

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119218.D
 Acq On : 5 Mar 2020 17:57
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:27:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	136124	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	515894	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	292016	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	541496	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	402787	20.00	ng	-0.02
87) Perylene-d12	15.31	264	375989	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	667401	81.94	ng	-0.02
7) Phenol-d6	6.39	99	794724	80.22	ng	-0.02
23) Nitrobenzene-d5	7.30	82	770430	78.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	294372	77.06	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1500271	75.69	ng	-0.02
79) Terphenyl-d14	12.83	244	1870544	79.95	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	133596	36.838	ng	99
3) Pyridine	3.12	79	365268	36.880	ng	99
4) n-Nitrosodimethylamine	3.07	42	123475	41.154	ng	94
6) Aniline	6.39	93	478049	39.109	ng	# 73
8) 2-Chlorophenol	6.52	128	356764	40.586	ng	100
9) Benzaldehyde	6.27	77	225997	34.146	ng	98
10) Phenol	6.40	94	436147	40.721	ng	98
11) bis(2-Chloroethyl)ether	6.46	93	332916	40.624	ng	96
12) 1,3-Dichlorobenzene	6.67	146	422428	40.094	ng	98
13) 1,4-Dichlorobenzene	6.75	146	426902	40.491	ng	98
14) 1,2-Dichlorobenzene	6.90	146	391085	40.673	ng	100
15) Benzyl Alcohol	6.88	79	300987	42.039	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	282644	39.815	ng	# 41
17) 2-Methylphenol	7.00	107	285556	40.067	ng	94
18) Hexachloroethane	7.23	117	151686	40.214	ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	249873	43.288	ng	98
20) 3+4-Methylphenols	7.16	107	380839	43.617	ng	# 87
22) Acetophenone	7.14	105	495181	41.485	ng	95
24) Nitrobenzene	7.32	77	380855	39.417	ng	100
25) Isophorone	7.56	82	667615	39.344	ng	100
26) 2-Nitrophenol	7.63	139	201780	39.414	ng	96
27) 2,4-Dimethylphenol	7.67	122	269114	38.732	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	424587	38.442	ng	100
29) 2,4-Dichlorophenol	7.88	162	319791	39.096	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	368182	37.965	ng	99
31) Naphthalene	8.03	128	1051414	39.298	ng	99
32) Benzoic acid	7.85	122	191331	39.167	ng	99
33) 4-Chloroaniline	8.09	127	445978	38.755	ng	99
34) Hexachlorobutadiene	8.15	225	234173	38.765	ng	100
35) Caprolactam	8.47	113	78248	31.068	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	335990	40.588	ng	99
37) 2-Methylnaphthalene	8.72	142	709022	39.378	ng	99
38) 1-Methylnaphthalene	8.82	142	671264	39.642	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	371000	37.682	ng	100

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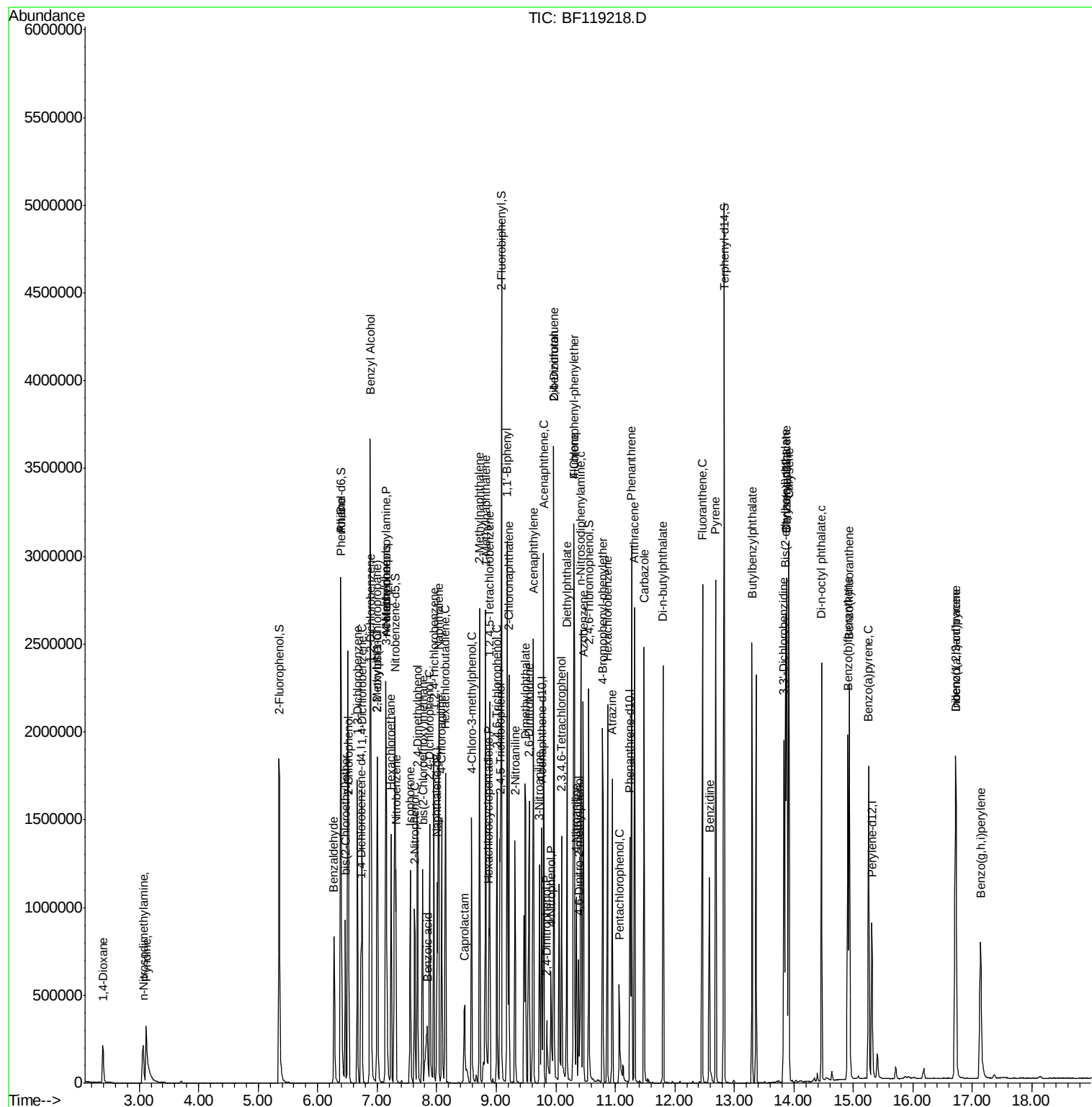
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	106006	35.500	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	232919	37.462	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	234680	35.970	nq	99
46) 1,1'-Biphenyl	9.19	154	912431	38.661	nq	98
47) 2-Chloronaphthalene	9.21	162	728519	38.305	nq	99
48) 2-Nitroaniline	9.32	65	213590	40.265	nq	98
49) Acenaphthylene	9.63	152	1055551	38.427	nq	98
50) Dimethylphthalate	9.49	163	869528	38.940	nq	99
51) 2,6-Dinitrotoluene	9.56	165	187957	37.886	nq	89
52) Acenaphthene	9.80	154	642465	38.789	nq	99
53) 3-Nitroaniline	9.73	138	210333	38.243	nq	95
54) 2,4-Dinitrophenol	9.85	184	77993	36.799	nq	94
55) Dibenzofuran	9.97	168	944224	38.193	nq	99
56) 4-Nitrophenol	9.92	139	122882	37.187	nq	98
57) 2,4-Dinitrotoluene	9.97	165	243048	37.796	nq	97
58) Fluorene	10.31	166	769746	40.069	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	208884	37.943	nq	99
60) Diethylphthalate	10.19	149	836440	39.749	nq	100
61) 4-Chlorophenyl-phenylether	10.30	204	408129	40.137	nq	93
62) 4-Nitroaniline	10.35	138	201347	35.782	nq	94
63) Azobenzene	10.46	77	732080	40.024	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	132862	40.548	nq	91
66) n-Nitrosodiphenylamine	10.42	169	684829	38.624	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	271068	38.297	nq	99
68) Hexachlorobenzene	10.87	284	312077	38.242	nq	96
69) Atrazine	10.95	200	220654	35.619	nq	98
70) Pentachlorophenol	11.07	266	105917	32.220	nq	99
71) Phenanthrene	11.27	178	1140919	38.635	nq	98
72) Anthracene	11.32	178	1142574	38.724	nq	98
73) Carbazole	11.48	167	1028131	39.113	nq	98
74) Di-n-butylphthalate	11.80	149	1298748	40.799	nq	99
75) Fluoranthene	12.46	202	1212771	38.690	nq	98
77) Benzidine	12.58	184	503525	30.738	nq	99
78) Pyrene	12.69	202	1222070	37.784	nq	99
80) Butylbenzylphthalate	13.30	149	544848	40.026	nq	97
81) Benzo(a)anthracene	13.88	228	1110852	40.476	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	420673	39.474	nq	# 99
83) Chrysene	13.92	228	1048144	38.329	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	741123	43.095	nq	99
85) Di-n-octyl phthalate	14.47	149	1164328	42.493	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	896437	33.855	nq	100
88) Benzo(b)fluoranthene	14.91	252	1040201	41.972	nq	99
89) Benzo(k)fluoranthene	14.93	252	913028	39.754	nq	100
90) Benzo(a)pyrene	15.26	252	869643	38.880	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	744577	37.833	nq	99
92) Benzo(g,h,i)perylene	17.14	276	702251	36.114	nq	99

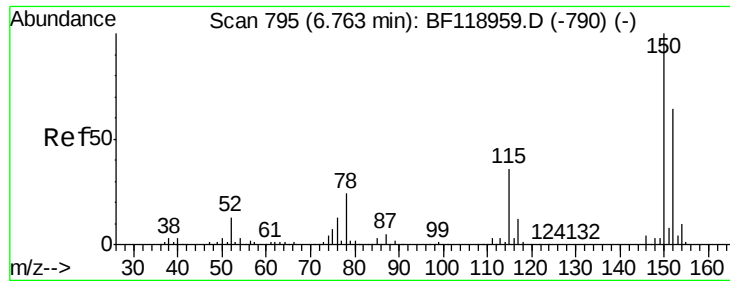
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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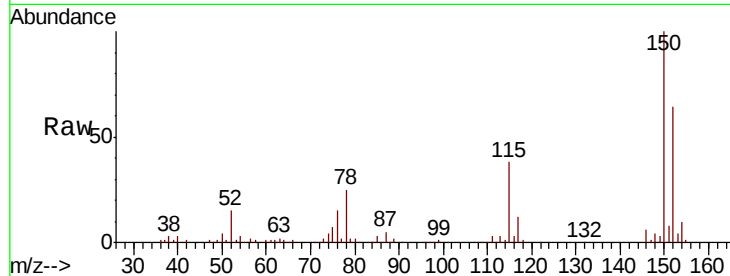


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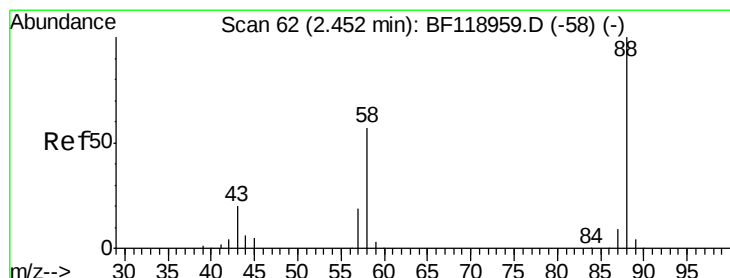
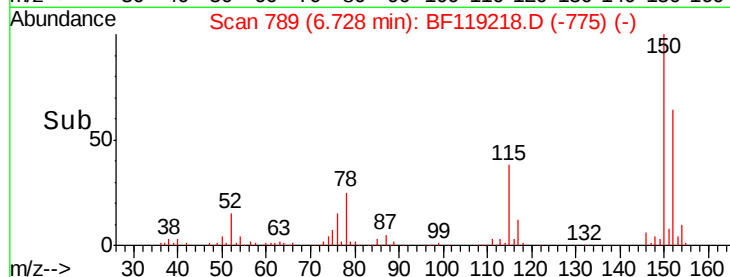
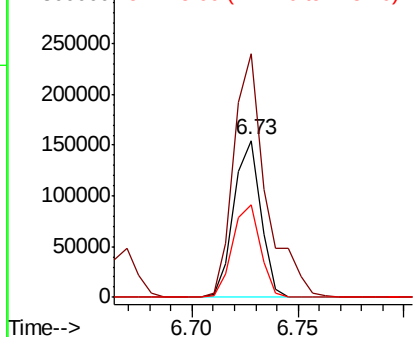
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136124
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.6
115 59.0 49.5 74.3



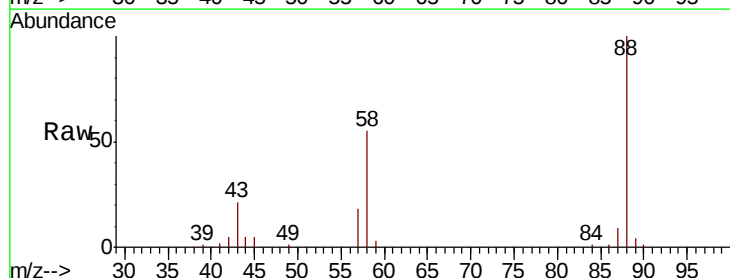
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



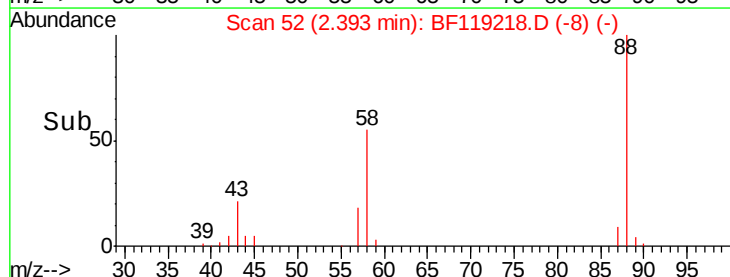
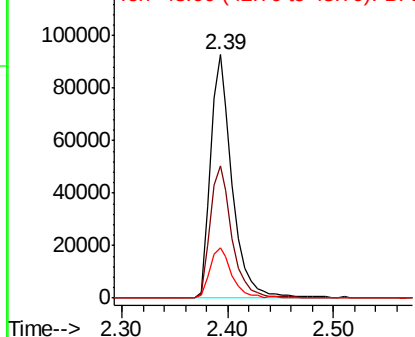
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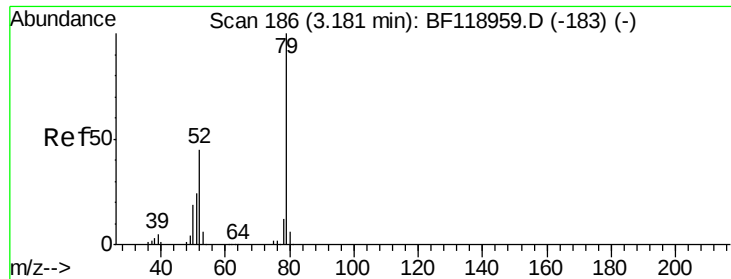
1,4-Dioxane
Concen: 36.838 ng
RT: 2.39 min Scan# 52
Delta R.T. -0.04 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion: 88 Resp: 133596
Ion Ratio Lower Upper
88 100
58 54.3 43.8 65.6
43 21.0 16.2 24.4



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





#3

Pvridine

Concen: 36.880 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.04 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampleId :

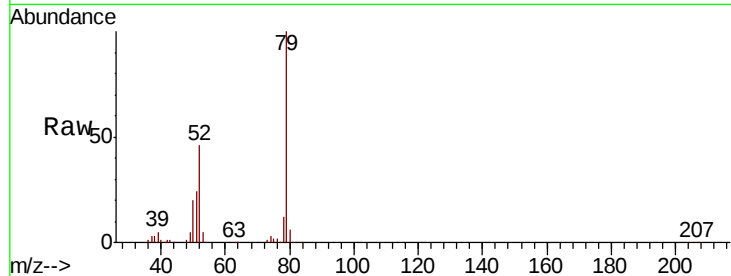
Tot Ion: 79 Resp: 365268

Ion Ratio Lower Upper

79 100

52 45.7 37.4 56.0

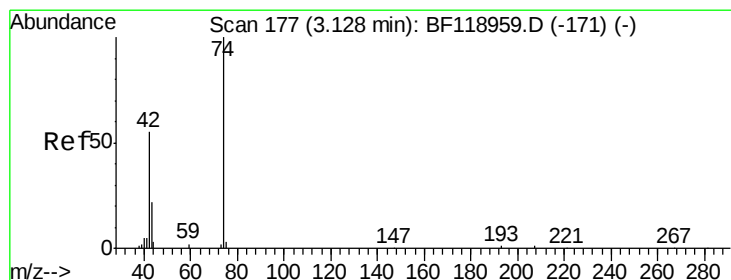
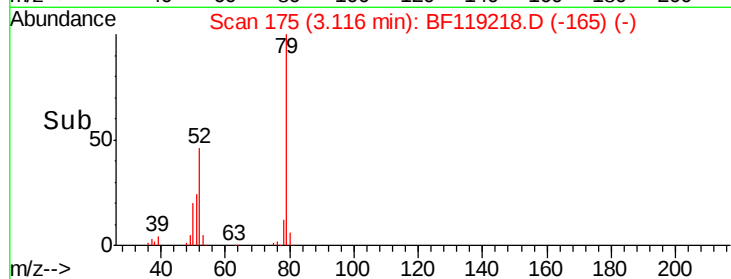
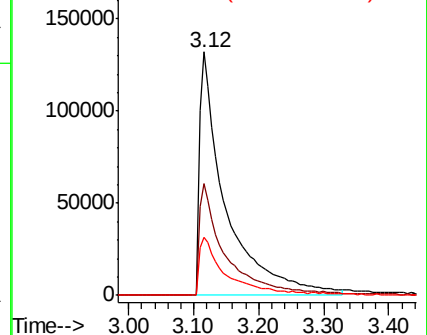
51 24.1 19.8 29.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.154 ng

RT: 3.07 min Scan# 167

Delta R.T. -0.05 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

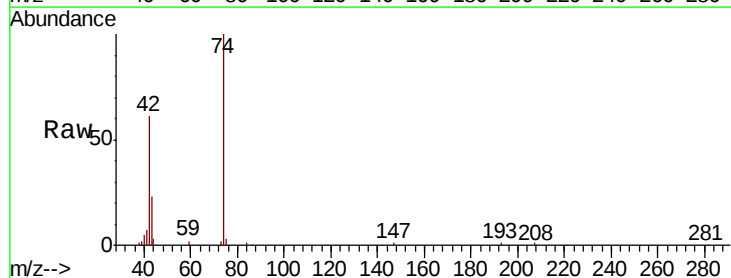
Tgt Ion: 42 Resp: 123475

Ion Ratio Lower Upper

42 100

74 164.1 137.7 206.5

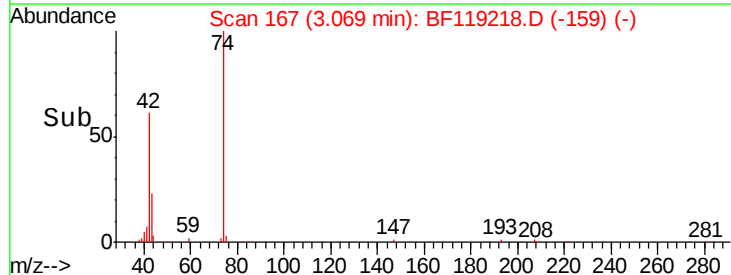
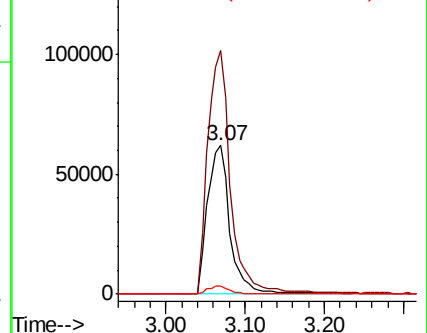
44 5.4 4.5 6.7

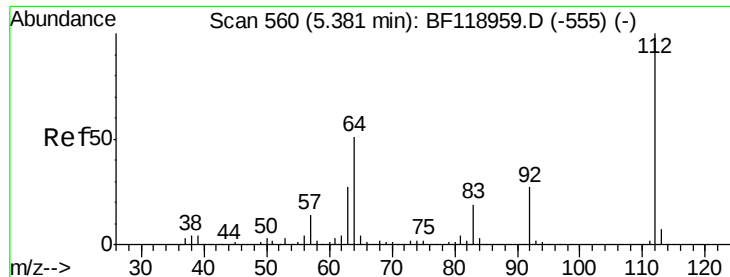


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.936 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampleId :

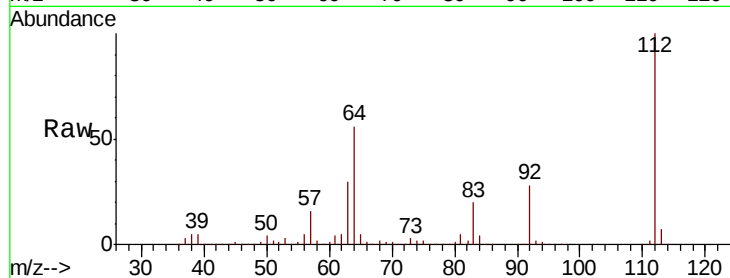
Tot Ion:112 Resp: 667401

Ion Ratio Lower Upper

112 100

64 56.2 45.0 67.4

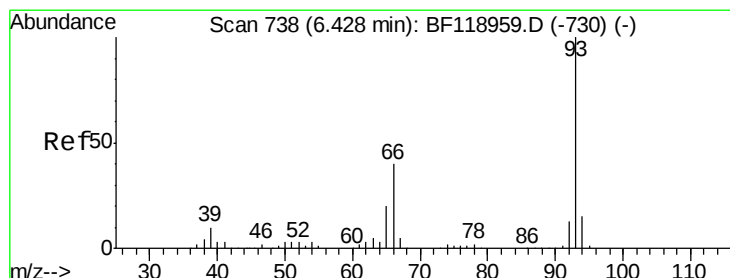
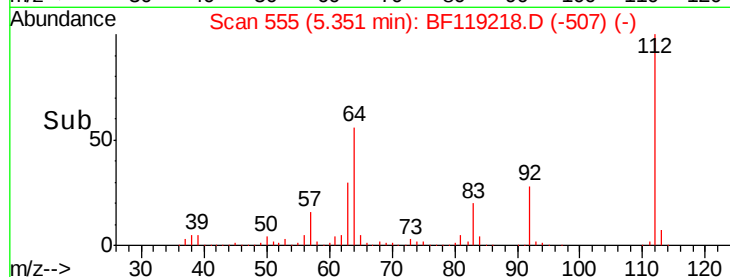
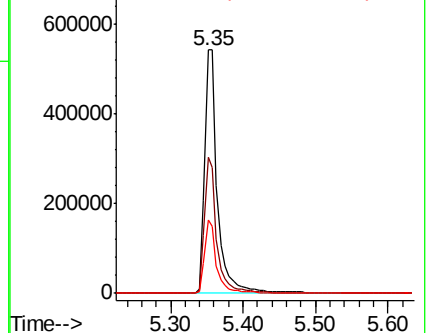
63 29.9 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.109 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

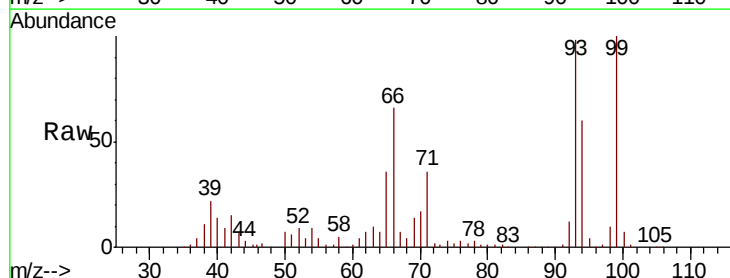
Tgt Ion: 93 Resp: 478049

Ion Ratio Lower Upper

93 100

66 67.5 74.5 111.7#

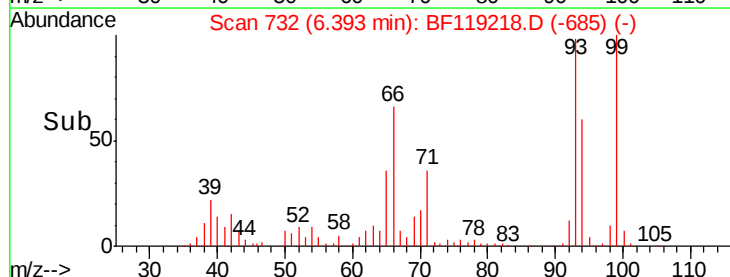
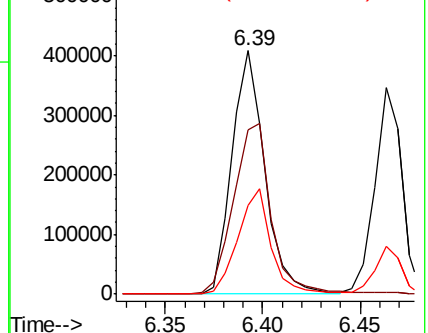
65 36.4 45.3 67.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.224 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119218.D

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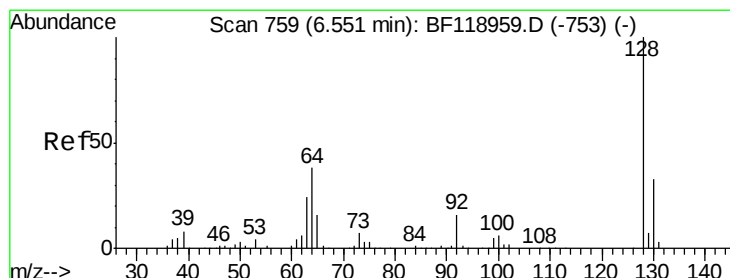
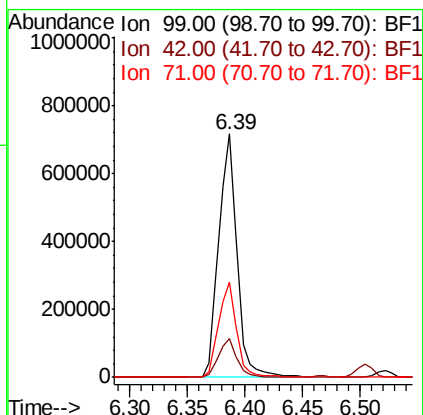
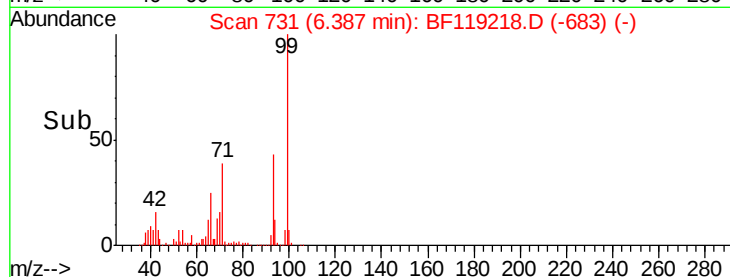
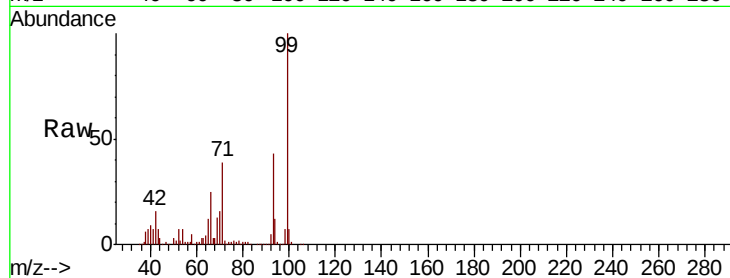
Tot Ion: 99 Resp: 794724

Ion Ratio Lower Upper

99 100

42 15.7 12.6 18.8

71 39.0 31.0 46.4



#8

2-Chlorophenol

Concen: 40.586 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

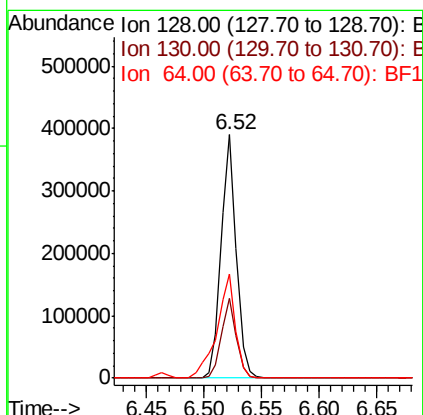
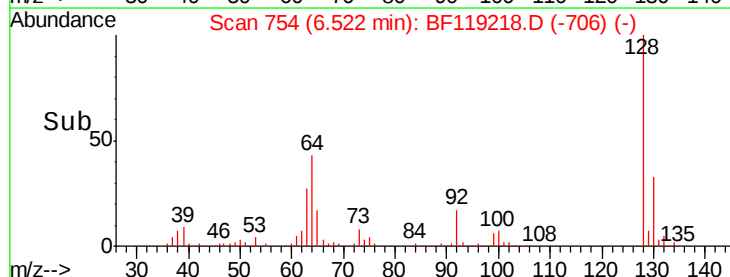
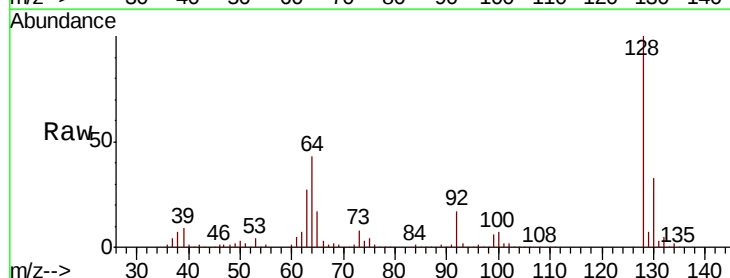
Tgt Ion: 128 Resp: 356764

