

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119336.D
 Acq On : 11 Mar 2020 6:00
 Operator : CG/JU
 Sample : L1826-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 07:43:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	115426	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	423707	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	205826	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	307838	20.00	ng	0.00
76) Chrysene-d12	13.89	240	236100	20.00	ng	0.00
87) Perylene-d12	15.32	264	198832	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	840792	121.73	ng	0.02
7) Phenol-d6	6.39	99	901123	107.28	ng	0.01
23) Nitrobenzene-d5	7.30	82	704133	87.75	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	278784	103.54	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1303650	93.31	ng	0.00
79) Terphenyl-d14	12.83	244	1149749	83.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	99010	32.197	ng	# 86
4) n-Nitrosodimethylamine	3.22	42	102976	40.476	ng	95
6) Aniline	6.41	93	26849	2.590	ng	# 1
8) 2-Chlorophenol	6.53	128	348606	46.769	ng	98
9) Benzaldehyde	6.28	77	268822	47.900	ng	98
10) Phenol	6.40	94	338715	37.295	ng	# 74
11) bis(2-Chloroethyl)ether	6.46	93	318558	45.842	ng	98
12) 1,3-Dichlorobenzene	6.67	146	379211	42.446	ng	99
13) 1,4-Dichlorobenzene	6.75	146	389856	43.608	ng	98
14) 1,2-Dichlorobenzene	6.90	146	354690	43.503	ng	98
15) Benzyl Alcohol	6.89	79	267193	44.011	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	260238	43.232	ng	# 33
17) 2-Methylphenol	7.00	107	269207	44.547	ng	# 91
18) Hexachloroethane	7.23	117	119315	37.304	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	242208	49.484	ng	95
20) 3+4-Methylphenols	7.16	107	351492	47.475	ng	# 87
22) Acetophenone	7.14	105	480603	49.024	ng	95
24) Nitrobenzene	7.32	77	360487	45.426	ng	98
25) Isophorone	7.56	82	644500	46.245	ng	99
26) 2-Nitrophenol	7.63	139	170559	40.564	ng	97
27) 2,4-Dimethylphenol	7.68	122	267639	46.900	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	398071	43.882	ng	99
29) 2,4-Dichlorophenol	7.89	162	293181	43.641	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	328252	41.211	ng	100
31) Naphthalene	8.03	128	978462	44.528	ng	99
32) Benzoic acid	7.85	122	103800	28.140	ng	99
33) 4-Chloroaniline	8.10	127	38194	4.041	ng	99
34) Hexachlorobutadiene	8.15	225	204217	41.161	ng	98
35) Caprolactam	8.47	113	50826	24.571	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	297004	43.684	ng	99
37) 2-Methylnaphthalene	8.72	142	650851	44.012	ng	98
38) 1-Methylnaphthalene	8.82	142	607289	43.667	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	317962	45.819	ng	100
41) Hexachlorocyclopentadiene	8.87	237	5050	11.159	ng	96

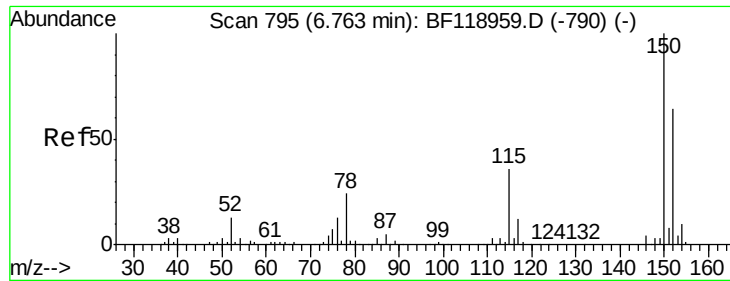
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.02	196	193482	44.151	nq	100
44) 2,4,5-Trichlorophenol	9.07	196	190712	41.472	nq	97
46) 1,1'-Biphenyl	9.19	154	773292	46.486	nq	98
47) 2-Chloronaphthalene	9.21	162	594716	44.364	nq	98
48) 2-Nitroaniline	9.32	65	175243	46.869	nq	94
49) Acenaphthylene	9.62	152	860646	44.452	nq	99
50) Dimethylphthalate	9.49	163	847484	53.846	nq	99
51) 2,6-Dinitrotoluene	9.56	165	144946	41.451	nq	# 84
52) Acenaphthene	9.79	154	516625	44.252	nq	99
53) 3-Nitroaniline	9.73	138	72325	18.657	nq	99
54) 2,4-Dinitrophenol	9.89	184	9194	12.380	nq	# 85
55) Dibenzofuran	9.97	168	747649	42.906	nq	98
56) 4-Nitrophenol	9.97	139	433161	185.975	nq	# 16
57) 2,4-Dinitrotoluene	9.97	165	166327	36.697	nq	89
58) Fluorene	10.31	166	588483	43.461	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	157855	40.681	nq	97
60) Diethylphthalate	10.18	149	706803	47.653	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	322510	44.998	nq	96
62) 4-Nitroaniline	10.35	138	124852	31.479	nq	96
63) Azobenzene	10.46	77	571583	44.335	nq	94
65) 4,6-Dinitro-2-methylphenol	10.40	198	9832	5.278	nq	86
66) n-Nitrosodiphenylamine	10.42	169	530190	52.600	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	194521	48.342	nq	95
68) Hexachlorobenzene	10.86	284	209412	45.139	nq	97
69) Atrazine	10.95	200	169503	48.130	nq	99
70) Pentachlorophenol	11.07	266	136219	72.891	nq	97
71) Phenanthrene	11.27	178	759255	45.226	nq	98
72) Anthracene	11.32	178	783804	46.727	nq	98
73) Carbazole	11.48	167	667077	44.640	nq	99
74) Di-n-butylphthalate	11.80	149	991680	54.799	nq	98
75) Fluoranthene	12.46	202	780629	43.806	nq	98
77) Benzidine	12.59	184	22719	2.366	nq	97
78) Pyrene	12.69	202	798342	42.110	nq	98
80) Butylbenzylphthalate	13.30	149	357230	44.771	nq	98
81) Benzo(a)anthracene	13.88	228	767416	47.704	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	223831	35.832	nq	# 99
83) Chrysene	13.92	228	721790	45.029	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	524884	52.069	nq	98
85) Di-n-octyl phthalate	14.46	149	878520	54.698	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	532379	34.301	nq	99
88) Benzo(b)fluoranthene	14.91	252	677471	51.692	nq	100
89) Benzo(k)fluoranthene	14.94	252	572117	47.105	nq	99
90) Benzo(a)pyrene	15.26	252	521281	44.070	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	457730	43.980	nq	99
92) Benzo(g,h,i)perylene	17.16	276	434122	42.216	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampled :

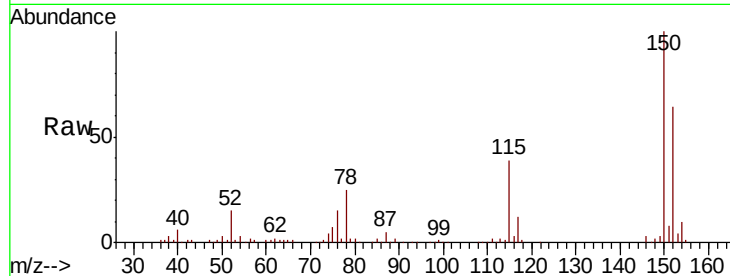
Tot Ion:152 Resp: 115426

Ion Ratio Lower Upper

152 100

150 157.4 123.0 184.6

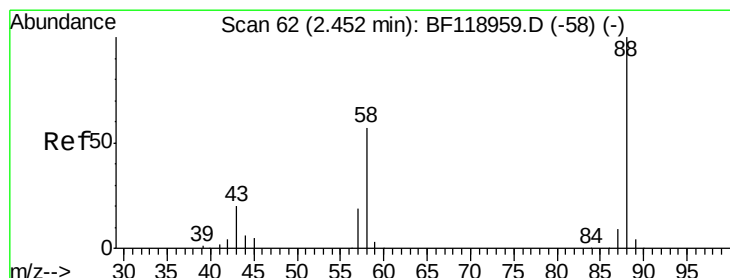
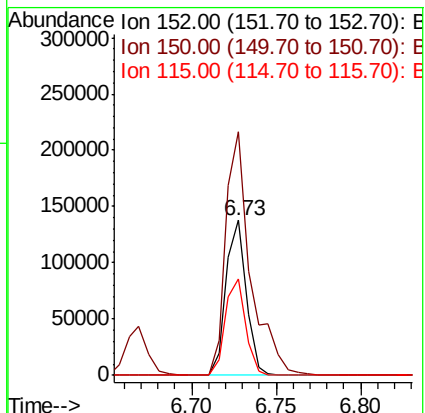
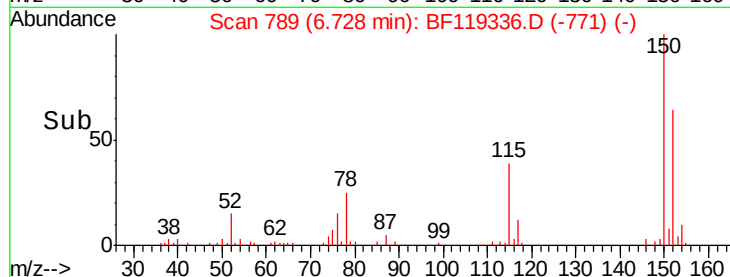
115 61.9 49.5 74.3



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



#2

1,4-Dioxane

Concen: 32.197 ng

RT: 2.60 min Scan# 87

Delta R.T. 0.22 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

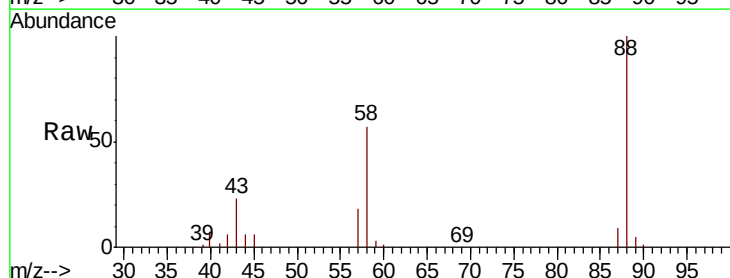
Tgt Ion: 88 Resp: 99010

Ion Ratio Lower Upper

88 100

58 57.2 43.8 65.6

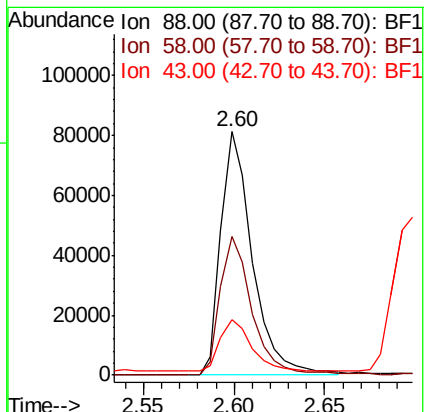
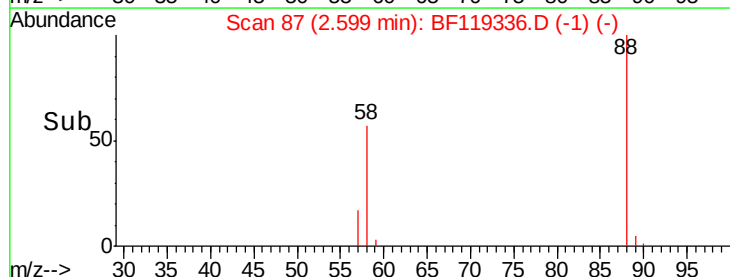
43 0.0 16.2 24.4#

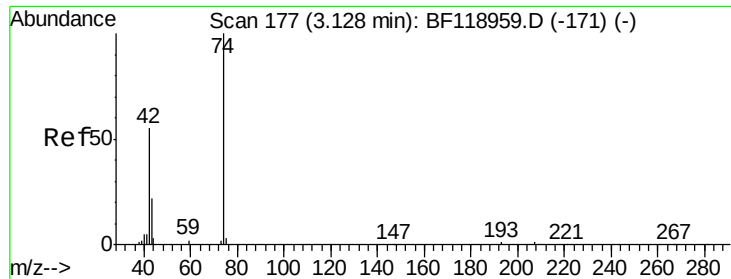


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



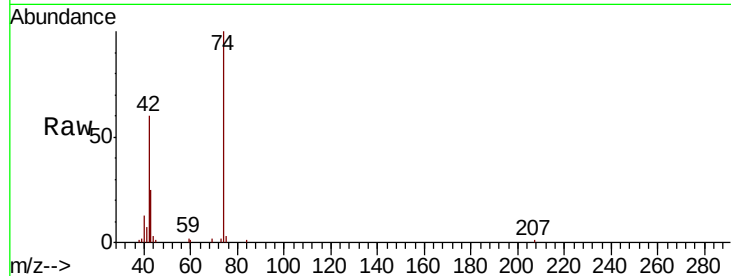


#4

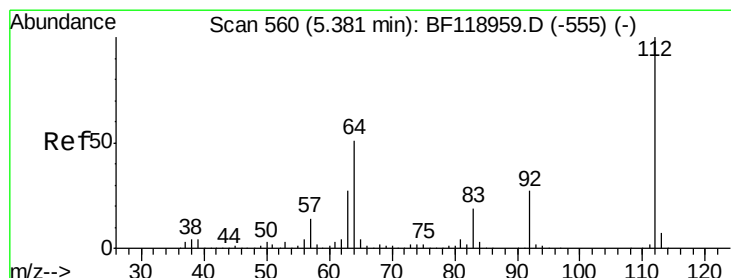
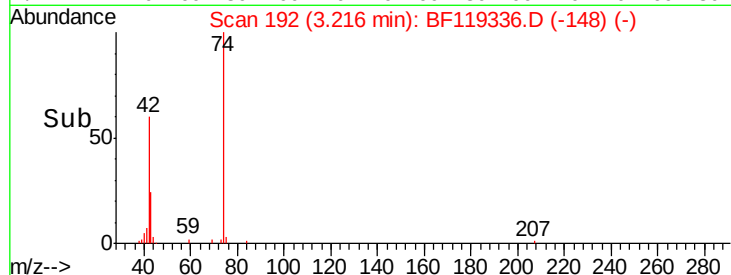
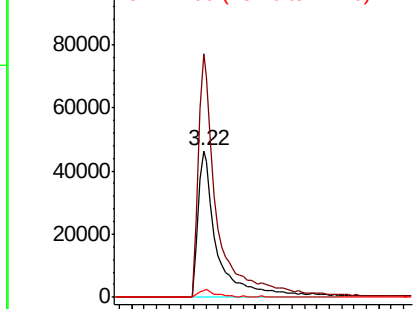
n-Nitrosodimethylamine
Concen: 40.476 ng
RT: 3.22 min Scan# 192
Delta R.T. 0.16 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampled :

Tot Ion: 42 Resp: 102976
Ion Ratio Lower Upper
42 100
74 165.7 137.7 206.5
44 4.9 4.5 6.7



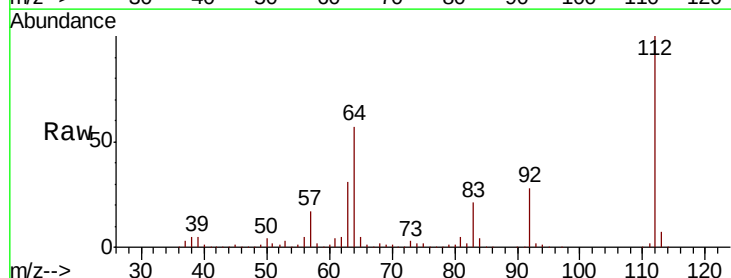
Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1



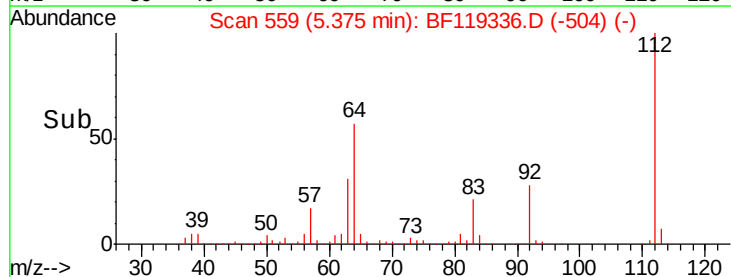
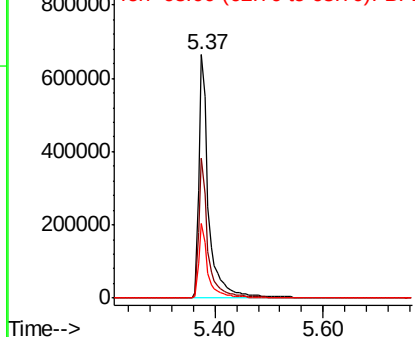
#5

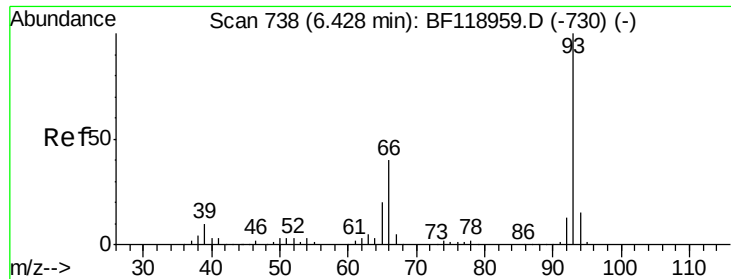
2-Fluorophenol
Concen: 121.733 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion: 112 Resp: 840792
Ion Ratio Lower Upper
112 100
64 57.3 45.0 67.4
63 30.7 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 2.590 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

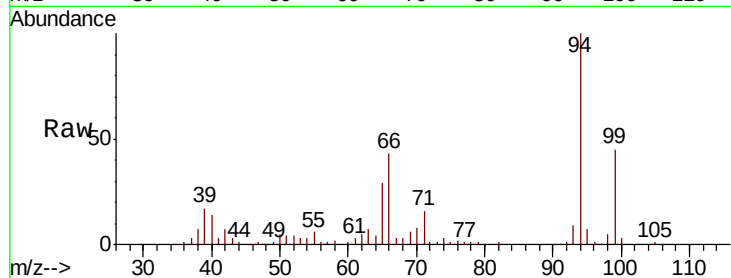
Tot Ion: 93 Resp: 26849

Ion Ratio Lower Upper

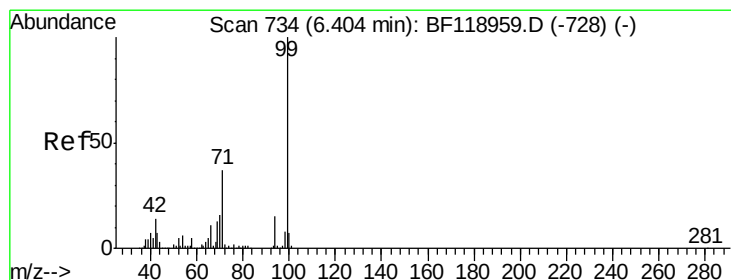
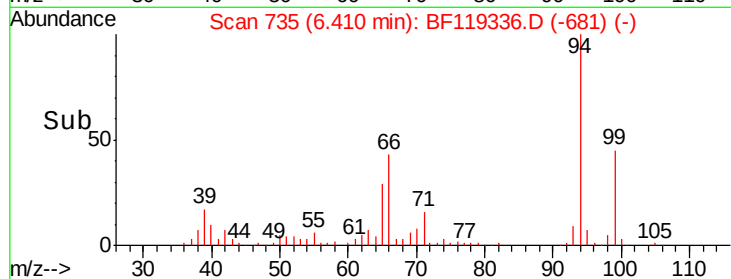
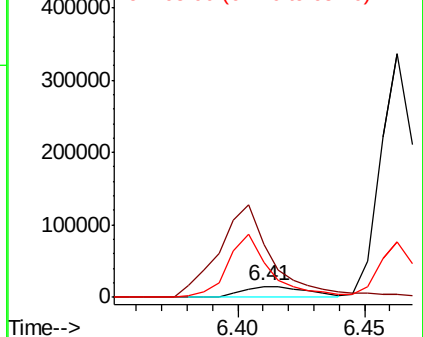
93 100

66 471.6 74.5 111.7#

65 311.0 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: 107.276 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

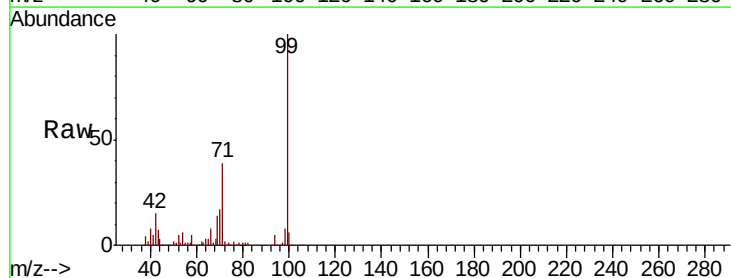
Tgt Ion: 99 Resp: 901123

Ion Ratio Lower Upper

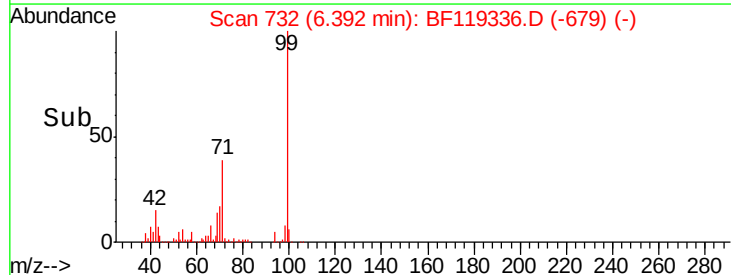
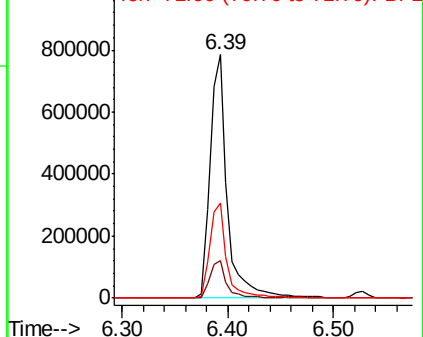
99 100

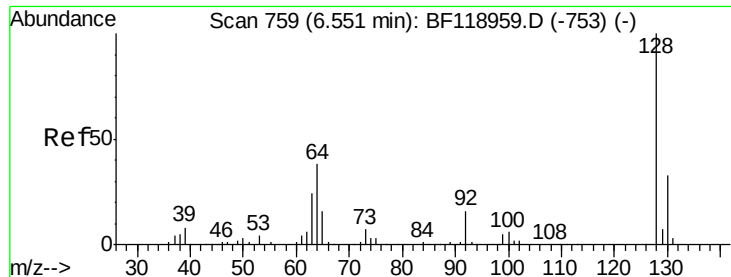
42 15.4 12.6 18.8

71 38.9 31.0 46.4



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

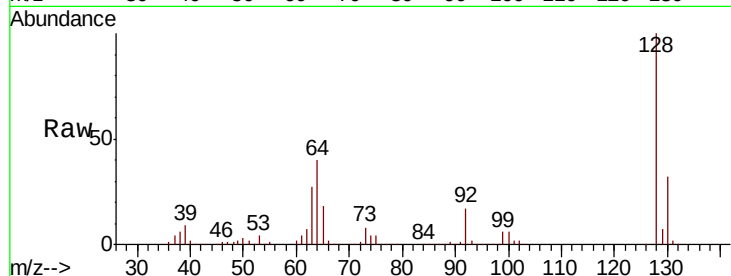




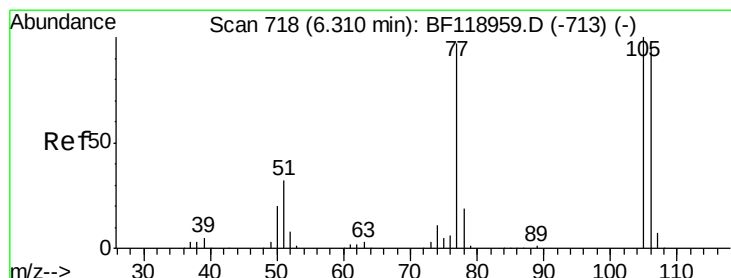
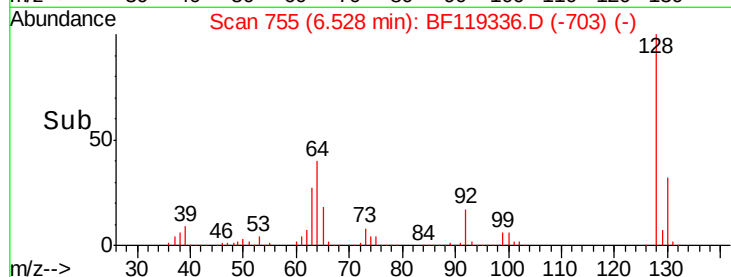
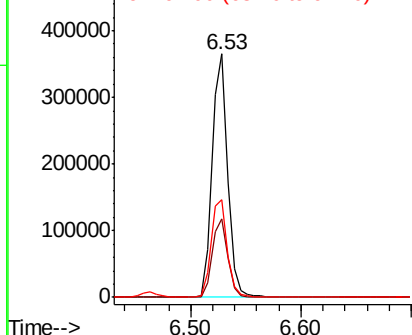
#8
2-Chlorophenol
Concen: 46.769 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	40.0	22.3	62.3

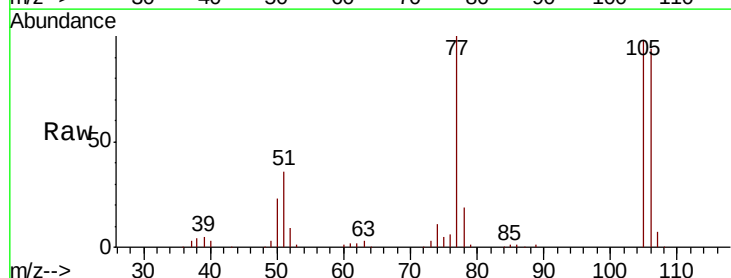


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

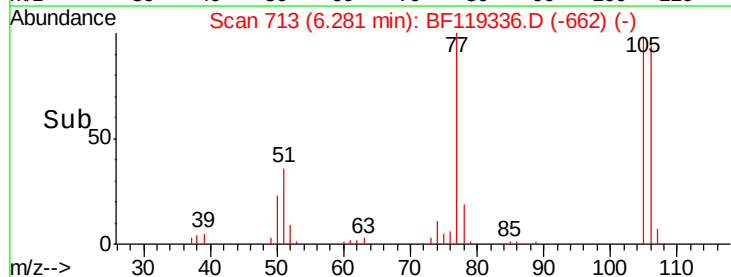
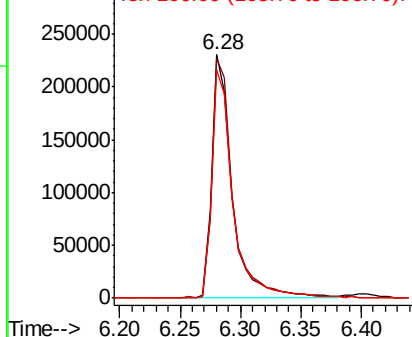


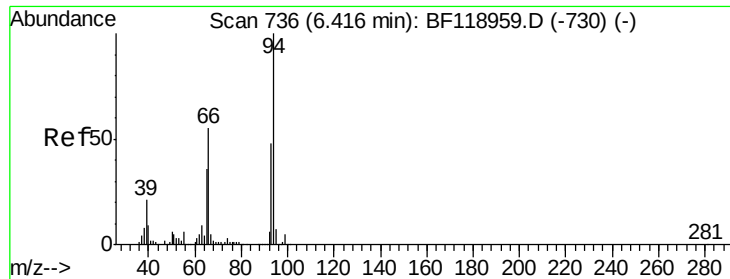
#9
Benzaldehyde
Concen: 47.900 ng
RT: 6.28 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
77	100		
105	98.3	80.1	120.1
106	93.7	75.9	115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 37.295 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

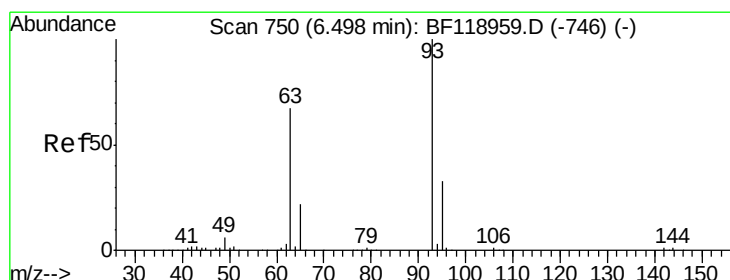
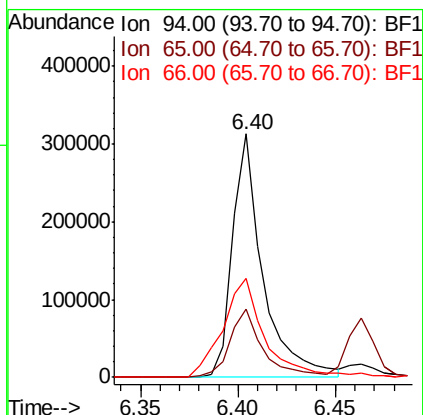
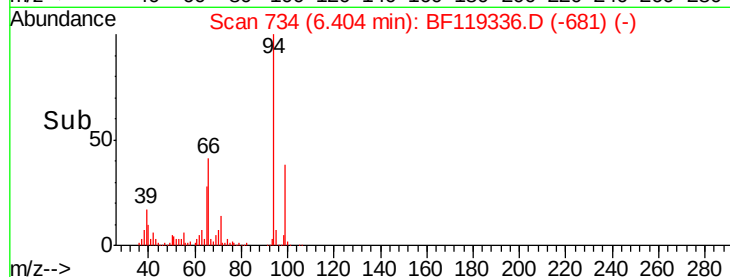
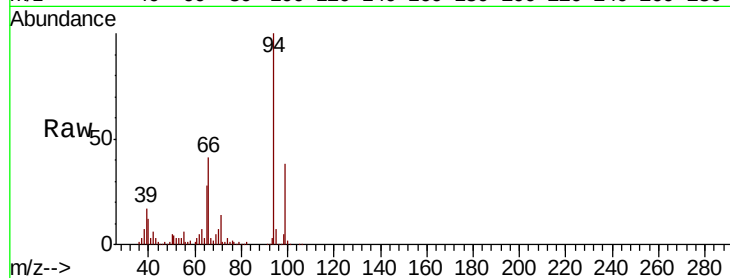
Tot Ion: 94 Resp: 338715

