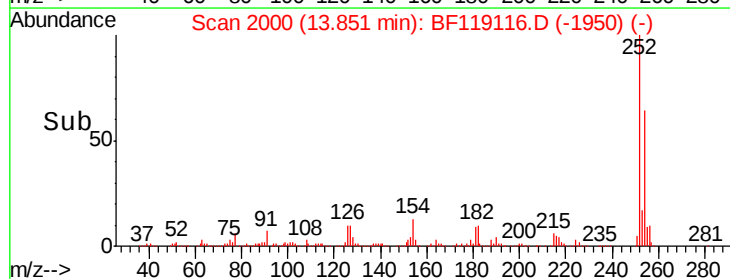
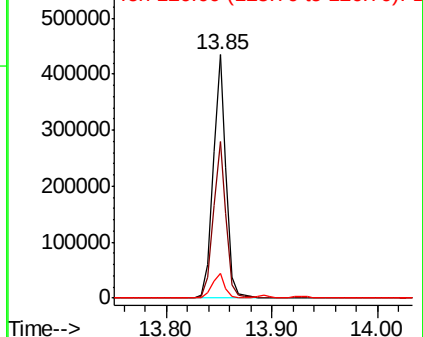


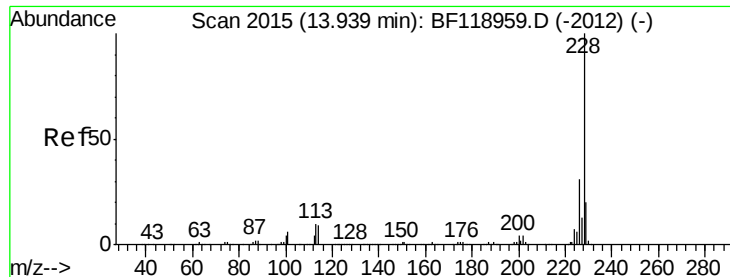
Abundance

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

Chrvsene

Concen: 48.187 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampled :

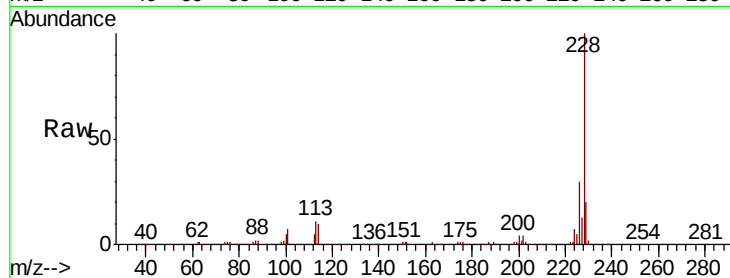
Tot Ion:228 Resp: 1053855

Ion Ratio Lower Upper

228 100

226 30.2 25.1 37.7

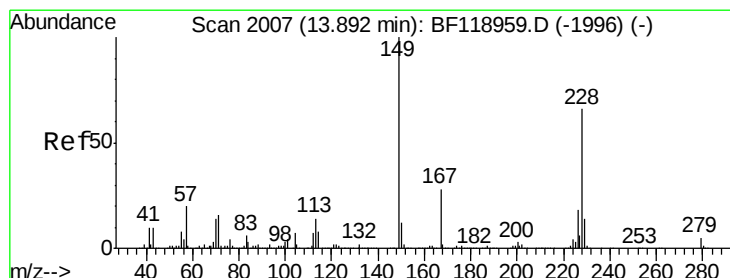
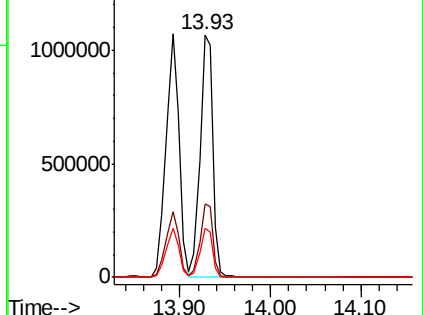
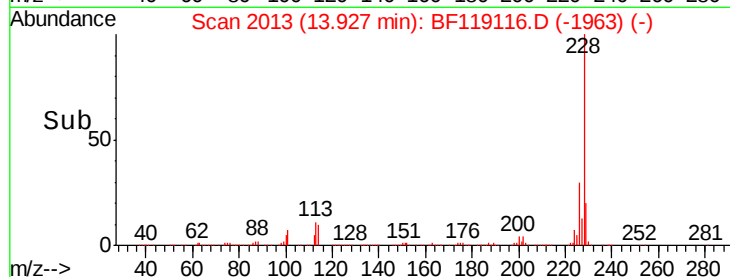
229 20.1 16.3 24.5