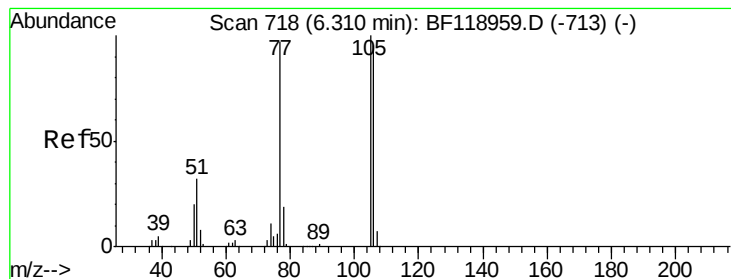
Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

64 42.6 22.3 62.3





#9

Benzaldehyde

Concen: 34.146 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119218.D

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Instrument :

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ClientSampled :

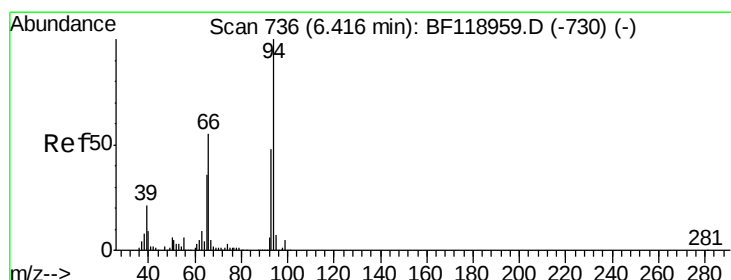
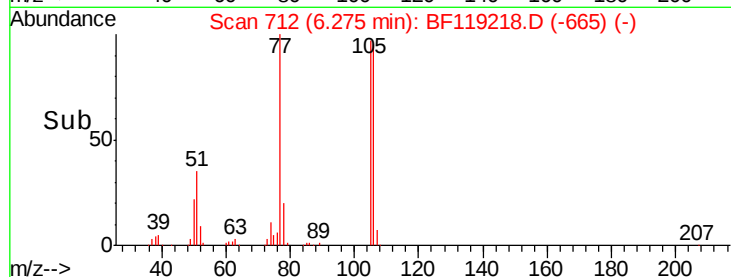
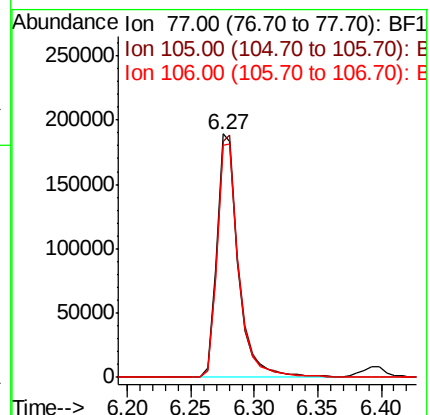
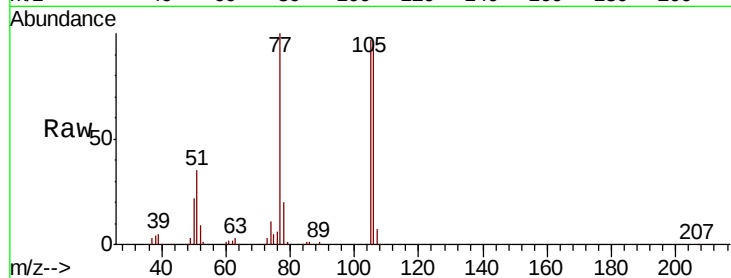
Tot Ion: 77 Resp: 225997

Ion Ratio Lower Upper

77 100

105 96.8 80.1 120.1

106 95.2 75.9 115.9



#10

Phenol

Concen: 40.721 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

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Acq: 5 Mar 2020 17:57

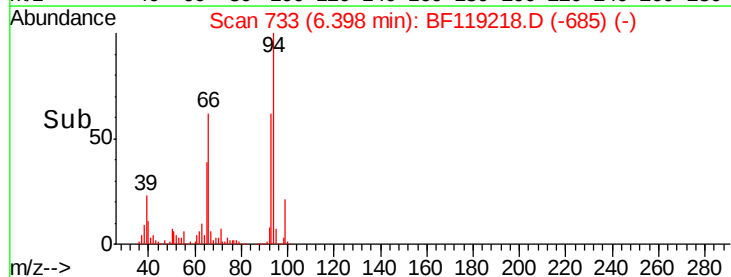
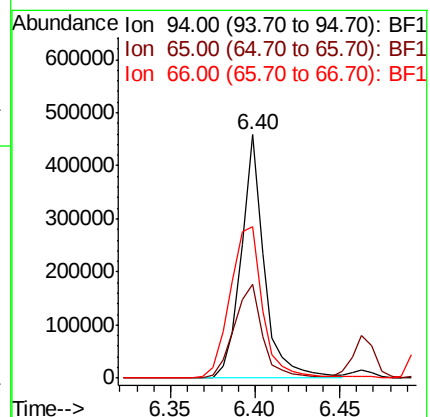
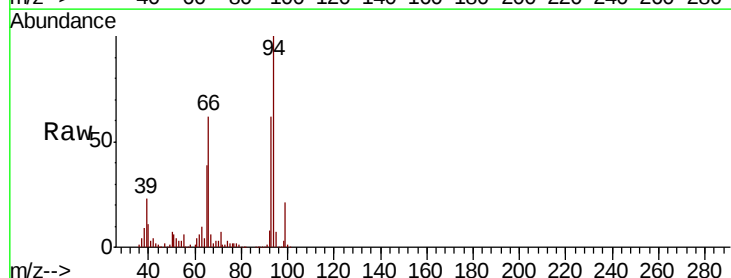
Tgt Ion: 94 Resp: 436147

Ion Ratio Lower Upper

94 100

65 38.7 19.2 59.2

66 62.2 44.4 84.4

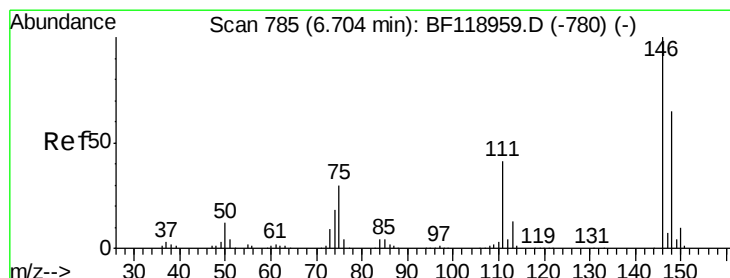
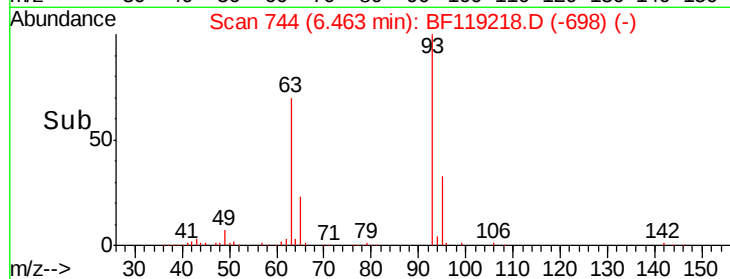
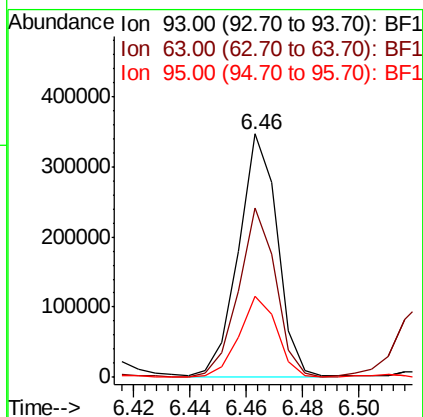
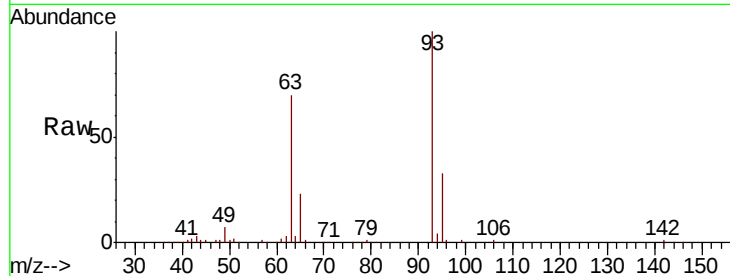




#11
bis(2-Chloroethyl)ether
Concen: 40.624 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

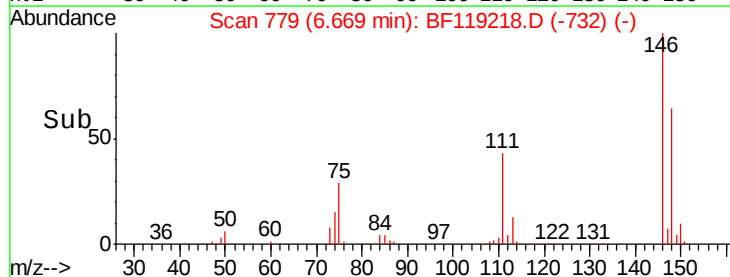
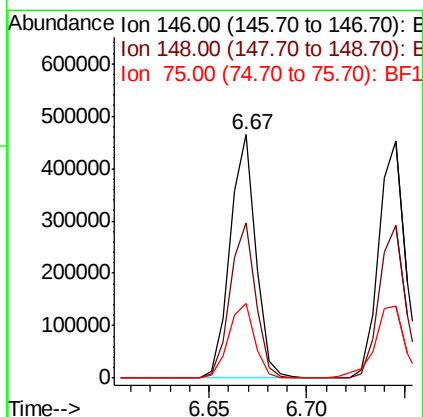
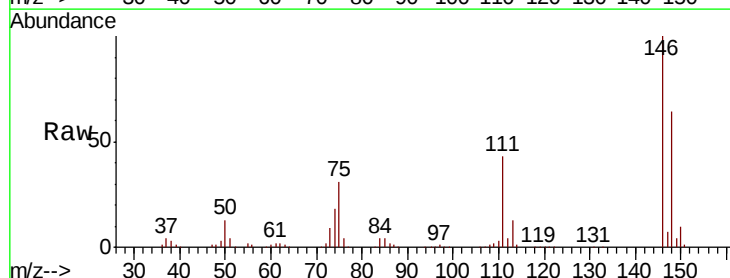
Instrument :
BNA_F
ClientSampleId :

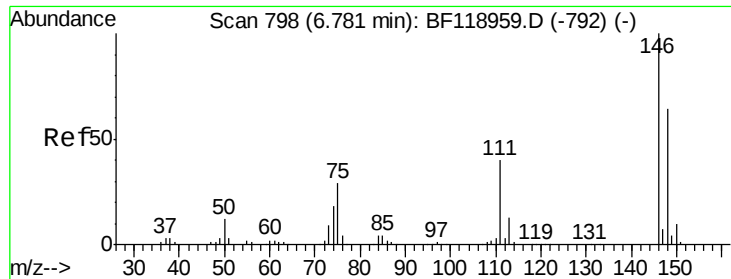
Tot Ion: 93 Resp: 332916
Ion Ratio Lower Upper
93 100
63 69.8 45.4 85.4
95 33.2 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.094 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion: 146 Resp: 422428
Ion Ratio Lower Upper
146 100
148 63.9 52.5 78.7
75 30.7 23.6 35.4

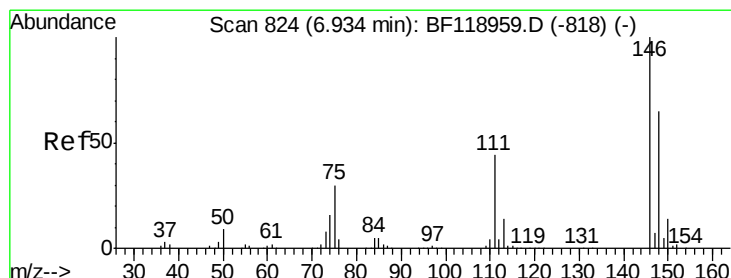
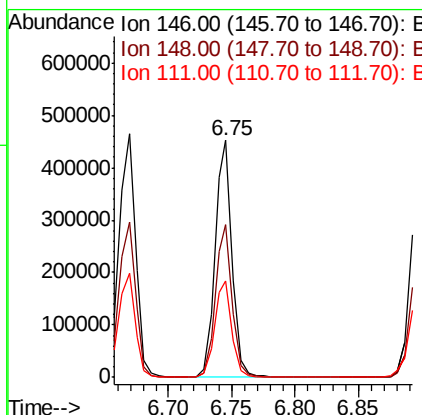
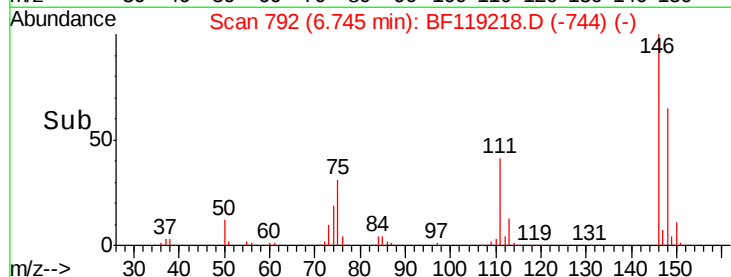
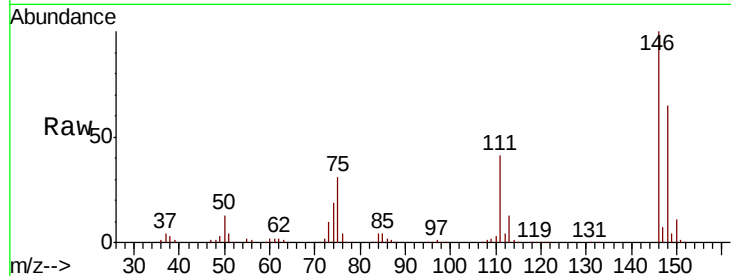




#13
 1,4-Dichlorobenzene
 Concen: 40.491 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

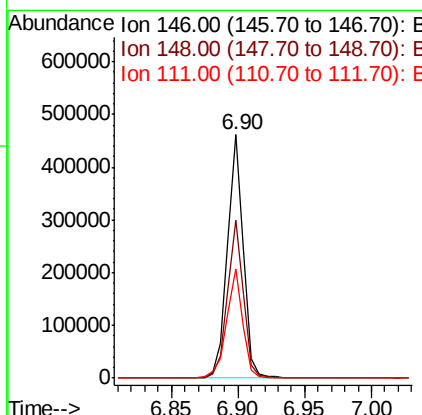
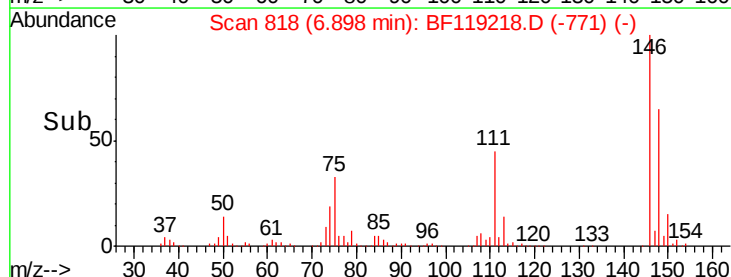
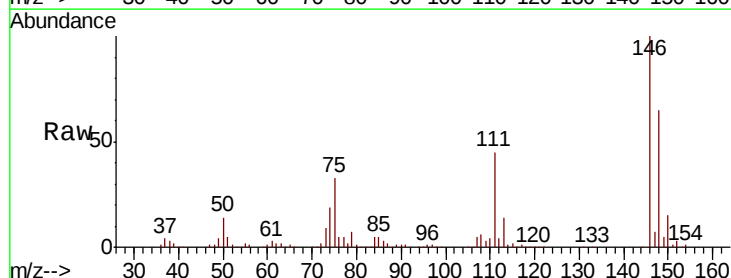
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 426902
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 41.0 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 40.673 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Tgt Ion:146 Resp: 391085
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 44.7 36.2 54.2





#15

Benzyl Alcohol

Concen: 42.039 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampled :

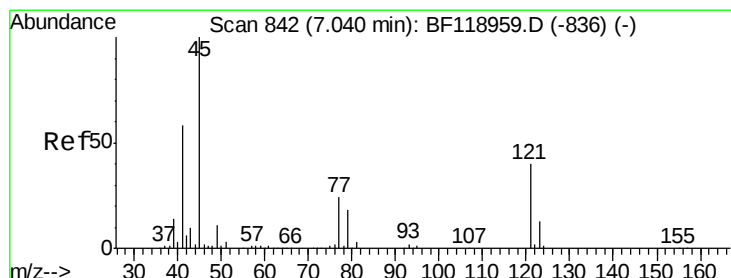
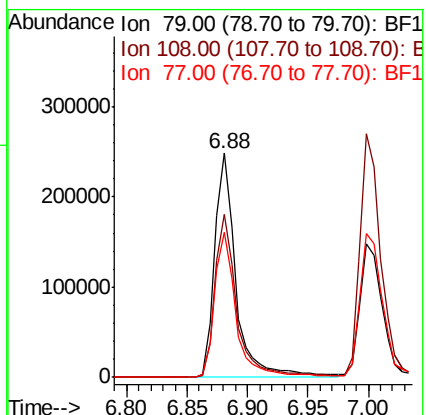
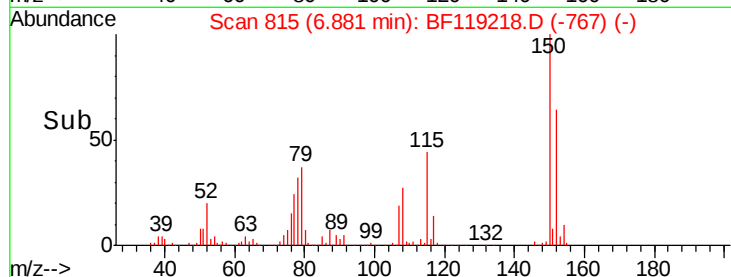
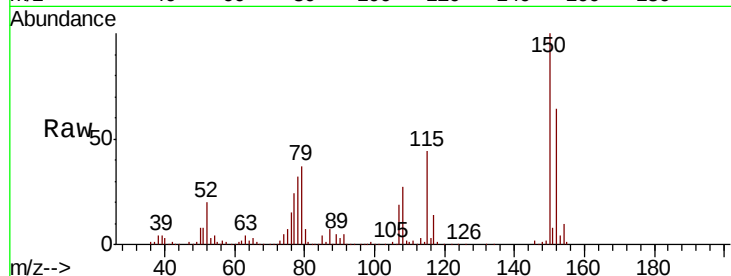
Tot Ion: 79 Resp: 300987

Ion Ratio Lower Upper

79 100

108 72.7 58.2 87.2

77 64.6 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.815 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

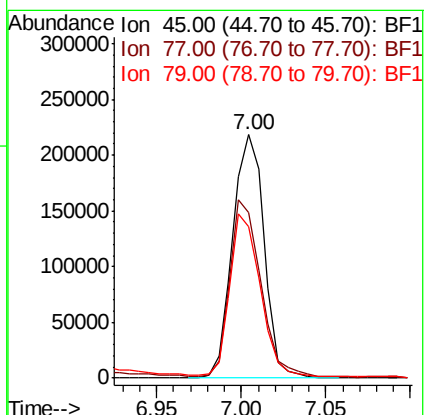
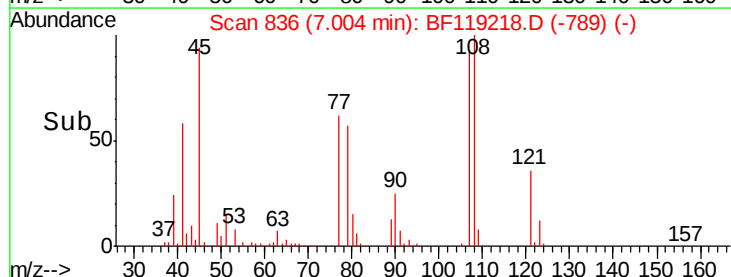
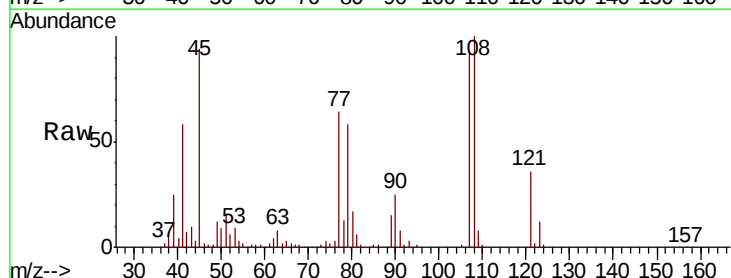
Tgt Ion: 45 Resp: 282644

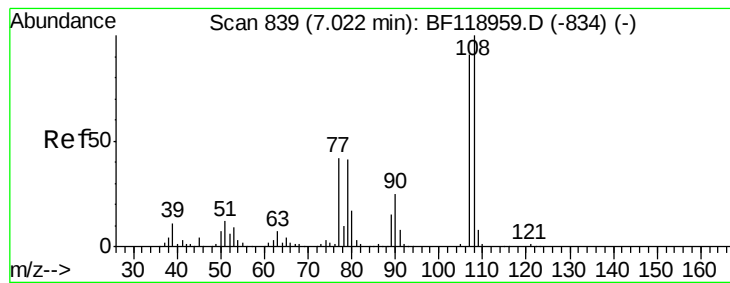
Ion Ratio Lower Upper

45 100

77 68.1 15.0 55.0#

79 62.0 9.4 49.4#

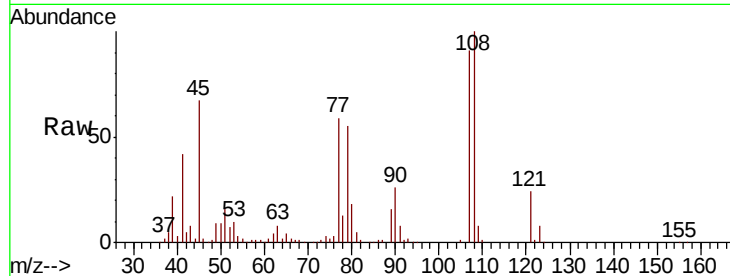




#17
2-Methylphenol
Concen: 40.067 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	285556
Ion	Ratio	Lower	Upper
107	100		
108	110.5	87.9	131.9
77	65.4	45.3	67.9
79	60.3	43.0	64.4



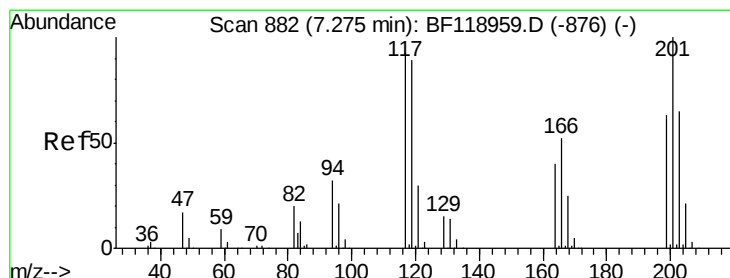
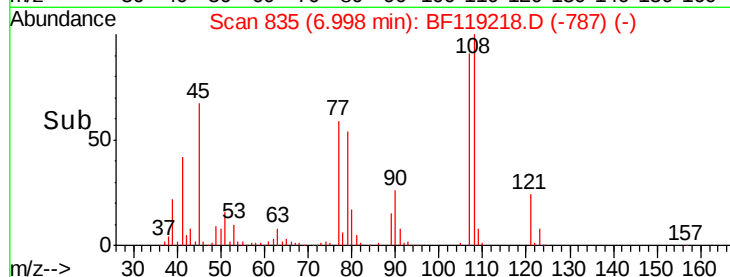
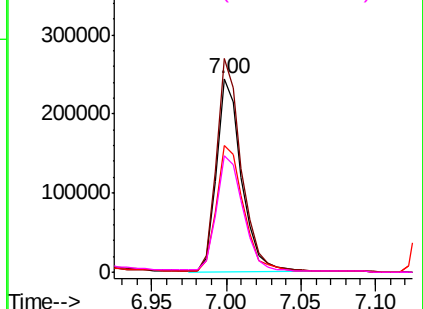
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

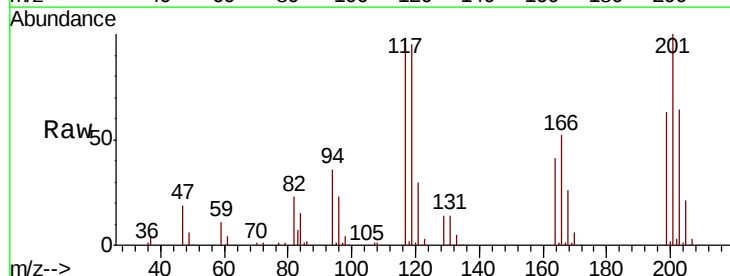
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.214 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion:	117	Resp:	151686
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.5	116.3
201	102.1	82.6	123.8

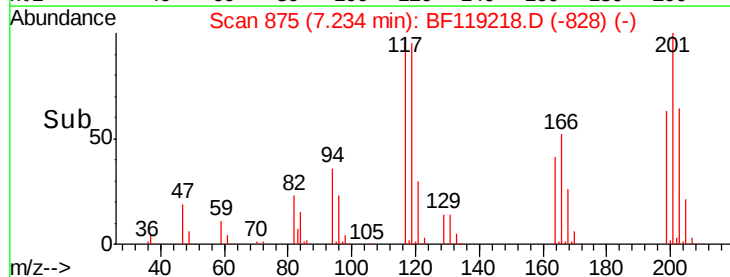
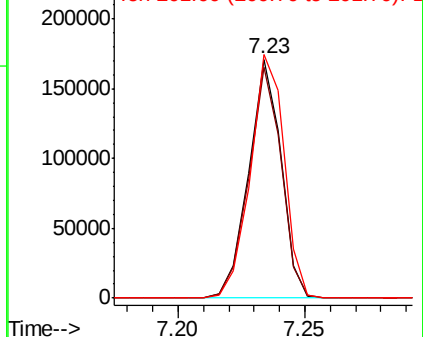


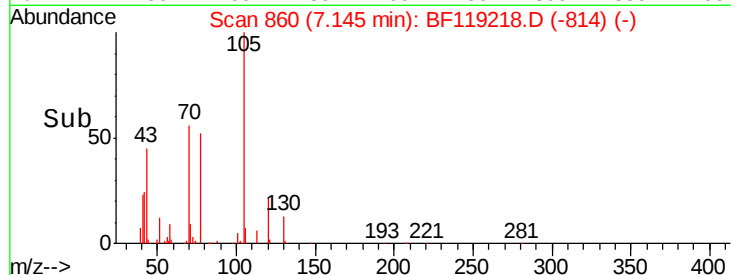
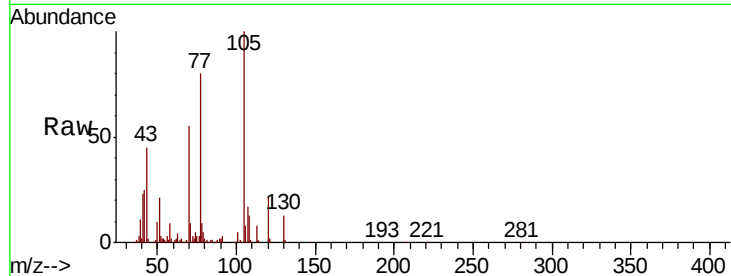
Abundance

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

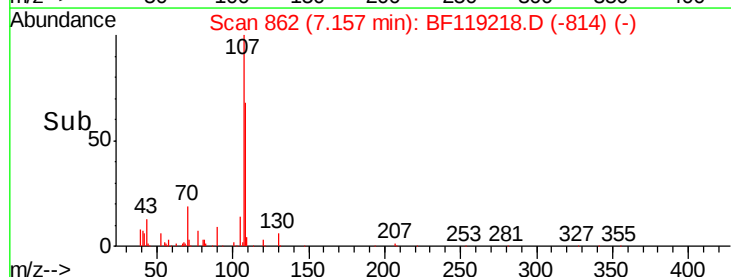
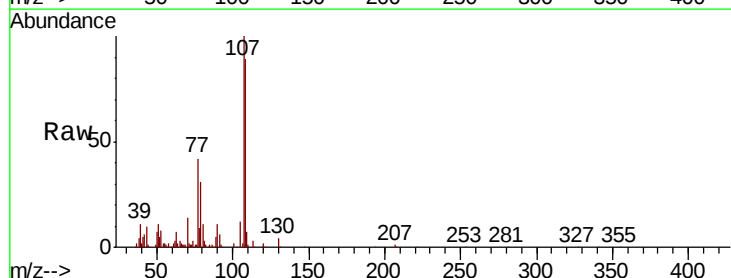
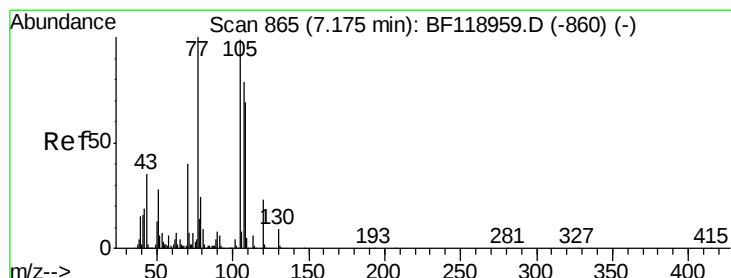
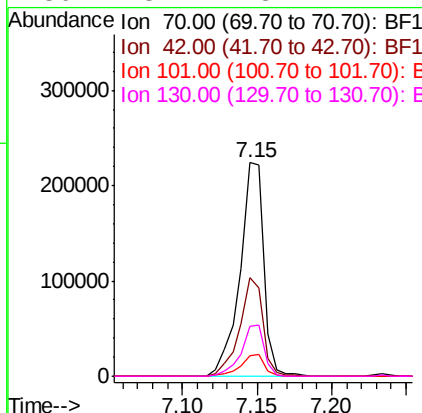




#19
n-Nitroso-di-n-propylamine
Concen: 43.288 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