Ion Ratio Lower Upper

94 100

65 27.9 19.2 59.2

66 40.9 44.4 84.4#



#11

bis(2-Chloroethyl)ether

Concen: 45.842 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

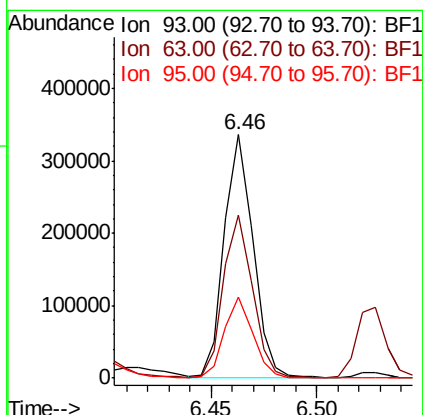
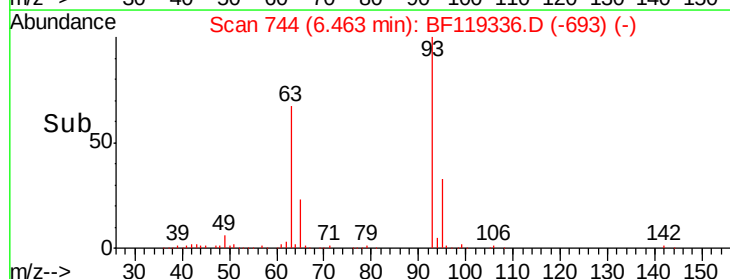
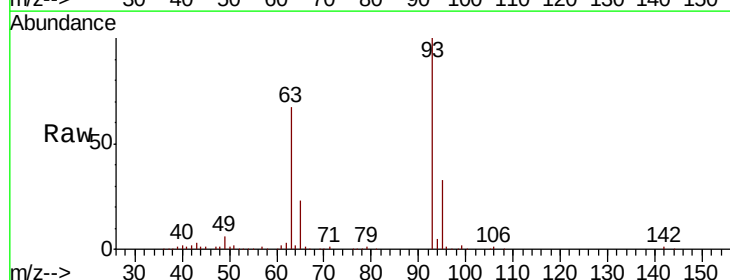
Tgt Ion: 93 Resp: 318558

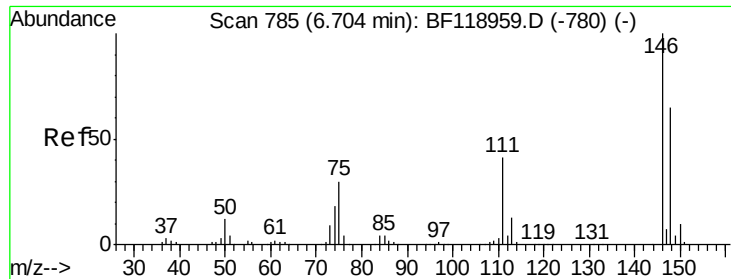
Ion Ratio Lower Upper

93 100

63 67.2 45.4 85.4

95 33.2 13.5 53.5

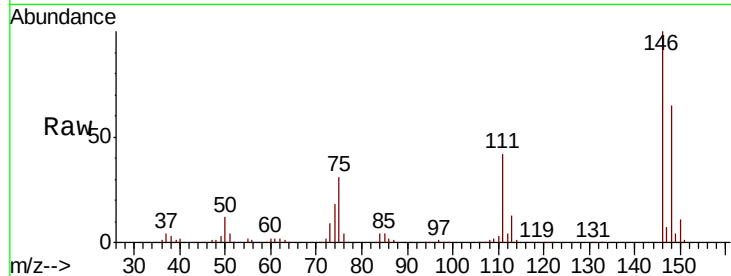




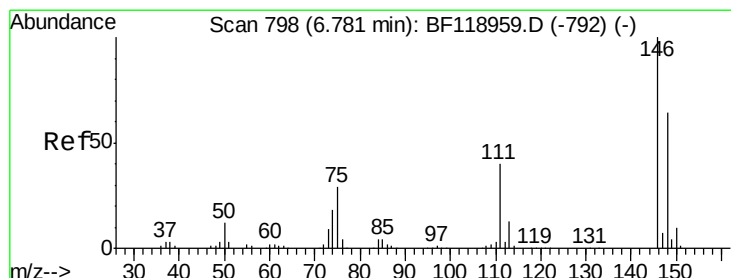
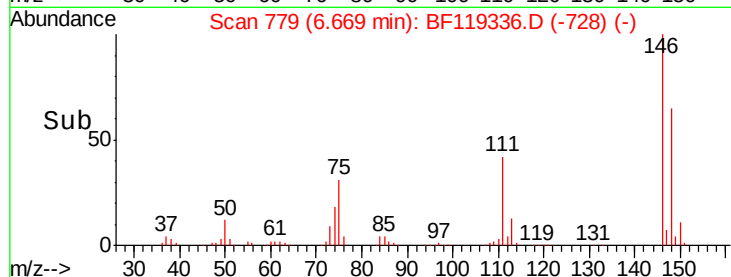
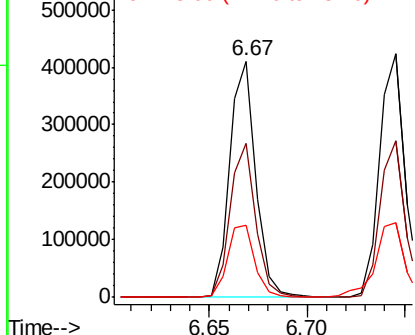
#12
 1,3-Dichlorobenzene
 Concen: 42.446 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 379211
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.5 78.7
 75 30.5 23.6 35.4

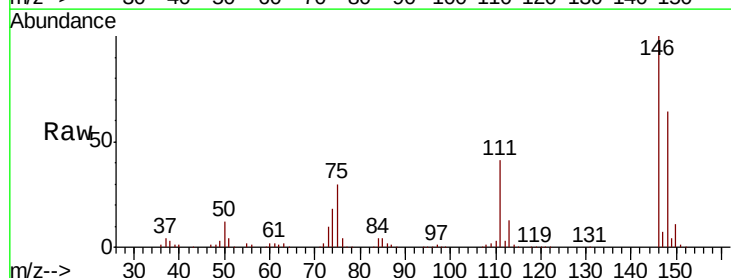


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

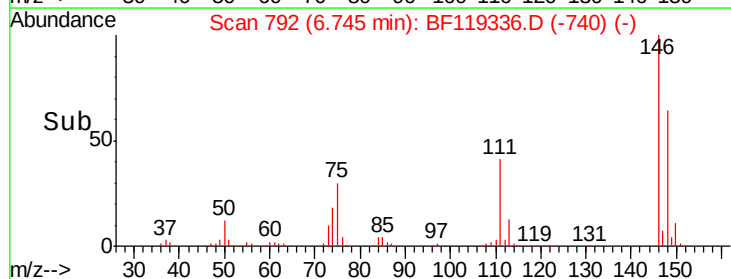
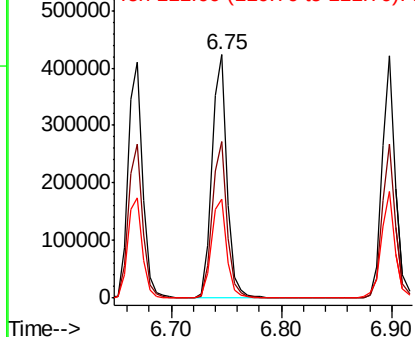


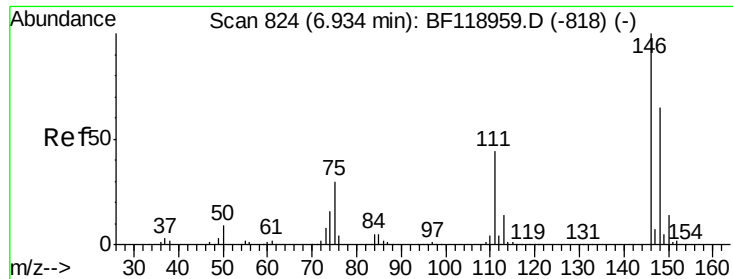
#13
 1,4-Dichlorobenzene
 Concen: 43.608 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion:146 Resp: 389856
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 40.8 34.8 52.2



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

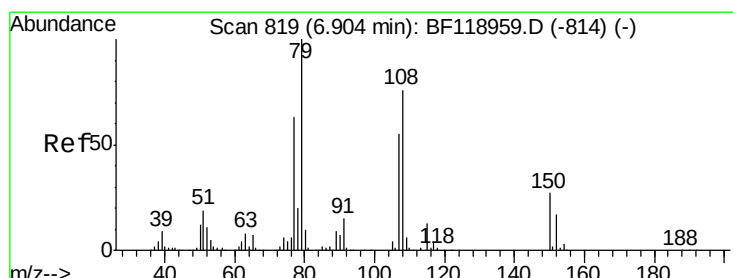
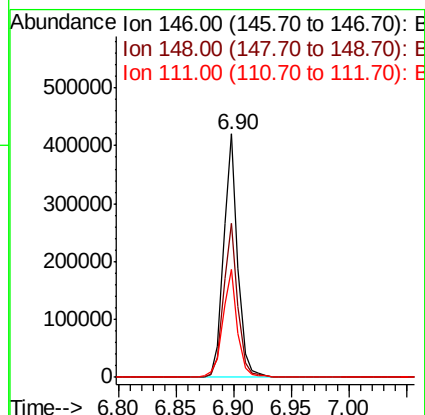
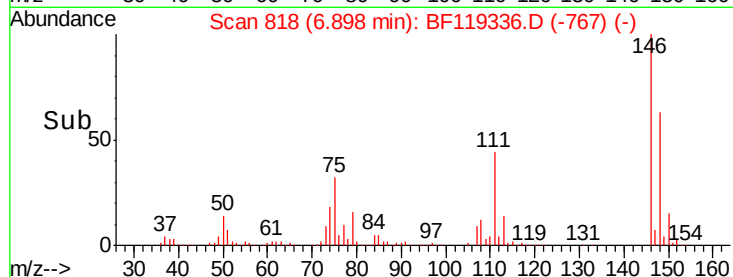
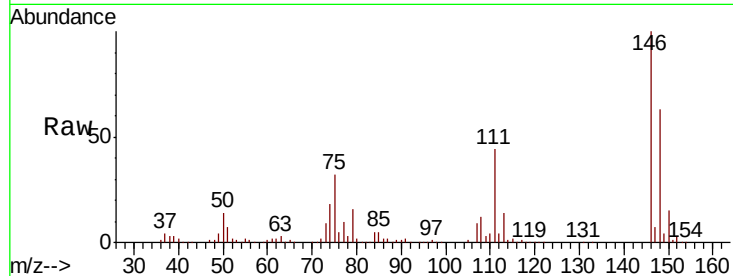




#14
1,2-Dichlorobenzene
Concen: 43.503 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

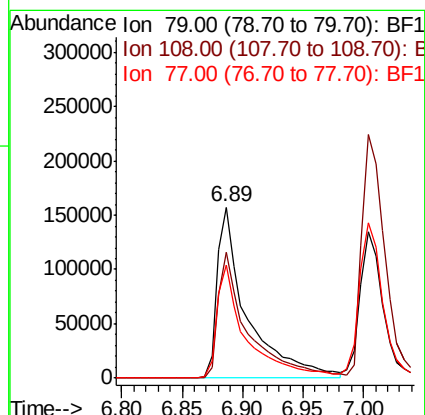
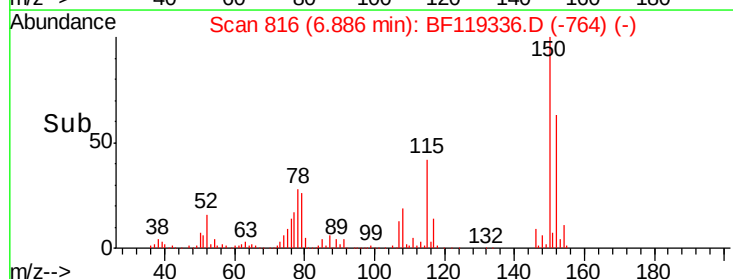
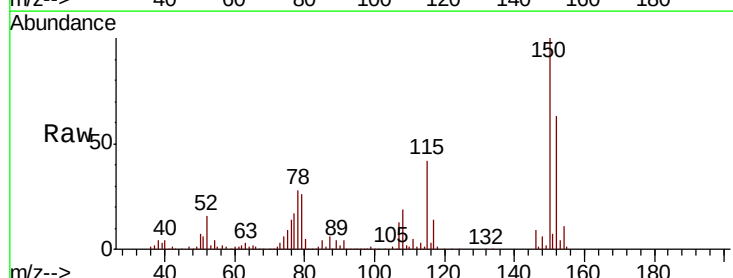
Instrument :
BNA_F
ClientSampleId :

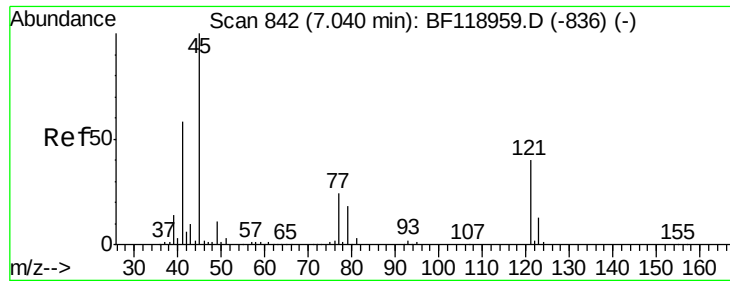
Tot Ion:146 Resp: 354690
Ion Ratio Lower Upper
146 100
148 63.4 51.9 77.9
111 44.1 36.2 54.2



#15
Benzyl Alcohol
Concen: 44.011 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion: 79 Resp: 267193
Ion Ratio Lower Upper
79 100
108 74.0 58.2 87.2
77 66.3 51.2 76.8

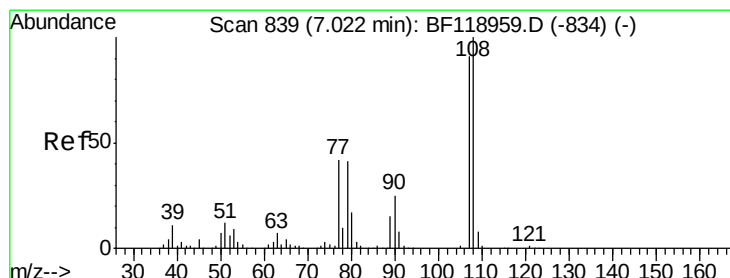
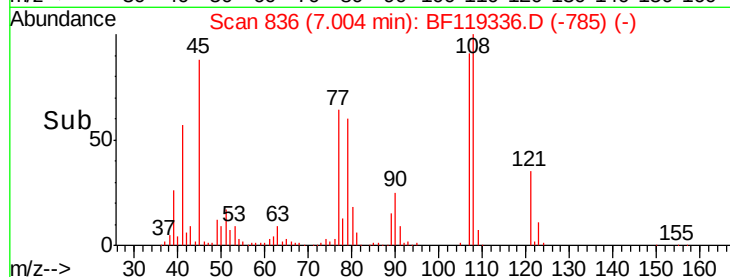
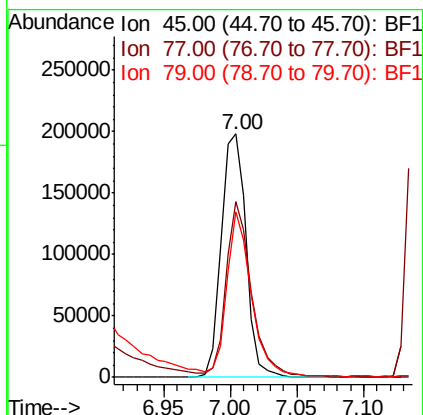
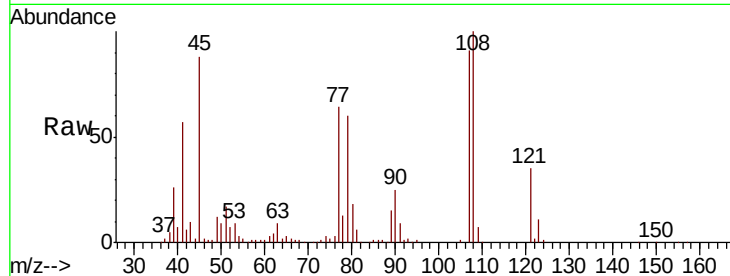




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 43.232 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

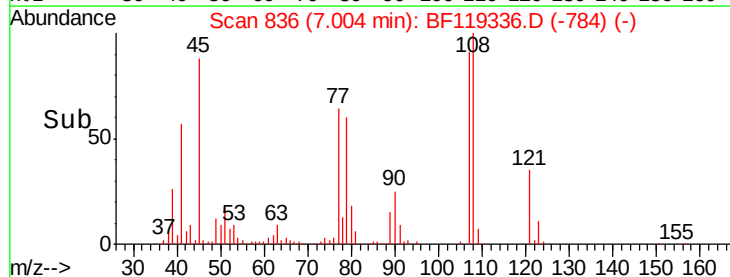
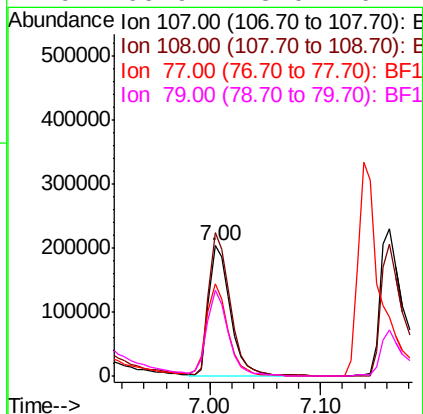
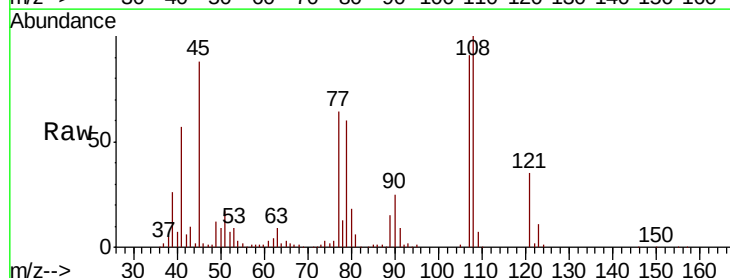
Instrument :
BNA_F
ClientSampleId :

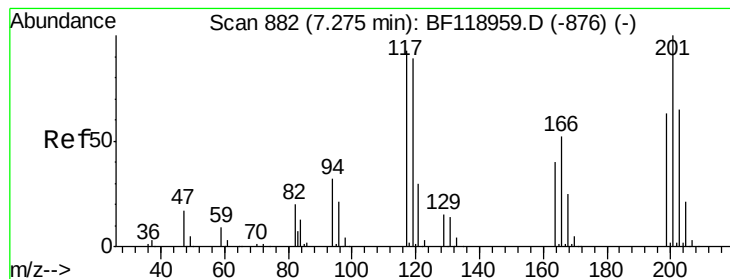
Tot Ion: 45 Resp: 260238
Ion Ratio Lower Upper
45 100
77 72.2 15.0 55.0#
79 67.8 9.4 49.4#



#17
2-Methylphenol
Concen: 44.547 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion: 107 Resp: 269207
Ion Ratio Lower Upper
107 100
108 109.9 87.9 131.9
77 70.2 45.3 67.9#
79 65.9 43.0 64.4#





#18

Hexachloroethane

Concen: 37.304 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

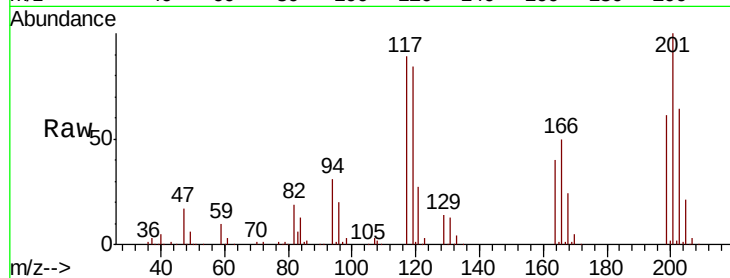
Tot Ion:117 Resp: 119315

Ion Ratio Lower Upper

117 100

119 95.2 77.5 116.3

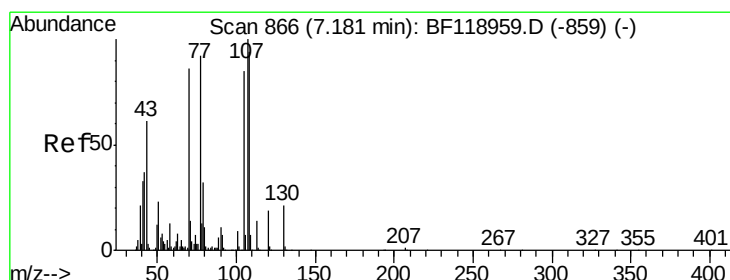
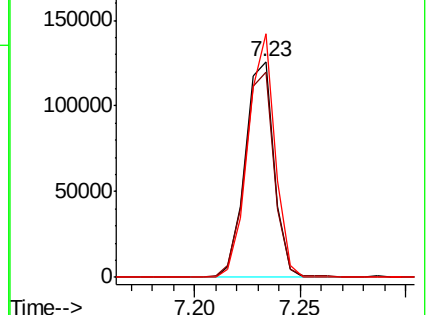
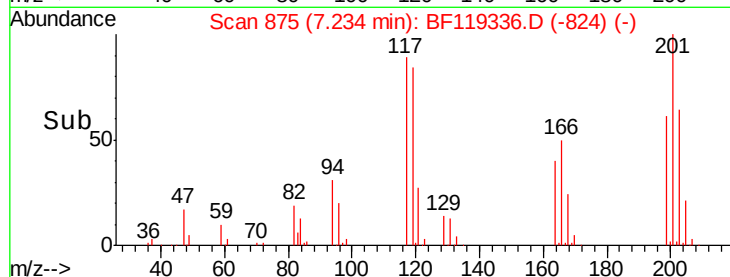
201 112.9 82.6 123.8



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: 49.484 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Tgt Ion: 70 Resp: 242208

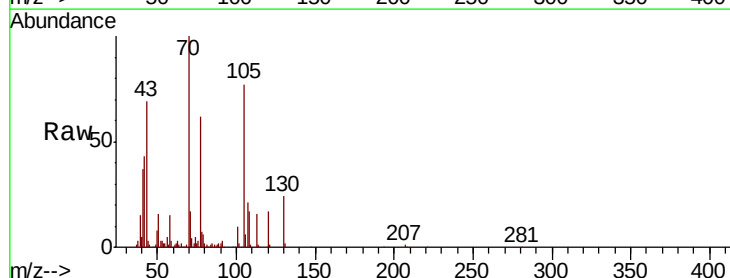
Ion Ratio Lower Upper

70 100

42 42.5 38.0 57.0

101 10.4 8.2 12.4

130 24.4 18.2 27.4

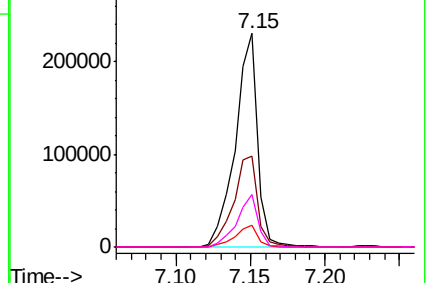
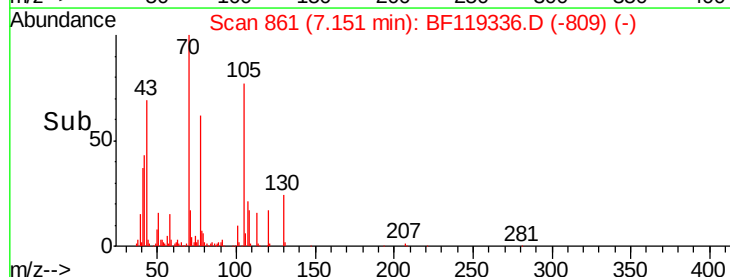


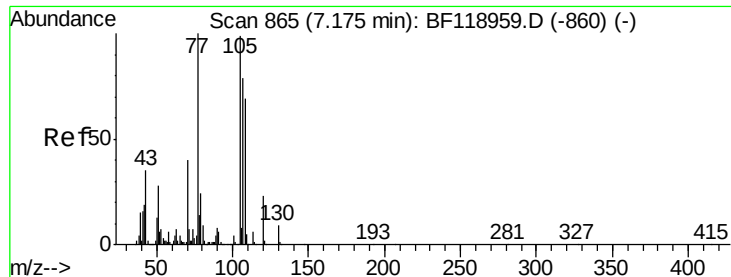
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

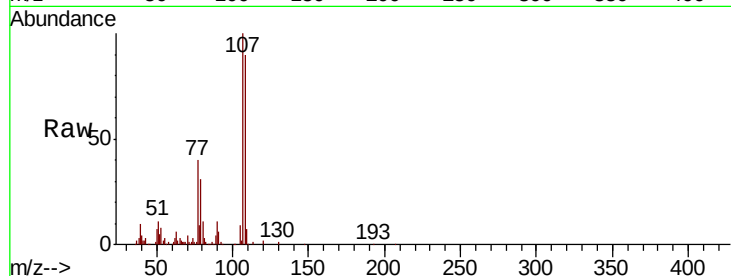




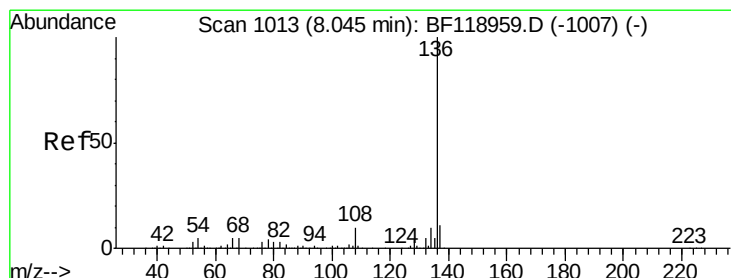
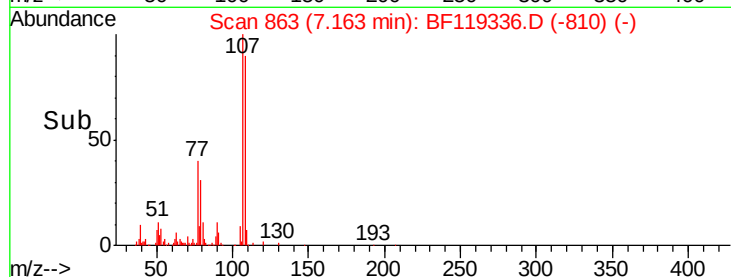
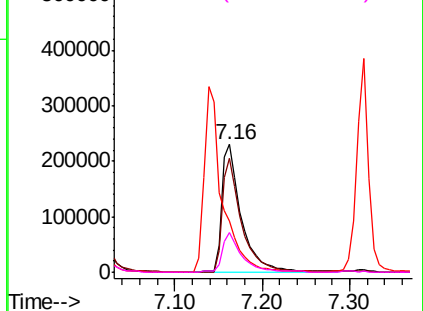
#20
3+4-Methylphenols
Concen: 47.475 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	351492
Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.5	111.5
77	40.1	45.9	85.9#
79	31.1	13.8	53.8

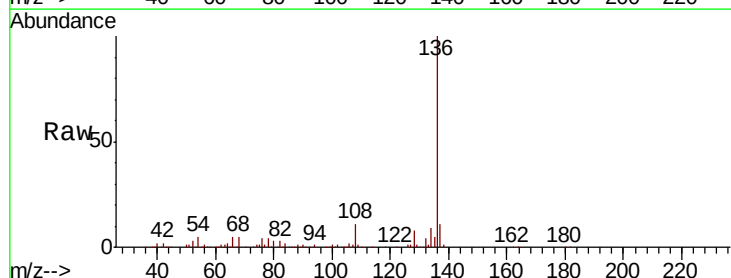


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

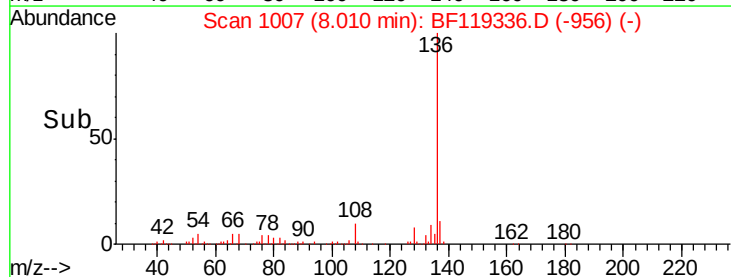
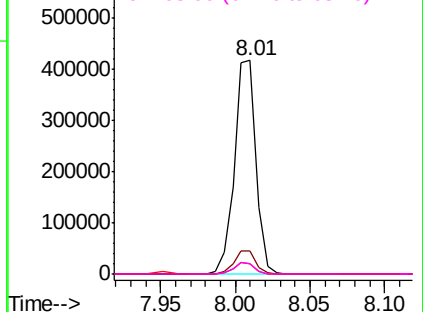


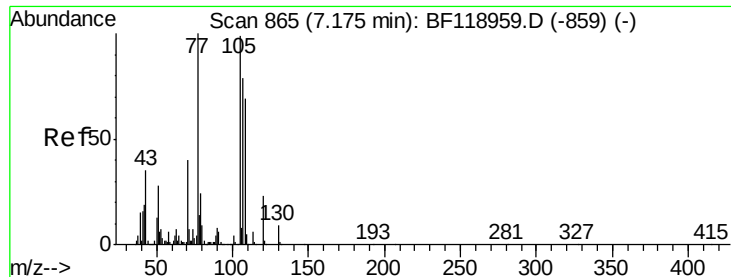
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion:	136	Resp:	423707
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	4.6	3.8	5.6
68	4.7	3.9	5.9



Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

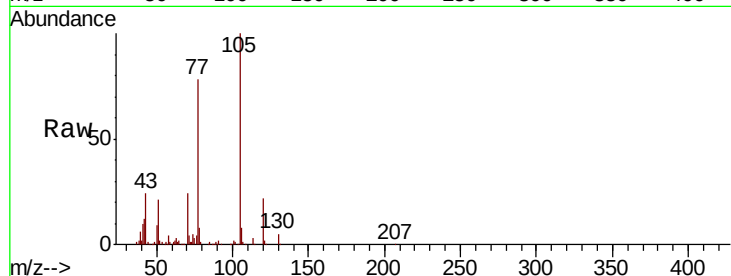




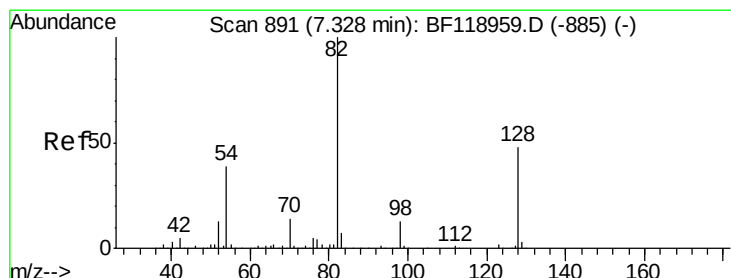
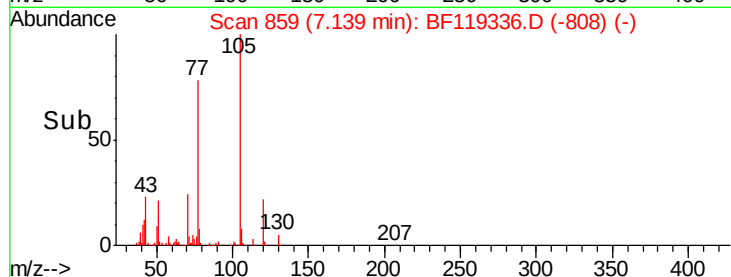
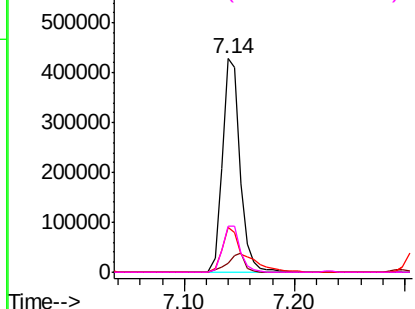
#22
Acetophenone
Concen: 49.024 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 480603
Ion Ratio Lower Upper
105 100
71 3.9 3.0 4.4
51 20.7 20.1 30.1
120 21.5 18.0 27.0

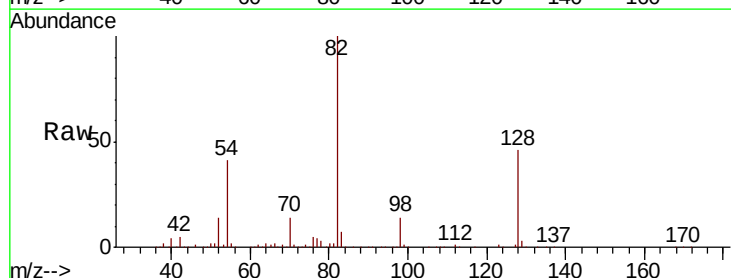


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

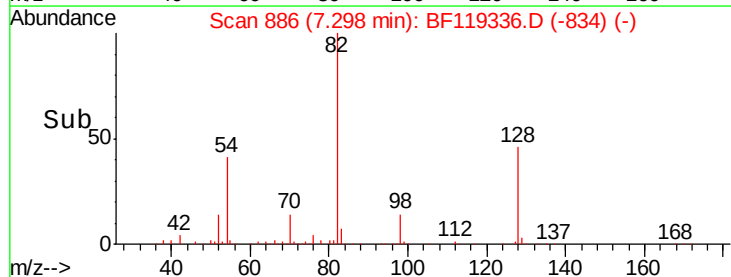
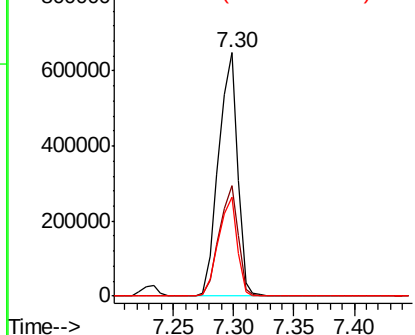


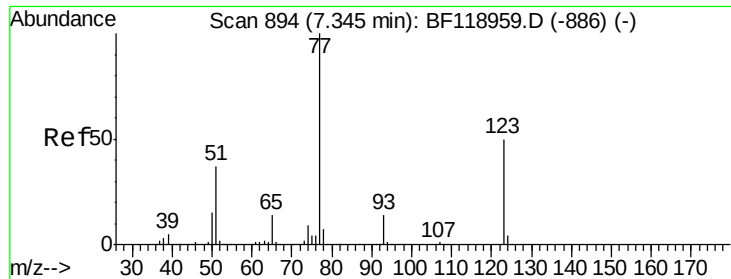
#23
Nitrobenzene-d5
Concen: 87.745 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion: 82 Resp: 704133
Ion Ratio Lower Upper
82 100
128 45.6 37.9 56.9
54 40.7 33.4 50.2



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

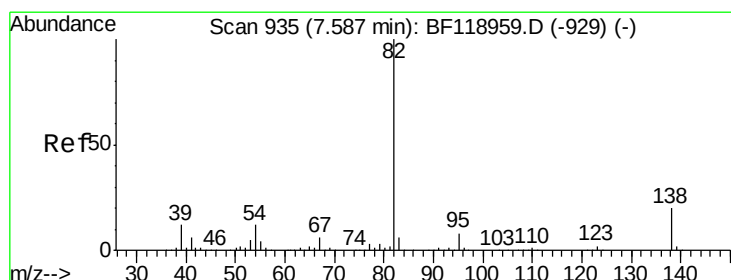
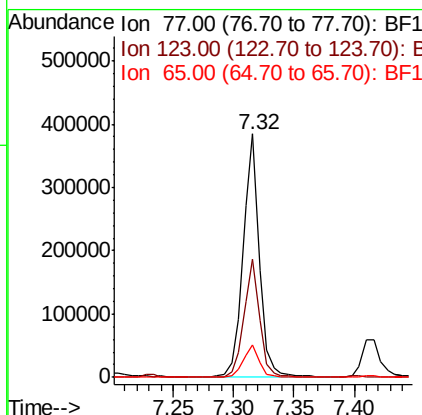
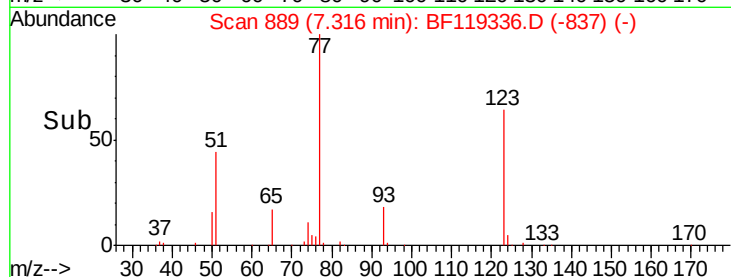
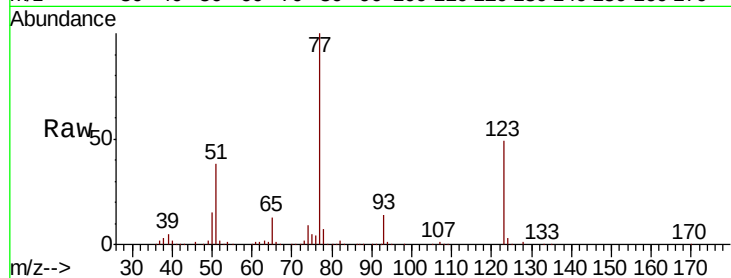




#24
 Nitrobenzene
 Concen: 45.426 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

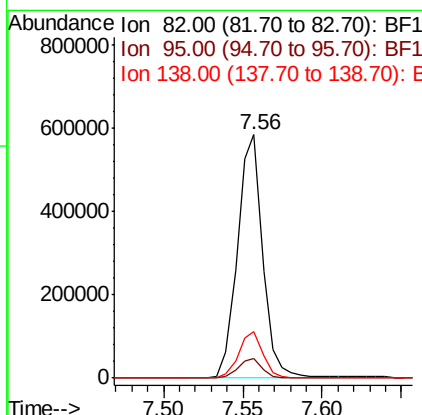
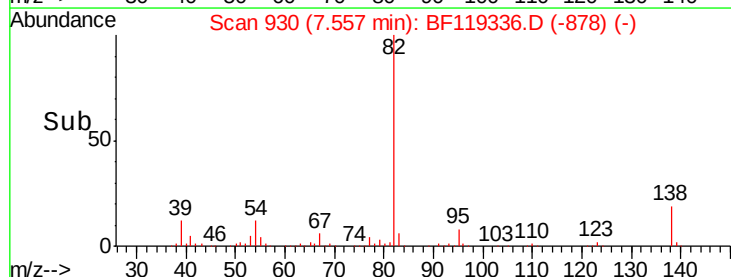
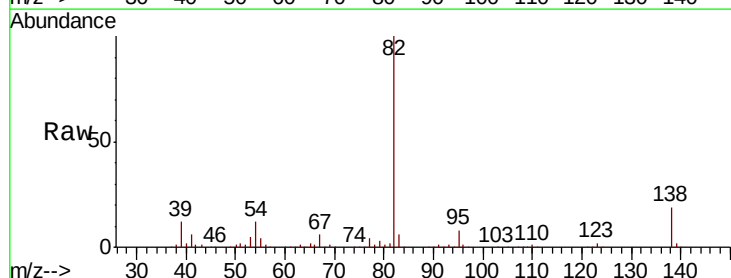
Instrument :
 BNA_F
 ClientSampleId :

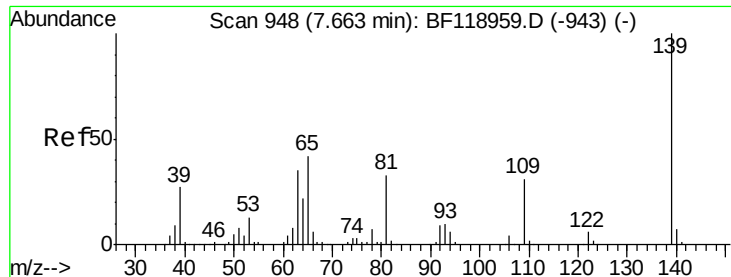
Tot Ion	Ratio	Lower	Upper
77	100		
123	48.7	40.2	60.2
65	13.5	10.8	16.2



#25
 Isophorone
 Concen: 46.245 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.4	9.6
138	19.3	15.7	23.5

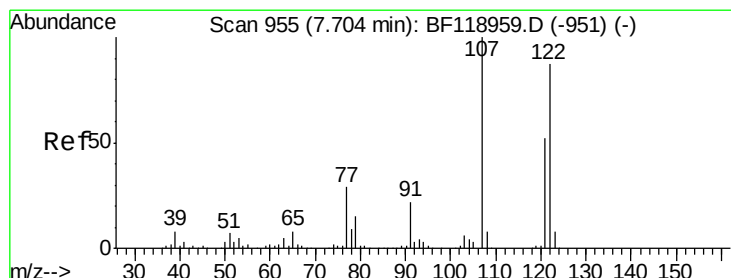
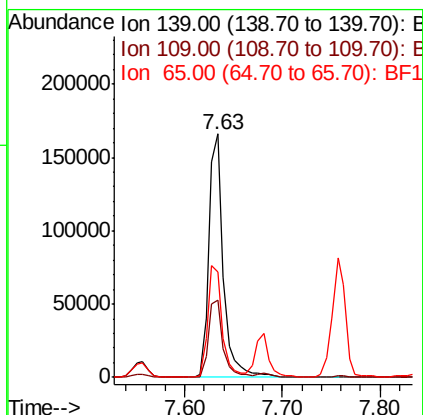
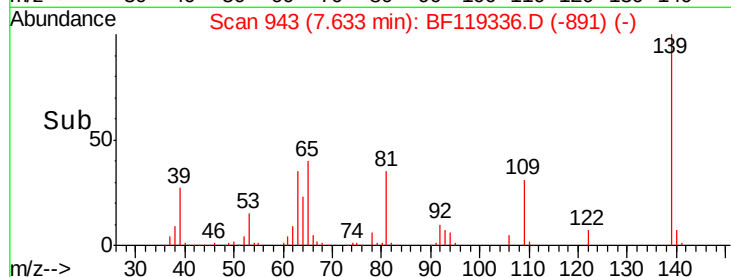
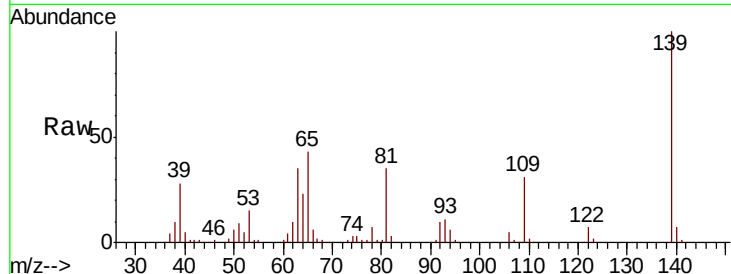




#26
2-Nitrophenol
Concen: 40.564 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

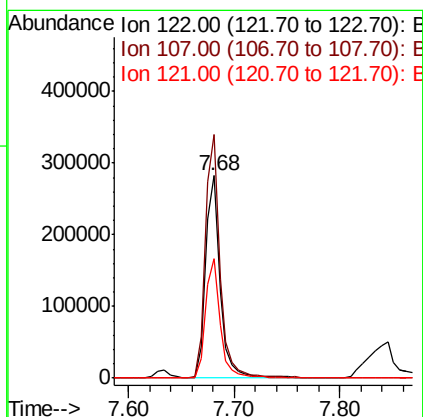
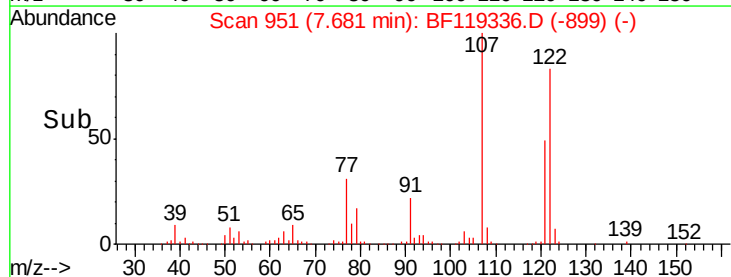
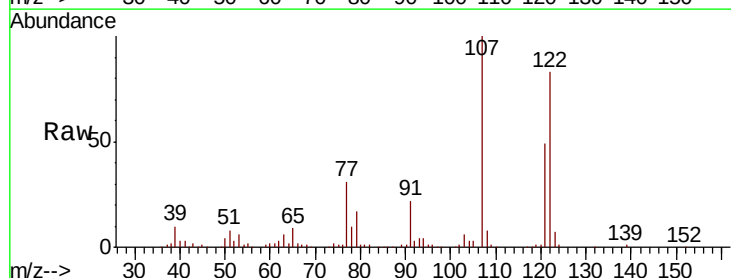
Instrument :
BNA_F
ClientSampleId :

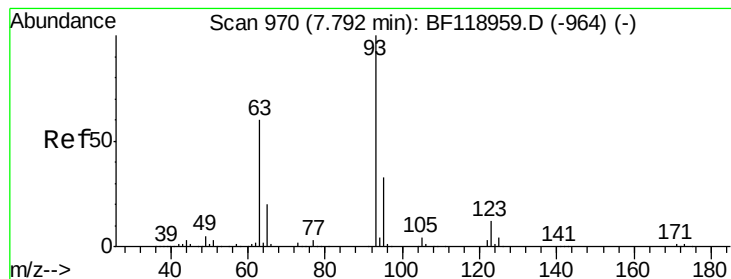
Tot Ion:139 Resp: 170559
Ion Ratio Lower Upper
139 100
109 31.5 25.7 38.5
65 43.4 37.1 55.7



#27
2,4-Dimethylphenol
Concen: 46.900 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion:122 Resp: 267639
Ion Ratio Lower Upper
122 100
107 120.2 93.8 140.6
121 58.9 48.2 72.2





#28

bis(2-Chloroethoxy)methane

Concen: 43.882 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampled :

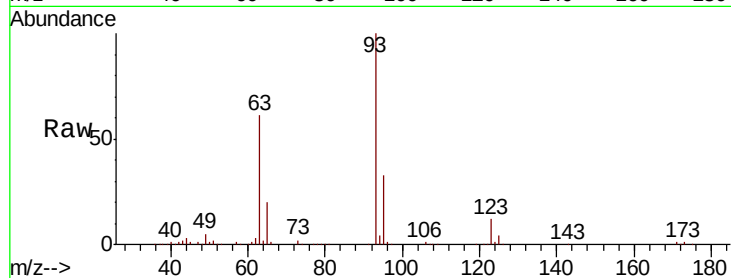
Tot Ion: 93 Resp: 398071

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

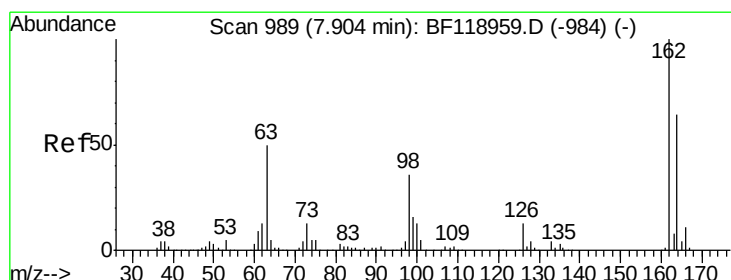
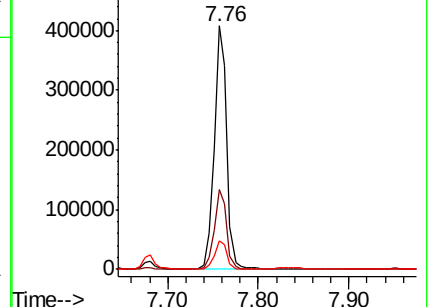
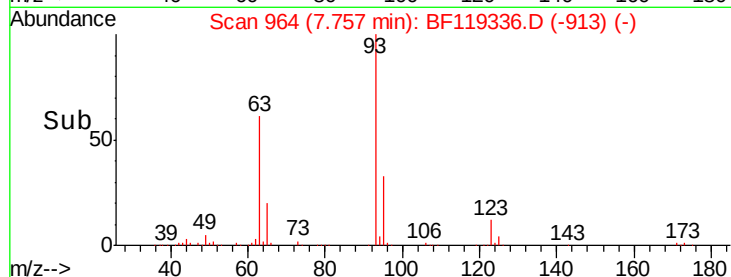
123 11.8 10.2 15.2



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): BF1



#29

2,4-Dichlorophenol

Concen: 43.641 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

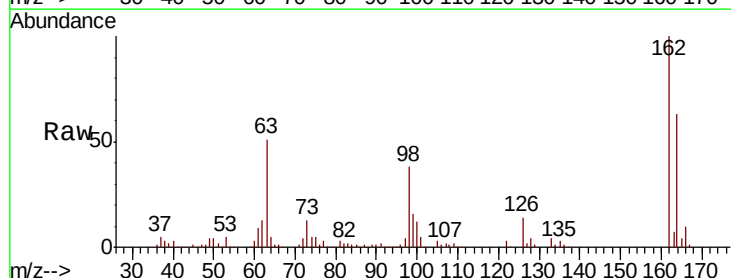
Tgt Ion: 162 Resp: 293181

Ion Ratio Lower Upper

162 100

164 63.2 45.2 85.2

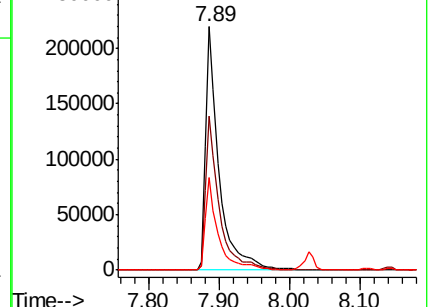
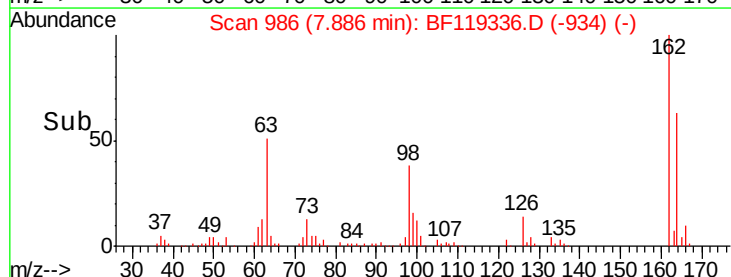
98 38.0 17.4 57.4

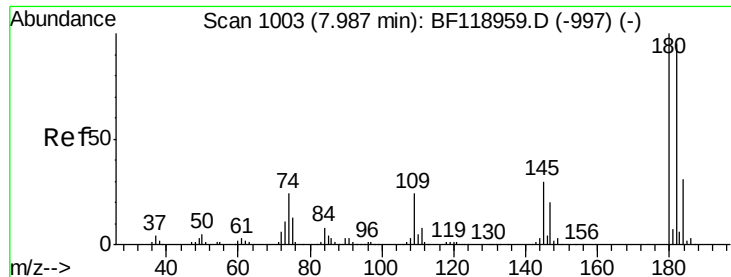


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

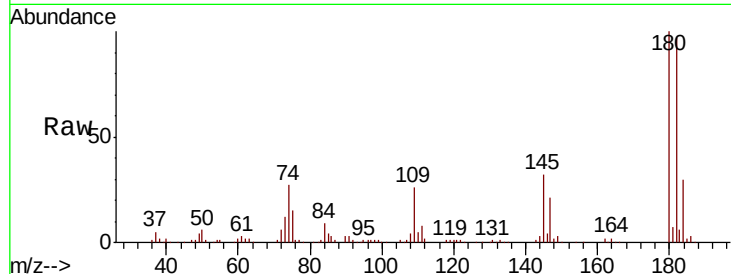




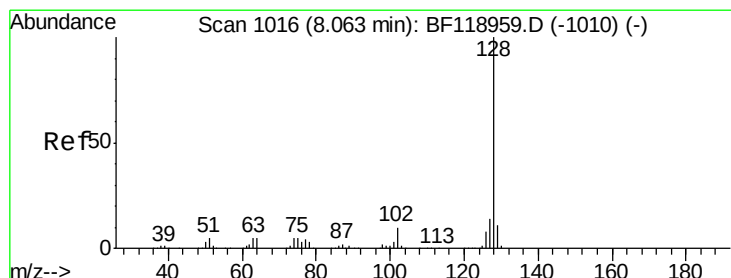
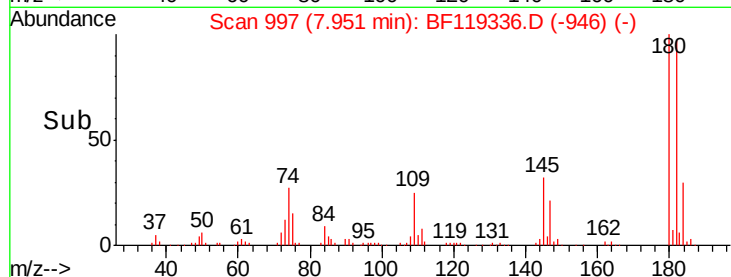
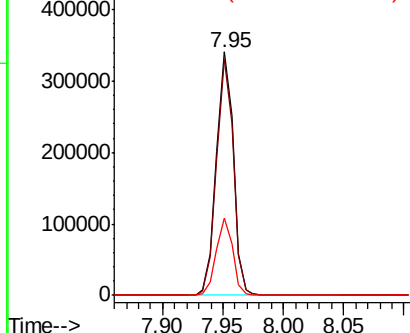
#30
1,2,4-Trichlorobenzene
Concen: 41.211 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 328252
Ion Ratio Lower Upper
180 100
182 96.7 77.8 116.6
145 31.6 25.2 37.8

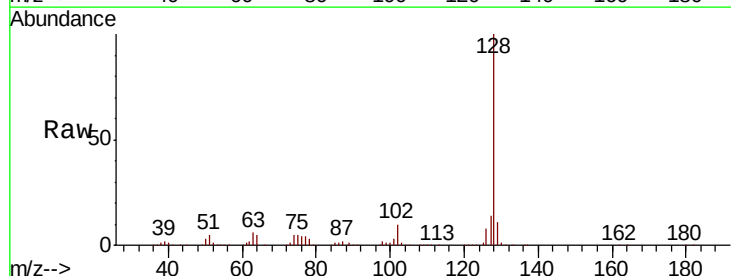


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

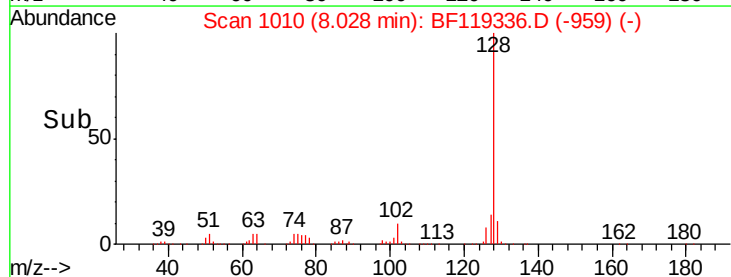
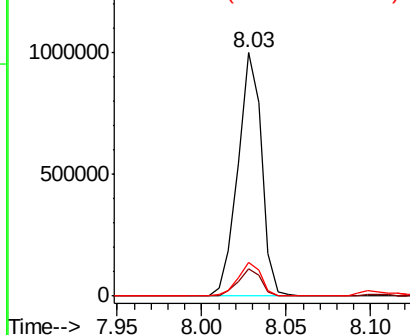


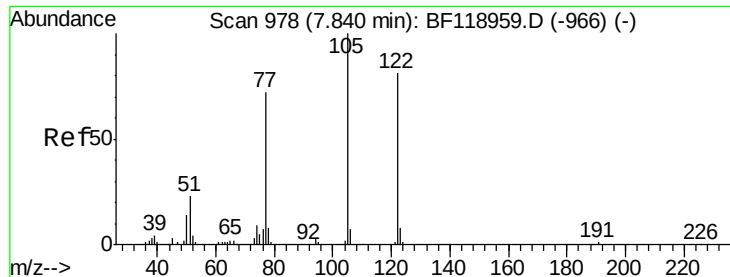
#31
Naphthalene
Concen: 44.528 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion:128 Resp: 978462
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 14.0 11.4 17.2



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





#32

Benzoic acid

Concen: 28.140 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

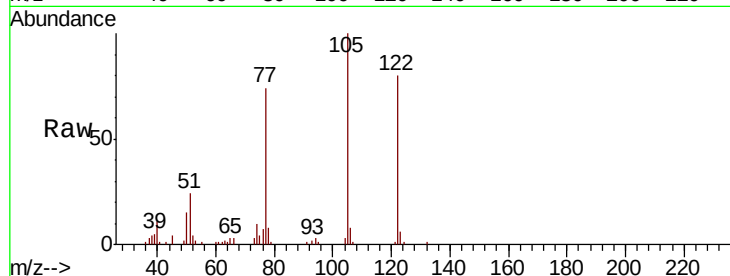
Tot Ion:122 Resp: 103800

Ion Ratio Lower Upper

122 100

105 125.2 106.3 146.3

77 92.6 73.1 113.1

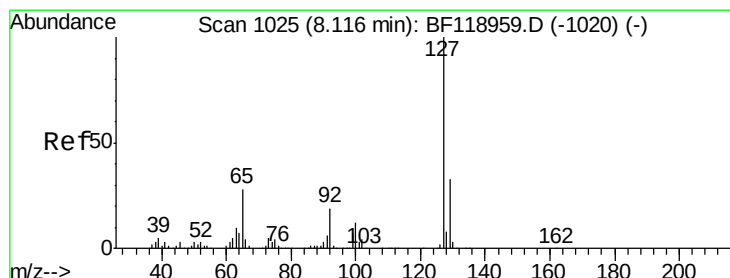
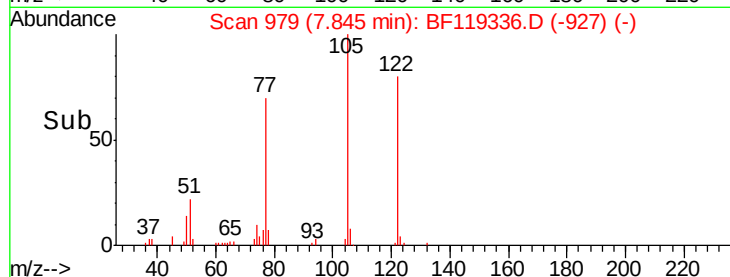
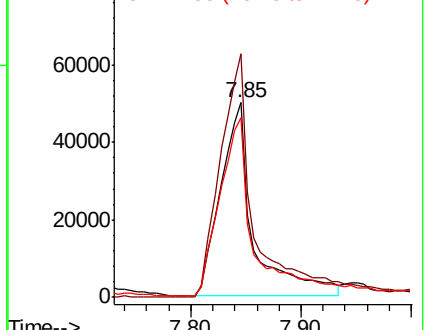


Abundance

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: 4.041 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Tgt Ion:127 Resp: 38194

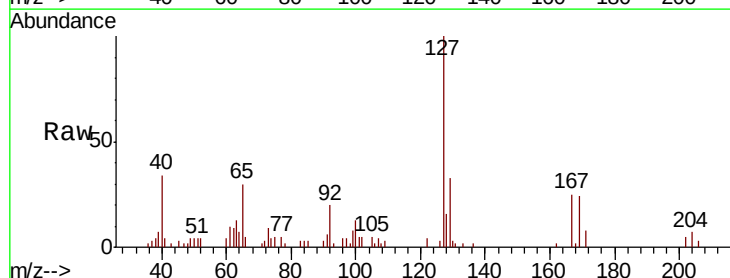
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 29.7 23.9 35.9

92 19.5 16.3 24.5



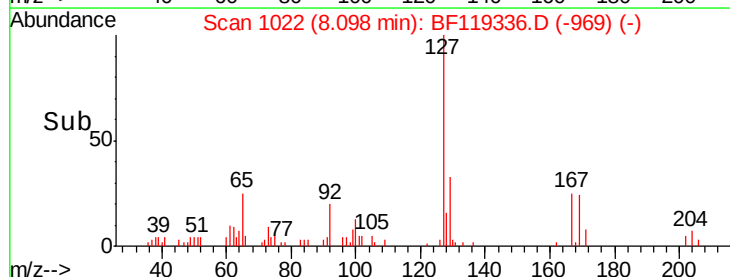
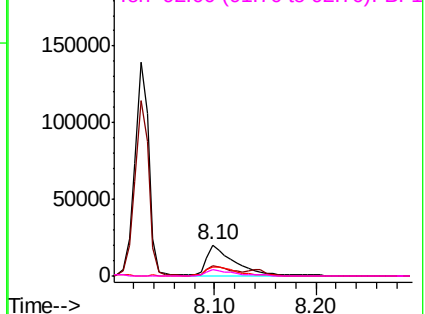
Abundance

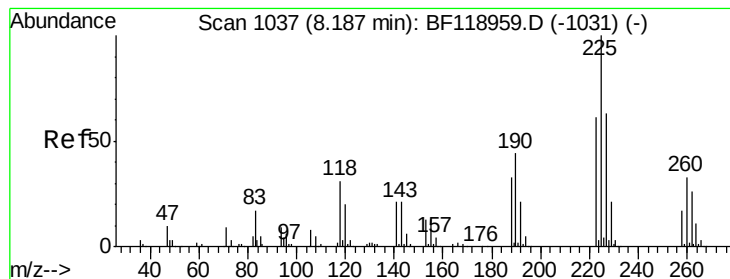
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 41.161 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampled :