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: 55.921 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

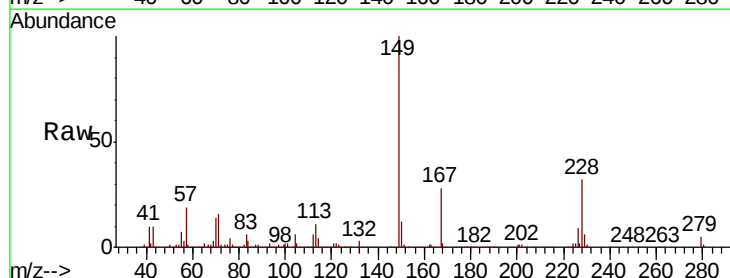
Tgt Ion:149 Resp: 769113

Ion Ratio Lower Upper

149 100

167 28.1 22.8 34.2

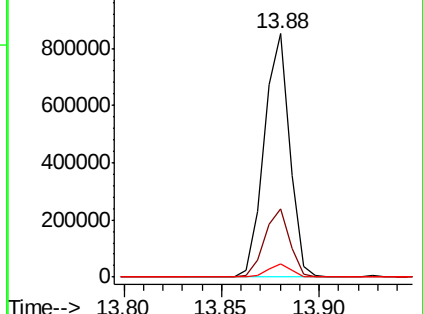
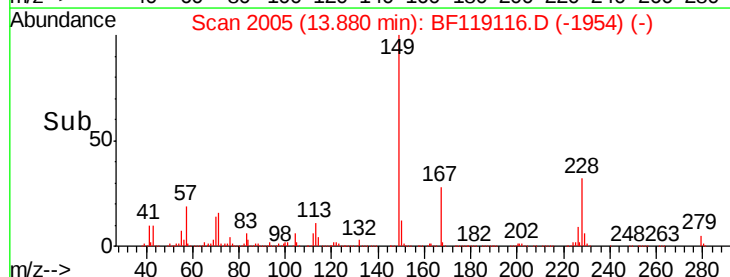
279 5.5 4.6 6.8

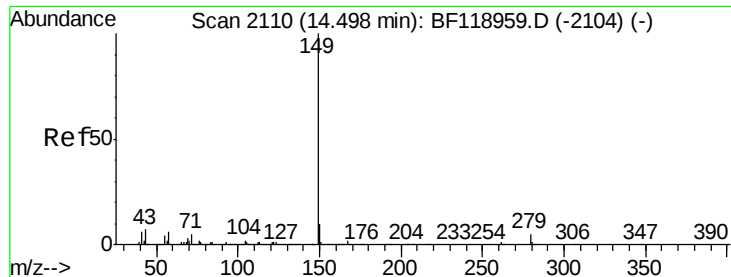


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.209 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