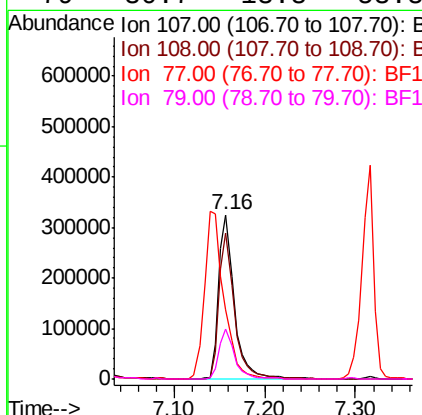
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 249873
Ion Ratio Lower Upper
70 100
42 46.2 38.0 57.0
101 9.7 8.2 12.4
130 23.1 18.2 27.4



#20
3+4-Methylphenols
Concen: 43.617 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion: 107 Resp: 380839
Ion Ratio Lower Upper
107 100
108 89.1 71.5 111.5
77 41.8 45.9 85.9#
79 30.7 13.8 53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 515894

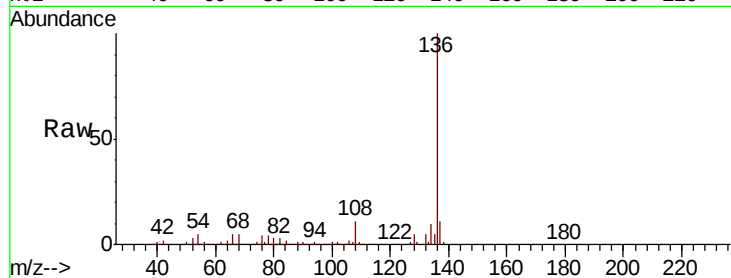
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 4.7 3.8 5.6

68 4.9 3.9 5.9

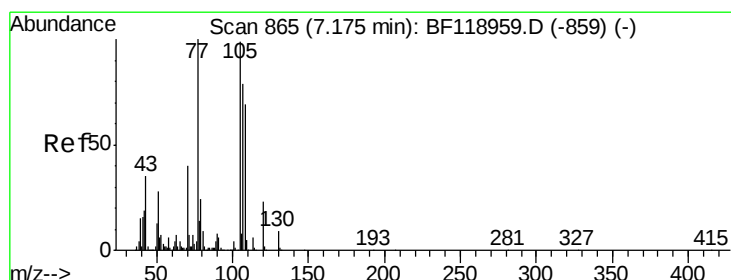
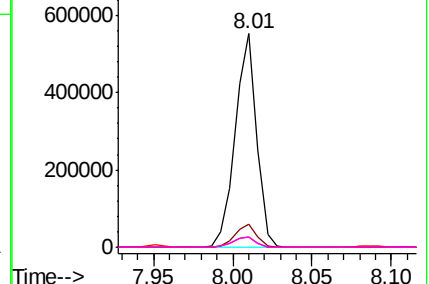
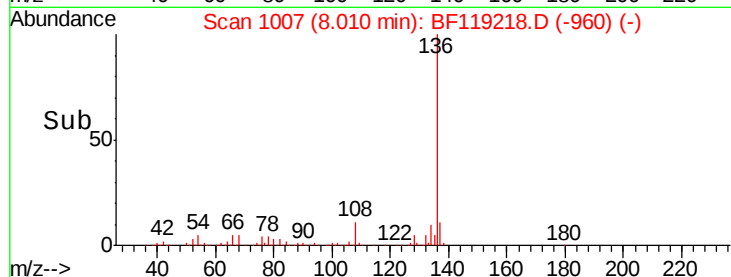


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.485 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Tgt Ion:105 Resp: 495181

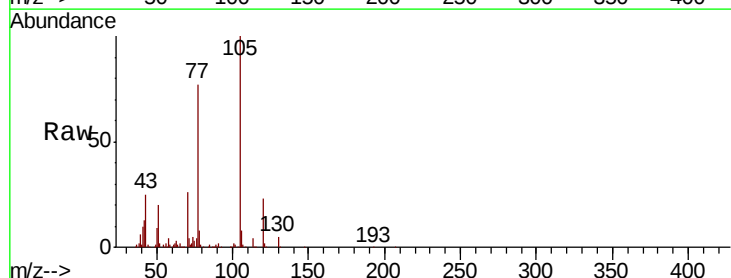
Ion Ratio Lower Upper

105 100

71 4.1 3.0 4.4

51 20.3 20.1 30.1

120 22.6 18.0 27.0

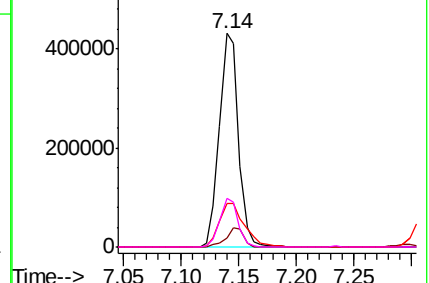
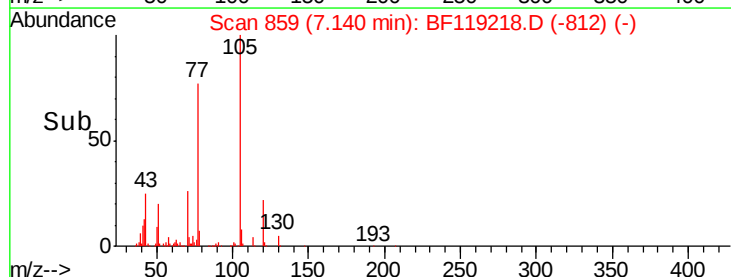


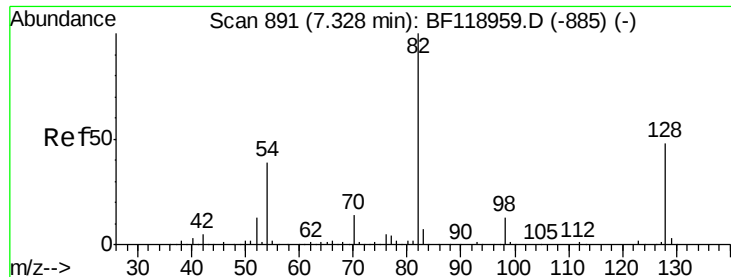
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

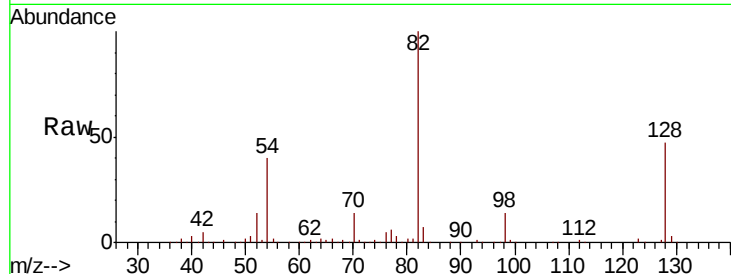




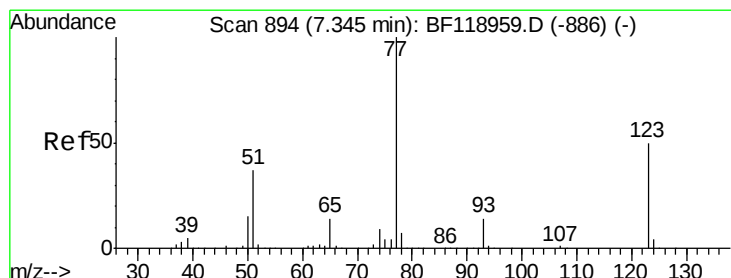
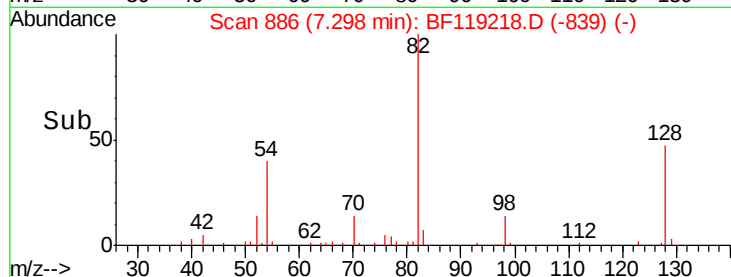
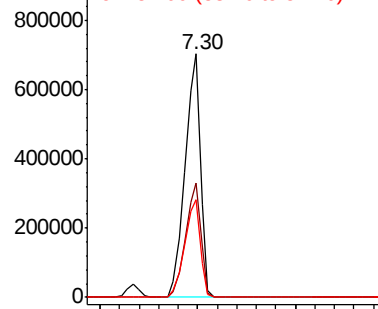
#23
 Nitrobenzene-d5
 Concen: 78.851 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 770430
 Ion Ratio Lower Upper
 82 100
 128 46.8 37.9 56.9
 54 39.9 33.4 50.2

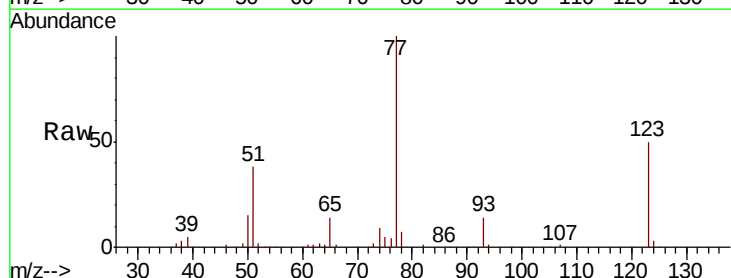


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

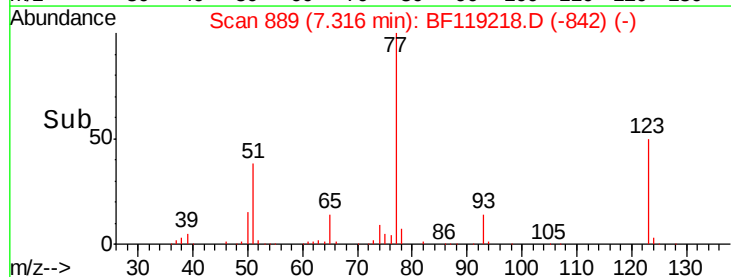
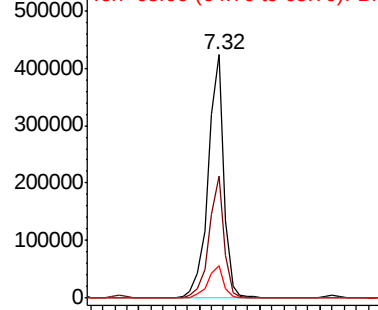


#24
 Nitrobenzene
 Concen: 39.417 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Tgt Ion: 77 Resp: 380855
 Ion Ratio Lower Upper
 77 100
 123 49.9 40.2 60.2
 65 13.6 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

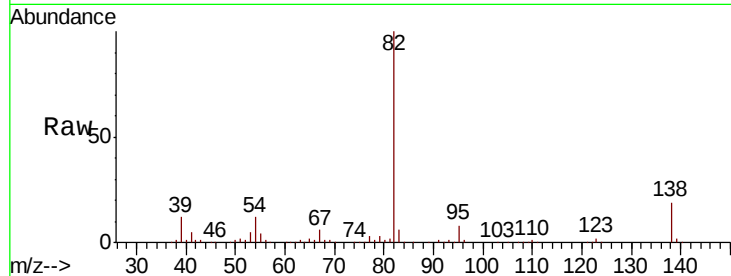




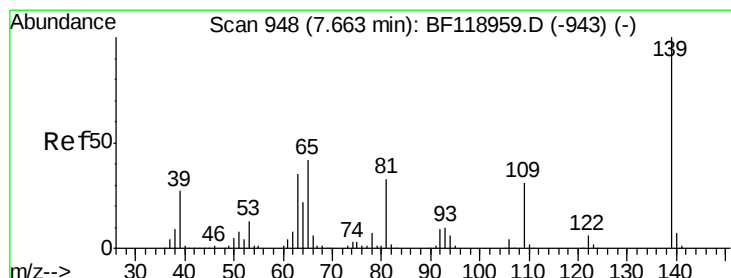
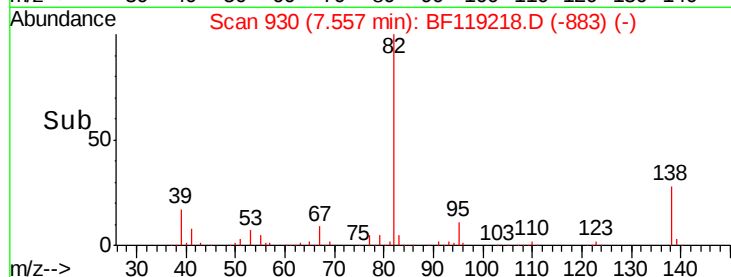
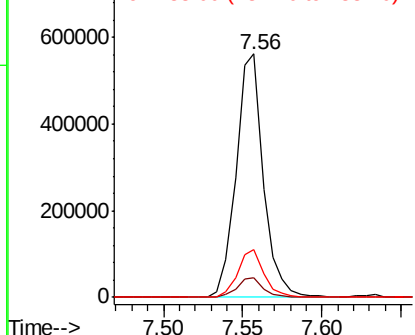
#25
Isophorone
Concen: 39.344 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 667615
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 19.4 15.7 23.5

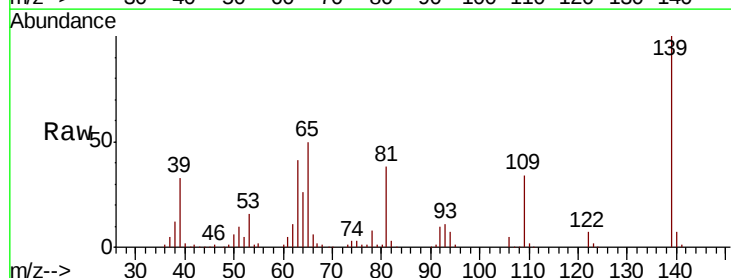


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

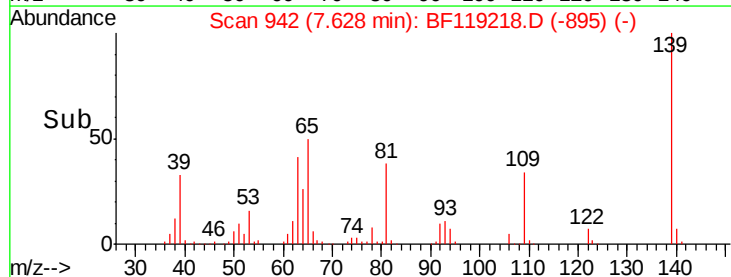
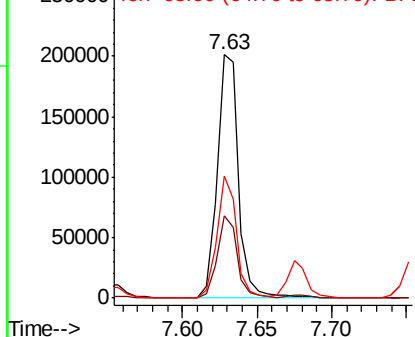


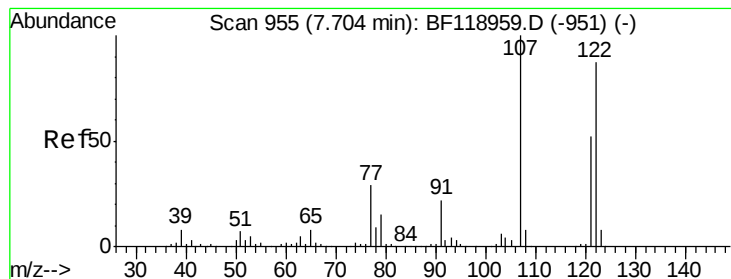
#26
2-Nitrophenol
Concen: 39.414 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion: 139 Resp: 201780
Ion Ratio Lower Upper
139 100
109 33.8 25.7 38.5
65 50.0 37.1 55.7



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





#27

2,4-Dimethylphenol

Concen: 38.732 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampleId :

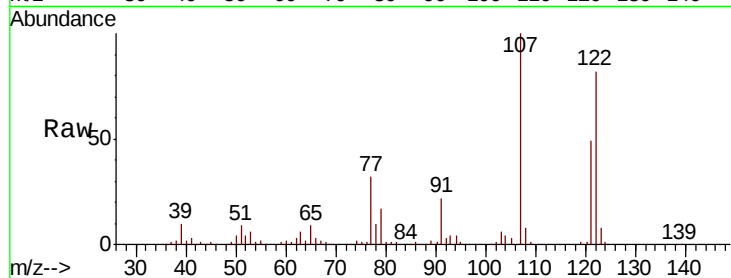
Tot Ion:122 Resp: 269114

Ion Ratio Lower Upper

122 100

107 121.4 93.8 140.6

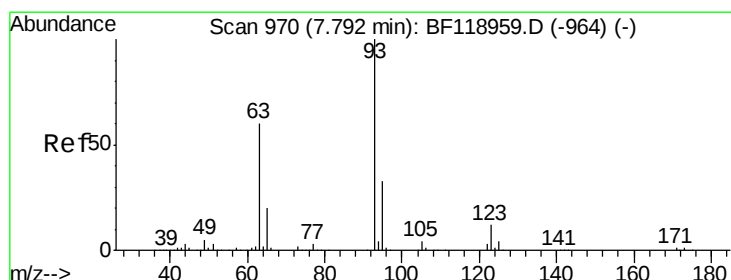
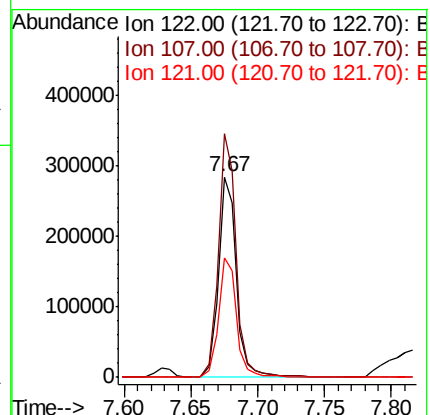
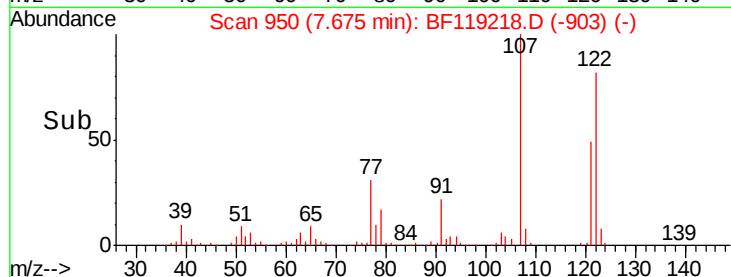
121 59.5 48.2 72.2



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: 38.442 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

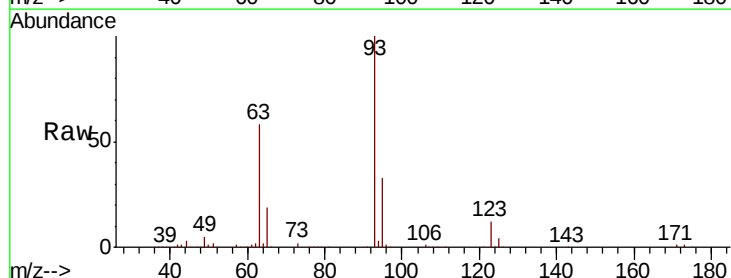
Tgt Ion: 93 Resp: 424587

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

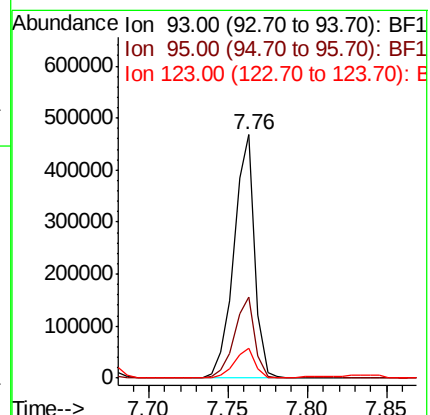
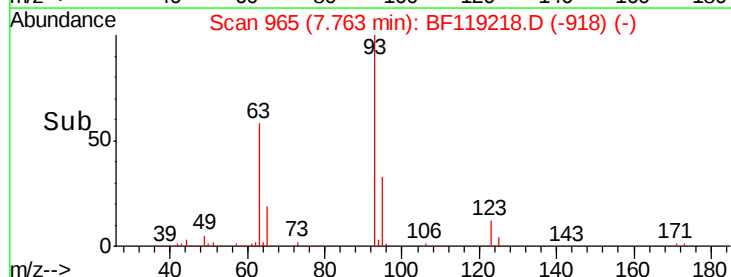
123 12.4 10.2 15.2

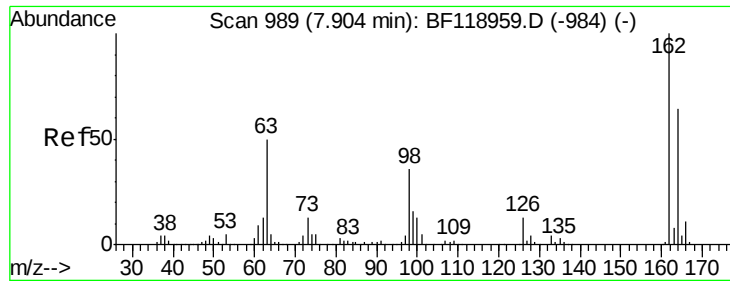


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

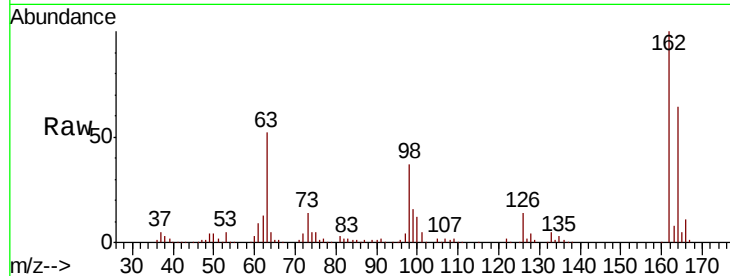




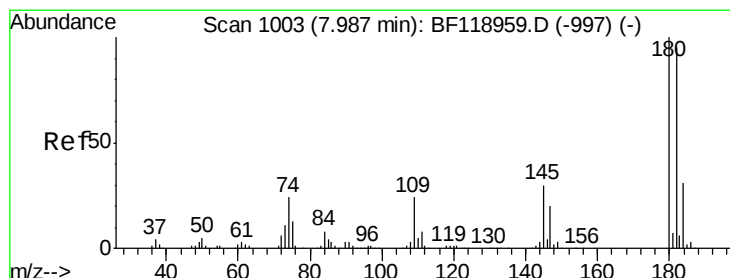
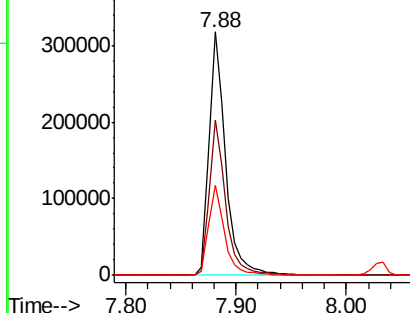
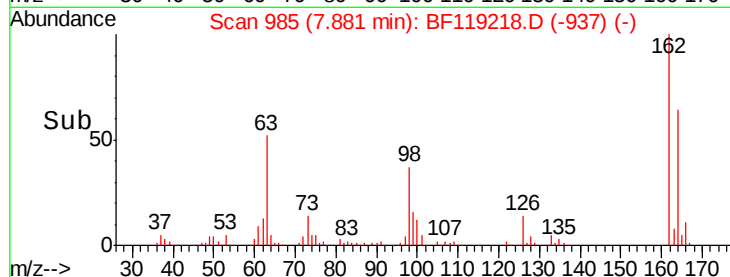
#29
 2,4-Dichlorophenol
 Concen: 39.096 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 319791
 Ion Ratio Lower Upper
 162 100
 164 64.0 45.2 85.2
 98 36.9 17.4 57.4

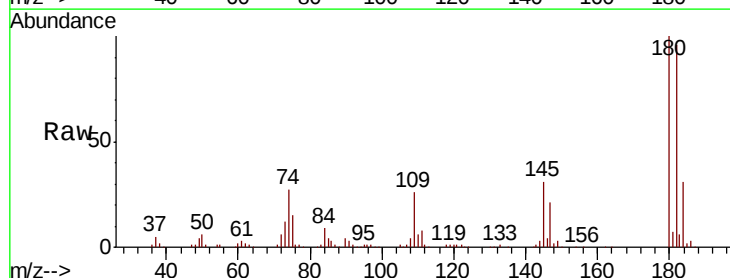


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

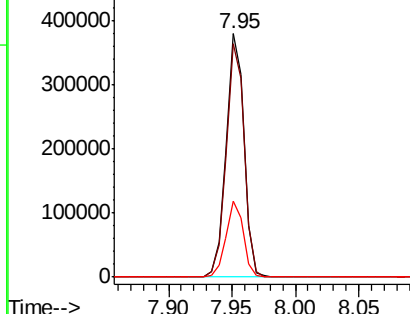
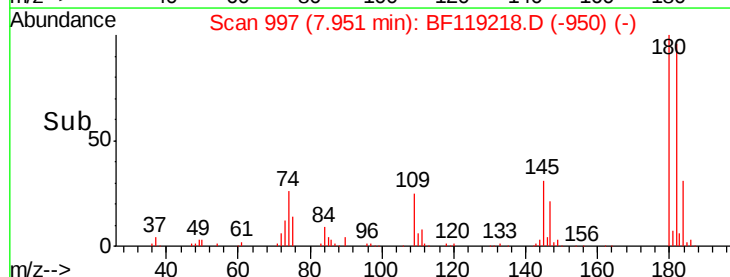


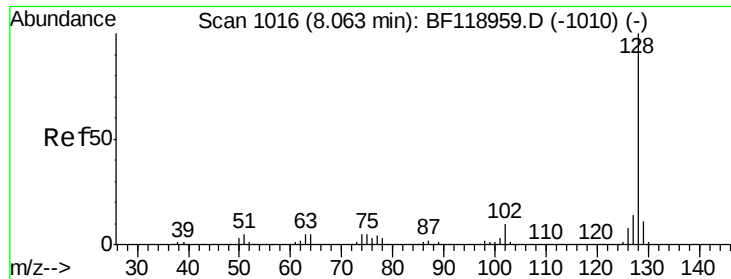
#30
 1,2,4-Trichlorobenzene
 Concen: 37.965 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Tgt Ion:180 Resp: 368182
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.8 116.6
 145 31.4 25.2 37.8



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

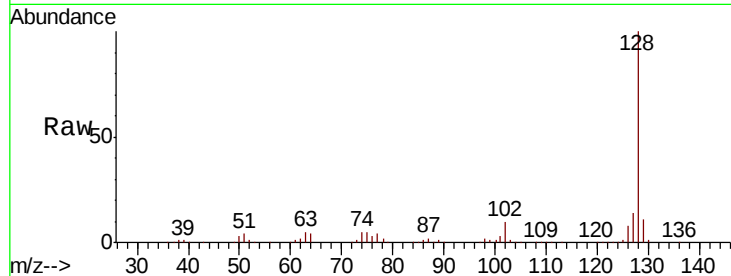




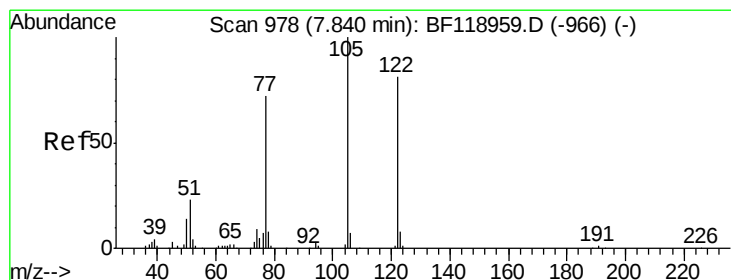
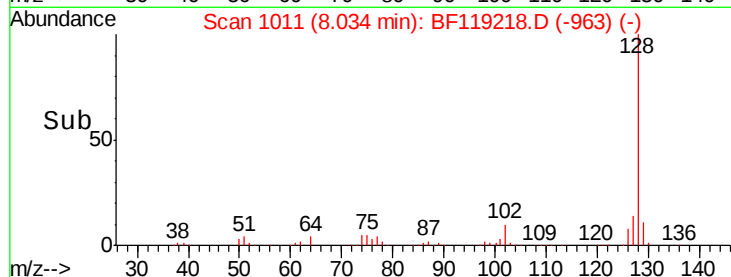
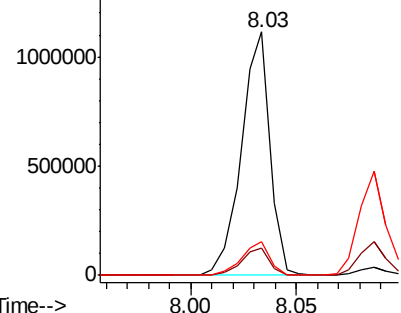
#31
Naphthalene
Concen: 39.298 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1051414
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.8 11.4 17.2

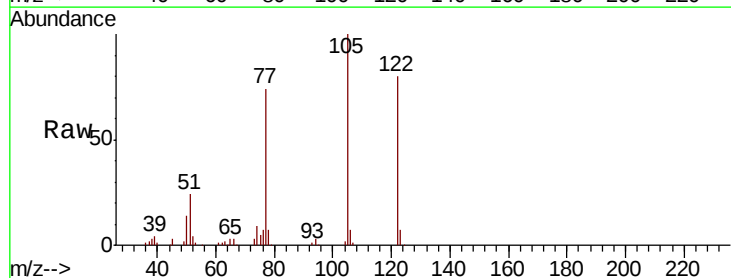


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

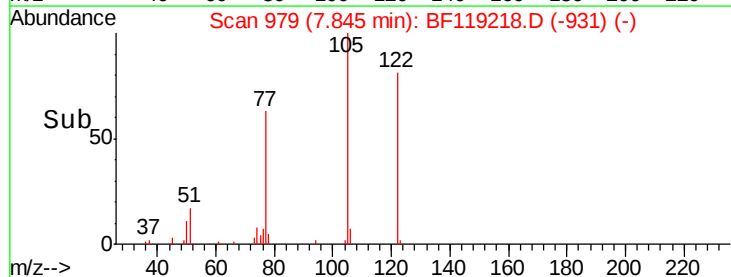
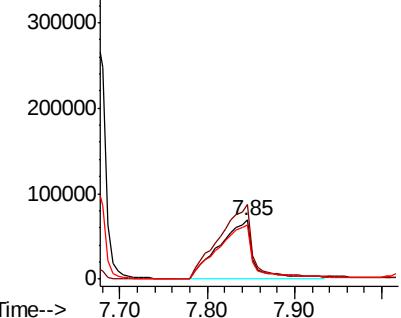


