

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118739.D
 Acq On : 29 Jan 2020 18:50
 Operator : CG/JU
 Sample : L1013-12MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:11:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	281297	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1050716	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	565544	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	978786	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	626329	20.00	ng	-0.02
87) Perylene-d12	15.46	264	714798	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1886005	124.52	ng	0.00
7) Phenol-d6	6.49	99	2131111	108.26	ng	0.00
23) Nitrobenzene-d5	7.41	82	1635398	87.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	862439	131.85	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3088908	89.77	ng	-0.01
79) Terphenyl-d14	12.95	244	3304937	115.09	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	295392	40.267	ng	# 86
3) Pyridine	3.51	79	638610	30.886	ng	99
4) n-Nitrosodimethylamine	3.43	42	336049	37.910	ng	95
6) Aniline	6.51	93	325129	12.543	ng	98
8) 2-Chlorophenol	6.64	128	876172	51.539	ng	97
9) Benzaldehyde	6.40	77	394687	32.967	ng	98
10) Phenol	6.50	94	882740	39.348	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	819146	49.214	ng	97
12) 1,3-Dichlorobenzene	6.79	146	962436	48.369	ng	99
13) 1,4-Dichlorobenzene	6.87	146	963244	48.225	ng	99
14) 1,2-Dichlorobenzene	7.02	146	890073	47.403	ng	99
15) Benzyl Alcohol	6.99	79	738499	47.306	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	945369	40.776	ng	98
17) 2-Methylphenol	7.10	107	685529	48.411	ng	99
18) Hexachloroethane	7.36	117	339767	46.911	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	567855	42.721	ng	100
20) 3+4-Methylphenols	7.26	107	779169	45.067	ng	# 83
22) Acetophenone	7.26	105	1097638	44.099	ng	97
24) Nitrobenzene	7.43	77	873297	45.403	ng	99
25) Isophorone	7.67	82	1593555	46.510	ng	100
26) 2-Nitrophenol	7.75	139	475849	58.013	ng	100
27) 2,4-Dimethylphenol	7.79	122	729660	51.515	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	988519	44.776	ng	99
29) 2,4-Dichlorophenol	7.99	162	747367	47.732	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	851445	46.899	ng	100
31) Naphthalene	8.15	128	2396957	50.500	ng	99
32) Benzoic acid	7.90	122	460134	43.286	ng	98
33) 4-Chloroaniline	8.19	127	157663	7.187	ng	97
34) Hexachlorobutadiene	8.27	225	508901	46.030	ng	99
35) Caprolactam	8.56	113	104633	20.420	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	743176	48.065	ng	98
37) 2-Methylnaphthalene	8.85	142	1672819	49.930	ng	99
38) 1-Methylnaphthalene	8.95	142	1579483	49.623	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	816065	46.117	ng	99

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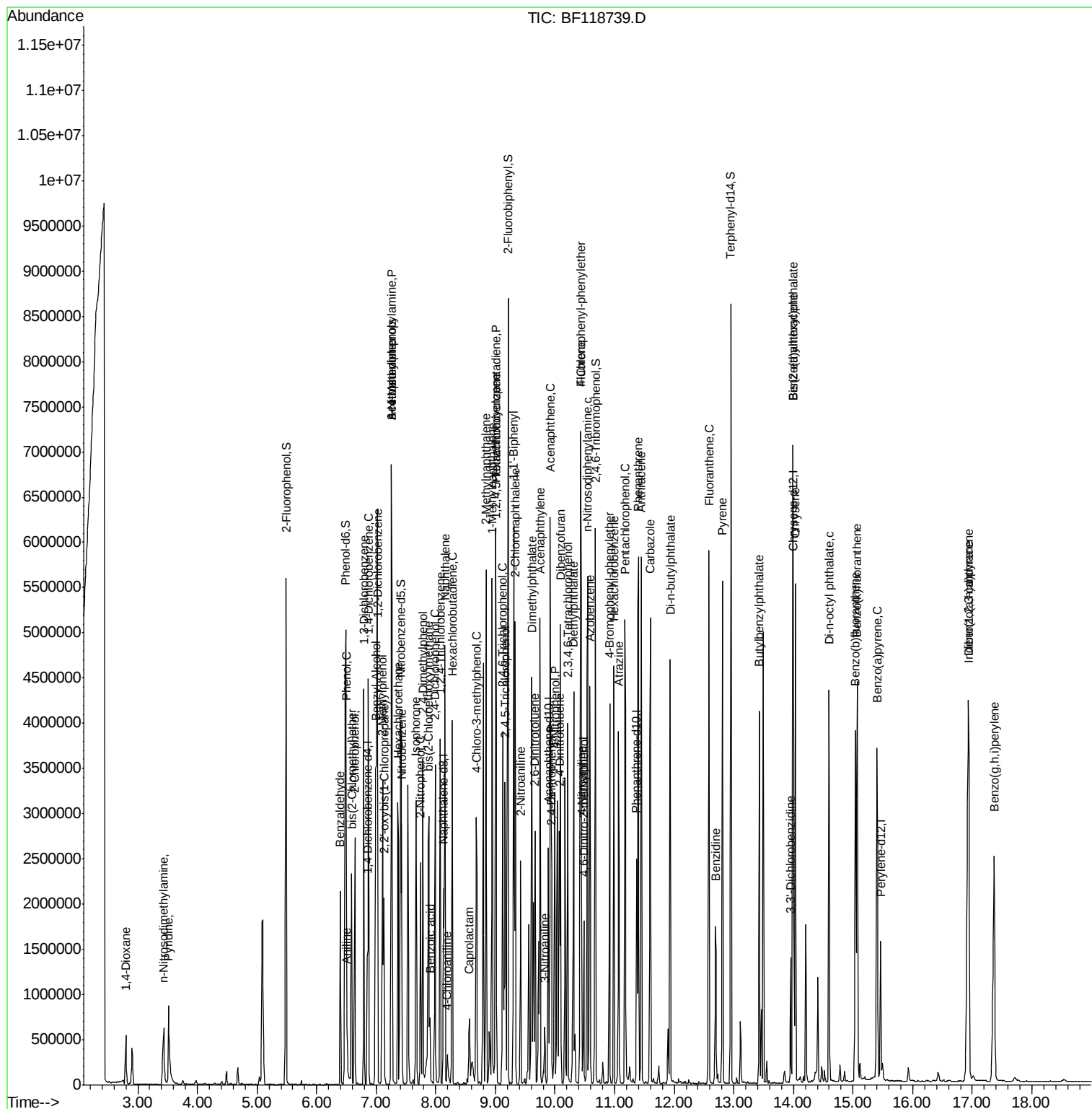
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	805422	90.213	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	578822	49.293	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	589325	49.141	nq	99
46) 1,1'-Biphenyl	9.31	154	1980629	50.815	nq	99
47) 2-Chloronaphthalene	9.33	162	1604585	48.842	nq	99
48) 2-Nitroaniline	9.42	65	427838	42.365	nq	99
49) Acenaphthylene	9.75	152	2425489	52.480	nq	99
50) Dimethylphthalate	9.61	163	1935667	52.534	nq	99
51) 2,6-Dinitrotoluene	9.67	165	438932	53.199	nq	88
52) Acenaphthene	9.92	154	1635733	52.929	nq	100
53) 3-Nitroaniline	9.83	138	111733	11.860	nq	99
54) 2,4-Dinitrophenol	9.94	184	367793	111.657	nq	# 90
55) Dibenzofuran	10.09	168	2186865	51.062	nq	100
56) 4-Nitrophenol	10.00	139	601272	84.541	nq	98
57) 2,4-Dinitrotoluene	10.07	165	573035	55.092	nq	92
58) Fluorene	10.43	166	1626579	48.379	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	499946	47.397	nq	100
60) Diethylphthalate	10.31	149	1748708	48.949	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	868759	47.509	nq	98
62) 4-Nitroaniline	10.45	138	365642	37.835	nq	94
63) Azobenzene	10.59	77	1572353	45.446	nq	100
65) 4,6-Dinitro-2-methylphenol	10.48	198	277279	64.424	nq	95
66) n-Nitrosodiphenylamine	10.55	169	1501879	50.880	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	584463	48.333	nq	99
68) Hexachlorobenzene	10.99	284	657131	47.932	nq	99
69) Atrazine	11.07	200	527283	51.538	nq	100
70) Pentachlorophenol	11.17	266	693604	90.995	nq	98
71) Phenanthrene	11.40	178	2376697	50.332	nq	100
72) Anthracene	11.45	178	2454396	52.529	nq	100
73) Carbazole	11.60	167	2080178	48.537	nq	100
74) Di-n-butylphthalate	11.93	149	2482786	52.142	nq	99
75) Fluoranthene	12.58	202	2409616	48.382	nq	100
77) Benzidine	12.69	184	672239	40.170	nq	99
78) Pyrene	12.81	202	2403838	56.531	nq	100
80) Butylbenzylphthalate	13.43	149	990519	56.918	nq	99
81) Benzo(a)anthracene	14.00	228	1950797	51.777	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	288343	21.477	nq	99
83) Chrysene	14.03	228	1896668	52.525	nq	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1307369	61.490	nq	99
85) Di-n-octyl phthalate	14.60	149	2199642	69.895	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2641764	84.198	nq	100
88) Benzo(b)fluoranthene	15.04	252	2242511	49.911	nq	99
89) Benzo(k)fluoranthene	15.07	252	1828176	43.919	nq	99
90) Benzo(a)pyrene	15.40	252	1922285	49.597	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	2176744	63.492	nq	99
92) Benzo(g,h,i)perylene	17.37	276	2277042	68.405	nq	99

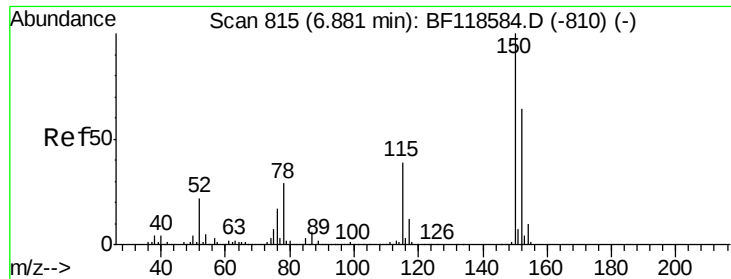
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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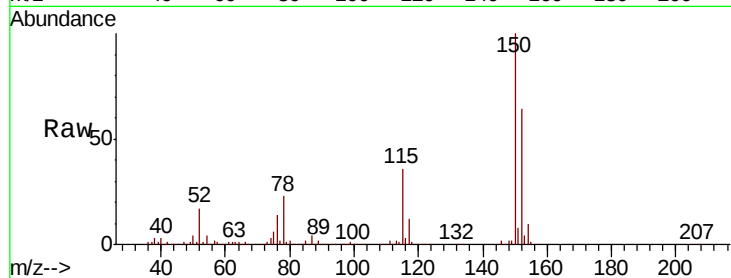


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.7	185.5
115	57.1	45.1	67.7

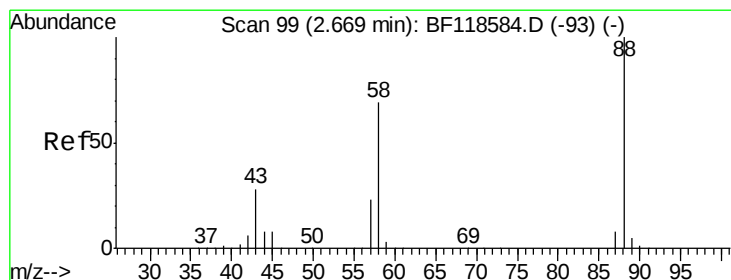
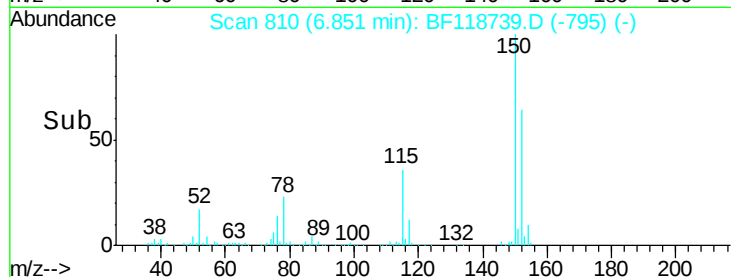
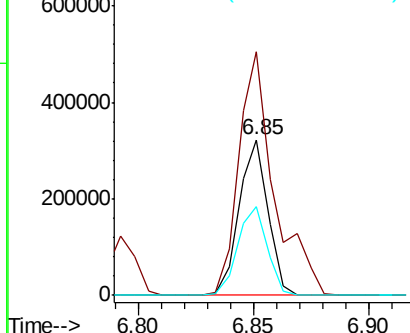


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

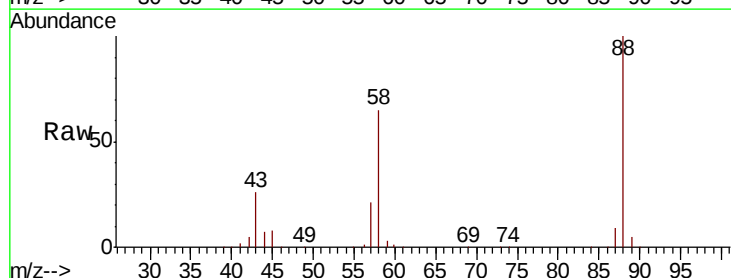
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.267 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.18 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.4	51.9	77.9
43	0.0	19.3	28.9

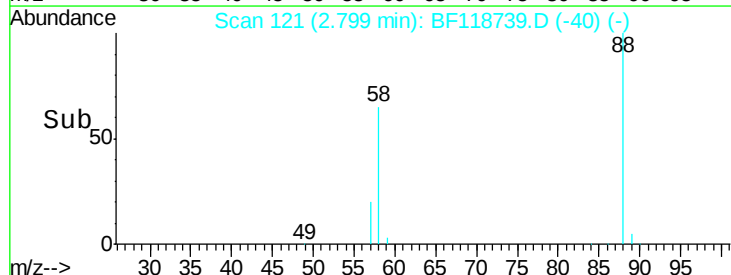
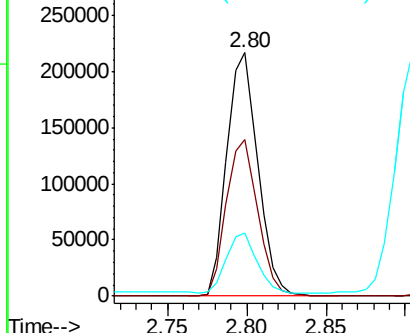


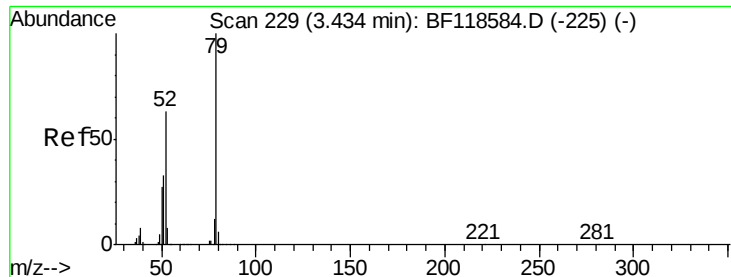
Abundance

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: 30.886 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.13 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

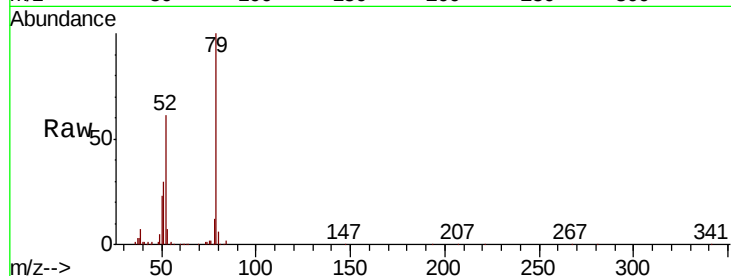
Tot Ion: 79 Resp: 638610

Ion Ratio Lower Upper

79 100

52 60.6 48.8 73.2

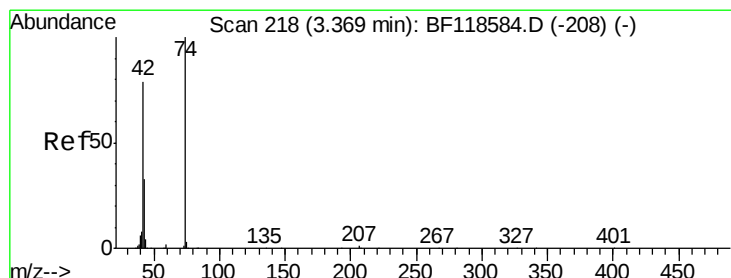
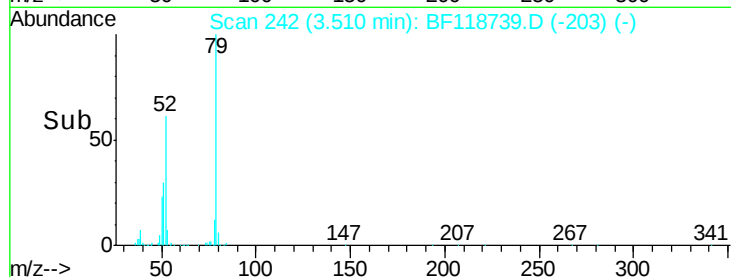
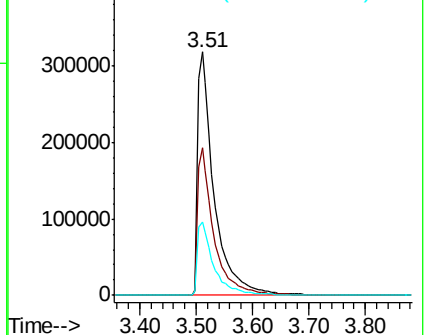
51 30.2 24.4 36.6



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: 37.910 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.11 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

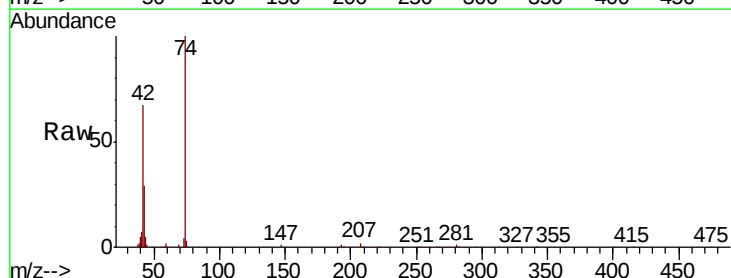
Tgt Ion: 42 Resp: 336049

Ion Ratio Lower Upper

42 100

74 148.2 123.5 185.3

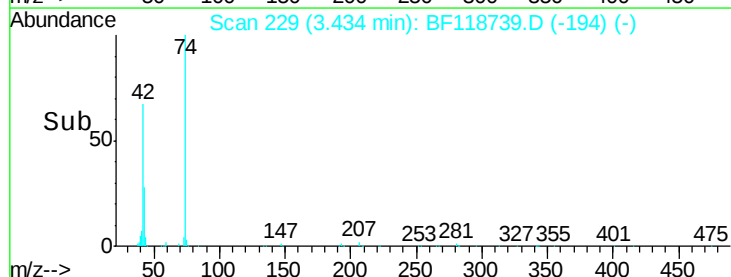
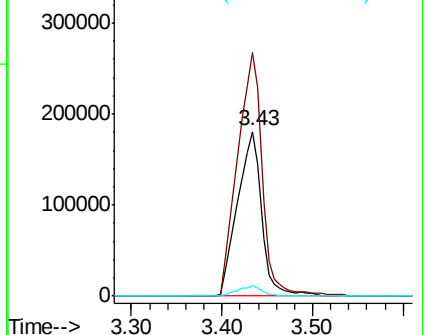
44 6.8 5.6 8.4

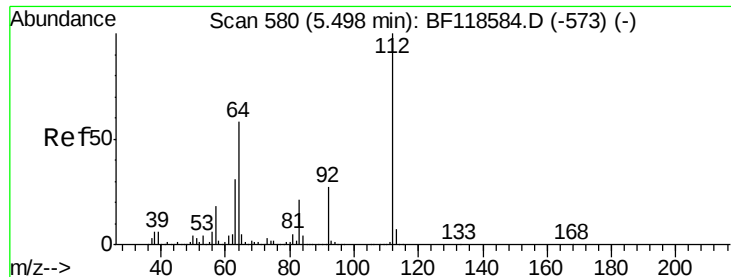


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.523 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

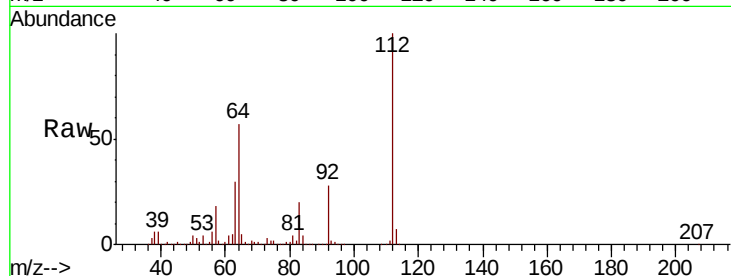
Tot Ion:112 Resp: 1886005

Ion Ratio Lower Upper

112 100

64 56.9 42.4 63.6

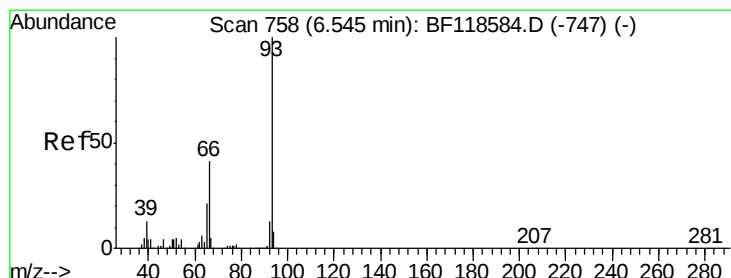
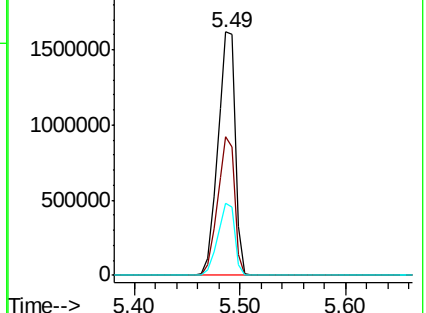
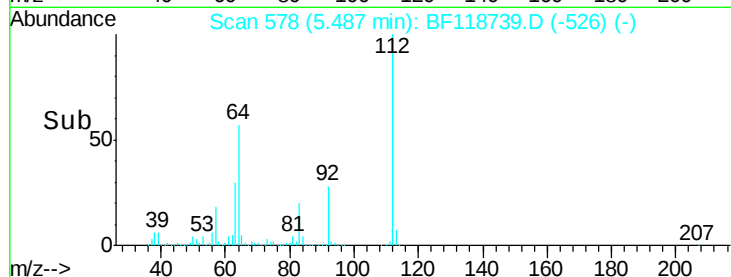
63 29.6 21.7 32.5



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: 12.543 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

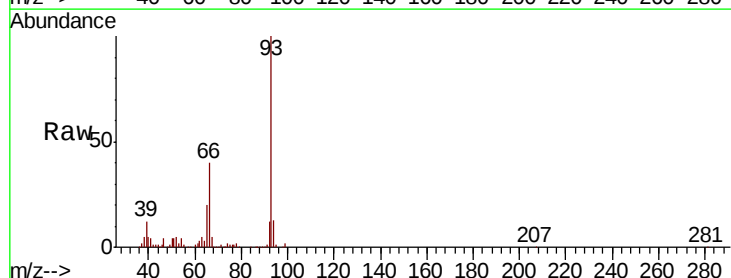
Tgt Ion: 93 Resp: 325129

Ion Ratio Lower Upper

93 100

66 40.1 31.3 46.9

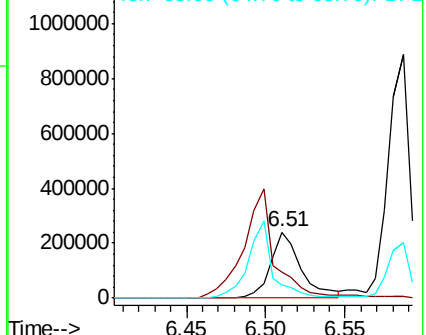
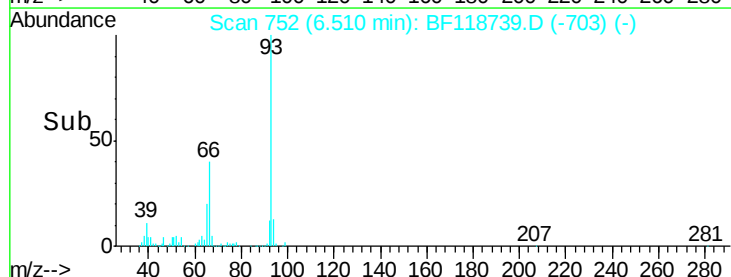
65 20.3 15.3 22.9

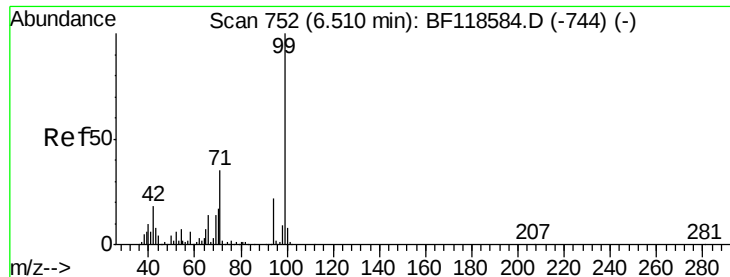


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.257 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

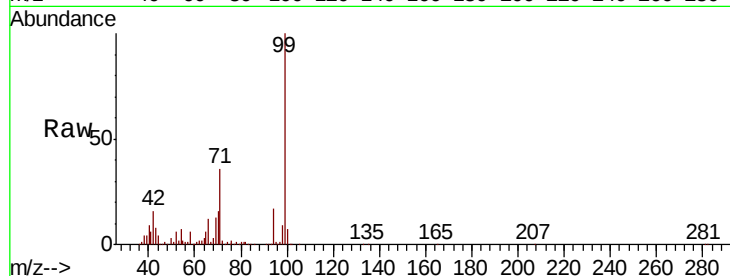
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2131111

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.1	19.7
71	35.6	28.4	42.6

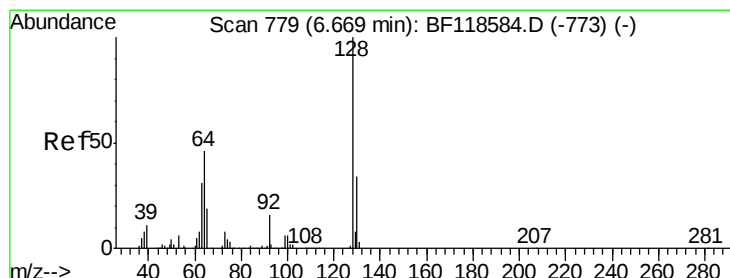
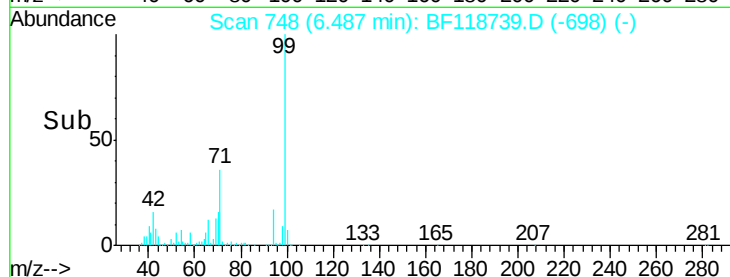
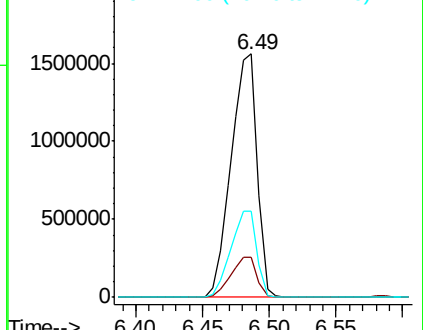


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 51.539 ng

RT: 6.64 min Scan# 774

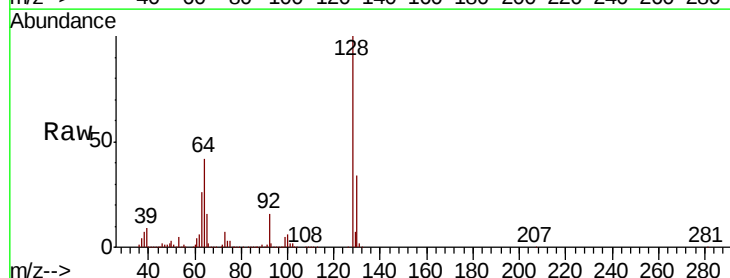
Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Tgt Ion: 128 Resp: 876172

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.8	52.8
64	42.0	24.5	64.5

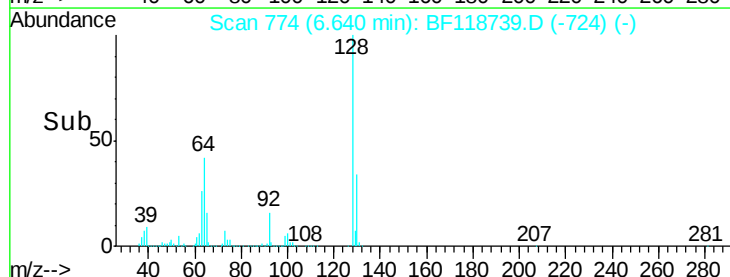
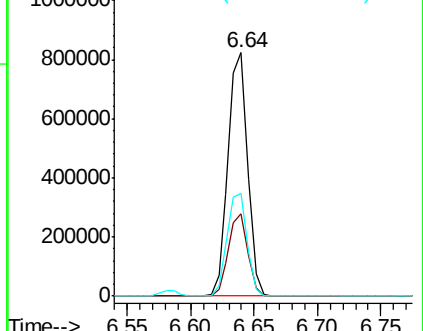


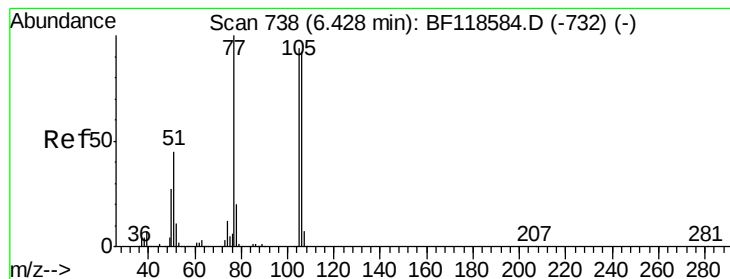
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.967 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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Instrument :

BNA_F

ClientSampleId :

