

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119332.D
 Acq On : 11 Mar 2020 1:22
 Operator : CG/JU
 Sample : PB127427BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 07:42:05 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	6.72	152	112061	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	407496	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	199345	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	304810	20.00	ng	0.00
76) Chrysene-d12	13.89	240	243971	20.00	ng	0.00
87) Perylene-d12	15.32	264	218040	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	349034	52.05	ng	0.01
7) Phenol-d6	6.39	99	250220	30.68	ng	0.00
23) Nitrobenzene-d5	7.30	82	675698	87.55	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	265318	101.74	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1238400	91.52	ng	0.00
79) Terphenyl-d14	12.83	244	1213378	85.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	44191	14.802	ng	# 96
3) Pyridine	3.20	79	67918	8.330	ng	97
4) n-Nitrosodimethylamine	3.10	42	34682	14.042	ng	94
6) Aniline	6.39	93	148765	14.784	ng	# 57
8) 2-Chlorophenol	6.52	128	275830	38.116	ng	99
9) Benzaldehyde	6.28	77	275290	50.525	ng	99
10) Phenol	6.40	94	108532	12.309	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	315354	46.744	ng	97
12) 1,3-Dichlorobenzene	6.66	146	342468	39.485	ng	96
13) 1,4-Dichlorobenzene	6.74	146	350628	40.398	ng	100
14) 1,2-Dichlorobenzene	6.90	146	325536	41.126	ng	97
15) Benzyl Alcohol	6.88	79	162861	27.632	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	259923	44.476	ng	67
17) 2-Methylphenol	7.01	107	173128	29.509	ng	# 91
18) Hexachloroethane	7.23	117	100145	32.251	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	246962	51.970	ng	97
20) 3+4-Methylphenols	7.16	107	201323	28.008	ng	# 81
22) Acetophenone	7.14	105	483087	51.237	ng	95
24) Nitrobenzene	7.32	77	360762	47.269	ng	98
25) Isophorone	7.55	82	648781	48.404	ng	98
26) 2-Nitrophenol	7.63	139	158017	39.076	ng	99
27) 2,4-Dimethylphenol	7.68	122	224128	40.838	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	396416	45.439	ng	97
29) 2,4-Dichlorophenol	7.89	162	267003	41.326	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	302001	39.424	ng	99
31) Naphthalene	8.03	128	912280	43.168	ng	99
32) Benzoic acid	7.81	122	9594	8.742	ng	95
33) 4-Chloroaniline	8.09	127	149711	16.471	ng	99
34) Hexachlorobutadiene	8.15	225	179379	37.593	ng	97
35) Caprolactam	8.46	113	9703	4.877	ng	97
36) 4-Chloro-3-methylphenol	8.58	107	249941	38.225	ng	97
37) 2-Methylnaphthalene	8.72	142	621419	43.694	ng	98
38) 1-Methylnaphthalene	8.82	142	576891	43.131	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	309830	46.098	ng	99

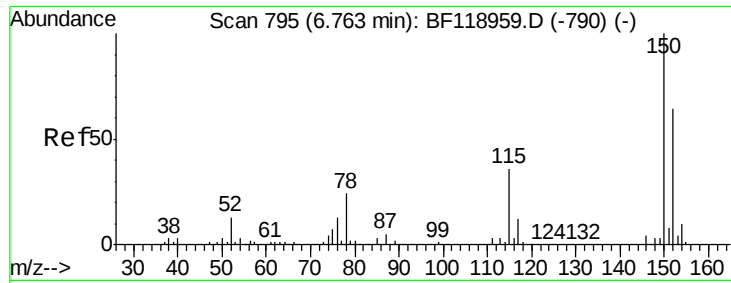
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	3247	10.566	nq	95
43) 2,4,6-Trichlorophenol	9.01	196	186108	43.849	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	180349	40.493	nq	97
46) 1,1'-Biphenyl	9.19	154	756637	46.964	nq	98
47) 2-Chloronaphthalene	9.21	162	582609	44.874	nq	99
48) 2-Nitroaniline	9.32	65	170521	47.089	nq	96
49) Acenaphthylene	9.62	152	846134	45.123	nq	99
50) Dimethylphthalate	9.49	163	788298	51.714	nq	99
51) 2,6-Dinitrotoluene	9.56	165	146254	43.185	nq #	83
52) Acenaphthene	9.79	154	505784	44.732	nq	99
53) 3-Nitroaniline	9.73	138	98685	26.284	nq	93
54) 2,4-Dinitrophenol	9.88	184	12575	14.401	nq	92
55) Dibenzofuran	9.97	168	748845	44.372	nq	98
56) 4-Nitrophenol	9.97	139	336813	149.310	nq #	14
57) 2,4-Dinitrotoluene	9.97	165	166889	38.018	nq #	87
58) Fluorene	10.31	166	588362	44.865	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	144815	38.534	nq	96
60) Diethylphthalate	10.18	149	711456	49.526	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	324387	46.732	nq	97
62) 4-Nitroaniline	10.35	138	121361	31.594	nq	95
63) Azobenzene	10.46	77	573667	45.943	nq	94
65) 4,6-Dinitro-2-methylphenol	10.39	198	14957	8.109	nq	94
66) n-Nitrosodiphenylamine	10.42	169	520006	52.102	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	195725	49.125	nq	97
68) Hexachlorobenzene	10.86	284	211967	46.144	nq	96
69) Atrazine	10.95	200	170817	48.985	nq	97
70) Pentachlorophenol	11.07	266	116553	62.987	nq	97
71) Phenanthrene	11.27	178	783664	47.144	nq	97
72) Anthracene	11.32	178	820471	49.399	nq	98
73) Carbazole	11.48	167	694283	46.922	nq	98
74) Di-n-butylphthalate	11.80	149	972941	54.297	nq	98
75) Fluoranthene	12.46	202	832367	47.174	nq	98
77) Benzidine	12.58	184	261352	26.340	nq	99
78) Pyrene	12.69	202	843533	43.058	nq	99
80) Butylbenzylphthalate	13.30	149	380071	46.096	nq	99
81) Benzo(a)anthracene	13.88	228	821711	49.431	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	300923	46.619	nq #	99
83) Chrysene	13.92	228	769476	46.455	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	552711	53.061	nq	99
85) Di-n-octyl phthalate	14.46	149	944043	56.881	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	603806	37.648	nq	100
88) Benzo(b)fluoranthene	14.91	252	742076	51.633	nq	100
89) Benzo(k)fluoranthene	14.94	252	637288	47.849	nq	99
90) Benzo(a)pyrene	15.26	252	581432	44.825	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	518796	45.456	nq	98
92) Benzo(g,h,i)perylene	17.16	276	496747	44.051	nq	98

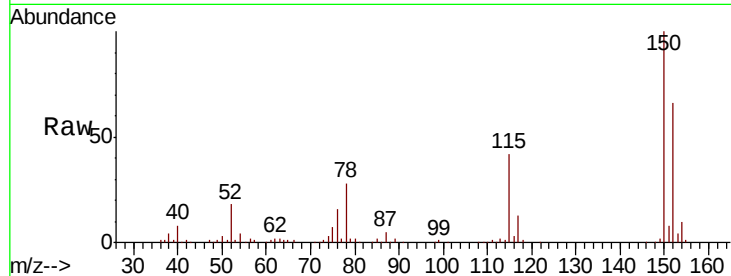
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.0	184.6
115	63.8	49.5	74.3

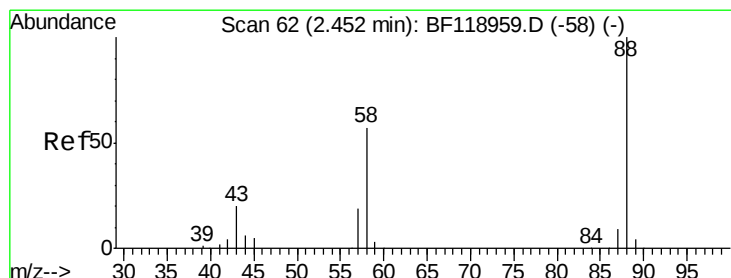
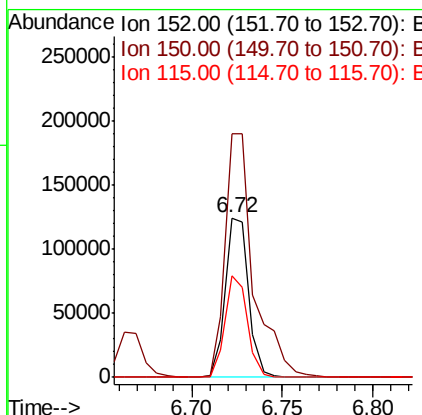
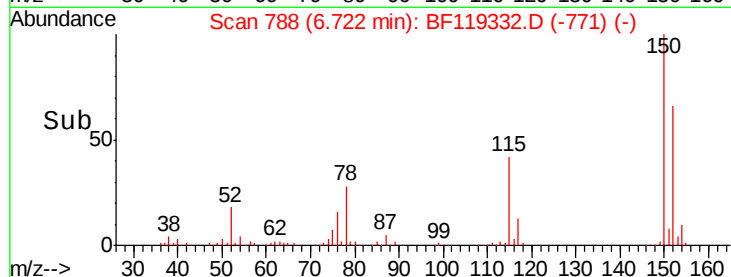


Abundance

Ion 152.00 (151.70 to 152.70): E

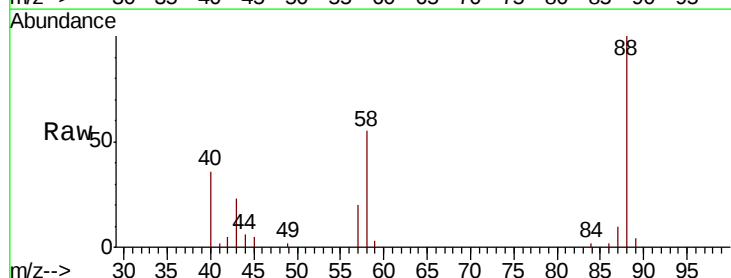
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 14.802 ng
 RT: 2.42 min Scan# 57
 Delta R.T. 0.04 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.2	43.8	65.6
43	25.3	16.2	24.4

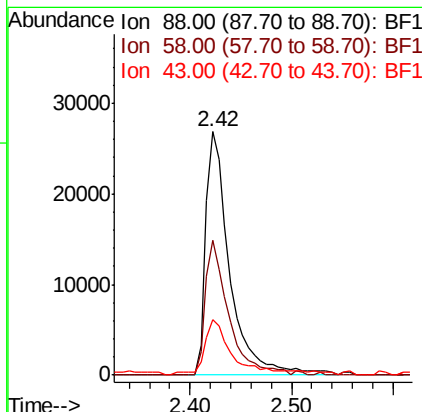
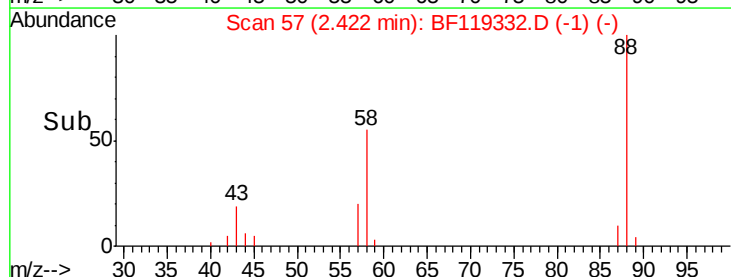


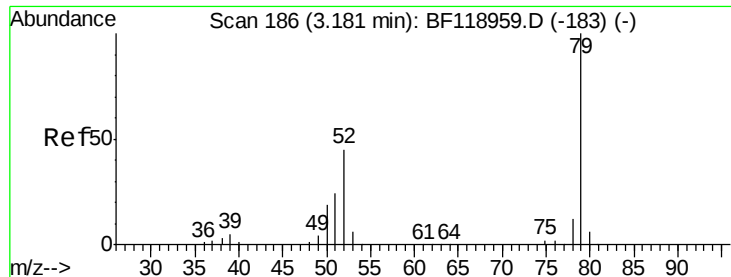
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

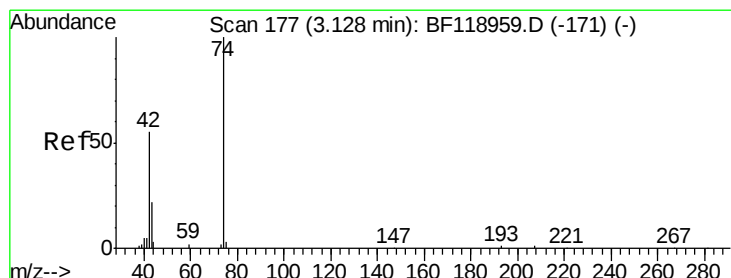
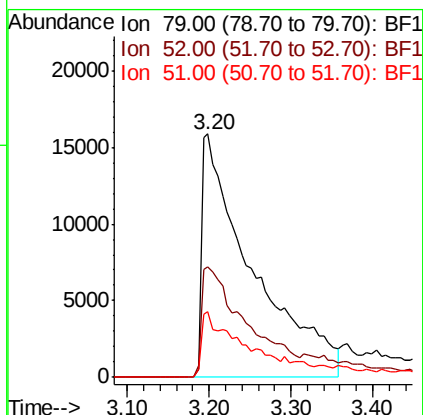
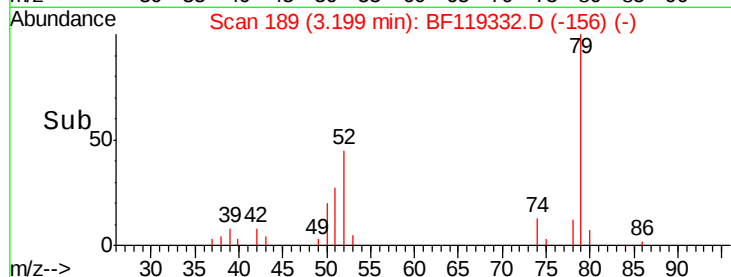
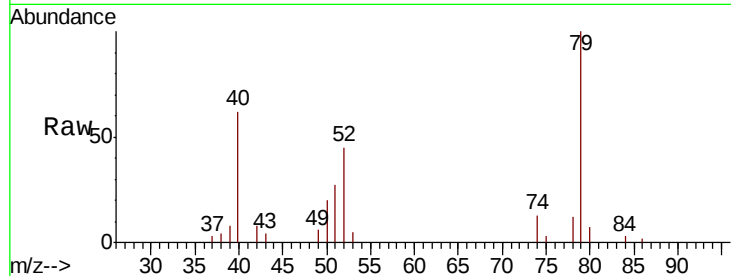




#3
 Pvridine
 Concen: 8.330 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.09 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

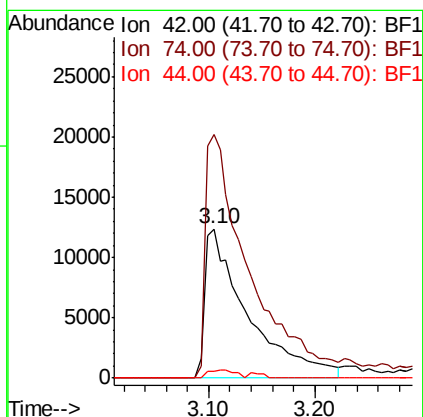
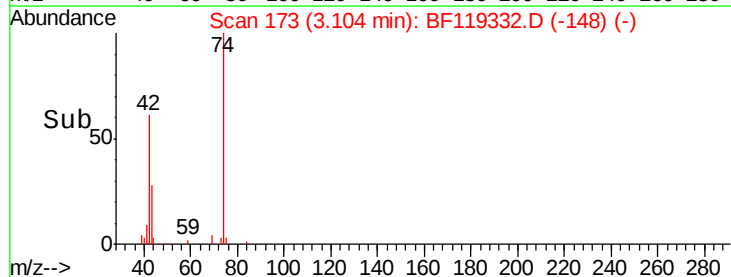
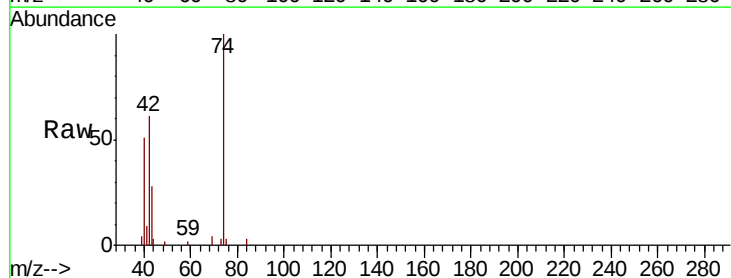
Instrument :
 BNA_F
 ClientSampleId :

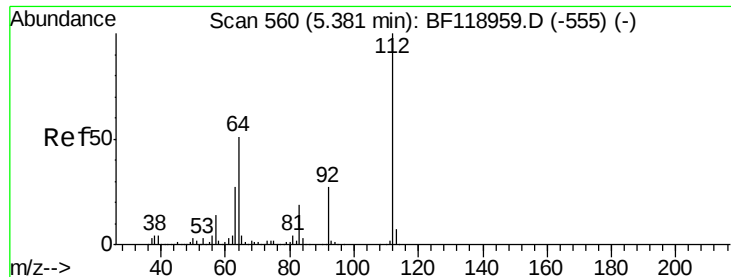
Tot Ion: 79 Resp: 67918
 Ion Ratio Lower Upper
 79 100
 52 45.4 37.4 56.0
 51 27.2 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 14.042 ng
 RT: 3.10 min Scan# 173
 Delta R.T. 0.05 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion: 42 Resp: 34682
 Ion Ratio Lower Upper
 42 100
 74 163.1 137.7 206.5
 44 5.0 4.5 6.7