#32
Benzoic acid
Concen: 39.167 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion:122 Resp: 191331
Ion Ratio Lower Upper
122 100
105 125.1 106.3 146.3
77 92.0 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

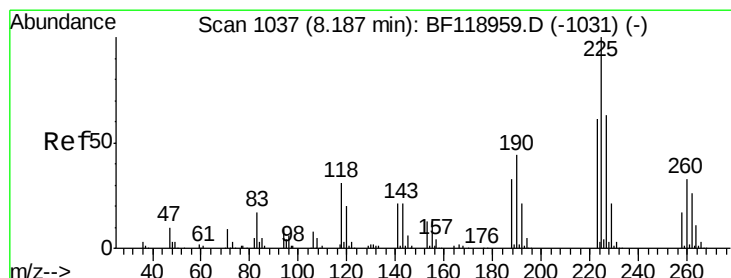
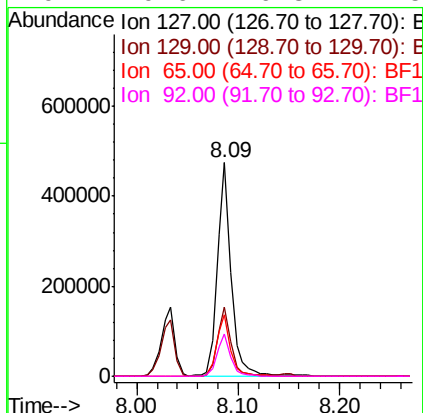
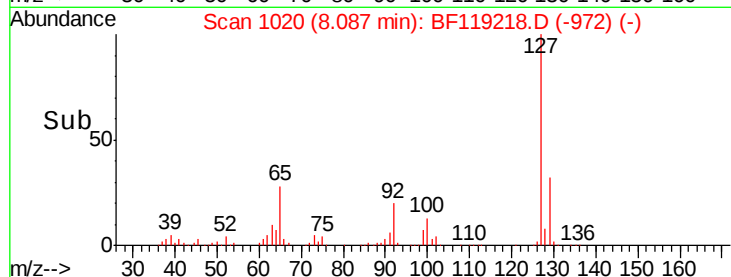
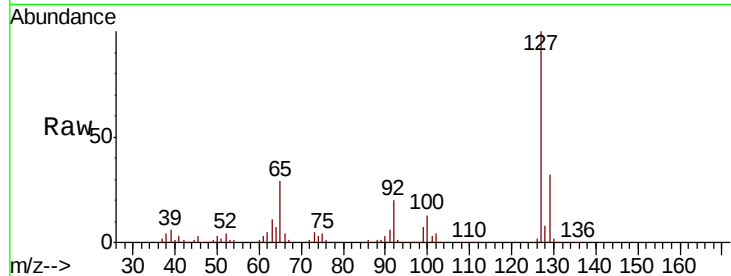




#33
4-Chloroaniline
Concen: 38.755 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

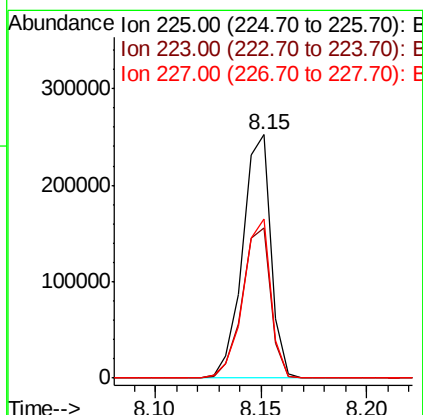
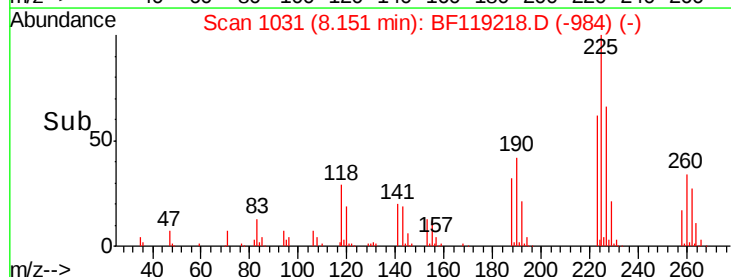
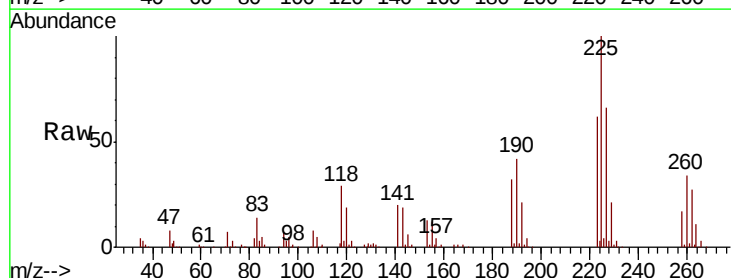
Instrument :
BNA_F
ClientSampleId :

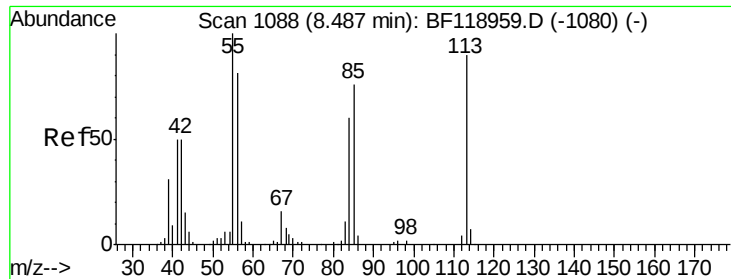
Tot Ion:	127	Resp:	445978
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	28.6	23.9	35.9
92	19.6	16.3	24.5



#34
Hexachlorobutadiene
Concen: 38.765 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion:	225	Resp:	234173
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.4	74.2
227	65.6	52.9	79.3

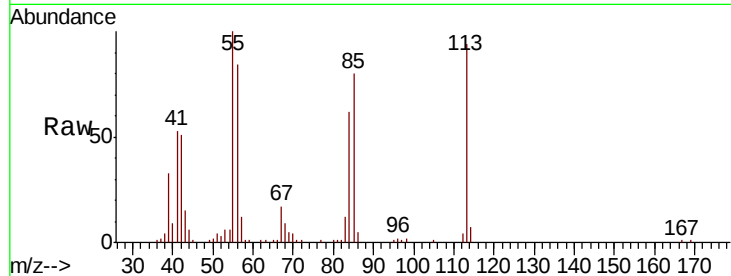




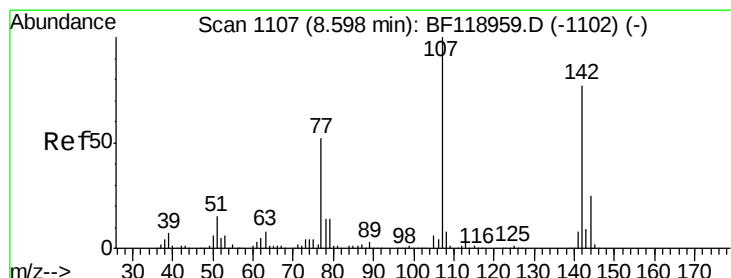
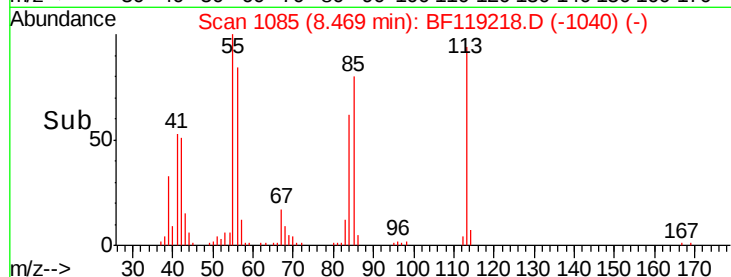
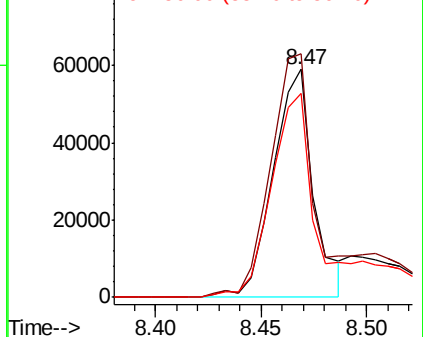
#35
 Caprolactam
 Concen: 31.068 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.04 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 78248
 Ion Ratio Lower Upper
 113 100
 55 106.9 95.7 135.7
 56 89.7 73.1 113.1

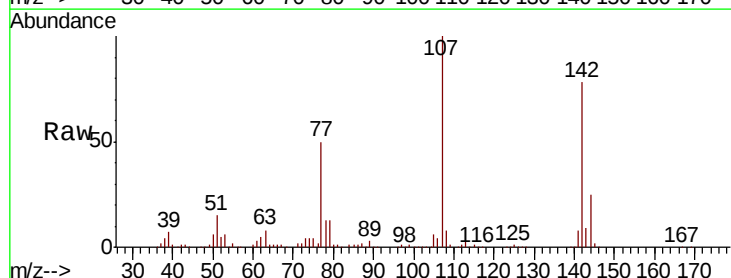


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

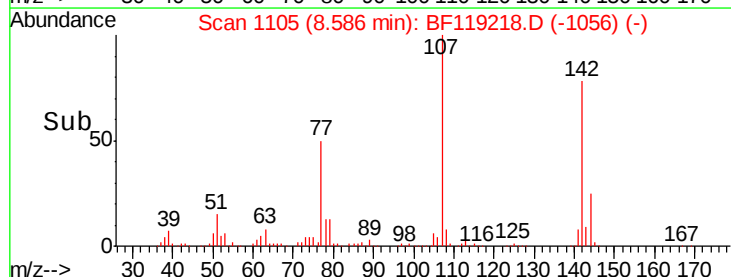
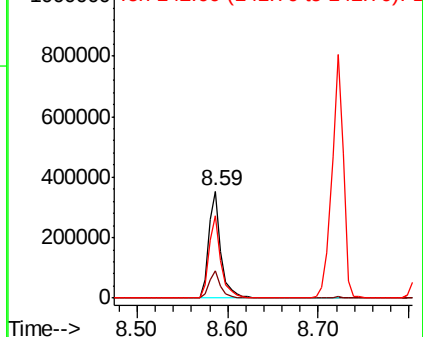


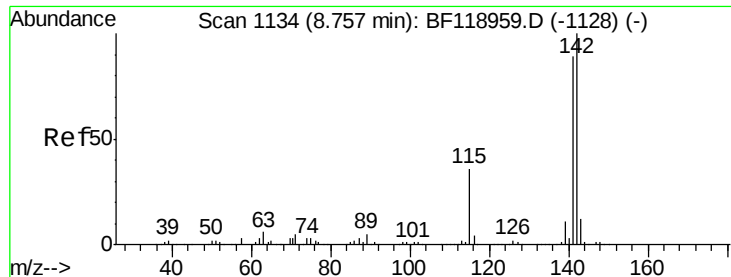
#36
 4-Chloro-3-methylphenol
 Concen: 40.588 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Tgt Ion:107 Resp: 335990
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.1 30.1
 142 77.8 61.4 92.2



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

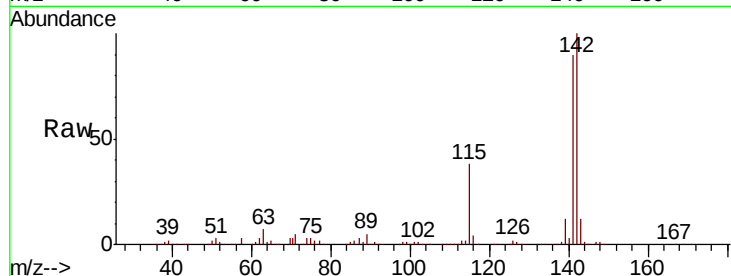




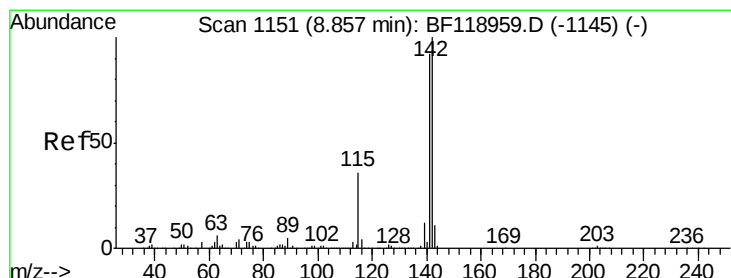
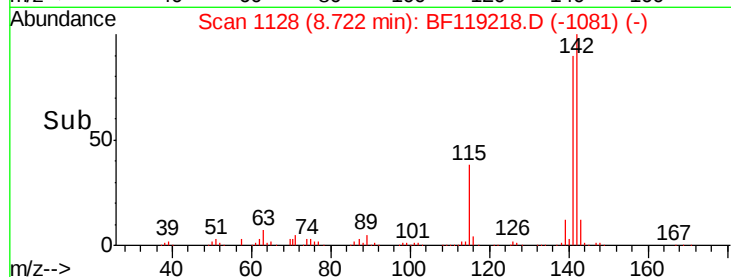
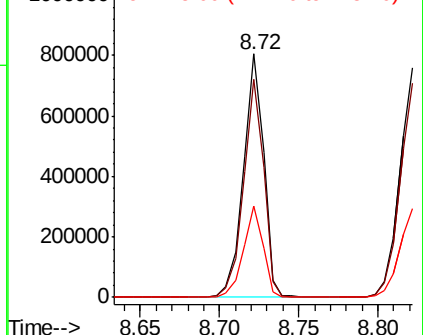
#37
2-Methylnaphthalene
Concen: 39.378 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 709022
Ion Ratio Lower Upper
142 100
141 89.7 72.3 108.5
115 37.5 30.6 45.8

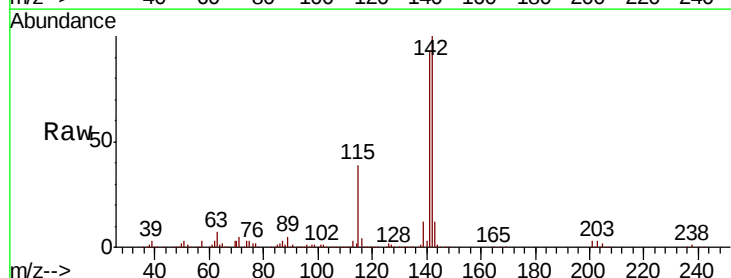


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

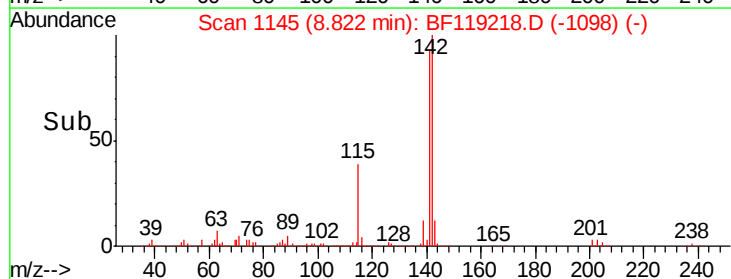
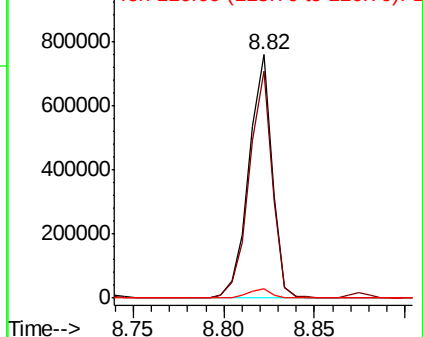


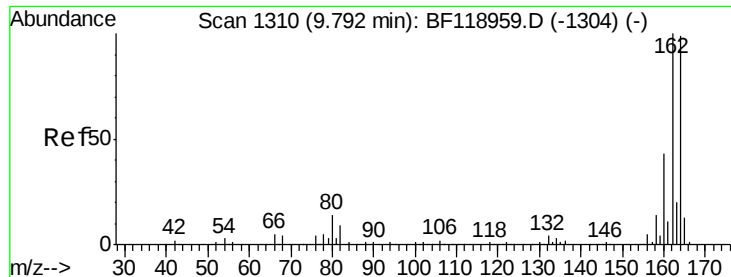
#38
1-Methylnaphthalene
Concen: 39.642 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion:142 Resp: 671264
Ion Ratio Lower Upper
142 100
141 93.2 75.8 113.6
116 4.0 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

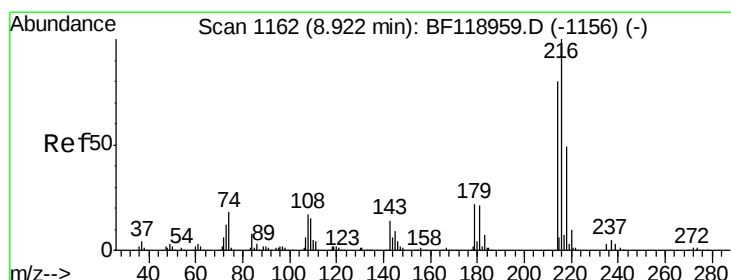
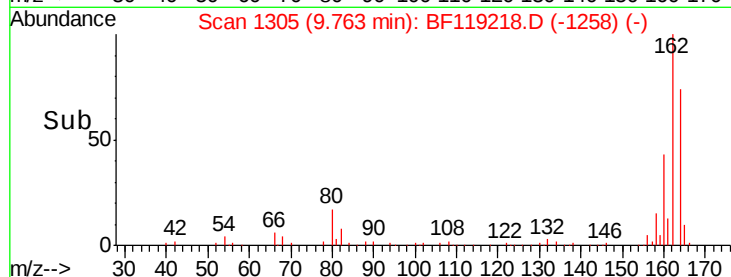
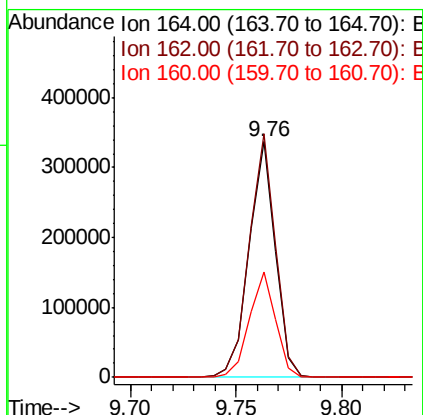
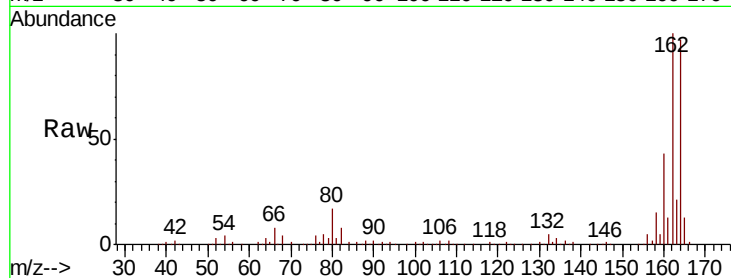




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

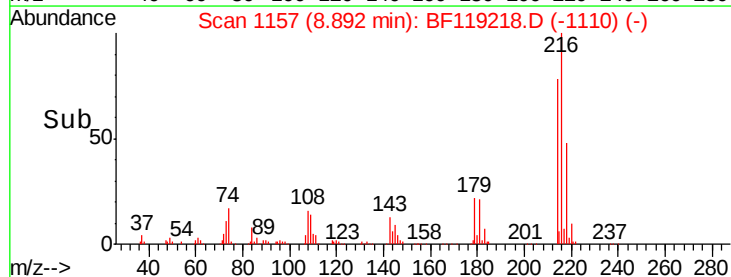
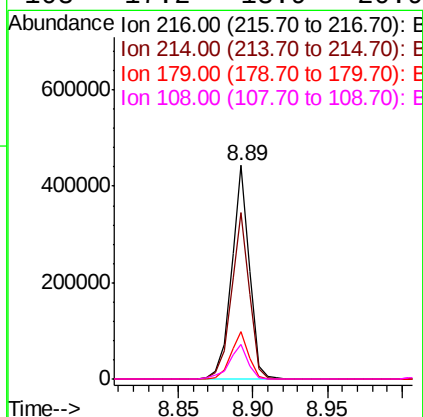
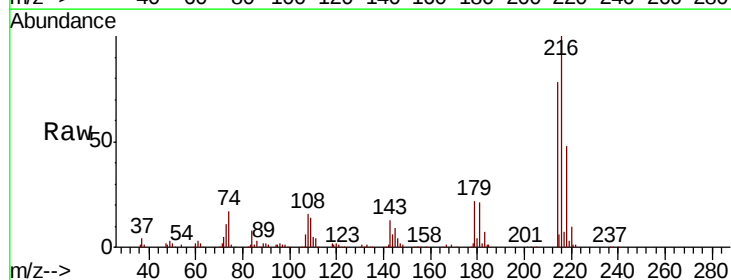
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 292016
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.8
160 44.9 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.682 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion:216 Resp: 371000
Ion Ratio Lower Upper
216 100
214 79.3 63.3 94.9
179 22.0 17.7 26.5
108 17.2 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 35.500 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampleId :

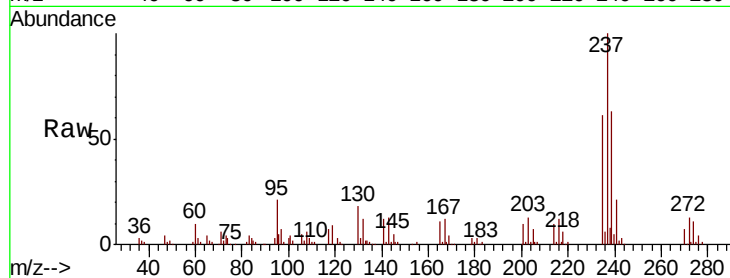
Tot Ion:237 Resp: 106006

Ion Ratio Lower Upper

237 100

235 61.4 42.3 82.3

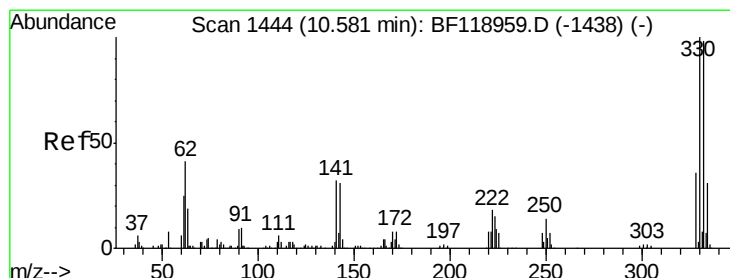
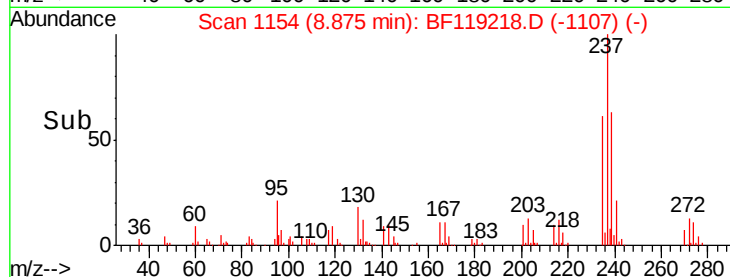
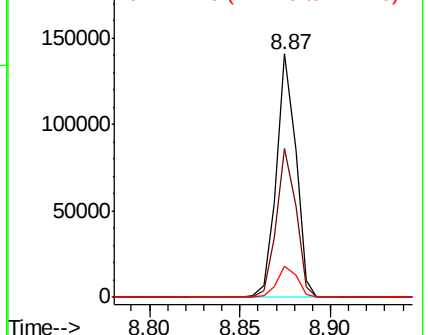
272 12.6 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 77.059 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

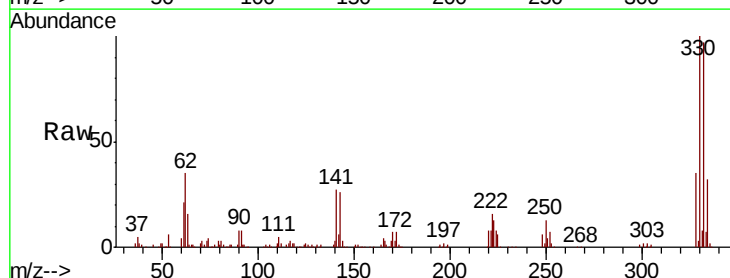
Tgt Ion:330 Resp: 294372

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

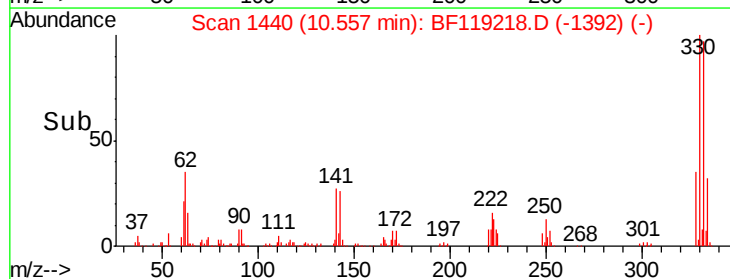
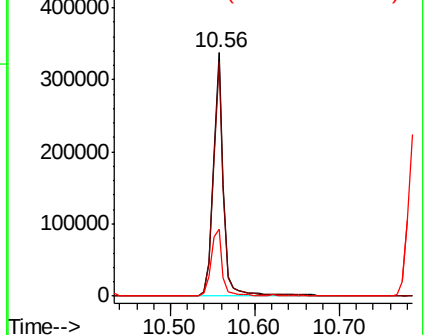
141 30.0 22.9 34.3

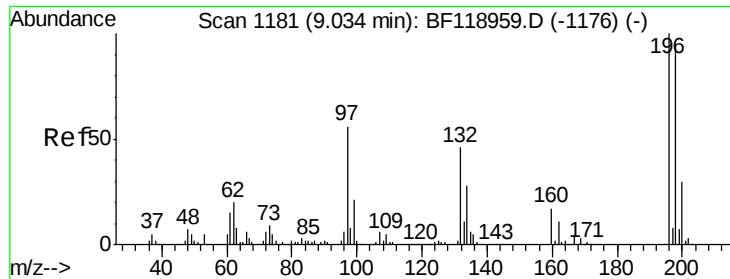


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

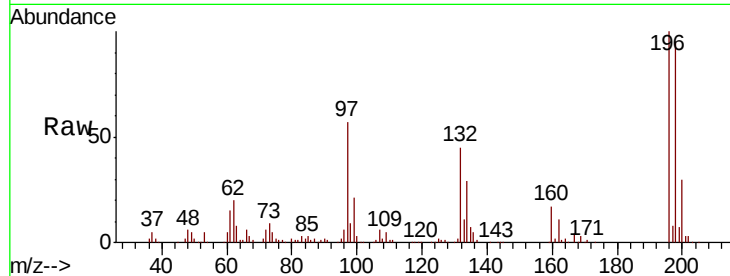




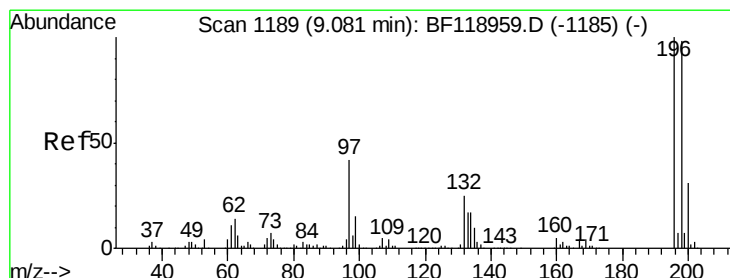
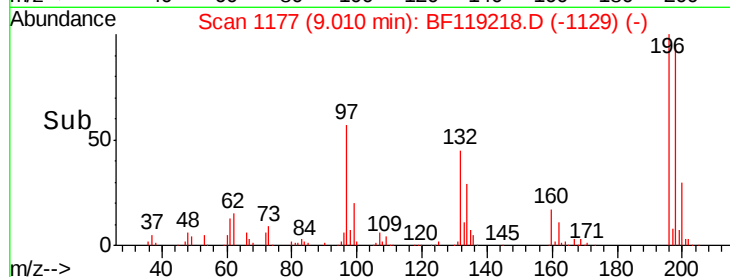
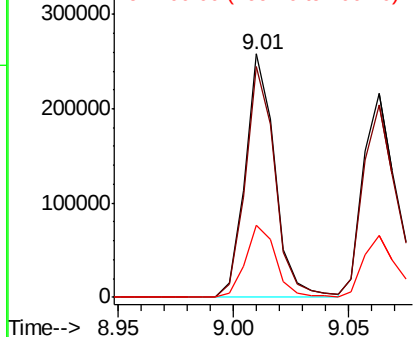
#43
 2,4,6-Trichlorophenol
 Concen: 37.462 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 232919
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.1 115.7
 200 29.8 25.0 37.6

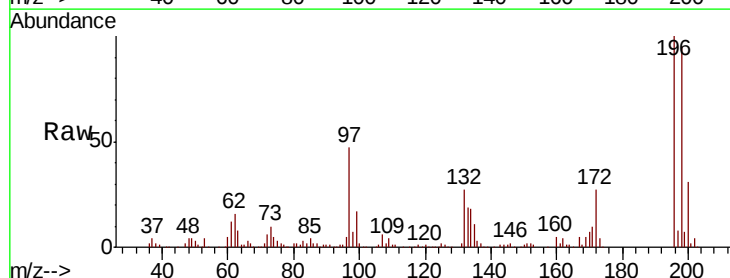


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

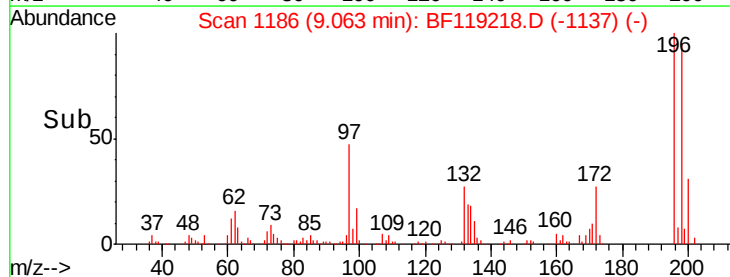
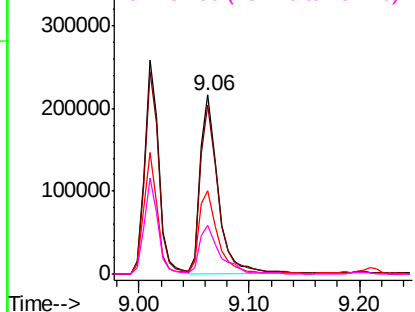