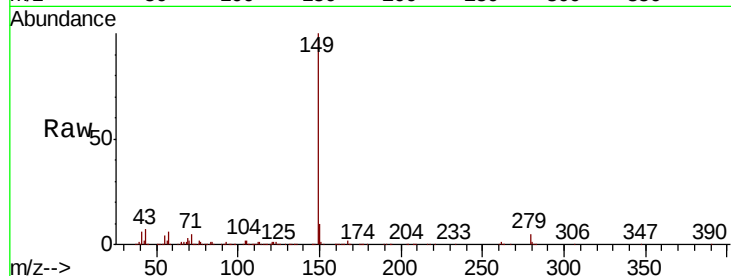
Tot Ion:149 Resp: 1253636

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

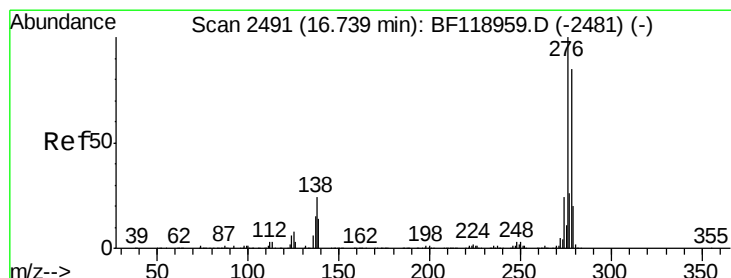
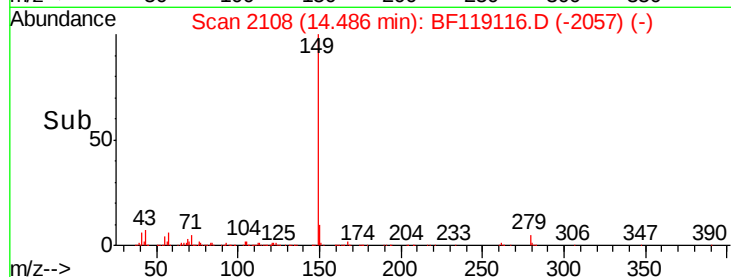
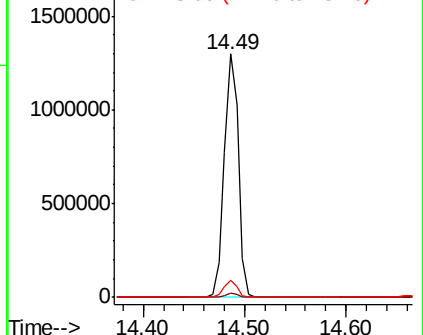
43 6.5 5.7 8.5



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: 59.691 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

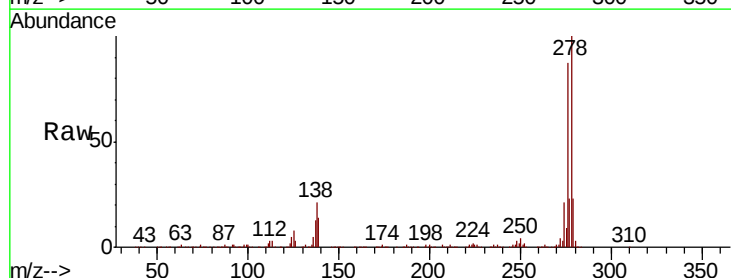
Tgt Ion:276 Resp: 1264022

Ion Ratio Lower Upper

276 100

138 22.0 17.4 26.0

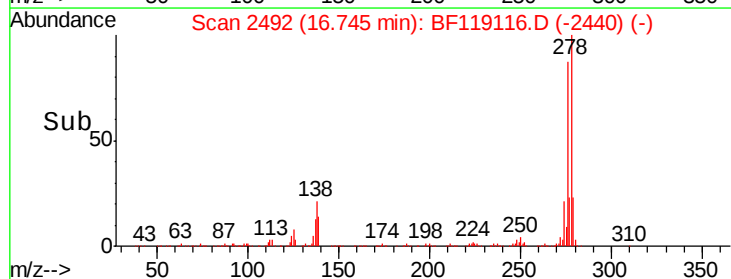
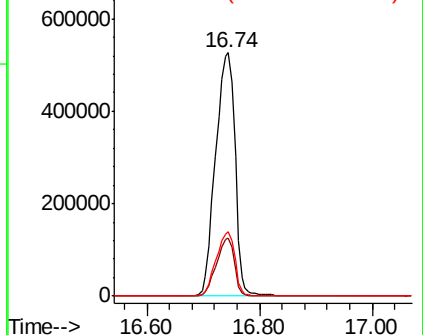
277 25.6 20.3 30.5