#5

2-Fluorophenol

Concen: 52.052 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

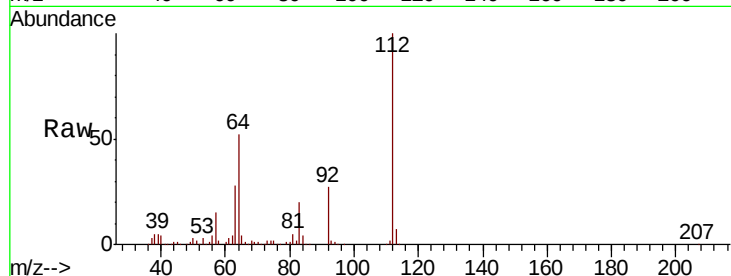
Tot Ion:112 Resp: 349034

Ion Ratio Lower Upper

112 100

64 52.1 45.0 67.4

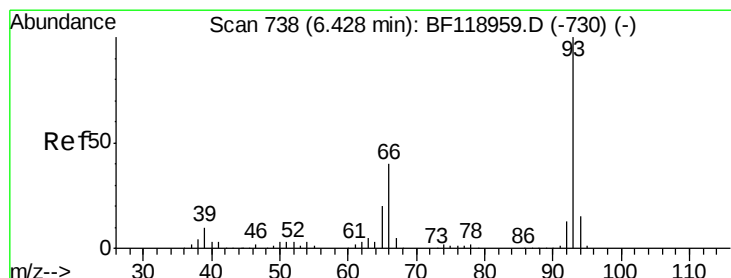
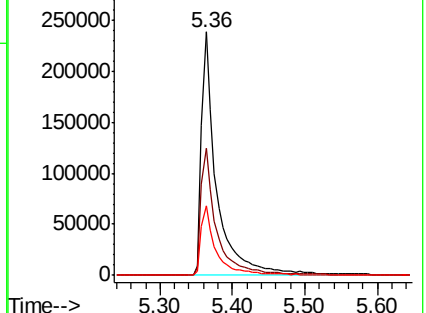
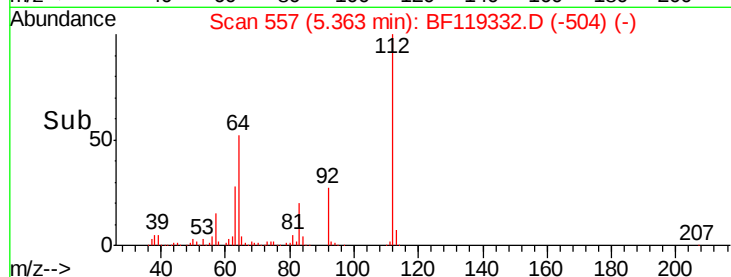
63 28.3 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.784 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

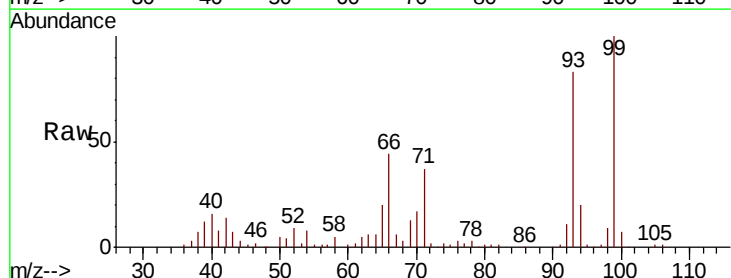
Tgt Ion: 93 Resp: 148765

Ion Ratio Lower Upper

93 100

66 52.6 74.5 111.7#

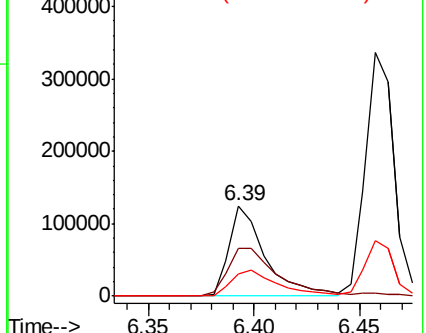
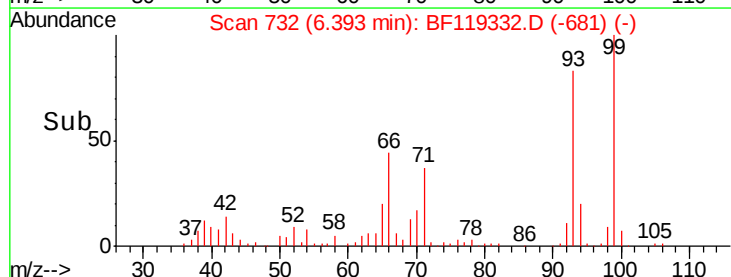
65 24.6 45.3 67.9#

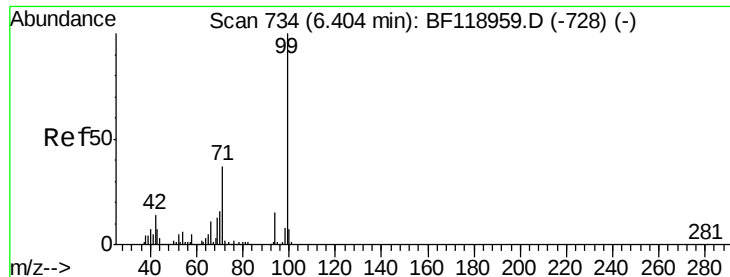


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 30.682 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampled :

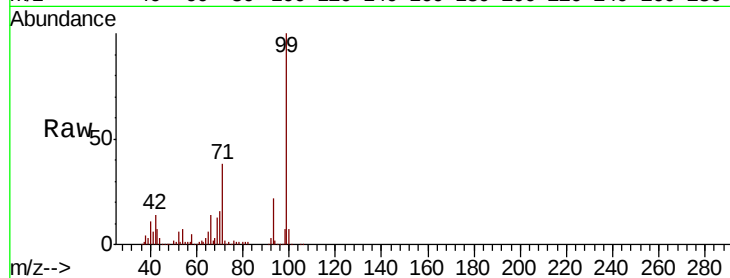
Tot Ion: 99 Resp: 250220

Ion Ratio Lower Upper

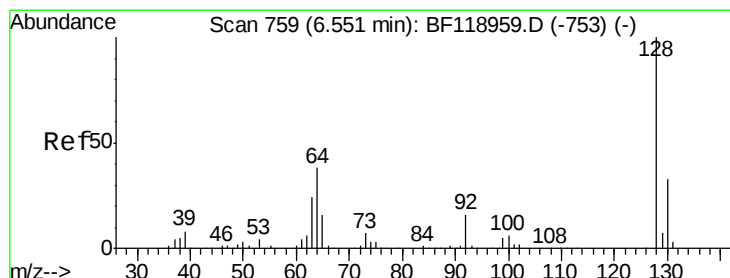
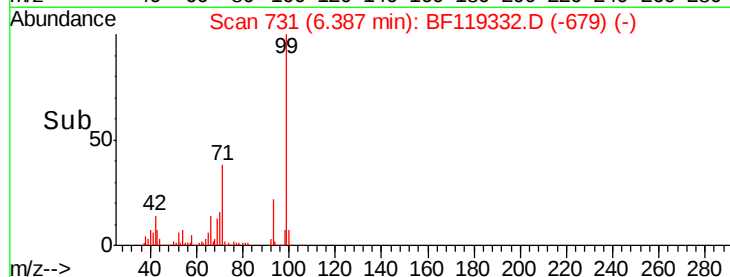
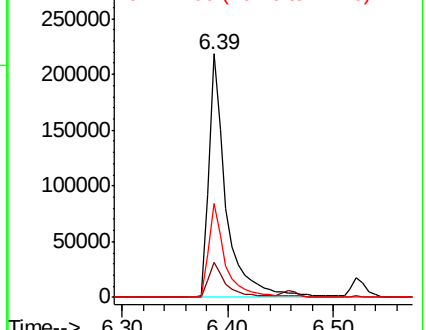
99 100

42 14.3 12.6 18.8

71 38.4 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: 38.116 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

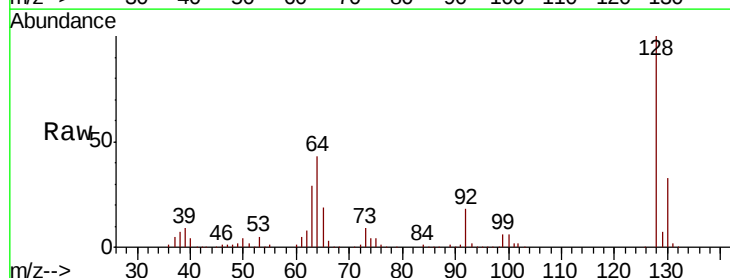
Tgt Ion: 128 Resp: 275830

Ion Ratio Lower Upper

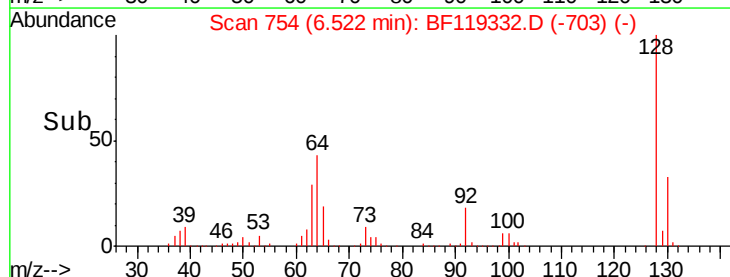
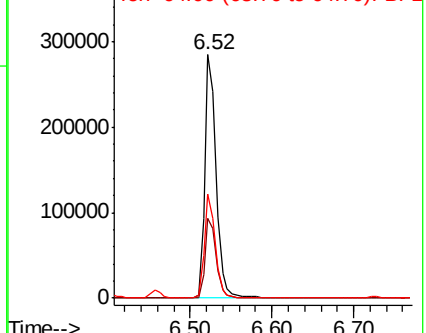
128 100

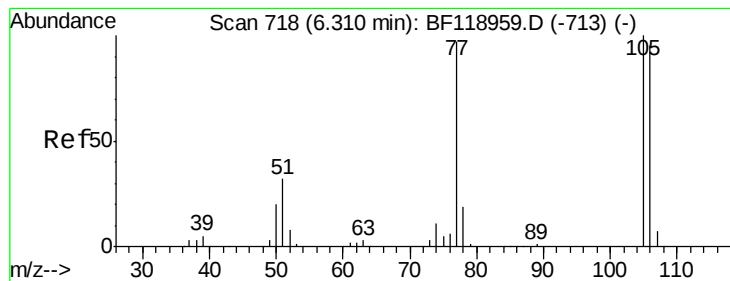
130 32.7 12.7 52.7

64 43.0 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: 50.525 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

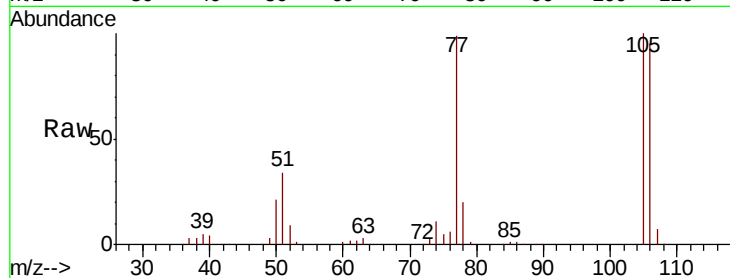
Tot Ion: 77 Resp: 275290

Ion Ratio Lower Upper

77 100

105 101.0 80.1 120.1

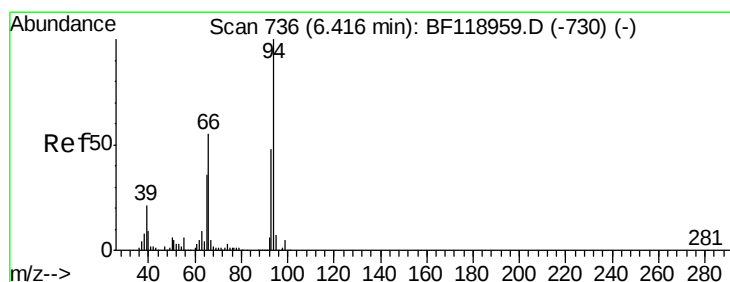
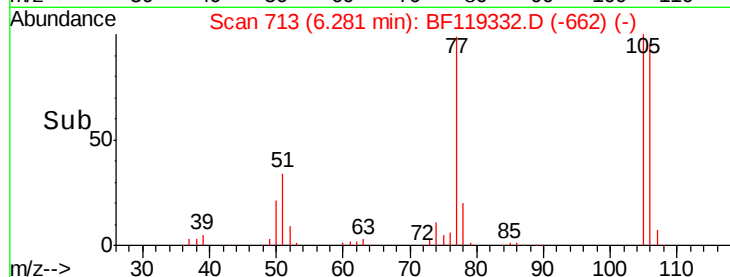
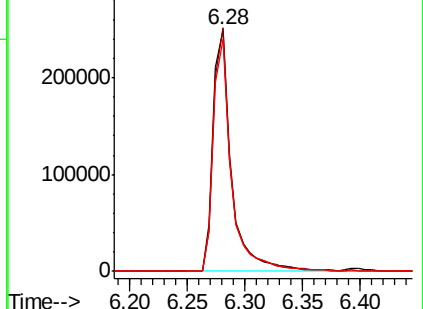
106 96.2 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 12.309 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

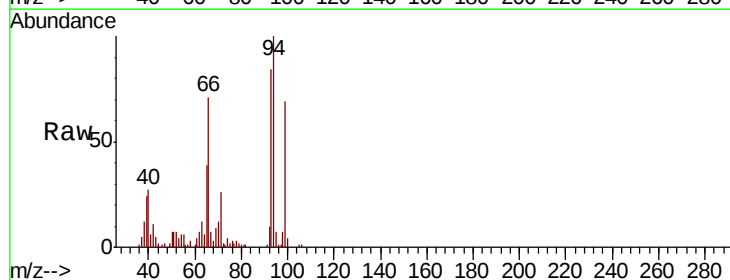
Tgt Ion: 94 Resp: 108532

Ion Ratio Lower Upper

94 100

65 39.0 19.2 59.2

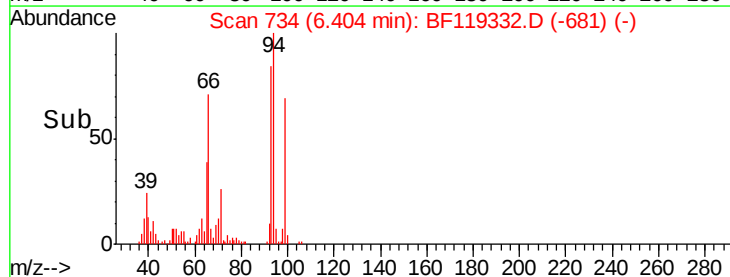
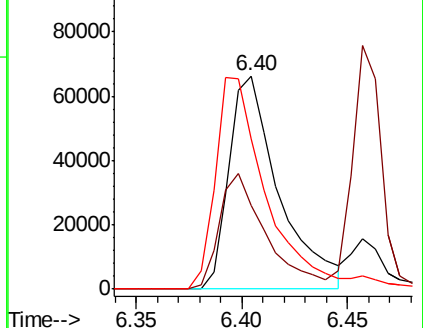
66 70.5 44.4 84.4

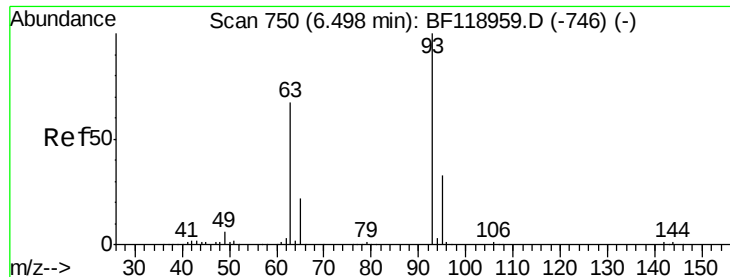


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

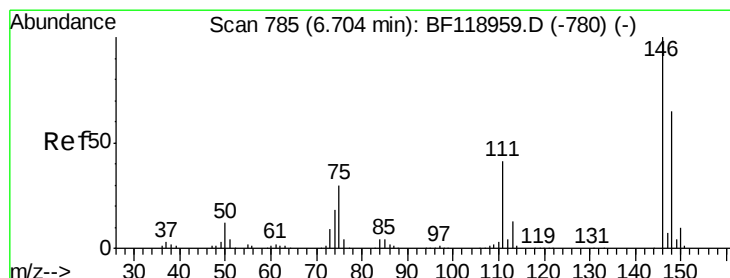
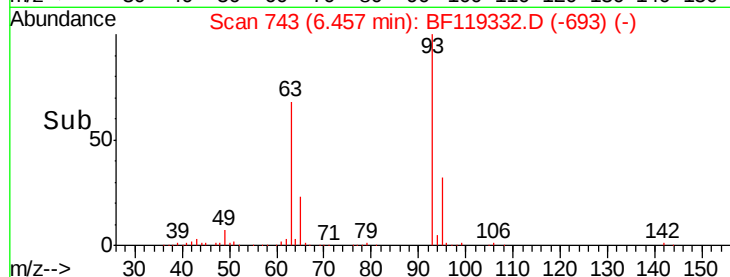
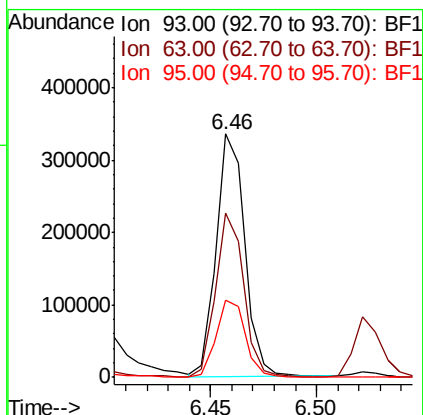
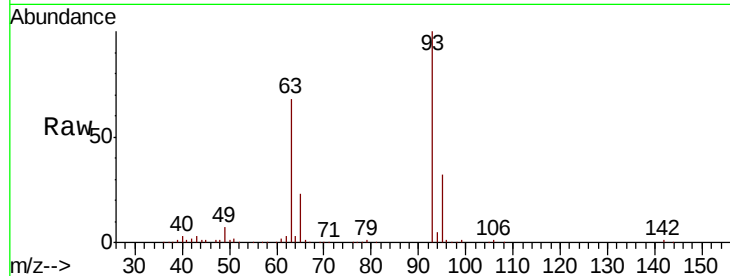




#11
bis(2-Chloroethyl)ether
Concen: 46.744 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