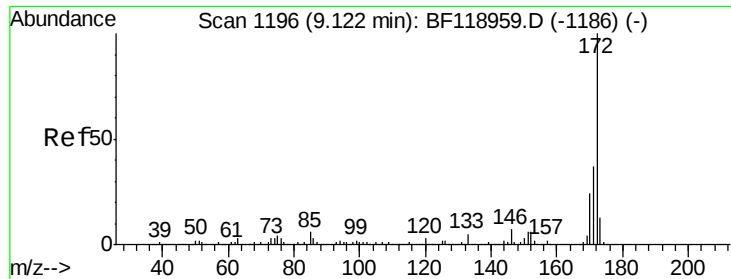
#44
 2,4,5-Trichlorophenol
 Concen: 35.970 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Tgt Ion:196 Resp: 234680
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.8 115.2
 97 47.0 38.5 57.7
 132 27.4 22.2 33.4



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



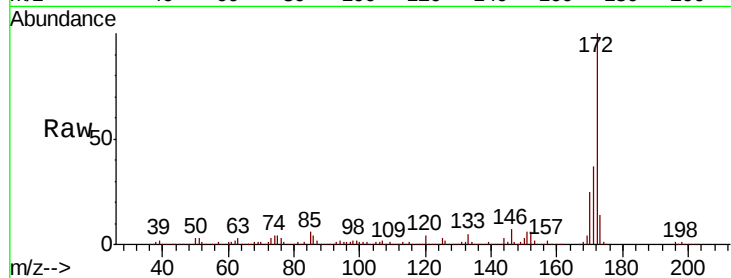


#45
 2-Fluorobiphenyl
 Concen: 75.686 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

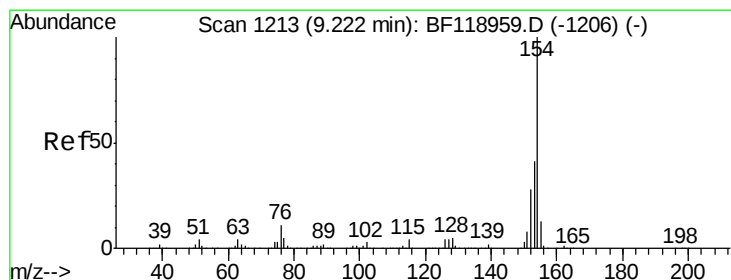
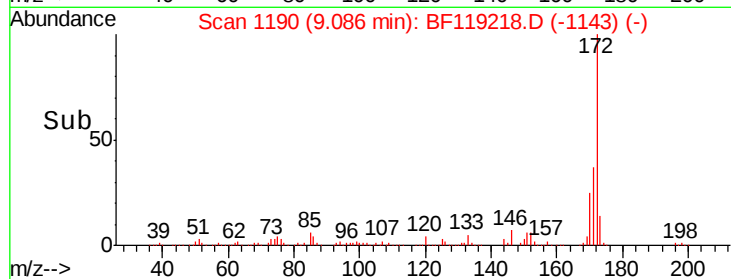
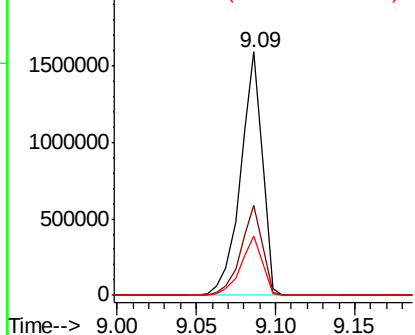
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1500271

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	24.6	20.2	30.2



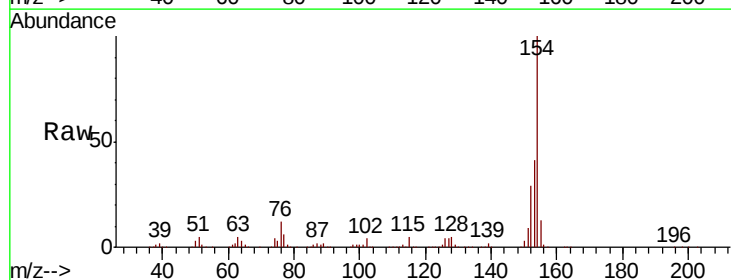
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



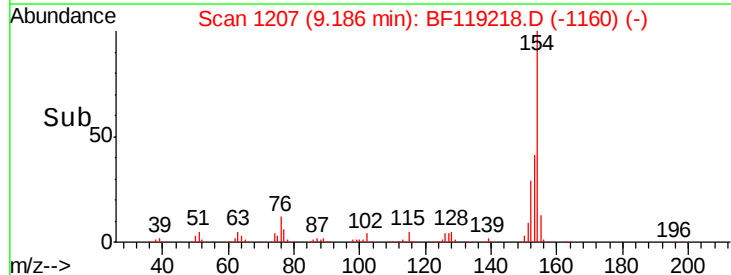
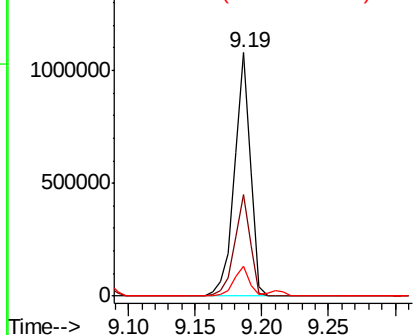
#46
 1,1'-Biphenyl
 Concen: 38.661 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

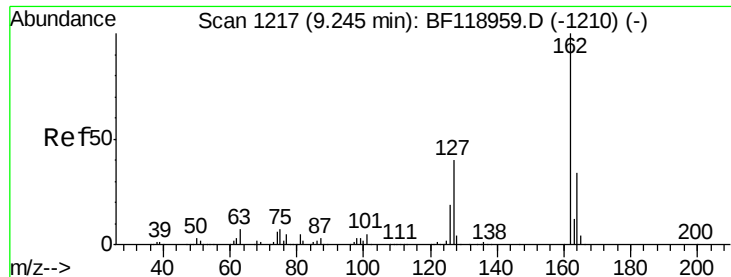
Tgt Ion:154 Resp: 912431

Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.8	62.8
76	12.3	0.0	32.2



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

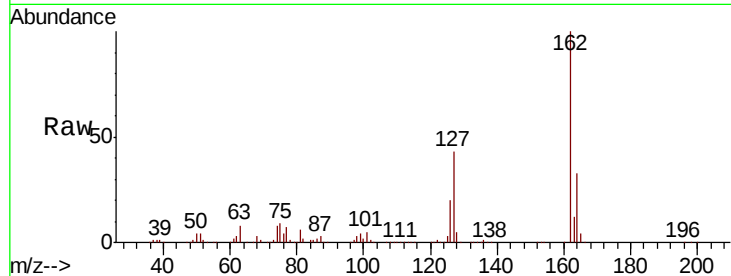




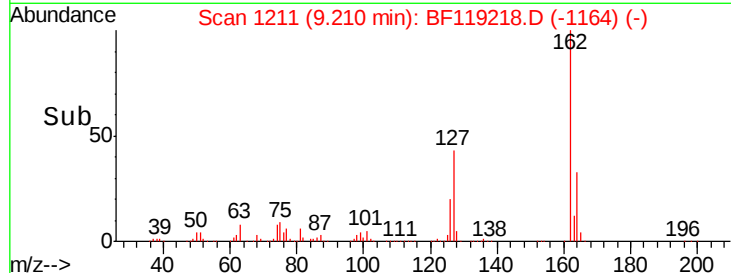
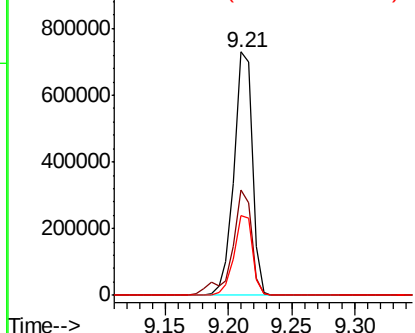
#47
 2-Chloronaphthalene
 Concen: 38.305 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.4	35.0	52.4
164	32.9	27.2	40.8

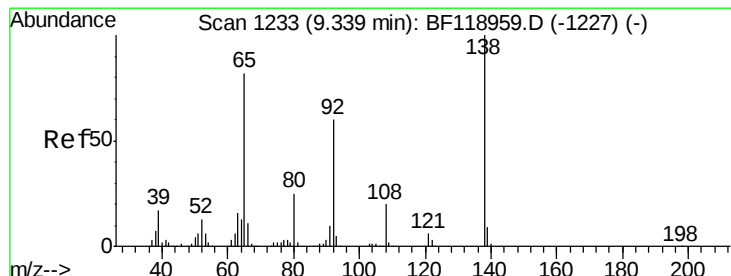


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

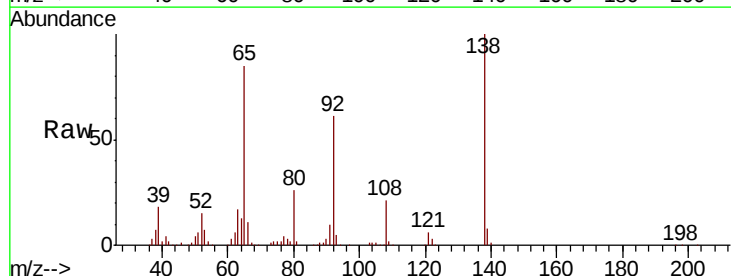
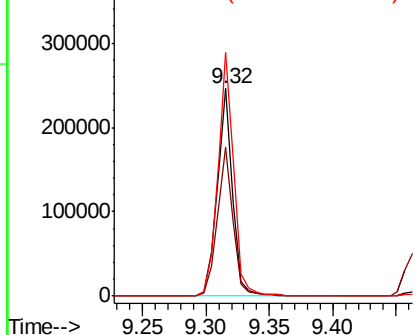


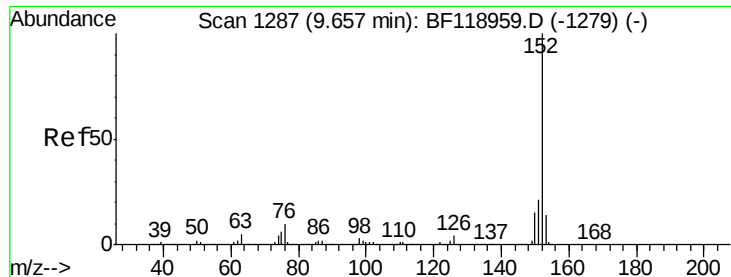
#48
 2-Nitroaniline
 Concen: 40.265 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.2	87.2
138	117.3	95.6	143.4



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





#49

Acenaphthylene

Concen: 38.427 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampled :

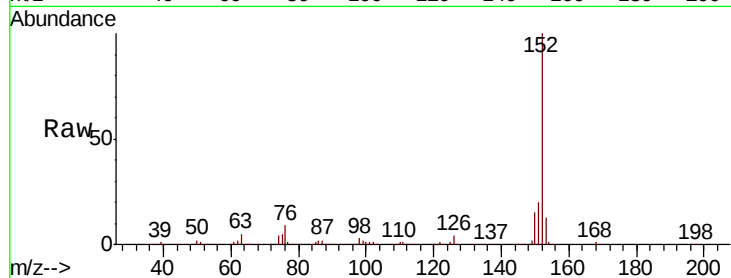
Tot Ion:152 Resp: 1055551

Ion Ratio Lower Upper

152 100

151 20.3 16.9 25.3

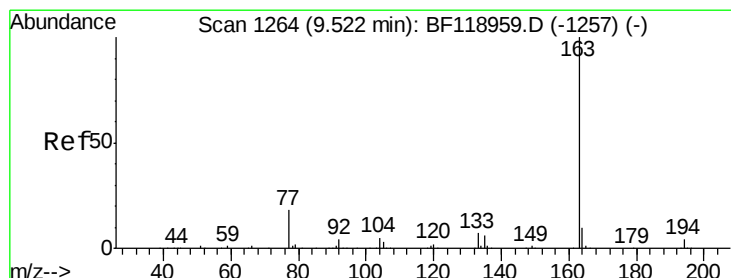
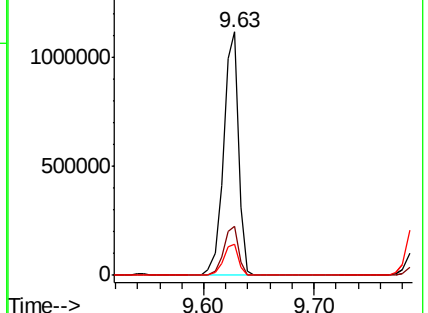
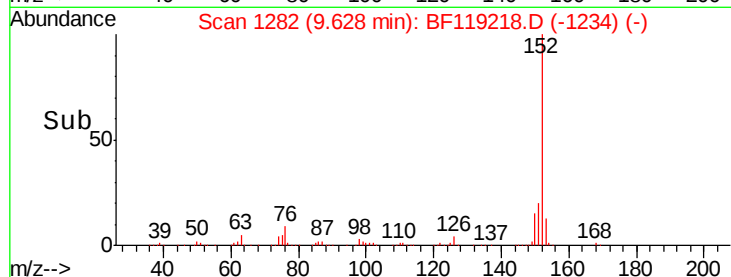
153 13.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.940 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

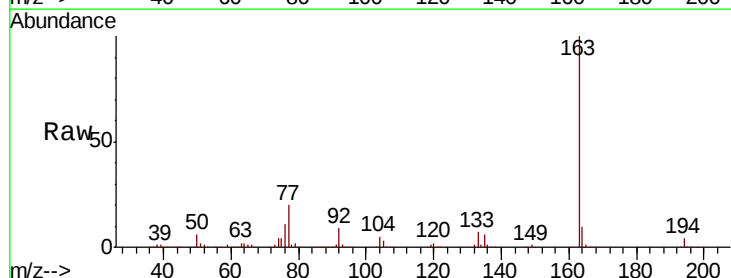
Tgt Ion:163 Resp: 869528

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

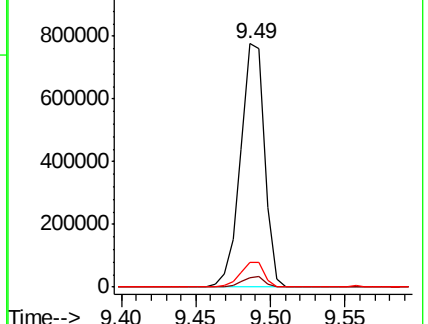
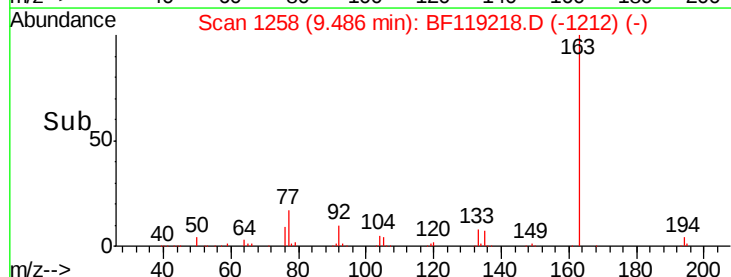
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.886 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampleId :

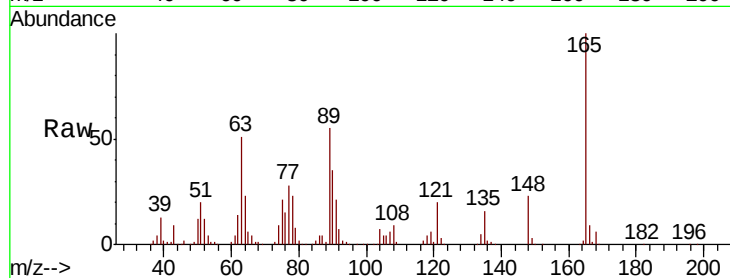
Tot Ion:165 Resp: 187957

Ion Ratio Lower Upper

165 100

63 50.8 34.3 51.5

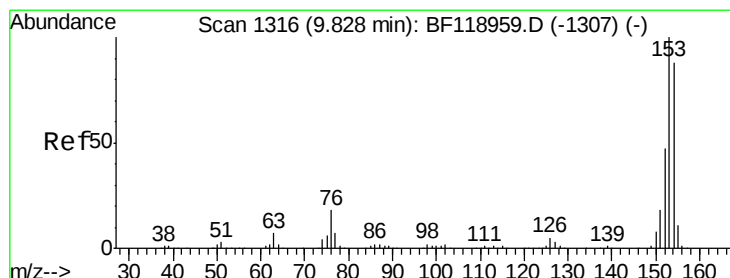
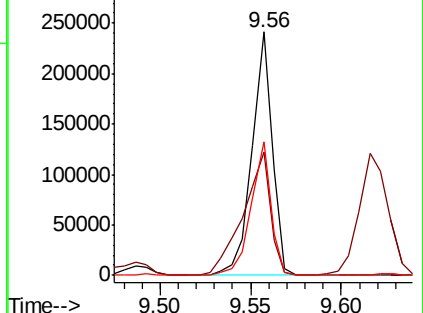
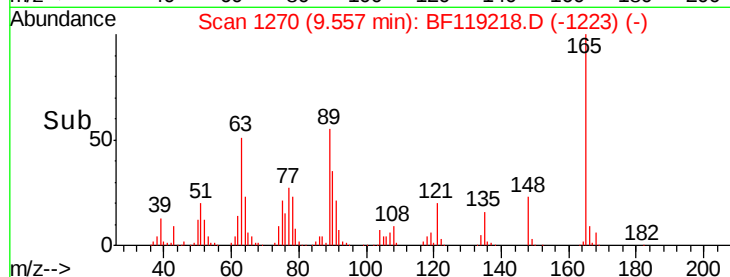
89 54.9 38.3 57.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.789 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

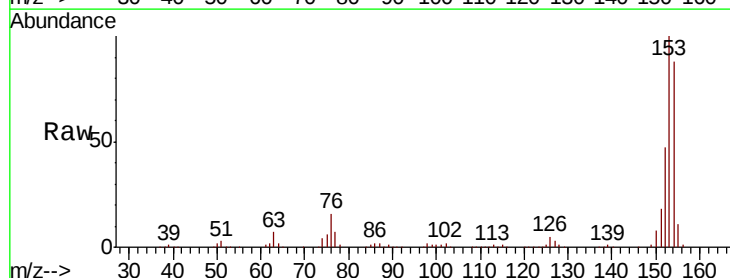
Tgt Ion:154 Resp: 642465

Ion Ratio Lower Upper

154 100

153 113.8 90.3 135.5

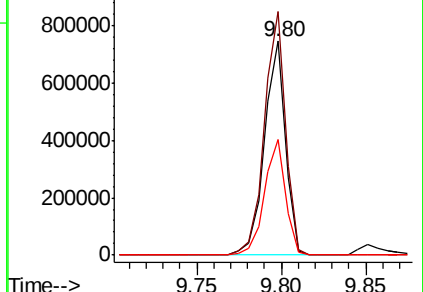
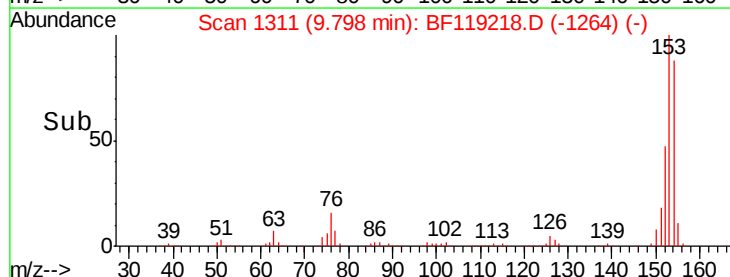
152 54.0 43.8 65.8

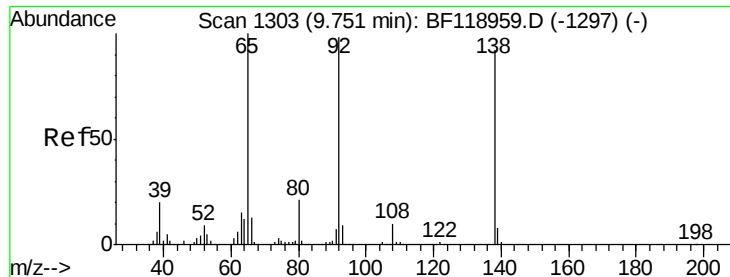


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

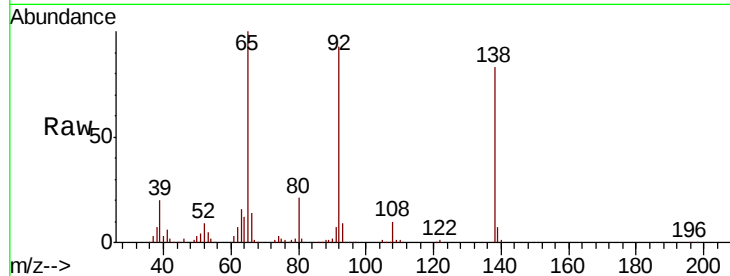




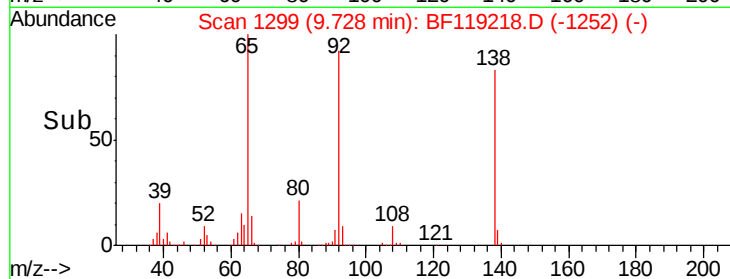
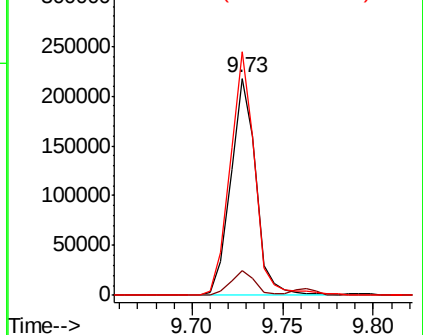
#53
3-Nitroaniline
Concen: 38.243 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 210333
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 112.1 84.8 127.2

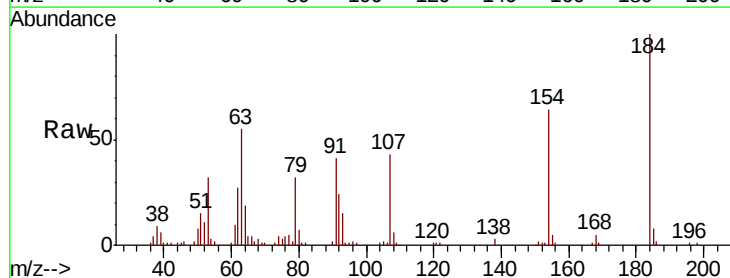


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

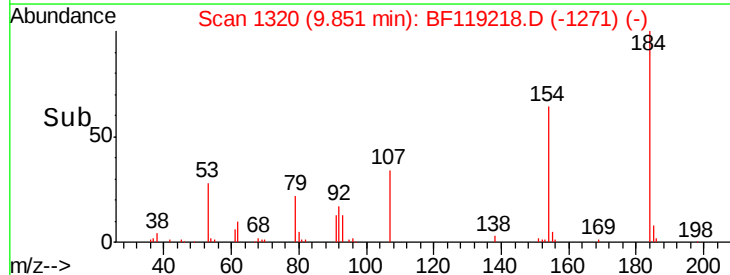
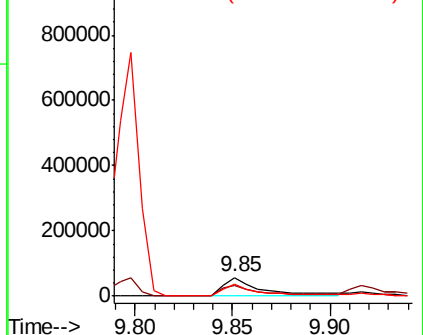


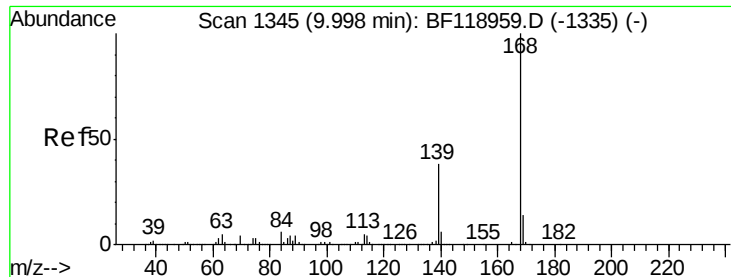
#54
2,4-Dinitrophenol
Concen: 36.799 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion:184 Resp: 77993
Ion Ratio Lower Upper
184 100
63 55.1 38.7 58.1
154 63.8 49.7 74.5



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

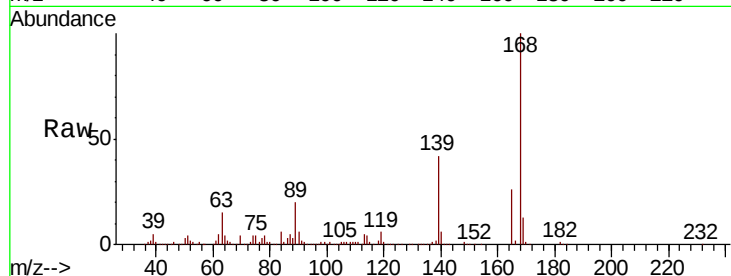




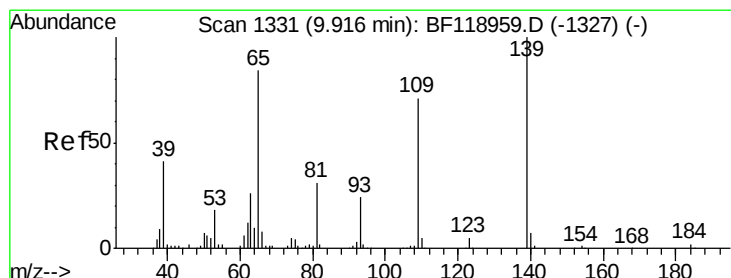
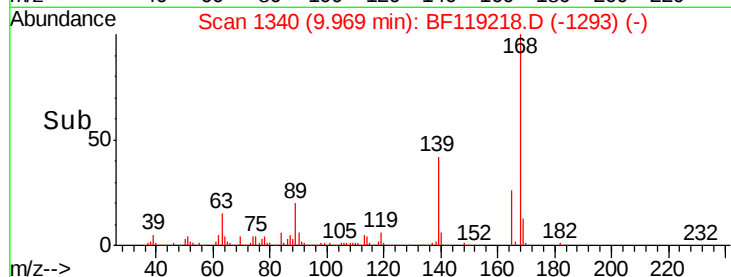
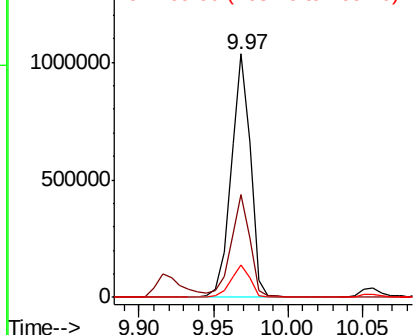
#55
Dibenzofuran
Concen: 38.193 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 944224
Ion Ratio Lower Upper
168 100
139 42.0 34.0 51.0
169 13.5 11.0 16.4

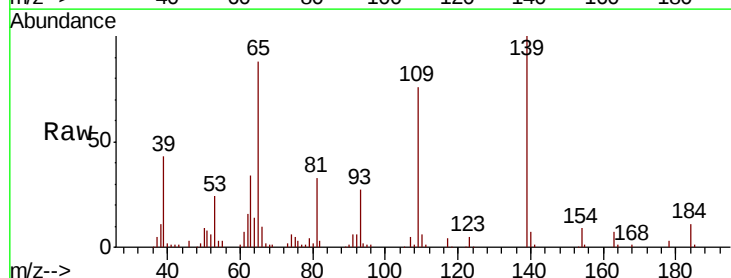


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

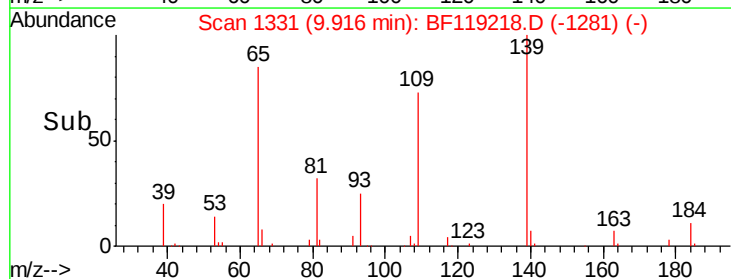
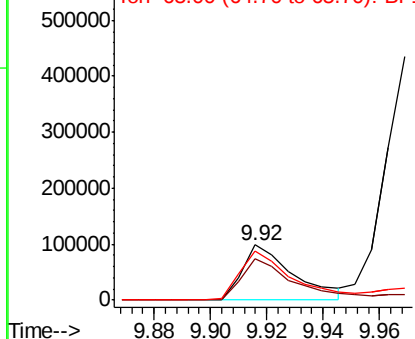