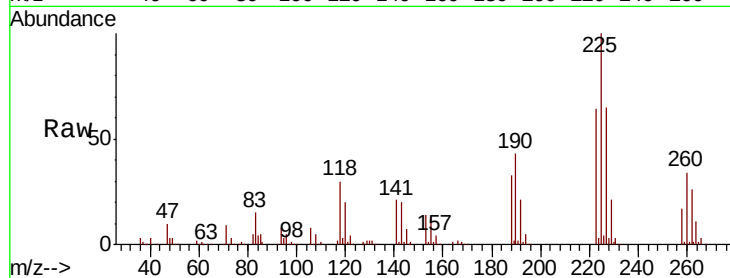
Tot Ion:225 Resp: 204217

Ion Ratio Lower Upper

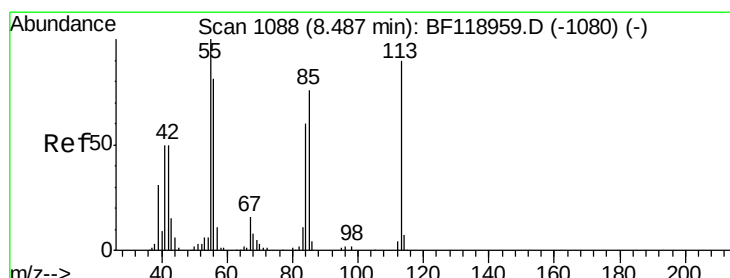
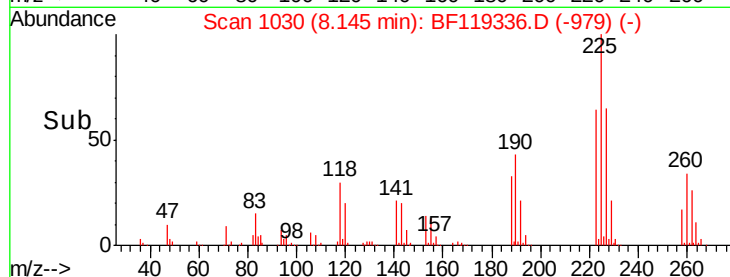
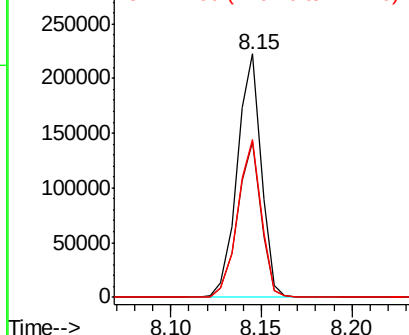
225 100

223 63.6 49.4 74.2

227 64.8 52.9 79.3



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



#35

Caprolactam

Concen: 24.571 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

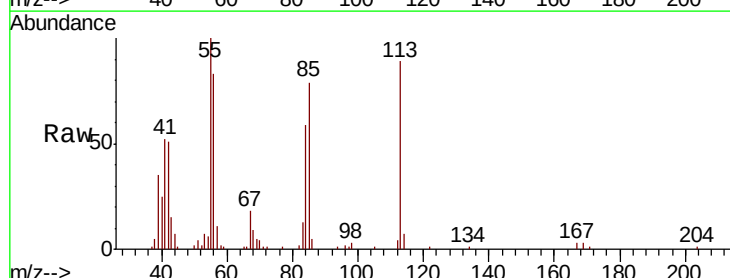
Tgt Ion:113 Resp: 50826

Ion Ratio Lower Upper

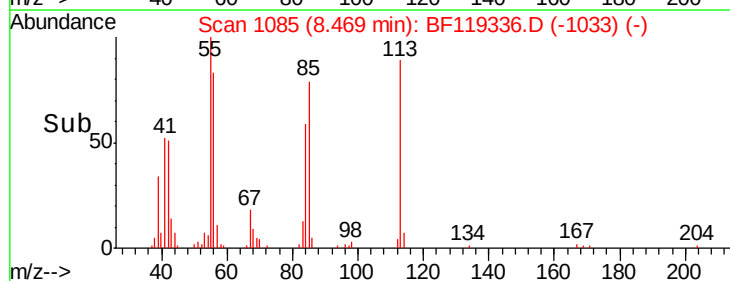
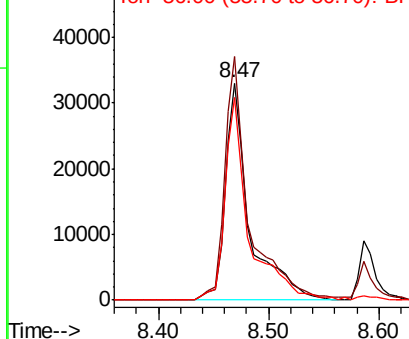
113 100

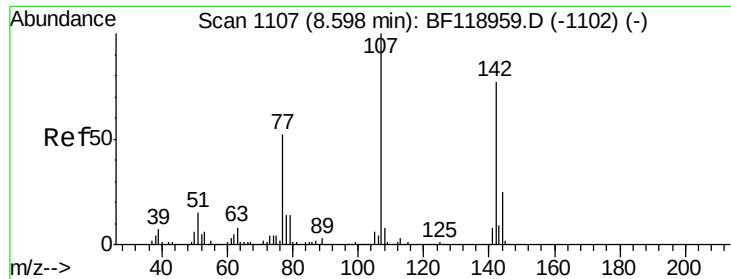
55 112.3 95.7 135.7

56 93.8 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

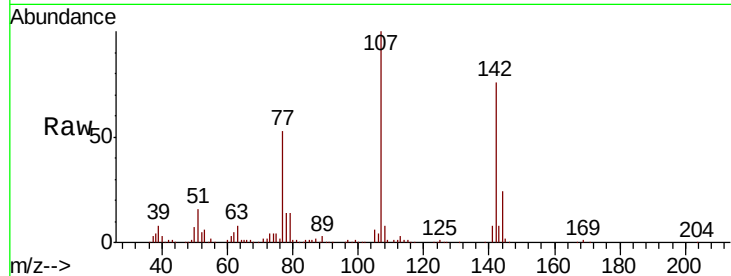




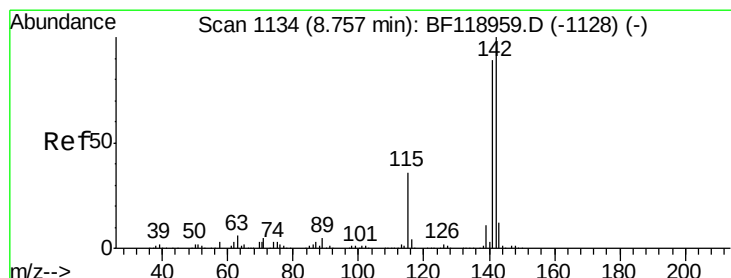
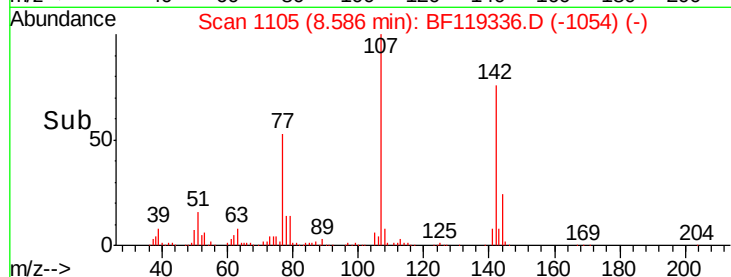
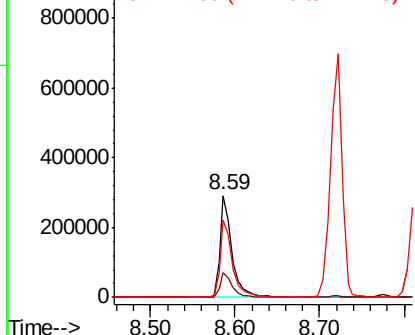
#36
4-Chloro-3-methylphenol
Concen: 43.684 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 297004
Ion Ratio Lower Upper
107 100
144 24.4 20.1 30.1
142 75.9 61.4 92.2

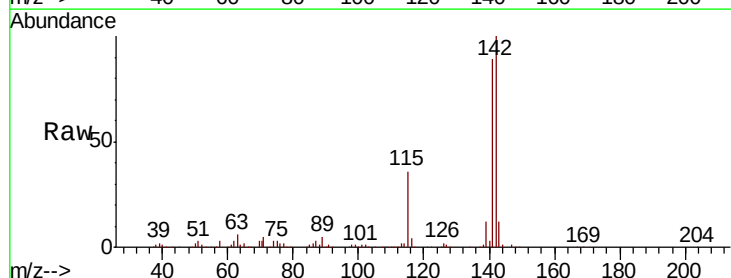


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

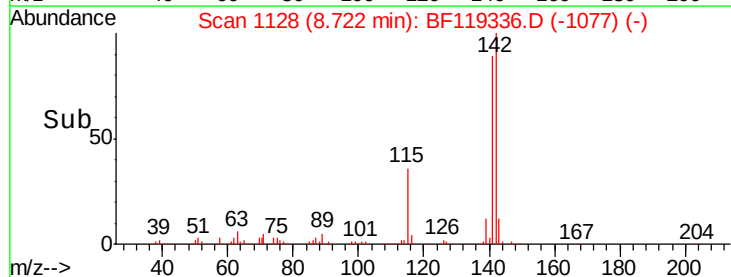
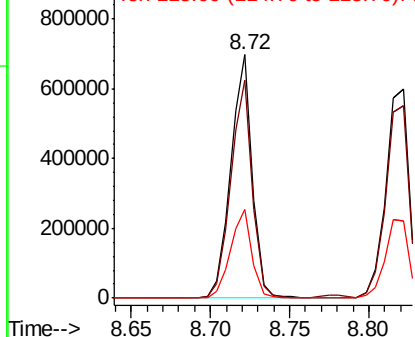


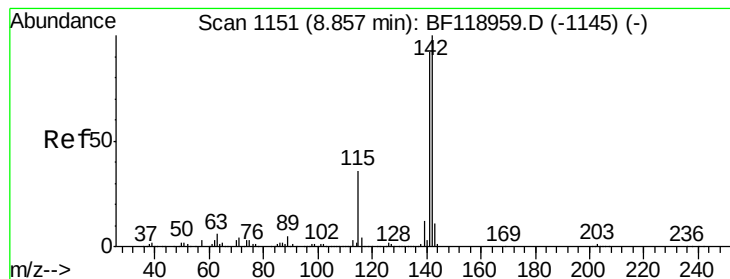
#37
2-Methylnaphthalene
Concen: 44.012 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion:142 Resp: 650851
Ion Ratio Lower Upper
142 100
141 89.4 72.3 108.5
115 36.3 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: 43.667 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

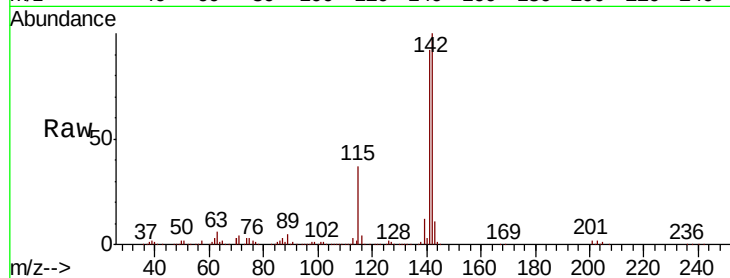
Tot Ion:142 Resp: 607289

Ion Ratio Lower Upper

142 100

141 92.0 75.8 113.6

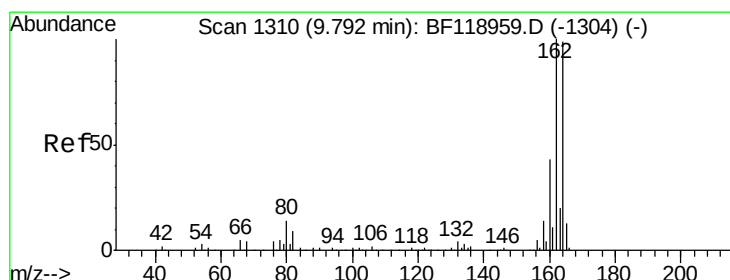
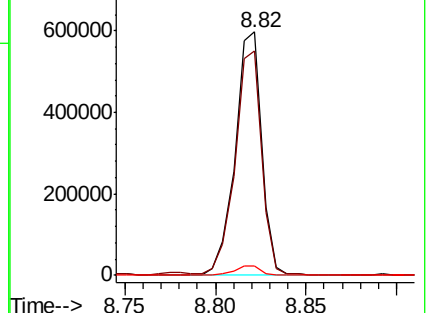
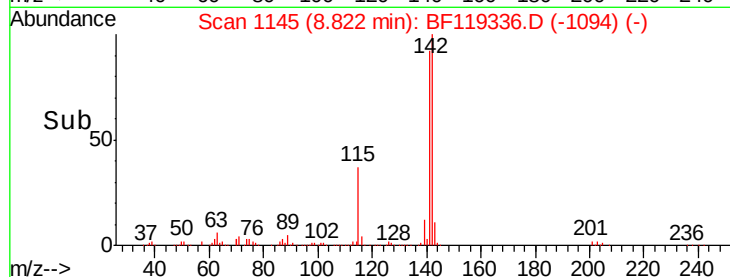
116 3.7 3.1 4.7



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. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

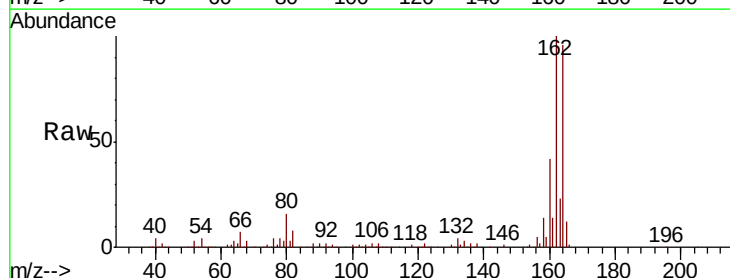
Tgt Ion:164 Resp: 205826

Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.8

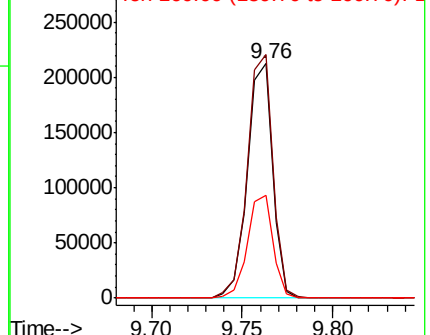
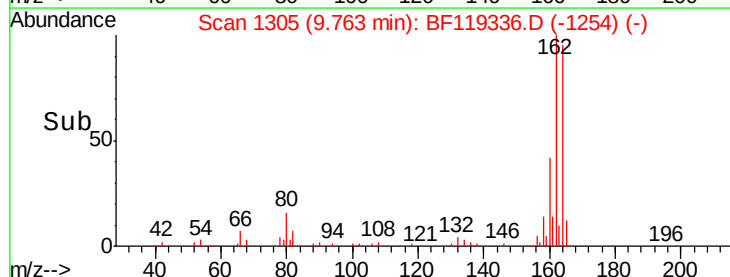
160 44.0 36.0 54.0

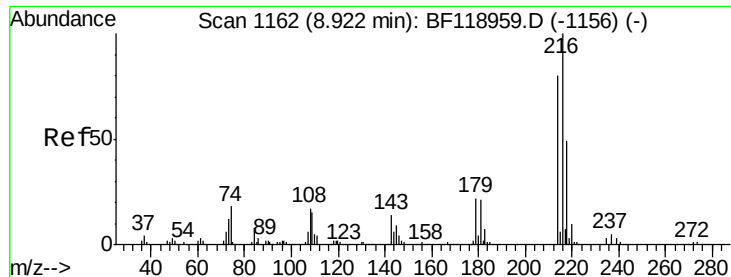


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.819 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 317962

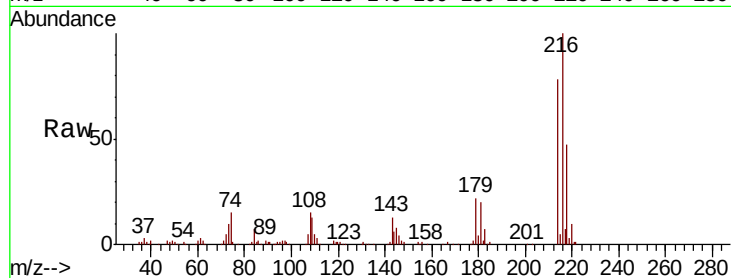
Ion Ratio Lower Upper

216 100

214 78.9 63.3 94.9

179 21.8 17.7 26.5

108 16.8 13.9 20.9

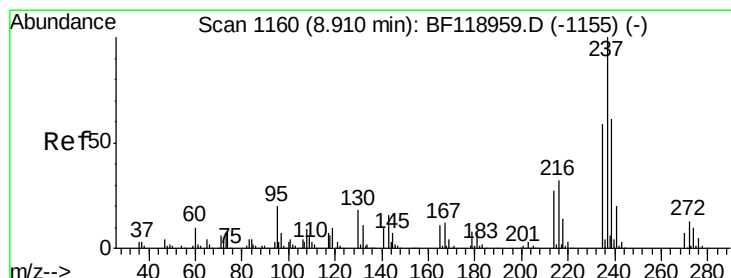
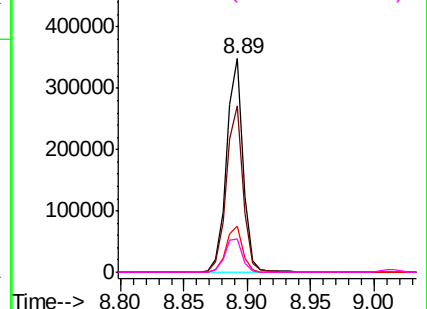
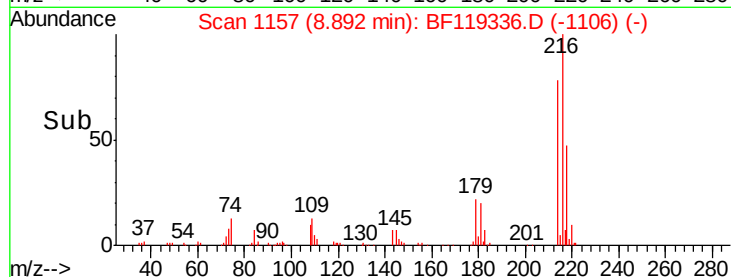


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 11.159 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

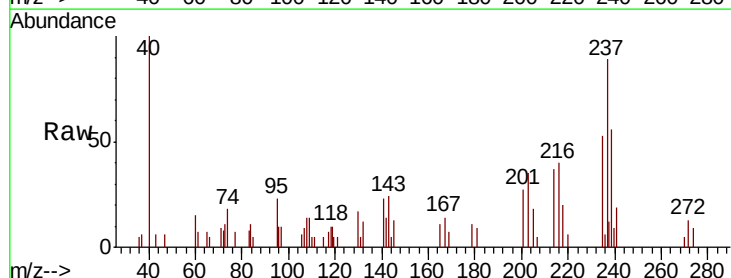
Tgt Ion:237 Resp: 5050

Ion Ratio Lower Upper

237 100

235 59.3 42.3 82.3

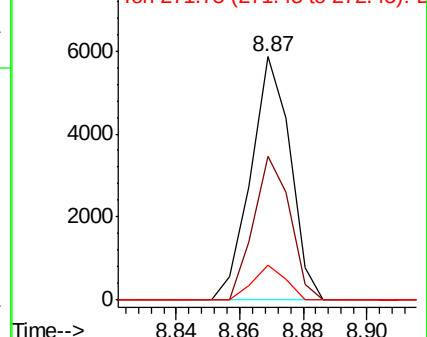
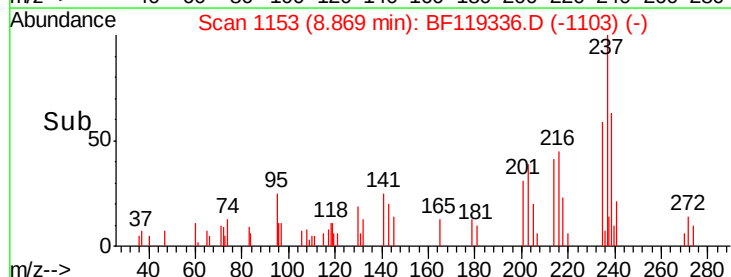
272 14.1 0.0 33.5

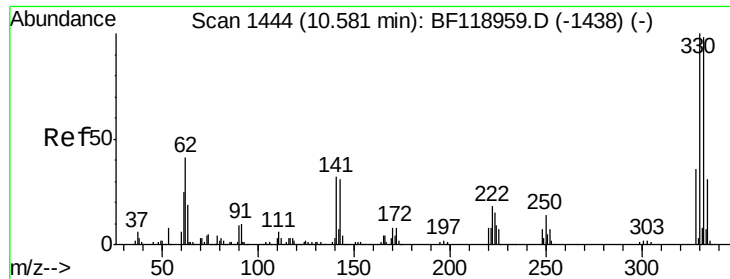


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

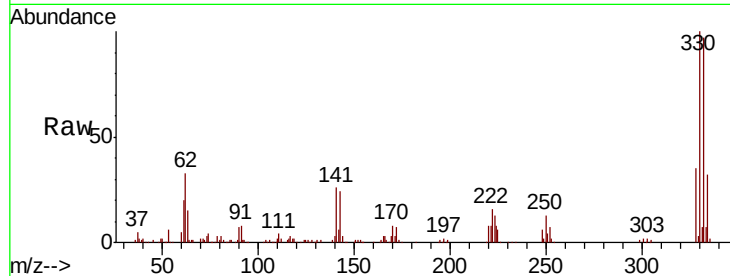




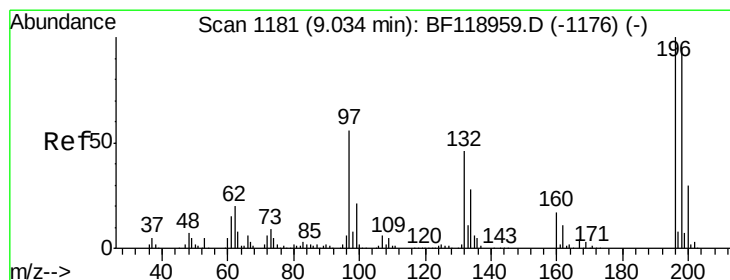
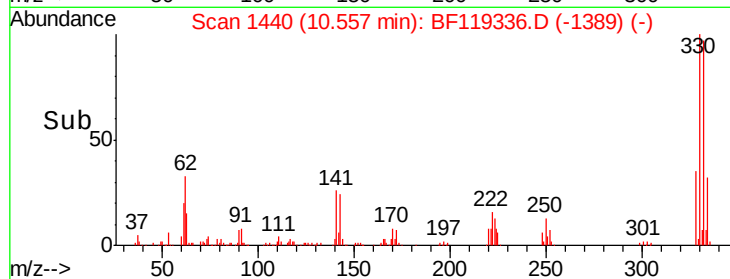
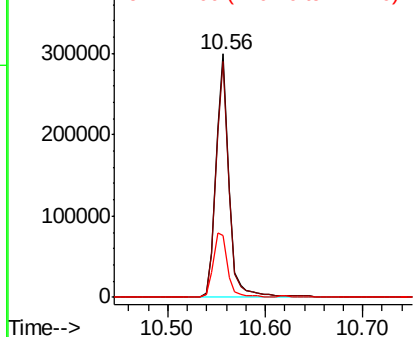
#42
 2,4,6-Tribromophenol
 Concen: 103.539 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 278784
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.0 114.0
 141 29.6 22.9 34.3

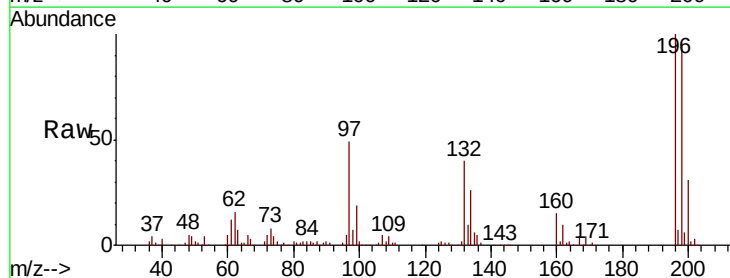


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

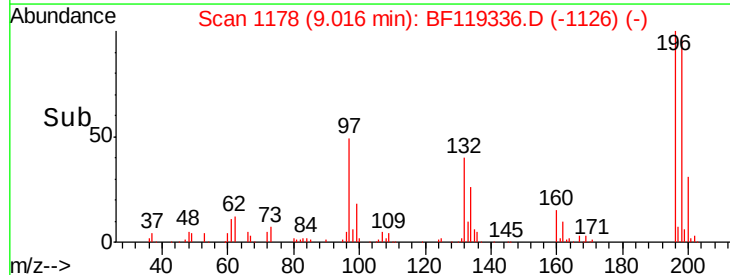
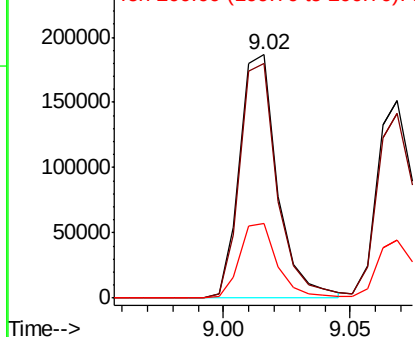


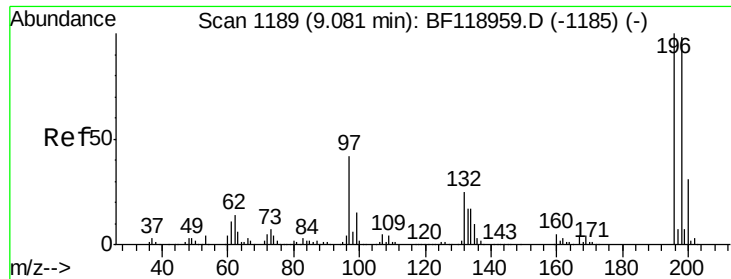
#43
 2,4,6-Trichlorophenol
 Concen: 44.151 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion:196 Resp: 193482
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.1 115.7
 200 30.8 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

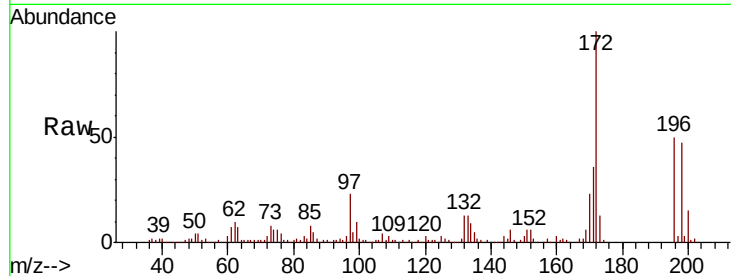




#44
2,4,5-Trichlorophenol
Concen: 41.472 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.8	115.2
97	45.5	38.5	57.7
132	26.4	22.2	33.4



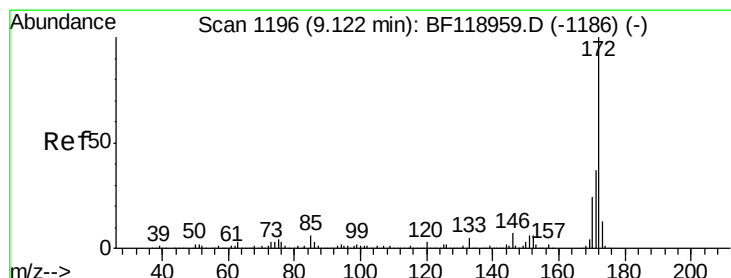
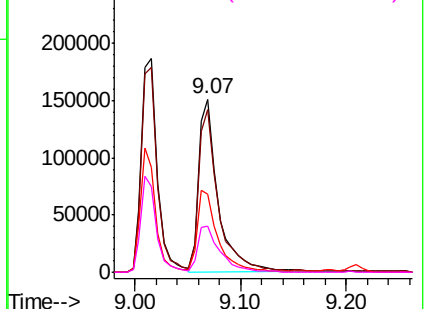
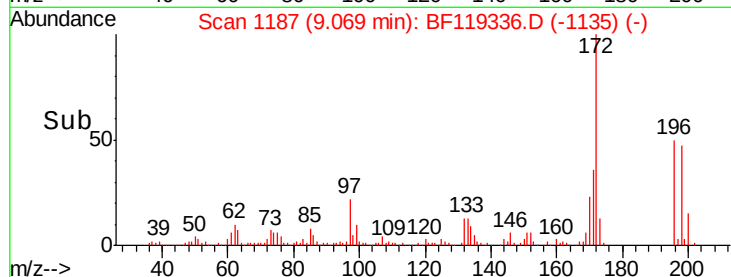
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

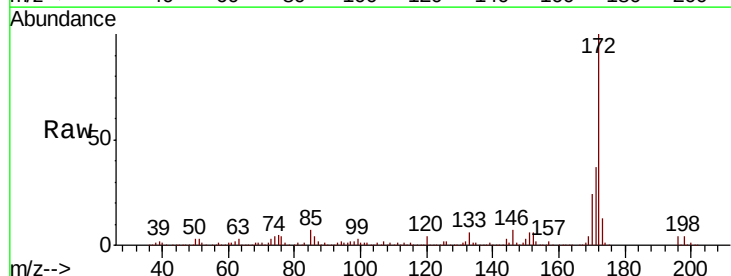
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 93.307 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	23.9	20.2	30.2

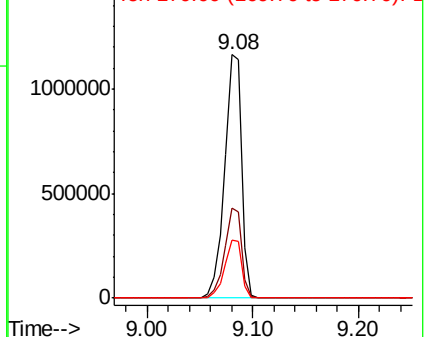
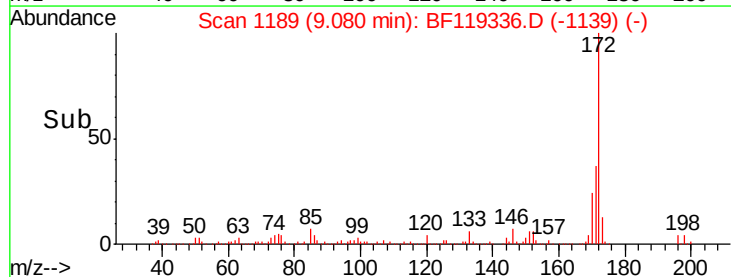