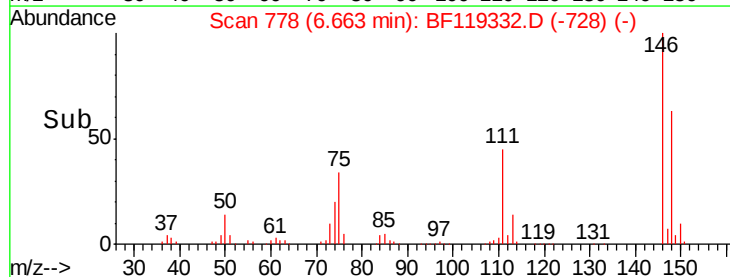
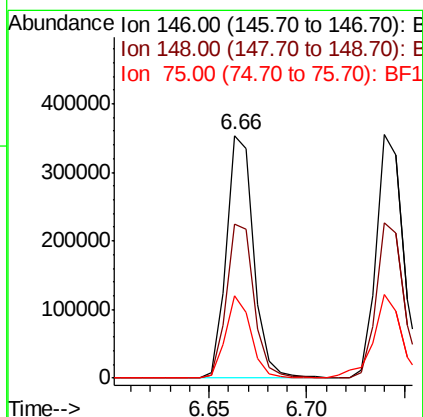
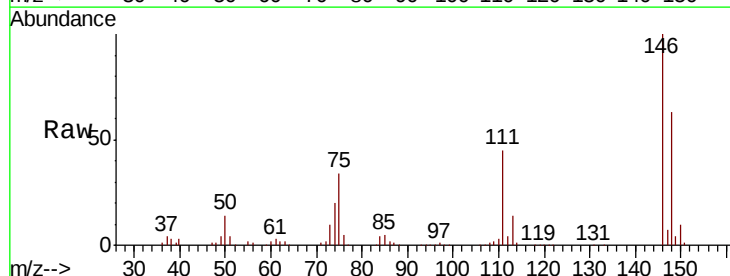
Instrument :
BNA_F
ClientSampleId :

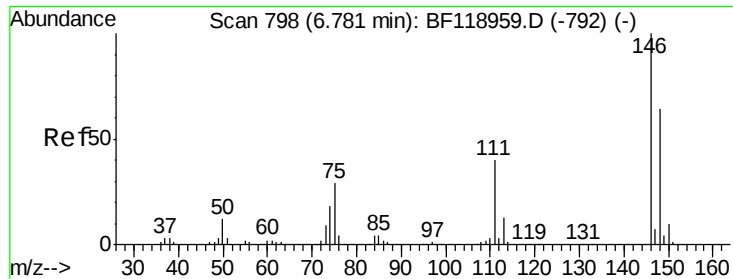
Tot Ion: 93 Resp: 315354
Ion Ratio Lower Upper
93 100
63 67.7 45.4 85.4
95 31.9 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.485 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion: 146 Resp: 342468
Ion Ratio Lower Upper
146 100
148 63.4 52.5 78.7
75 33.7 23.6 35.4

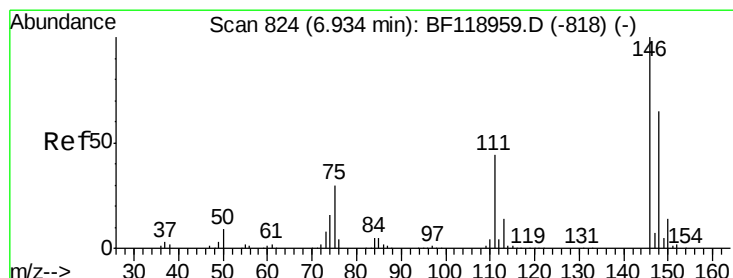
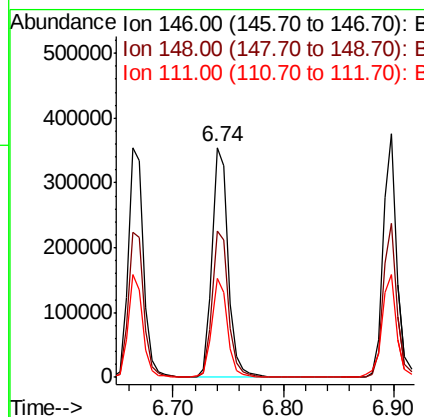
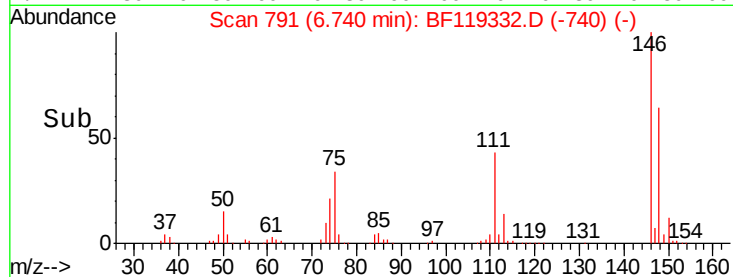
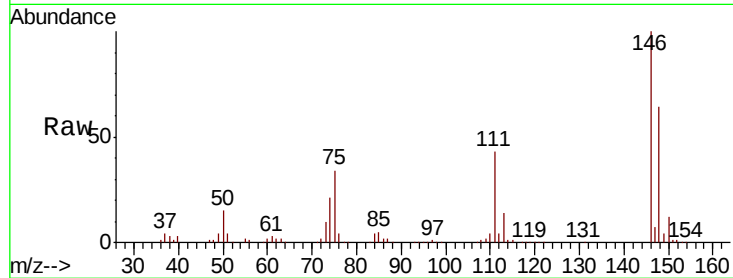




#13
 1,4-Dichlorobenzene
 Concen: 40.398 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

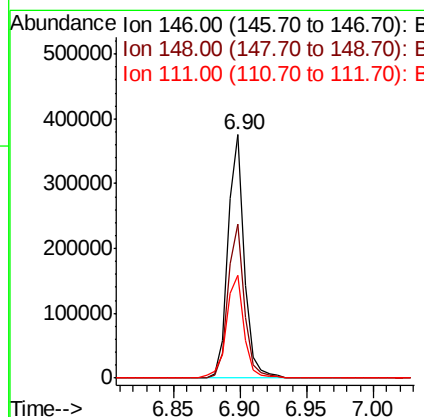
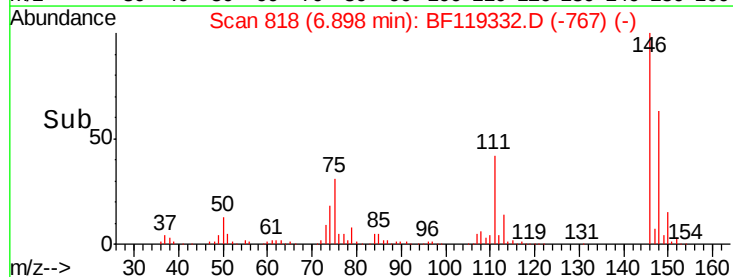
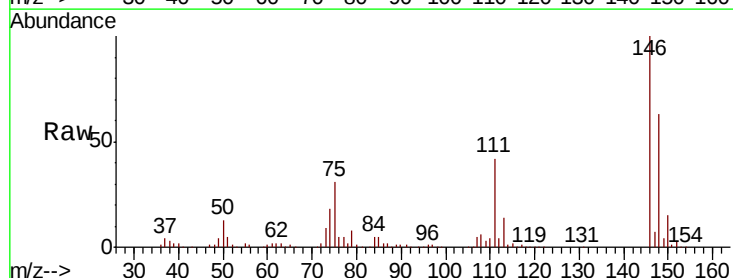
Instrument :
 BNA_F
 ClientSampleID :

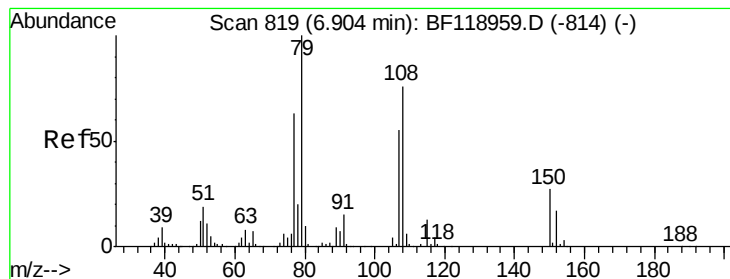
Tot Ion:146 Resp: 350628
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 43.1 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 41.126 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion:146 Resp: 325536
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.9 77.9
 111 42.4 36.2 54.2





#15

Benzyl Alcohol

Concen: 27.632 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

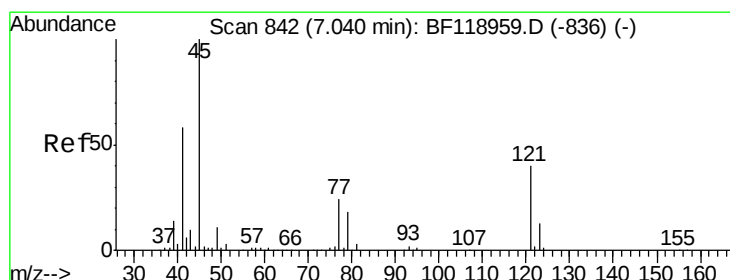
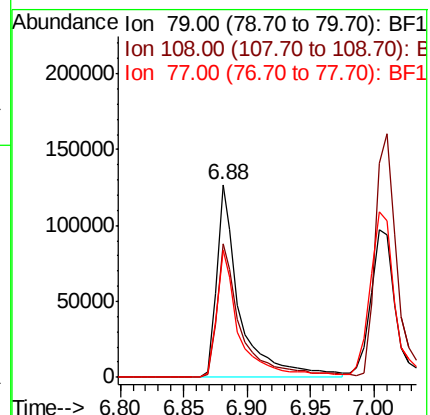
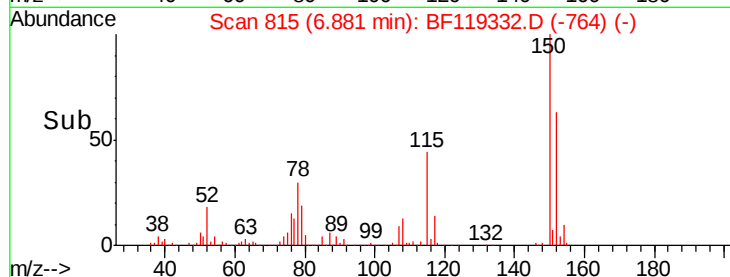
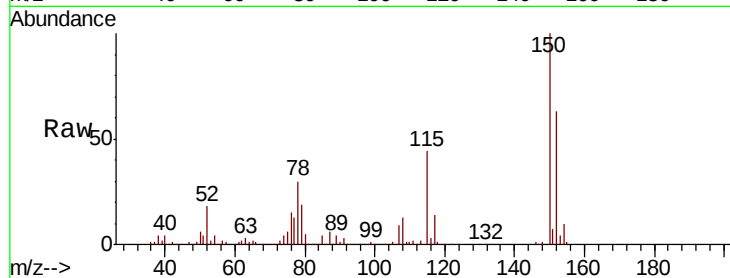
Tot Ion: 79 Resp: 162861

Ion Ratio Lower Upper

79 100

108 68.9 58.2 87.2

77 65.8 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.476 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

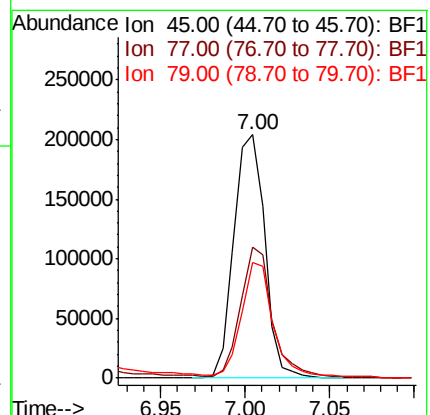
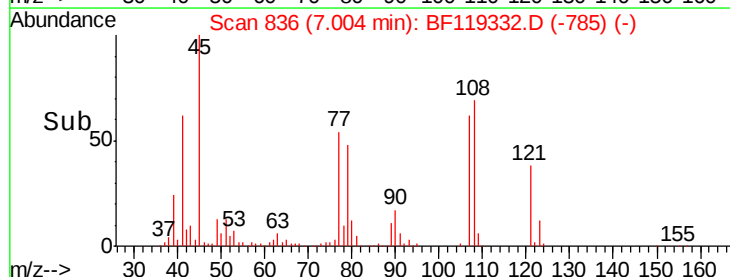
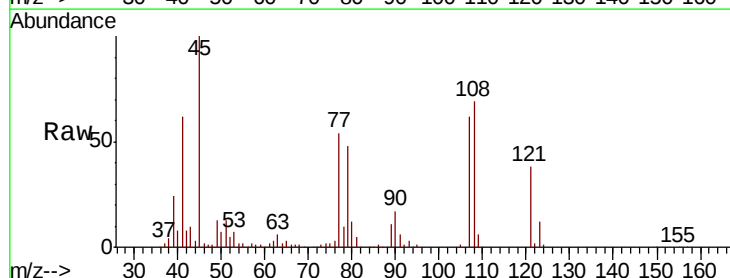
Tgt Ion: 45 Resp: 259923

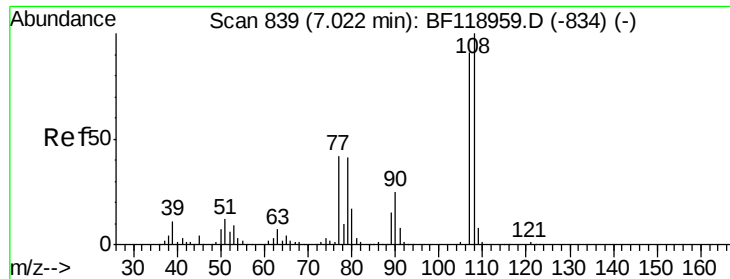
Ion Ratio Lower Upper

45 100

77 53.5 15.0 55.0

79 47.6 9.4 49.4

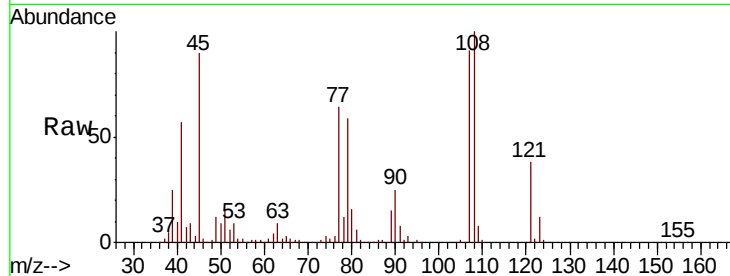




#17
2-Methylphenol
Concen: 29.509 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	87.9	131.9
77	70.9	45.3	67.9
79	64.9	43.0	64.4



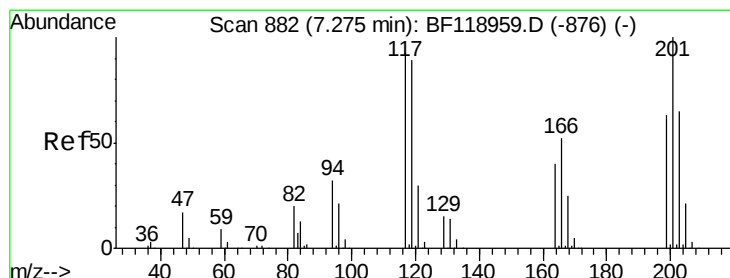
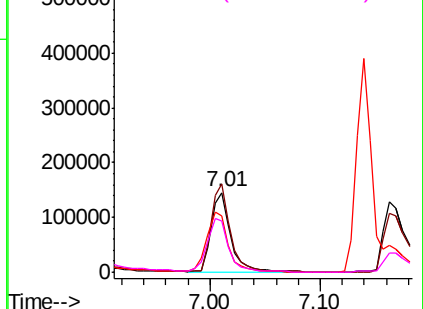
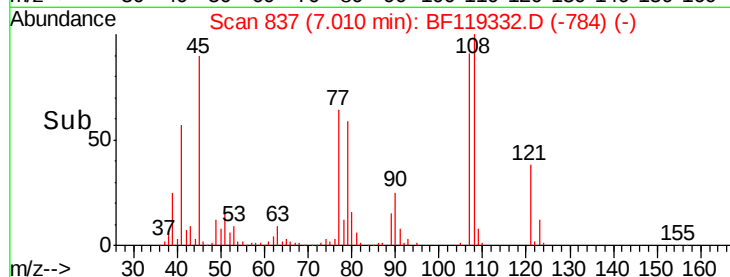
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

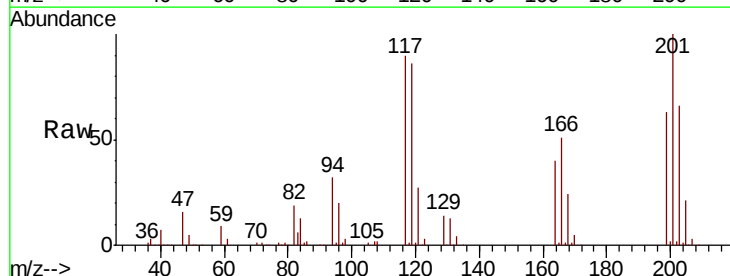
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 32.251 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.5	116.3
201	110.5	82.6	123.8

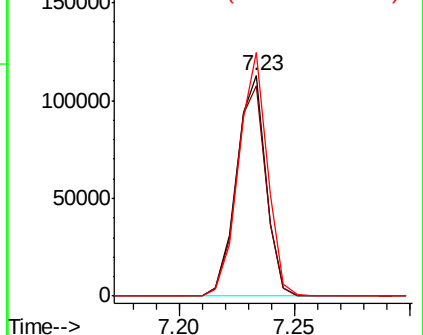
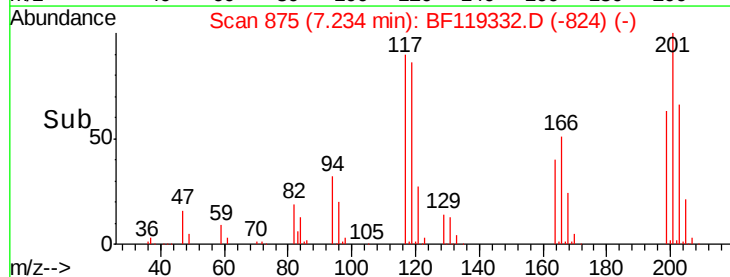