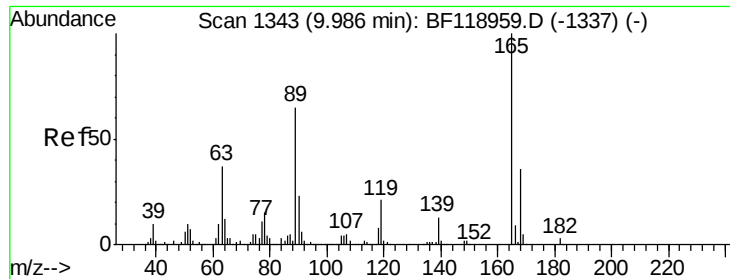
#56
4-Nitrophenol
Concen: 37.187 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion:139 Resp: 122882
Ion Ratio Lower Upper
139 100
109 75.8 56.7 96.7
65 88.4 65.0 105.0



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

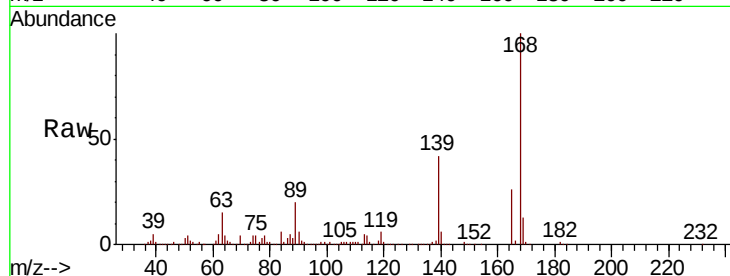




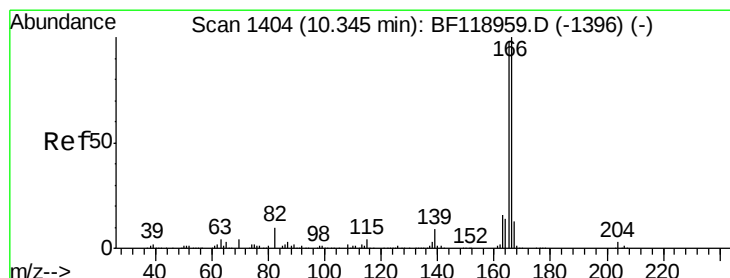
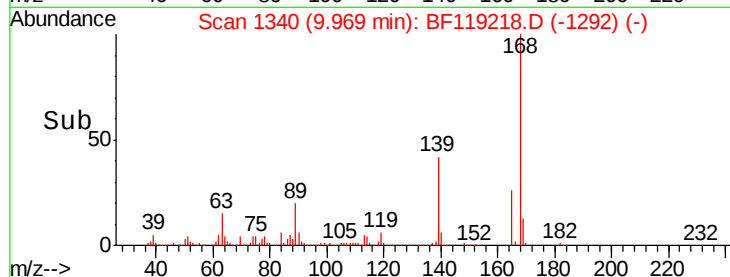
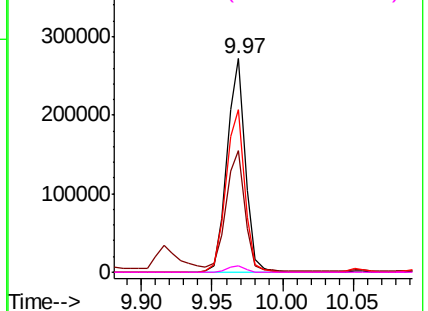
#57
 2,4-Dinitrotoluene
 Concen: 37.796 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	243048
Ion	Ratio	Lower	Upper
165	100		
63	56.8	42.3	63.5
89	76.3	60.2	90.4
182	3.1	2.3	3.5

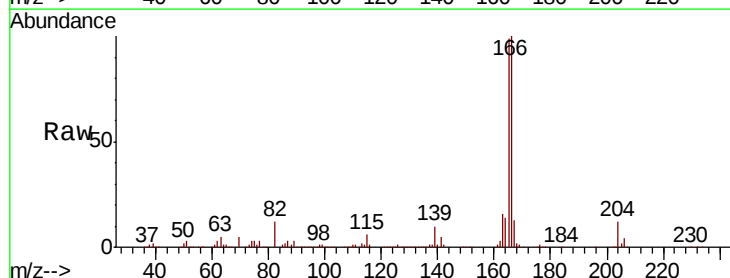


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

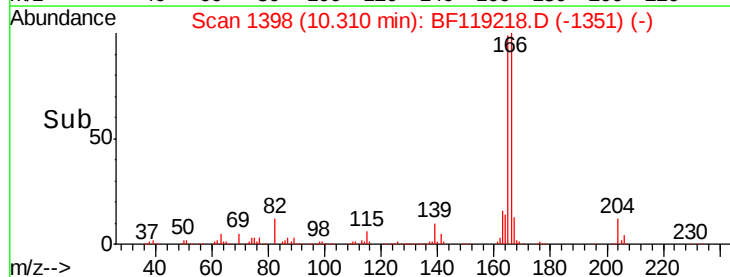
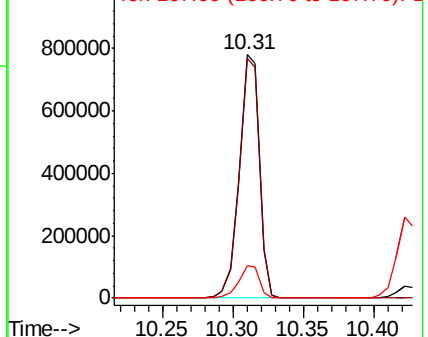


#58
 Fluorene
 Concen: 40.069 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Tgt Ion:	166	Resp:	769746
Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.5	117.7
167	13.5	11.0	16.4



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

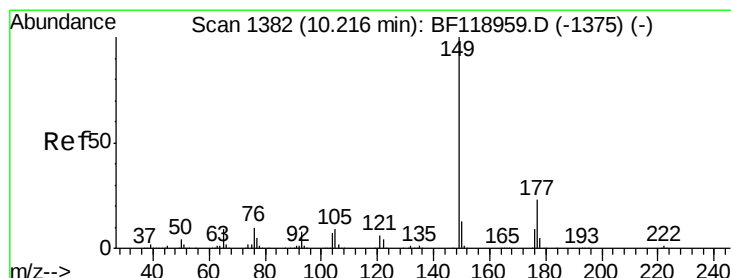
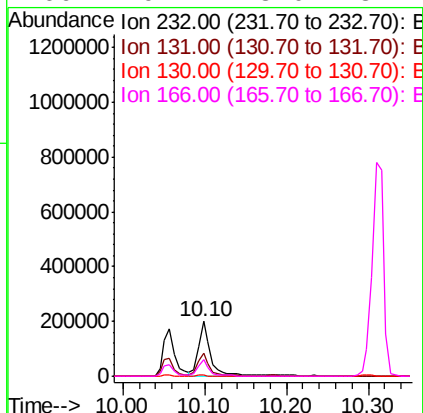
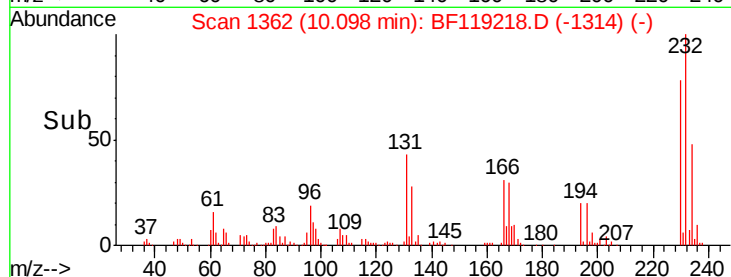
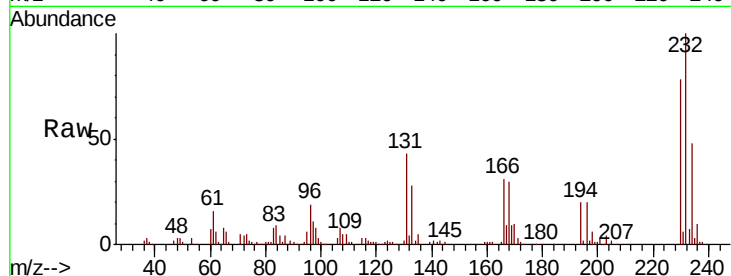




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.943 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

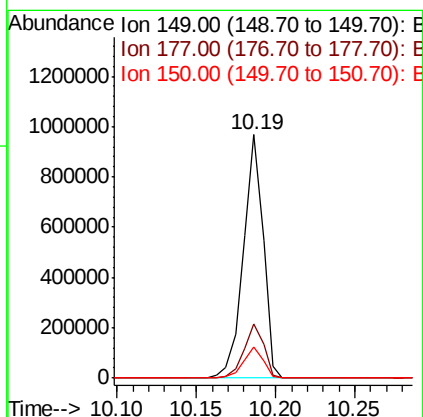
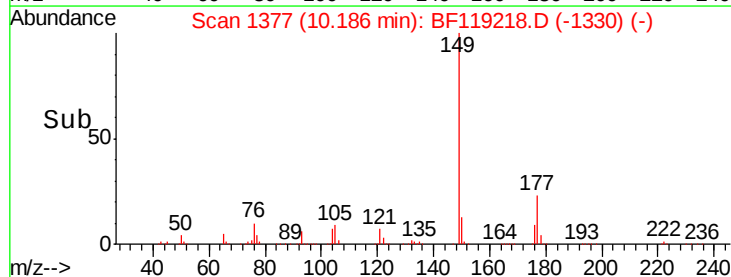
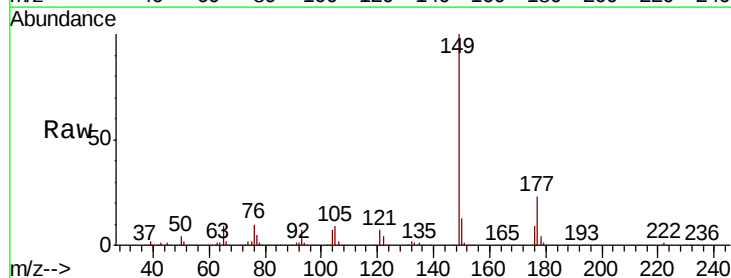
Instrument :
 BNA_F
 ClientSampleId :

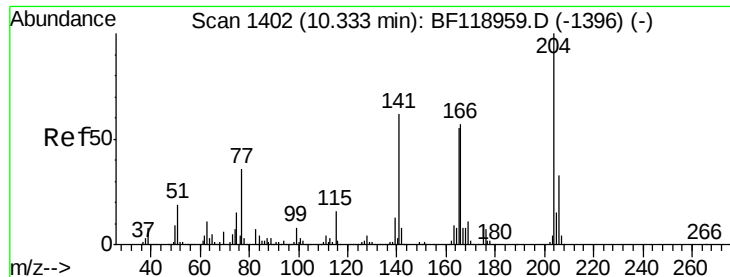
Tot Ion:	232	Resp:	208884
Ion	Ratio	Lower	Upper
232	100		
131	41.9	33.8	50.8
130	2.1	1.8	2.6
166	29.2	23.0	34.4



#60
 Diethylphthalate
 Concen: 39.749 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Tgt Ion:	149	Resp:	836440
Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.2	27.2
150	12.9	10.5	15.7

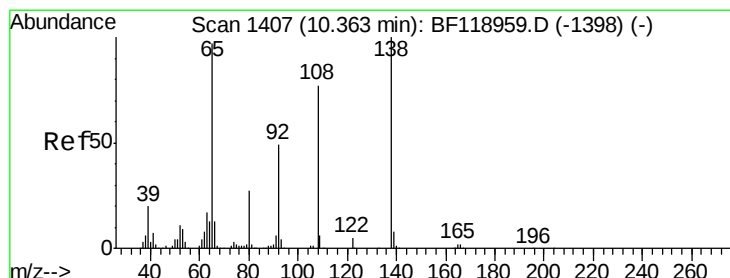
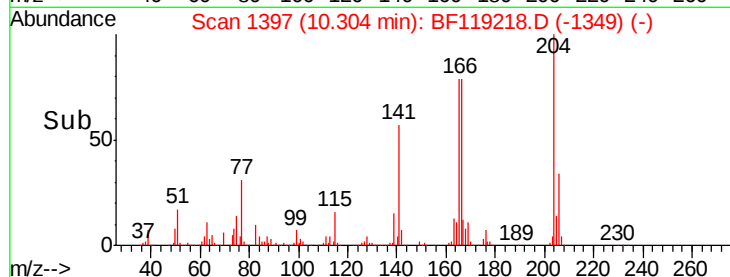
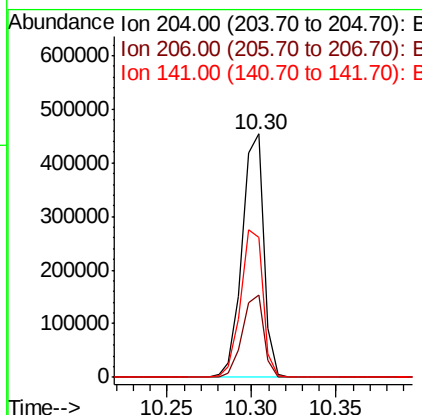
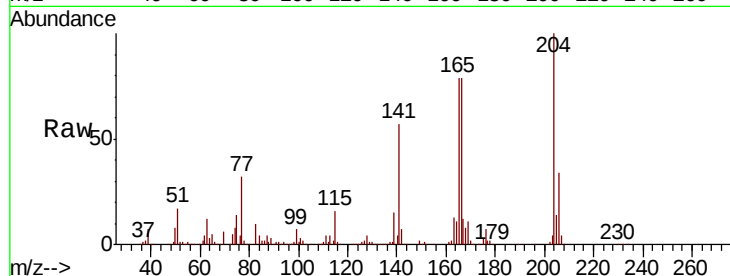




#61
 4-Chlorophenyl-phenylether
 Concen: 40.137 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

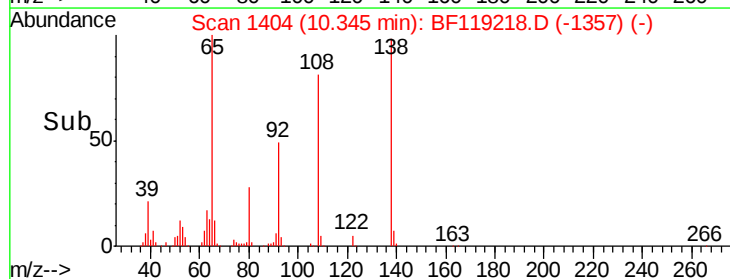
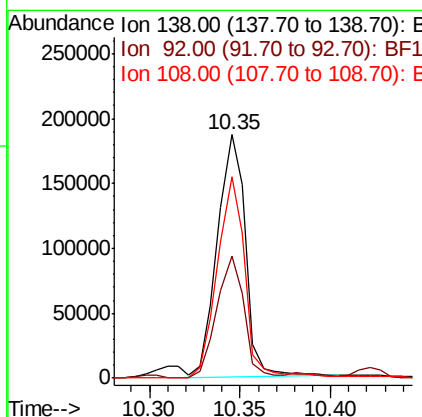
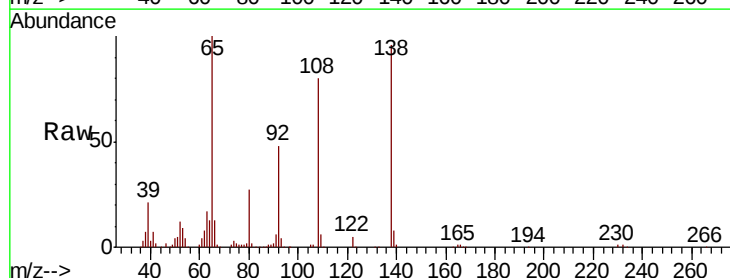
Instrument :
 BNA_F
 ClientSampleId :

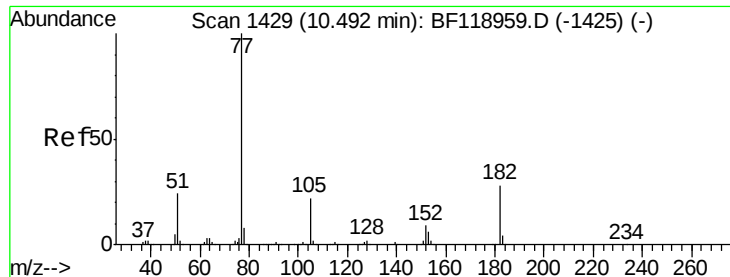
Tot Ion:	204	Resp:	408129
Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.1	40.7
141	57.4	52.9	79.3



#62
 4-Nitroaniline
 Concen: 35.782 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Tgt Ion:	138	Resp:	201347
Ion	Ratio	Lower	Upper
138	100		
92	50.2	27.3	67.3
108	82.8	57.0	97.0

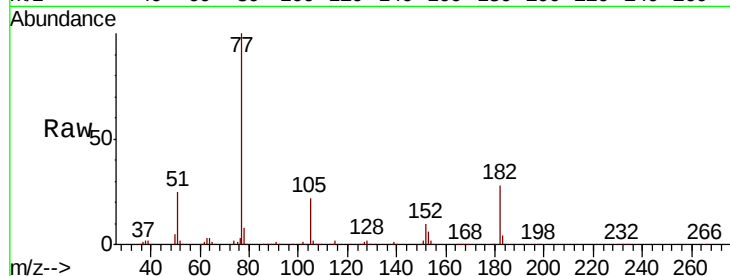




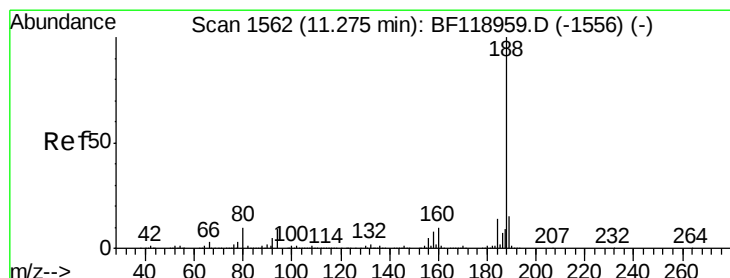
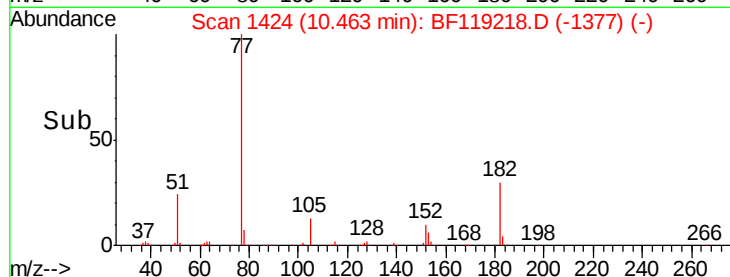
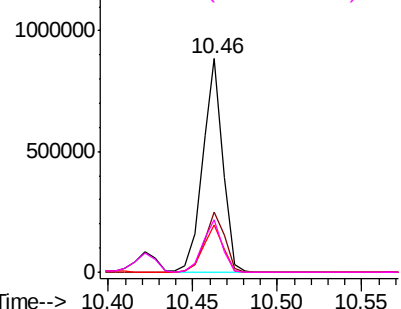
#63
Azobenzene
Concen: 40.024 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	732080
Ion	Ratio	Lower	Upper
77	100		
182	28.3	11.4	51.4
105	22.3	3.4	43.4
51	24.6	5.1	45.1

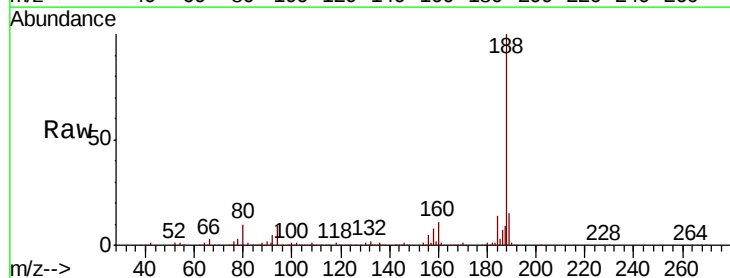


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

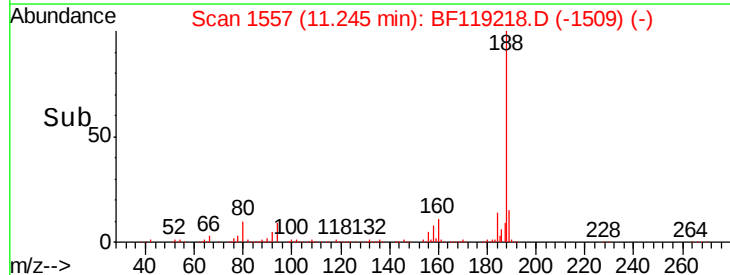
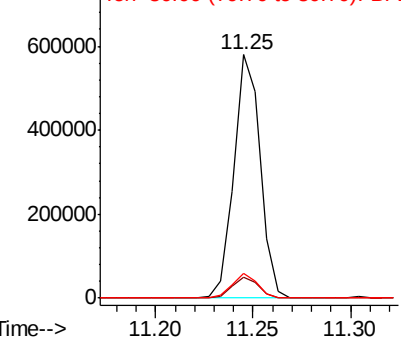


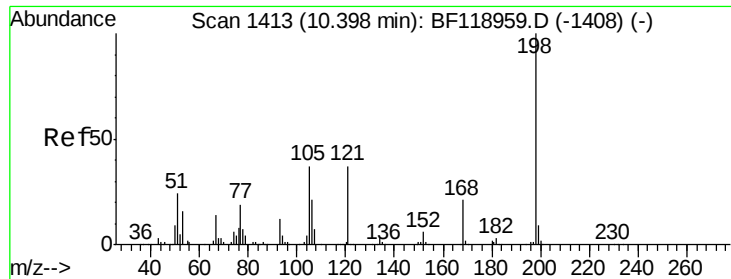
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion:	188	Resp:	541496
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	10.0	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.548 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampleId :

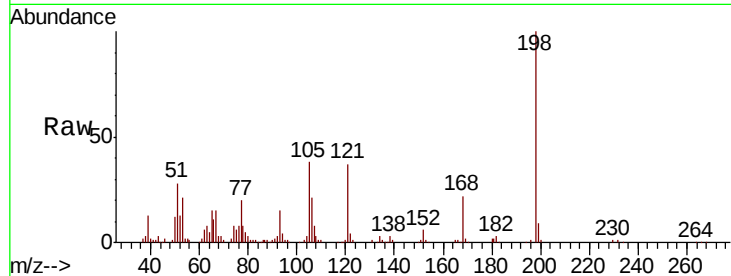
Tot Ion:198 Resp: 132862

Ion Ratio Lower Upper

198 100

51 27.9 14.2 54.2

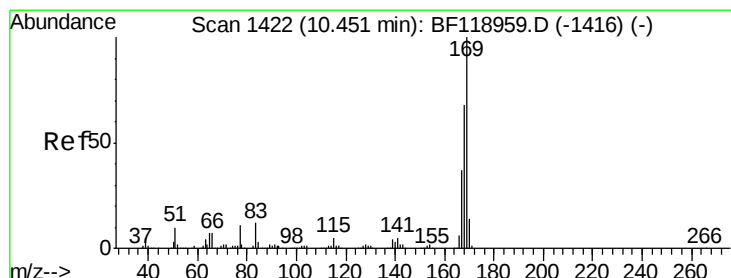
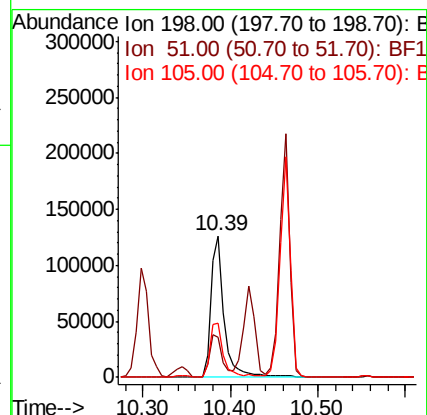
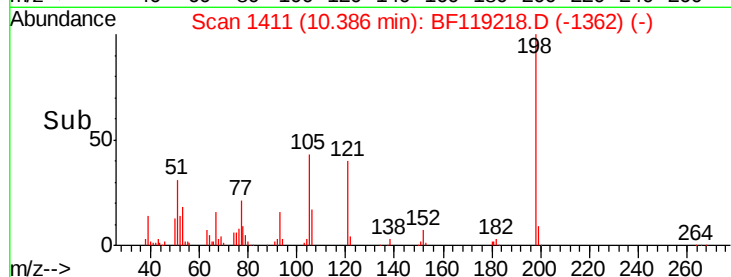
105 38.3 22.7 62.7



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: 38.624 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

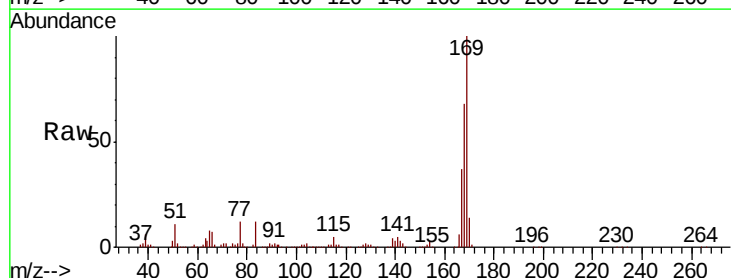
Tgt Ion:169 Resp: 684829

Ion Ratio Lower Upper

169 100

168 67.9 54.1 81.1

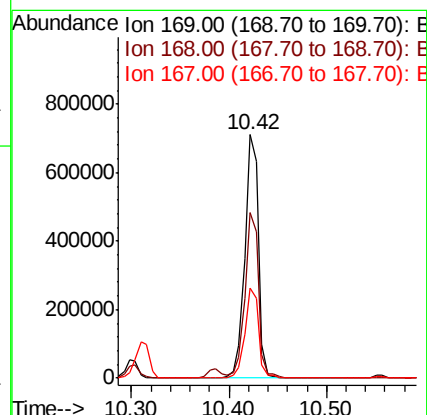
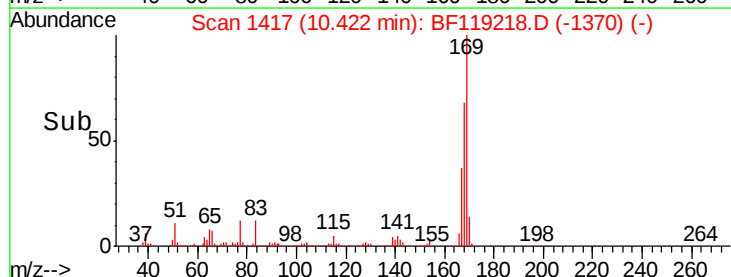
167 36.8 29.4 44.0

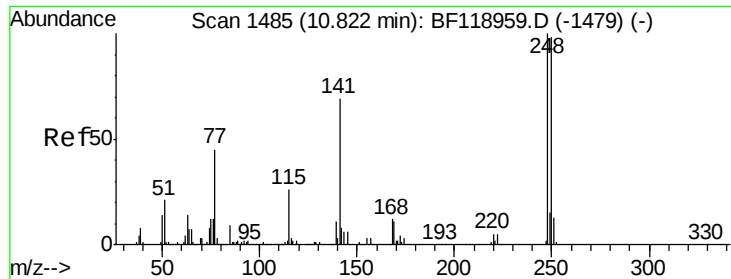


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

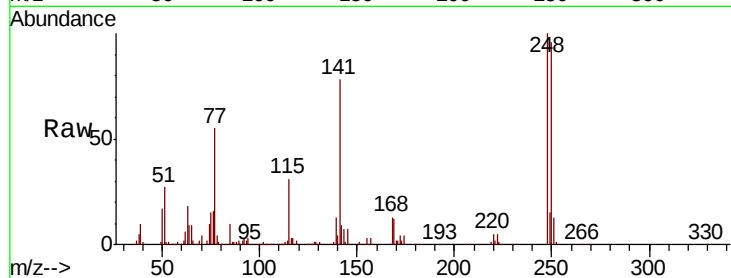




#67
4-Bromophenyl-phenylether
Concen: 38.297 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.7	115.1
141	78.0	60.7	91.1

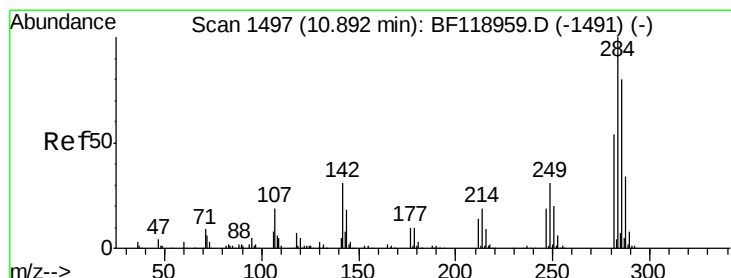
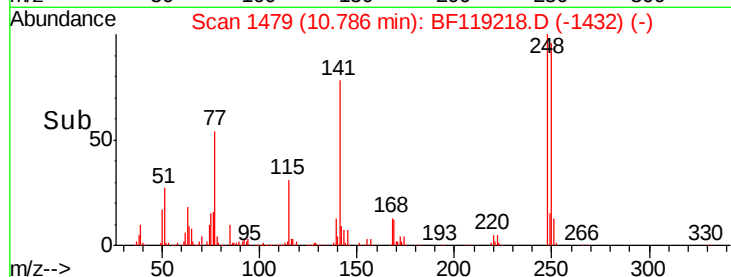
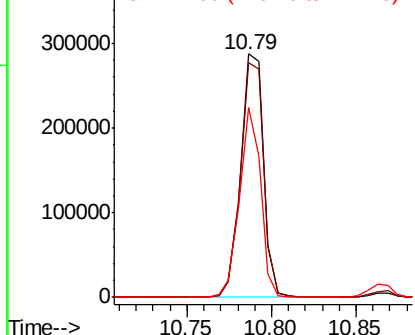


Abundance

Ion 248.00 (247.70 to 248.70): E

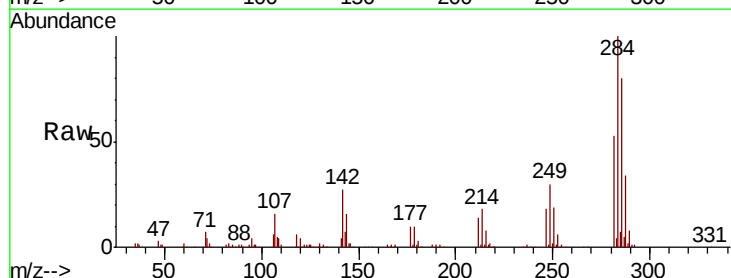
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.242 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	23.7	35.5
249	29.8	25.0	37.6