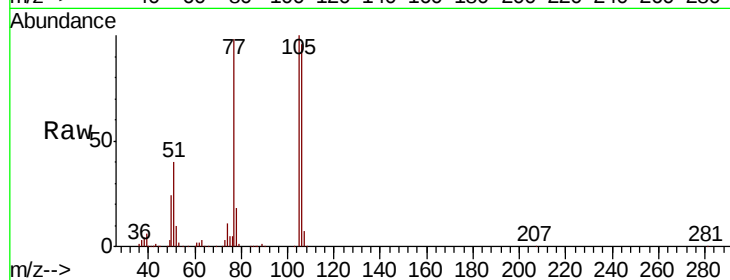
Tot Ion: 77 Resp: 394687

Ion Ratio Lower Upper

77 100

105 102.5 84.3 124.3

106 98.0 80.4 120.4

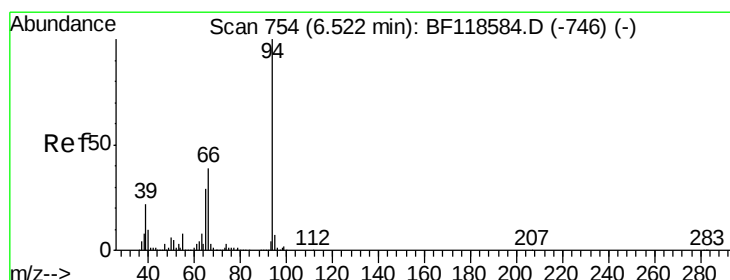
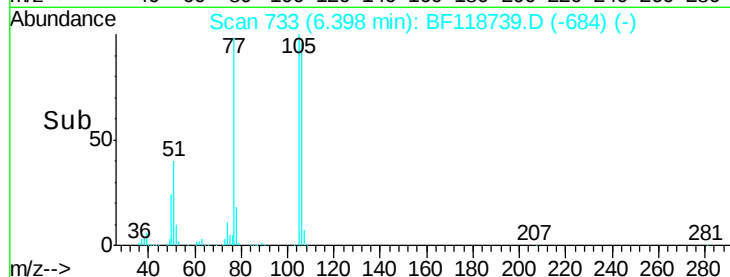
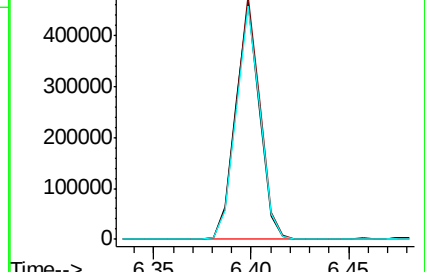


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.40



#10

Phenol

Concen: 39.348 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

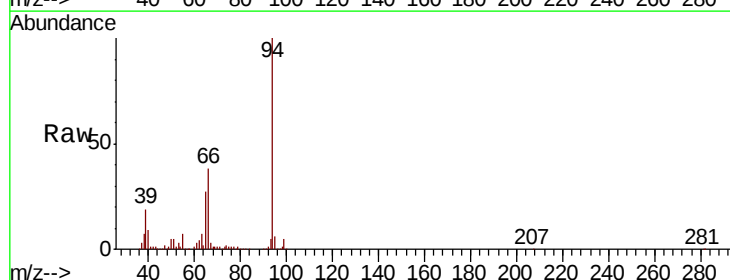
Tgt Ion: 94 Resp: 882740

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

66 37.8 19.1 59.1

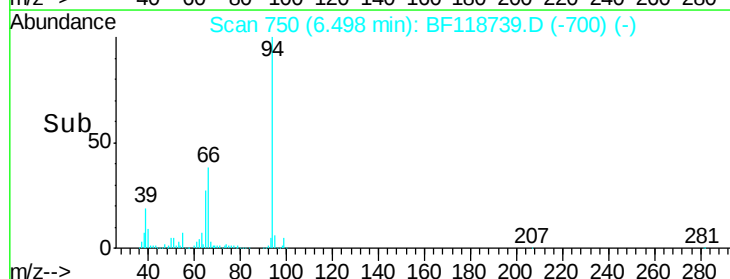
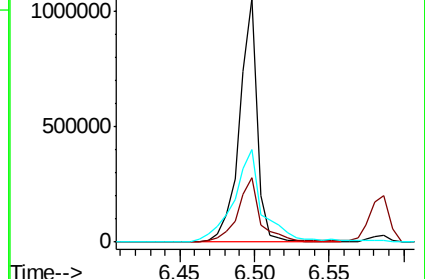


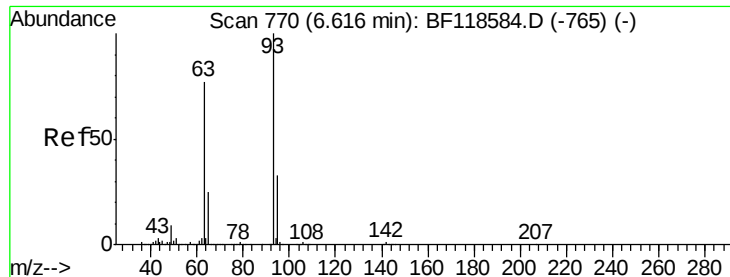
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.50

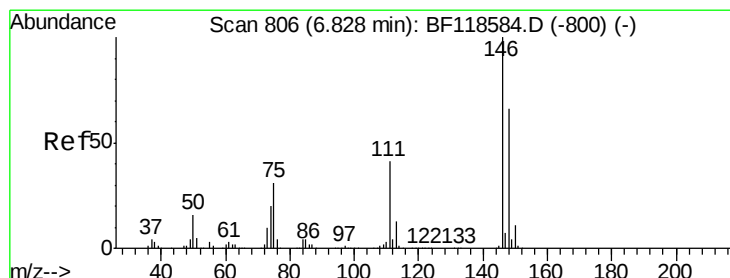
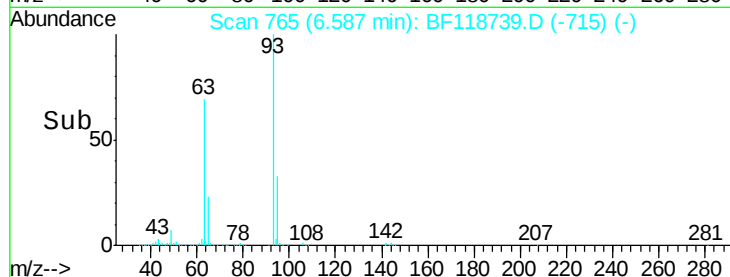
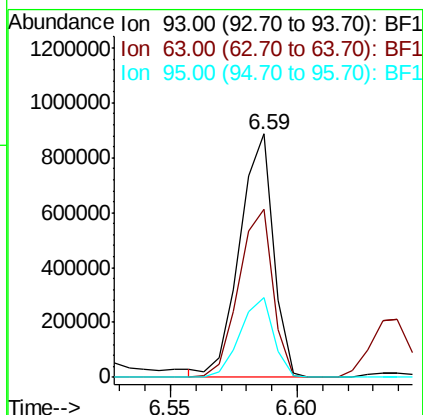
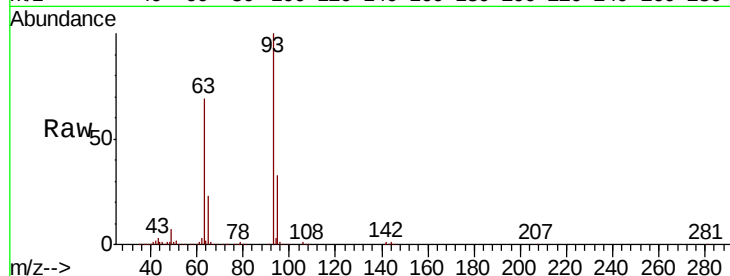




#11
bis(2-Chloroethyl)ether
Concen: 49.214 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

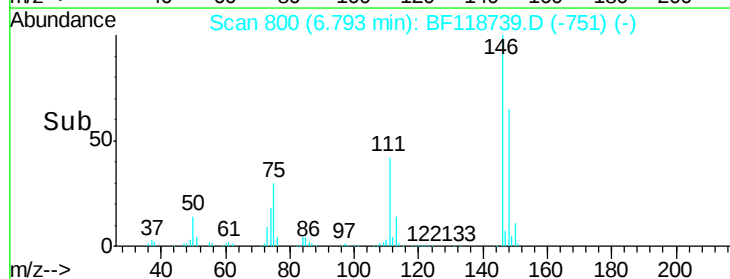
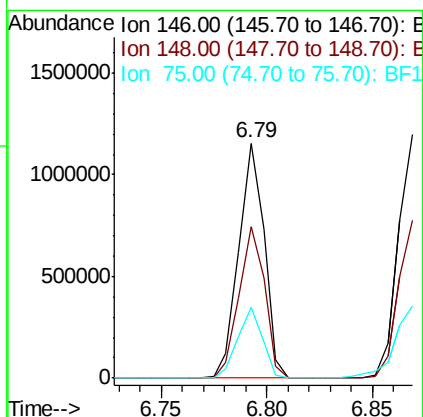
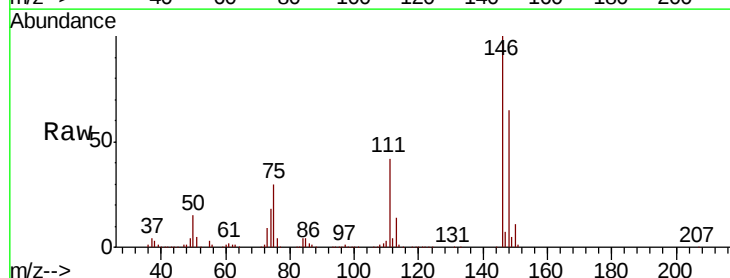
Instrument :
BNA_F
ClientSampled :

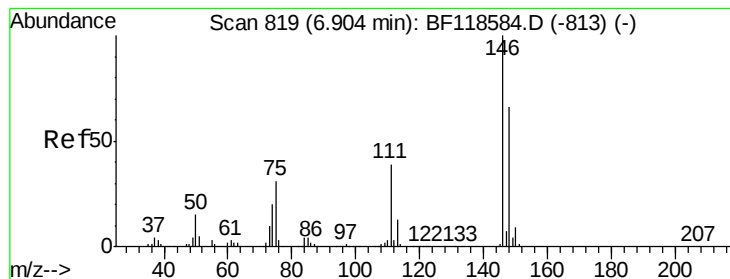
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.9	52.1	92.1
95	32.6	13.2	53.2



#12
1,3-Dichlorobenzene
Concen: 48.369 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.4
75	30.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 48.225 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

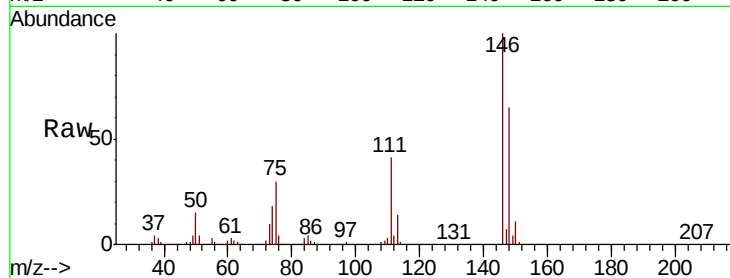
Tot Ion:146 Resp: 963244

Ion Ratio Lower Upper

146 100

148 64.8 51.5 77.3

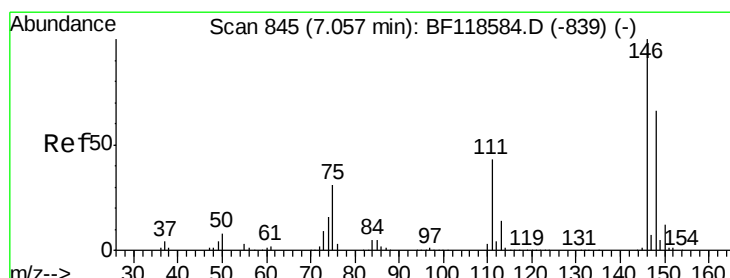
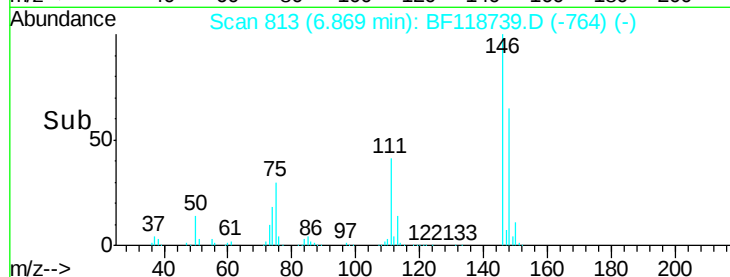
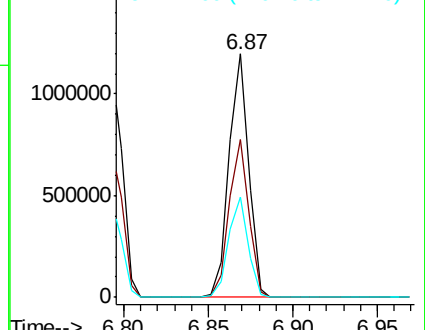
111 41.1 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.403 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

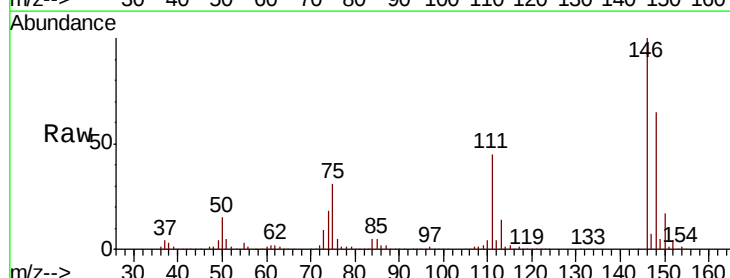
Tgt Ion:146 Resp: 890073

Ion Ratio Lower Upper

146 100

148 65.1 51.7 77.5

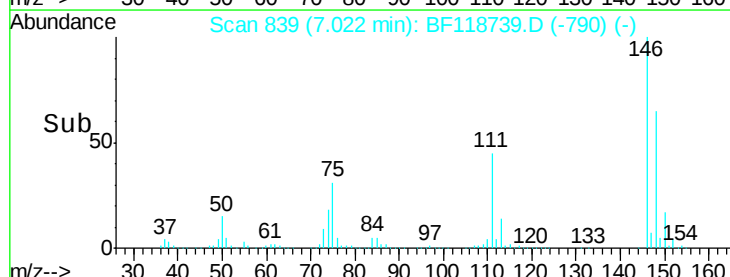
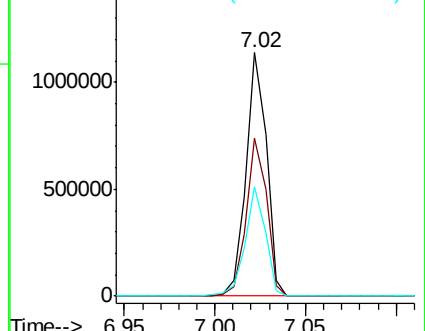
111 44.6 35.3 52.9

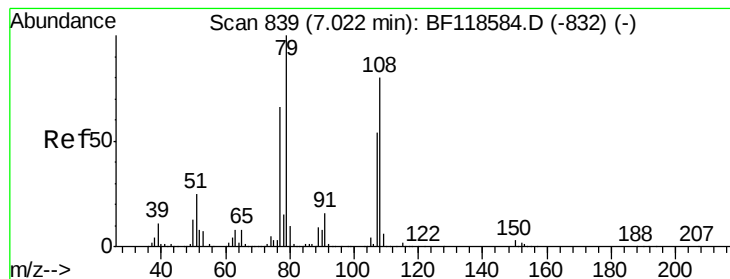


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.306 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

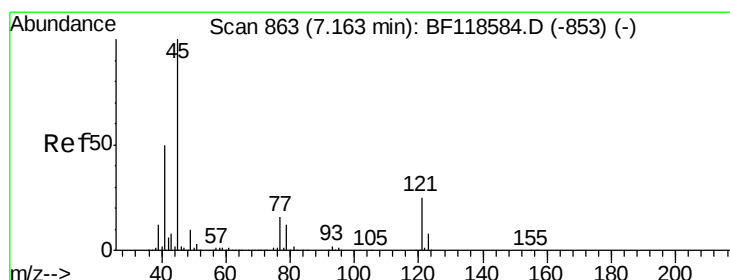
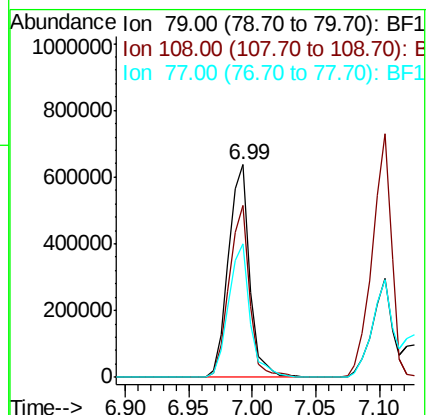
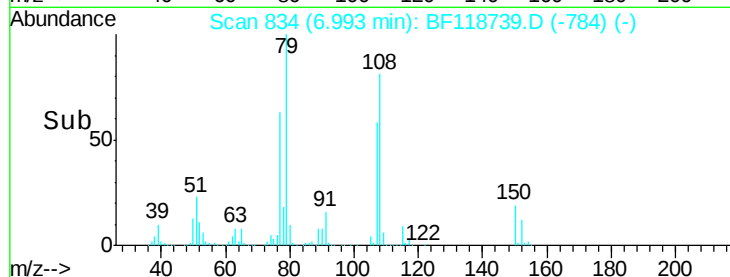
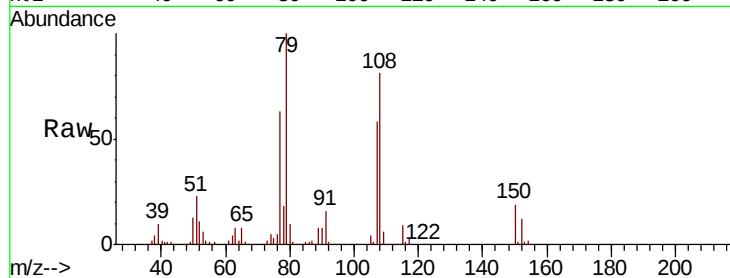
Tot Ion: 79 Resp: 738499

Ion Ratio Lower Upper

79 100

108 81.0 63.4 95.2

77 62.6 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.776 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

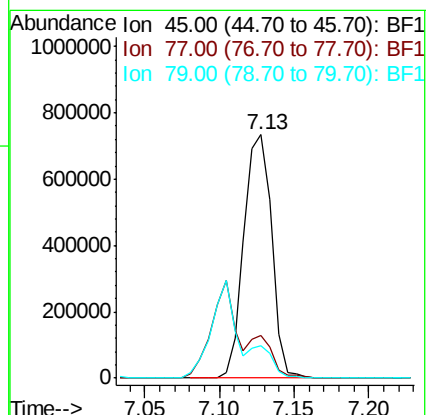
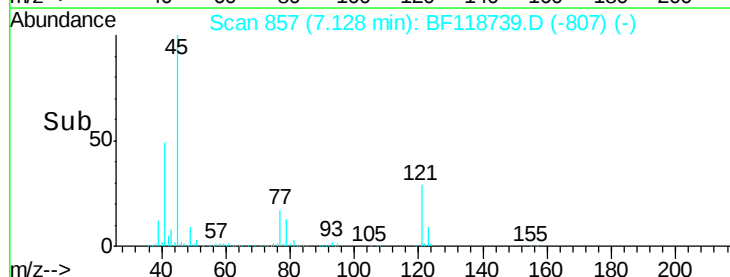
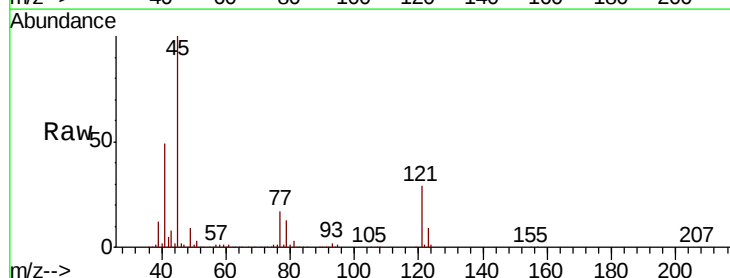
Tgt Ion: 45 Resp: 945369

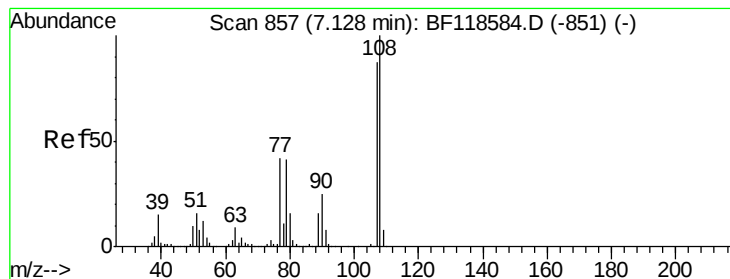
Ion Ratio Lower Upper

45 100

77 17.4 0.0 36.9

79 13.3 0.0 32.5

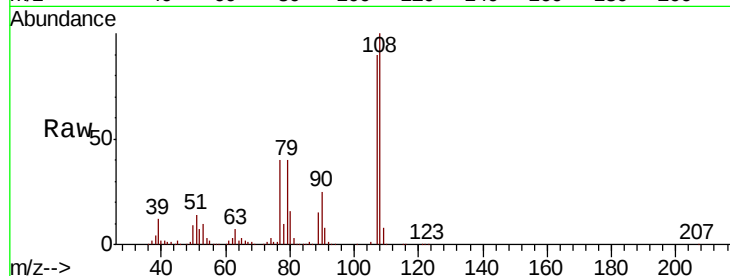




#17
2-Methylphenol
Concen: 48.411 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	88.0	132.0
77	44.7	35.3	52.9
79	44.7	35.4	53.2



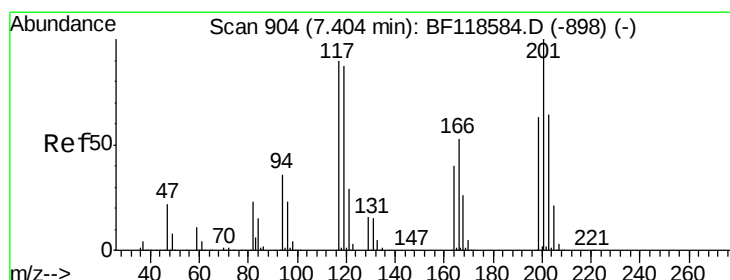
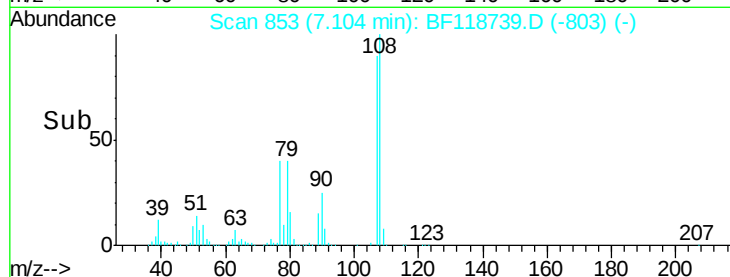
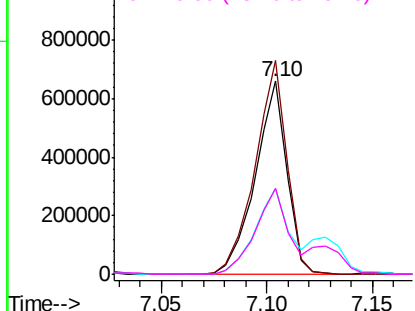
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

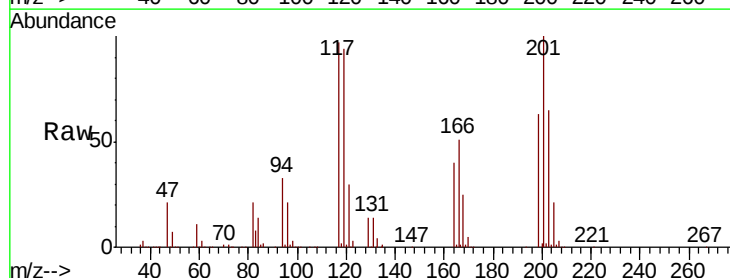
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 46.911 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.2	114.2
201	103.0	83.3	124.9

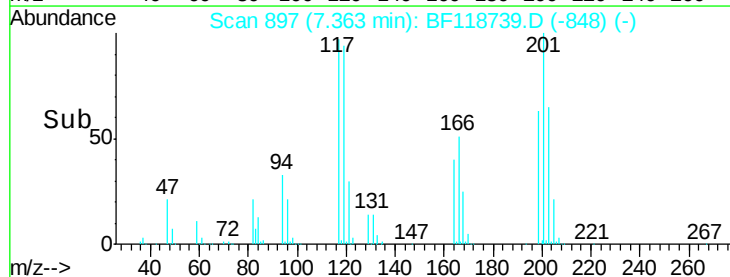
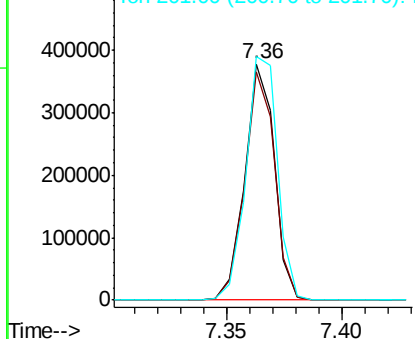


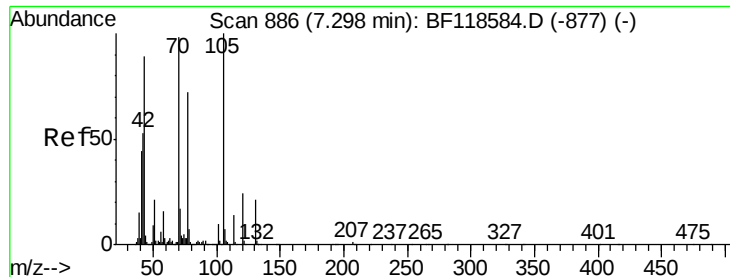
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

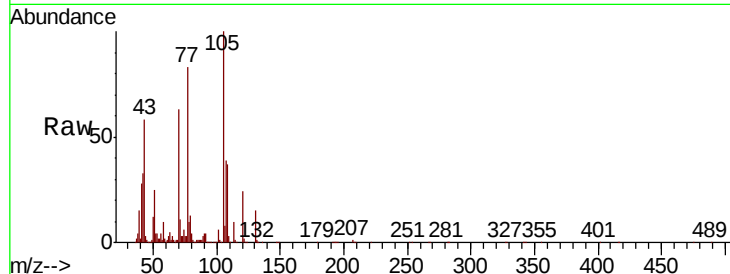




#19
n-Nitroso-di-n-propylamine
Concen: 42.721 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.1	41.6	62.4
101	10.3	7.9	11.9
130	23.9	19.0	28.6



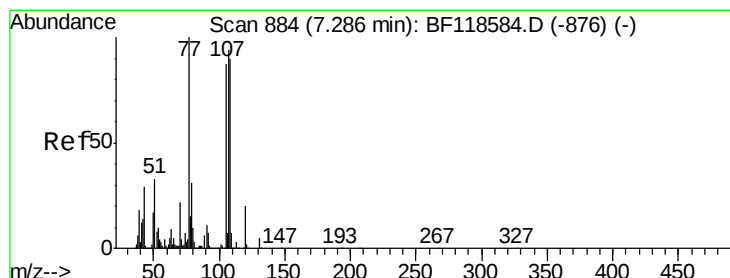
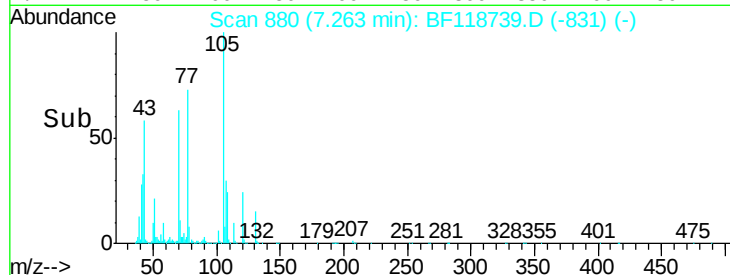
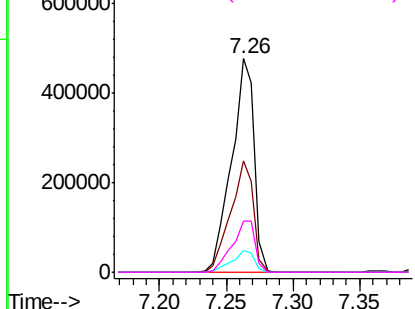
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 45.067 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	67.5	107.5
77	126.9	73.6	113.6#
79	31.4	9.3	49.3

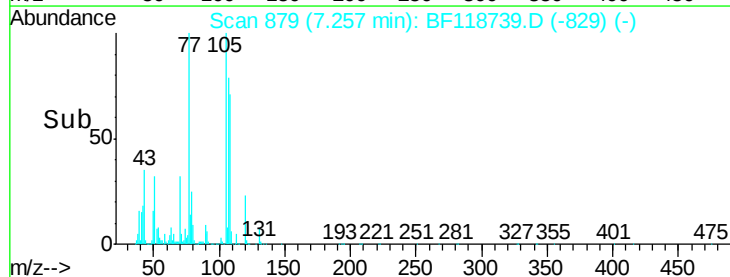
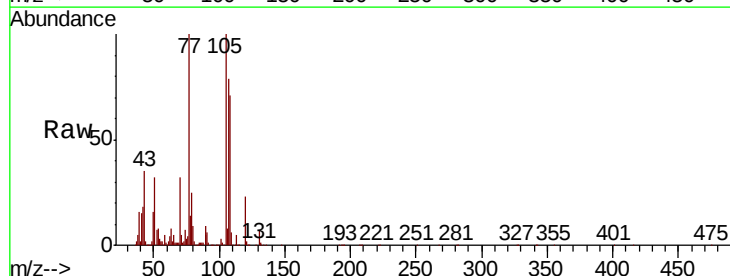
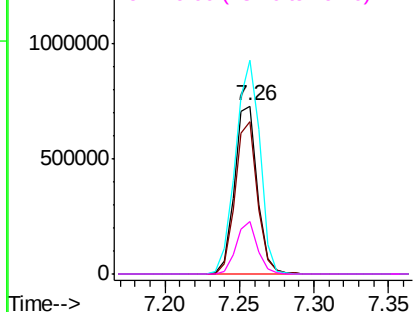
Abundance

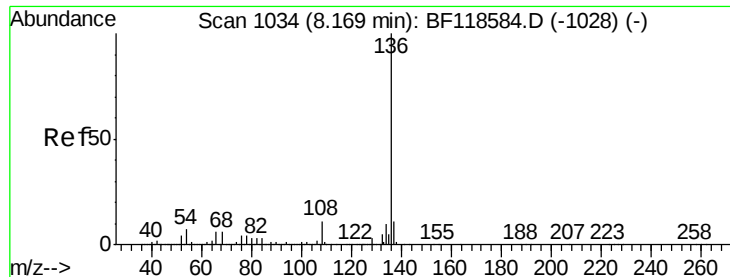
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1050716