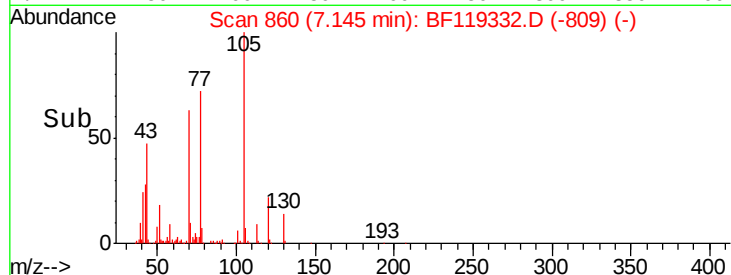
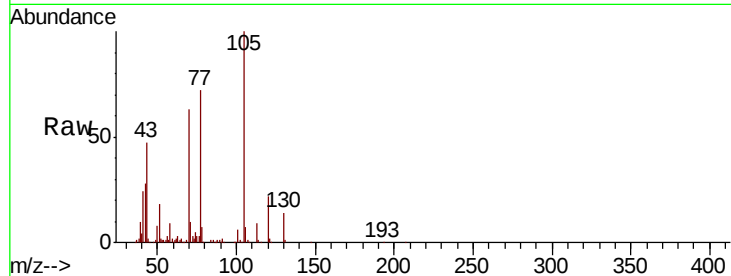
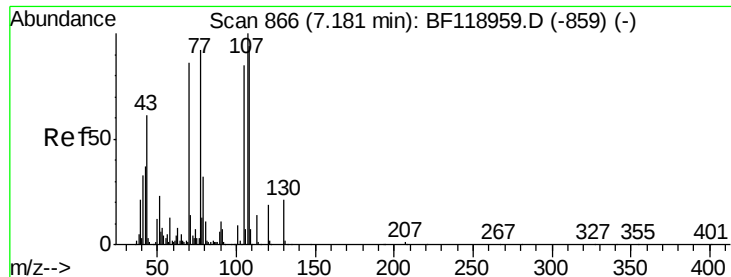
Abundance

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

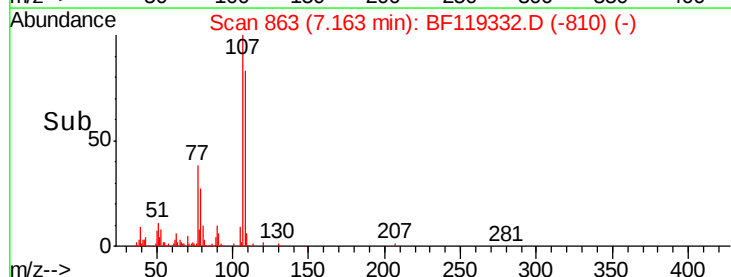
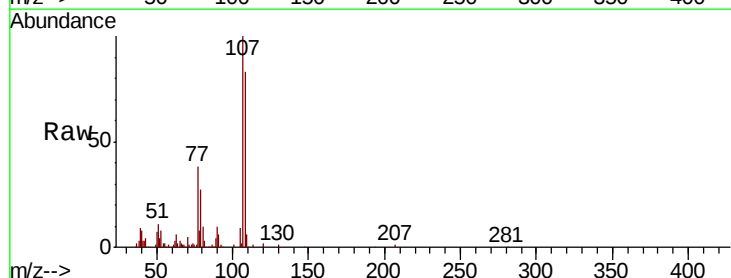
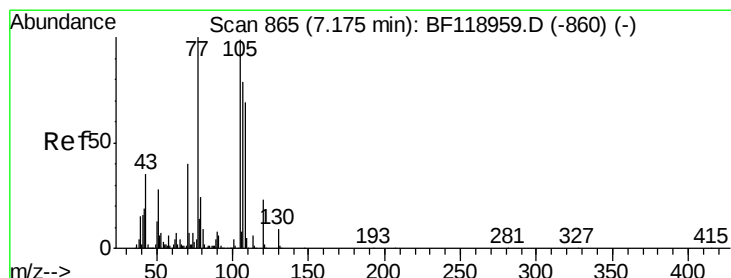
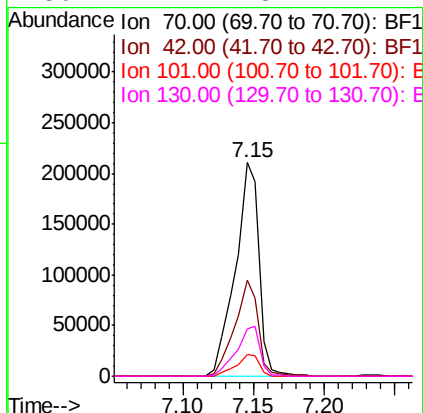




#19
n-Nitroso-di-n-propylamine
Concen: 51.970 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

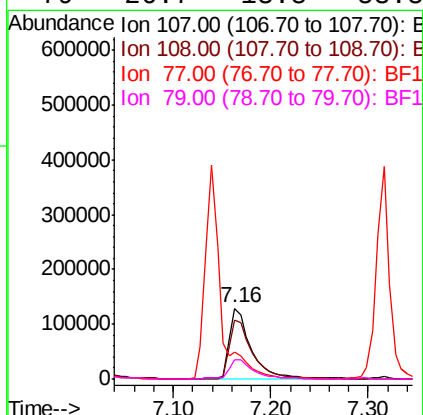
Instrument :
BNA_F
ClientSampleId :

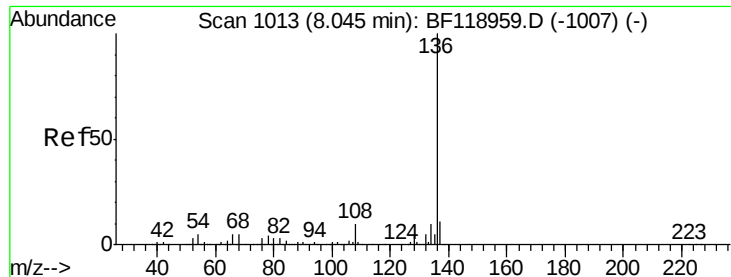
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.9	38.0	57.0
101	10.2	8.2	12.4
130	22.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 28.008 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.2	71.5	111.5
77	37.9	45.9	85.9#
79	26.7	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 407496

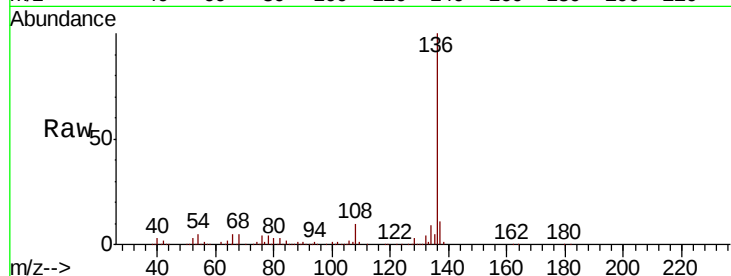
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.6 3.8 5.6

68 4.6 3.9 5.9

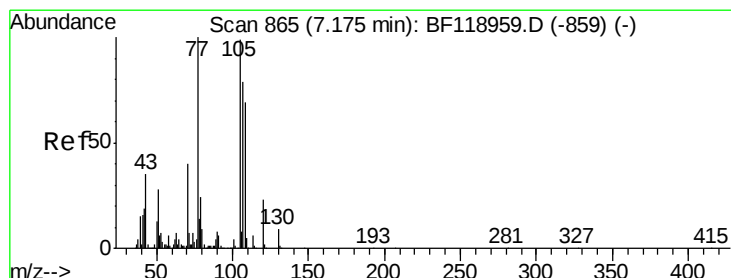
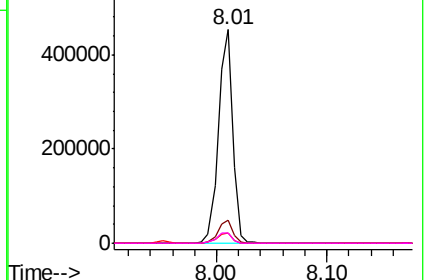
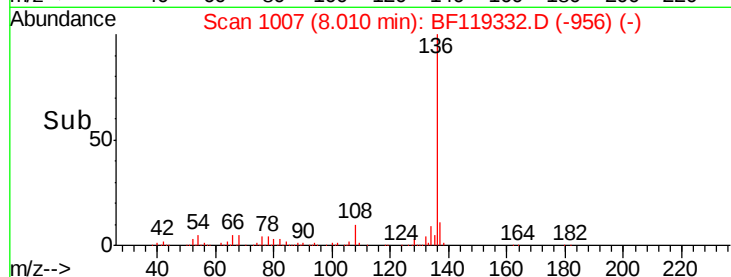


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 51.237 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:105 Resp: 483087

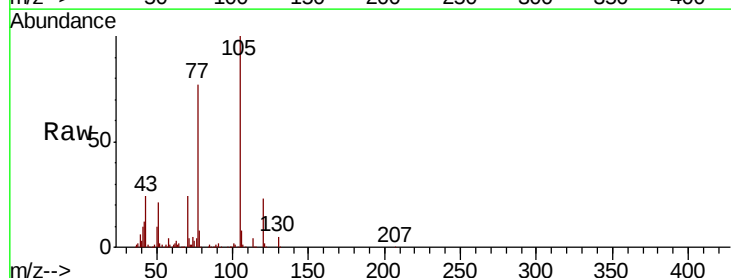
Ion Ratio Lower Upper

105 100

71 4.2 3.0 4.4

51 20.9 20.1 30.1

120 22.9 18.0 27.0

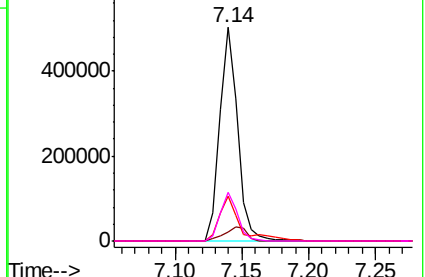
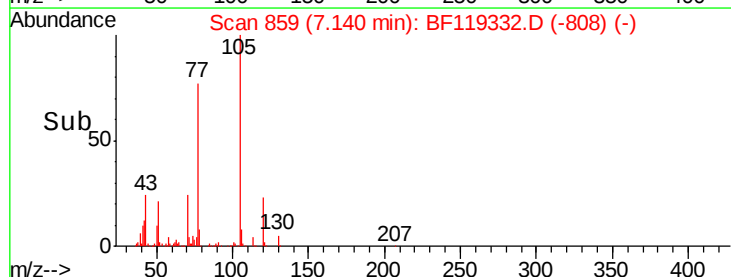


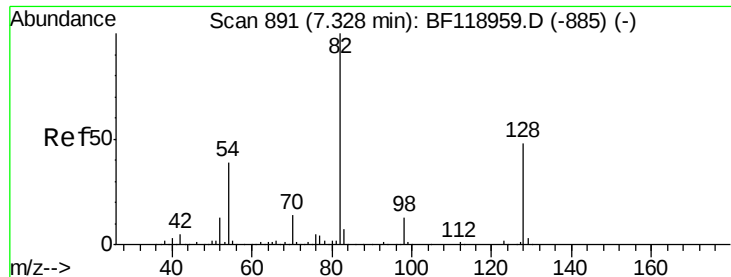
Abundance Ion 105.00 (104.70 to 105.70): E

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

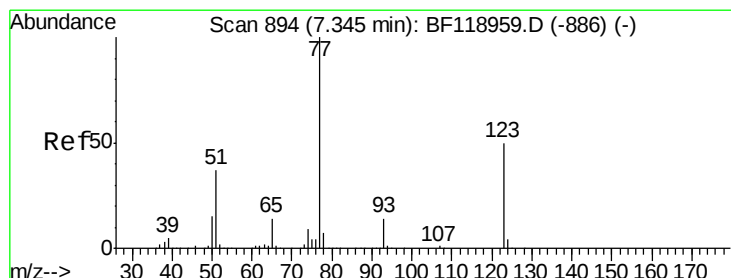
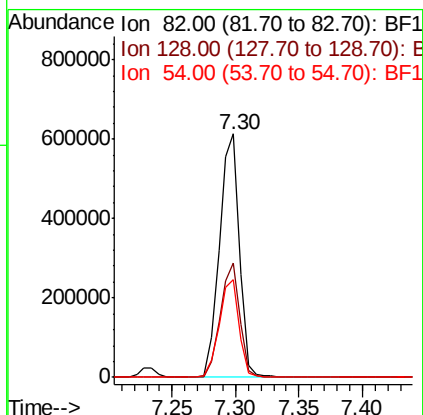
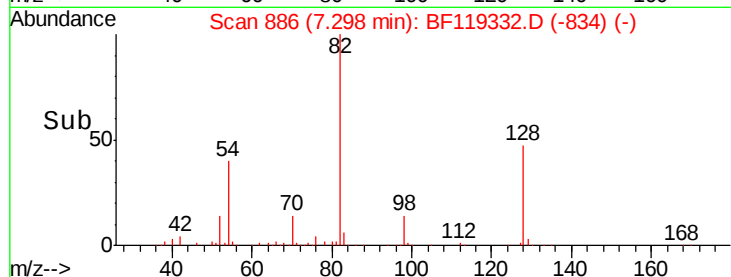
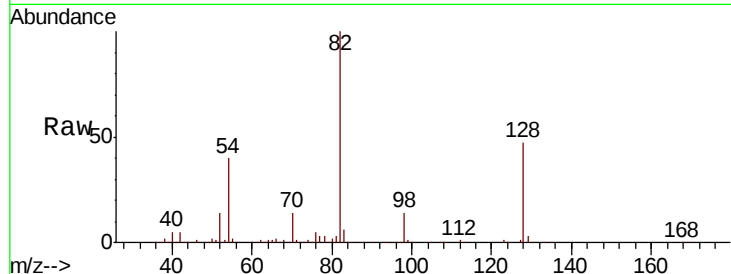




#23
Nitrobenzene-d5
Concen: 87.551 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

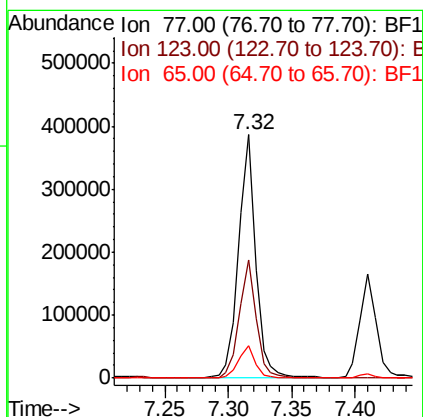
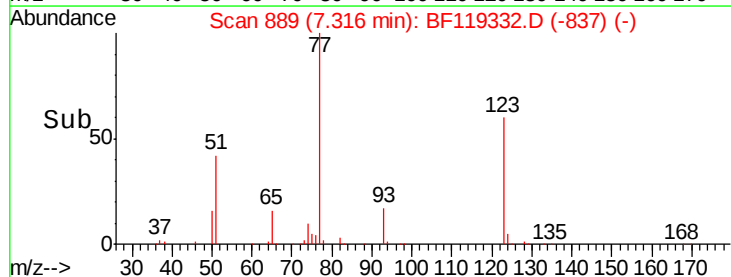
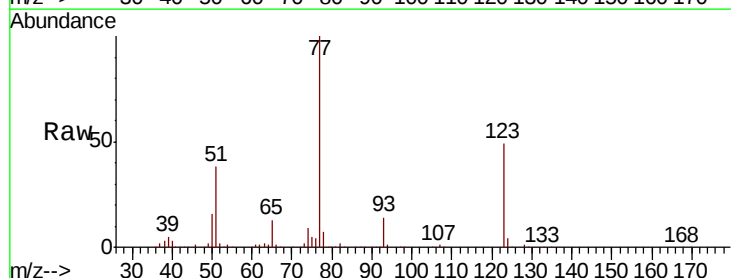
Instrument :
BNA_F
ClientSampleId :

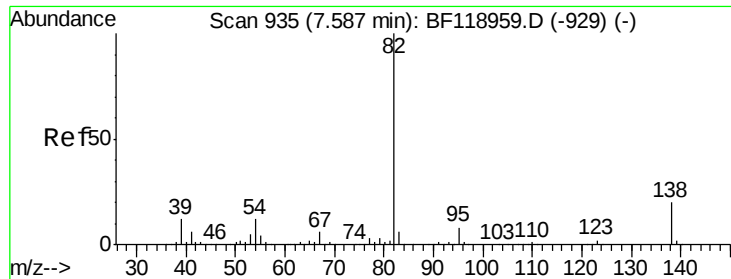
Tot Ion	82	Resp	675698
Ion Ratio	Lower	Upper	
82	100		
128	46.9	37.9	56.9
54	40.0	33.4	50.2



#24
Nitrobenzene
Concen: 47.269 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	77	Resp	360762
Ion Ratio	Lower	Upper	
77	100		
123	48.6	40.2	60.2
65	13.5	10.8	16.2