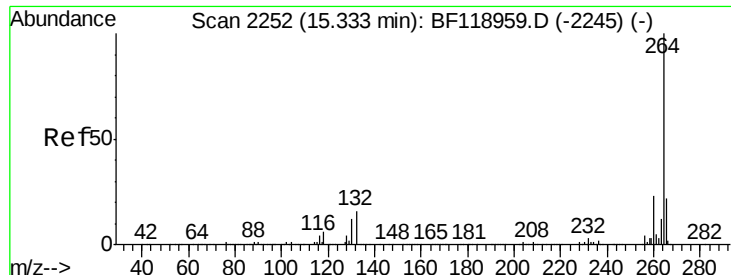


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

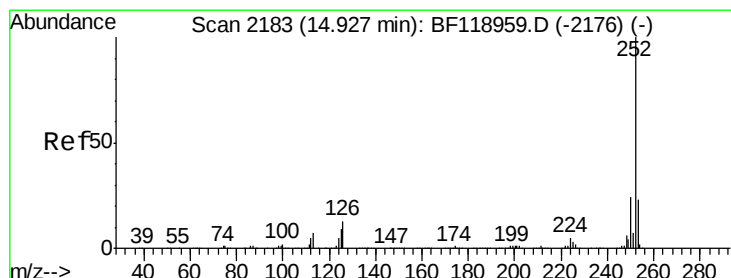
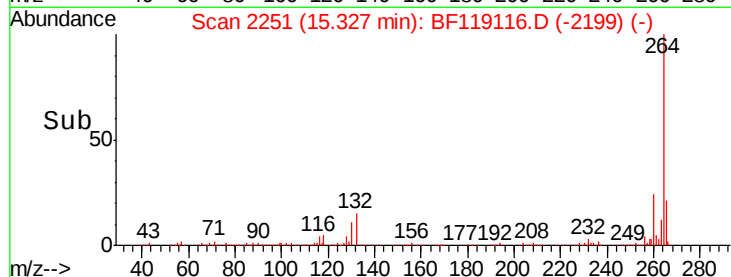
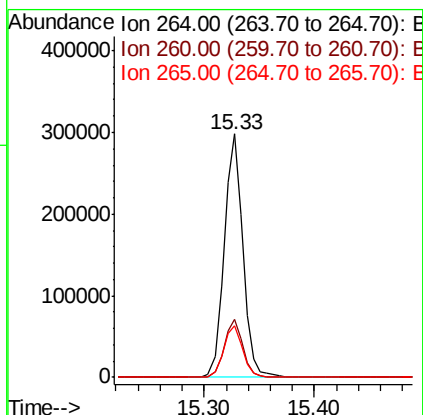
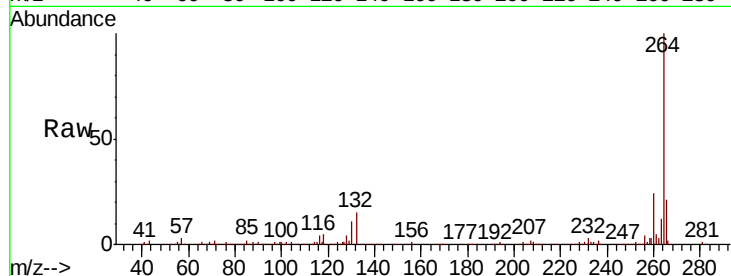




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

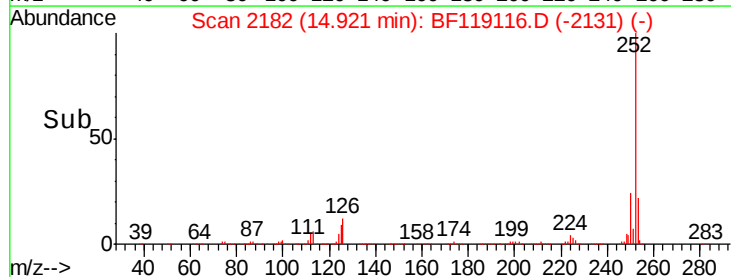
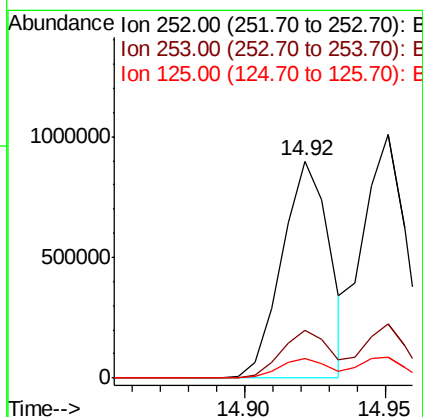
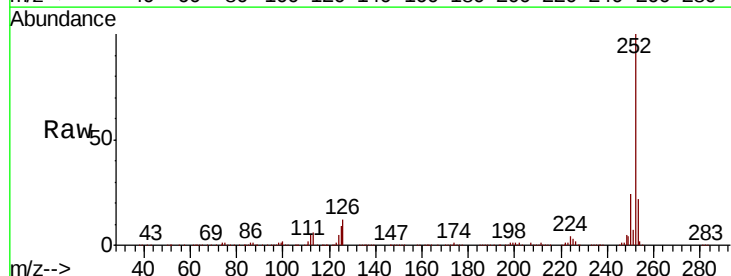
Instrument :
BNA_F
ClientSampleId :

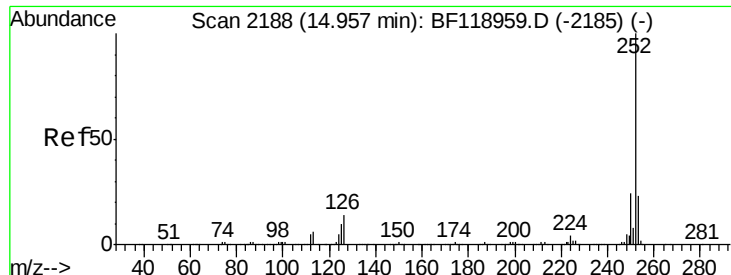
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.2	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 45.121 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	9.1	7.4	11.0