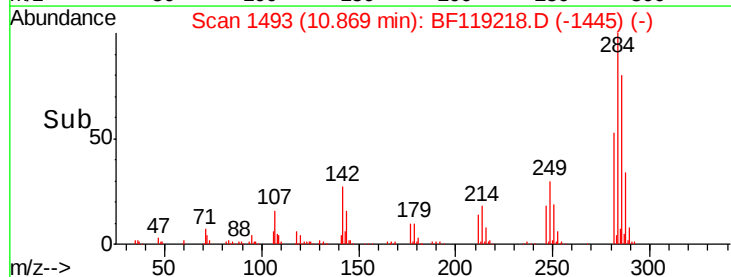
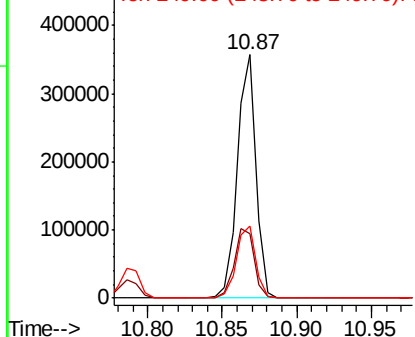


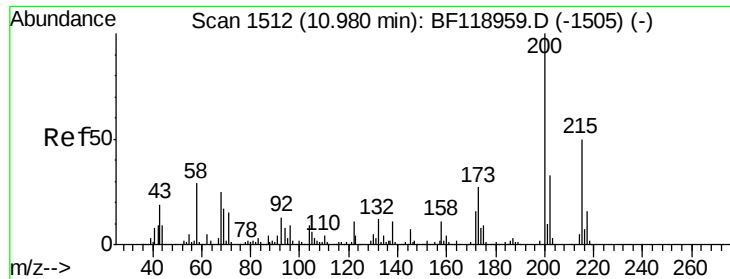
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 35.619 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampleId :

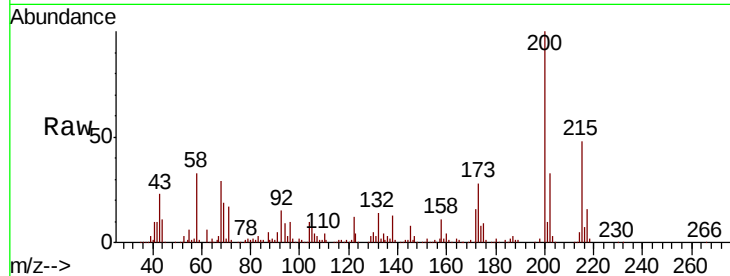
Tot Ion:200 Resp: 220654

Ion Ratio Lower Upper

200 100

173 27.7 6.4 46.4

215 48.4 27.4 67.4

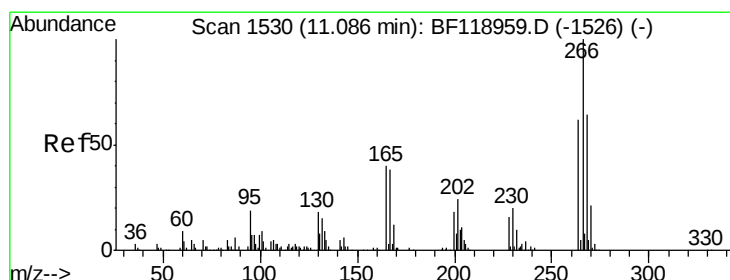
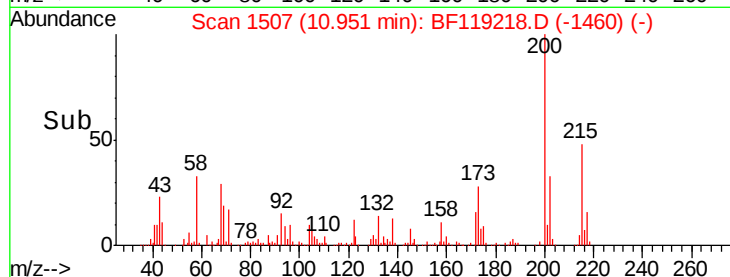
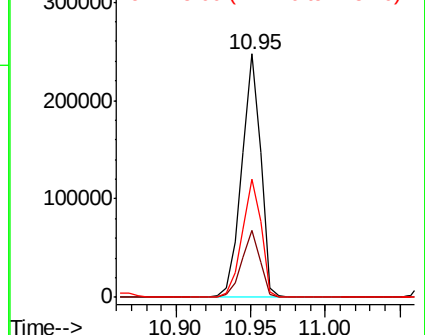


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 32.220 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

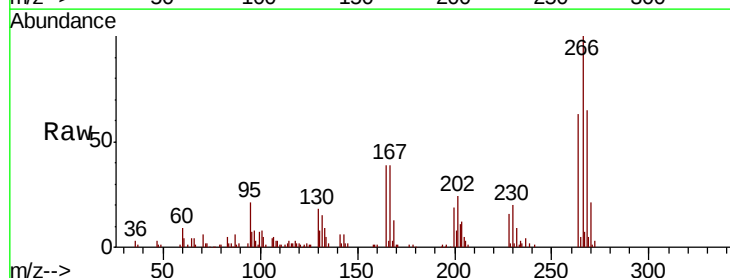
Tgt Ion:266 Resp: 105917

Ion Ratio Lower Upper

266 100

268 65.4 51.9 77.9

264 63.0 51.0 76.4

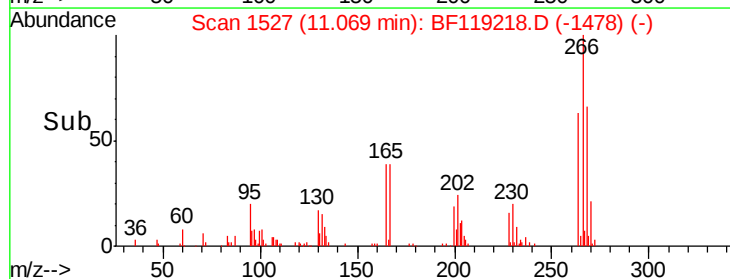
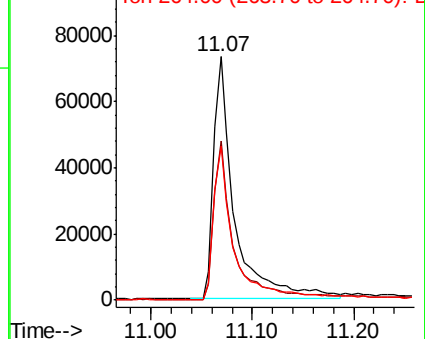


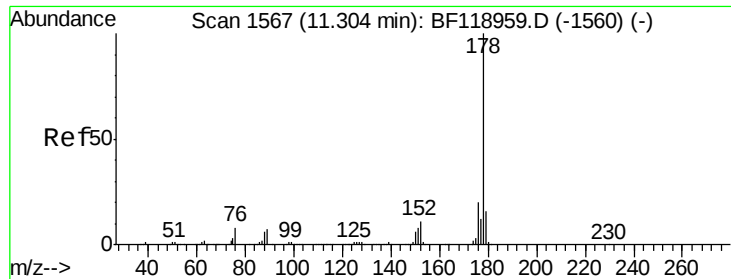
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

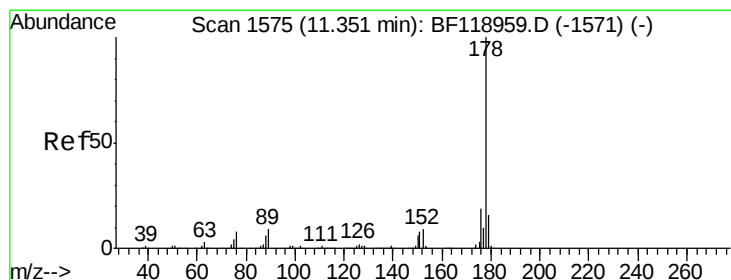
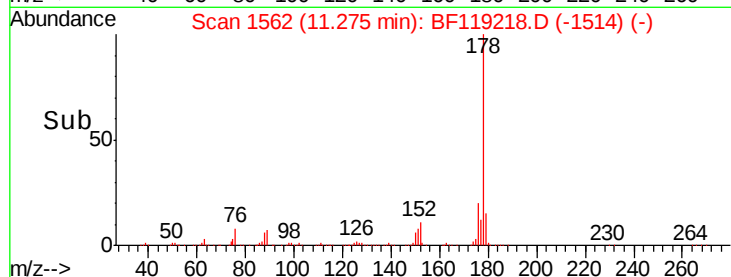
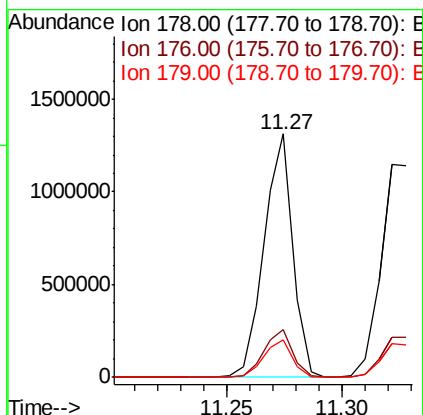
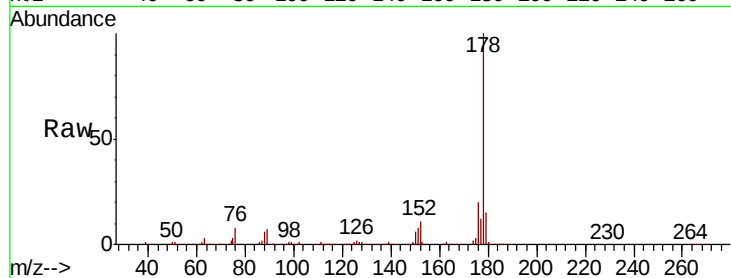




#71
Phenanthrene
Concen: 38.635 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

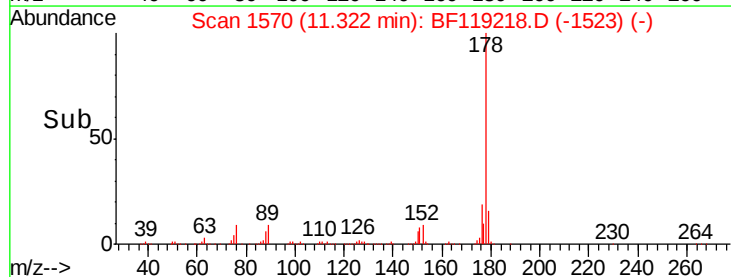
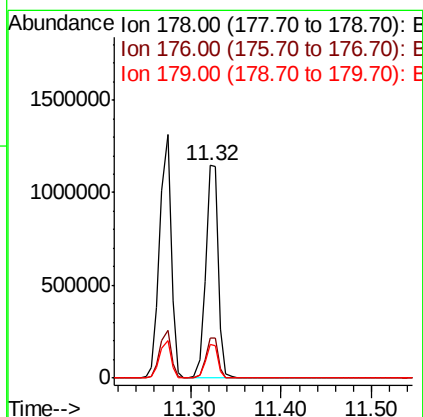
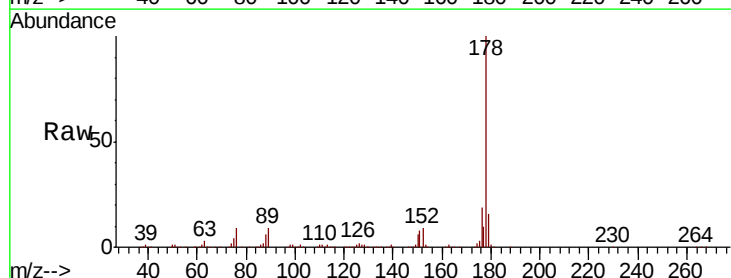
Instrument :
BNA_F
ClientSampleId :

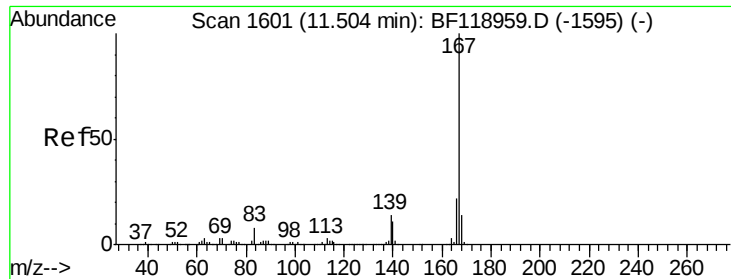
Tot Ion:178 Resp: 1140919
Ion Ratio Lower Upper
178 100
176 19.5 16.5 24.7
179 15.4 13.0 19.6



#72
Anthracene
Concen: 38.724 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion:178 Resp: 1142574
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 16.0 13.1 19.7



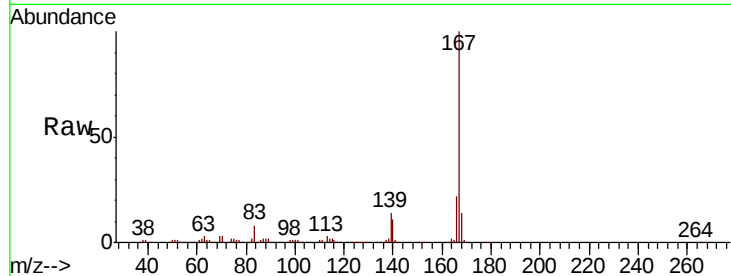


#73
 Carbazole
 Concen: 39.113 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

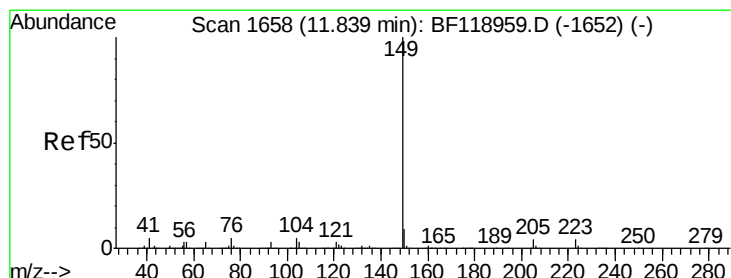
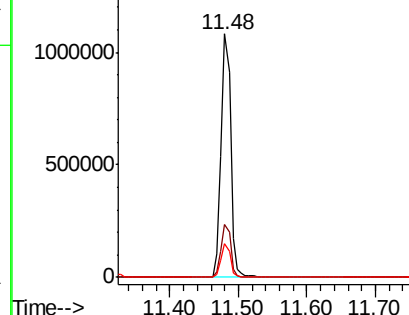
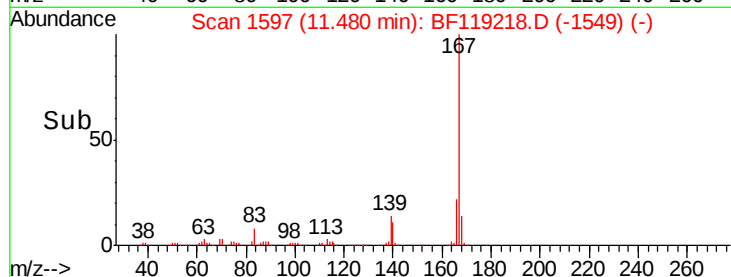
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1028131

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.4
139	14.0	11.7	17.5



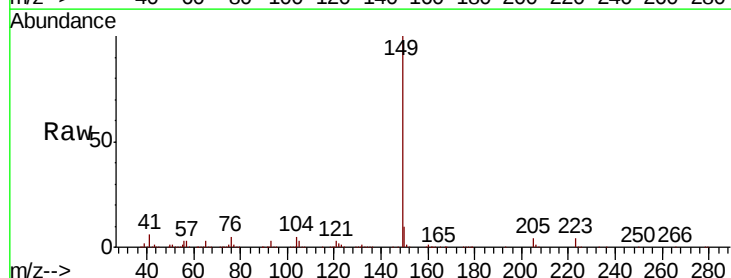
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



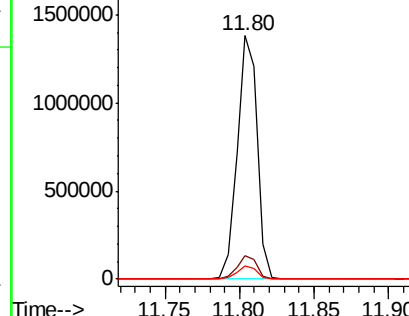
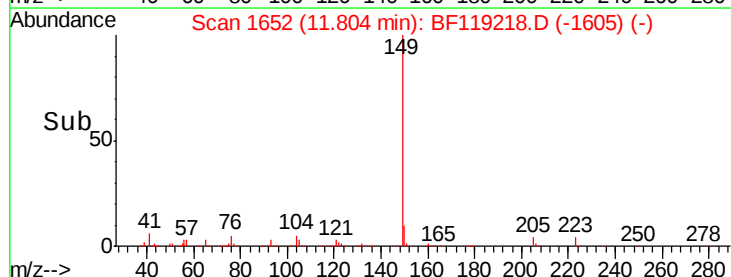
#74
 Di-n-butylphthalate
 Concen: 40.799 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Tgt Ion:149 Resp: 1298748

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.3	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

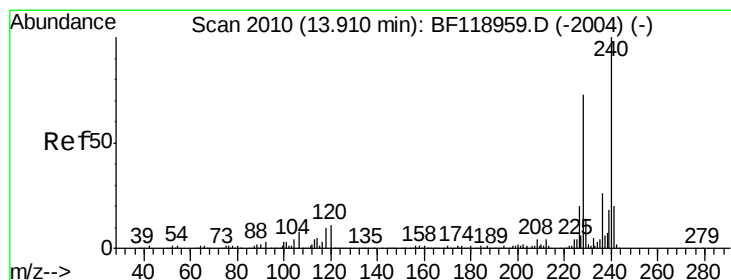
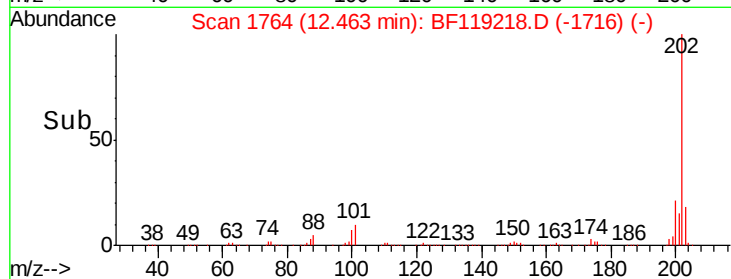
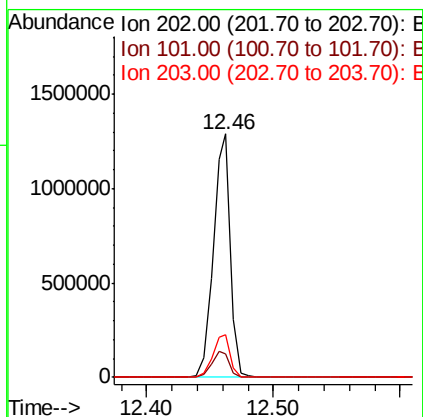
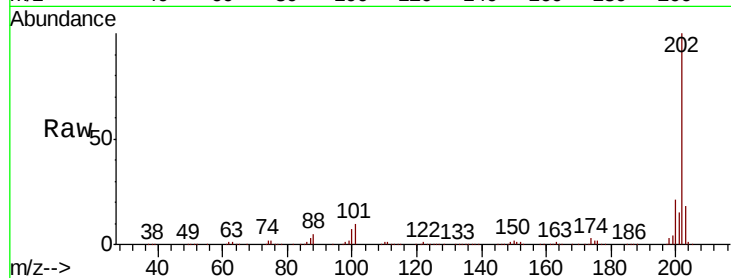




#75
 Fluoranthene
 Concen: 38.690 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

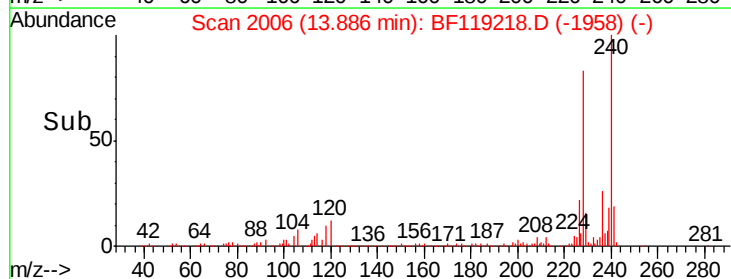
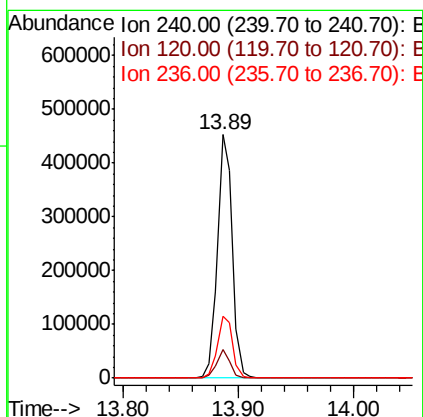
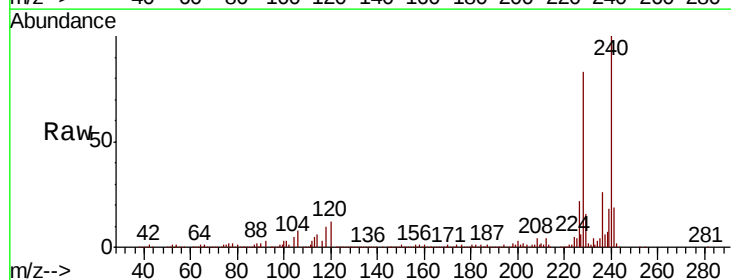
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1212771
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 30.3
 203 17.5 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Tgt Ion:240 Resp: 402787
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.4 12.6
 236 25.6 21.0 31.4





#77

Benzidine

Concen: 30.738 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

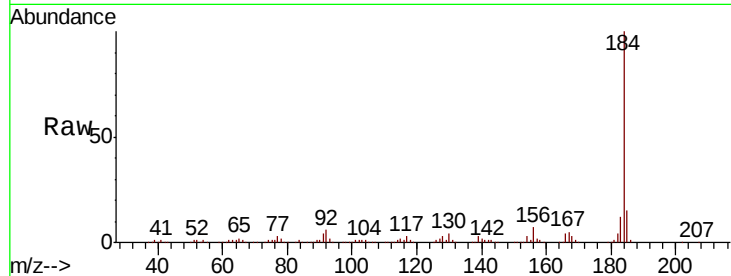
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 503525

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.4
183	11.9	9.9	14.9

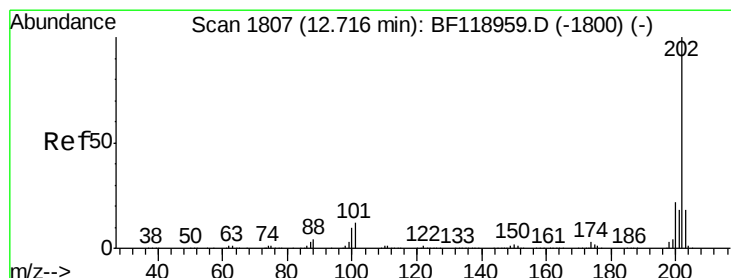
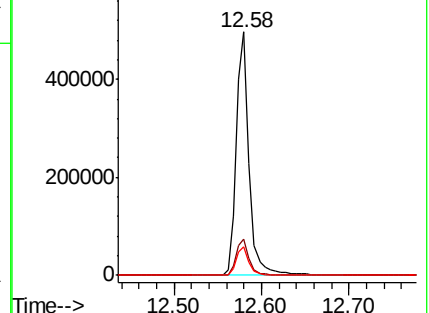
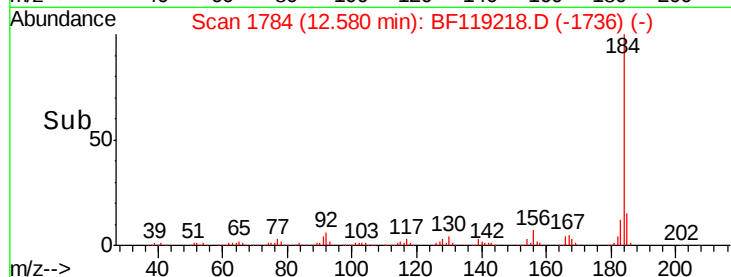


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.784 ng

RT: 12.69 min Scan# 1802

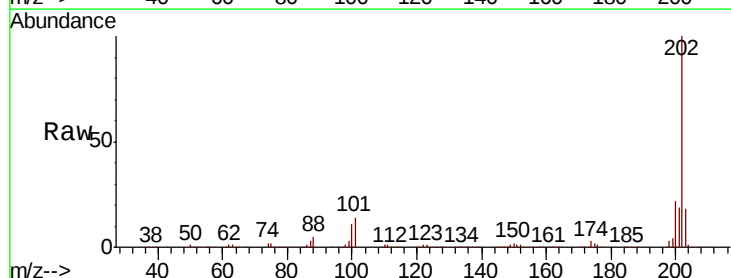
Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Tgt Ion:202 Resp: 1222070

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.0	27.0
203	18.0	14.6	22.0

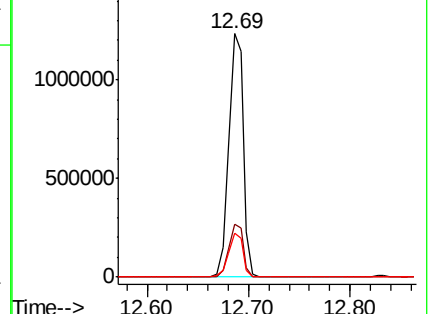
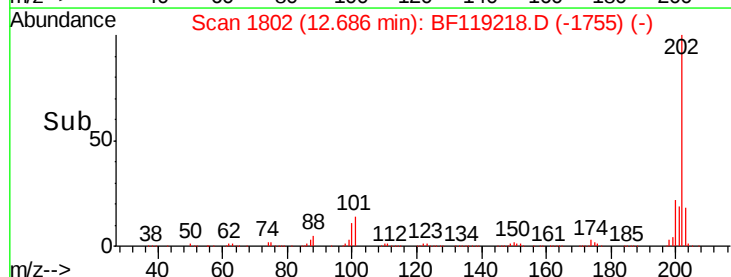


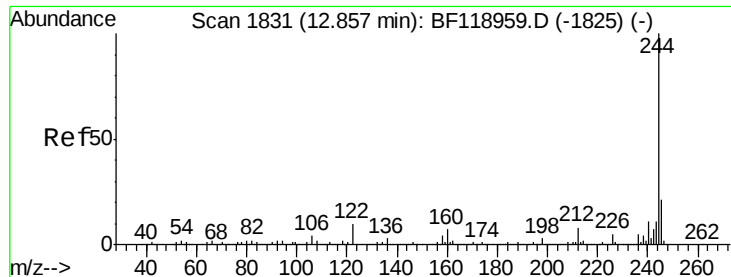
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.955 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampled :

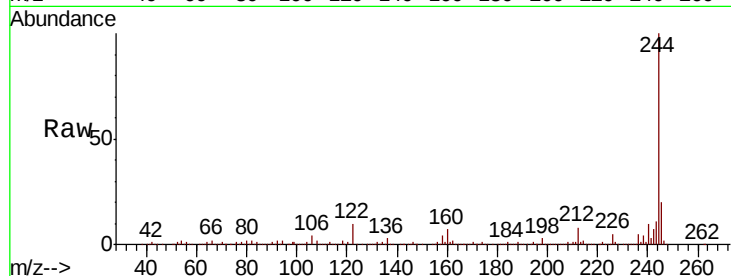
Tot Ion:244 Resp: 1870544

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

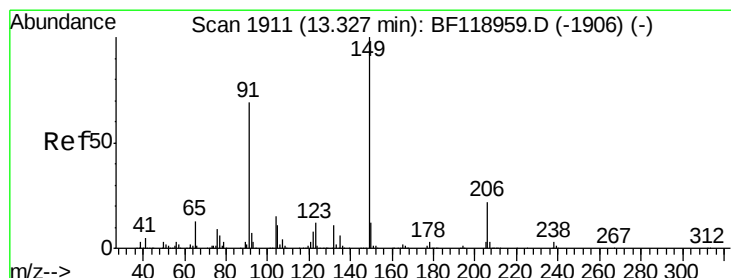
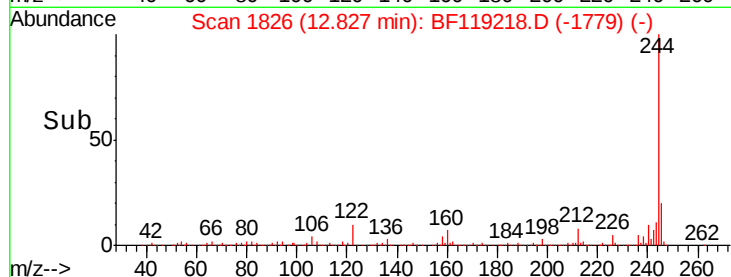
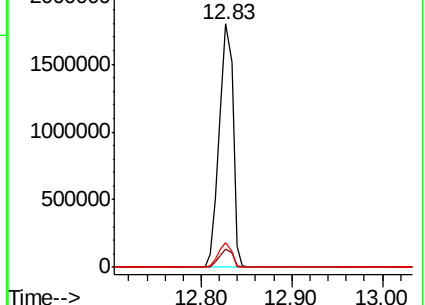
122 10.4 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.026 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