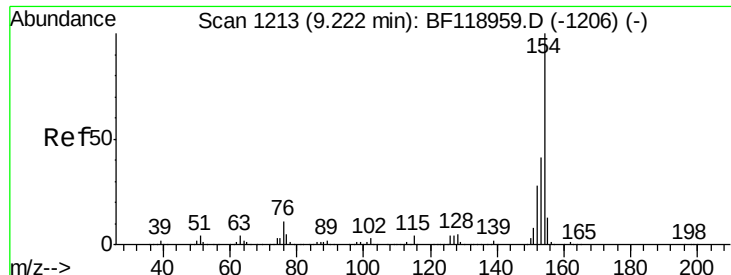
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

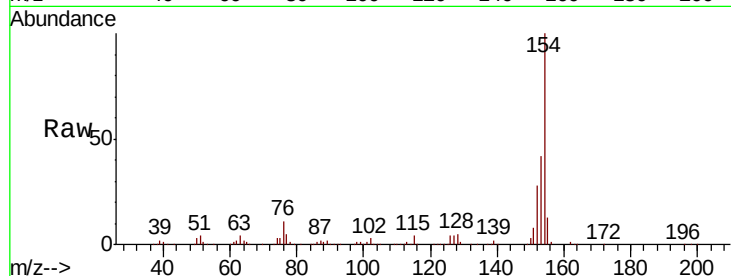




#46
 1,1'-Biphenyl
 Concen: 46.486 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	10.8	0.0	32.2

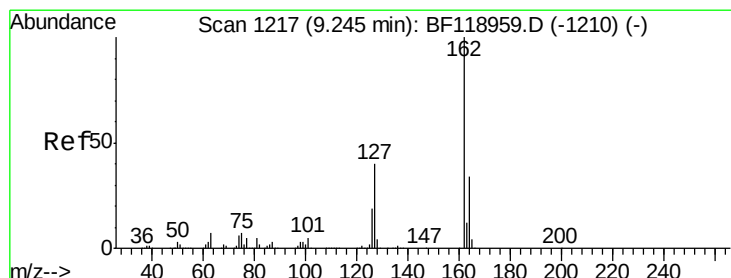
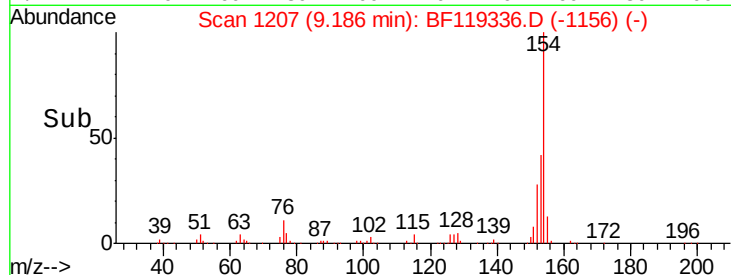
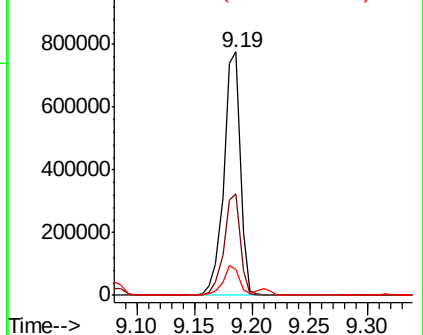


Abundance

Ion 154.00 (153.70 to 154.70): E

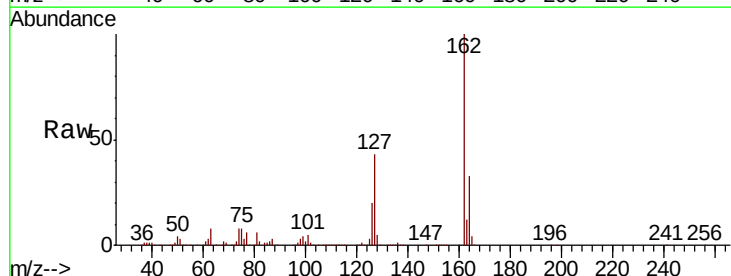
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
 2-Chloronaphthalene
 Concen: 44.364 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	35.0	52.4
164	33.0	27.2	40.8

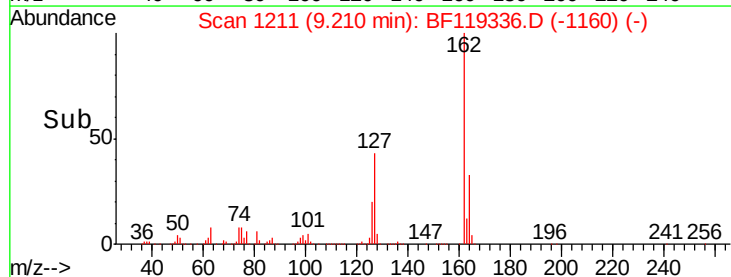
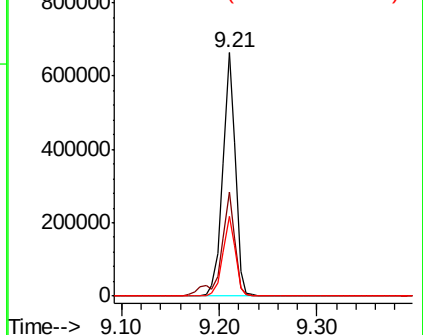


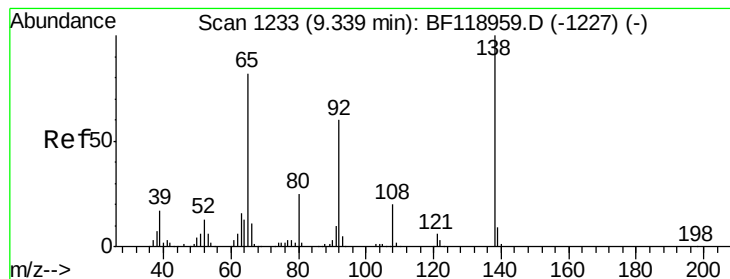
Abundance

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: 46.869 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampled :

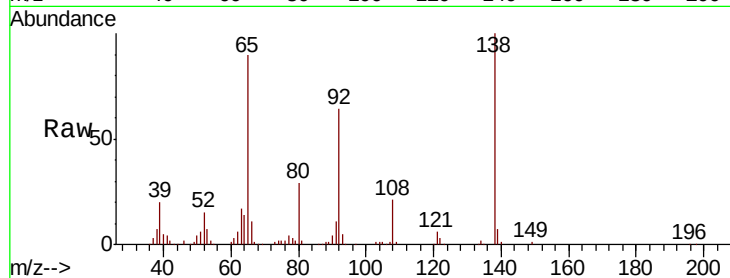
Tot Ion: 65 Resp: 175243

Ion Ratio Lower Upper

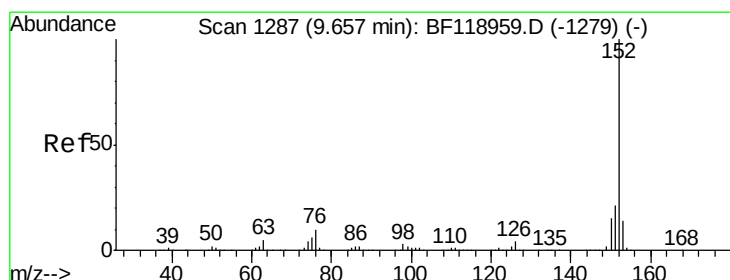
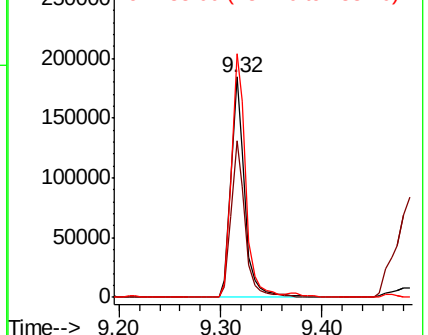
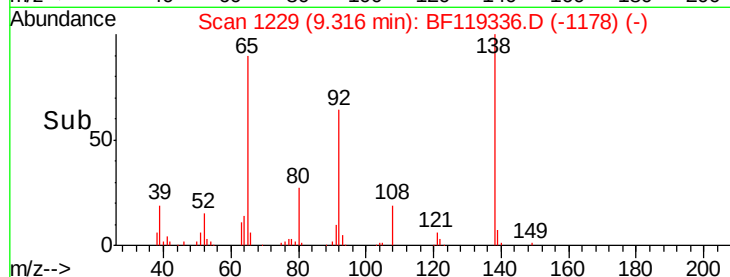
65 100

92 71.0 58.2 87.2

138 110.6 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): BF1



#49

Acenaphthylene

Concen: 44.452 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

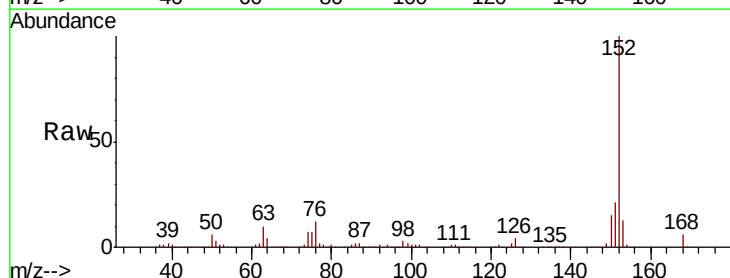
Tgt Ion: 152 Resp: 860646

Ion Ratio Lower Upper

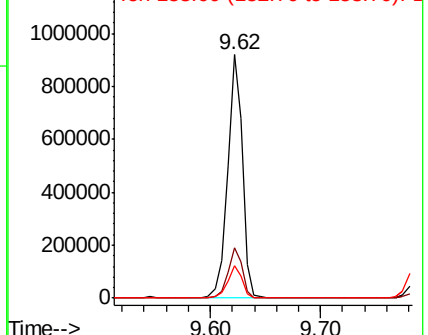
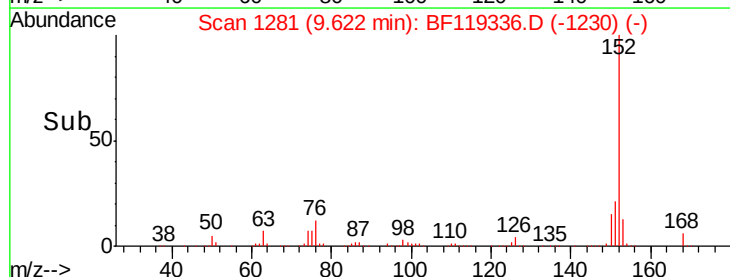
152 100

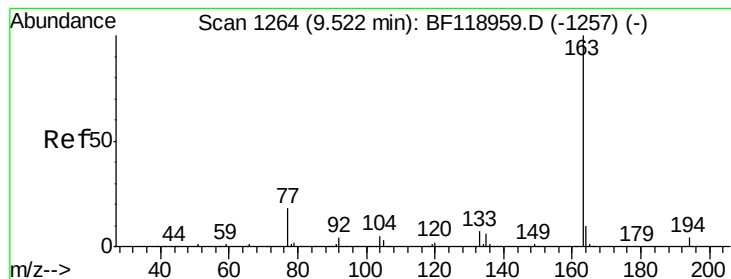
151 20.7 16.9 25.3

153 13.5 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: 53.846 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampled :

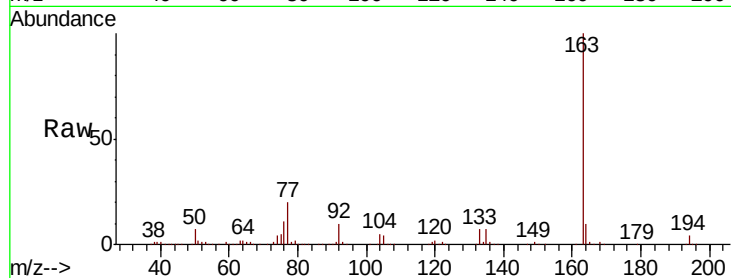
Tot Ion:163 Resp: 847484

Ion Ratio Lower Upper

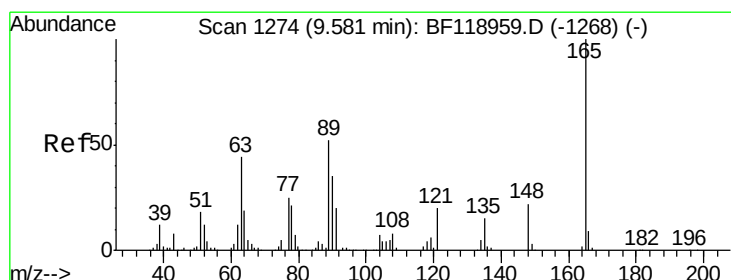
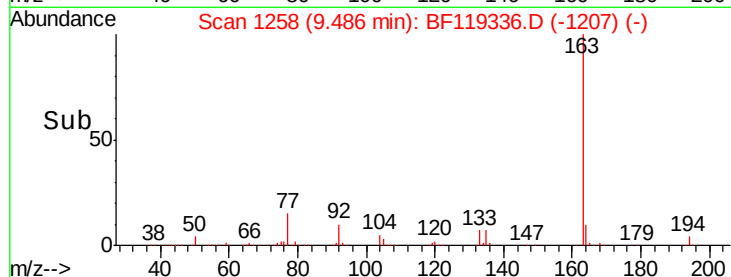
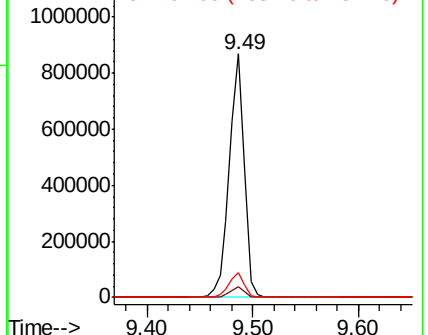
163 100

194 4.3 3.5 5.3

164 9.9 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: 41.451 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

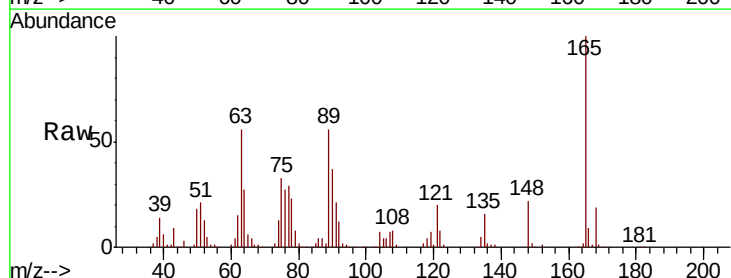
Tgt Ion:165 Resp: 144946

Ion Ratio Lower Upper

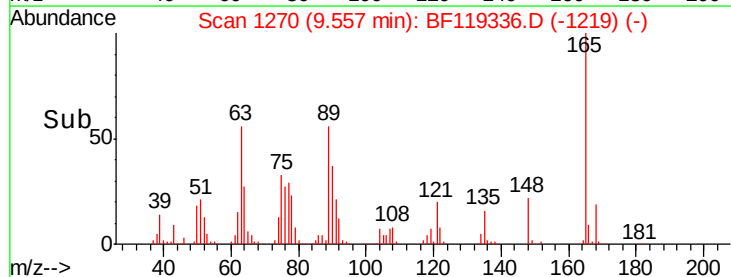
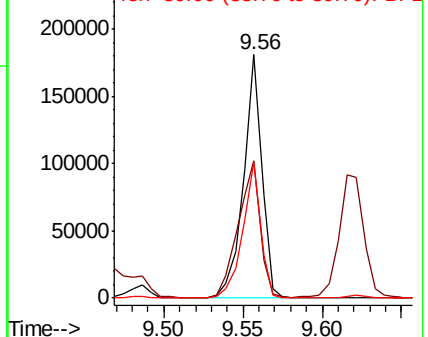
165 100

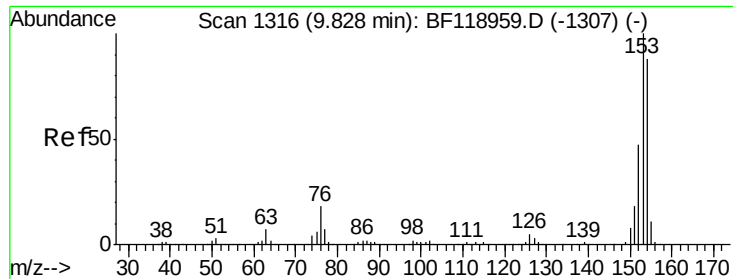
63 56.5 34.3 51.5#

89 55.9 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: 44.252 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

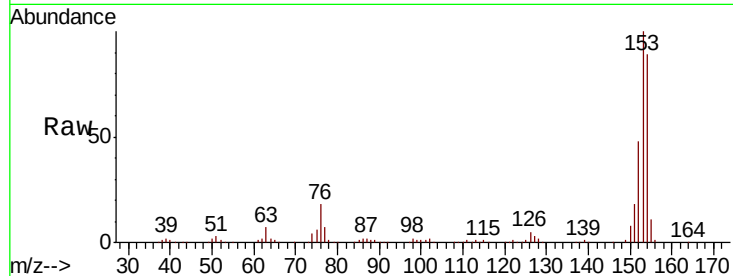
Tot Ion:154 Resp: 516625

Ion Ratio Lower Upper

154 100

153 112.5 90.3 135.5

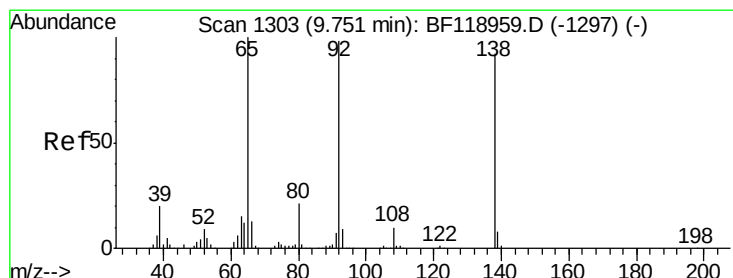
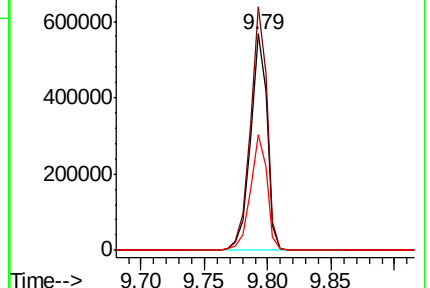
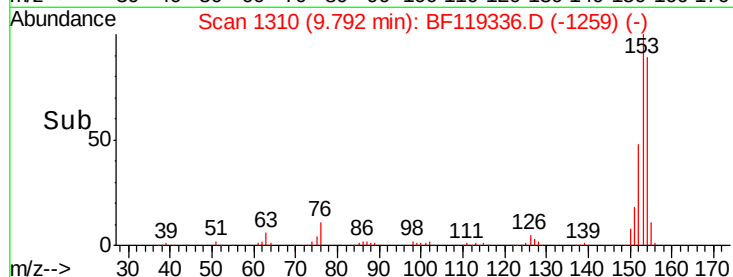
152 53.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 18.657 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

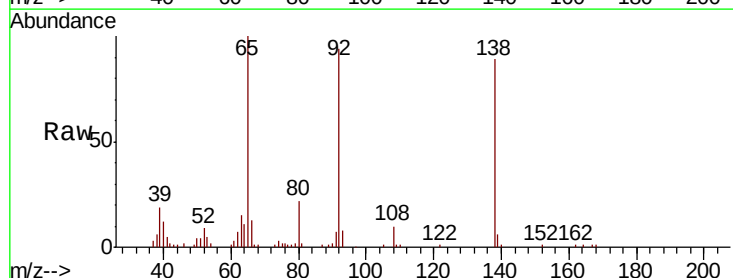
Tgt Ion:138 Resp: 72325

Ion Ratio Lower Upper

138 100

108 10.8 8.8 13.2

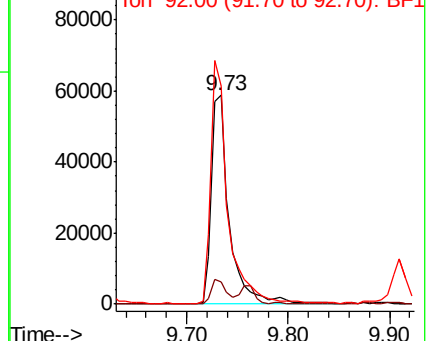
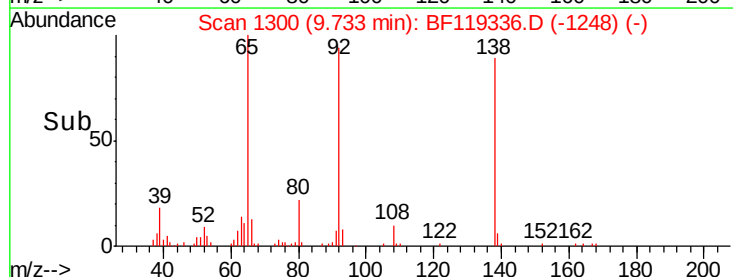
92 104.6 84.8 127.2

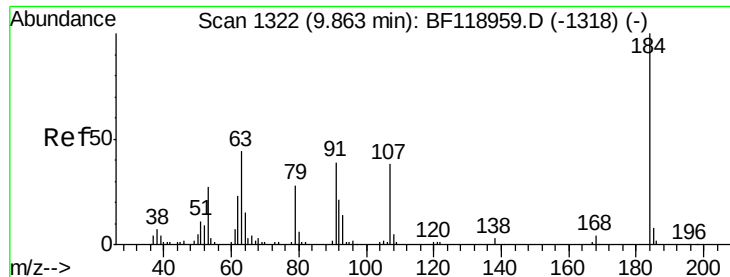


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

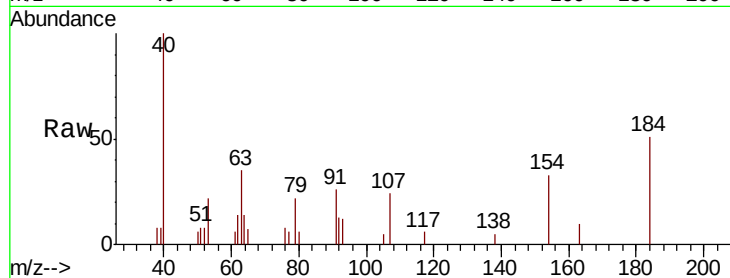




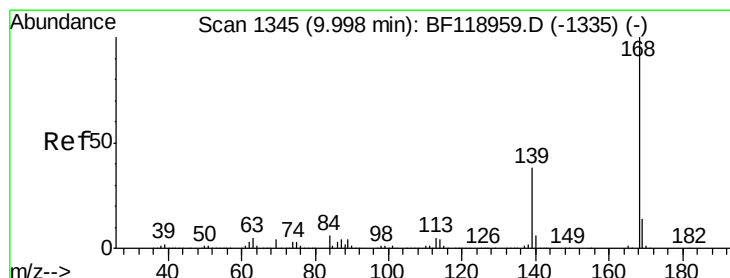
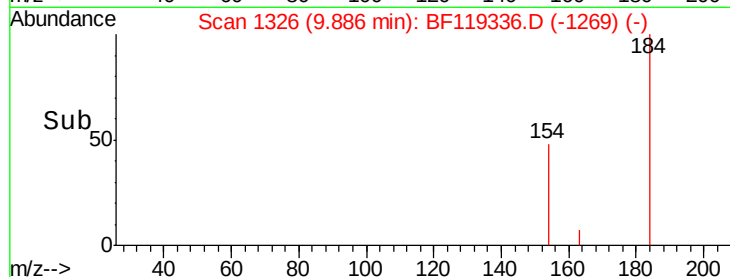
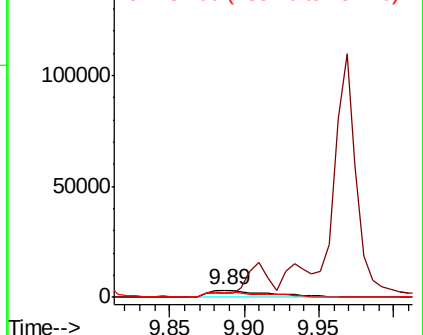
#54
 2,4-Dinitrophenol
 Concen: 12.380 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.04 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 9194
 Ion Ratio Lower Upper
 184 100
 63 68.1 38.7 58.1#
 154 65.1 49.7 74.5

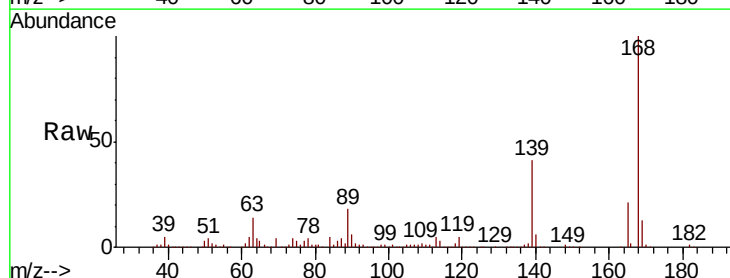


Abundance Ion 184.00 (183.70 to 184.70): E
 150000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

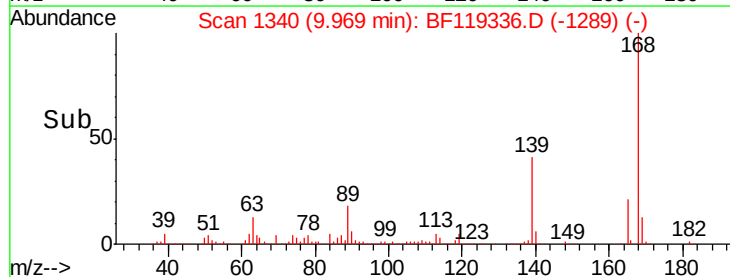
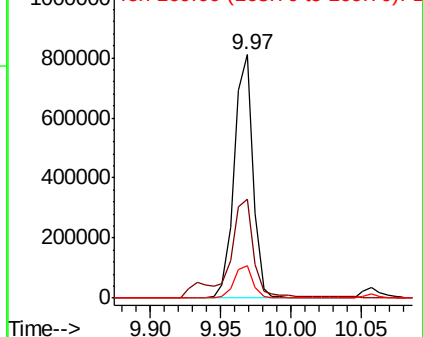


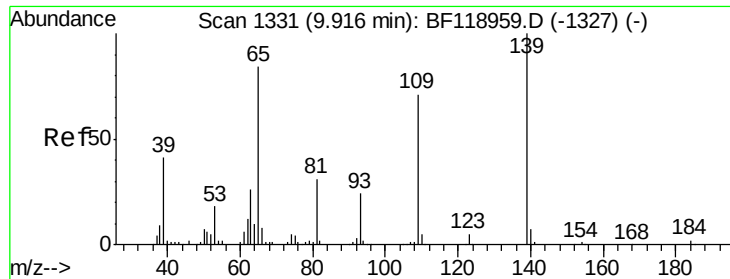
#55
 Dibenzofuran
 Concen: 42.906 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion:168 Resp: 747649
 Ion Ratio Lower Upper
 168 100
 139 40.8 34.0 51.0
 169 13.5 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
 1000000
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

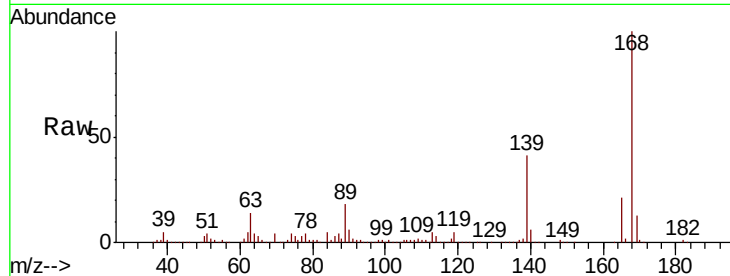




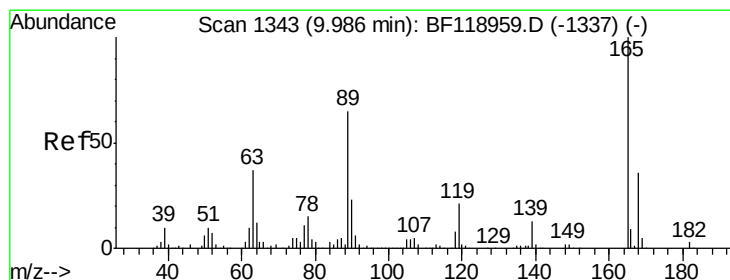
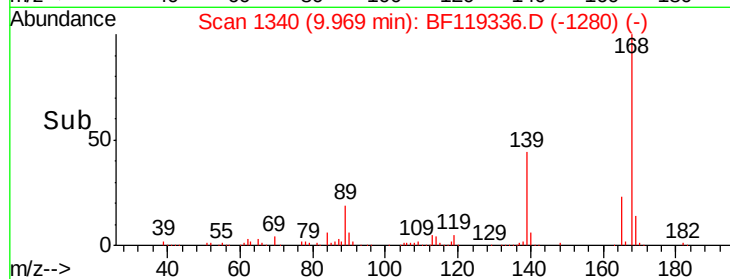
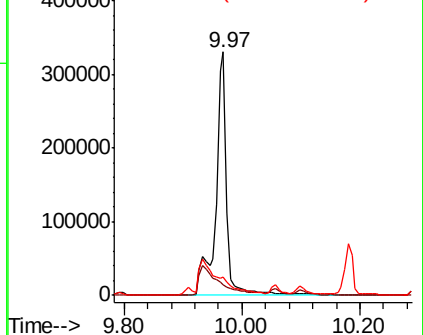
#56
4-Nitrophenol
Concen: 185.975 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.05 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 433161
Ion Ratio Lower Upper
139 100
109 4.4 56.7 96.7#
65 7.6 65.0 105.0#