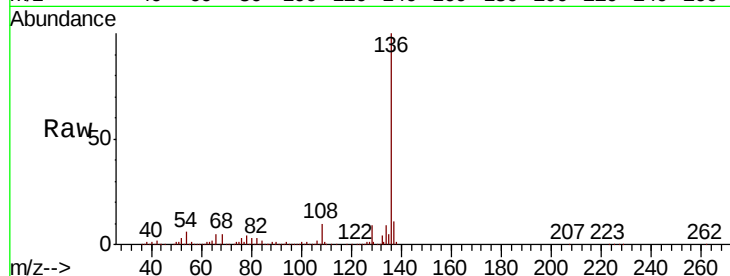
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.0 5.1 7.7

68 5.3 4.3 6.5

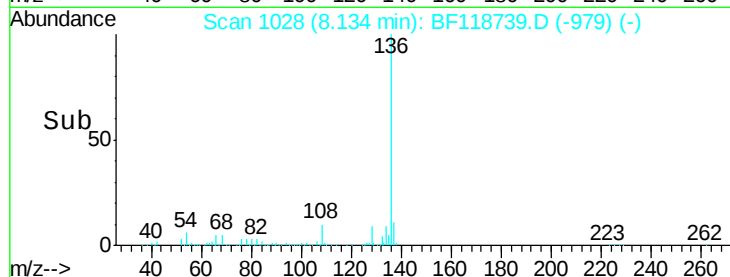


Abundance Ion 136.00 (135.70 to 136.70): E

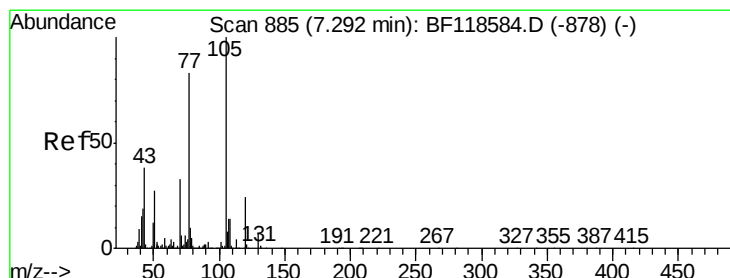
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 44.099 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Tgt Ion:105 Resp: 1097638

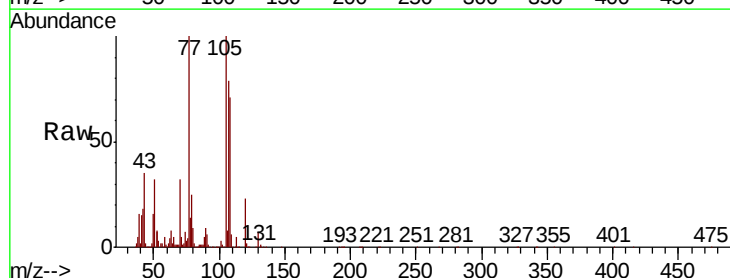
Ion Ratio Lower Upper

105 100

71 5.2 4.3 6.5

51 32.4 23.5 35.3

120 23.4 18.6 28.0

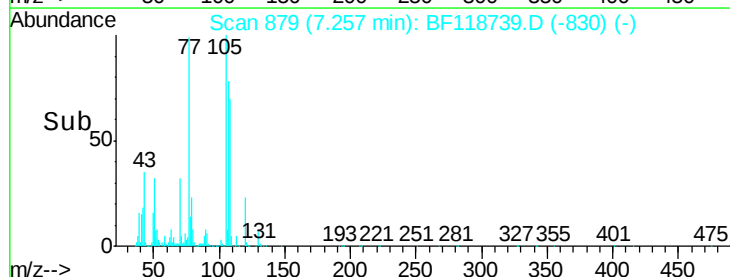


Abundance Ion 105.00 (104.70 to 105.70): E

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



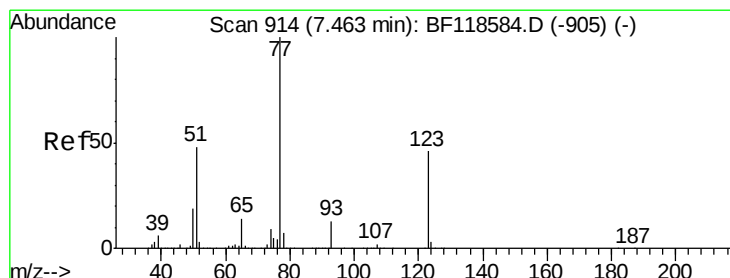
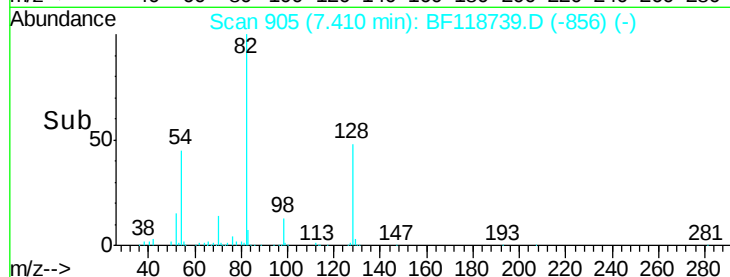
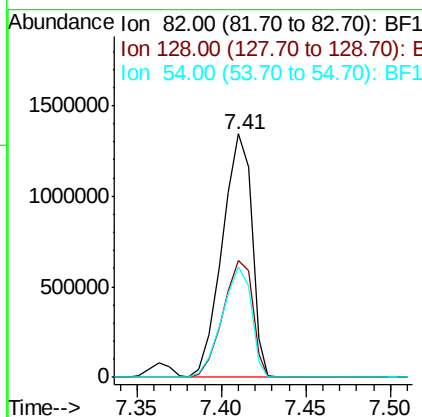
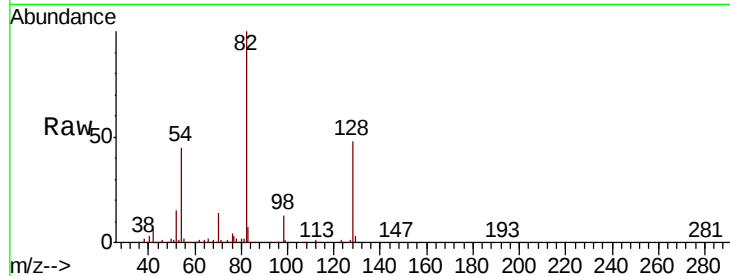
Time-->



#23
 Nitrobenzene-d5
 Concen: 87.059 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

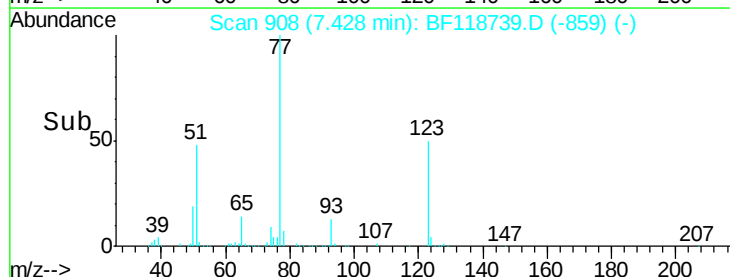
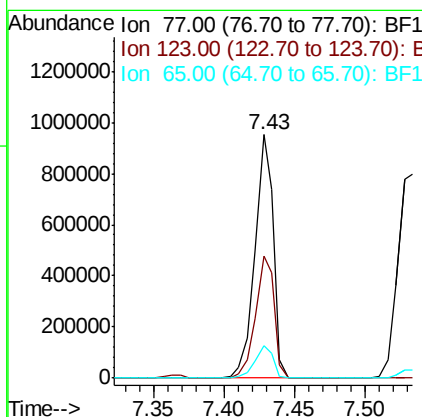
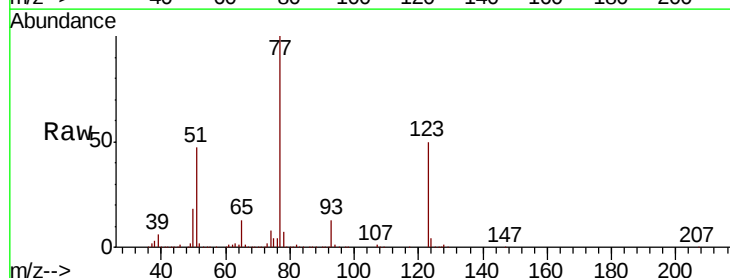
Instrument :
 BNA_F
 ClientSampleId :

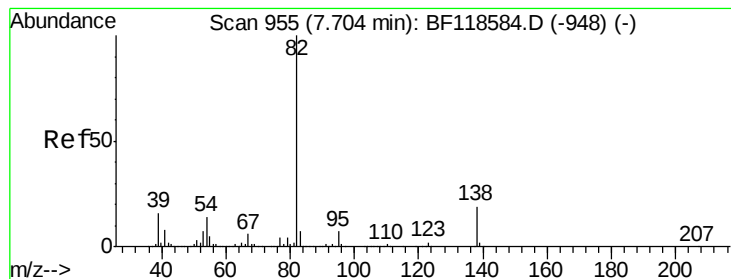
Tot Ion: 82 Resp: 1635398
 Ion Ratio Lower Upper
 82 100
 128 48.2 38.2 57.2
 54 45.5 36.1 54.1



#24
 Nitrobenzene
 Concen: 45.403 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

Tgt Ion: 77 Resp: 873297
 Ion Ratio Lower Upper
 77 100
 123 50.0 39.2 58.8
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 46.510 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

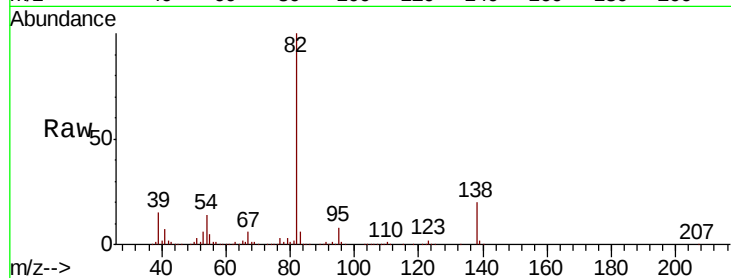
Tot Ion: 82 Resp: 1593555

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.8

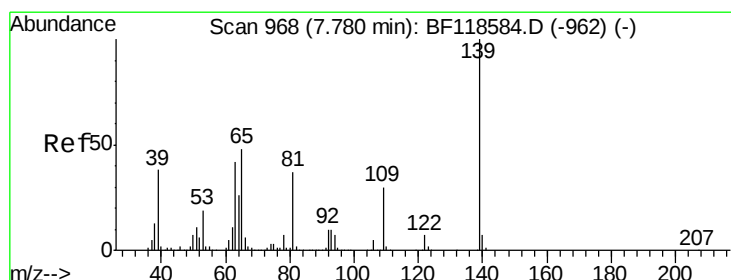
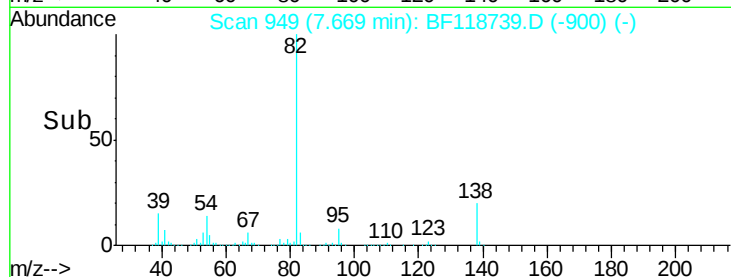
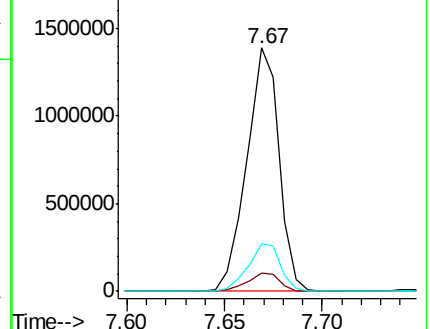
138 19.7 15.8 23.8



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: 58.013 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

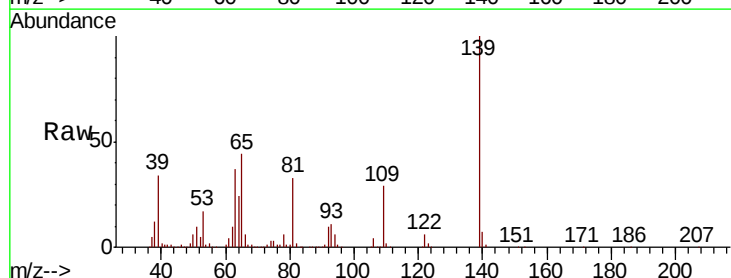
Tgt Ion: 139 Resp: 475849

Ion Ratio Lower Upper

139 100

109 29.0 23.1 34.7

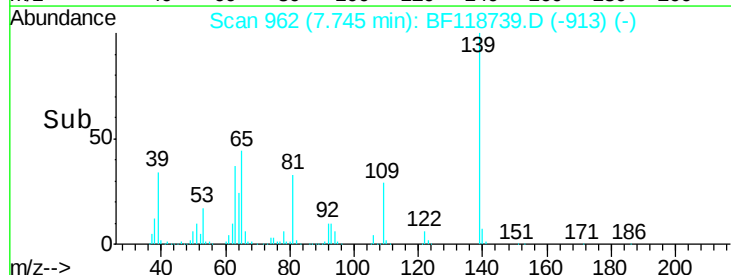
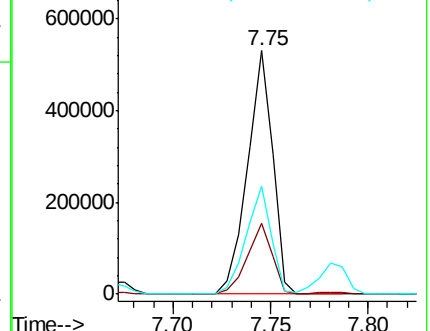
65 44.5 35.2 52.8

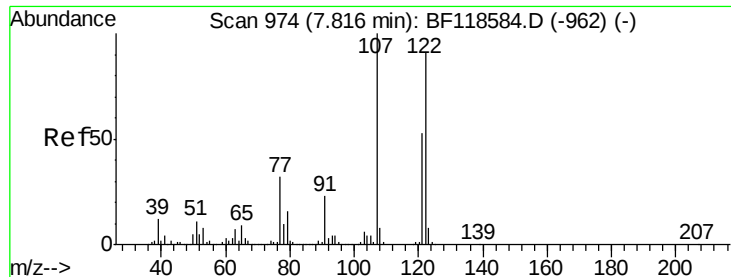


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.515 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

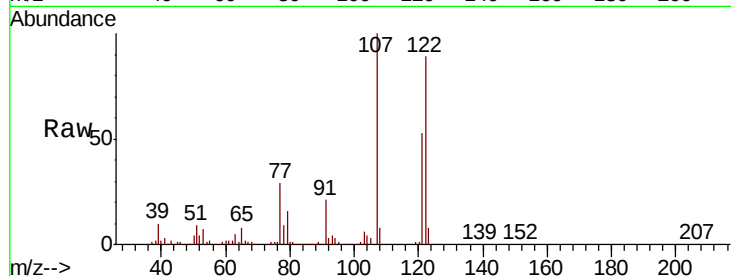
Tot Ion:122 Resp: 729660

Ion Ratio Lower Upper

122 100

107 112.1 91.8 137.8

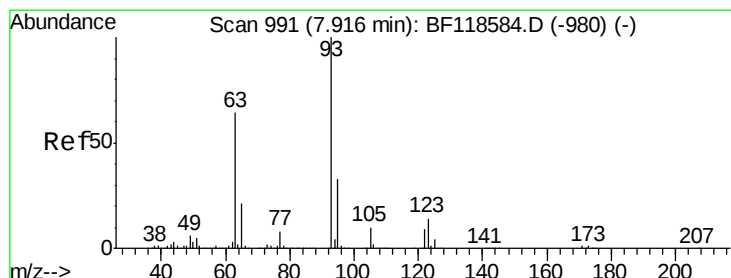
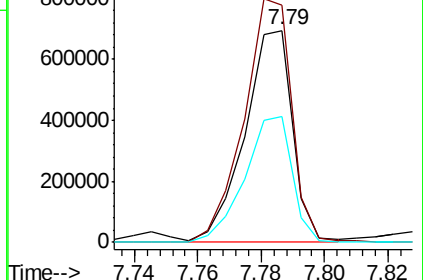
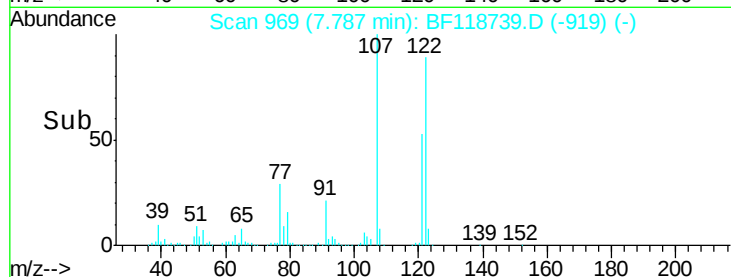
121 59.4 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.776 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

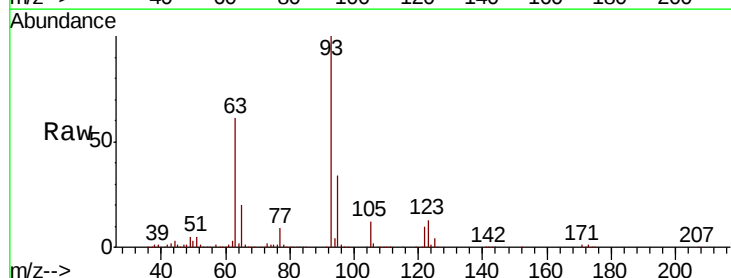
Tgt Ion: 93 Resp: 988519

Ion Ratio Lower Upper

93 100

95 34.3 26.8 40.2

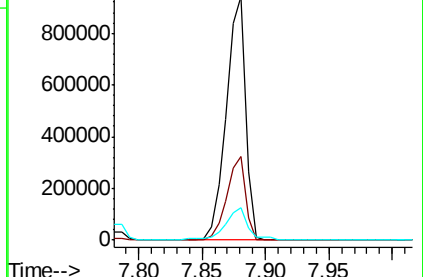
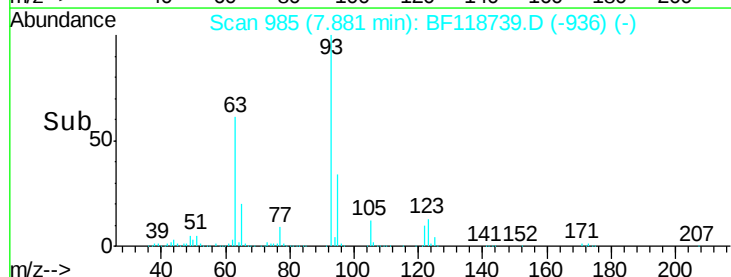
123 13.3 10.7 16.1

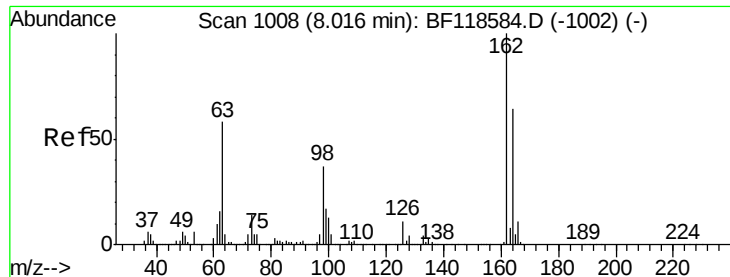


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

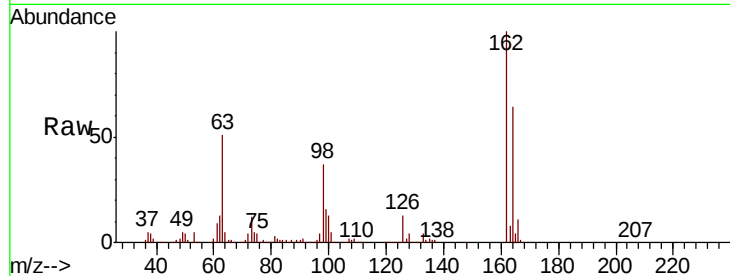




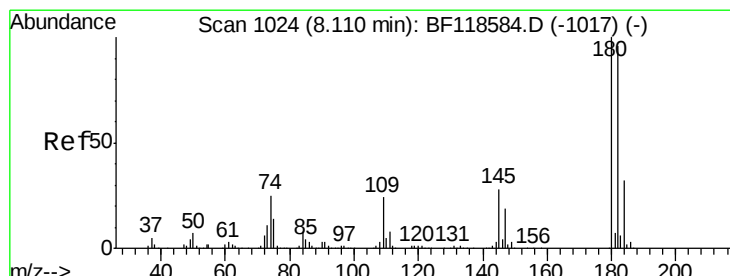
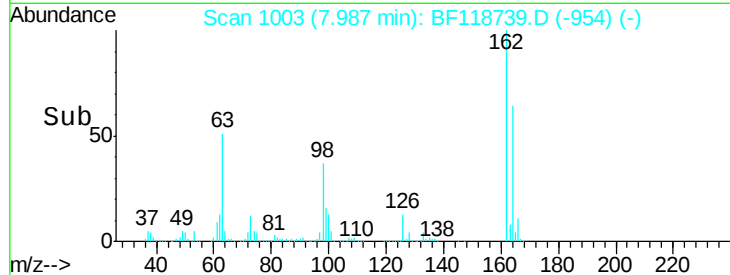
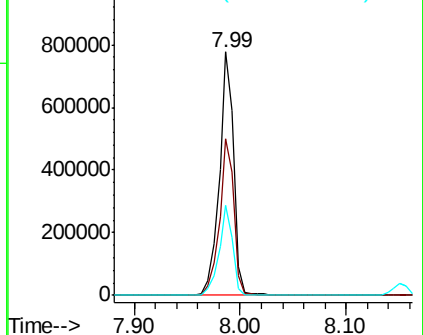
#29
2,4-Dichlorophenol
Concen: 47.732 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	37.0	15.0	55.0

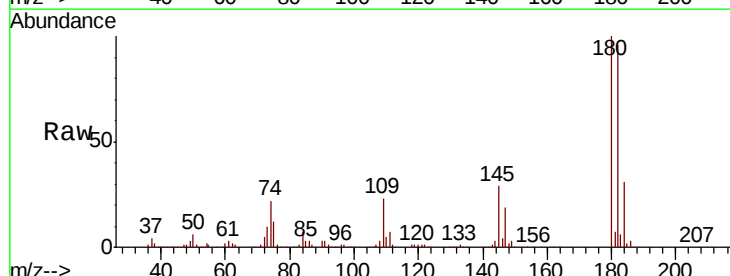


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

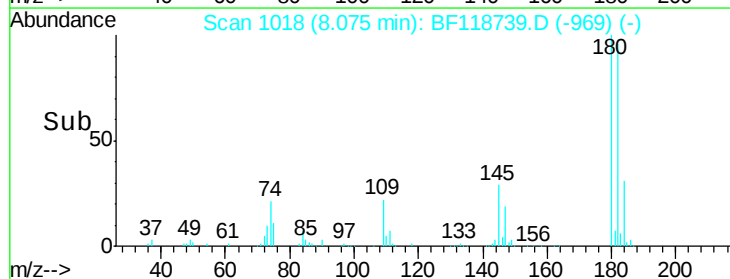
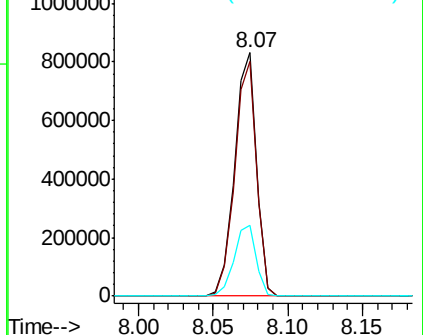


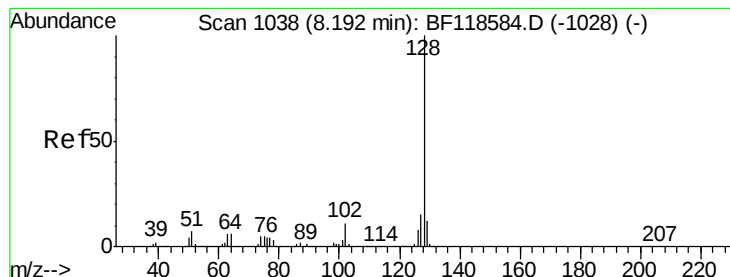
#30
1,2,4-Trichlorobenzene
Concen: 46.899 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.4
145	29.1	23.5	35.3



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: 50.500 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

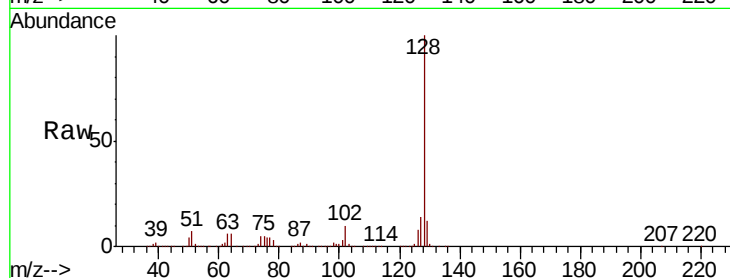
Tot Ion:128 Resp: 2396957

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.0

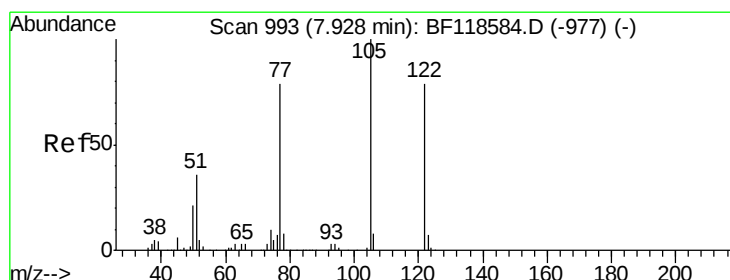
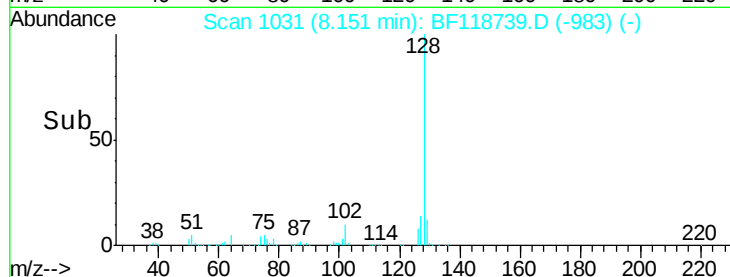
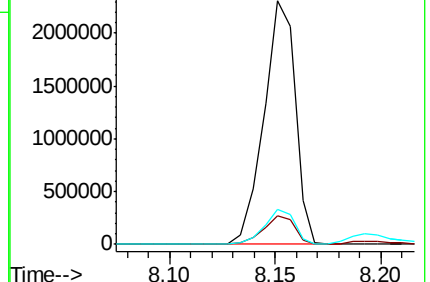
127 14.5 11.3 16.9



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: 43.286 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

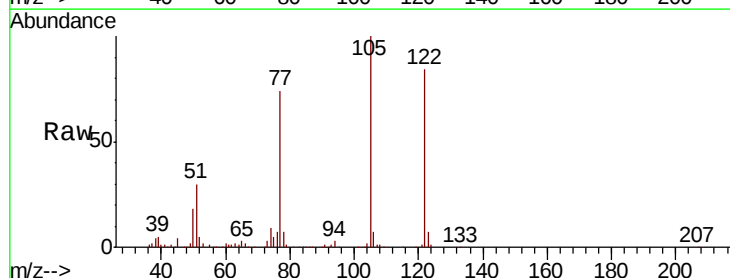
Tgt Ion:122 Resp: 460134

Ion Ratio Lower Upper

122 100

105 119.6 100.9 140.9

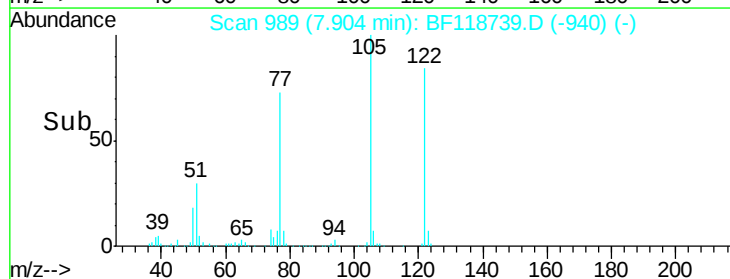
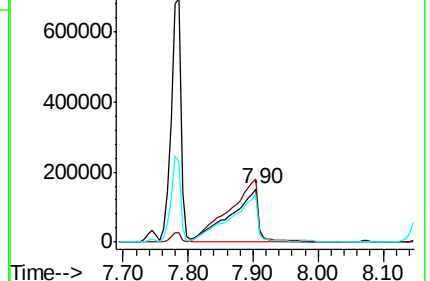
77 88.7 65.1 105.1

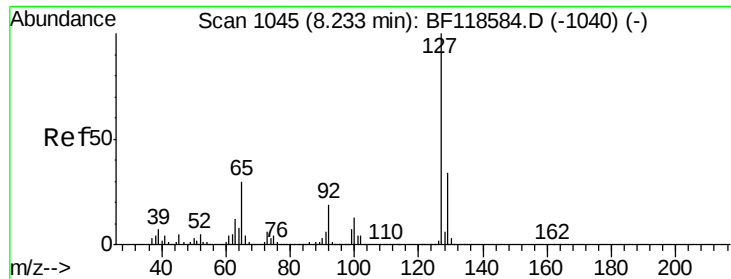


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

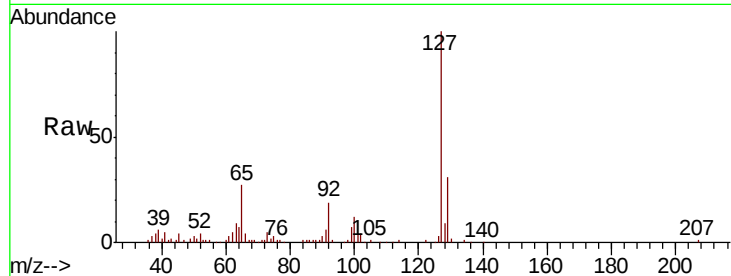




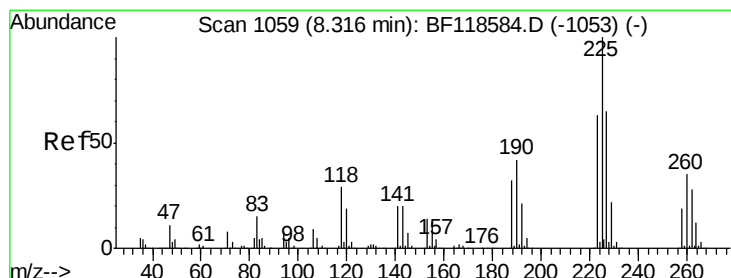
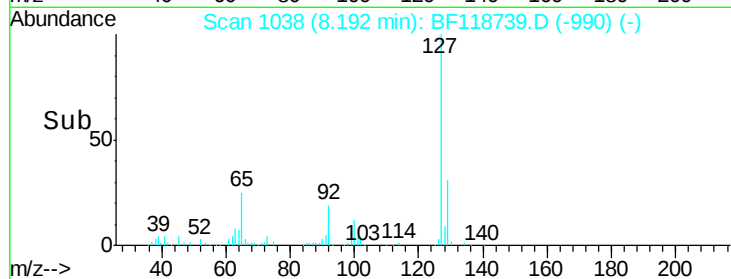
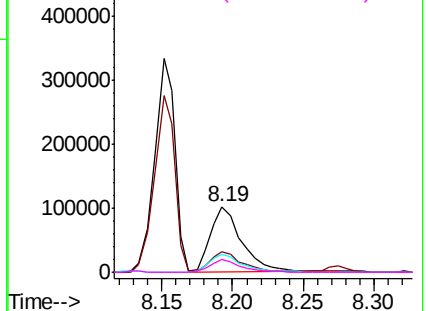
#33
4-Chloroaniline
Concen: 7.187 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	157663
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.4	39.6
65	26.8	22.6	33.8
92	19.2	15.3	22.9