#25

Isophorone

Concen: 48.404 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

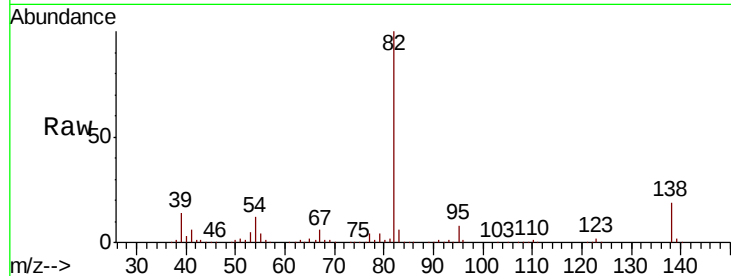
Tot Ion: 82 Resp: 648781

Ion Ratio Lower Upper

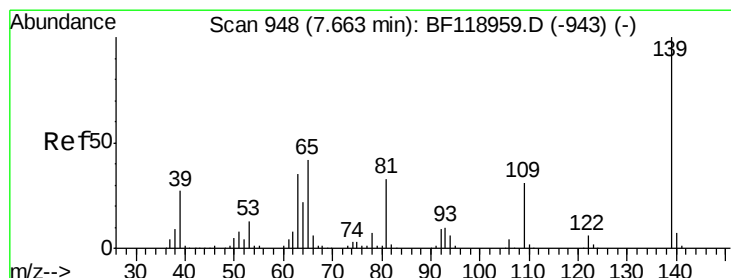
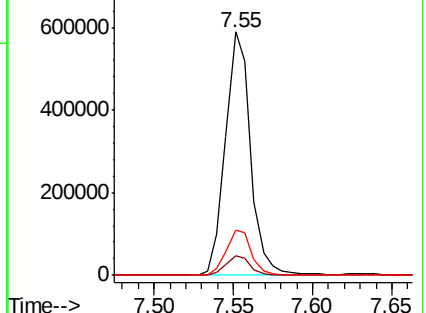
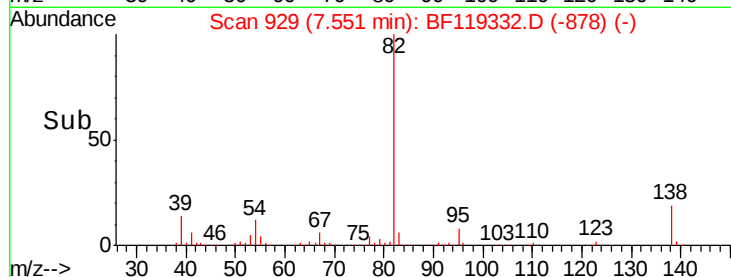
82 100

95 8.1 6.4 9.6

138 18.6 15.7 23.5



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



#26

2-Nitrophenol

Concen: 39.076 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

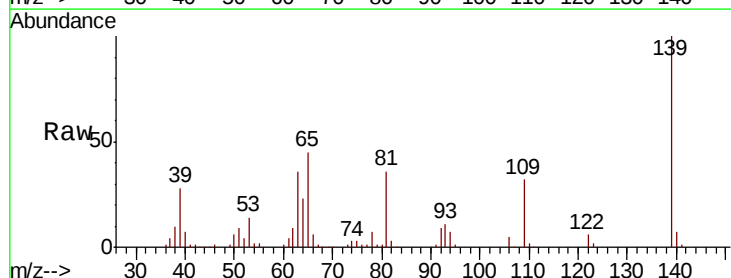
Tgt Ion: 139 Resp: 158017

Ion Ratio Lower Upper

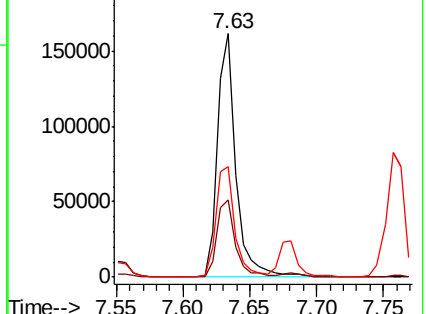
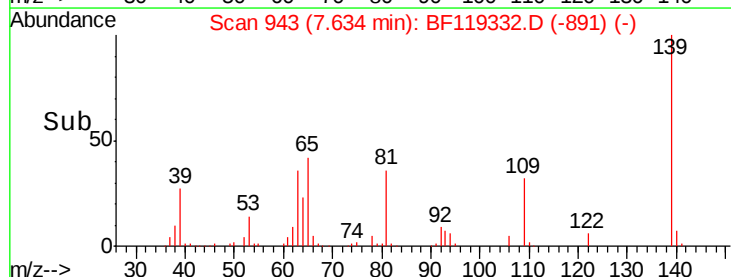
139 100

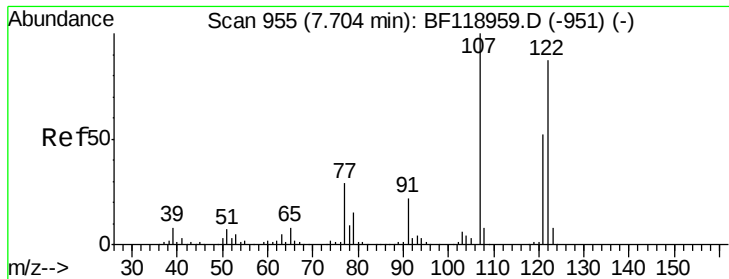
109 31.6 25.7 38.5

65 45.5 37.1 55.7



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





#27

2,4-Dimethylphenol

Concen: 40.838 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

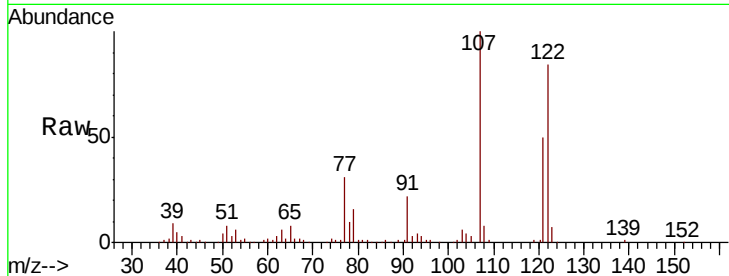
Tot Ion:122 Resp: 224128

Ion Ratio Lower Upper

122 100

107 119.2 93.8 140.6

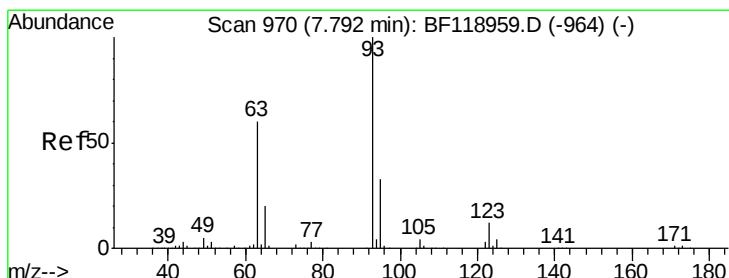
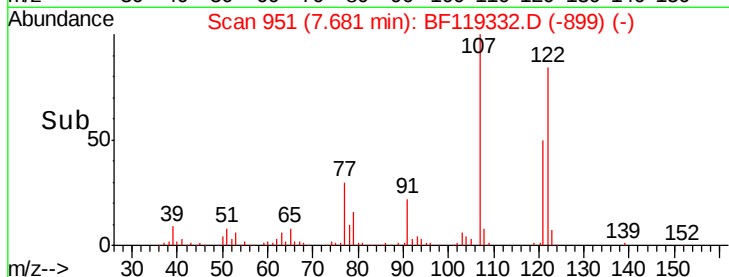
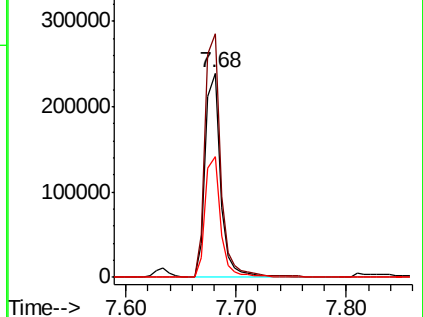
121 59.1 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.439 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

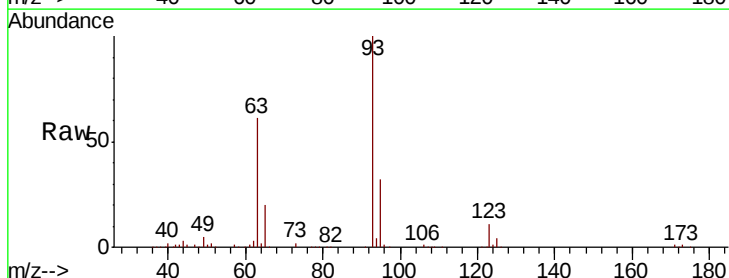
Tgt Ion: 93 Resp: 396416

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

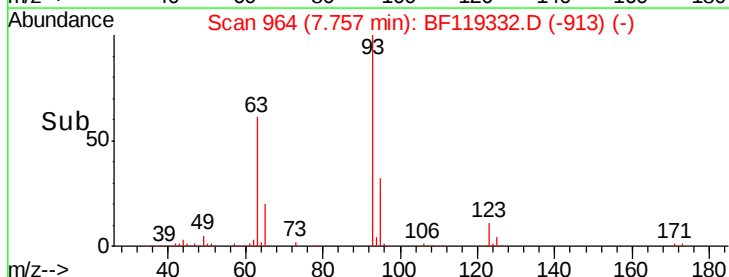
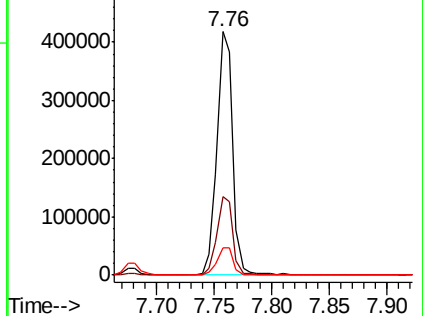
123 11.0 10.2 15.2

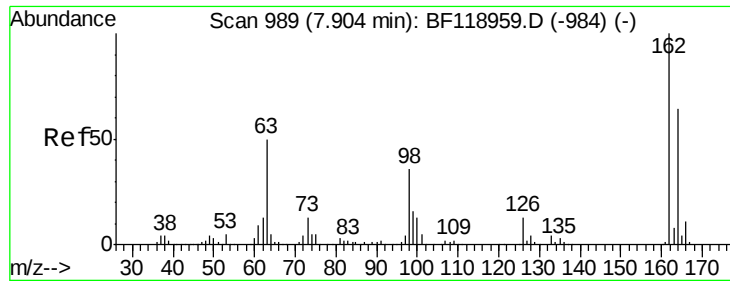


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

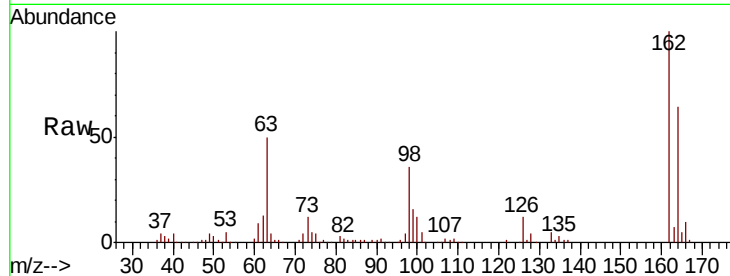




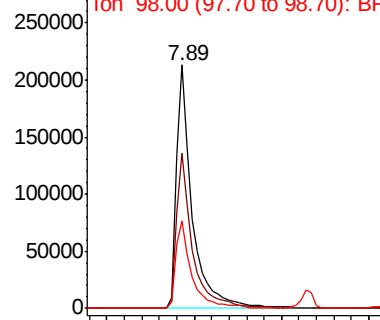
#29
2,4-Dichlorophenol
Concen: 41.326 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

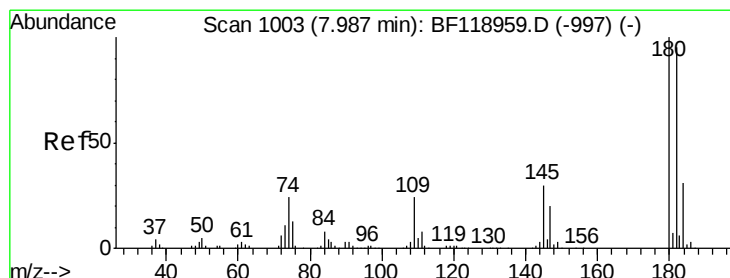
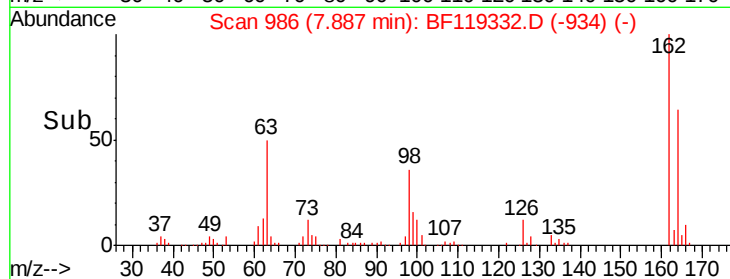
Tot Ion:162 Resp: 267003
Ion Ratio Lower Upper
162 100
164 64.0 45.2 85.2
98 35.8 17.4 57.4



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

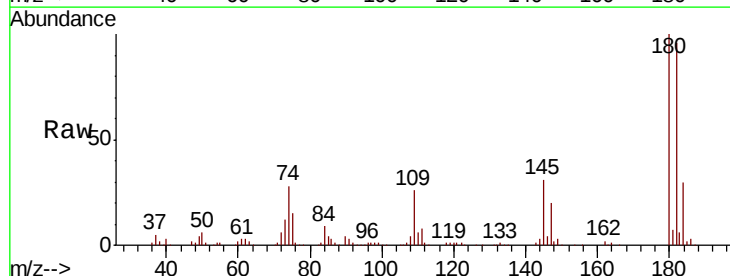


Time-->

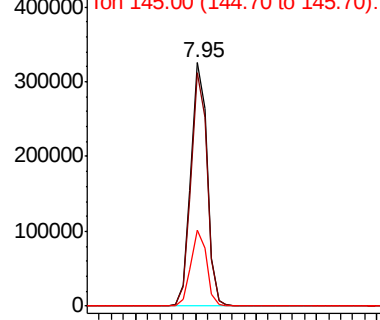


#30
1,2,4-Trichlorobenzene
Concen: 39.424 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

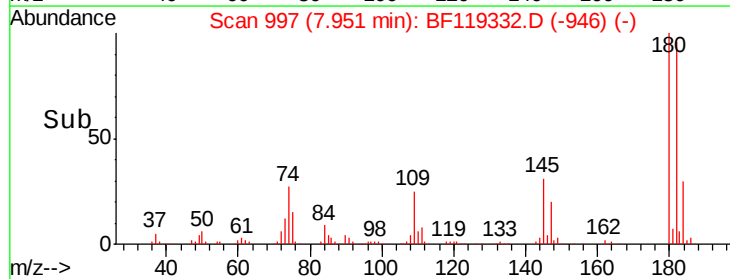
Tgt Ion:180 Resp: 302001
Ion Ratio Lower Upper
180 100
182 95.8 77.8 116.6
145 31.4 25.2 37.8

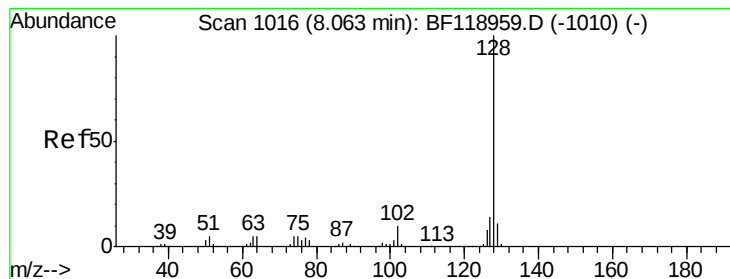


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 43.168 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

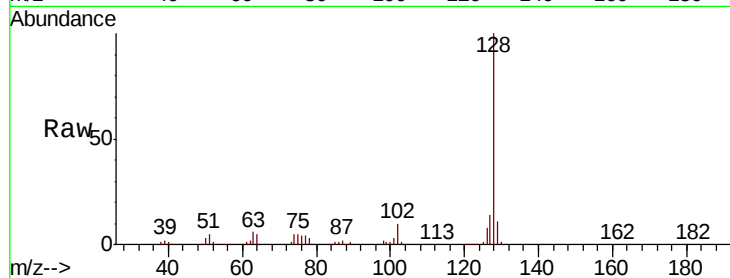
Tot Ion:128 Resp: 912280

Ion Ratio Lower Upper

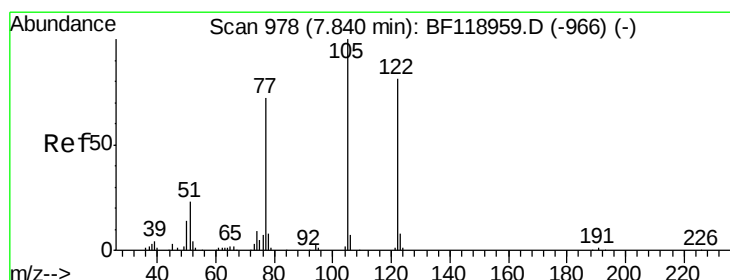
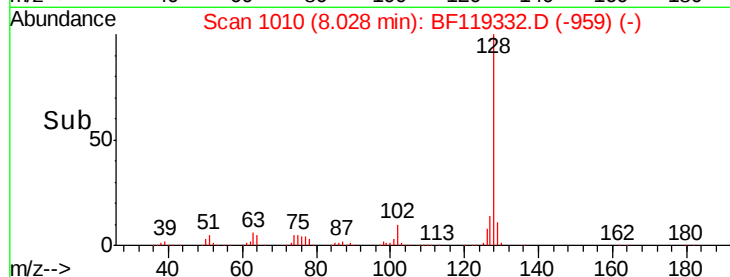
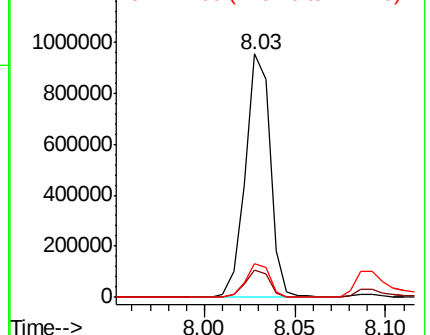
128 100

129 11.4 9.4 14.2

127 13.7 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: 8.742 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.03 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