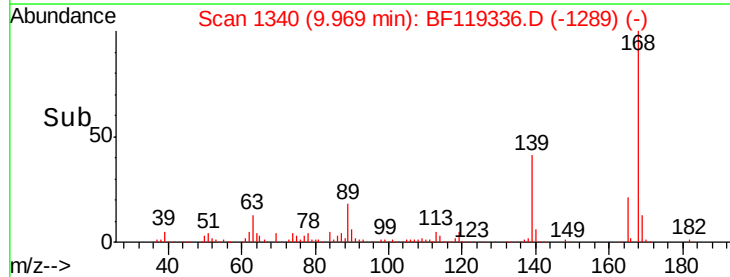
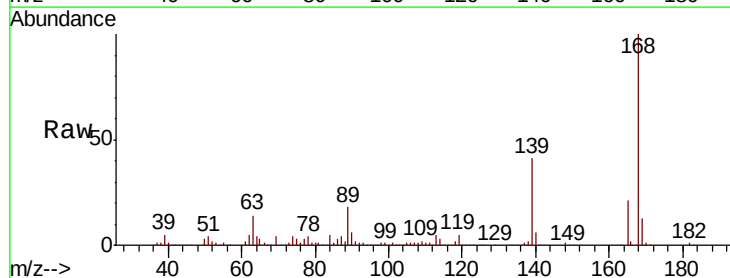
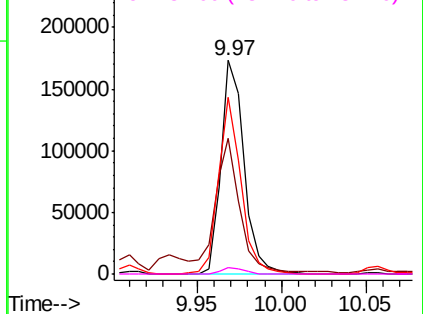
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

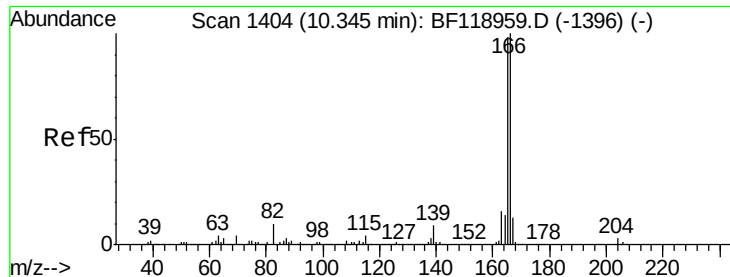


#57
2,4-Dinitrotoluene
Concen: 36.697 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion:165 Resp: 166327
Ion Ratio Lower Upper
165 100
63 63.3 42.3 63.5
89 82.9 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: 43.461 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

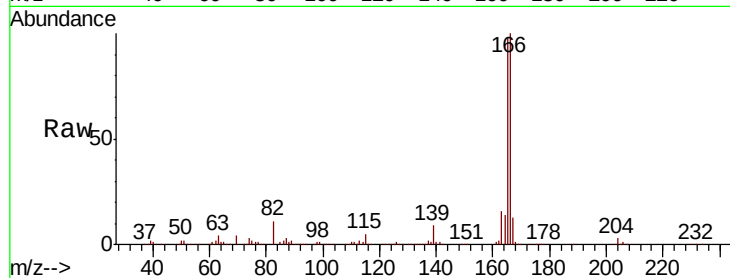
Tot Ion:166 Resp: 588483

Ion Ratio Lower Upper

166 100

165 98.2 78.5 117.7

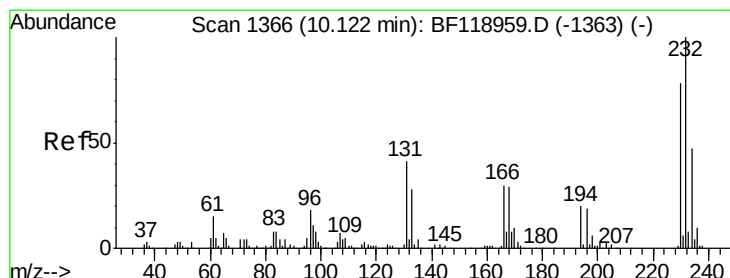
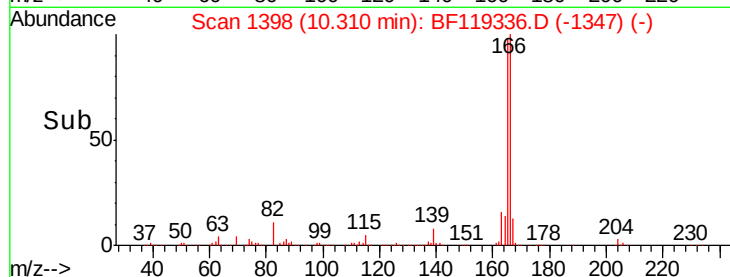
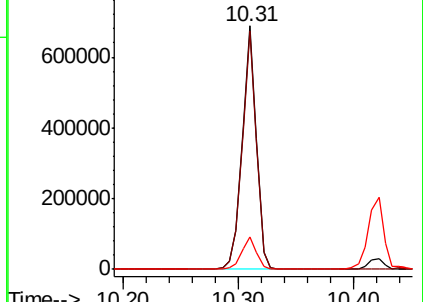
167 13.3 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 40.681 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Tgt Ion:232 Resp: 157855

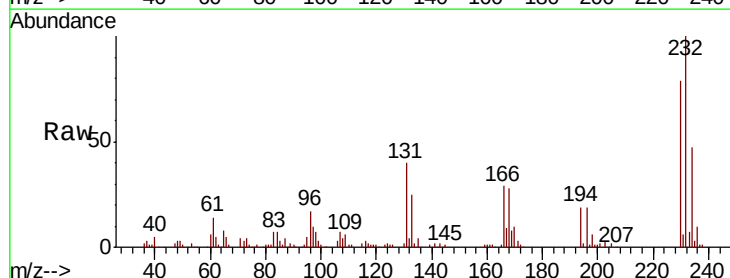
Ion Ratio Lower Upper

232 100

131 40.0 33.8 50.8

130 2.2 1.8 2.6

166 27.9 23.0 34.4

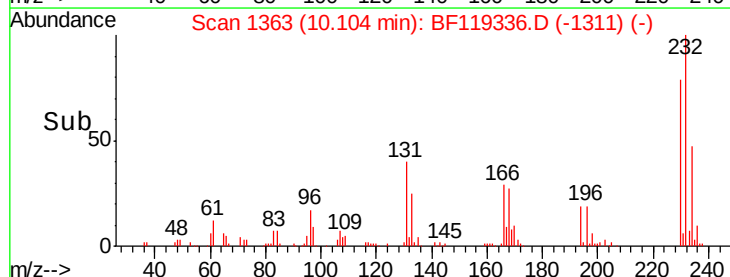
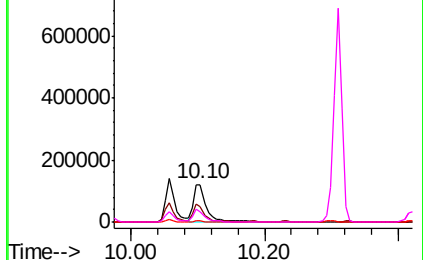


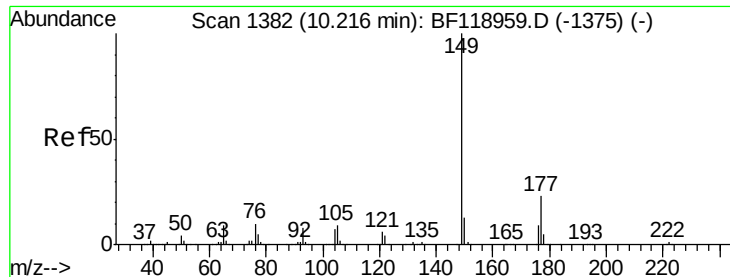
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

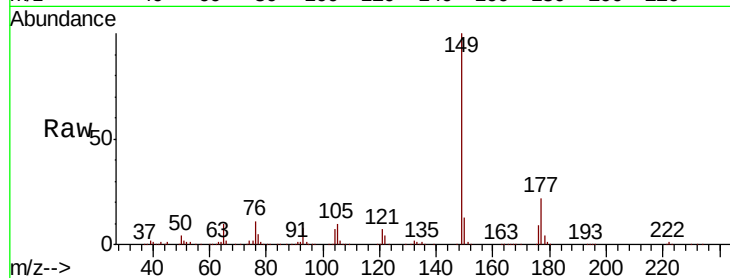




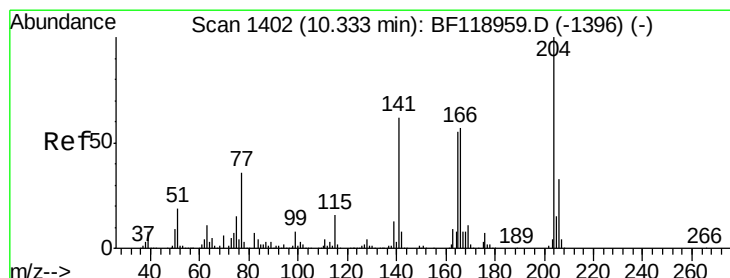
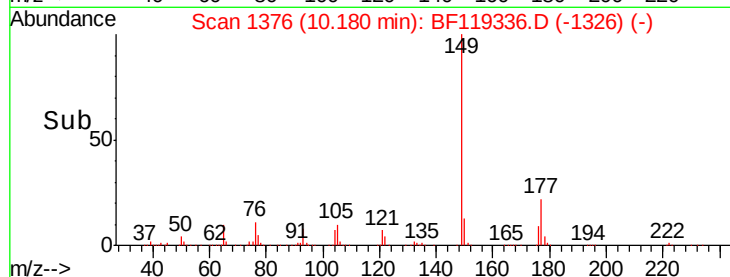
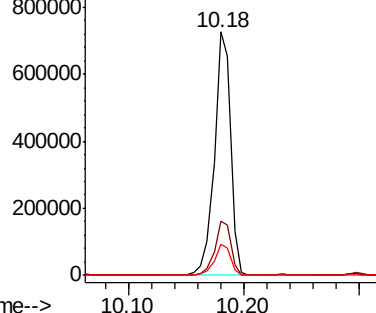
#60
Diethylphthalate
Concen: 47.653 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 706803
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 12.7 10.5 15.7

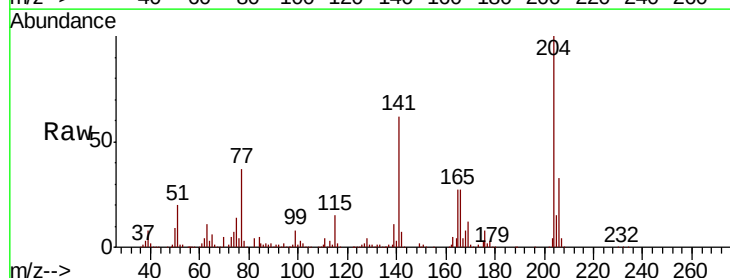


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

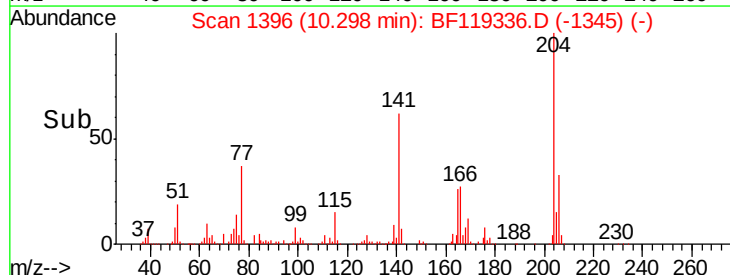
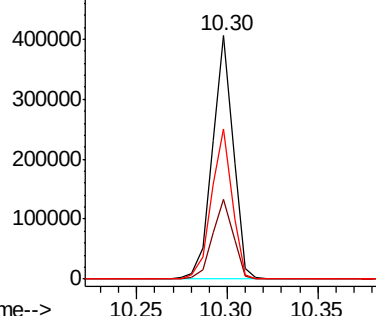


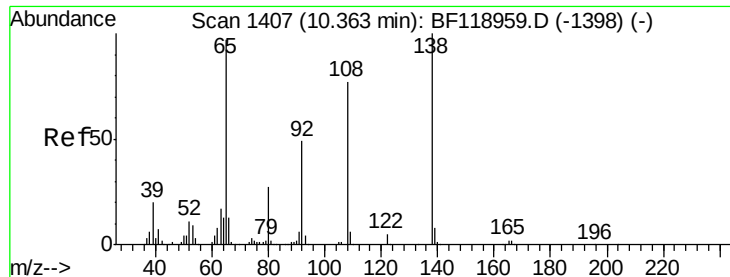
#61
4-Chlorophenyl-phenylether
Concen: 44.998 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion:204 Resp: 322510
Ion Ratio Lower Upper
204 100
206 33.0 27.1 40.7
141 61.7 52.9 79.3



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

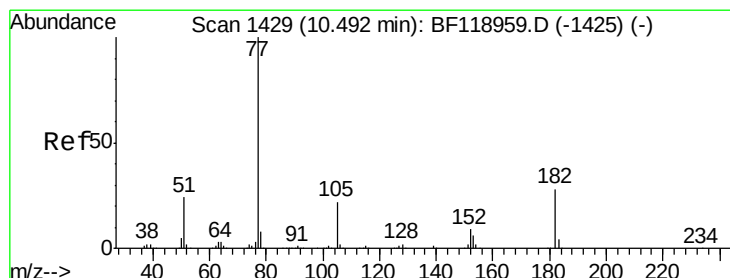
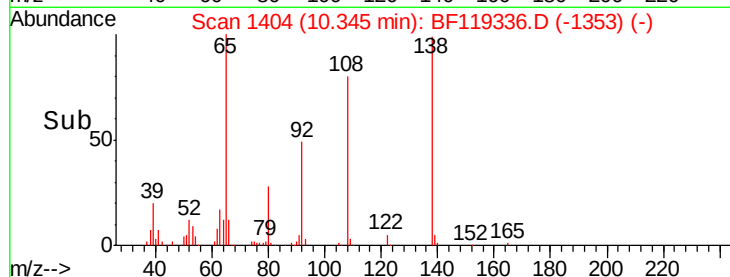
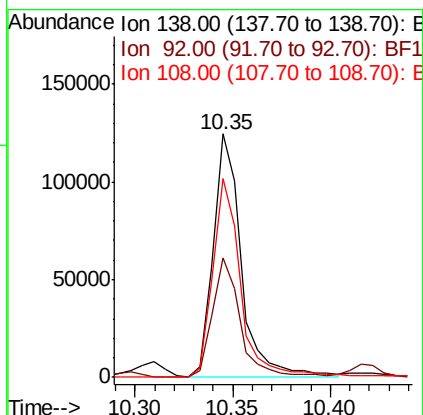
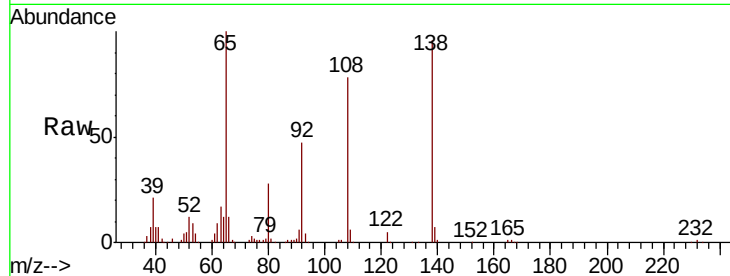




#62
4-Nitroaniline
Concen: 31.479 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

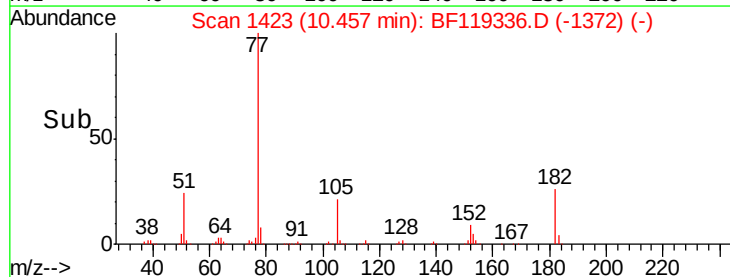
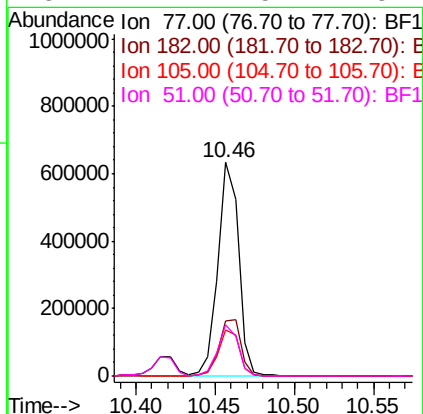
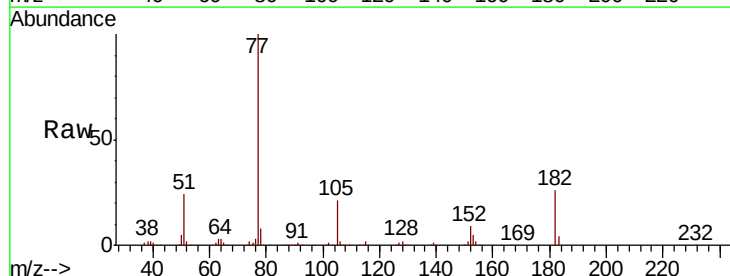
Instrument :
BNA_F
ClientSampleId :

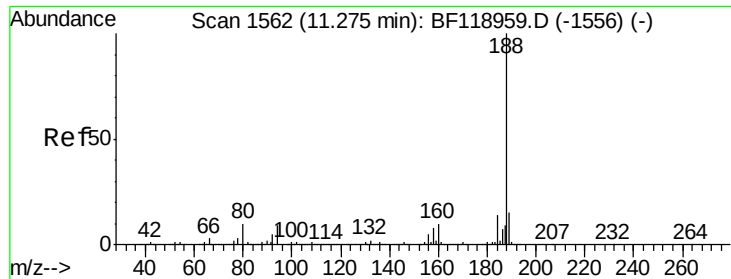
Tot Ion:138 Resp: 124852
Ion Ratio Lower Upper
138 100
92 49.2 27.3 67.3
108 81.5 57.0 97.0



#63
Azobenzene
Concen: 44.335 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion: 77 Resp: 571583
Ion Ratio Lower Upper
77 100
182 26.0 11.4 51.4
105 21.3 3.4 43.4
51 24.1 5.1 45.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampled :

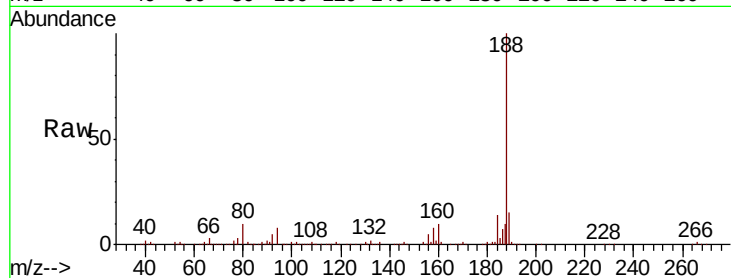
Tot Ion:188 Resp: 307838

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

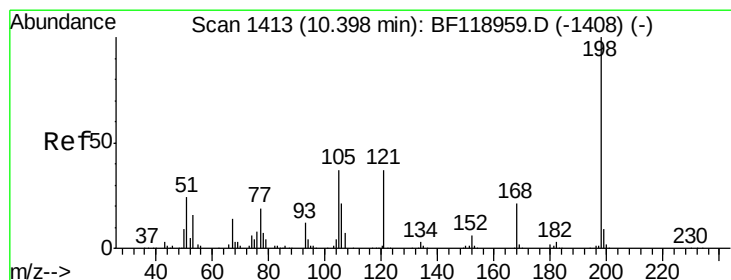
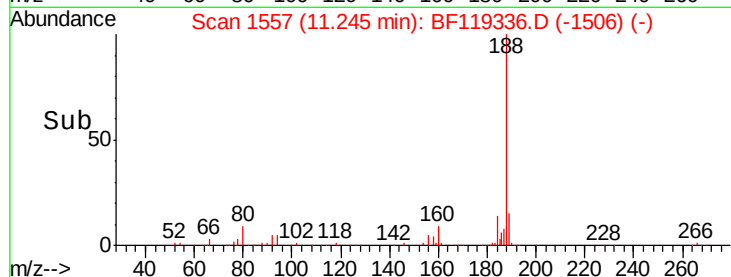
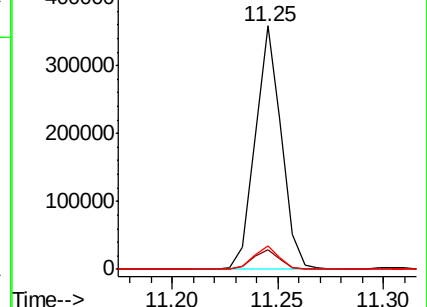
80 9.6 7.8 11.8



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: 5.278 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.02 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

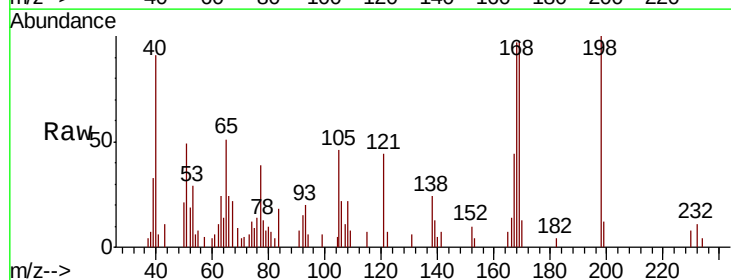
Tgt Ion:198 Resp: 9832

Ion Ratio Lower Upper

198 100

51 48.8 14.2 54.2

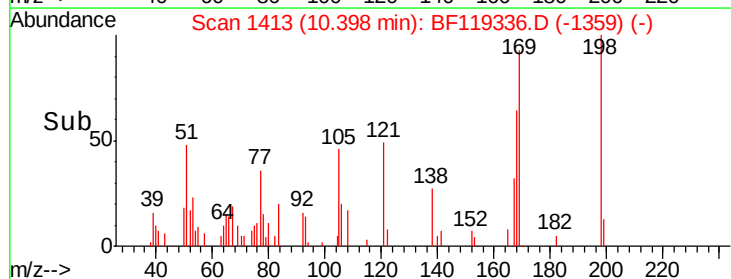
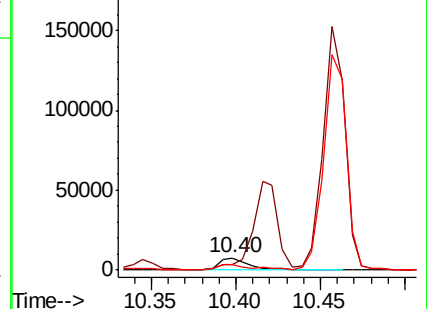
105 46.0 22.7 62.7

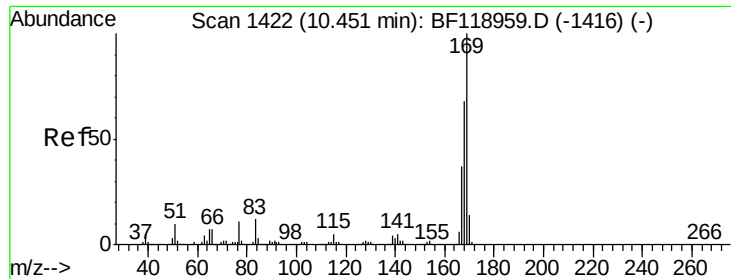


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

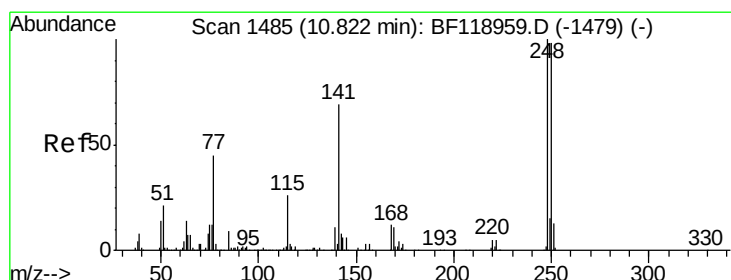
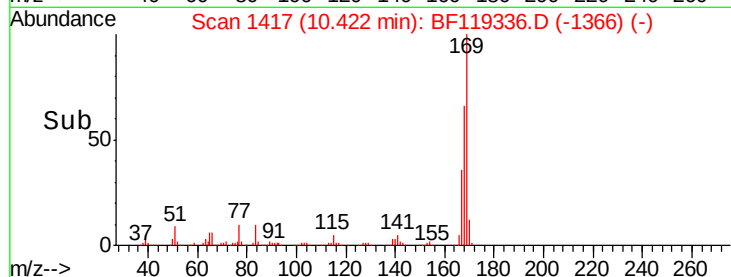
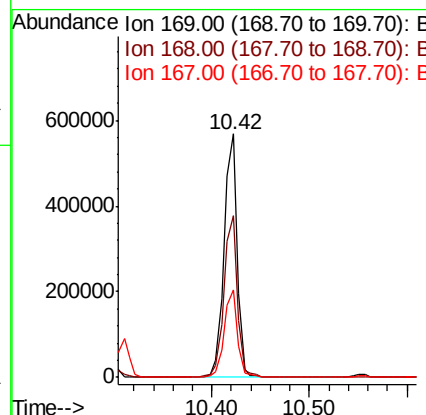
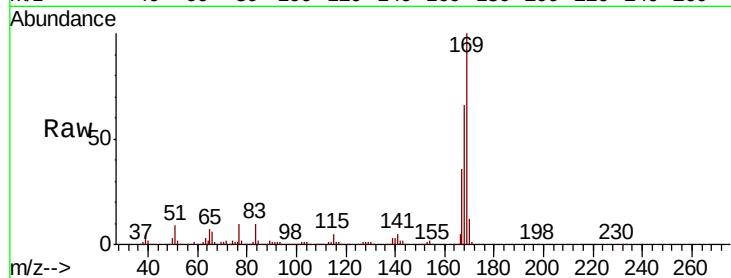




#66
 n-Nitrosodiphenylamine
 Concen: 52.600 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

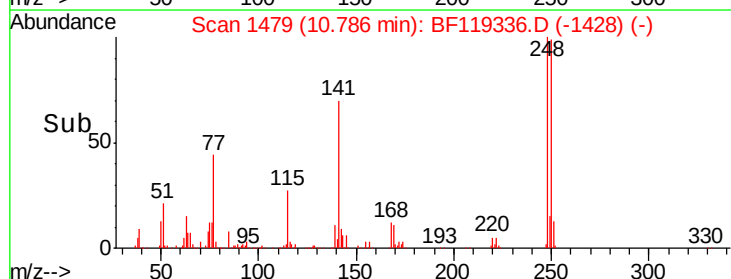
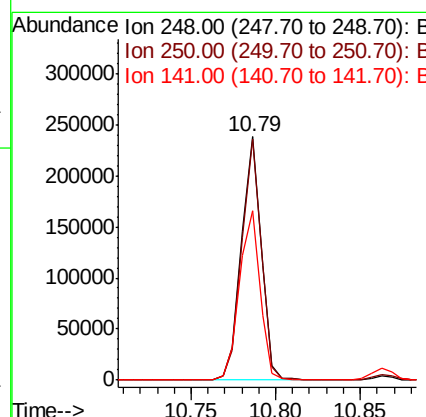
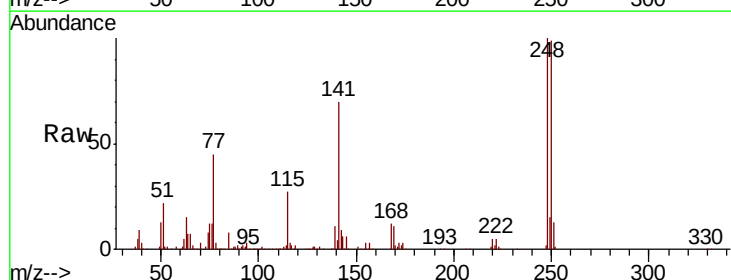
Instrument :
 BNA_F
 ClientSampleId :

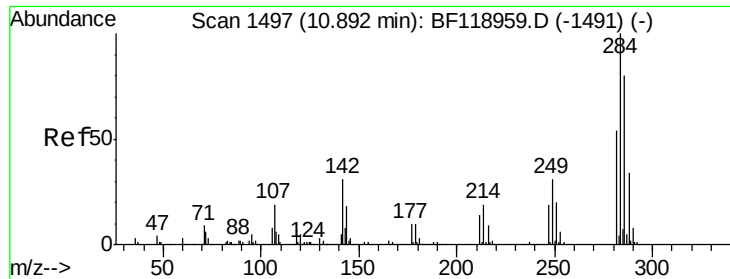
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.1	81.1
167	36.1	29.4	44.0



#67
 4-Bromophenyl-phenylether
 Concen: 48.342 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.7	115.1
141	69.8	60.7	91.1





#68

Hexachlorobenzene

Concen: 45.139 ng

RT: 10.86 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

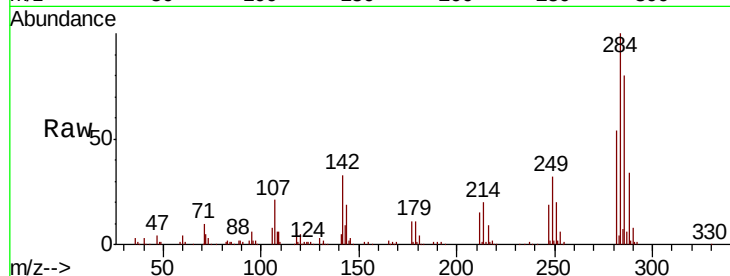
Tot Ion:284 Resp: 209412

Ion Ratio Lower Upper

284 100

142 32.6 23.7 35.5

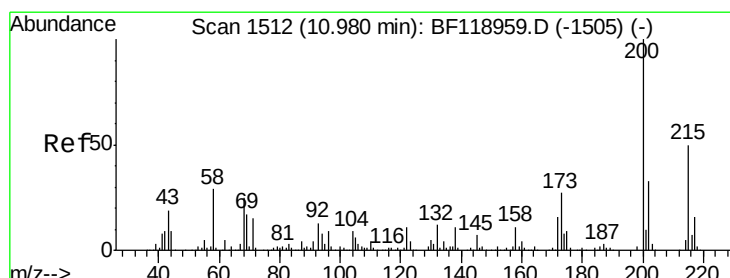
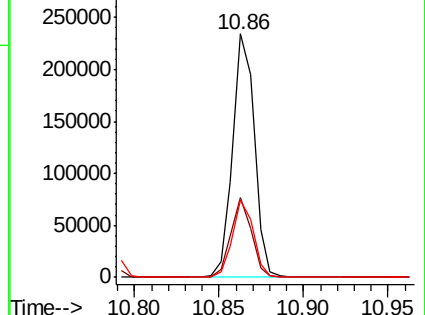
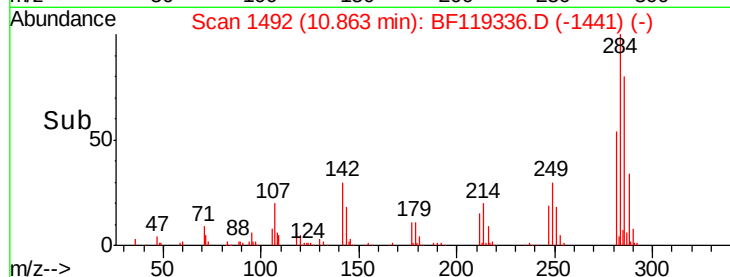
249 31.6 25.0 37.6