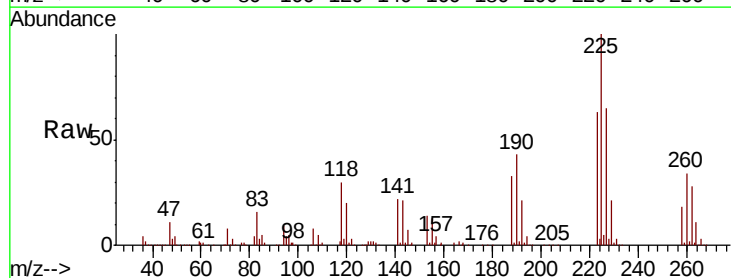


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

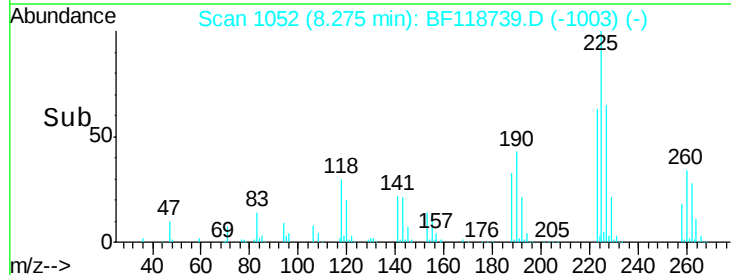
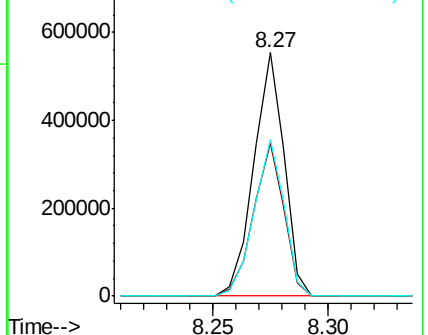


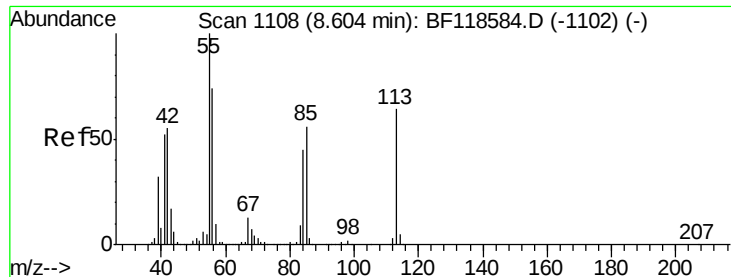
#34
Hexachlorobutadiene
Concen: 46.030 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion:	225	Resp:	508901
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	64.5	50.5	75.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

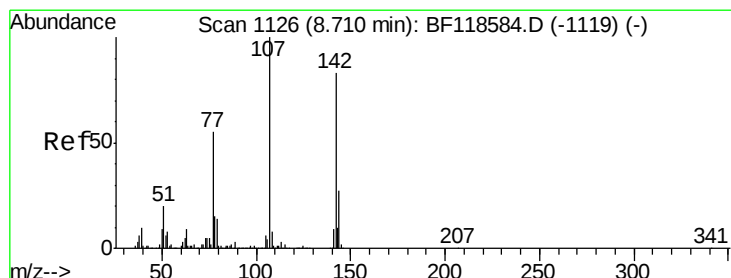
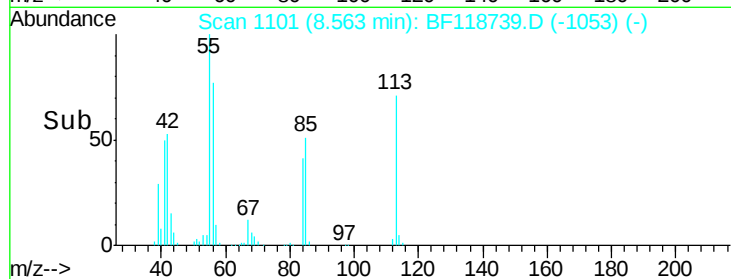
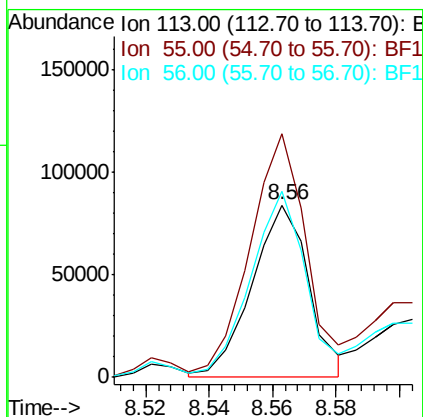
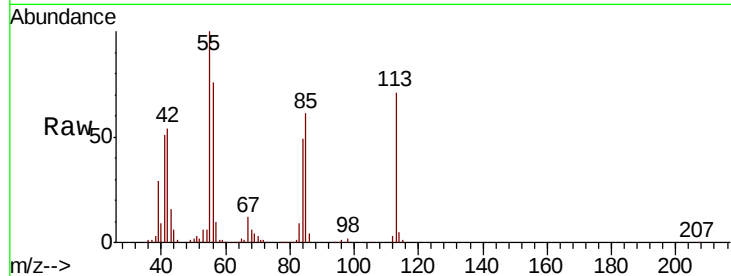




#35
 Caprolactam
 Concen: 20.420 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

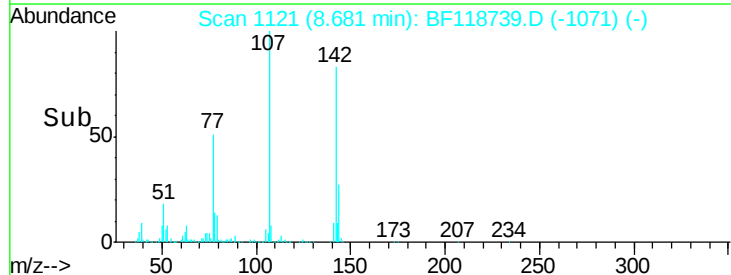
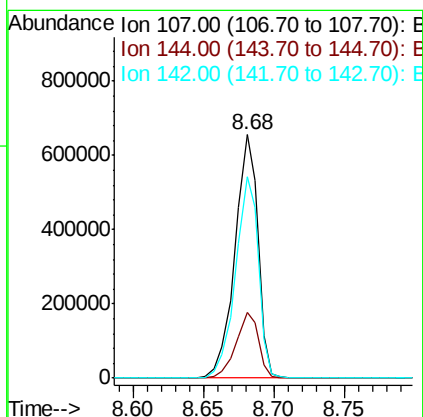
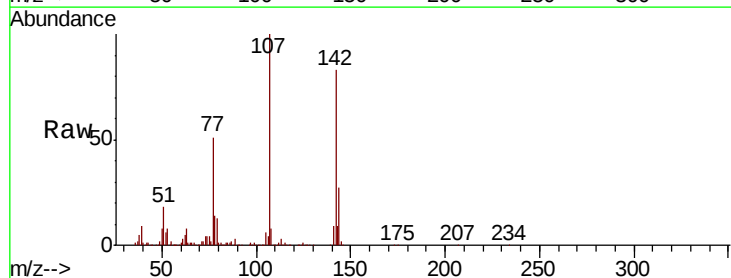
Instrument :
 BNA_F
 ClientSampleId :

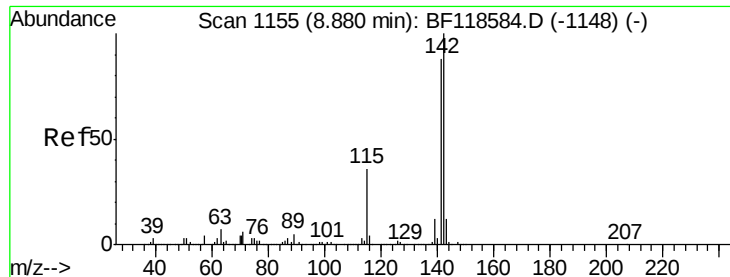
Tot Ion:113 Resp: 104633
 Ion Ratio Lower Upper
 113 100
 55 141.2 119.0 159.0
 56 107.5 85.4 125.4



#36
 4-Chloro-3-methylphenol
 Concen: 48.065 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

Tgt Ion:107 Resp: 743176
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.9 31.3
 142 82.5 64.5 96.7

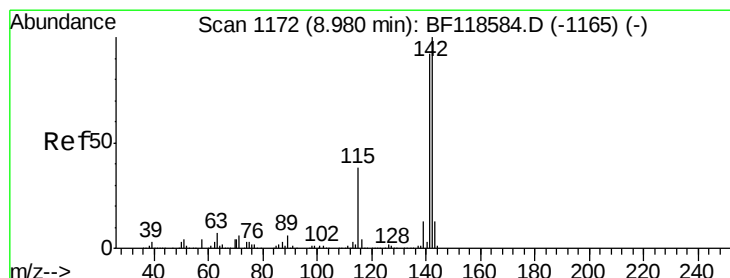
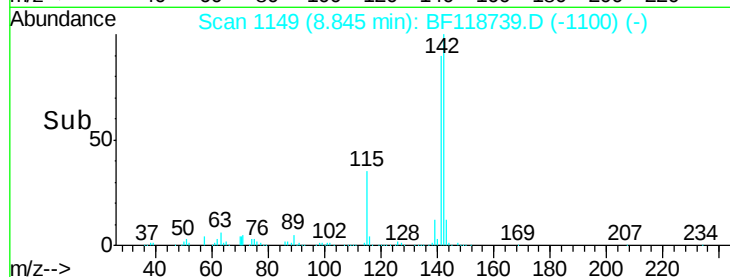
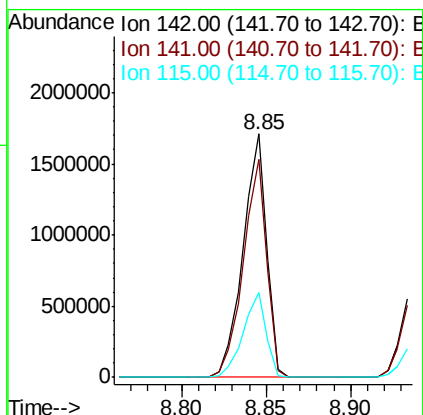
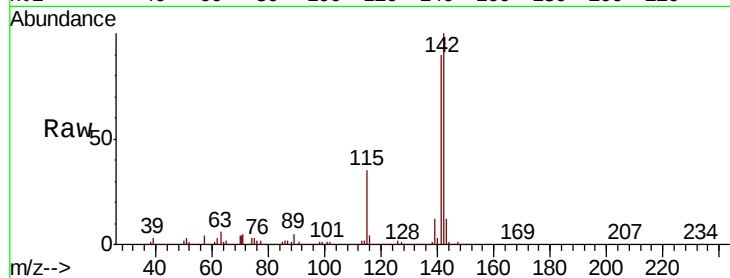




#37
 2-Methylnaphthalene
 Concen: 49.930 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

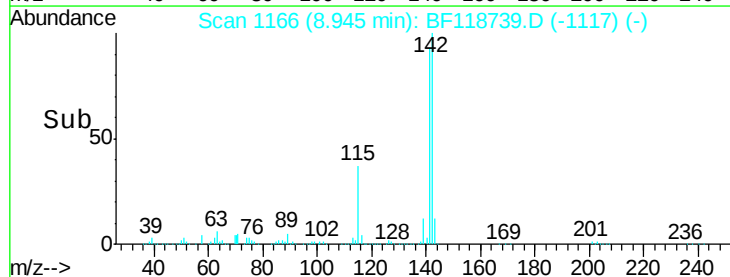
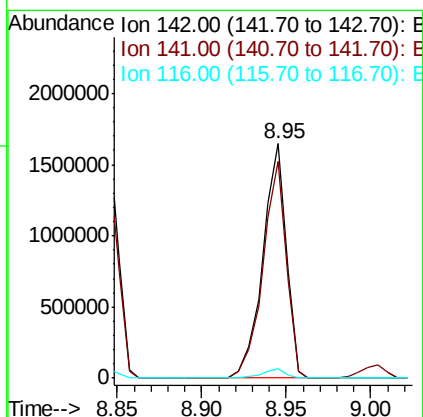
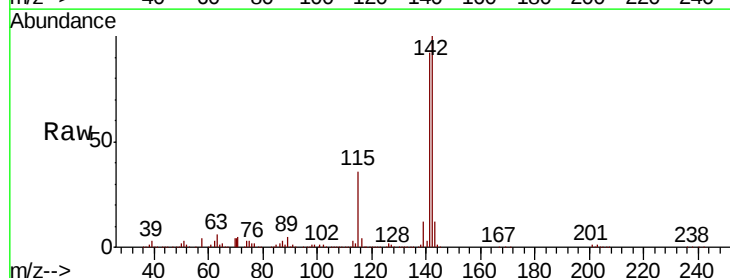
Instrument :
 BNA_F
 ClientSampleId :

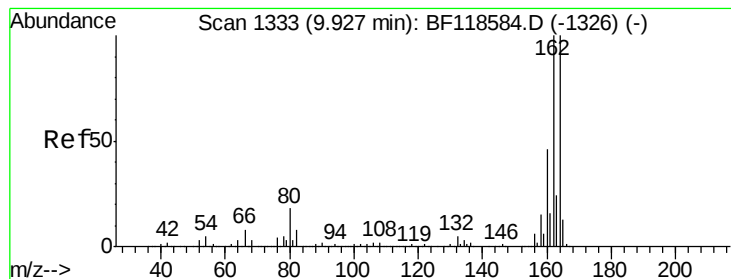
Tot Ion:142 Resp: 1672819
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.4 107.0
 115 34.9 27.5 41.3



#38
 1-Methylnaphthalene
 Concen: 49.623 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

Tgt Ion:142 Resp: 1579483
 Ion Ratio Lower Upper
 142 100
 141 92.4 73.5 110.3
 116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

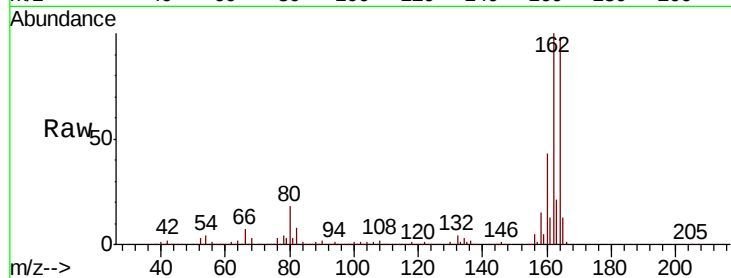
Tot Ion:164 Resp: 565544

Ion Ratio Lower Upper

164 100

162 102.1 80.8 121.2

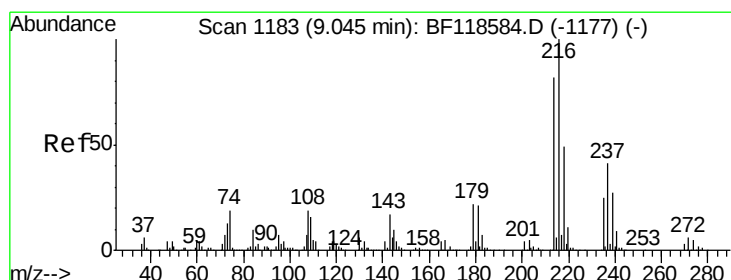
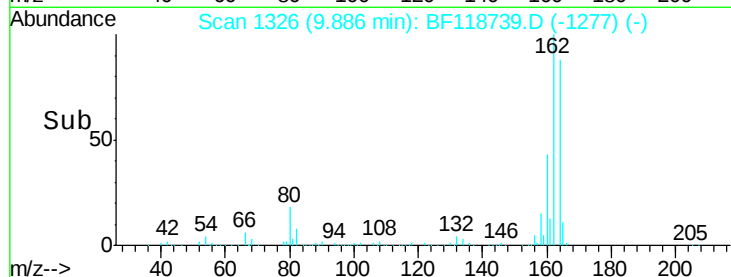
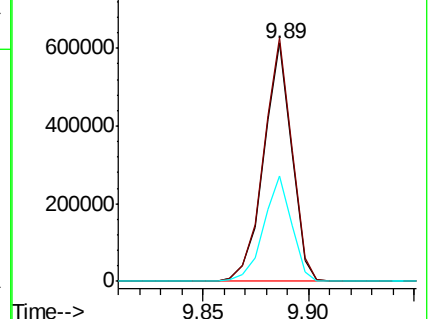
160 44.1 35.4 53.0



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: 46.117 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Tgt Ion:216 Resp: 816065

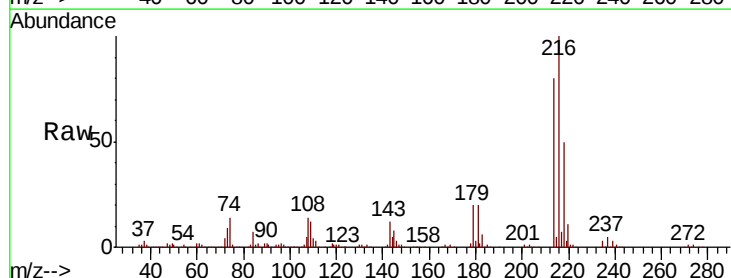
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 21.0 17.0 25.4

108 18.5 13.0 19.6

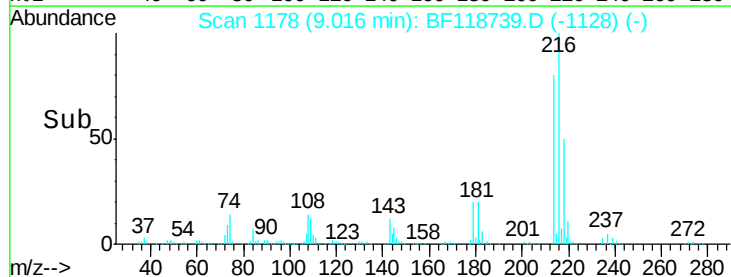
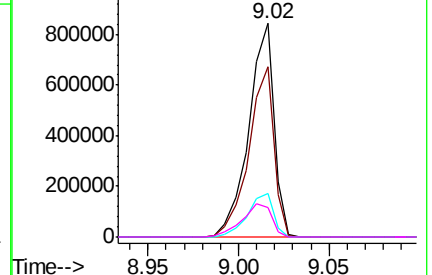


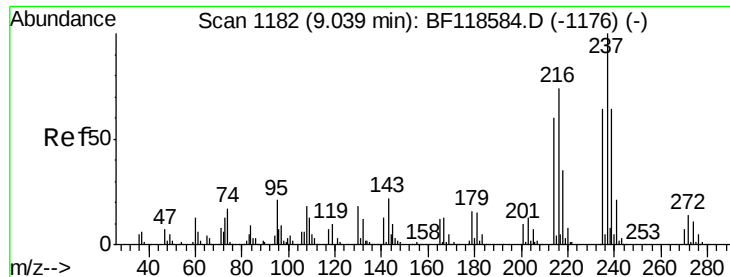
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.213 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

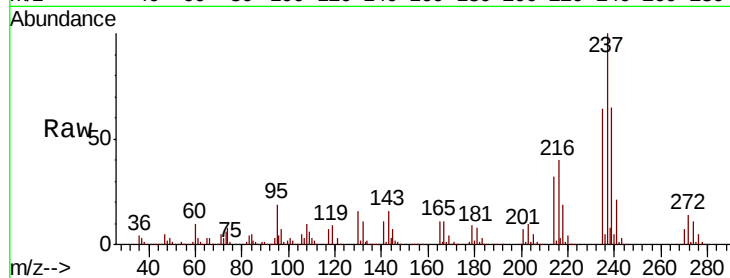
Tot Ion:237 Resp: 805422

Ion Ratio Lower Upper

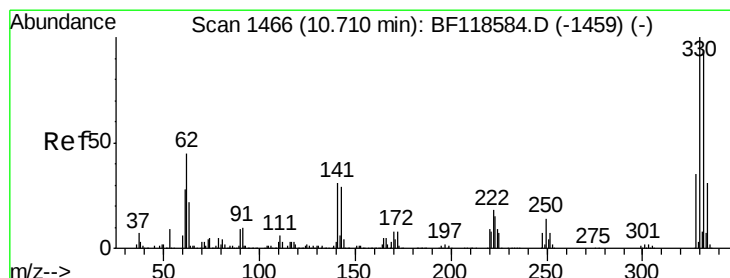
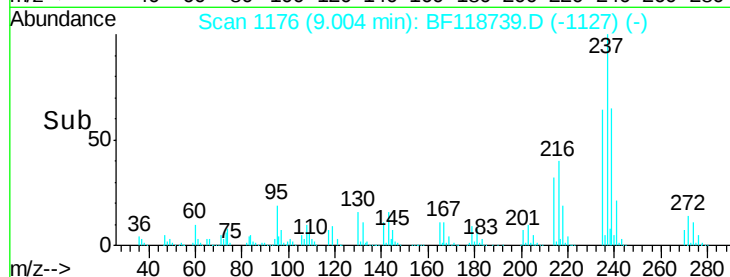
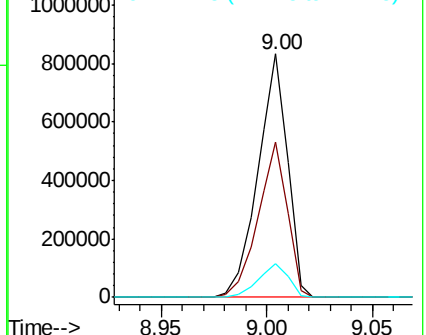
237 100

235 63.6 42.7 82.7

272 13.9 0.0 34.4



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: 131.846 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

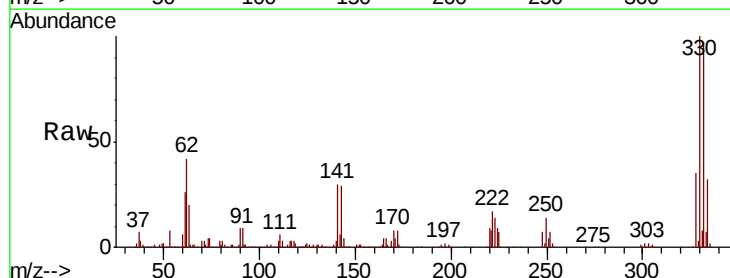
Tgt Ion:330 Resp: 862439

Ion Ratio Lower Upper

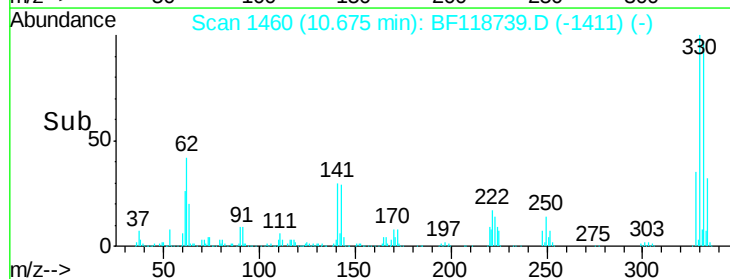
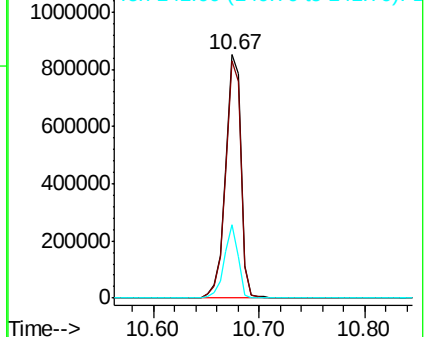
330 100

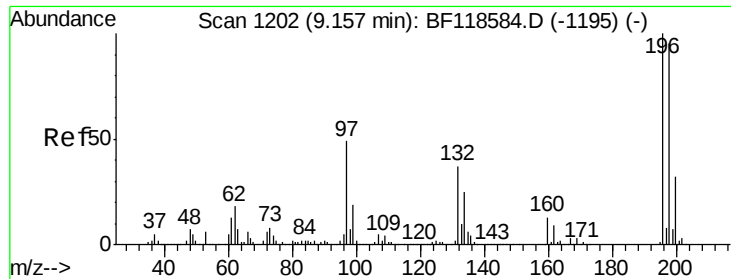
332 96.7 77.6 116.4

141 27.4 22.2 33.2



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

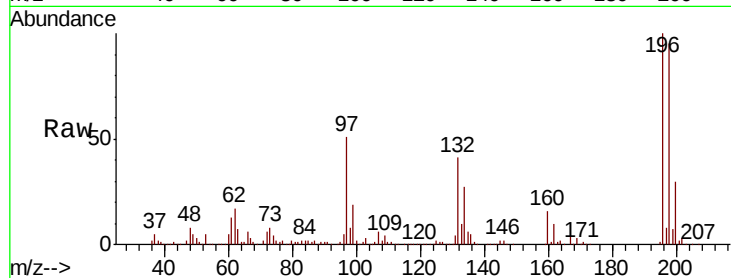




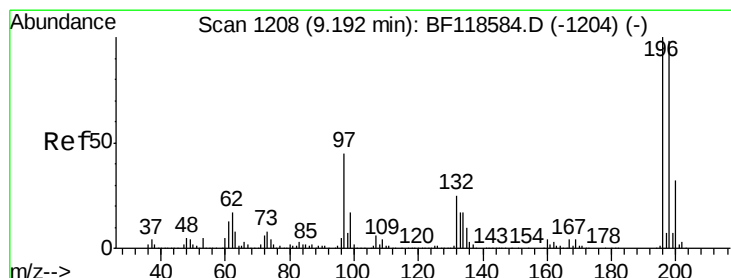
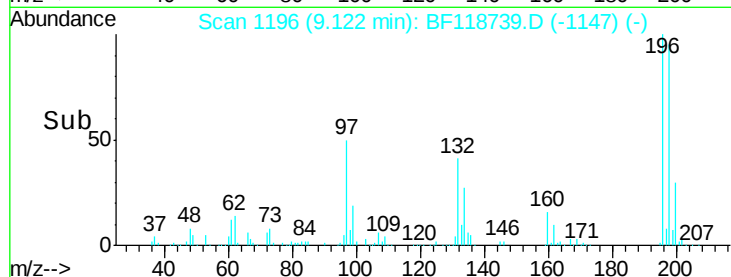
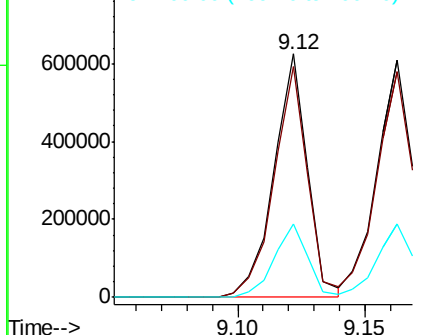
#43
 2,4,6-Trichlorophenol
 Concen: 49.293 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 578822
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.4 114.6
 200 30.3 25.4 38.2

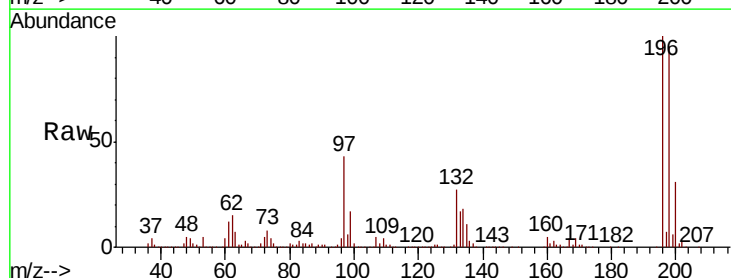


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

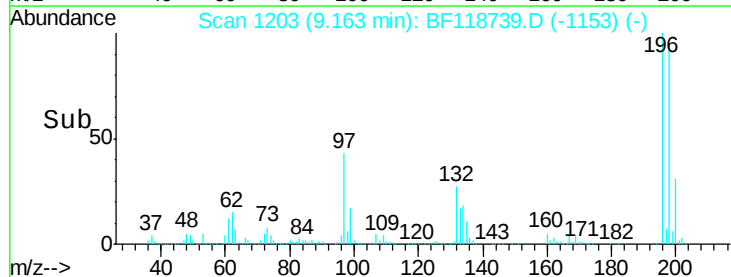
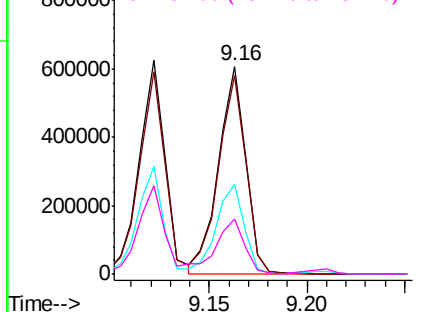


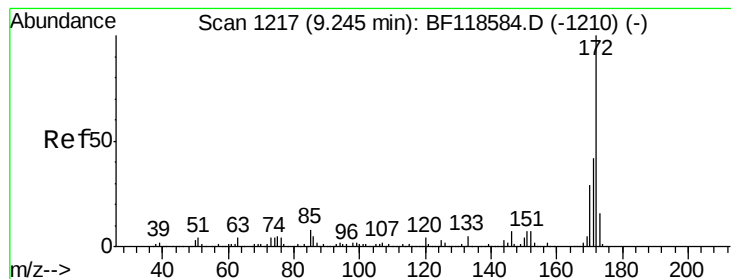
#44
 2,4,5-Trichlorophenol
 Concen: 49.141 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

Tgt Ion:196 Resp: 589325
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.2 114.4
 97 43.2 35.7 53.5
 132 26.5 21.4 32.0