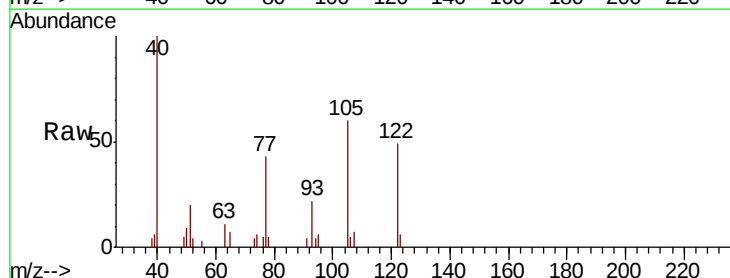
Tgt Ion:122 Resp: 9594

Ion Ratio Lower Upper

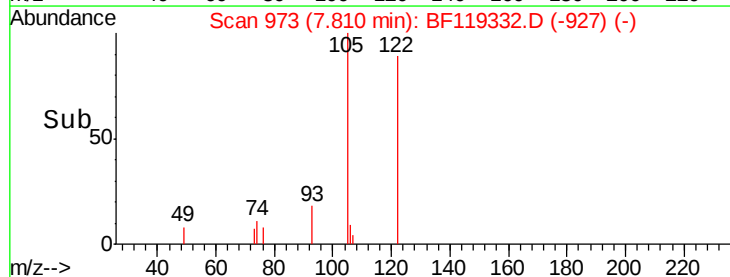
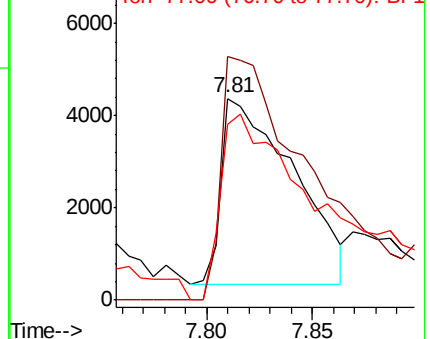
122 100

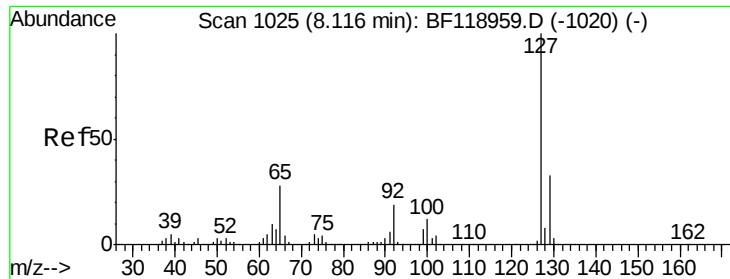
105 120.7 106.3 146.3

77 87.4 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

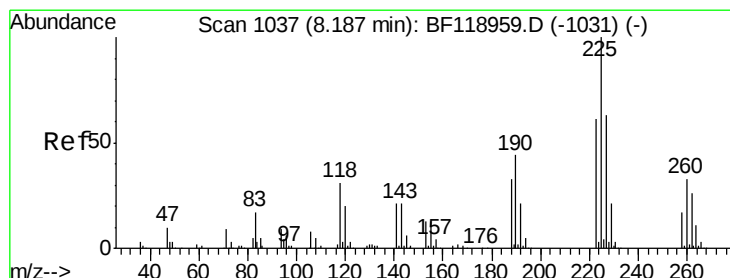
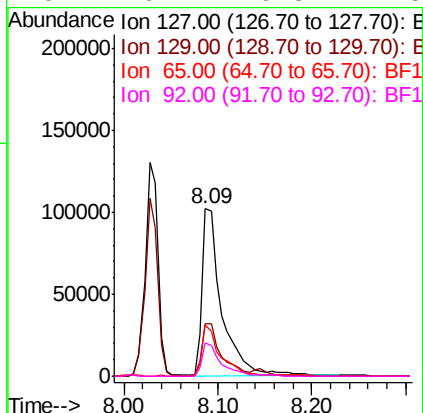
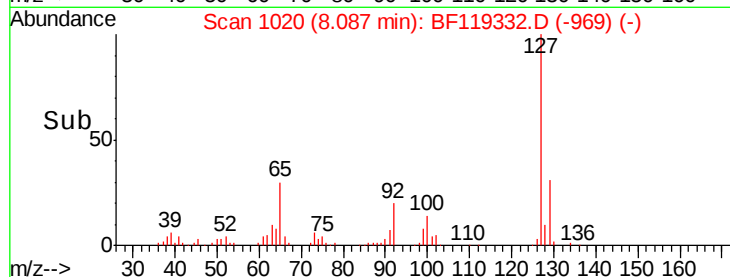
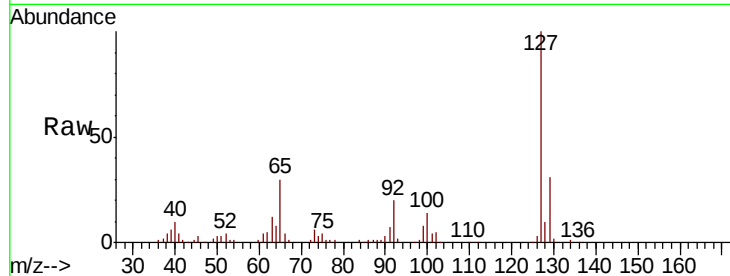




#33
4-Chloroaniline
Concen: 16.471 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

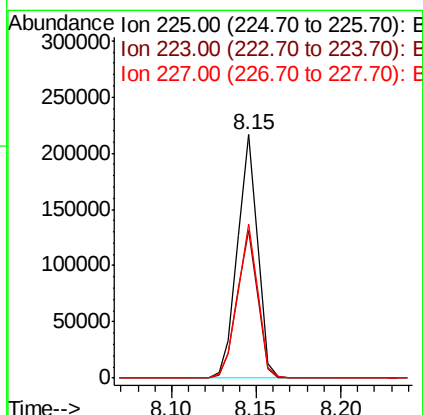
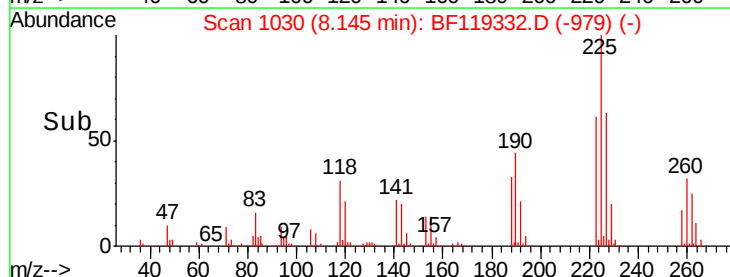
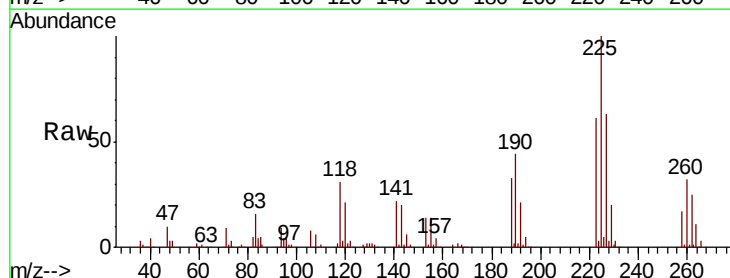
Instrument :
BNA_F
ClientSampleId :

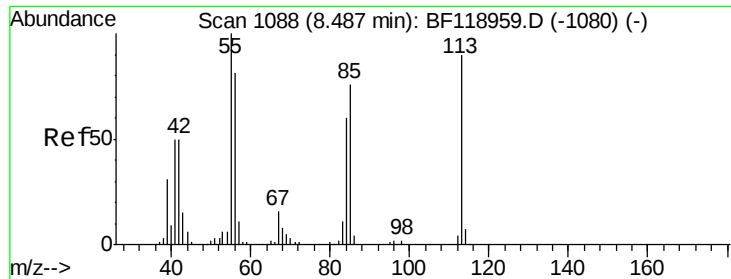
Tot Ion:	127	Resp:	149711
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	30.4	23.9	35.9
92	20.1	16.3	24.5



#34
Hexachlorobutadiene
Concen: 37.593 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:	225	Resp:	179379
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.4	74.2
227	63.2	52.9	79.3

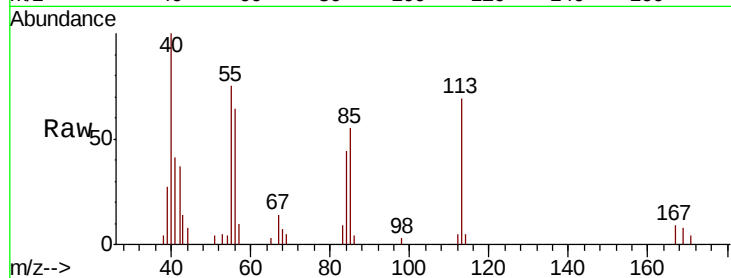




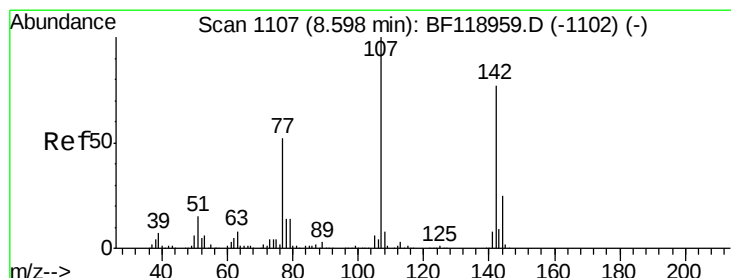
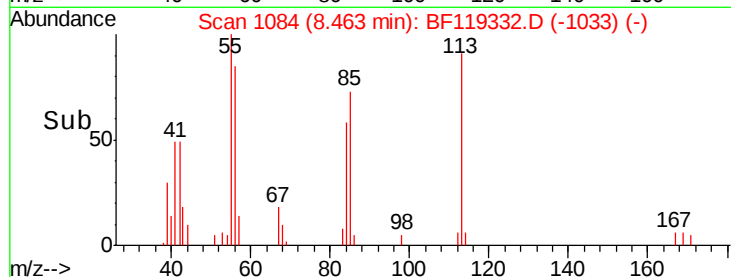
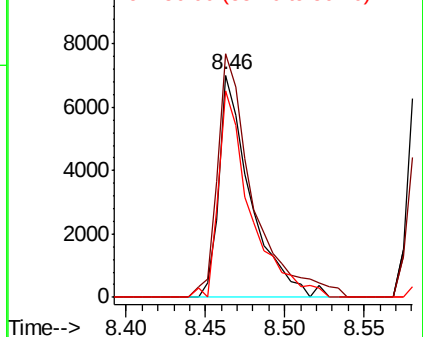
#35
Caprolactam
Concen: 4.877 ng
RT: 8.46 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 9703
Ion Ratio Lower Upper
113 100
55 109.4 95.7 135.7
56 92.6 73.1 113.1

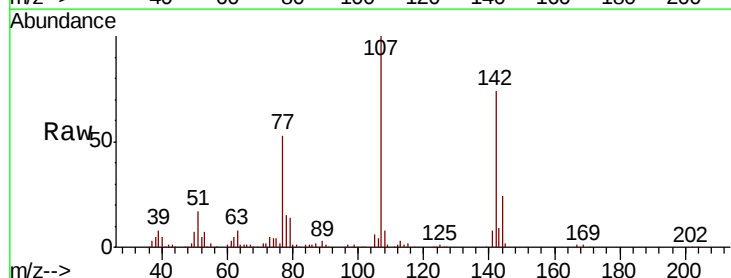


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

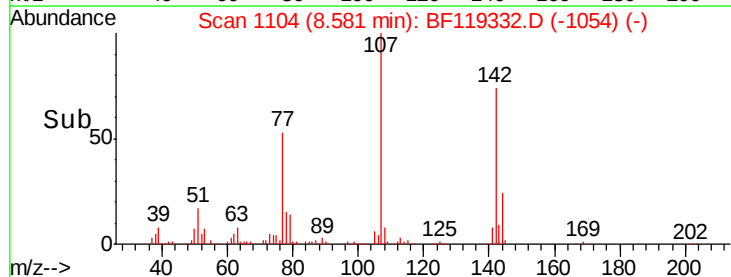
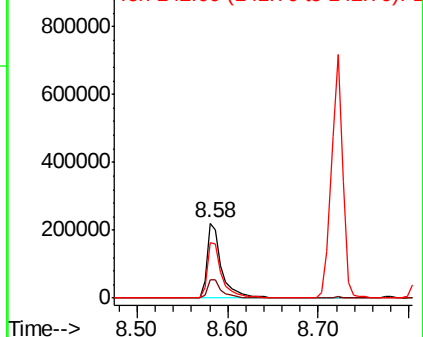


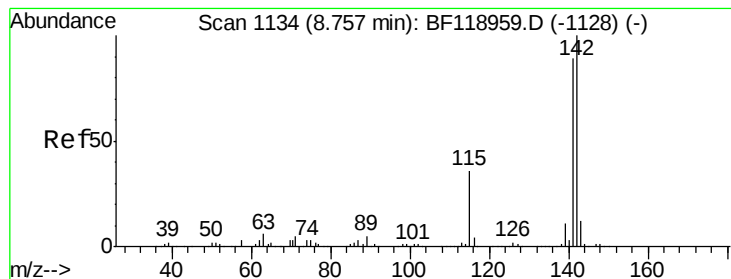
#36
4-Chloro-3-methylphenol
Concen: 38.225 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:107 Resp: 249941
Ion Ratio Lower Upper
107 100
144 23.8 20.1 30.1
142 74.3 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: 43.694 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

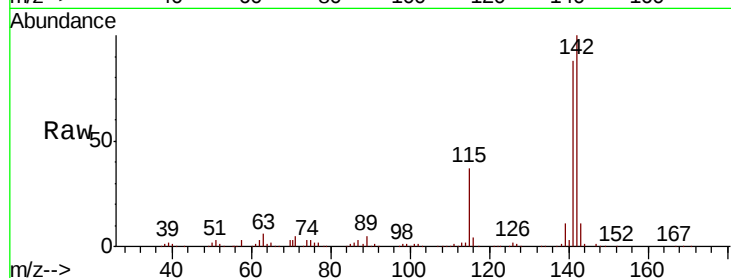
Tot Ion:142 Resp: 621419

Ion Ratio Lower Upper

142 100

141 88.0 72.3 108.5

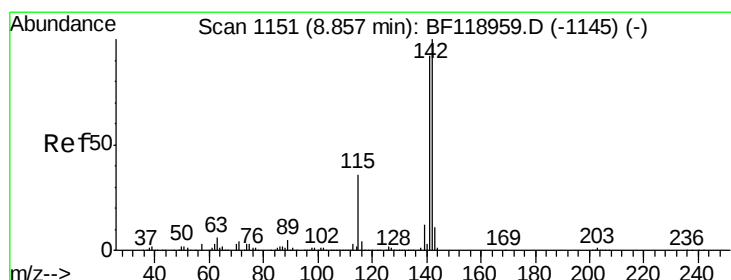
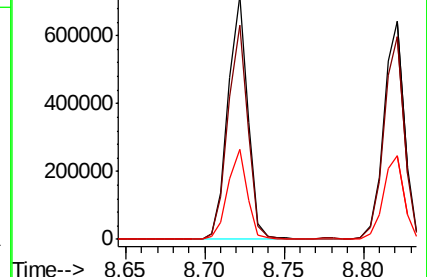
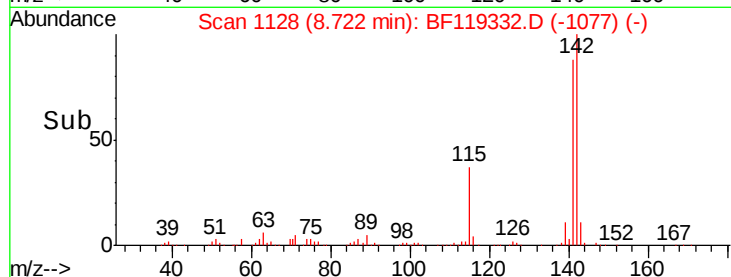
115 37.0 30.6 45.8



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: 43.131 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

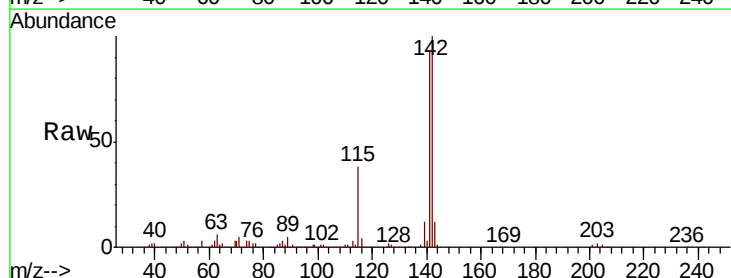
Tgt Ion:142 Resp: 576891

Ion Ratio Lower Upper

142 100

141 92.7 75.8 113.6

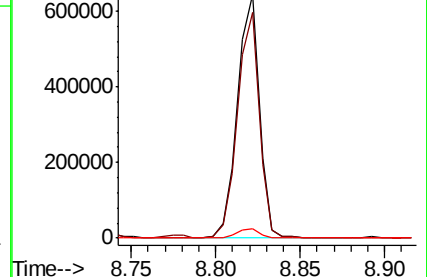
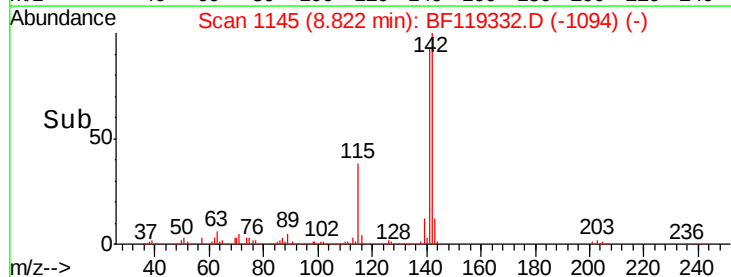
116 3.9 3.1 4.7

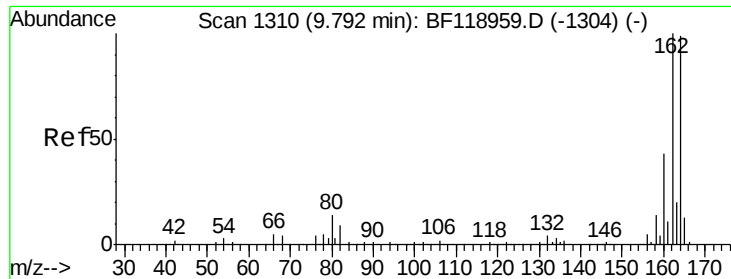


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampled :