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: 48.130 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

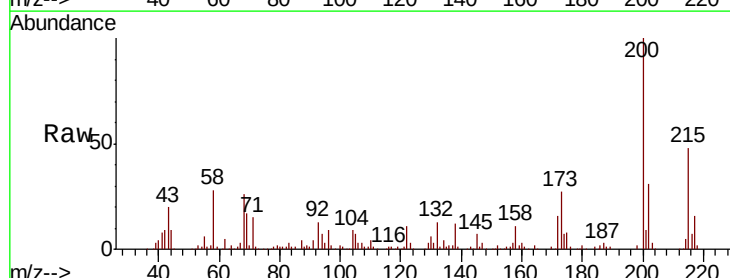
Tgt Ion:200 Resp: 169503

Ion Ratio Lower Upper

200 100

173 26.7 6.4 46.4

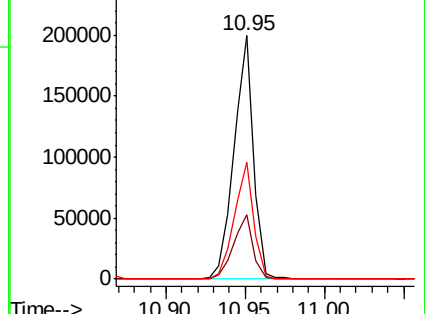
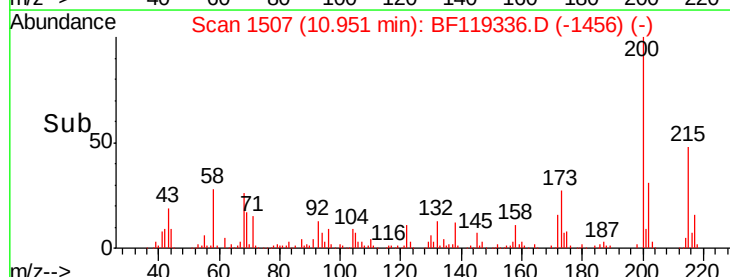
215 47.8 27.4 67.4

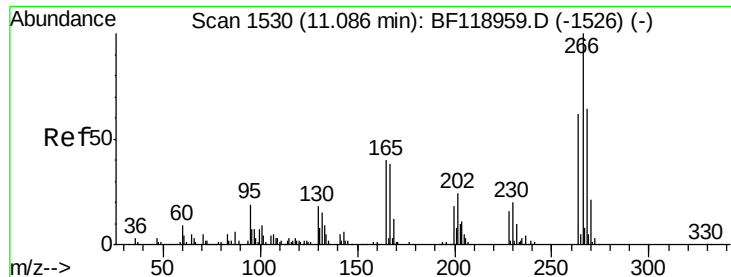


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

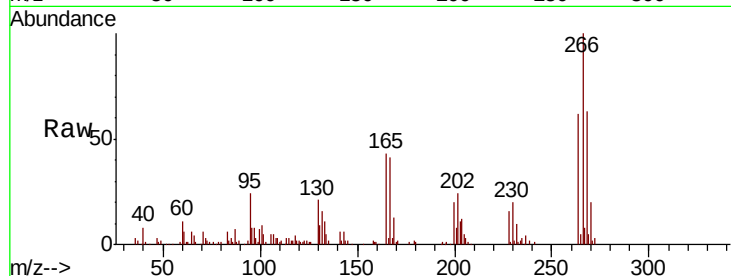




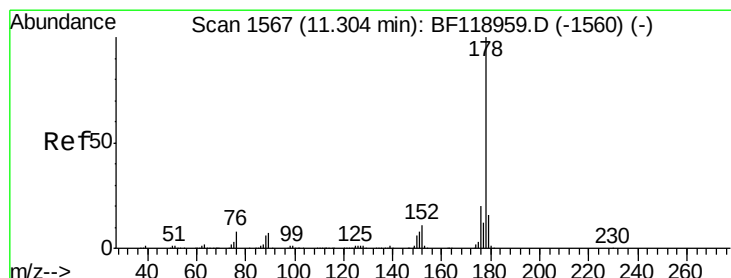
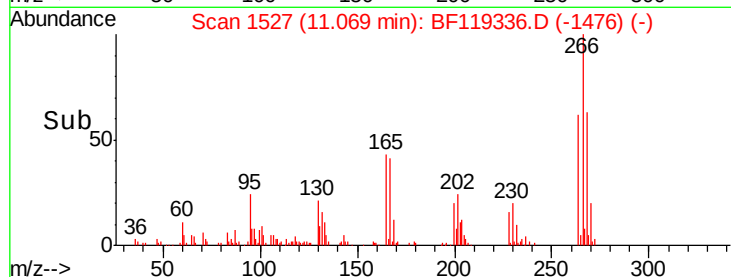
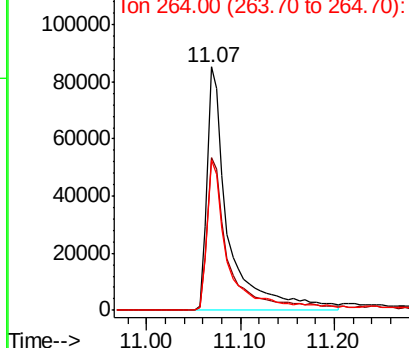
#70
 Pentachlorophenol
 Concen: 72.891 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 136219
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.9 77.9
 264 61.9 51.0 76.4

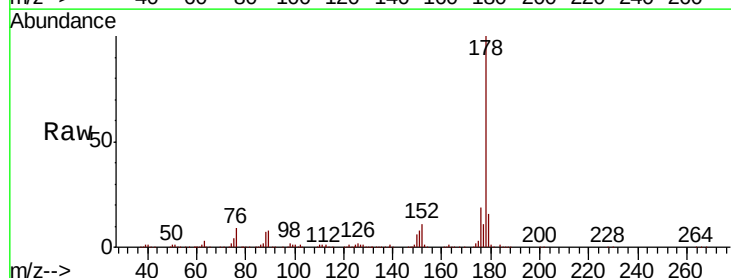


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

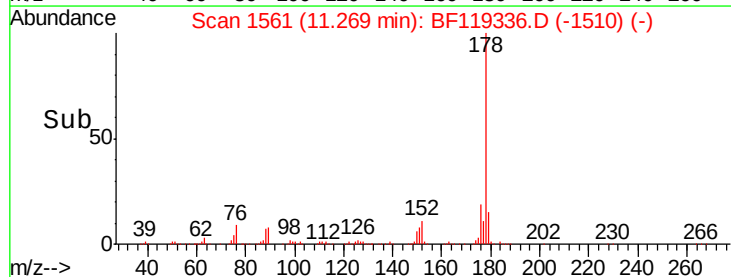
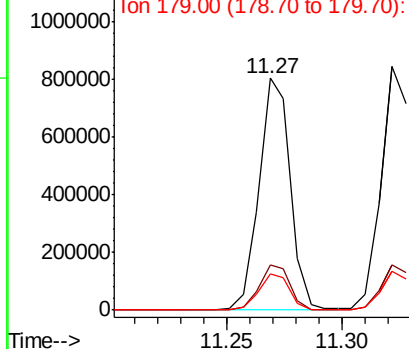


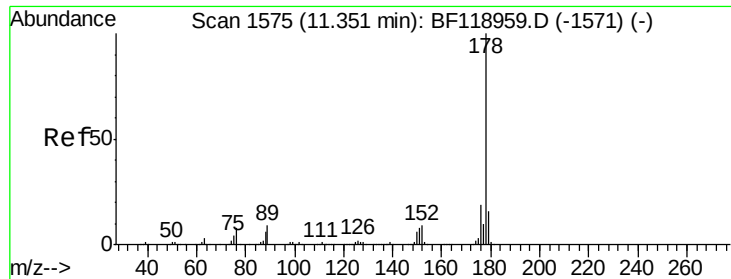
#71
 Phenanthrene
 Concen: 45.226 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion:178 Resp: 759255
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.5 24.7
 179 15.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

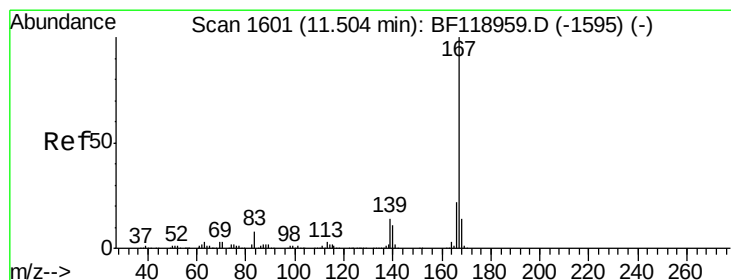
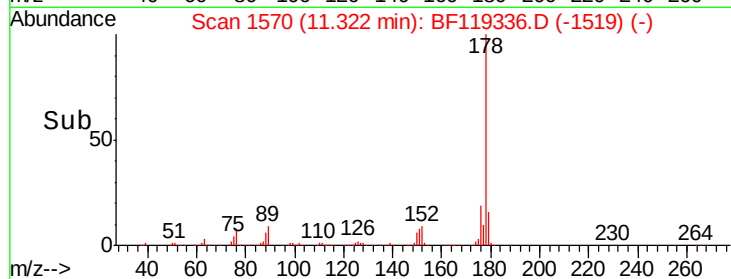
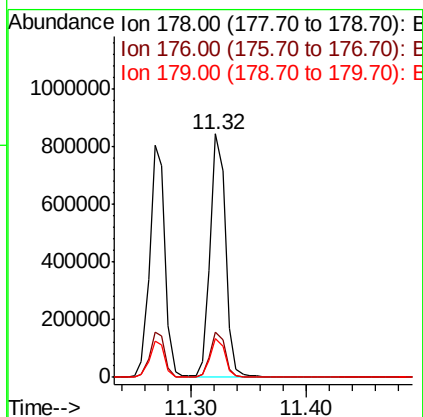
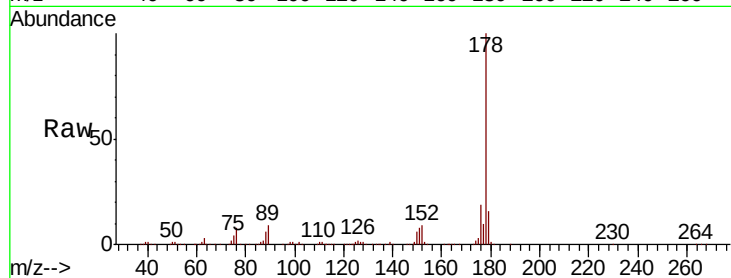




#72
 Anthracene
 Concen: 46.727 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

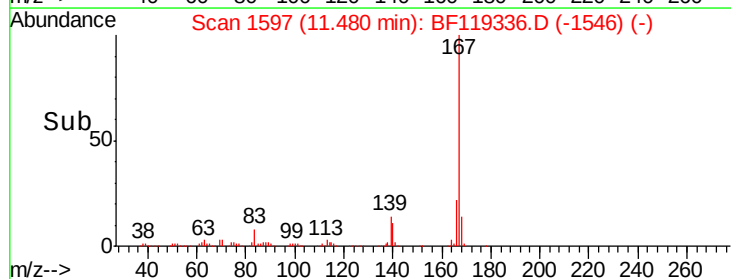
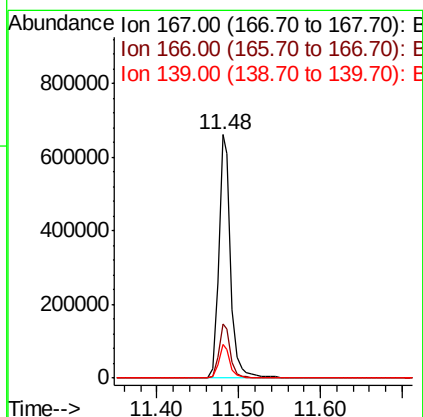
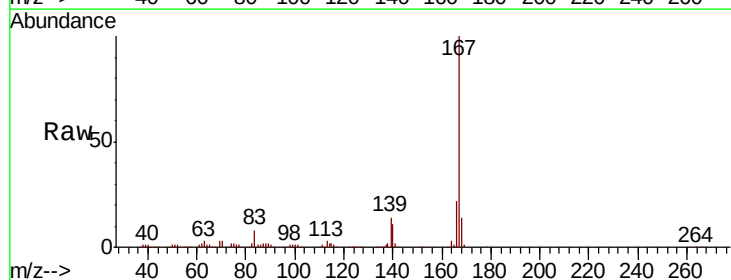
Instrument :
 BNA_F
 ClientSampleId :

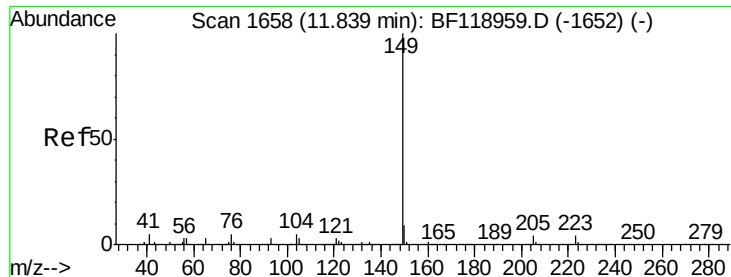
Tot Ion:178 Resp: 783804
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.0 24.0
 179 16.0 13.1 19.7



#73
 Carbazole
 Concen: 44.640 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion:167 Resp: 667077
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 13.9 11.7 17.5





#74

Di-n-butylphthalate

Concen: 54.799 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

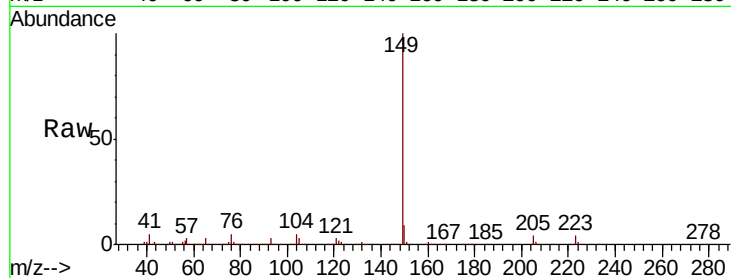
Tot Ion:149 Resp: 991680

Ion Ratio Lower Upper

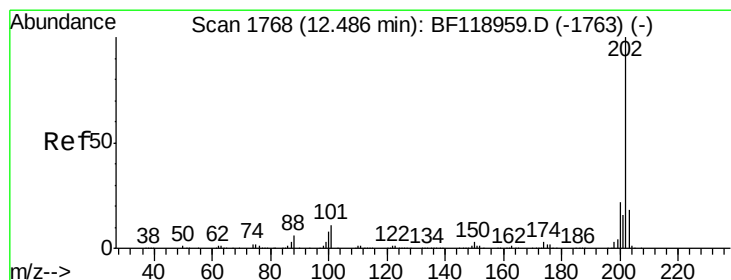
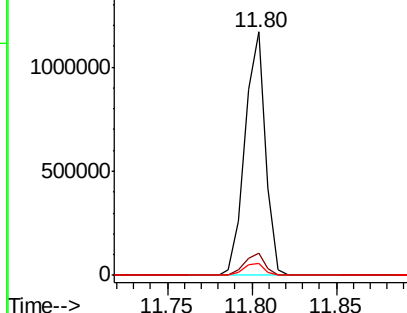
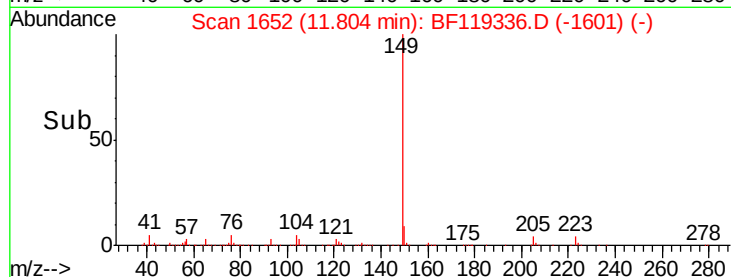
149 100

150 9.3 7.9 11.9

104 5.2 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: 43.806 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

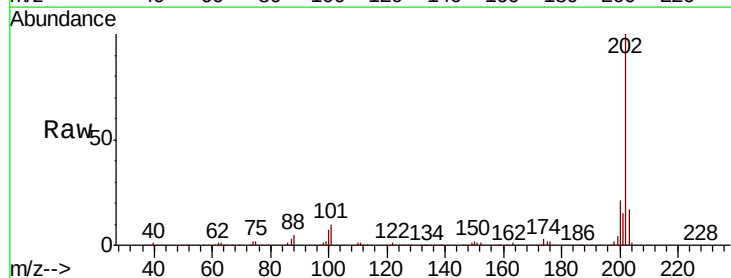
Tgt Ion:202 Resp: 780629

Ion Ratio Lower Upper

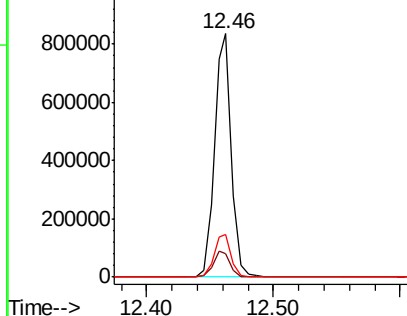
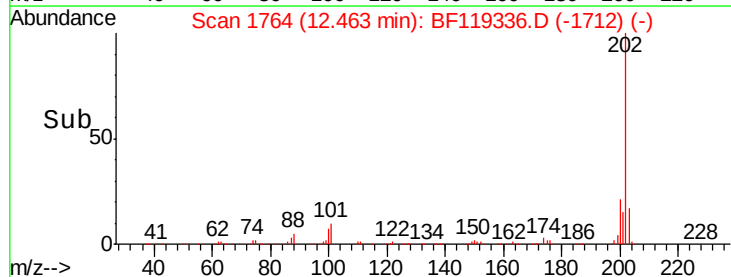
202 100

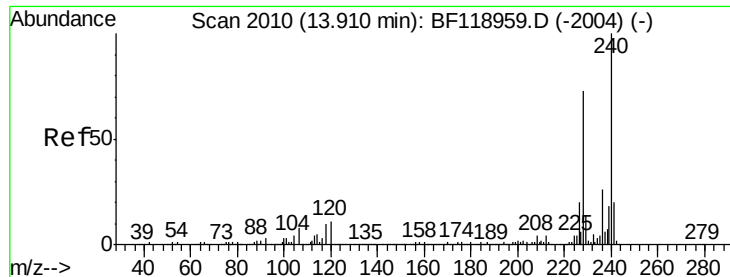
101 9.8 0.0 30.3

203 17.5 0.0 38.4



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

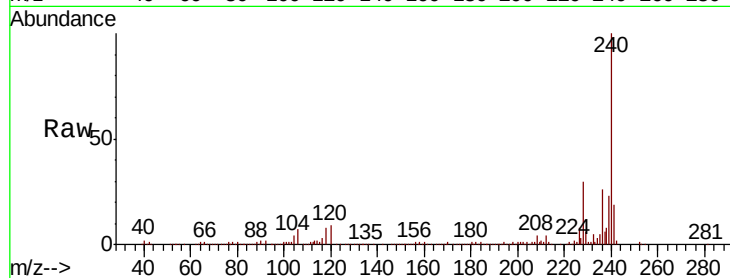




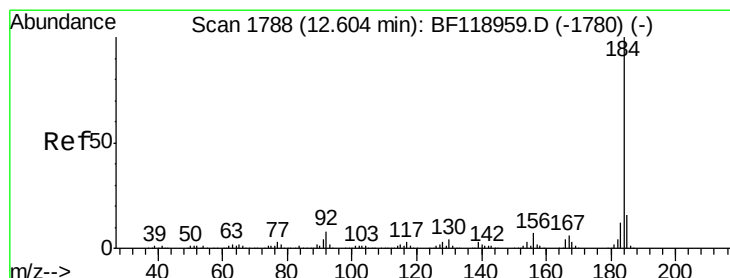
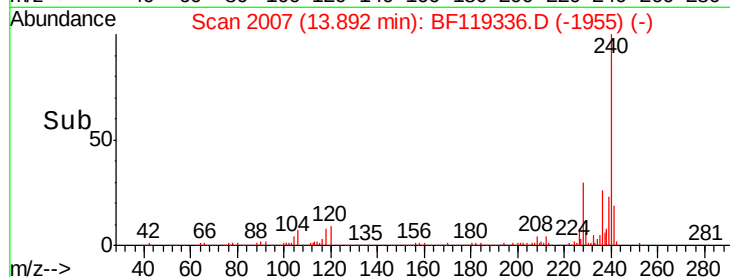
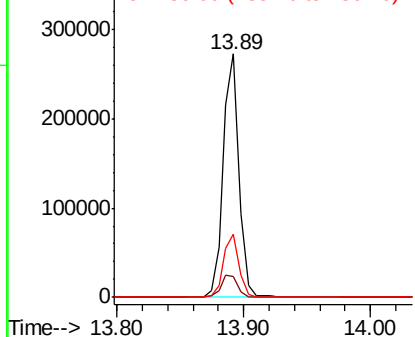
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 236100
 Ion Ratio Lower Upper
 240 100
 120 8.7 8.4 12.6
 236 26.0 21.0 31.4

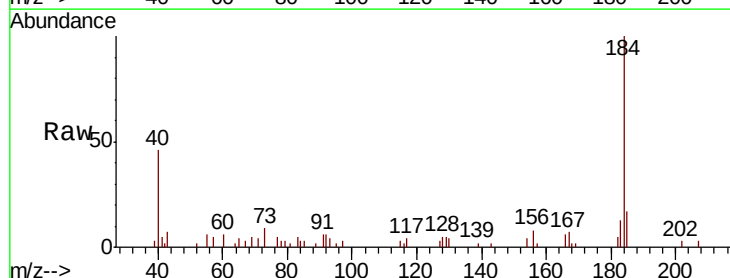


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

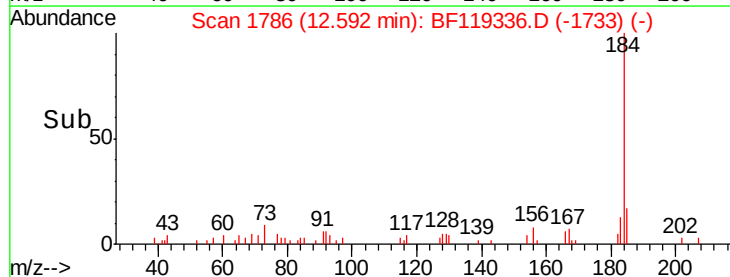
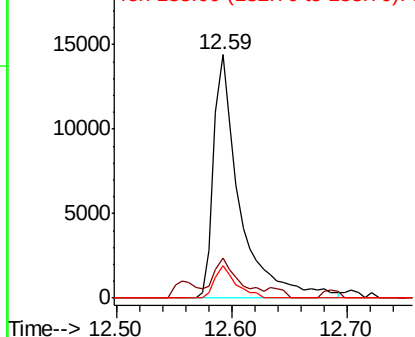


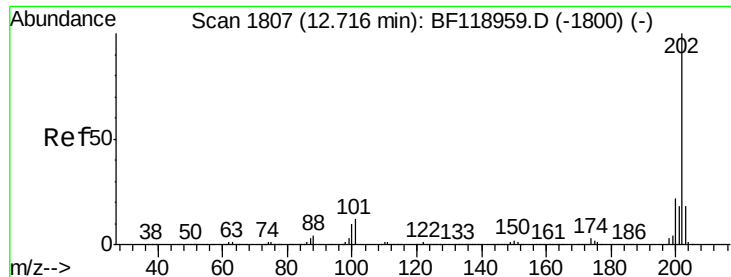
#77
 Benzidine
 Concen: 2.366 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion:184 Resp: 22719
 Ion Ratio Lower Upper
 184 100
 185 16.6 12.2 18.4
 183 13.4 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

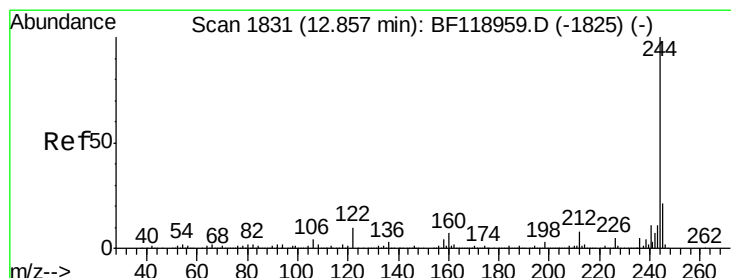
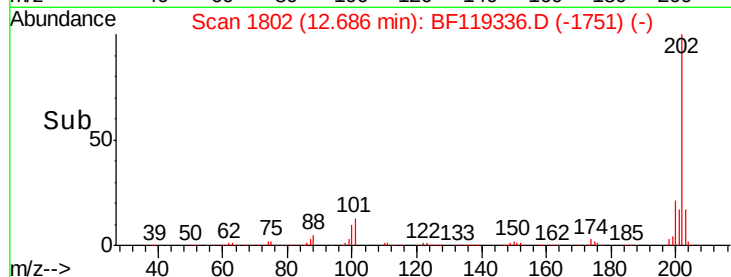
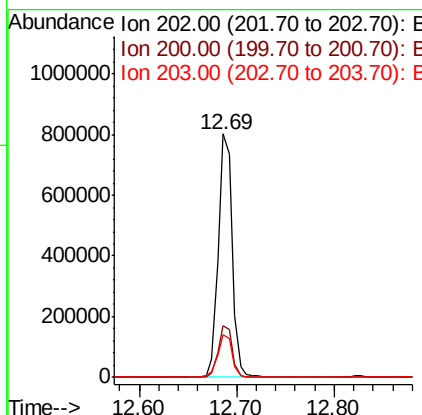
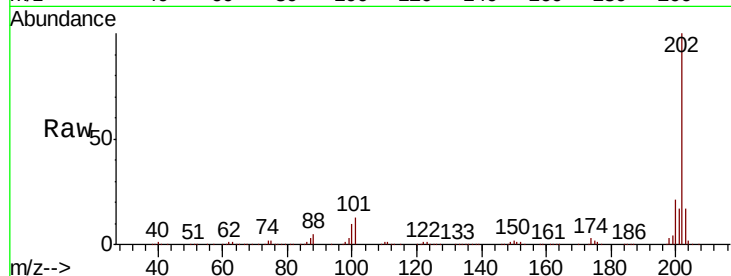




#78
 Pvrene
 Concen: 42.110 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

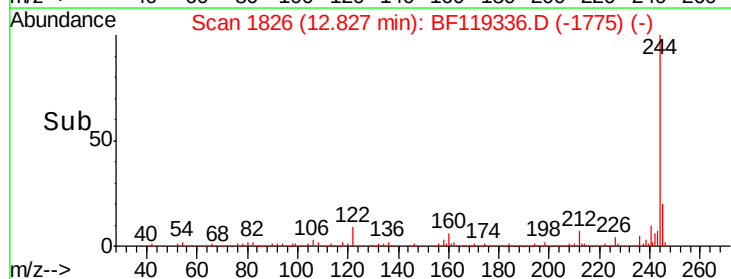
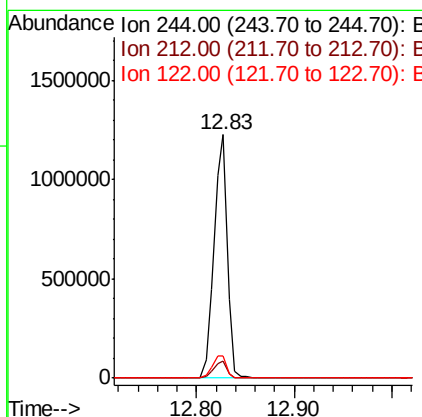
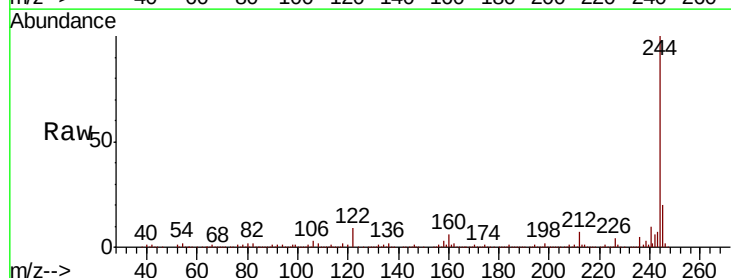
Instrument :
 BNA_F
 ClientSampleId :

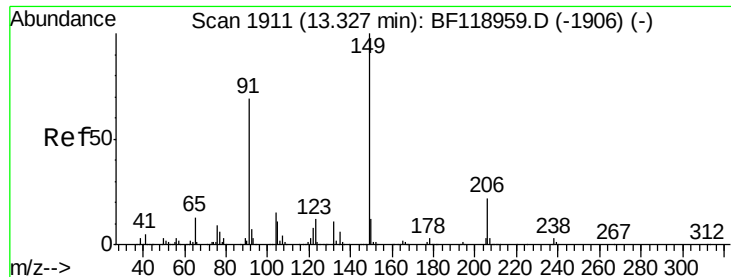
Tot Ion:202 Resp: 798342
 Ion Ratio Lower Upper
 202 100
 200 21.2 18.0 27.0
 203 17.3 14.6 22.0



#79
 Terphenyl-d14
 Concen: 83.841 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion:244 Resp: 1149749
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.6 10.0
 122 9.0 8.2 12.2