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

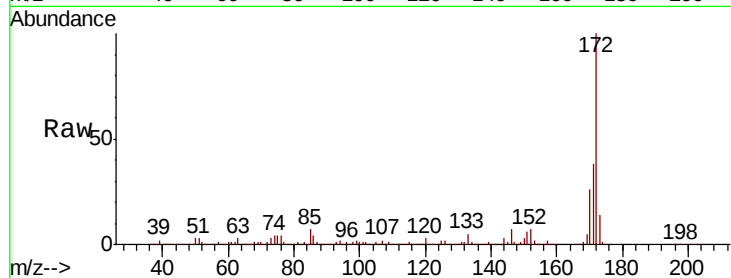




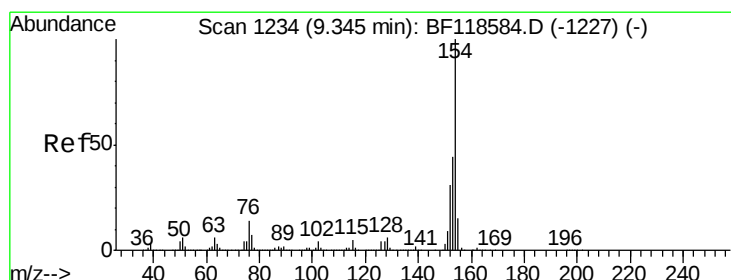
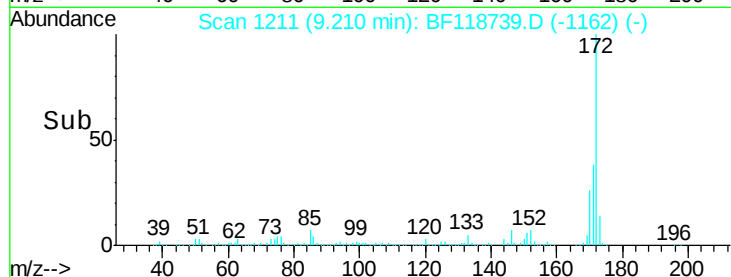
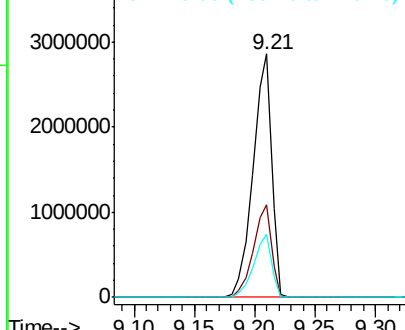
#45
2-Fluorobiphenyl
Concen: 89.772 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3088908
Ion Ratio Lower Upper
172 100
171 38.2 31.0 46.4
170 25.8 20.7 31.1

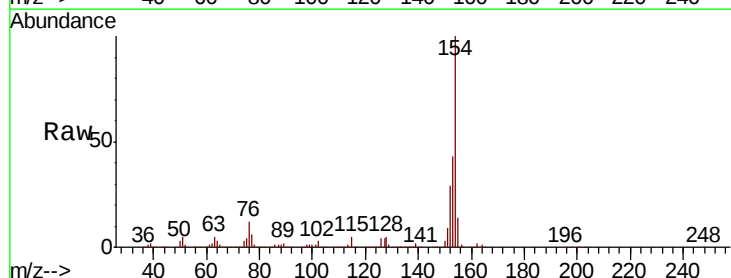


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

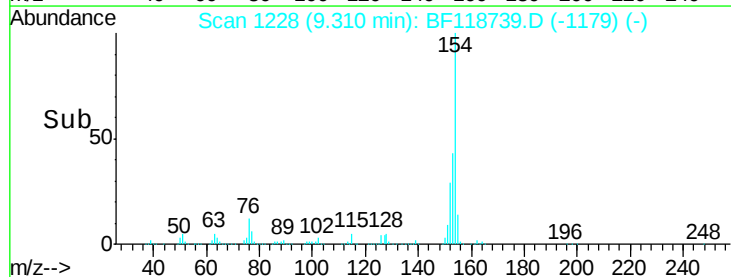
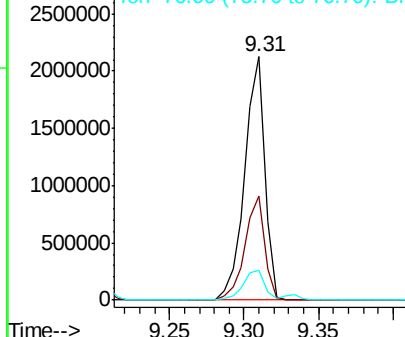


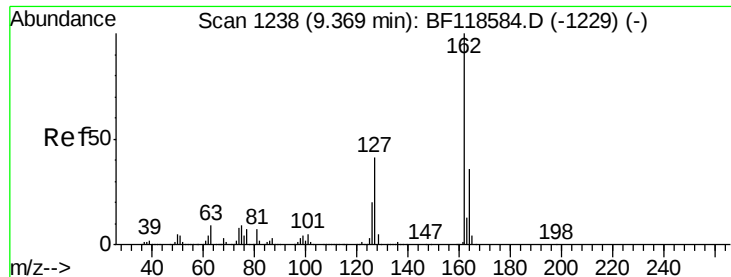
#46
1,1'-Biphenyl
Concen: 50.815 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion:154 Resp: 1980629
Ion Ratio Lower Upper
154 100
153 42.7 22.3 62.3
76 12.4 0.0 32.0



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

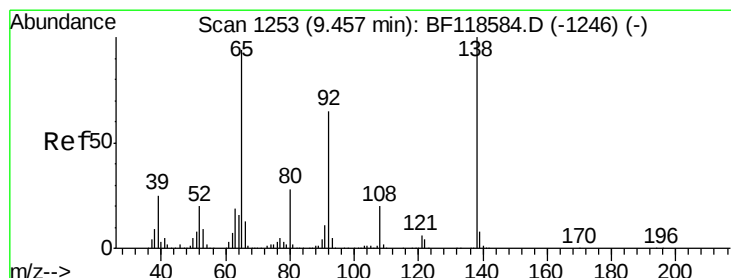
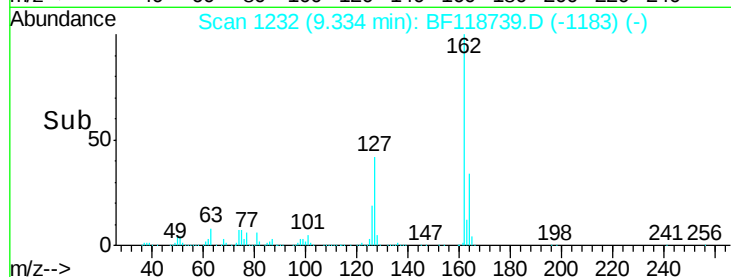
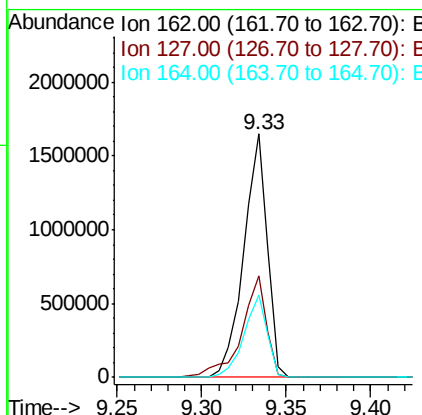
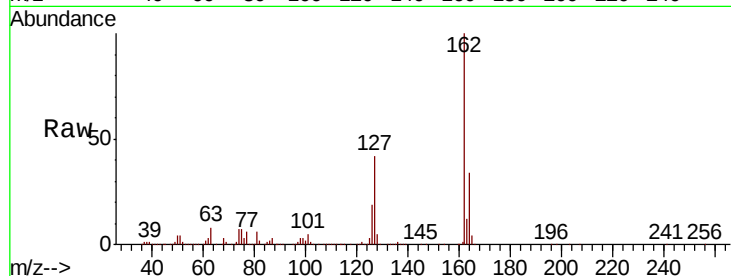




#47
 2-Chloronaphthalene
 Concen: 48.842 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

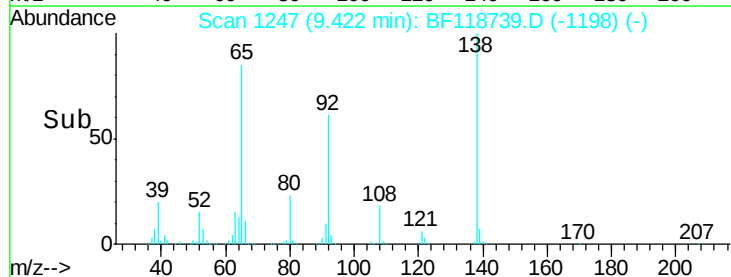
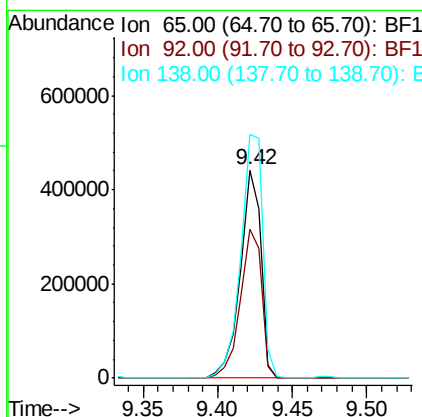
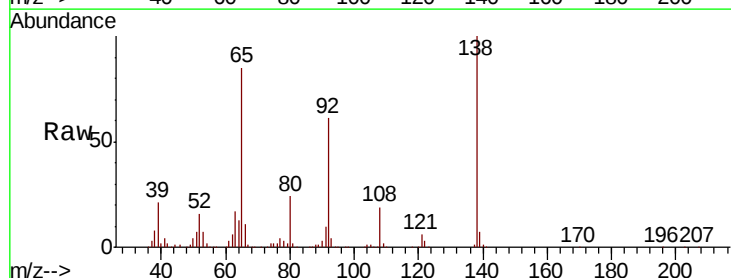
Instrument :
 BNA_F
 ClientSampleId :

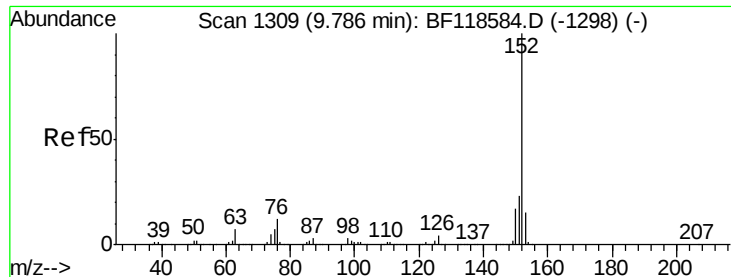
Tot Ion:162 Resp: 1604585
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.9 49.3
 164 34.1 27.5 41.3



#48
 2-Nitroaniline
 Concen: 42.365 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

Tgt Ion: 65 Resp: 427838
 Ion Ratio Lower Upper
 65 100
 92 71.4 57.8 86.6
 138 117.1 95.1 142.7





#49

Acenaphthylene

Concen: 52.480 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

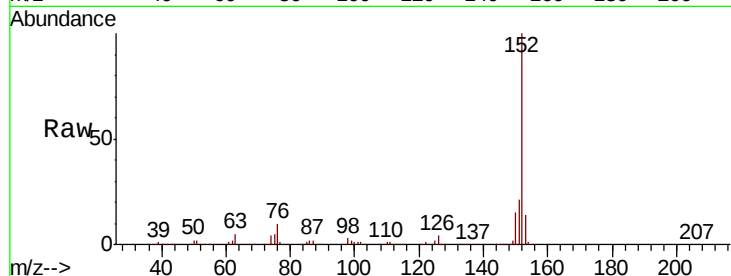
Tot Ion:152 Resp: 2425489

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

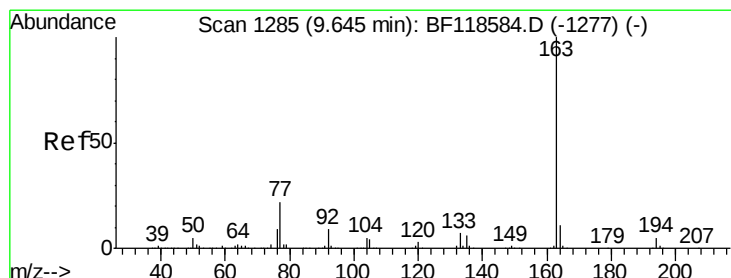
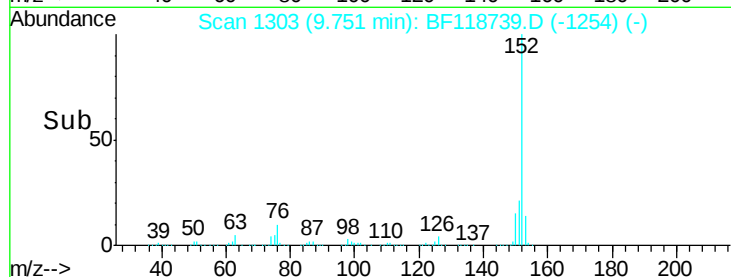
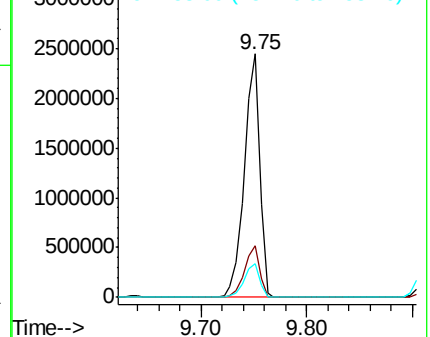
153 14.1 11.0 16.4



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: 52.534 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

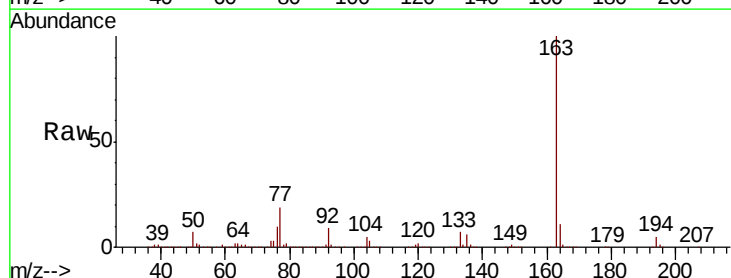
Tgt Ion:163 Resp: 1935667

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

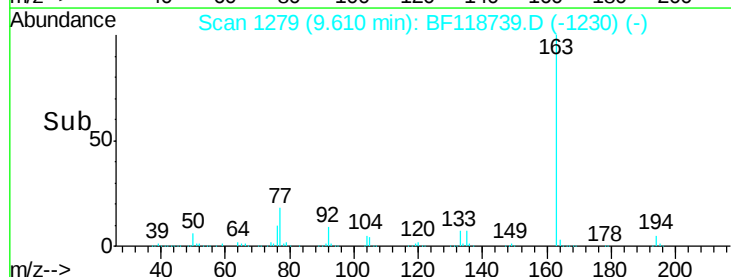
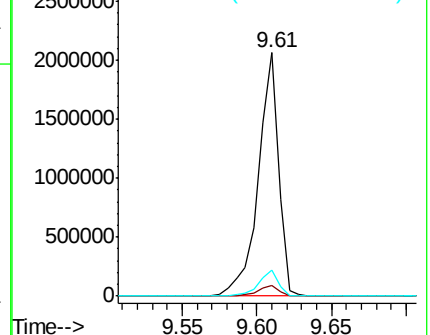
164 10.9 8.2 12.2

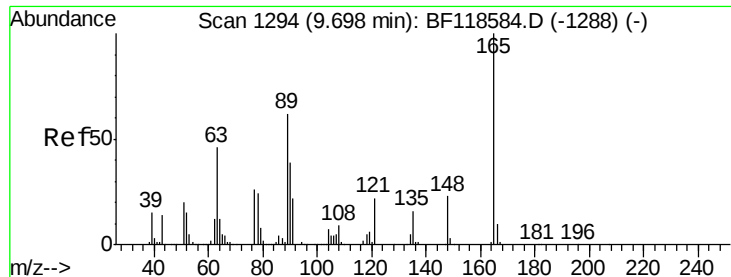


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

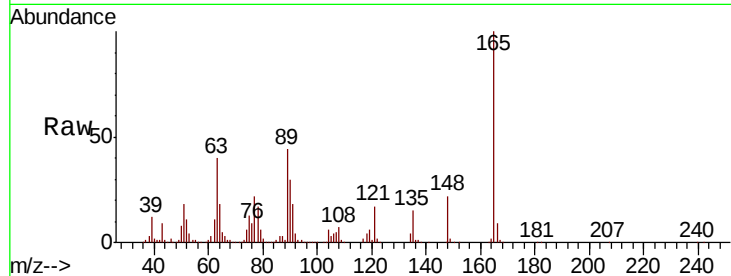




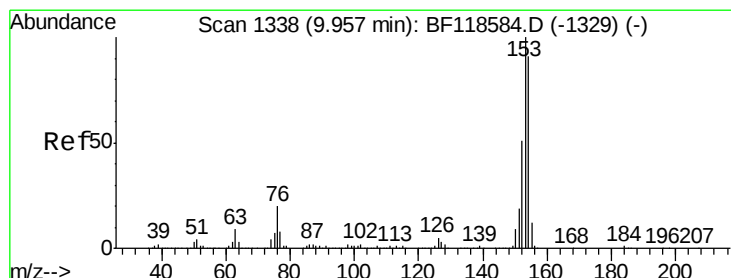
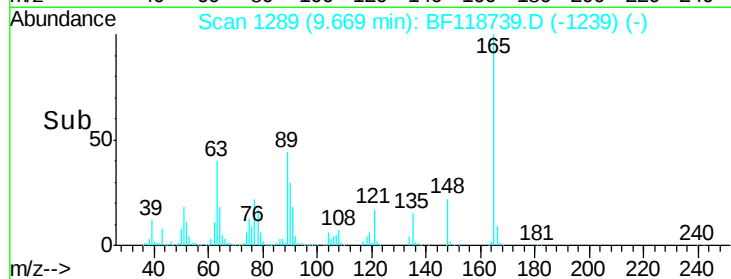
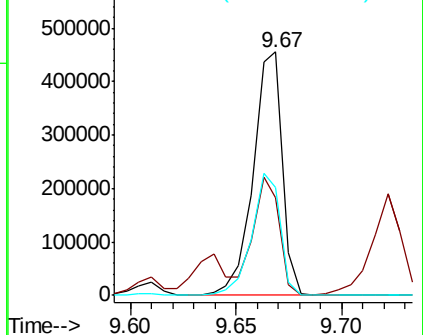
#51
2,6-Dinitrotoluene
Concen: 53.199 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 438932
Ion Ratio Lower Upper
165 100
63 40.0 39.8 59.6
89 44.4 41.4 62.2

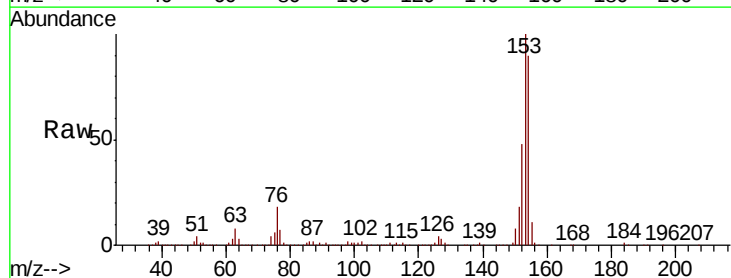


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

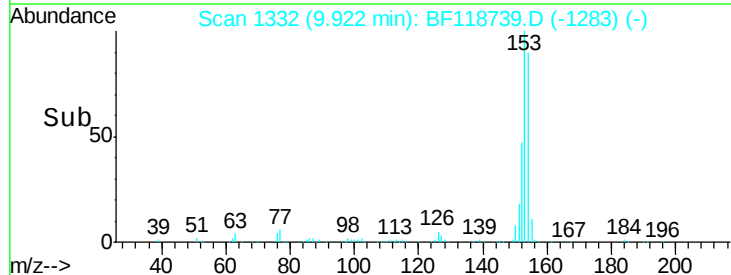
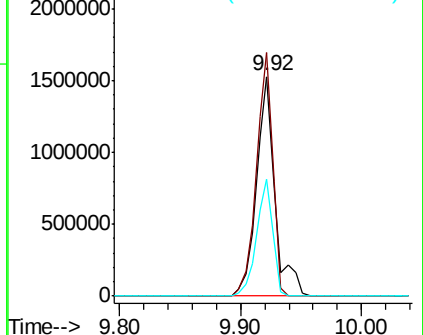


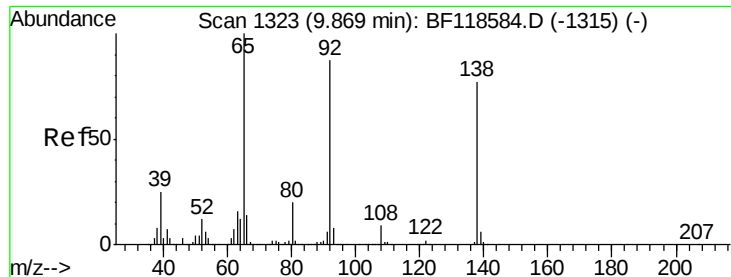
#52
Acenaphthene
Concen: 52.929 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion:154 Resp: 1635733
Ion Ratio Lower Upper
154 100
153 111.0 89.1 133.7
152 53.4 43.0 64.6



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

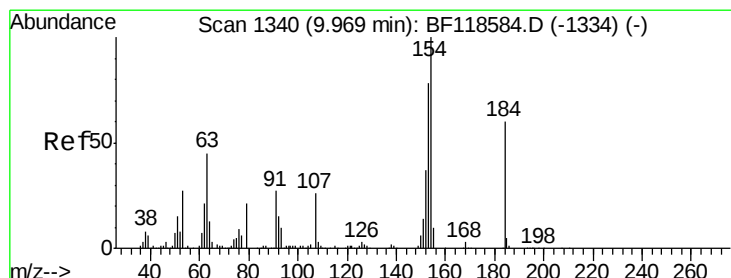
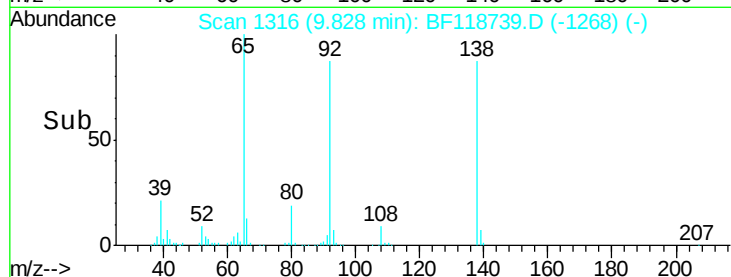
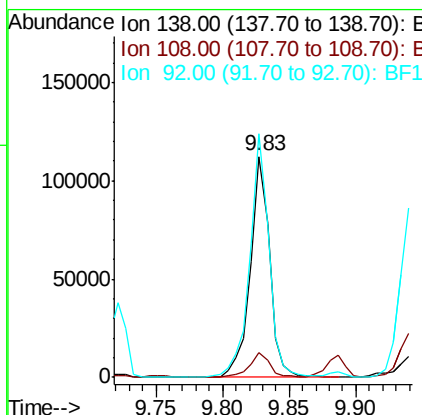
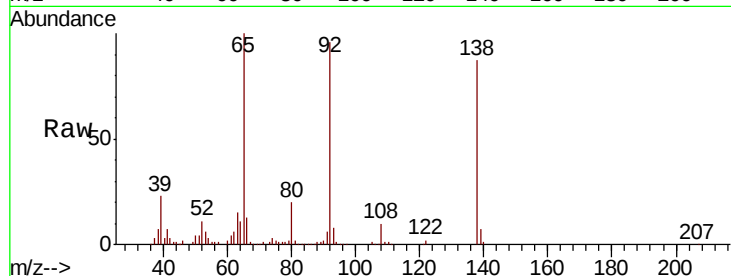




#53
 3-Nitroaniline
 Concen: 11.860 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

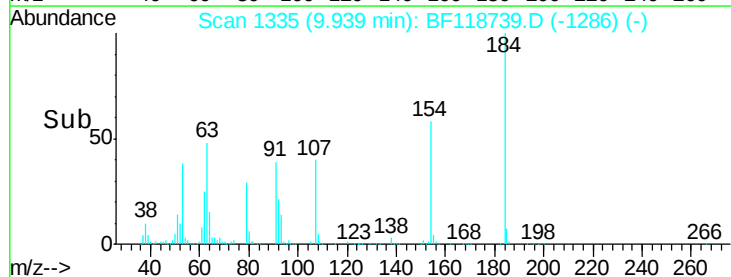
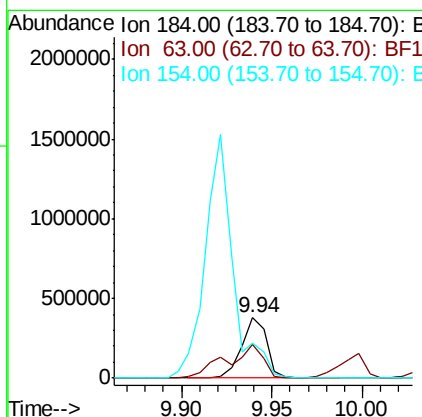
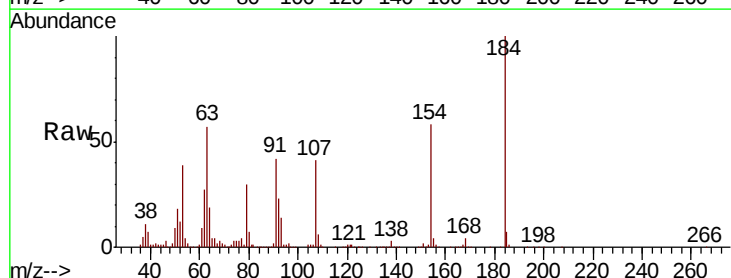
Instrument :
 BNA_F
 ClientSampleId :

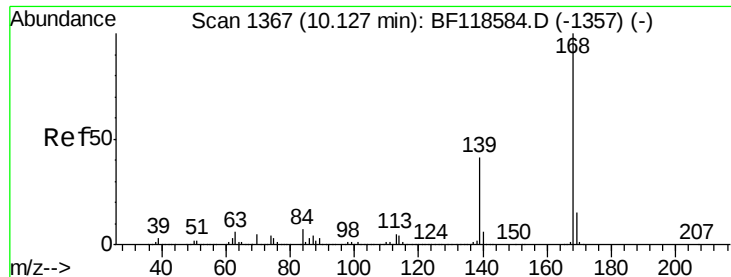
Tot Ion:138 Resp: 111733
 Ion Ratio Lower Upper
 138 100
 108 11.1 8.8 13.2
 92 110.4 87.8 131.6



#54
 2,4-Dinitrophenol
 Concen: 111.657 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

Tgt Ion:184 Resp: 367793
 Ion Ratio Lower Upper
 184 100
 63 56.8 36.0 54.0#
 154 58.3 44.6 66.8

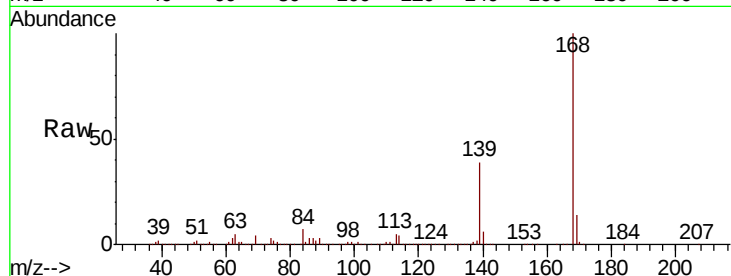




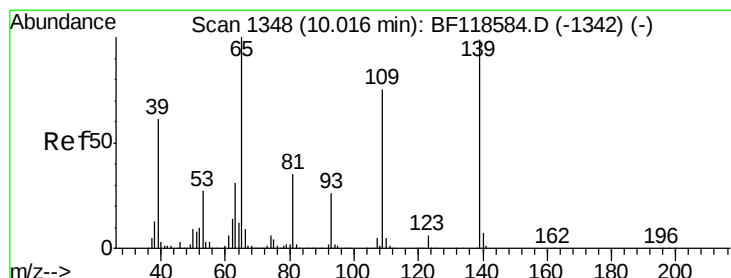
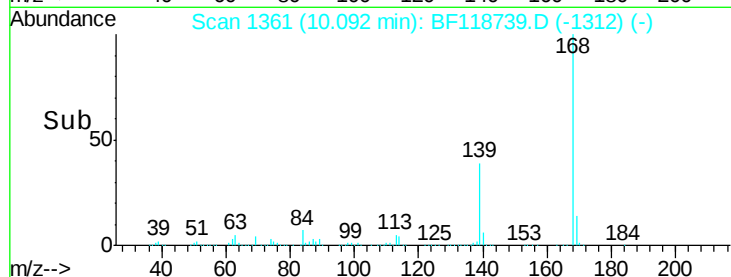
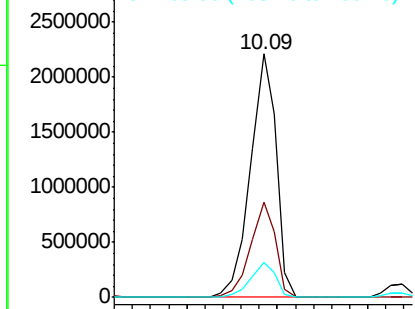
#55
Dibenzofuran
Concen: 51.062 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 2186865
Ion Ratio Lower Upper
168 100
139 39.2 31.6 47.4
169 14.2 11.4 17.0

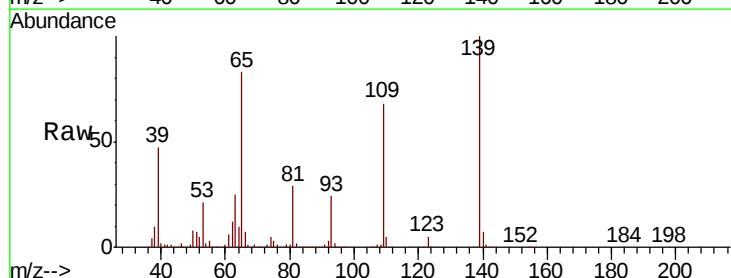


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

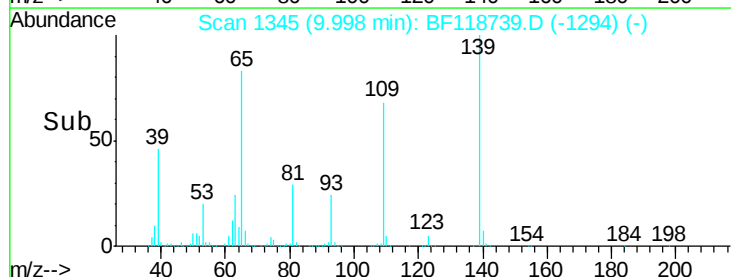
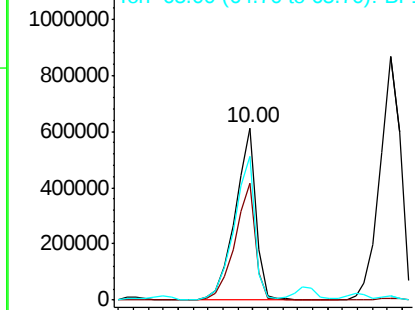