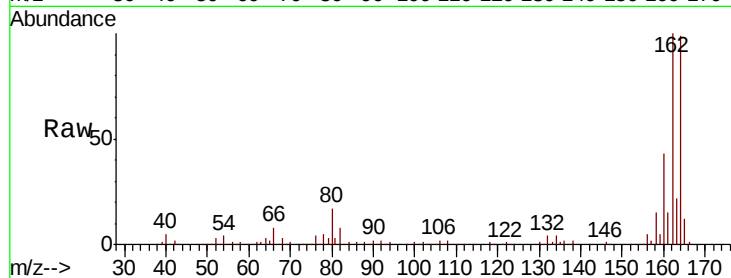
Tot Ion:164 Resp: 199345

Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.8

160 43.3 36.0 54.0

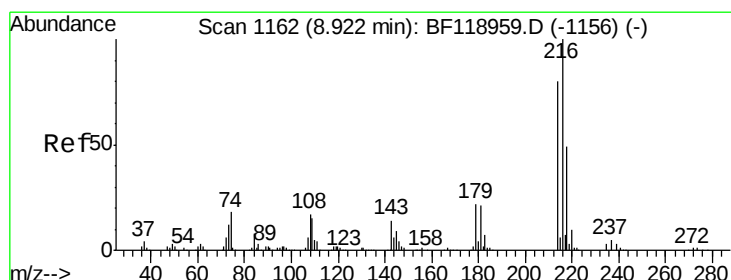
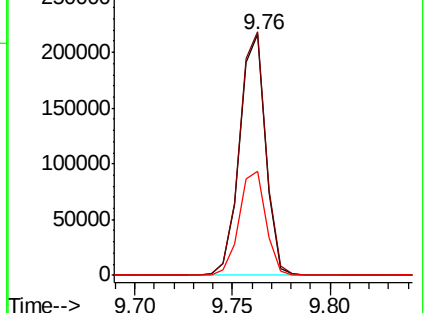
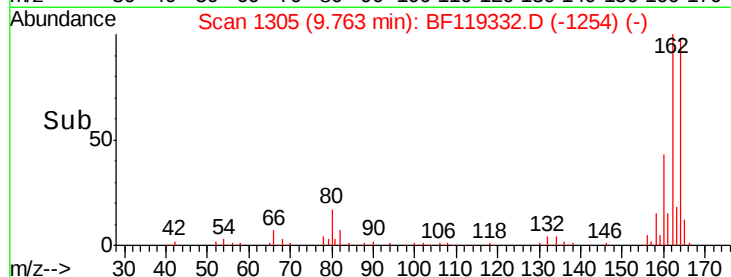


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.098 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Tgt Ion:216 Resp: 309830

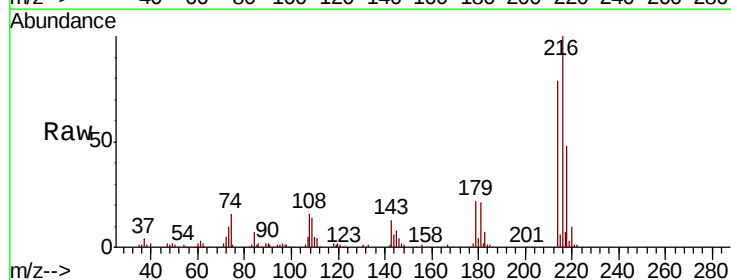
Ion Ratio Lower Upper

216 100

214 78.3 63.3 94.9

179 21.7 17.7 26.5

108 16.6 13.9 20.9



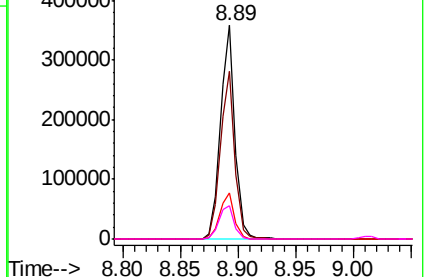
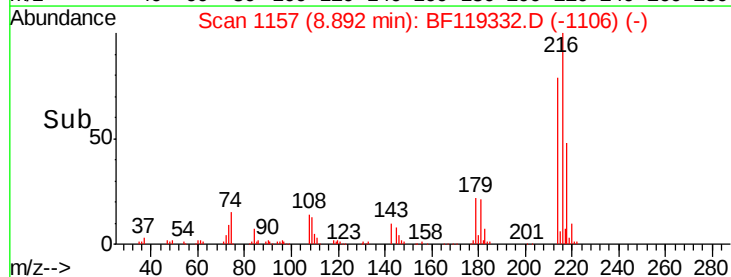
Abundance

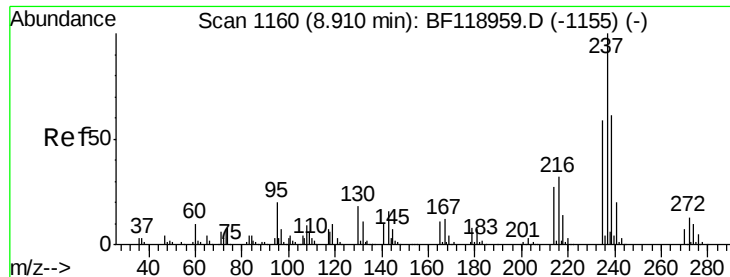
Ion 216.00 (215.70 to 216.70): E

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

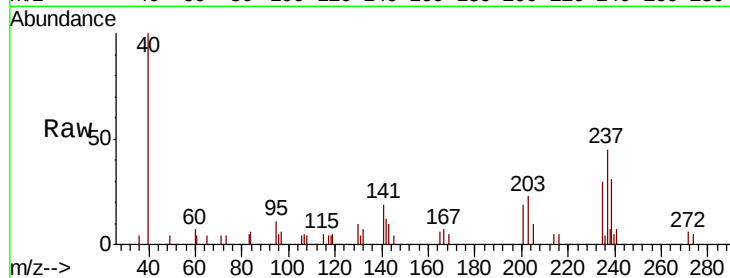




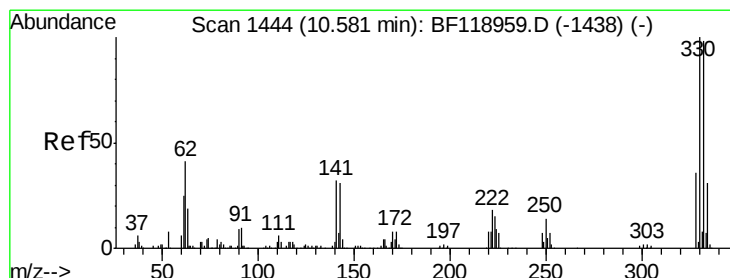
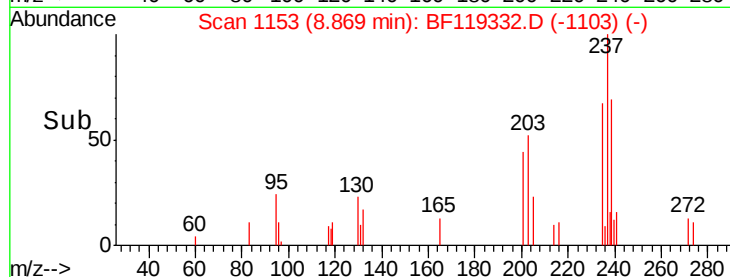
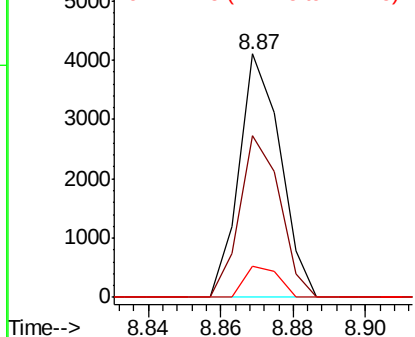
#41
Hexachlorocyclopentadiene
Concen: 10.566 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	66.6	42.3	82.3
272	12.9	0.0	33.5

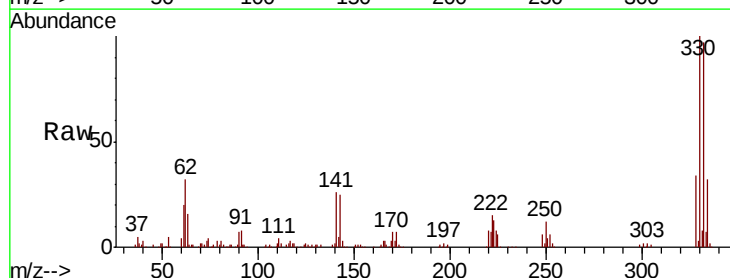


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

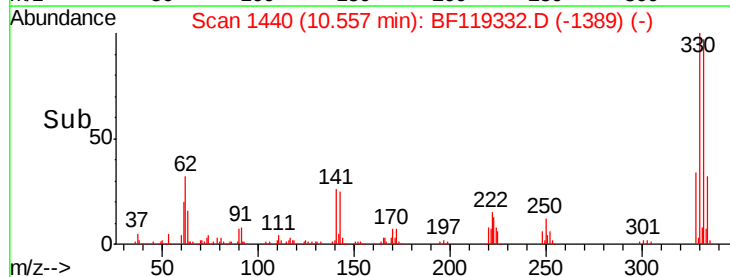
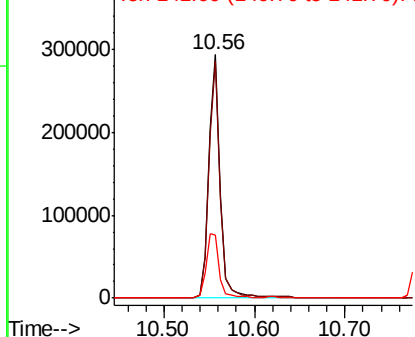


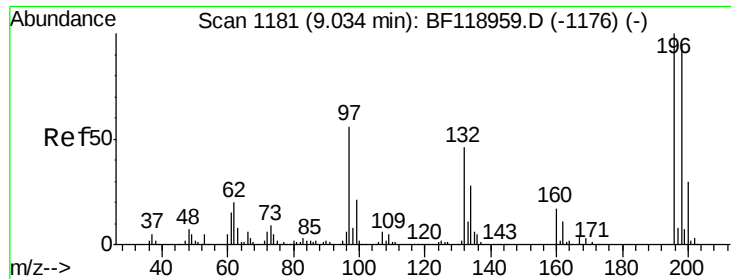
#42
2,4,6-Tribromophenol
Concen: 101.741 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	29.8	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

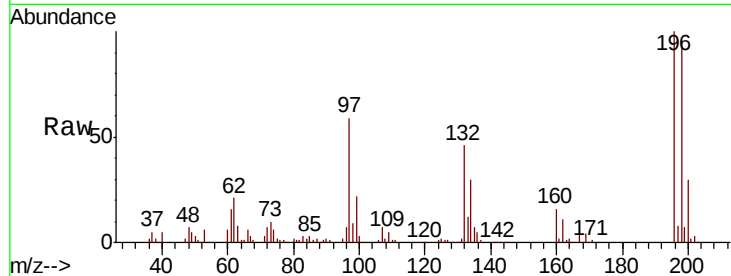




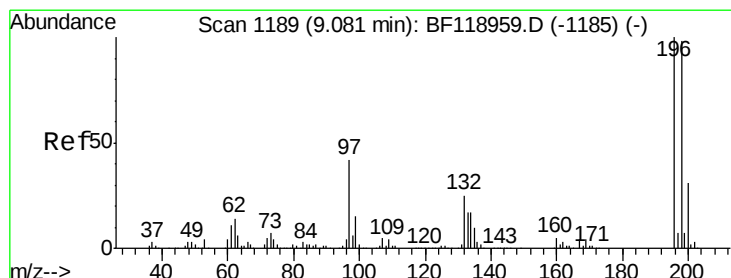
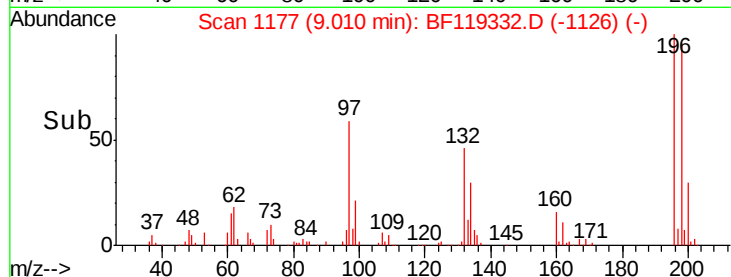
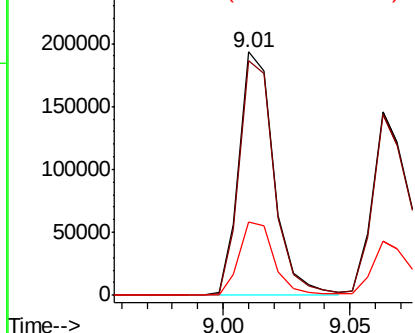
#43
 2,4,6-Trichlorophenol
 Concen: 43.849 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 186108
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.1 115.7
 200 30.1 25.0 37.6

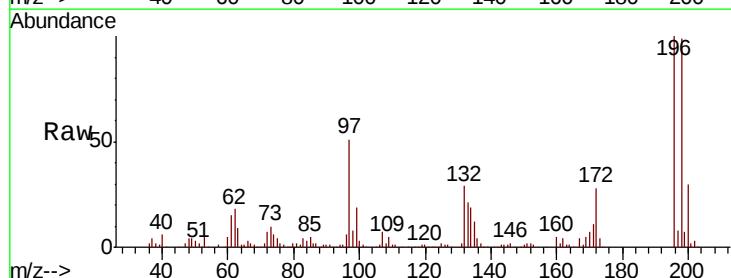


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

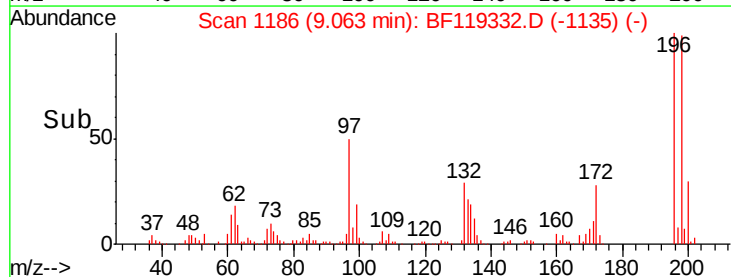
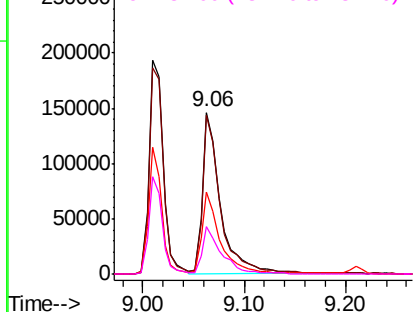


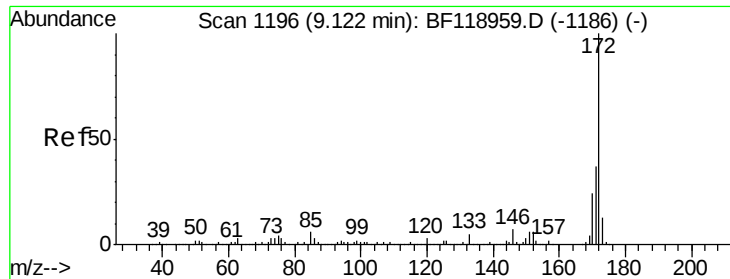
#44
 2,4,5-Trichlorophenol
 Concen: 40.493 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion:196 Resp: 180349
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.8 115.2
 97 50.6 38.5 57.7
 132 29.1 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

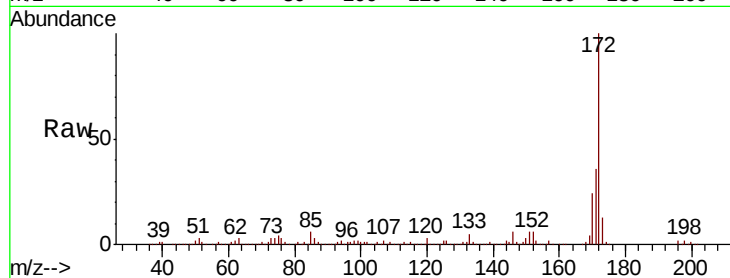




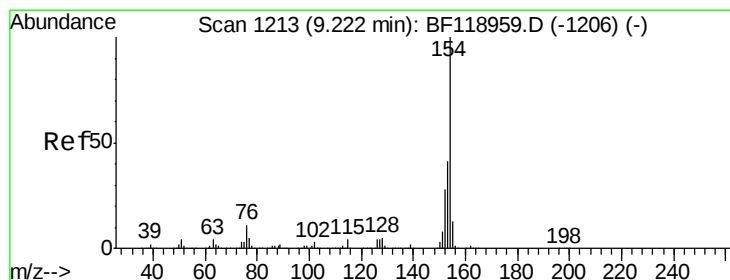
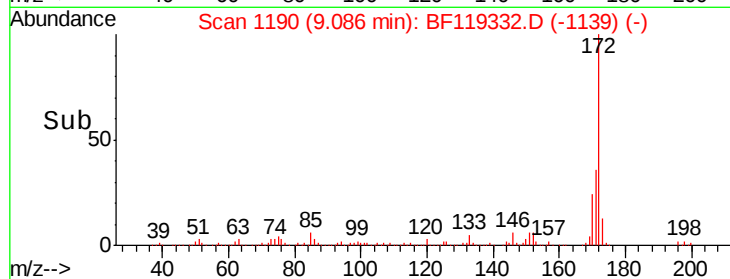
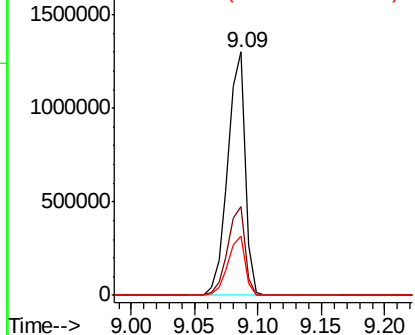
#45
2-Fluorobiphenyl
Concen: 91.519 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1238400
Ion Ratio Lower Upper
172 100
171 36.5 30.6 45.8
170 24.4 20.2 30.2