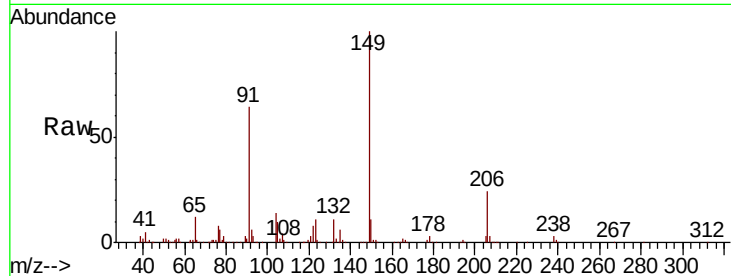




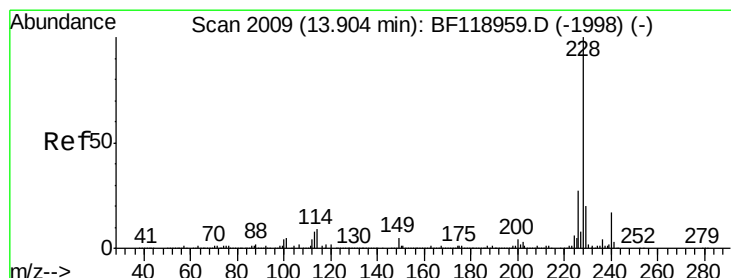
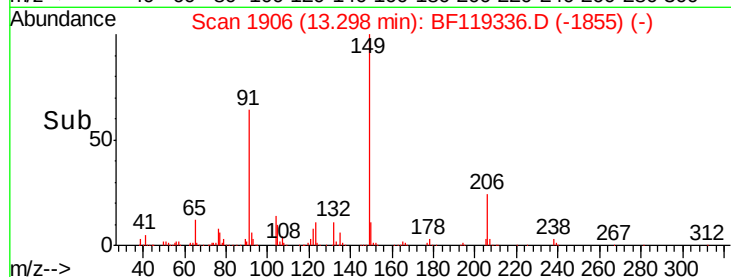
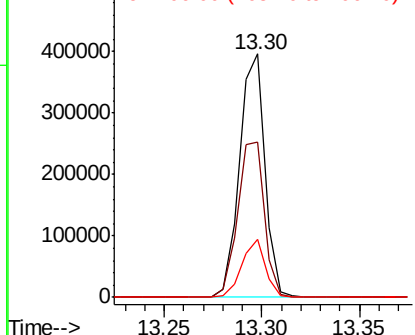
#80
Butylbenzylphthalate
Concen: 44.771 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 357230
Ion Ratio Lower Upper
149 100
91 63.9 52.3 78.5
206 23.6 18.5 27.7

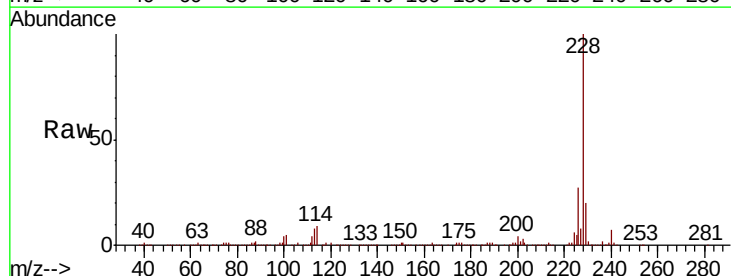


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

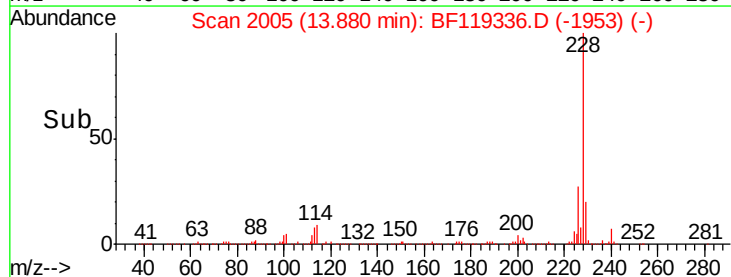
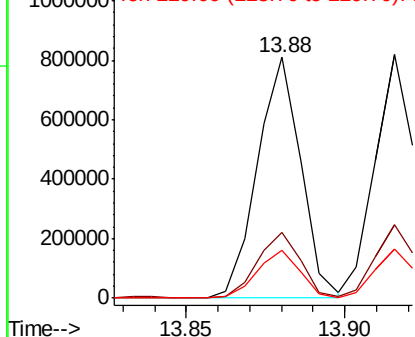


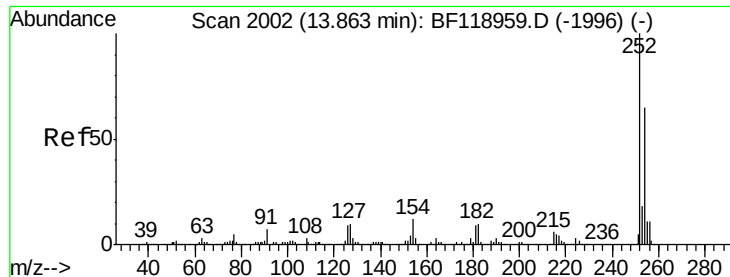
#81
Benzo(a)anthracene
Concen: 47.704 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion:228 Resp: 767416
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.9 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

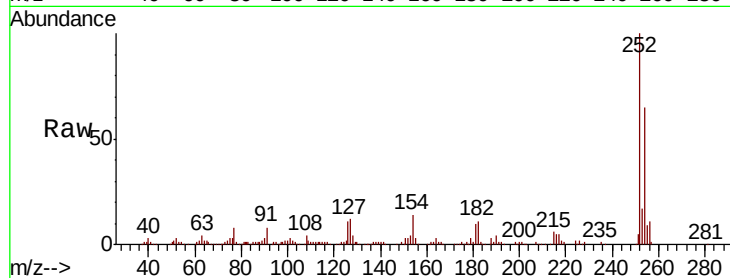




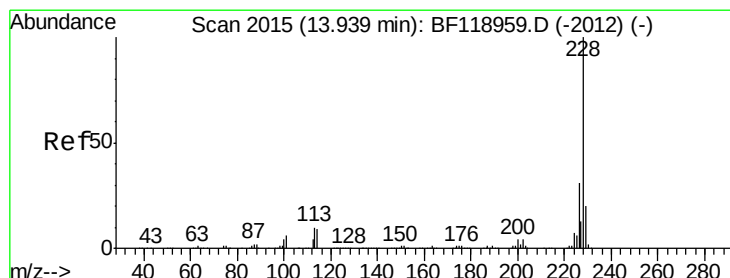
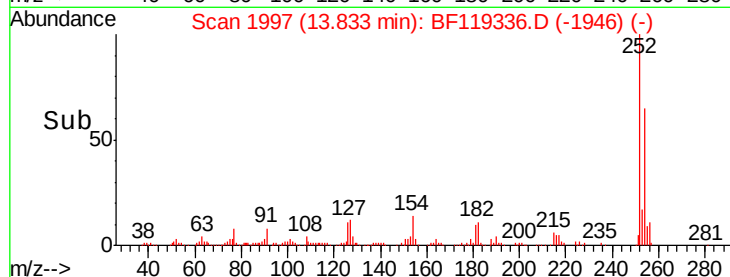
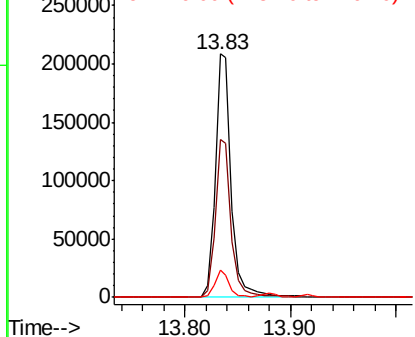
#82
 3,3'-Dichlorobenzidine
 Concen: 35.832 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 223831
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.6 77.4
 126 11.4 7.4 11.0#

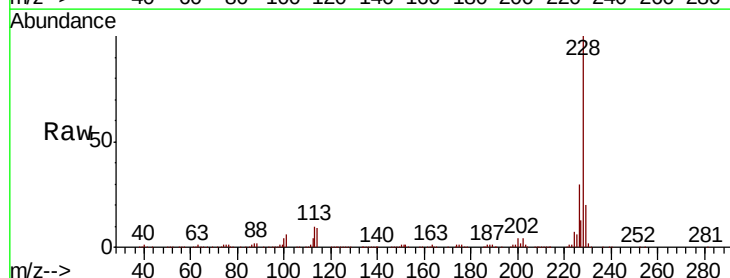


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

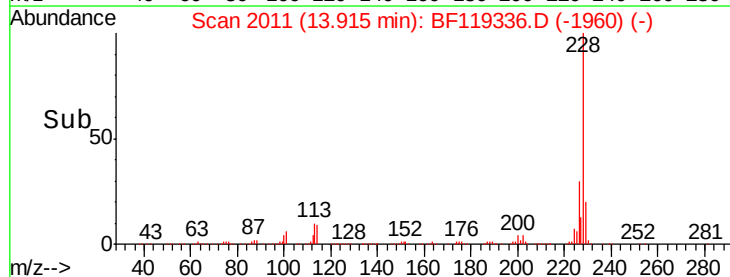
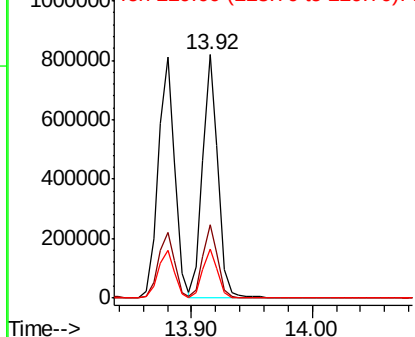


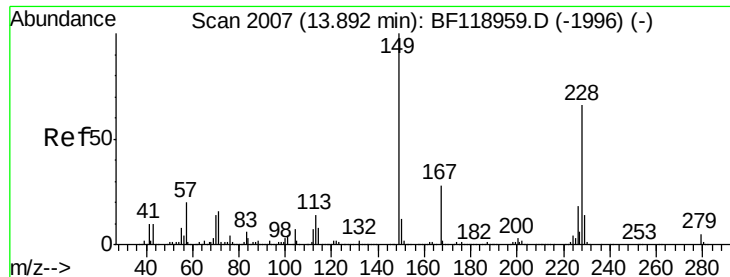
#83
 Chrysene
 Concen: 45.029 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion:228 Resp: 721790
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.1 37.7
 229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 52.069 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

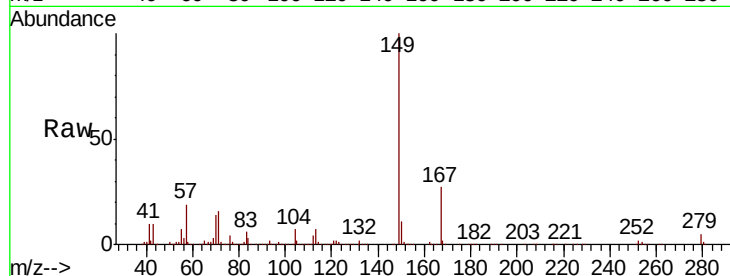
Tot Ion:149 Resp: 524884

Ion Ratio Lower Upper

149 100

167 27.3 22.8 34.2

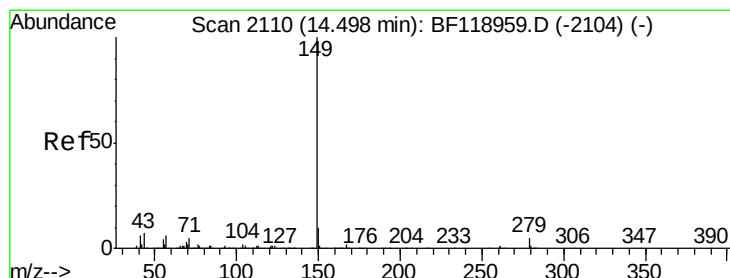
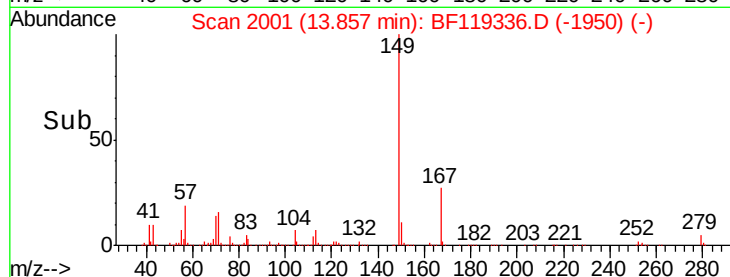
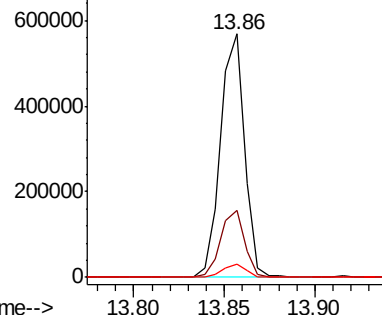
279 5.4 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 54.698 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

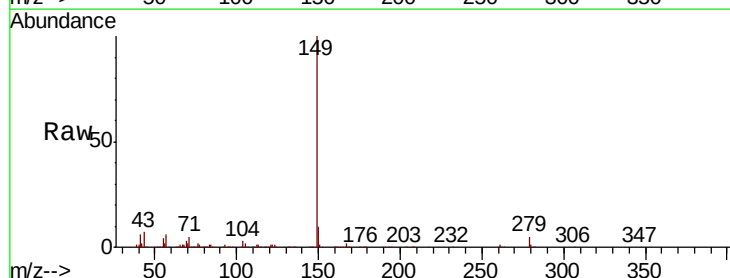
Tgt Ion:149 Resp: 878520

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

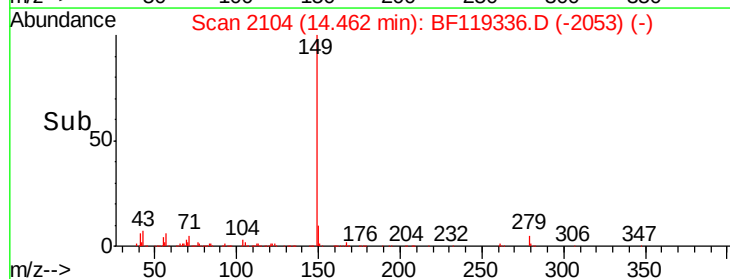
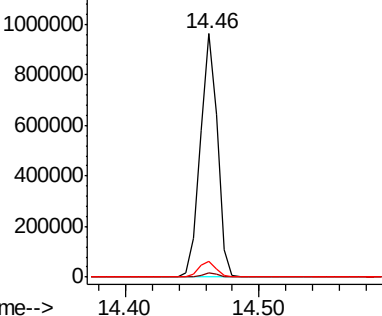
43 6.6 5.7 8.5

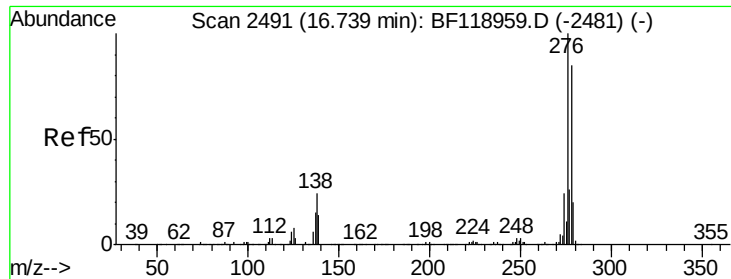


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

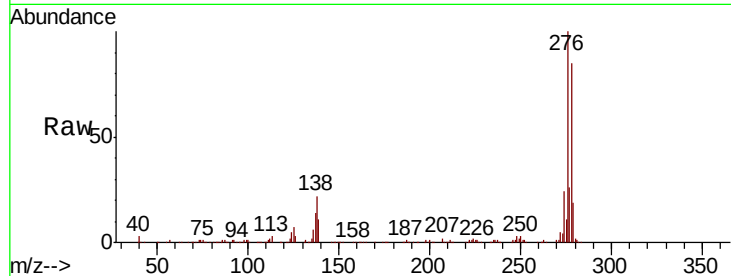




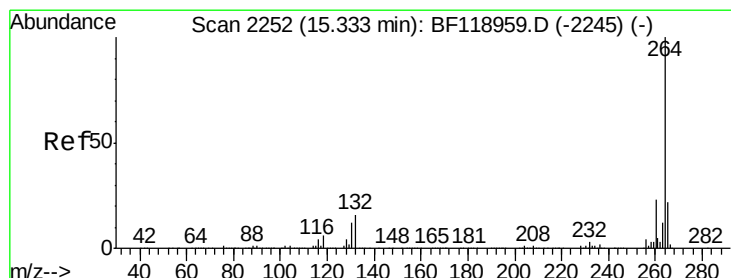
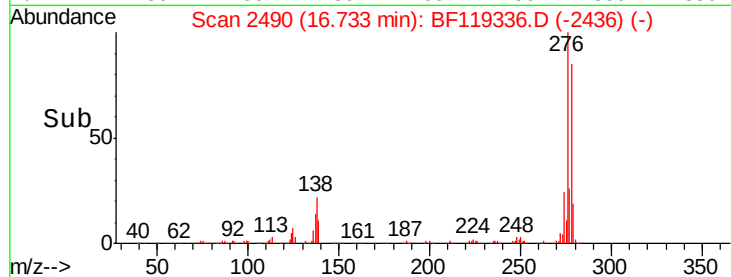
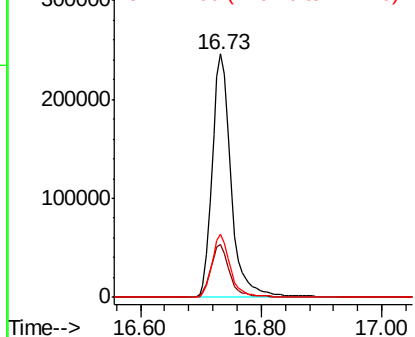
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 34.301 ng
 RT: 16.73 min Scan# 2490
 Delta R.T. 0.02 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.4	26.0
277	25.1	20.3	30.5

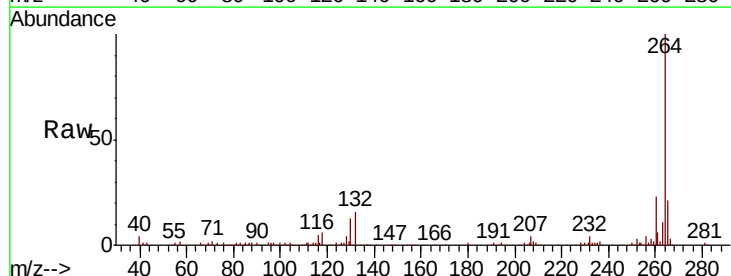


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

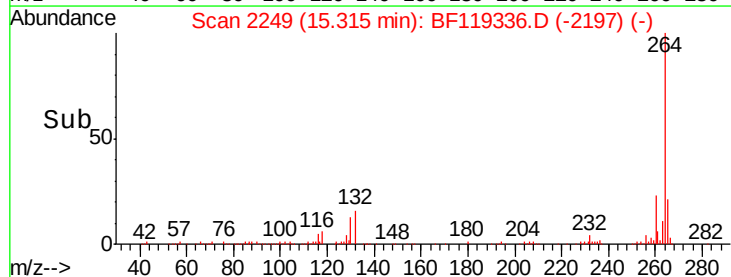
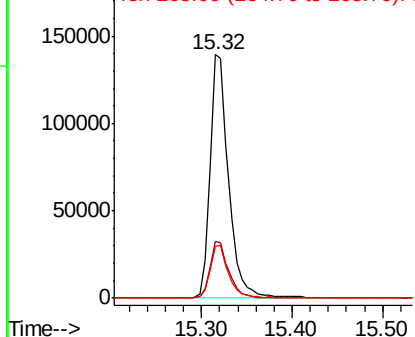


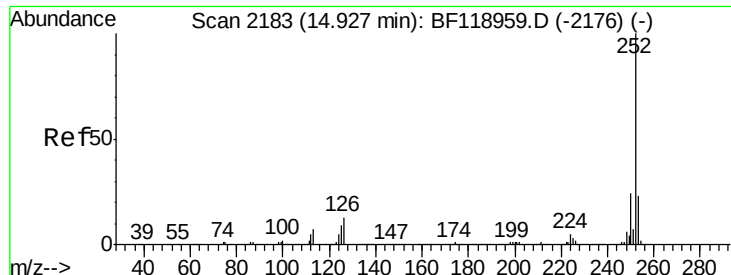
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF119336.D
 Acq: 11 Mar 2020 6:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.4	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

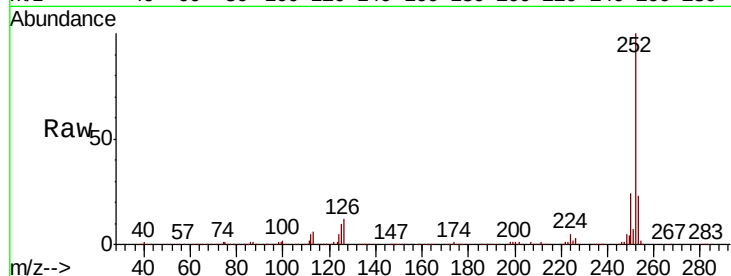




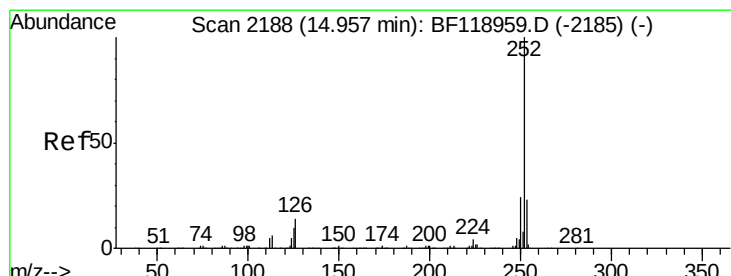
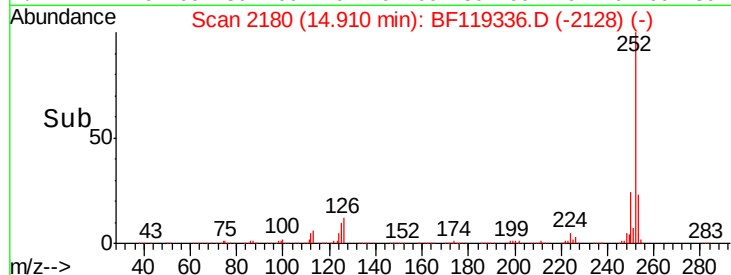
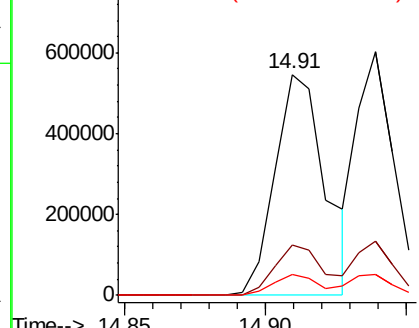
#88
Benzo(b)fluoranthene
Concen: 51.692 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 677471
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 9.5 7.4 11.0

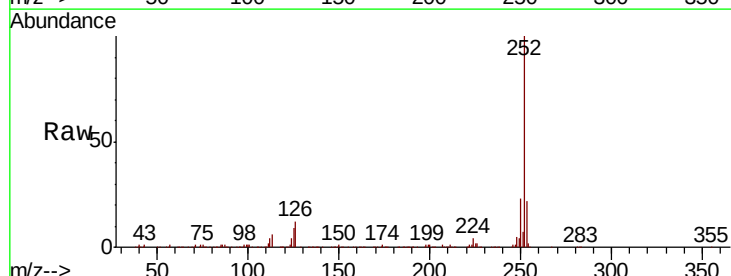


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

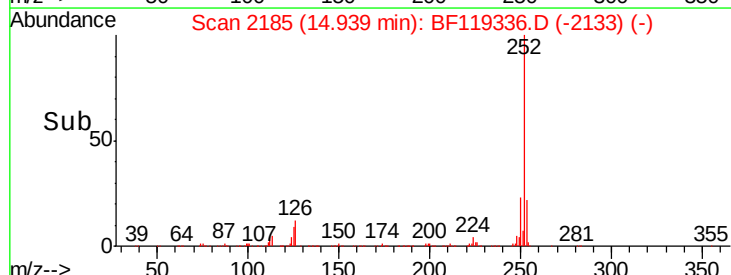
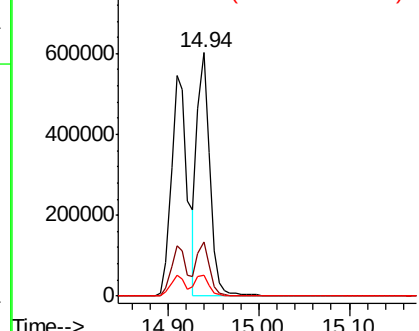


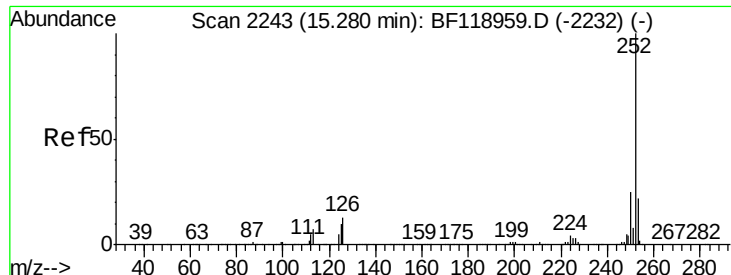
#89
Benzo(k)fluoranthene
Concen: 47.105 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion:252 Resp: 572117
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.7 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

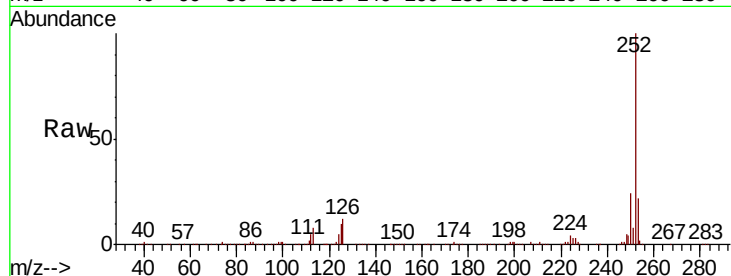




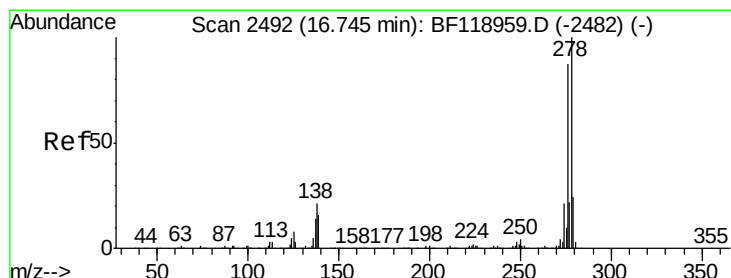
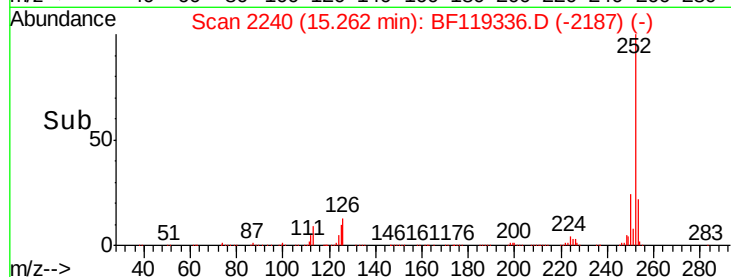
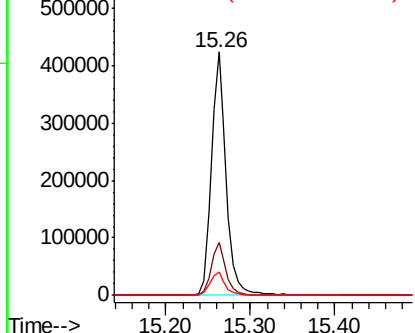
#90
Benzo(a)pyrene
Concen: 44.070 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 521281
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.5 8.6 12.8

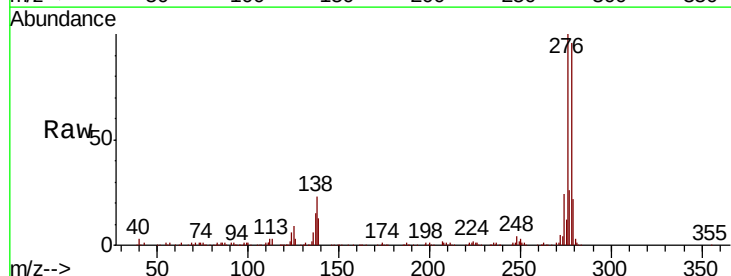


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

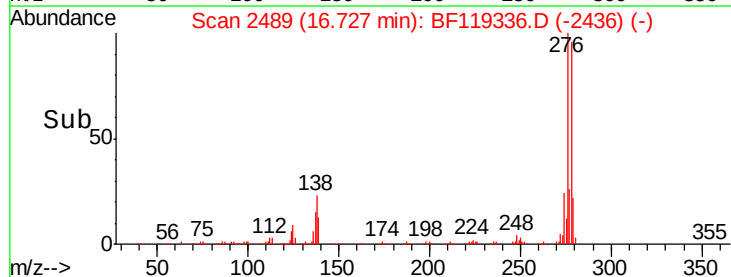
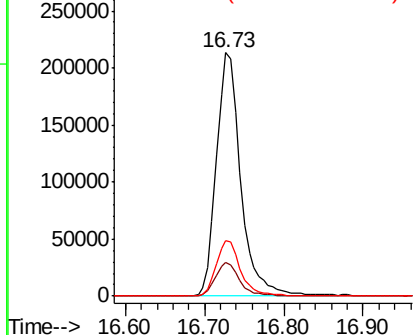


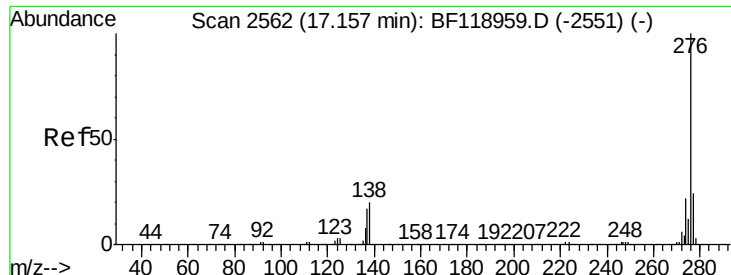
#91
Dibenzo(a,h)anthracene
Concen: 43.980 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119336.D
Acq: 11 Mar 2020 6:00

Tgt Ion:278 Resp: 457730
Ion Ratio Lower Upper
278 100
139 13.8 11.0 16.4
279 22.8 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(a,h,i)perylene

Concen: 42.216 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.02 min

Lab File: BF119336.D

Acq: 11 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

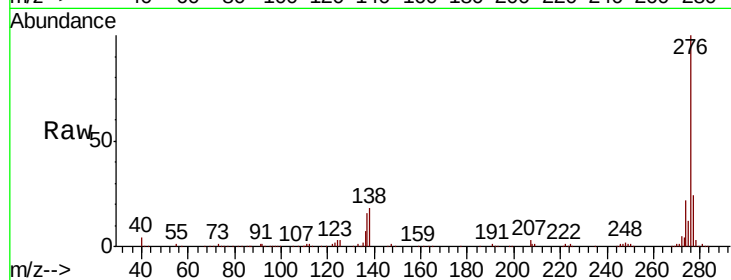
Tot Ion:276 Resp: 434122

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 17.9 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