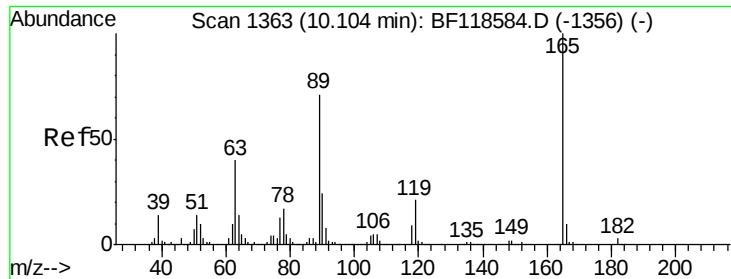
#56
4-Nitrophenol
Concen: 84.541 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion:139 Resp: 601272
Ion Ratio Lower Upper
139 100
109 67.6 47.0 87.0
65 83.3 65.7 105.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

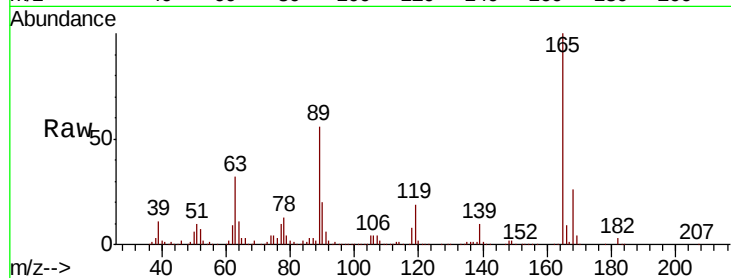




#57
 2,4-Dinitrotoluene
 Concen: 55.092 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165	Resp: 573035
Ion Ratio	Lower Upper
165 100	
63 32.2	28.5 42.7
89 56.1	50.4 75.6
182 3.2	2.3 3.5

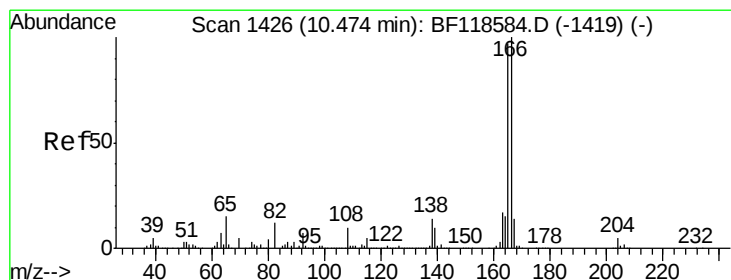
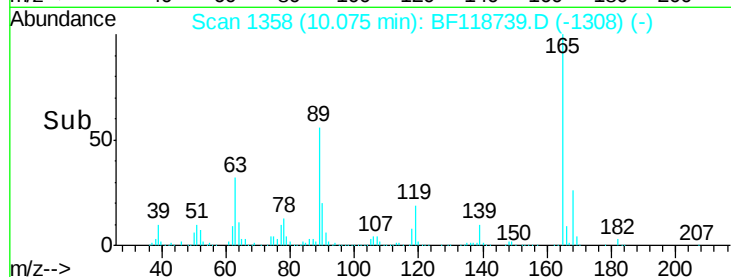
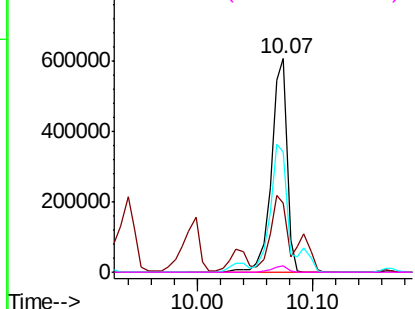


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

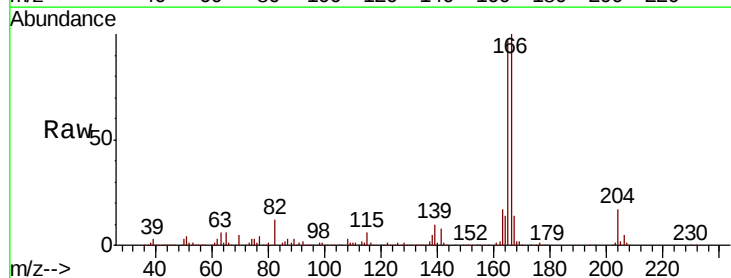
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 48.379 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

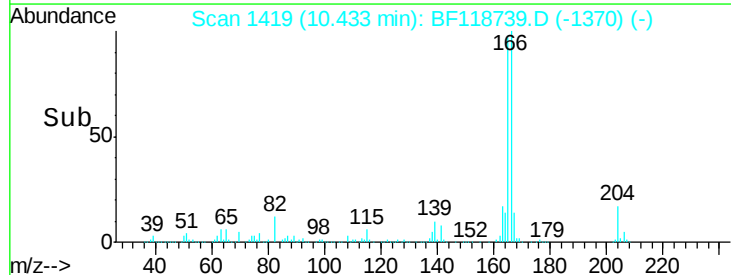
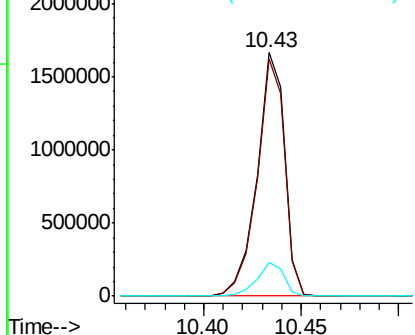
Tgt	Ion:166	Resp:	1626579
Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	118.0
167	13.9	11.4	17.2

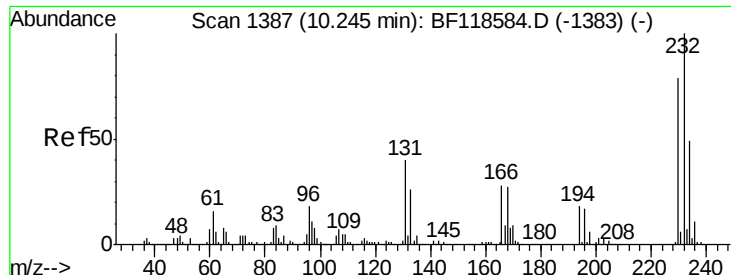


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

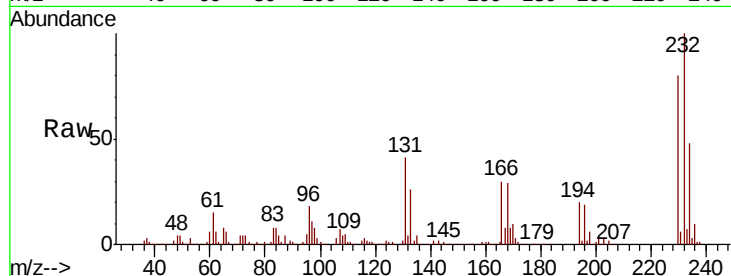




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.397 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.7	31.8	47.6
130	2.0	1.5	2.3
166	28.9	22.8	34.2



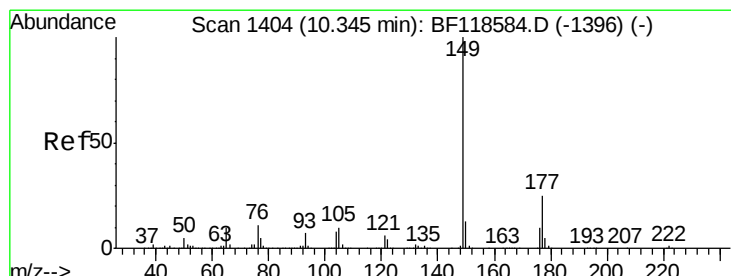
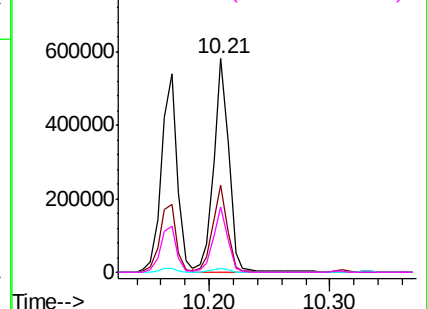
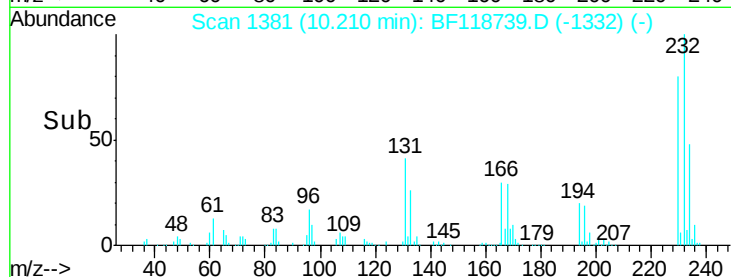
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

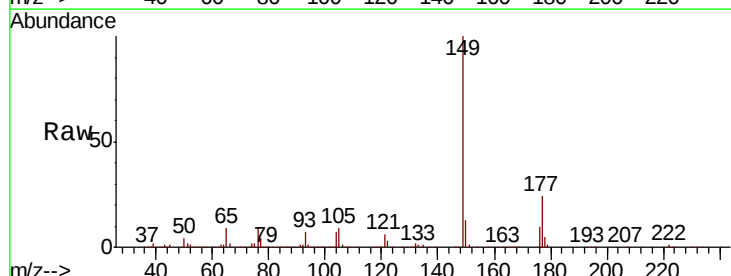
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.949 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.1	28.7
150	13.0	10.5	15.7

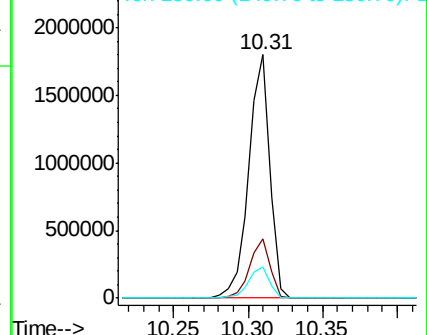
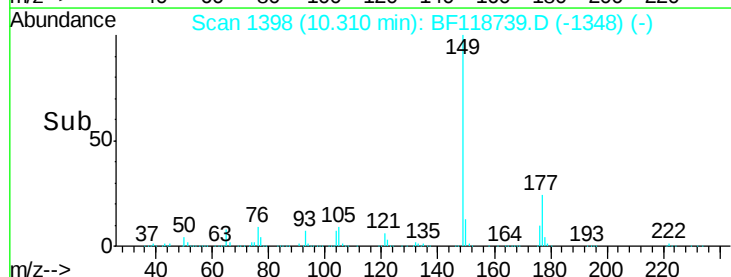


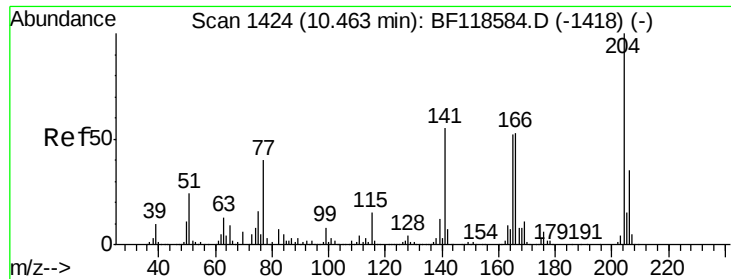
Abundance

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

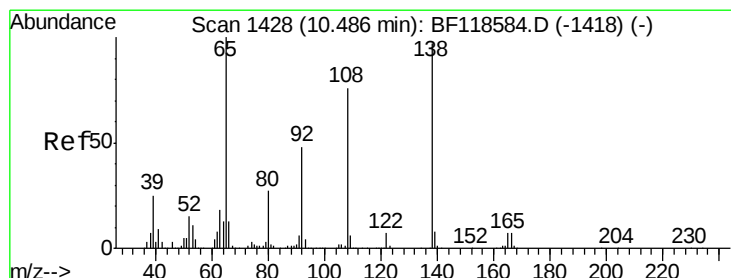
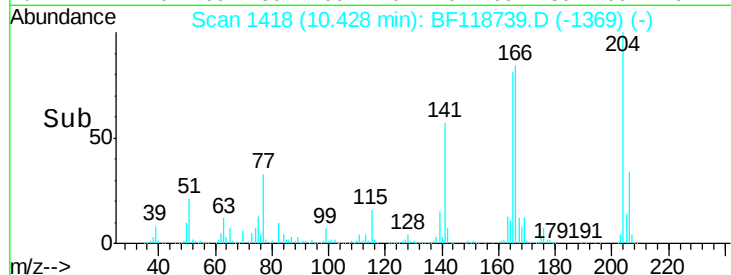
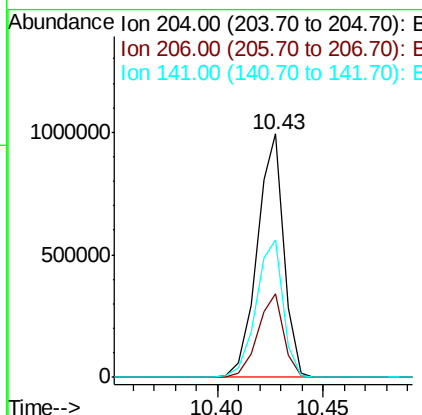
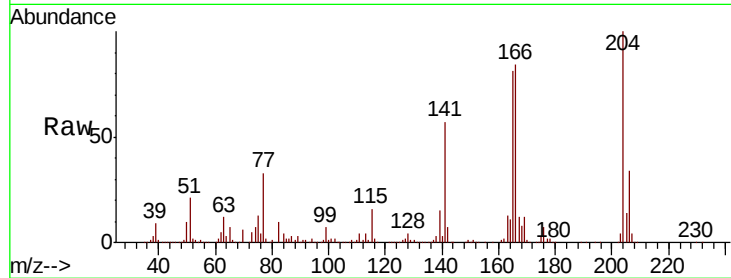




#61
 4-Chlorophenyl-phenylether
 Concen: 47.509 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

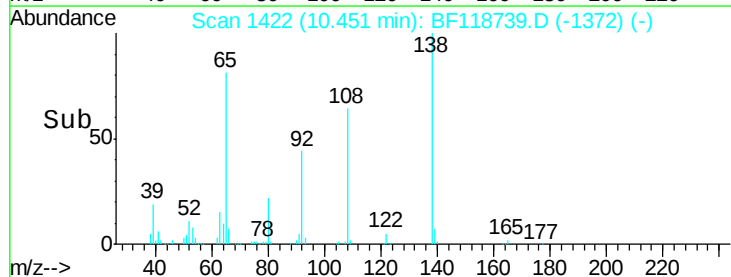
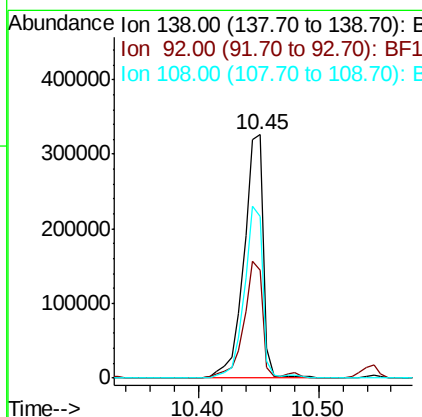
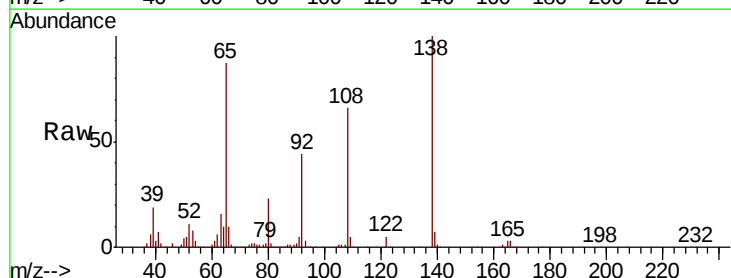
Instrument :
 BNA_F
 ClientSampled :

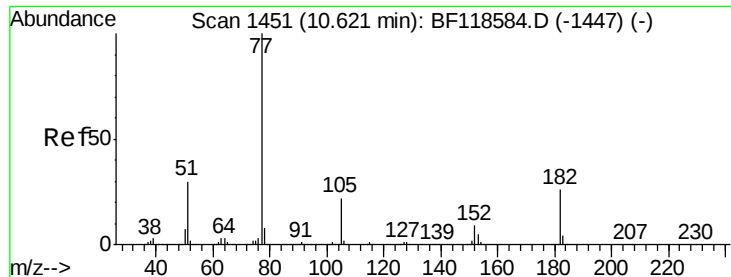
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.0	40.6
141	56.7	43.9	65.9



#62
 4-Nitroaniline
 Concen: 37.835 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.1	29.2	69.2
108	66.3	50.8	90.8

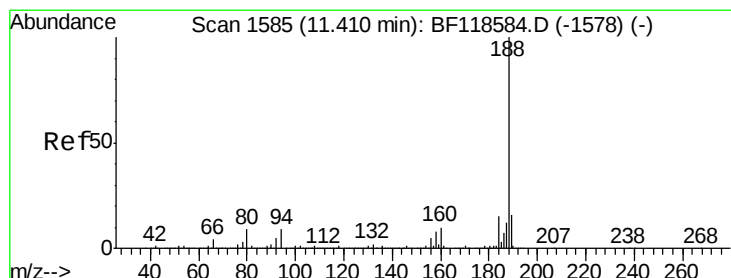
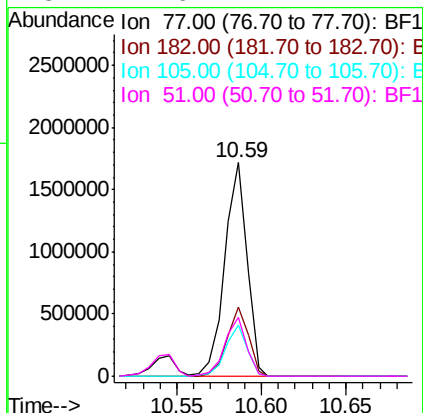
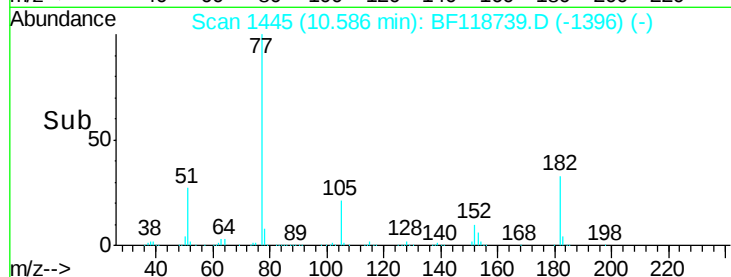
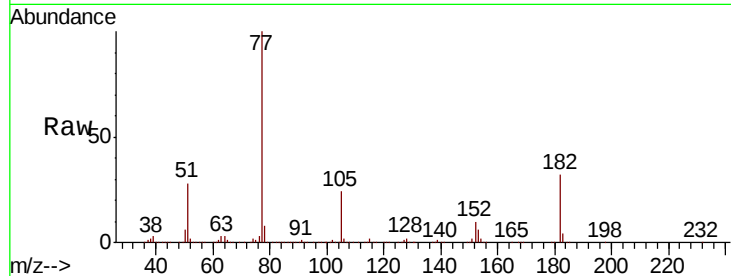




#63
Azobenzene
Concen: 45.446 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

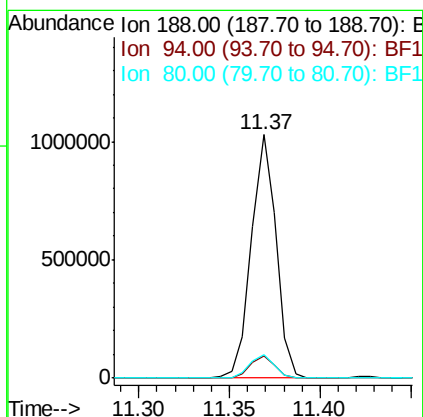
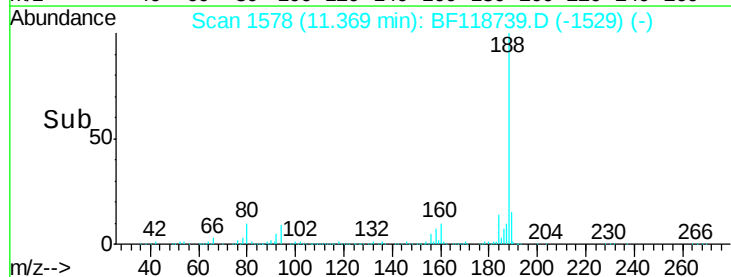
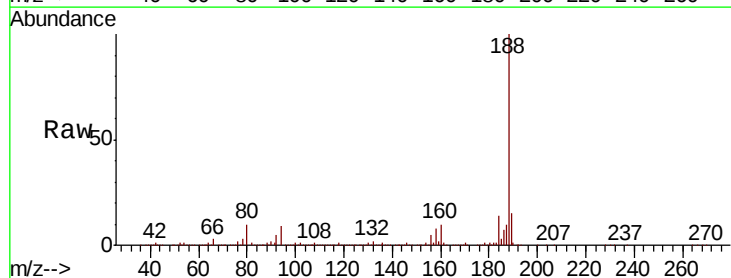
Instrument :
BNA_F
ClientSampleId :

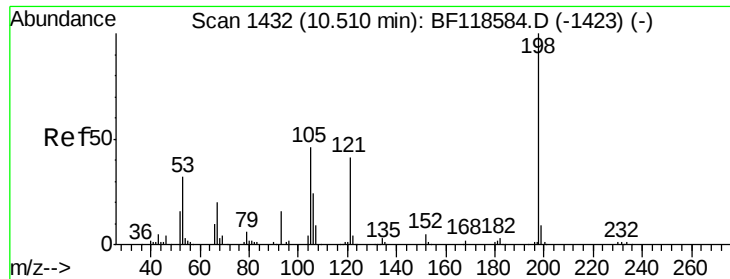
Tot Ion: 77 Resp: 1572353
Ion Ratio Lower Upper
77 100
182 32.1 12.3 52.3
105 23.9 4.0 44.0
51 27.6 7.2 47.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion: 188 Resp: 978786
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 9.7 7.8 11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 64.424 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

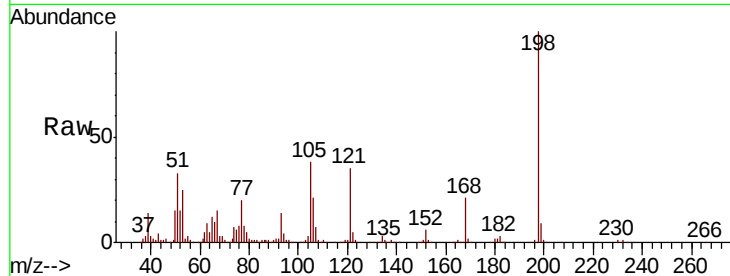
Tot Ion:198 Resp: 277279

Ion Ratio Lower Upper

198 100

51 33.1 9.6 49.6

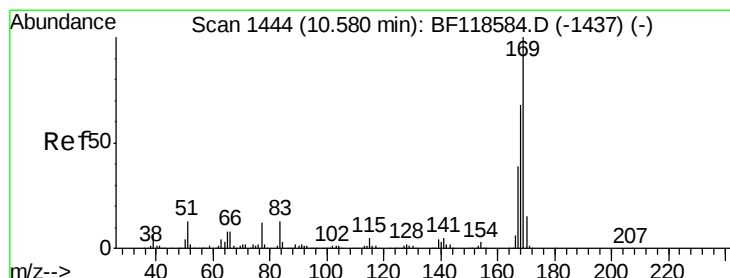
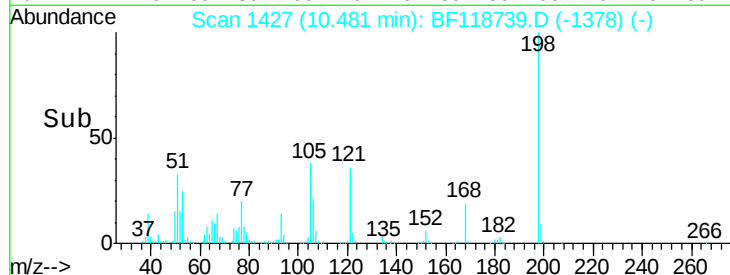
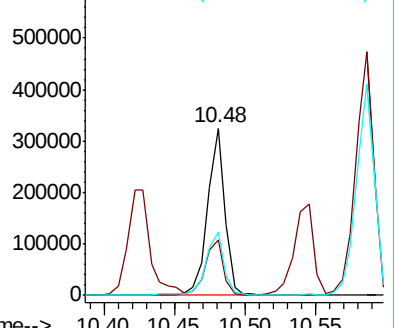
105 37.9 15.5 55.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.880 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

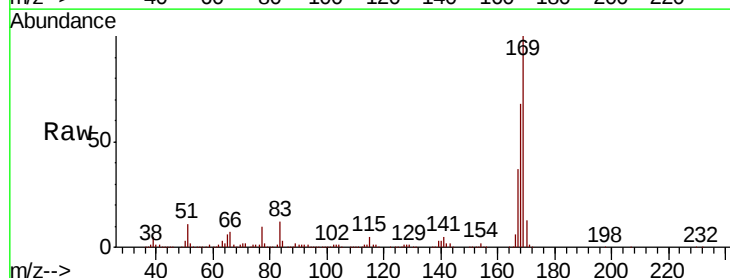
Tgt Ion:169 Resp: 1501879

Ion Ratio Lower Upper

169 100

168 67.6 53.4 80.0

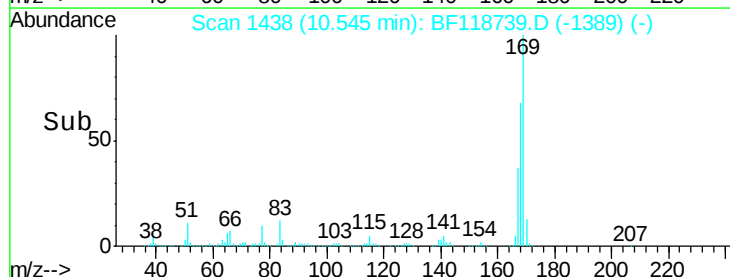
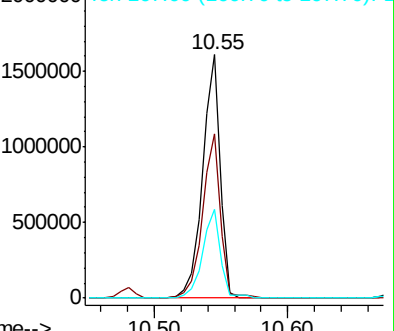
167 36.6 29.2 43.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

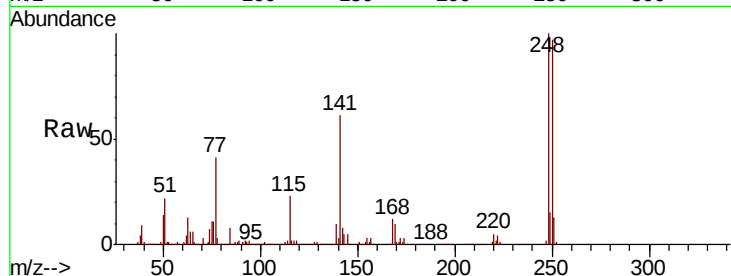




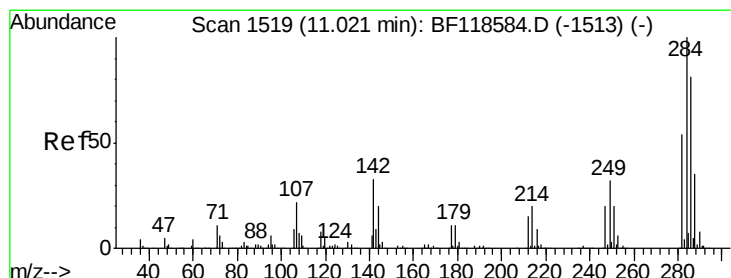
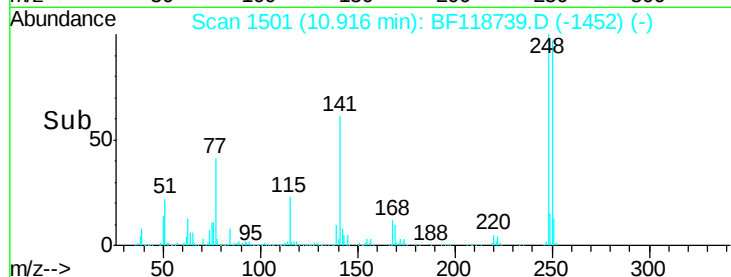
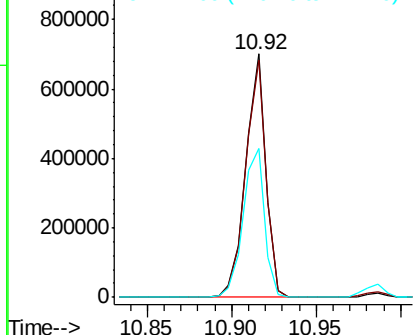
#67
4-Bromophenyl-phenylether
Concen: 48.333 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 584463
Ion Ratio Lower Upper
248 100
250 97.2 78.7 118.1
141 61.4 48.4 72.6

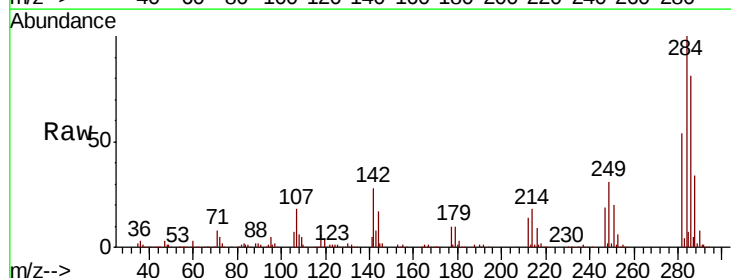


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

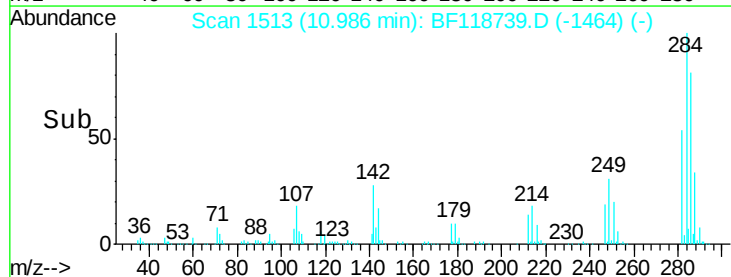
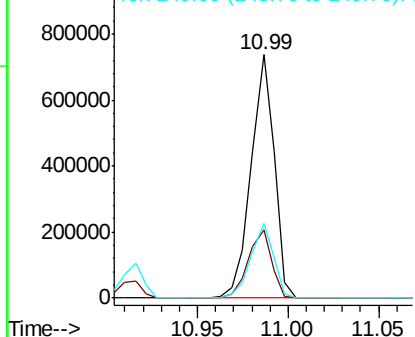