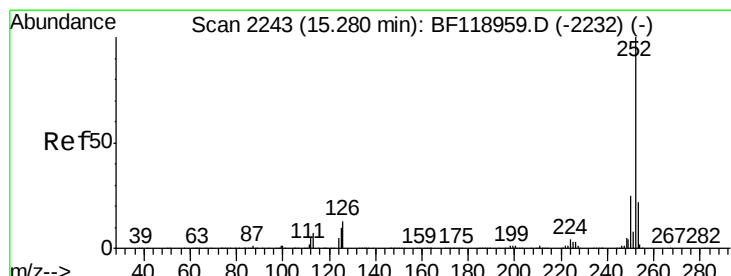
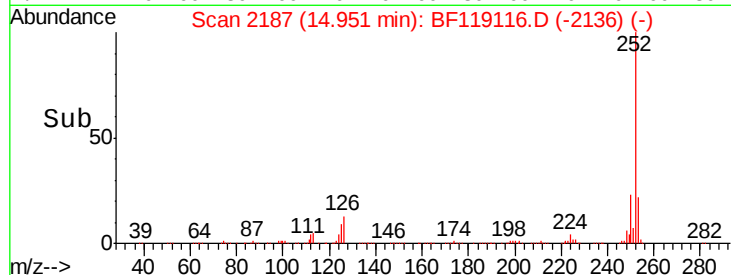
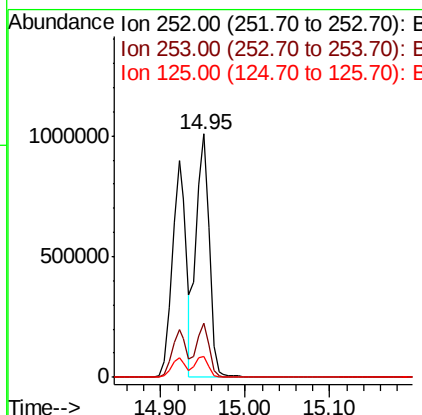
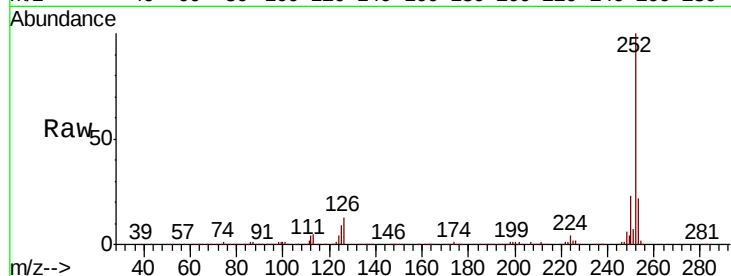




#89
Benzo(k)fluoranthene
Concen: 49.584 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

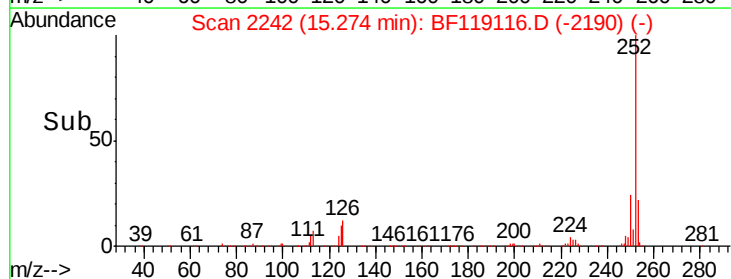
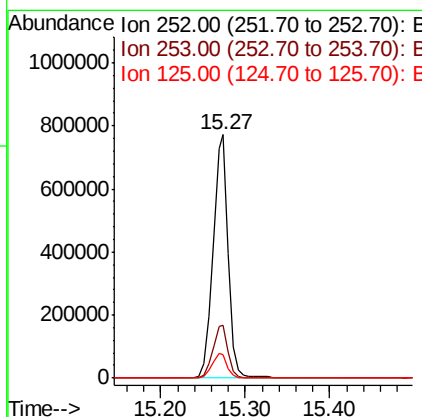
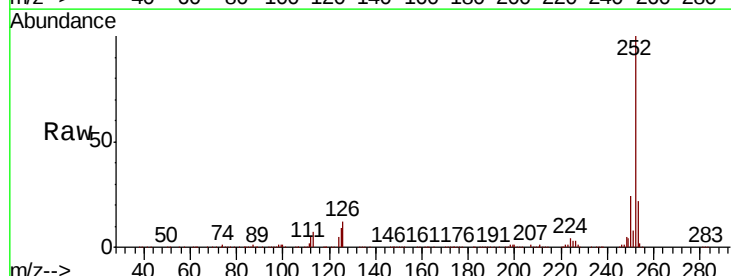
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1069090
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 8.8 7.5 11.3