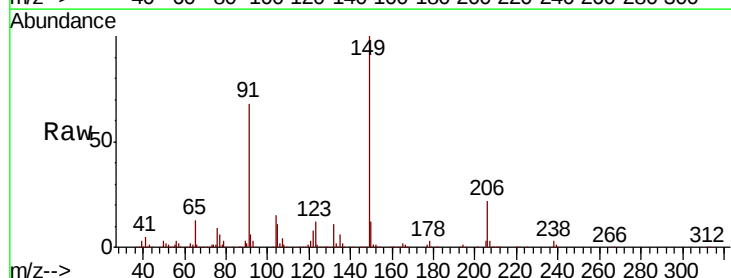
Tgt Ion:149 Resp: 544848

Ion Ratio Lower Upper

149 100

91 67.9 52.3 78.5

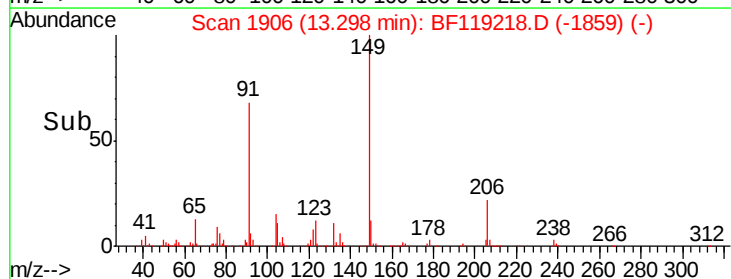
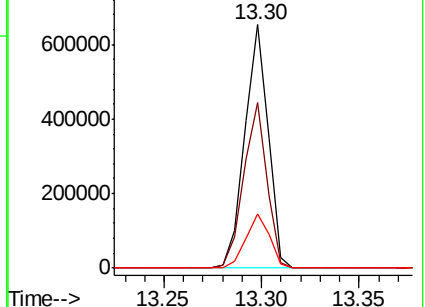
206 22.3 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.476 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampleId :

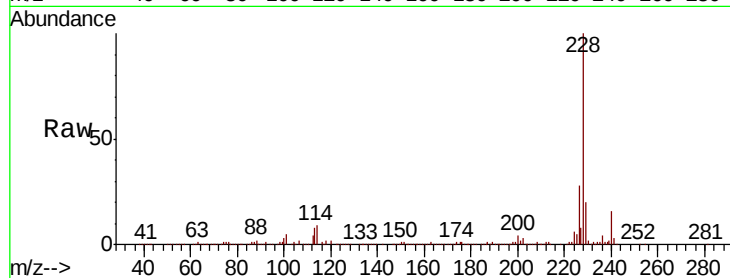
Tot Ion:228 Resp: 1110852

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

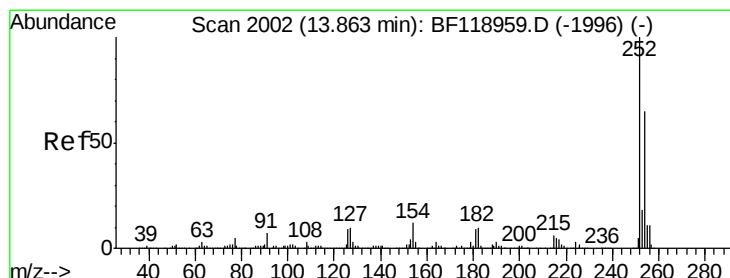
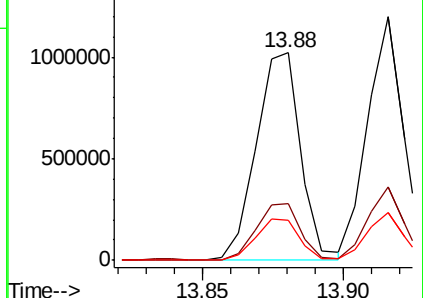
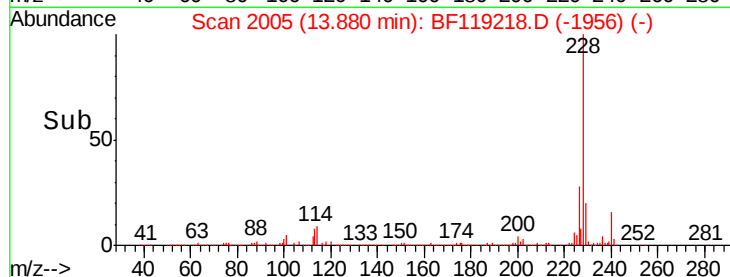
229 19.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.474 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

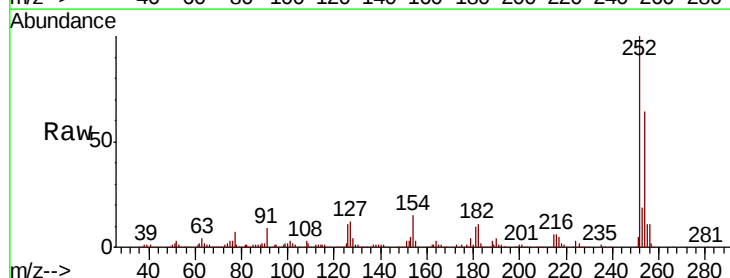
Tgt Ion:252 Resp: 420673

Ion Ratio Lower Upper

252 100

254 64.4 51.6 77.4

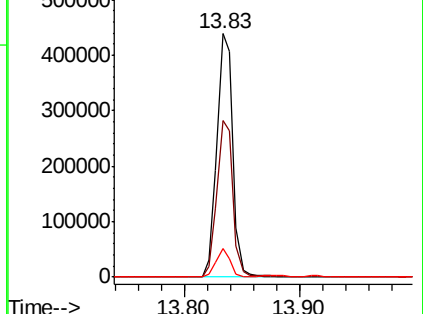
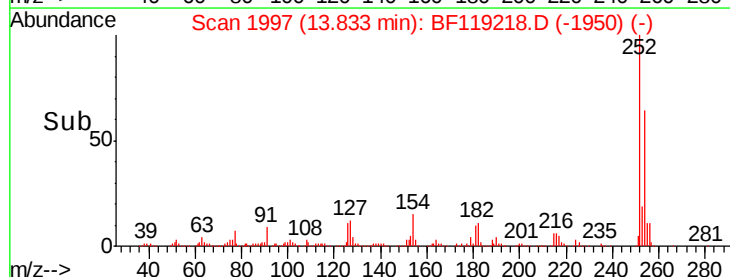
126 11.5 7.4 11.0#

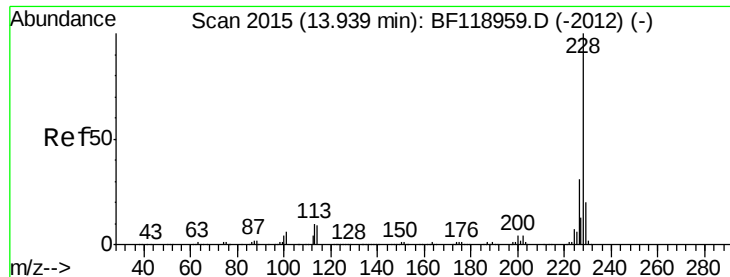


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

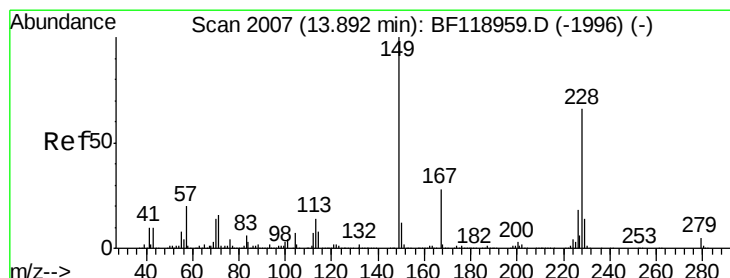
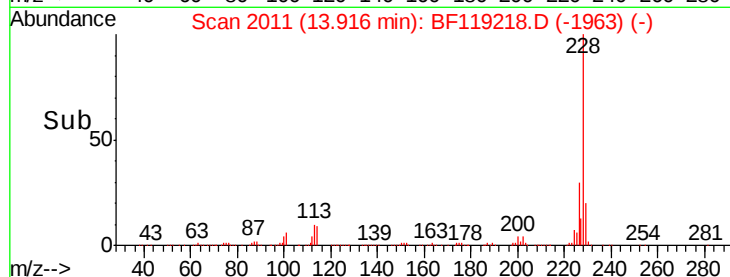
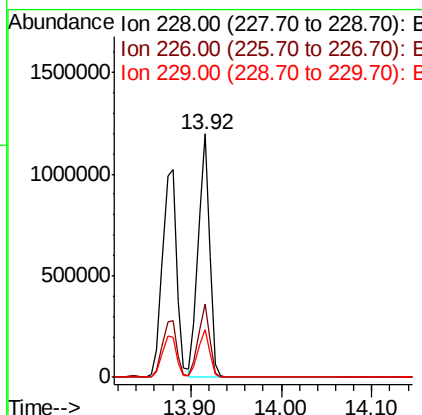
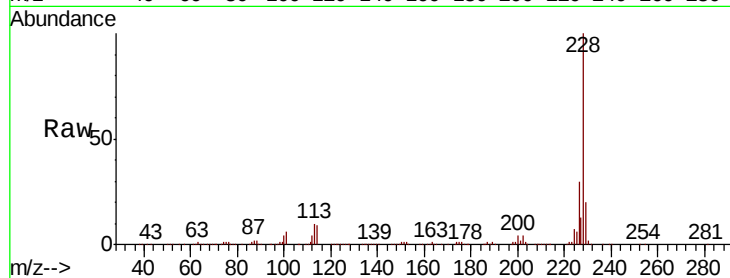




#83
 Chrvsene
 Concen: 38.329 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

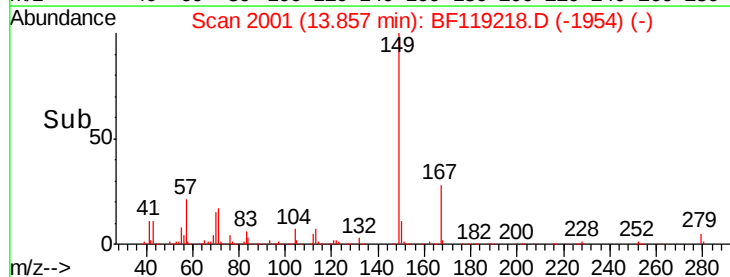
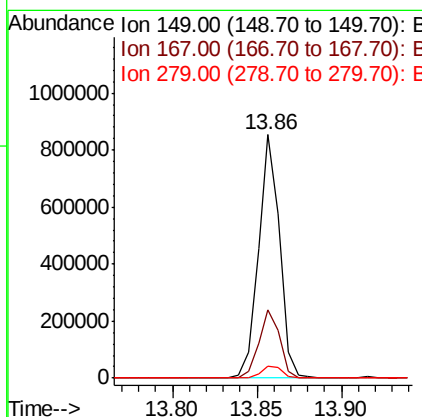
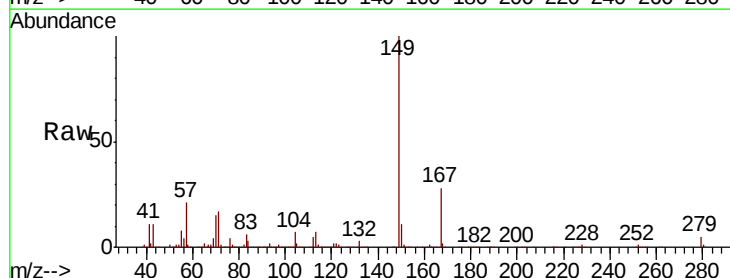
Instrument :
 BNA_F
 ClientSampleId :

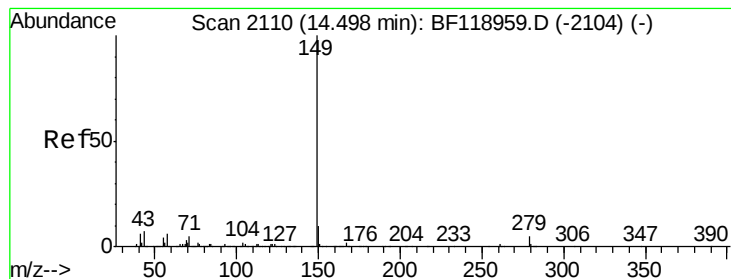
Tot Ion:228 Resp: 1048144
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.1 37.7
 229 19.8 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.095 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF119218.D
 Acq: 5 Mar 2020 17:57

Tgt Ion:149 Resp: 741123
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.8 34.2
 279 4.9 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 42.493 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampleId :

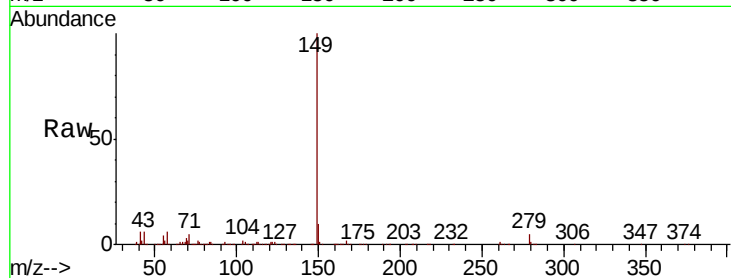
Tot Ion:149 Resp: 1164328

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

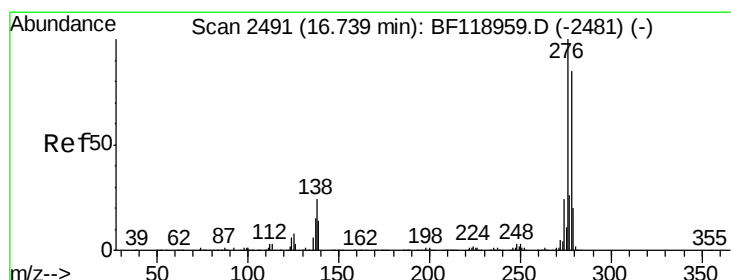
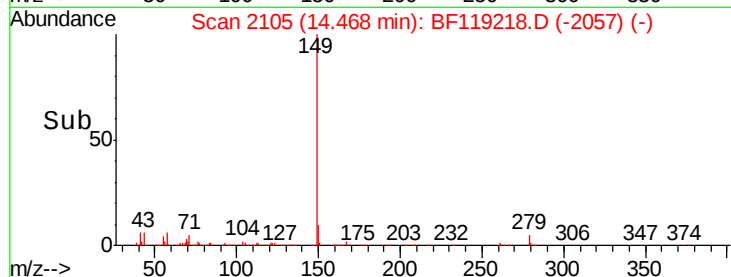
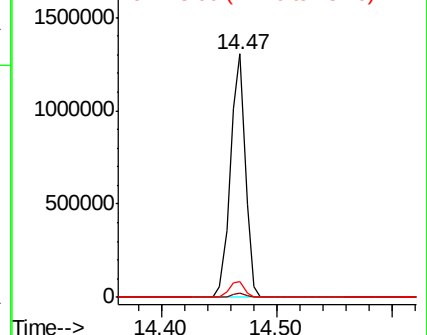
43 6.7 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.855 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

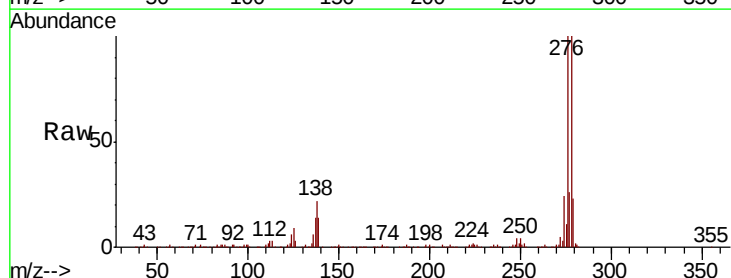
Tgt Ion:276 Resp: 896437

Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

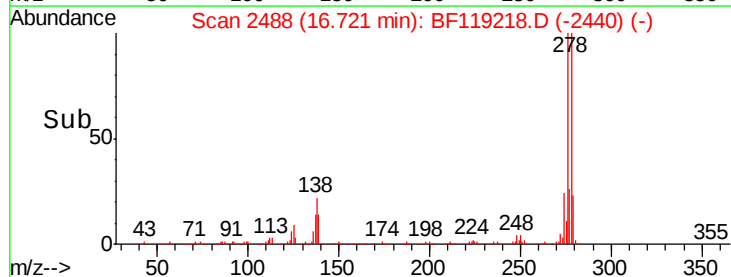
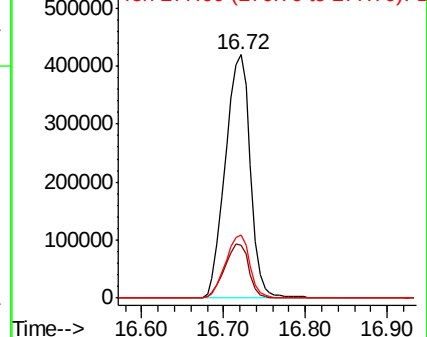
277 25.3 20.3 30.5

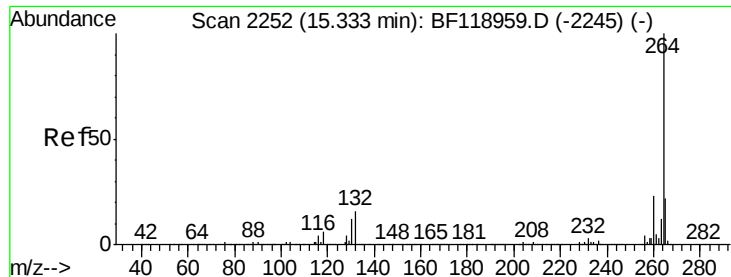


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

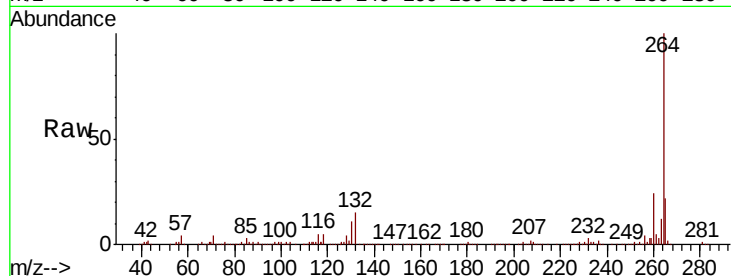




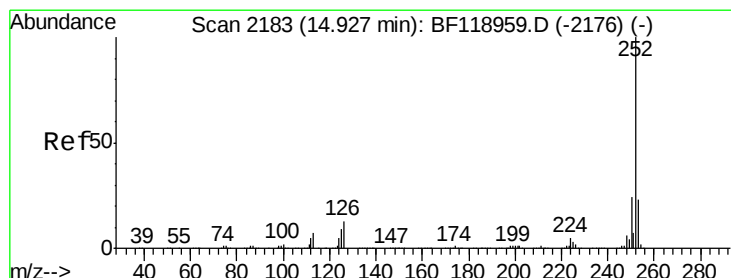
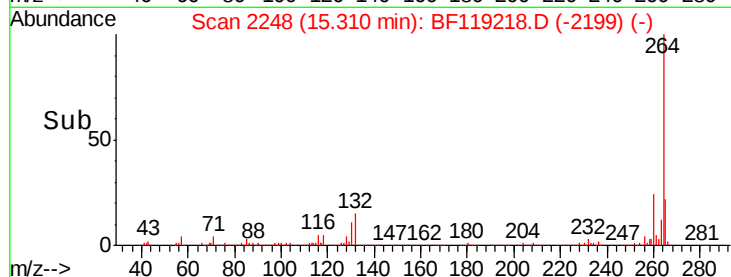
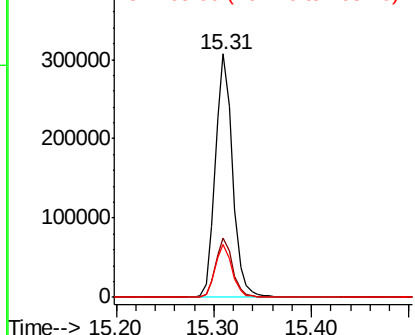
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 375989
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.5 17.7 26.5

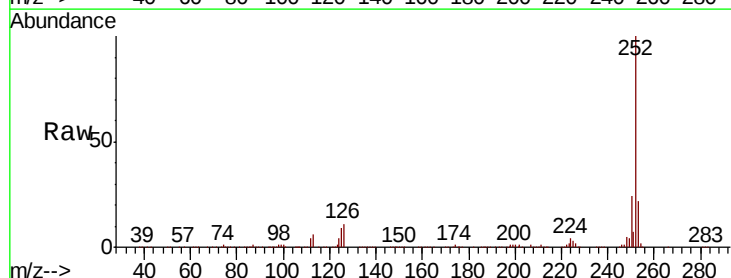


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

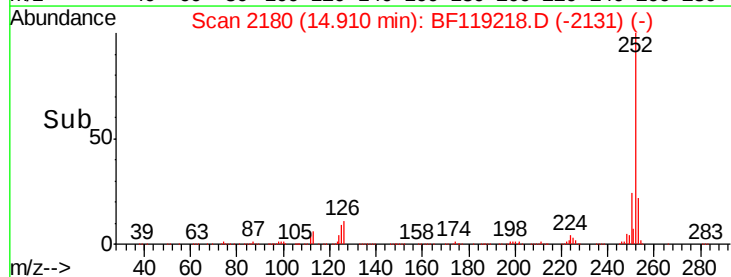
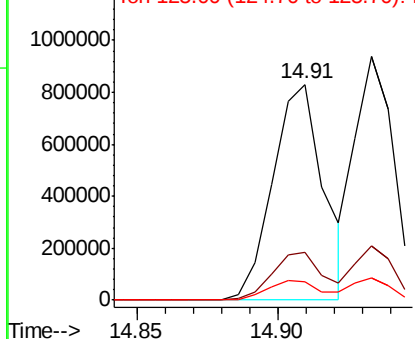


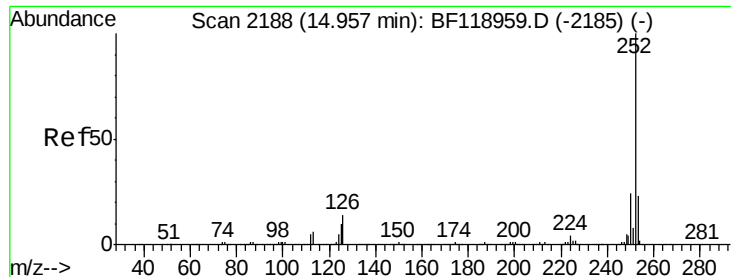
#88
Benzo(b)fluoranthene
Concen: 41.972 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion:252 Resp: 1040201
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 8.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

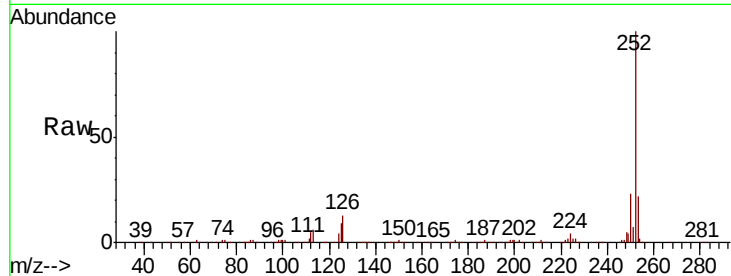




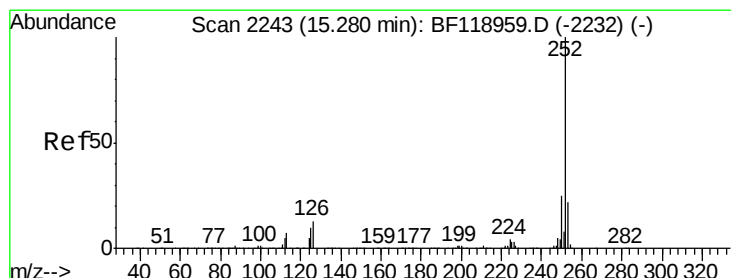
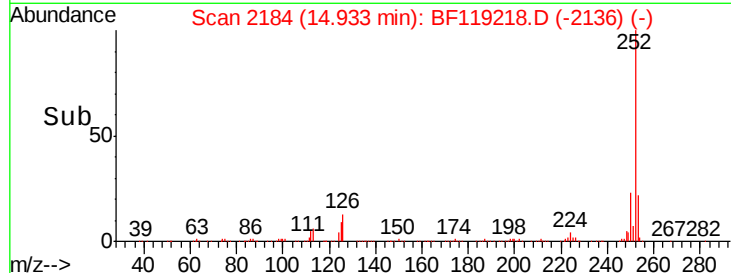
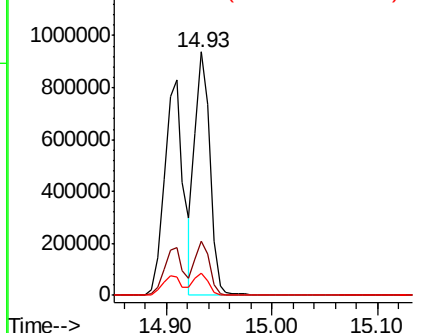
#89
Benzo(k)fluoranthene
Concen: 39.754 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 913028
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.1 7.5 11.3

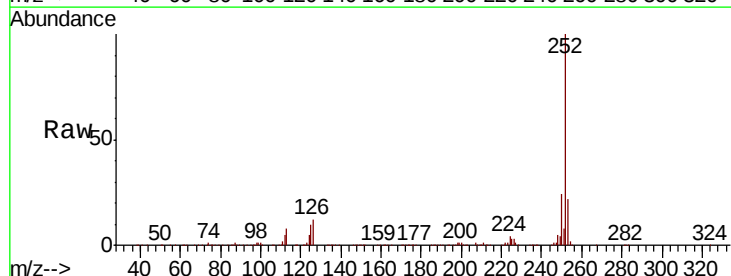


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

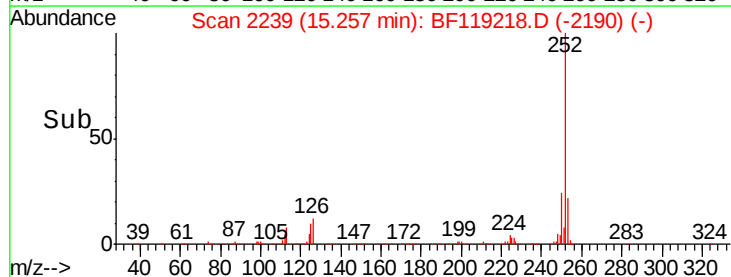
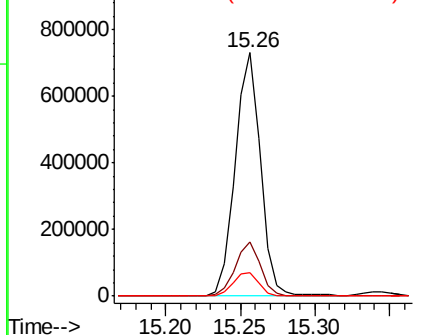


#90
Benzo(a)pyrene
Concen: 38.880 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119218.D
Acq: 5 Mar 2020 17:57

Tgt Ion:252 Resp: 869643
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.8 8.6 12.8



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





#91

Dibenzo(a,h)anthracene

Concen: 37.833 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

Instrument :

BNA_F

ClientSampleId :

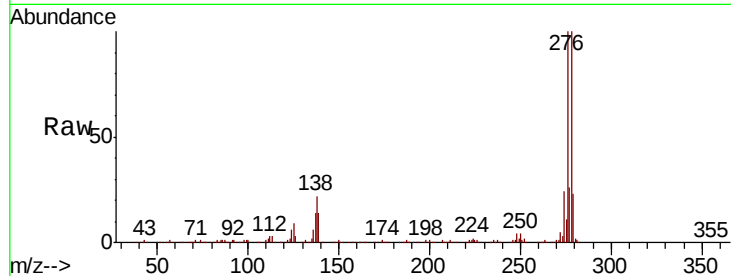
Tot Ion:278 Resp: 744577

Ion Ratio Lower Upper

278 100

139 13.8 11.0 16.4

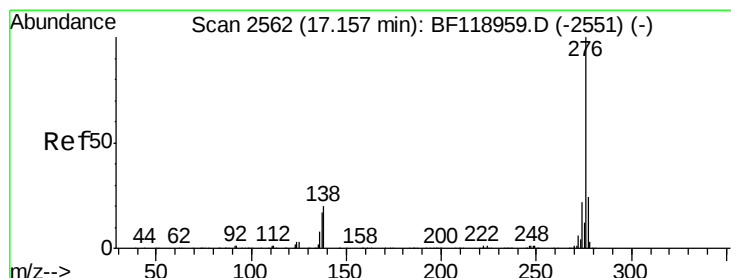
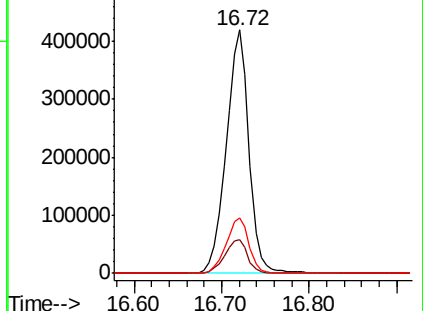
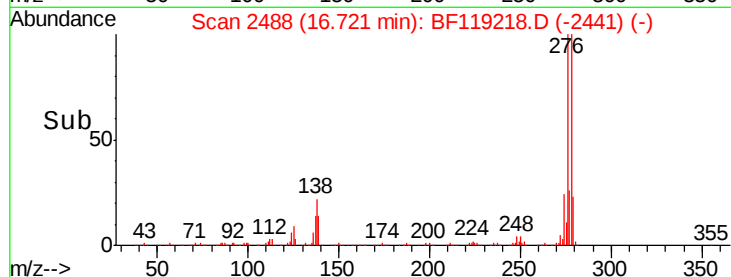
279 22.9 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.114 ng

RT: 17.14 min Scan# 2559

Delta R.T. -0.02 min

Lab File: BF119218.D

Acq: 5 Mar 2020 17:57

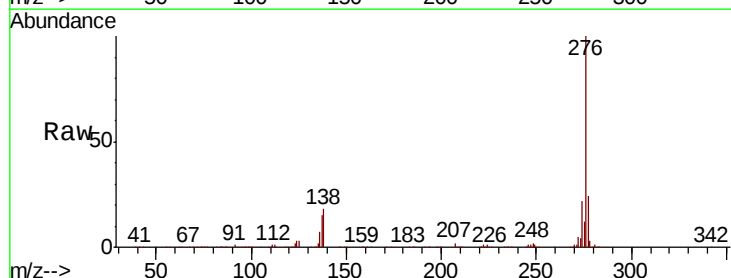
Tgt Ion:276 Resp: 702251

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 18.3 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