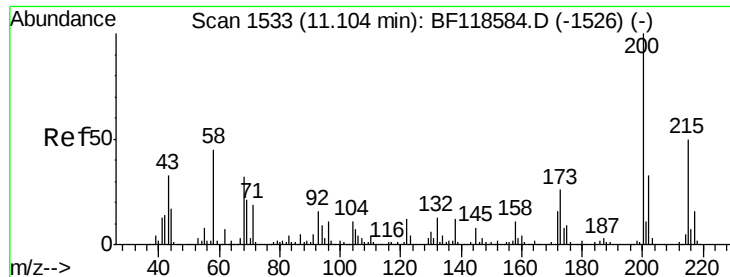
#68
Hexachlorobenzene
Concen: 47.932 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion:284 Resp: 657131
Ion Ratio Lower Upper
284 100
142 28.3 23.1 34.7
249 30.5 24.0 36.0



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

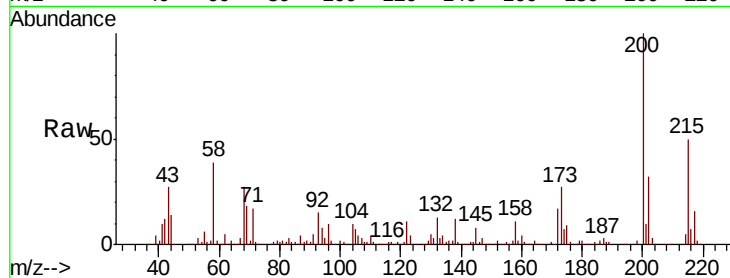




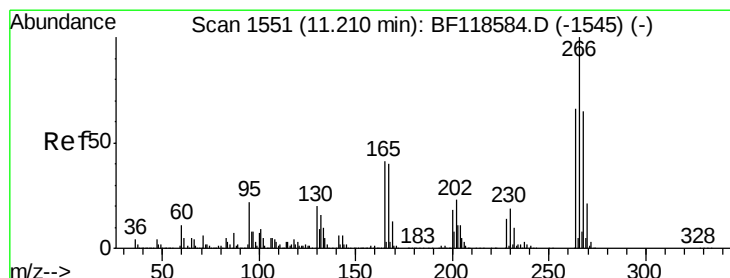
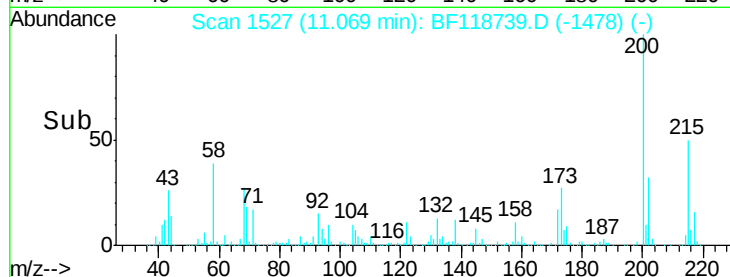
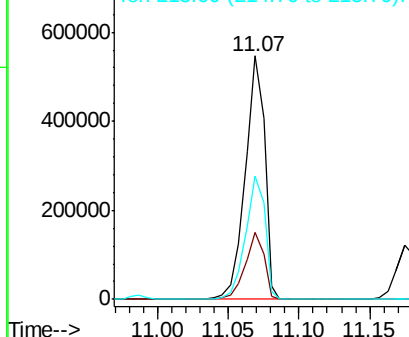
#69
Atrazine
Concen: 51.538 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 527283
Ion Ratio Lower Upper
200 100
173 27.3 6.8 46.8
215 50.4 30.4 70.4

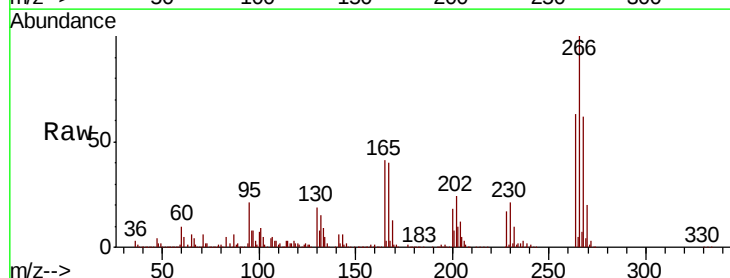


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

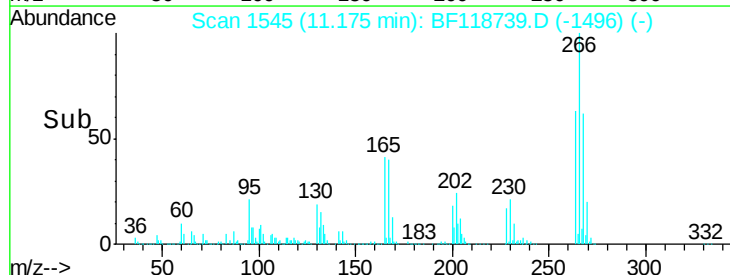
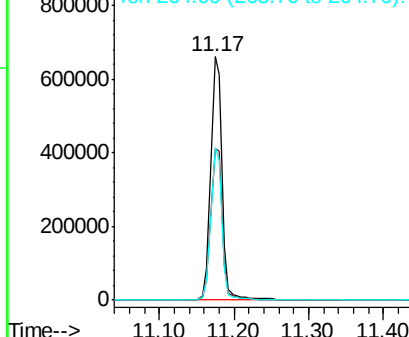


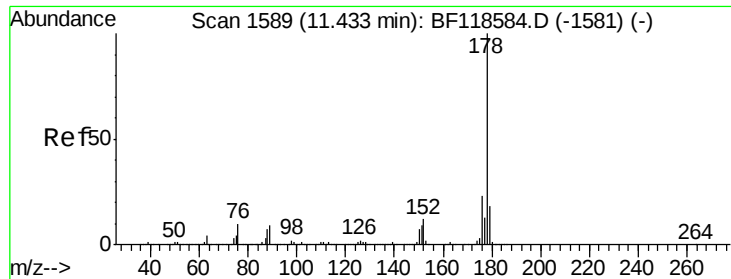
#70
Pentachlorophenol
Concen: 90.995 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion:266 Resp: 693604
Ion Ratio Lower Upper
266 100
268 62.3 51.6 77.4
264 62.9 50.9 76.3



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

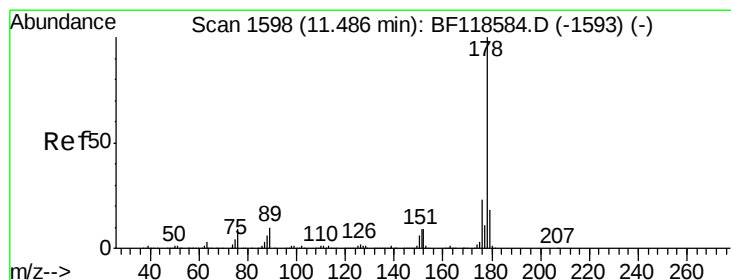
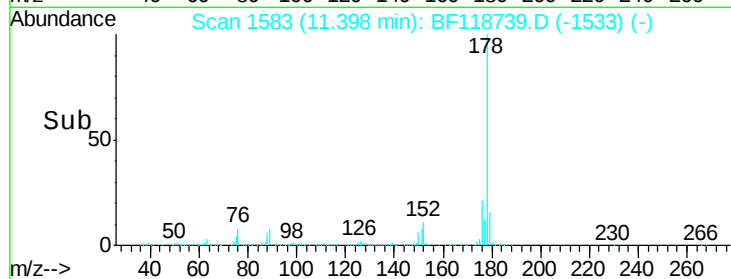
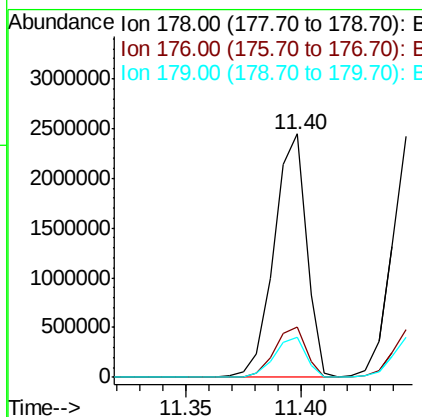
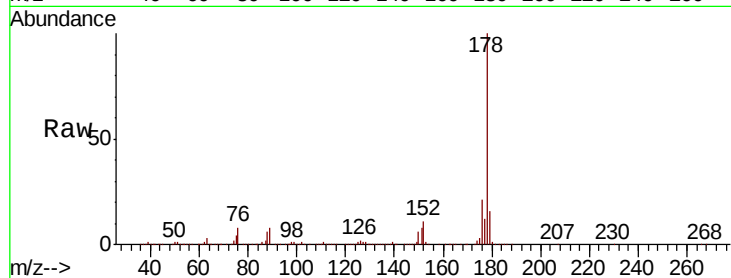




#71
Phenanthrene
Concen: 50.332 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

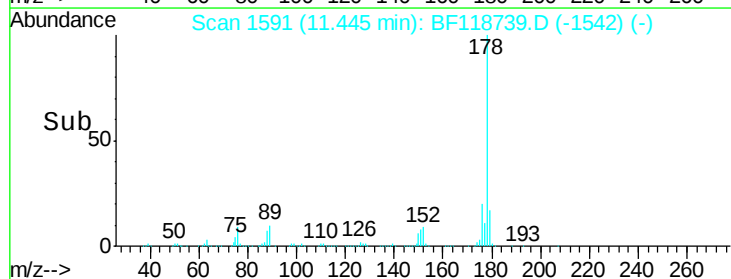
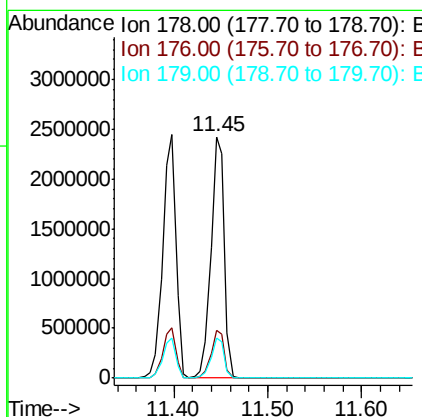
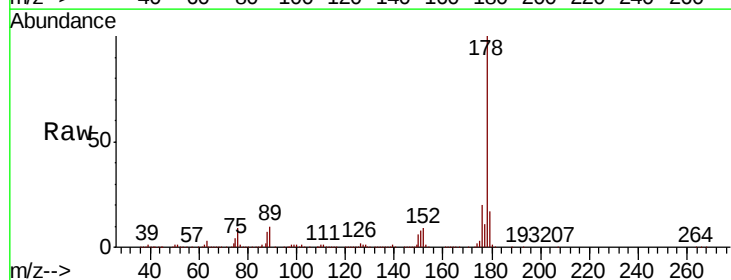
Instrument :
BNA_F
ClientSampled :

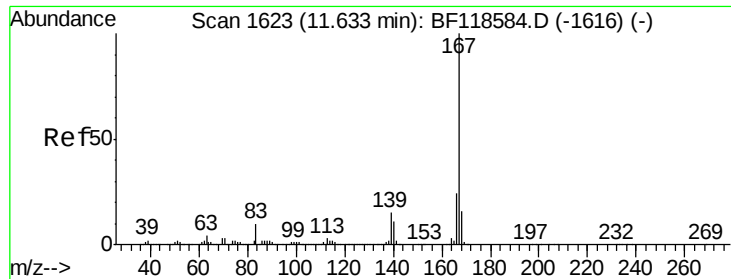
Tot Ion:178 Resp: 2376697
Ion Ratio Lower Upper
178 100
176 20.7 16.5 24.7
179 16.5 13.3 19.9



#72
Anthracene
Concen: 52.529 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion:178 Resp: 2454396
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.6 13.3 19.9



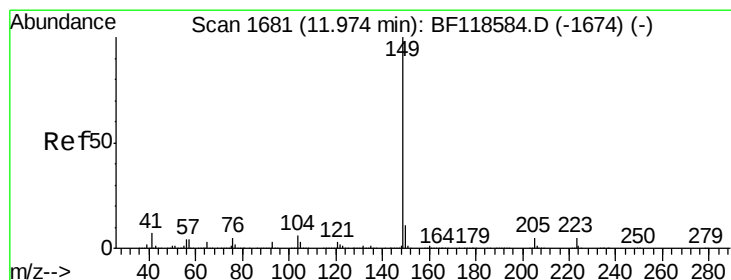
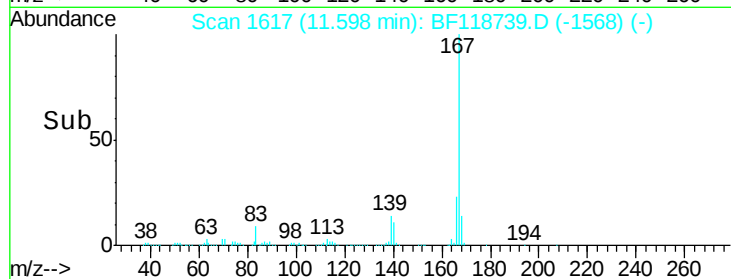
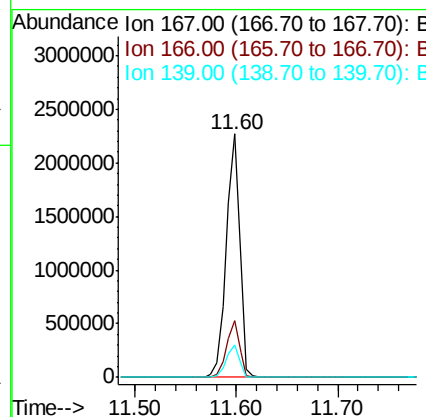
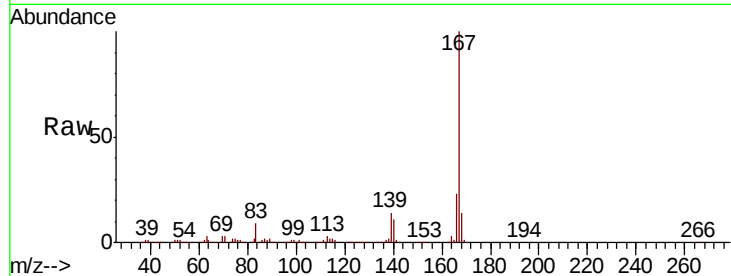


#73
 Carbazole
 Concen: 48.537 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2080178

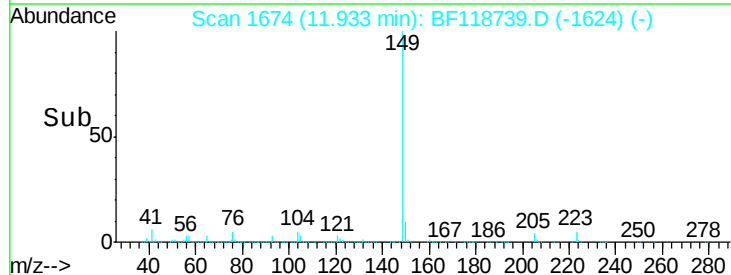
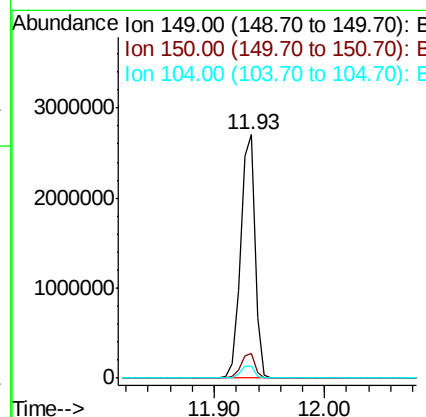
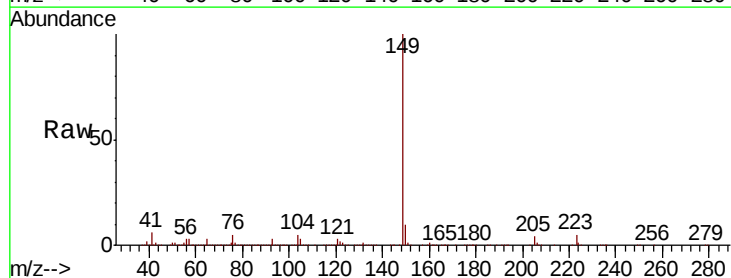
Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	13.5	11.0	16.4



#74
 Di-n-butylphthalate
 Concen: 52.142 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

Tgt Ion:149 Resp: 2482786

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	4.8	4.2	6.4





#75

Fluoranthene

Concen: 48.382 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

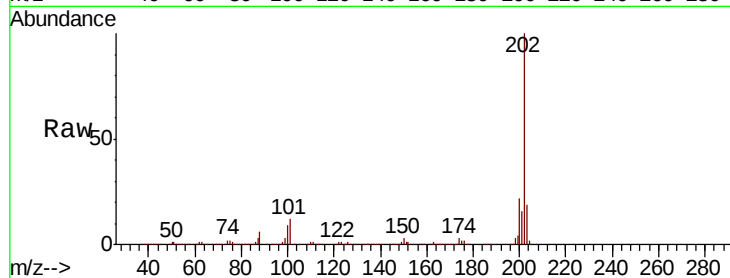
Tot Ion:202 Resp: 2409616

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.1

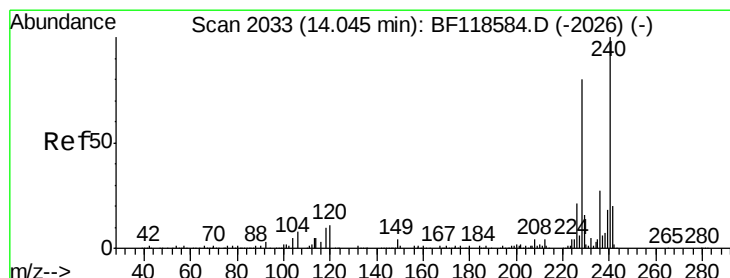
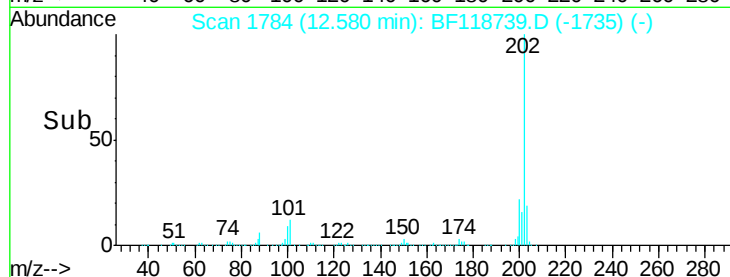
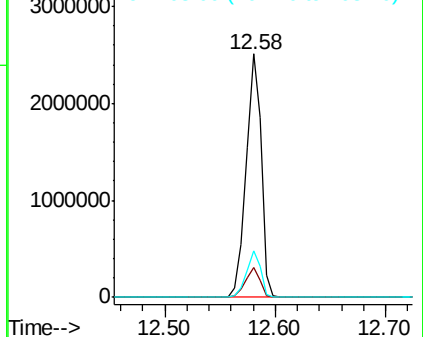
203 18.9 0.0 38.9



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: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

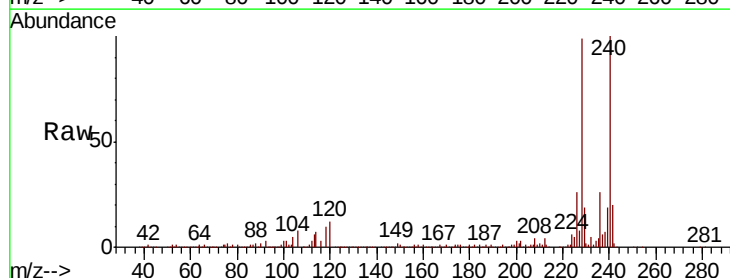
Tgt Ion:240 Resp: 626329

Ion Ratio Lower Upper

240 100

120 11.7 7.6 11.4#

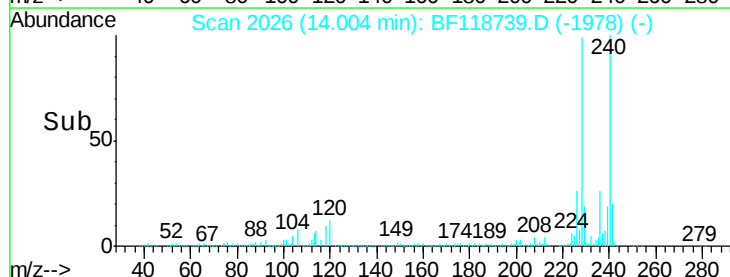
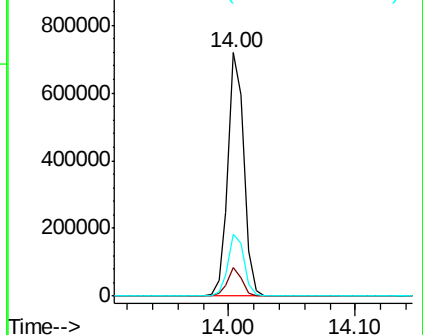
236 25.6 21.0 31.4

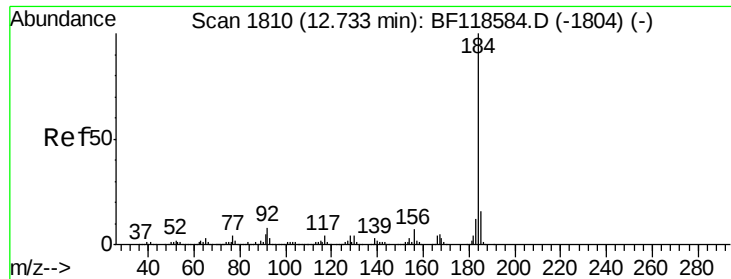


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.170 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

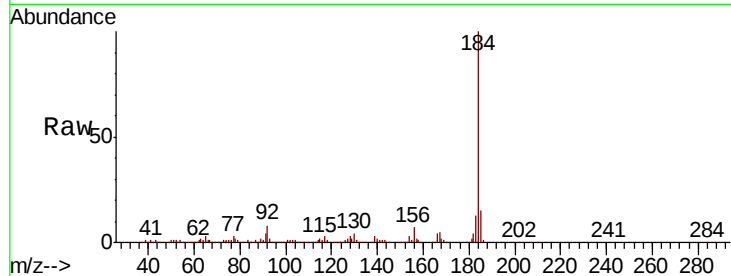
Tot Ion:184 Resp: 672239

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

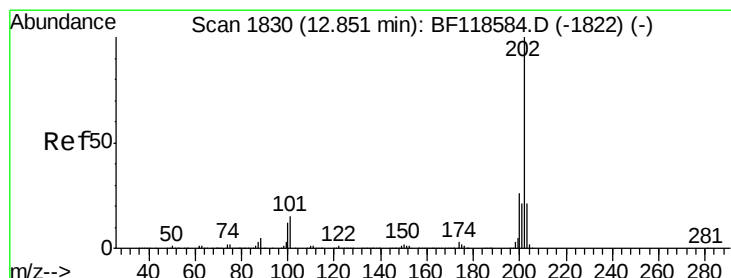
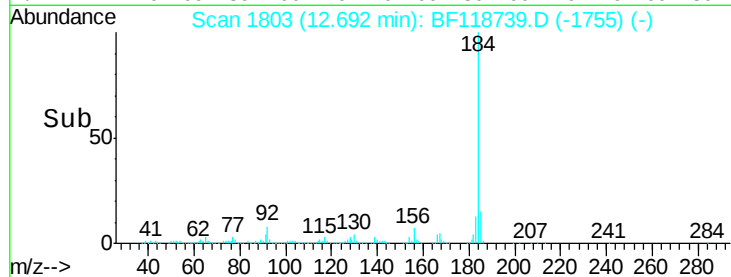
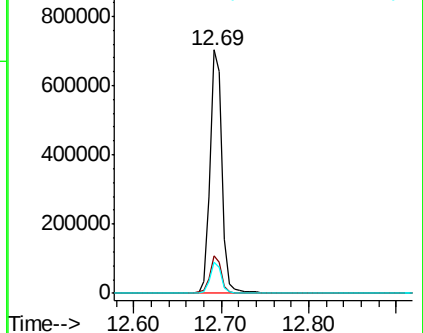
183 12.6 9.7 14.5



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: 56.531 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

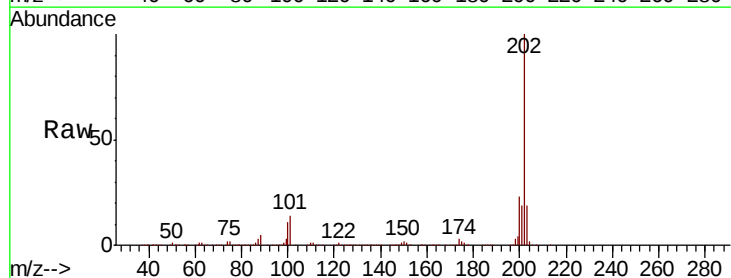
Tgt Ion:202 Resp: 2403838

Ion Ratio Lower Upper

202 100

200 22.5 18.1 27.1

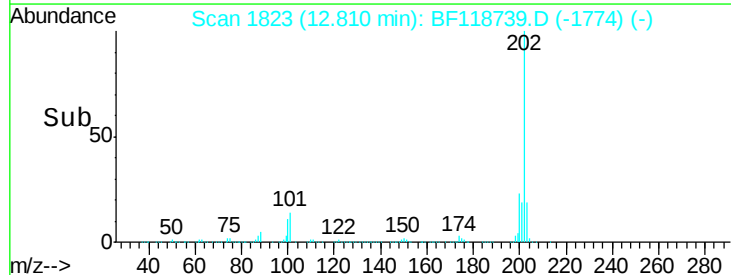
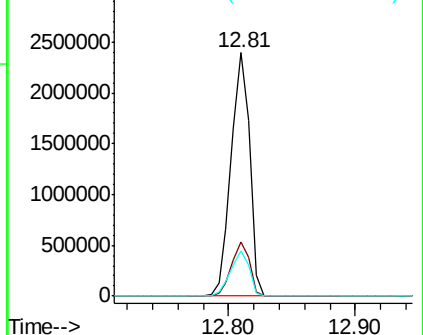
203 18.7 15.2 22.8

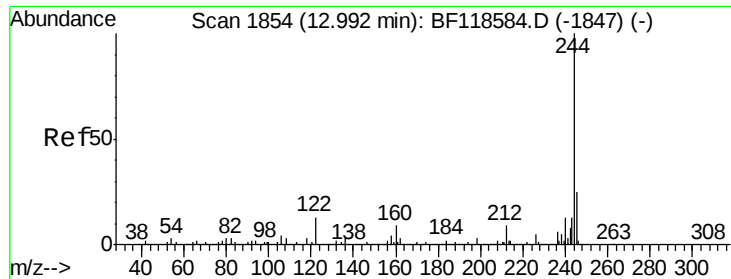


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 115.089 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

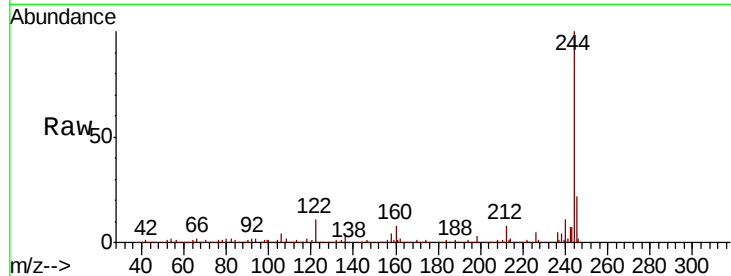
Tot Ion:244 Resp: 3304937

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

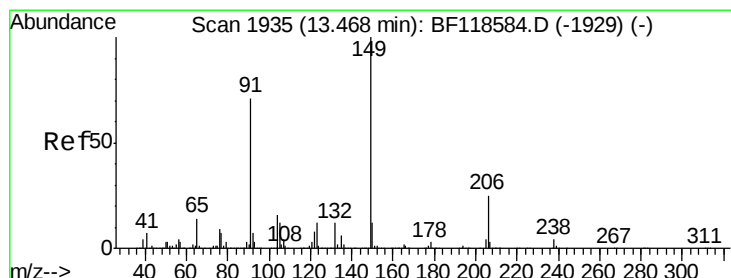
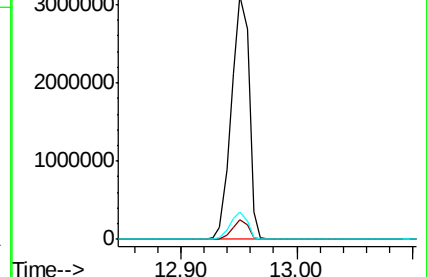
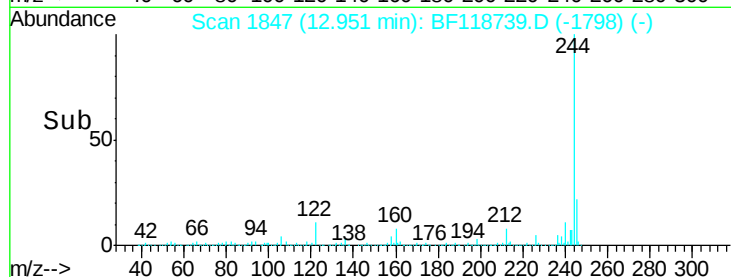
122 11.4 9.2 13.8



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: 56.918 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

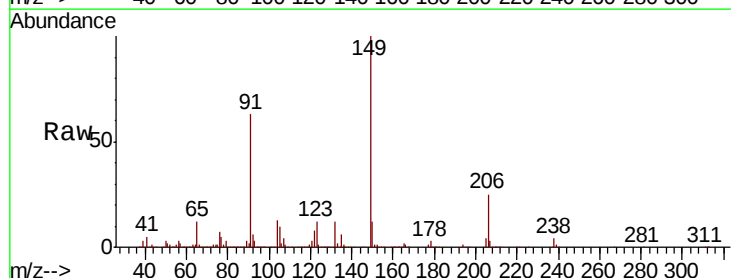
Tgt Ion:149 Resp: 990519

Ion Ratio Lower Upper

149 100

91 62.7 49.6 74.4

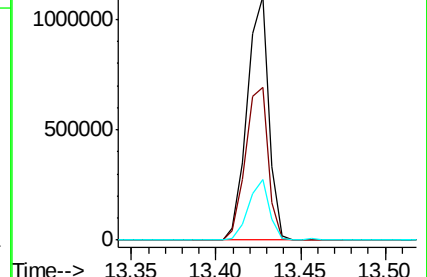
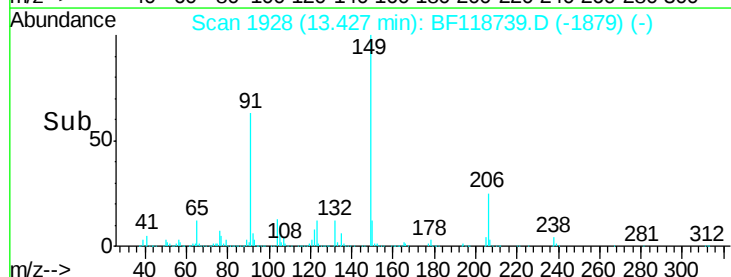
206 25.0 19.9 29.9