#90
Benzo(a)pyrene
Concen: 46.779 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119116.D
Acq: 27 Feb 2020 18:12

Tgt Ion:252 Resp: 982293
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.4 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 57.846 ng

RT: 16.74 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

Instrument :

BNA_F

ClientSampleId :

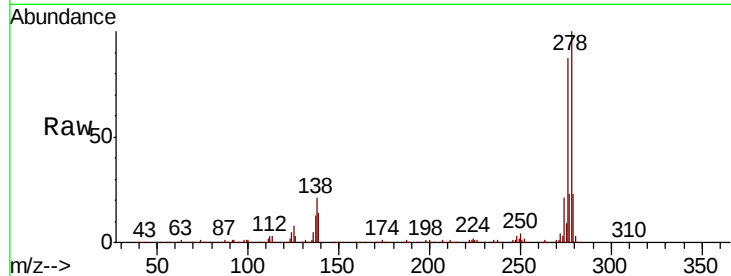
Tot Ion:278 Resp: 1068766

Ion Ratio Lower Upper

278 100

139 14.1 11.0 16.4

279 23.4 18.6 28.0

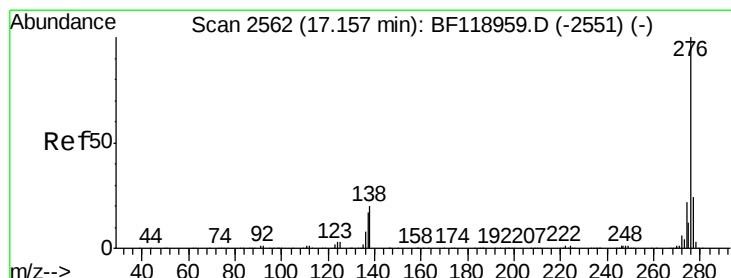
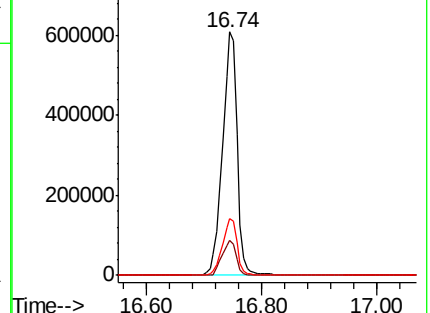
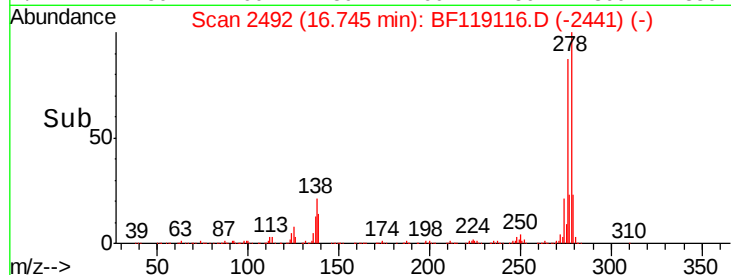


Abundance

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: 58.631 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BF119116.D

Acq: 27 Feb 2020 18:12

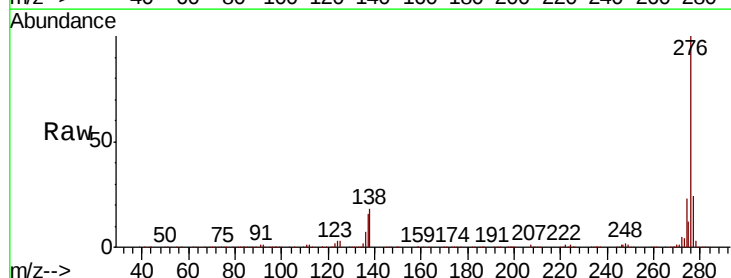
Tgt Ion:276 Resp: 1070326

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 18.1 14.3 21.5



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