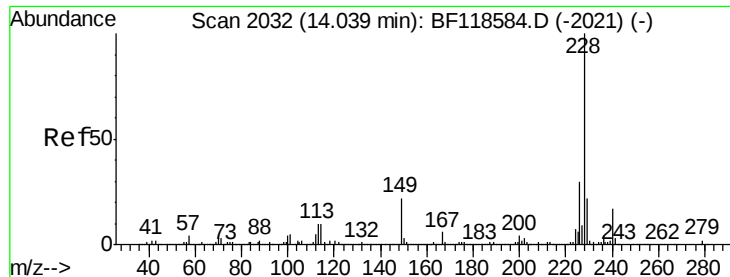


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.777 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

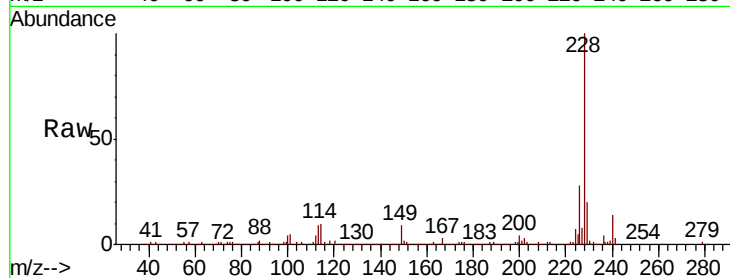
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1950797

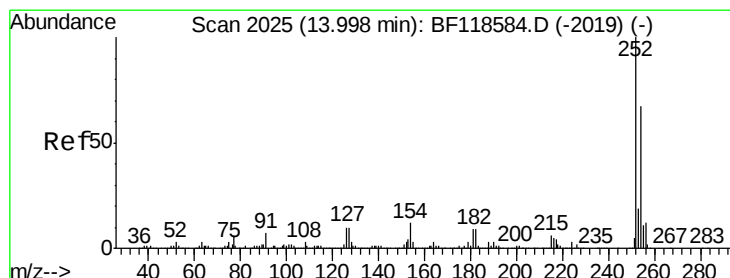
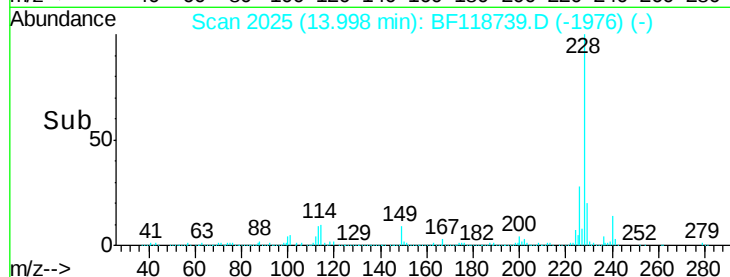
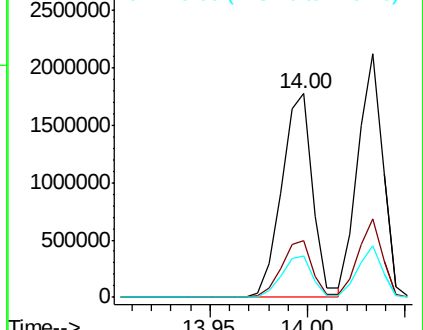
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	34.0
229	20.3	16.6	25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.477 ng

RT: 13.95 min Scan# 2017

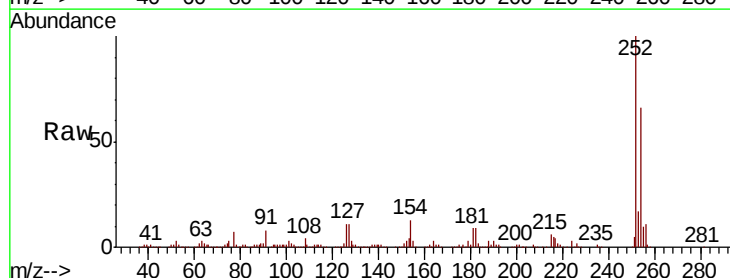
Delta R.T. -0.02 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Tgt Ion:252 Resp: 288343

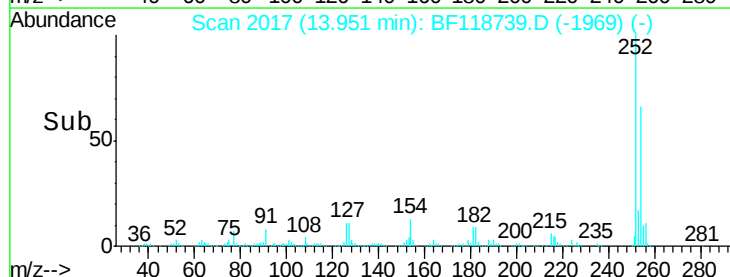
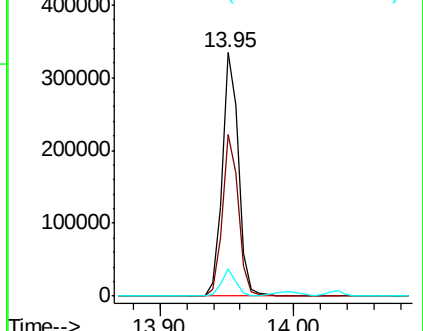
Ion	Ratio	Lower	Upper
252	100		
254	66.3	52.6	78.8
126	11.0	8.1	12.1

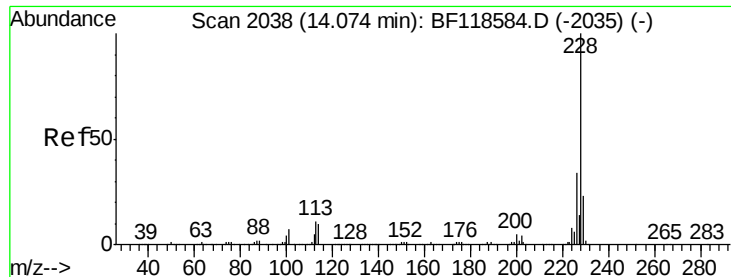


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

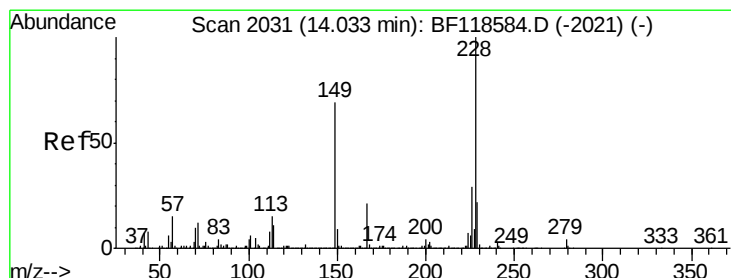
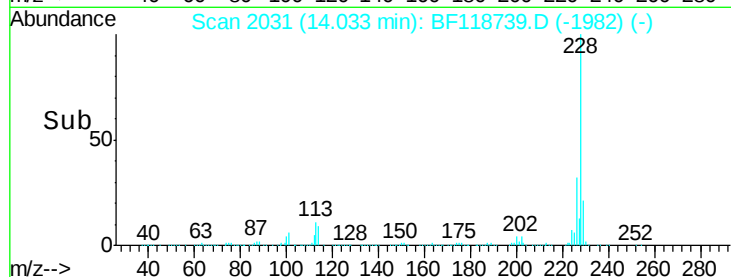
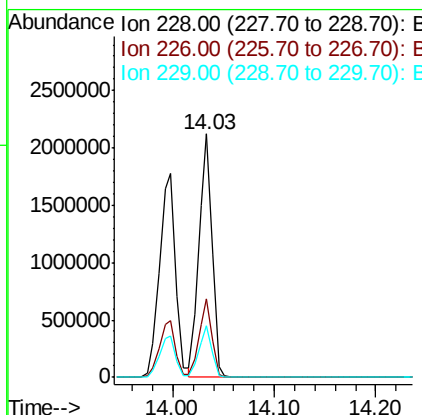
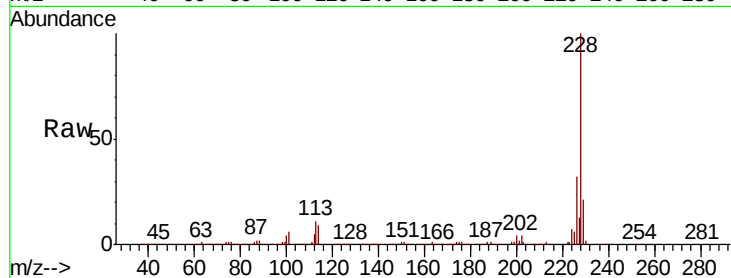




#83
 Chrvsene
 Concen: 52.525 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

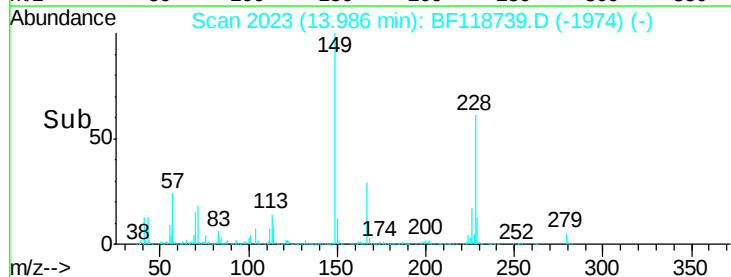
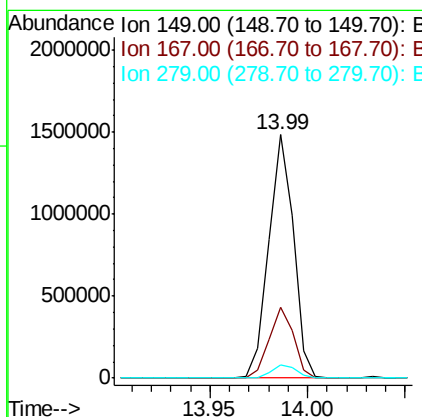
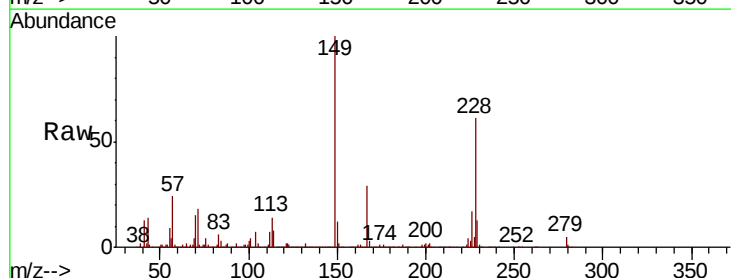
Instrument :
 BNA_F
 ClientSampleId :

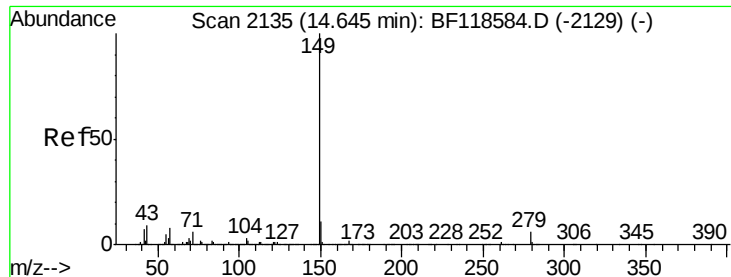
Tot Ion:228 Resp: 1896668
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.6 38.4
 229 21.0 17.1 25.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.490 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF118739.D
 Acq: 29 Jan 2020 18:50

Tgt Ion:149 Resp: 1307369
 Ion Ratio Lower Upper
 149 100
 167 29.2 23.6 35.4
 279 5.3 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 69.895 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

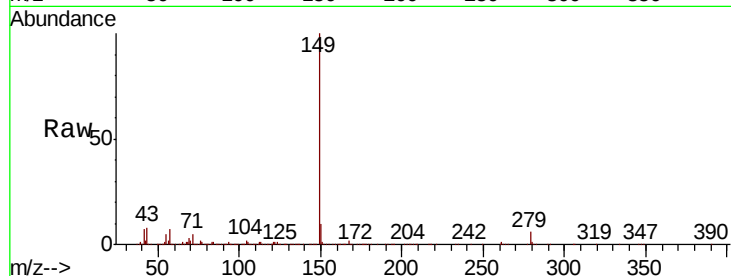
Tot Ion:149 Resp: 2199642

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

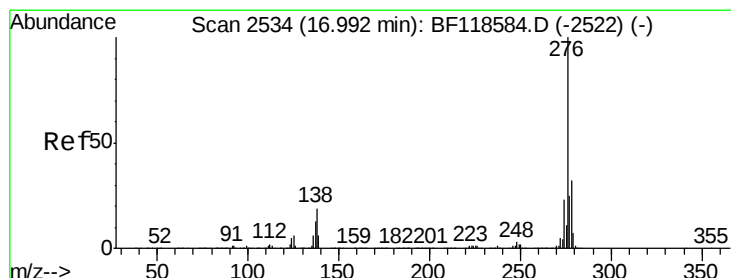
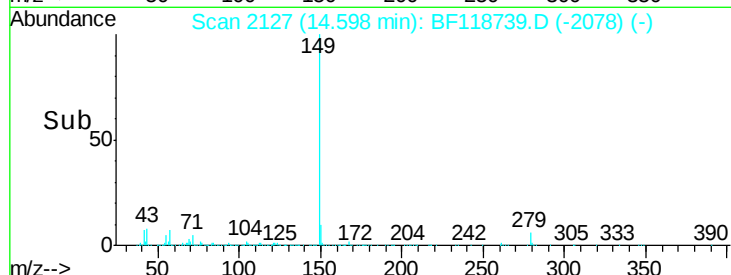
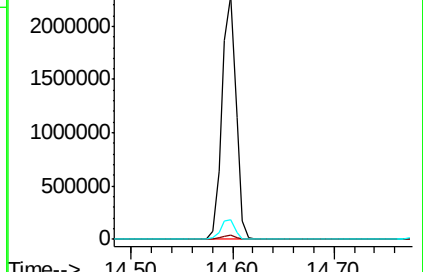
43 8.1 6.6 10.0



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: 84.198 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

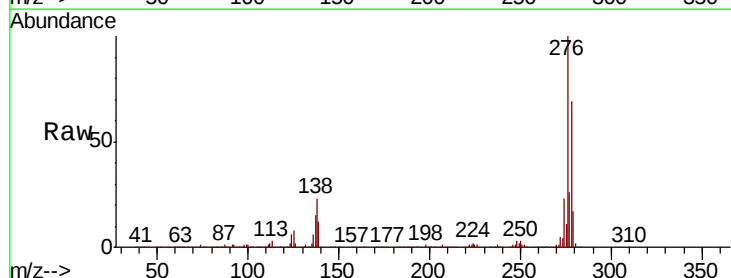
Tgt Ion:276 Resp: 2641764

Ion Ratio Lower Upper

276 100

138 23.1 18.2 27.4

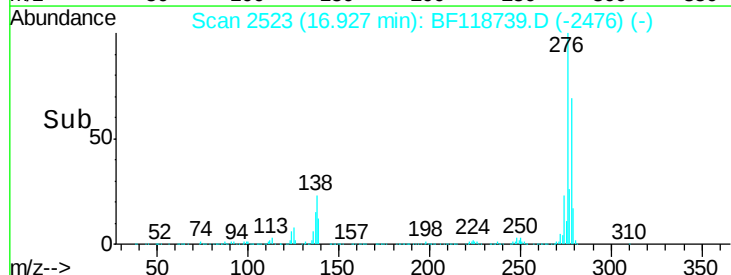
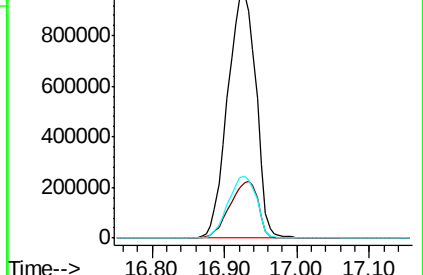
277 25.5 20.4 30.6

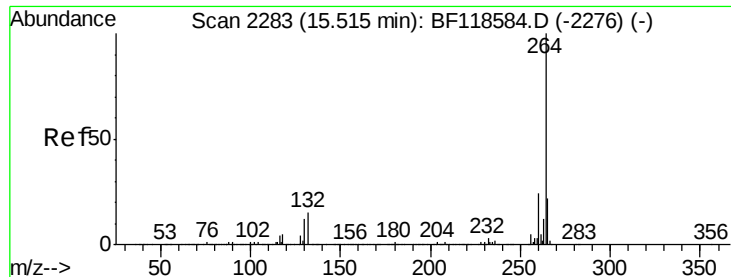


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Instrument :

BNA_F

ClientSampleId :

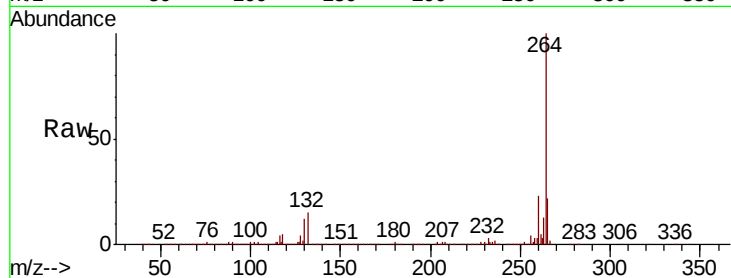
Tot Ion:264 Resp: 714798

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

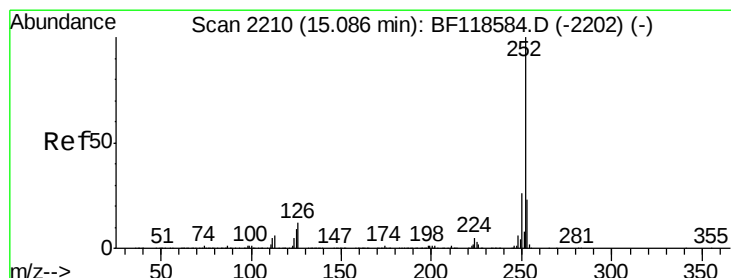
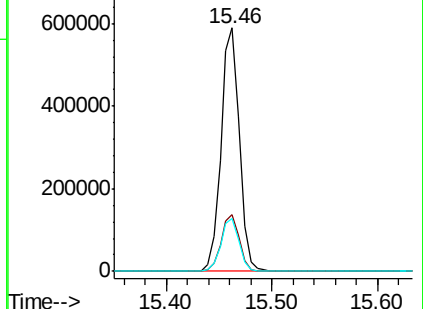
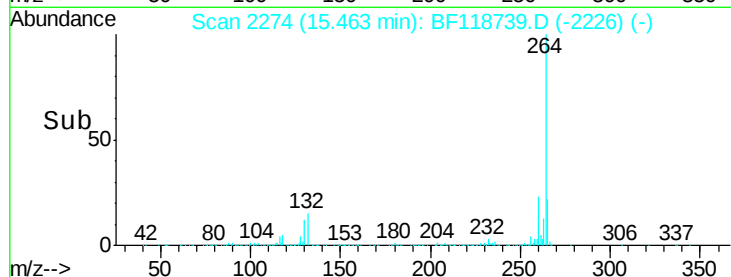
265 21.9 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.911 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

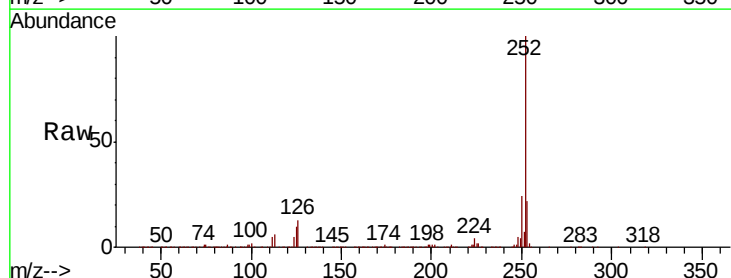
Tgt Ion:252 Resp: 2242511

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

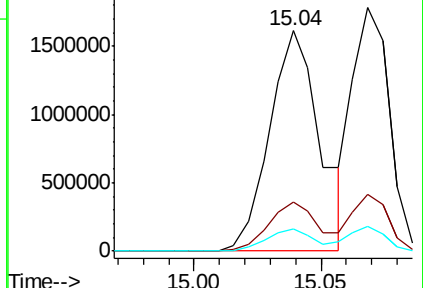
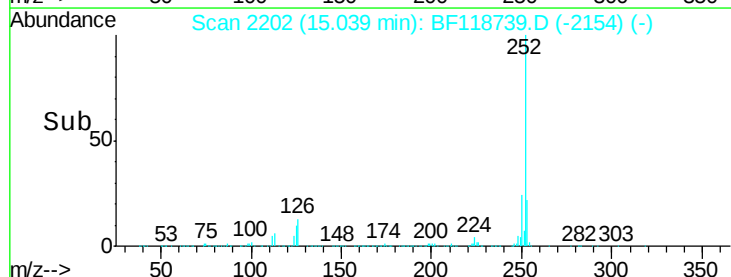
125 10.0 7.7 11.5

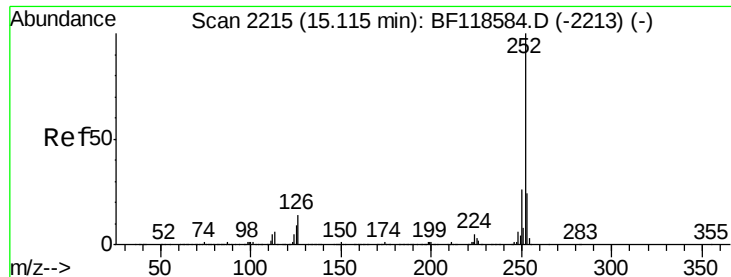


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

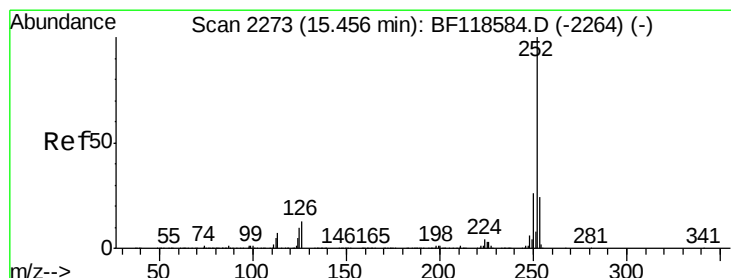
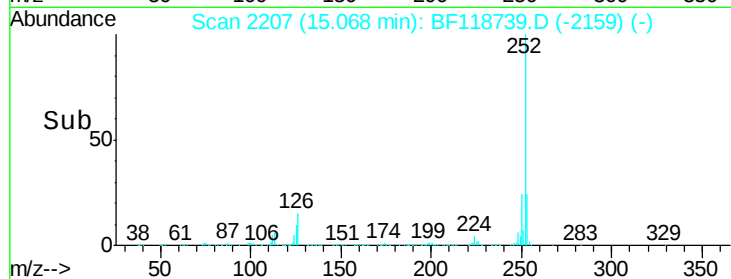
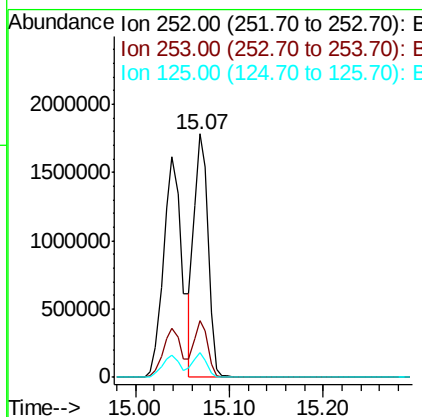
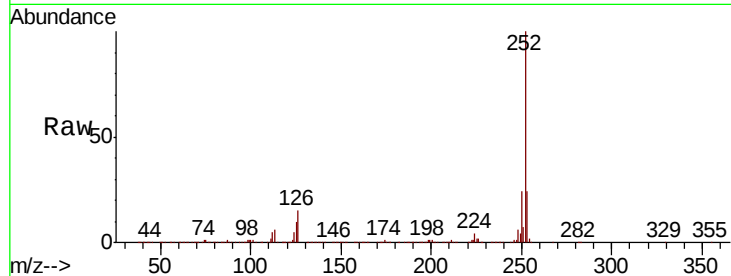




#89
Benzo(k)fluoranthene
Concen: 43.919 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

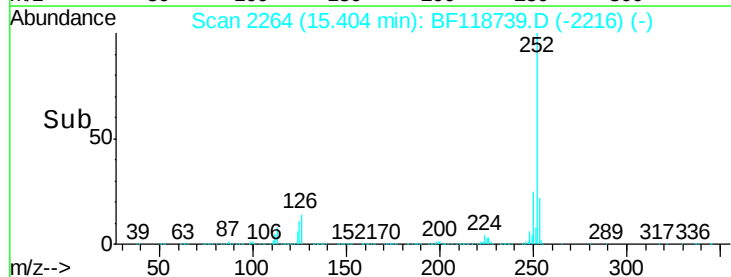
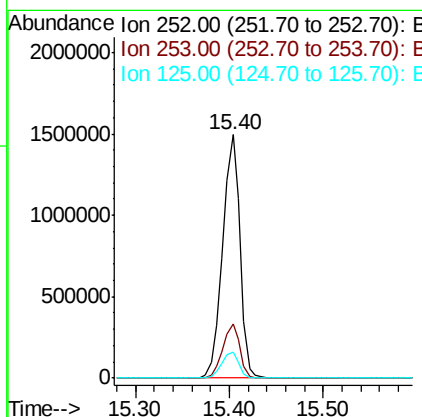
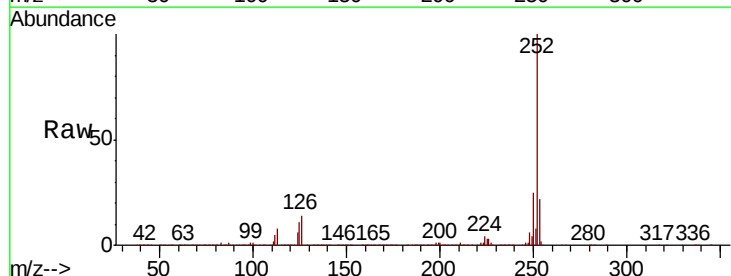
Instrument :
BNA_F
ClientSampled :

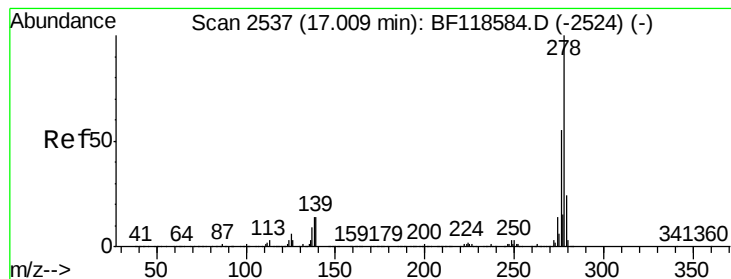
Tot Ion:252 Resp: 1828176
Ion Ratio Lower Upper
252 100
253 23.6 18.4 27.6
125 10.3 8.1 12.1



#90
Benzo(a)pyrene
Concen: 49.597 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118739.D
Acq: 29 Jan 2020 18:50

Tgt Ion:252 Resp: 1922285
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 10.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 63.492 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.03 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

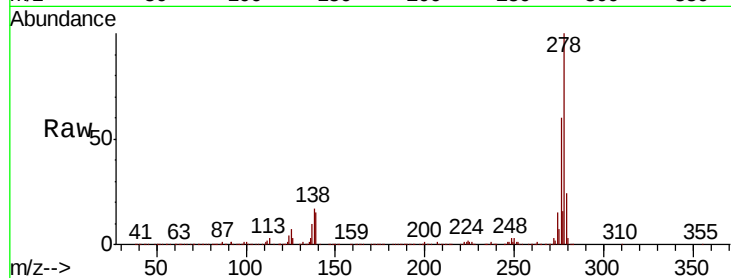
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2176744

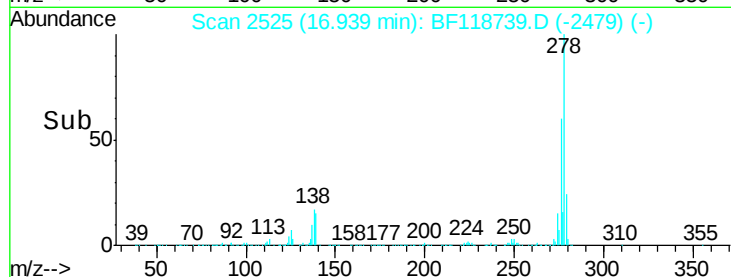
Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.8	17.6
279	24.4	19.1	28.7



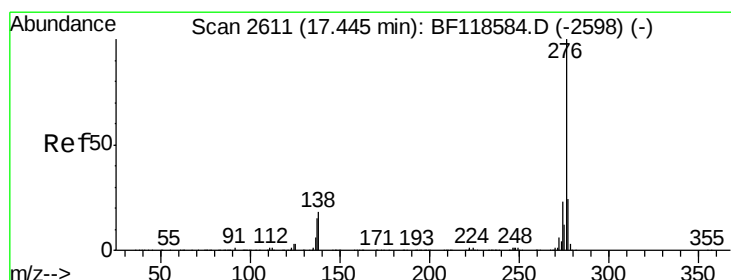
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 68.405 ng

RT: 17.37 min Scan# 2598

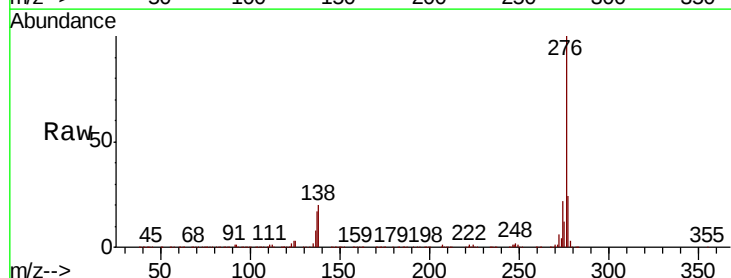
Delta R.T. -0.02 min

Lab File: BF118739.D

Acq: 29 Jan 2020 18:50

Tgt Ion:276 Resp: 2277042

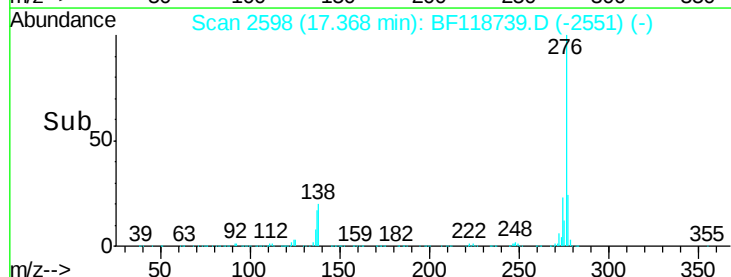
Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	20.1	15.4	23.2



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



Time-->