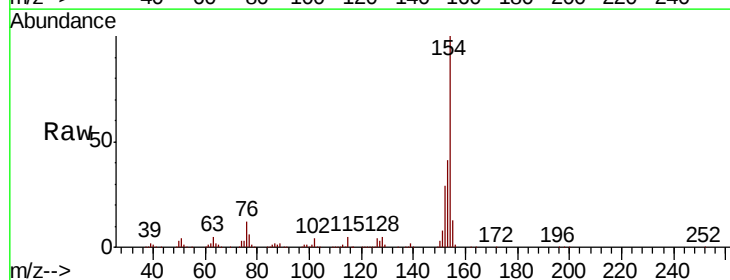


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

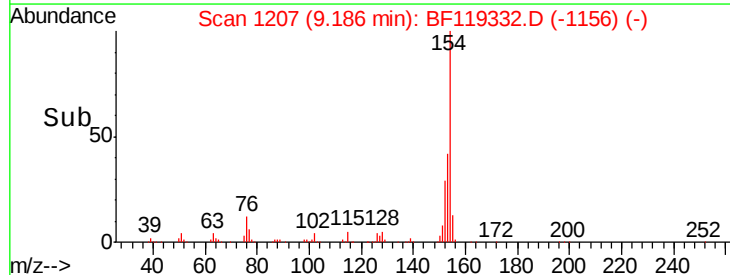
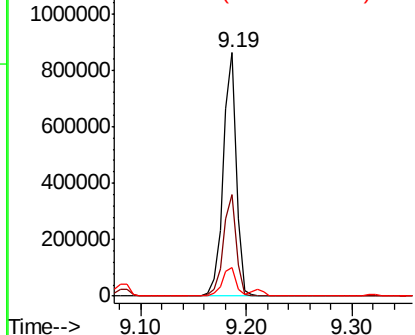


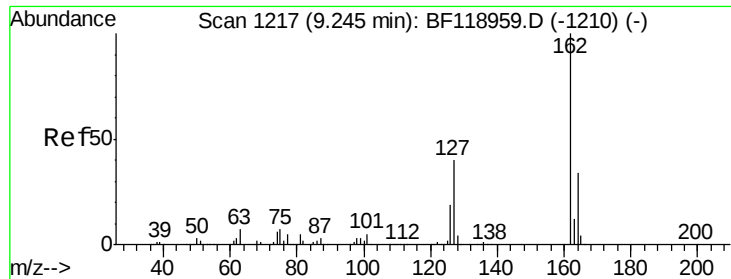
#46
1,1'-Biphenyl
Concen: 46.964 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:154 Resp: 756637
Ion Ratio Lower Upper
154 100
153 41.5 22.8 62.8
76 11.5 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

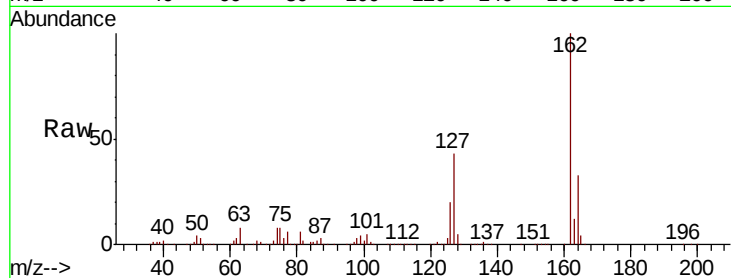




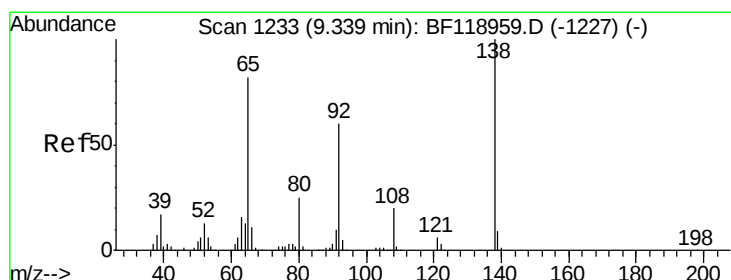
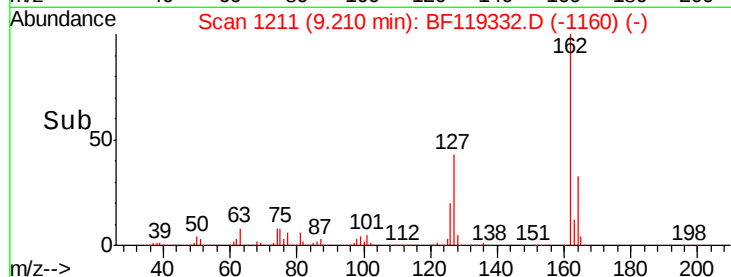
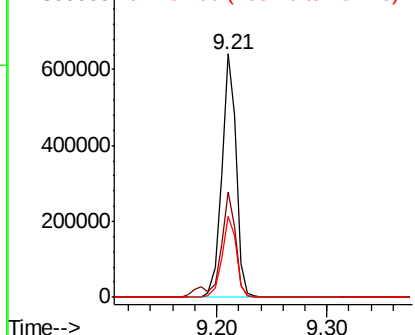
#47
2-Chloronaphthalene
Concen: 44.874 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 582609
Ion Ratio Lower Upper
162 100
127 43.3 35.0 52.4
164 33.3 27.2 40.8

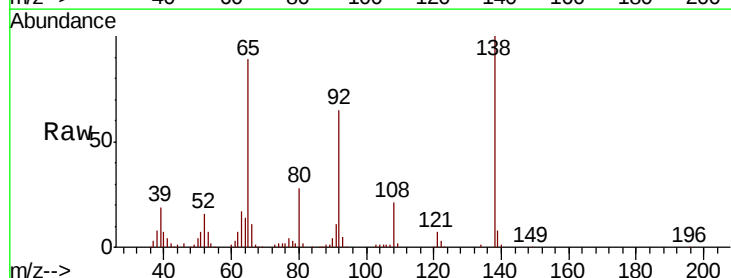


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

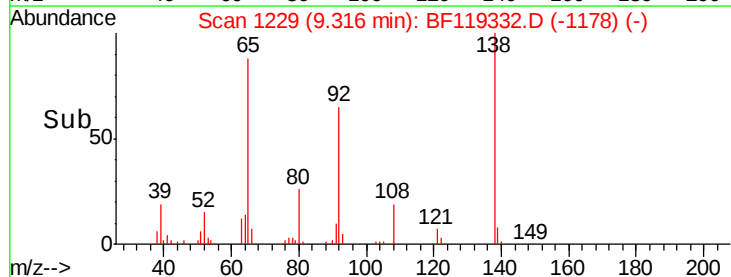
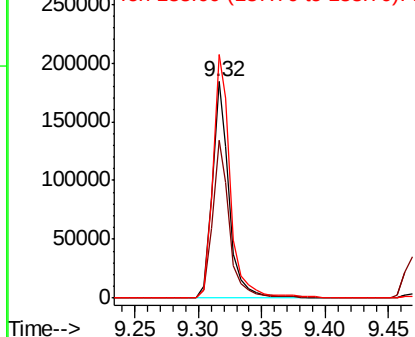


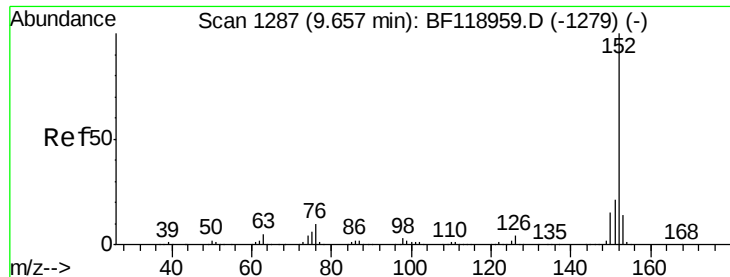
#48
2-Nitroaniline
Concen: 47.089 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion: 65 Resp: 170521
Ion Ratio Lower Upper
65 100
92 72.7 58.2 87.2
138 112.5 95.6 143.4



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

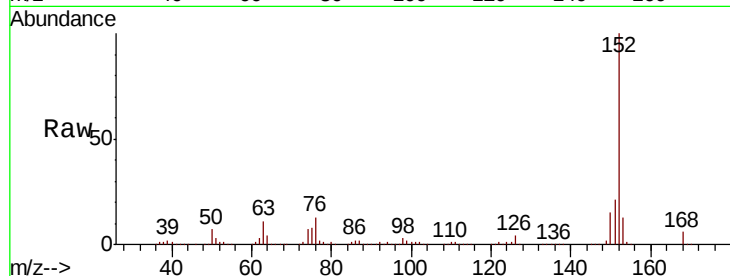




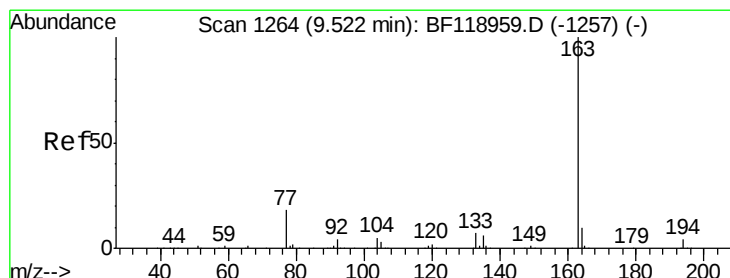
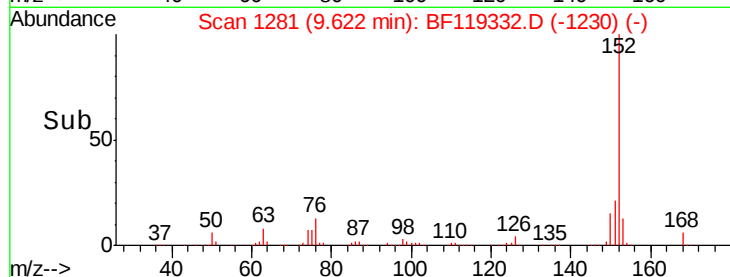
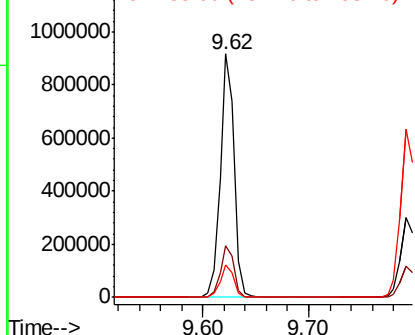
#49
Acenaphthylene
Concen: 45.123 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 846134
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3
153 13.3 11.0 16.6

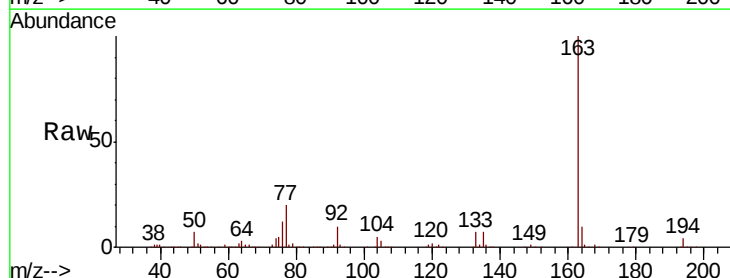


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

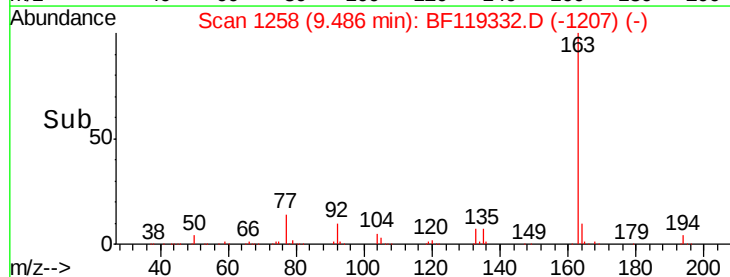
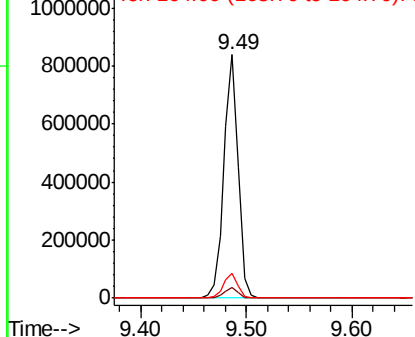


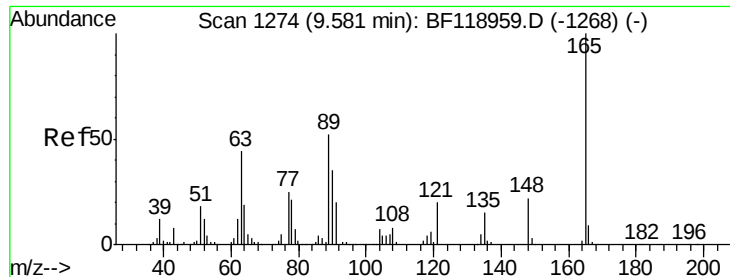
#50
Dimethylphthalate
Concen: 51.714 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:163 Resp: 788298
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.0 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

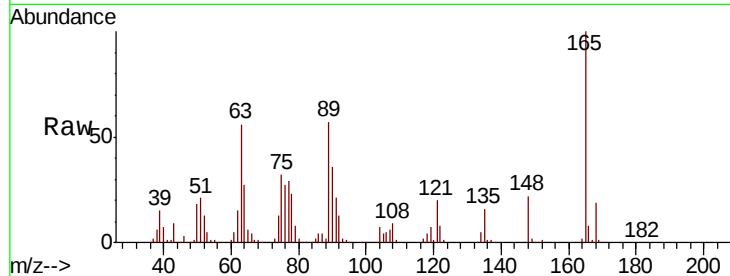




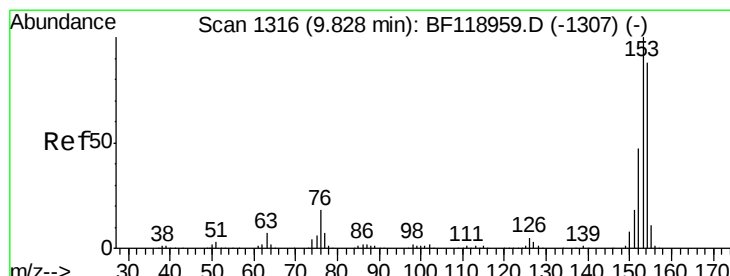
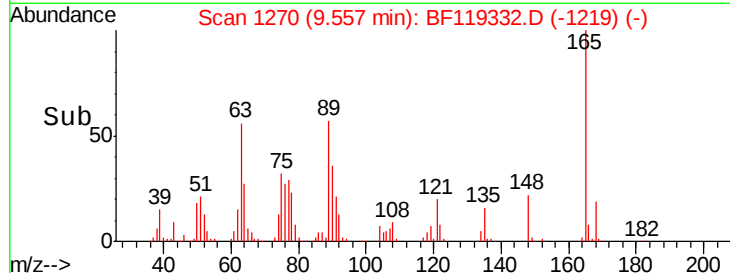
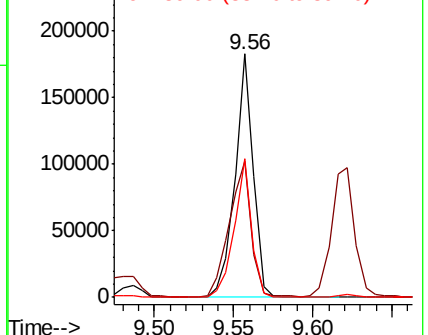
#51
2,6-Dinitrotoluene
Concen: 43.185 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 146254
Ion Ratio Lower Upper
165 100
63 55.9 34.3 51.5#
89 56.8 38.3 57.5

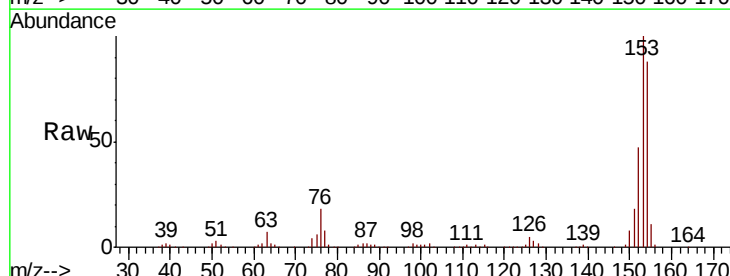


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

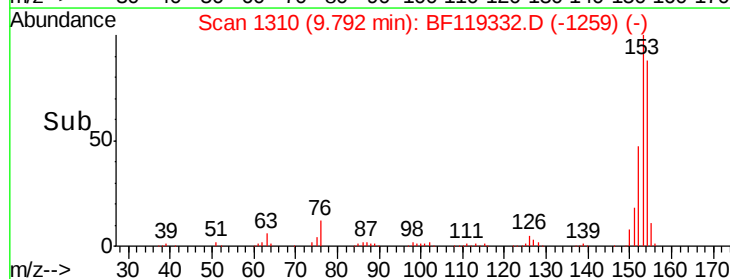
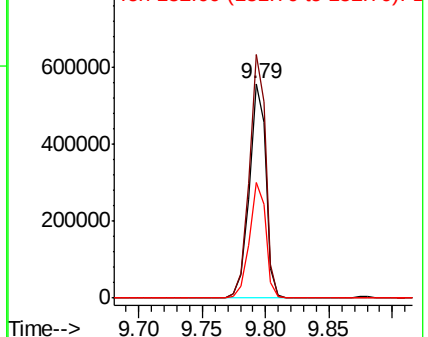


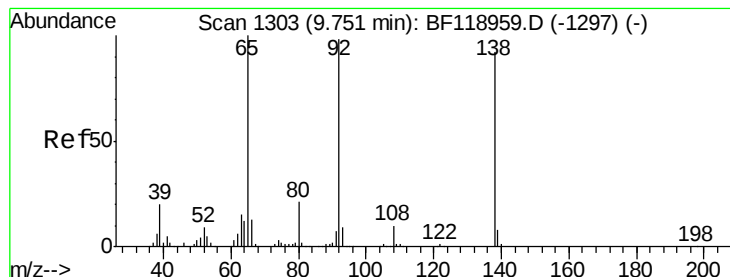
#52
Acenaphthene
Concen: 44.732 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:154 Resp: 505784
Ion Ratio Lower Upper
154 100
153 113.4 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: 26.284 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

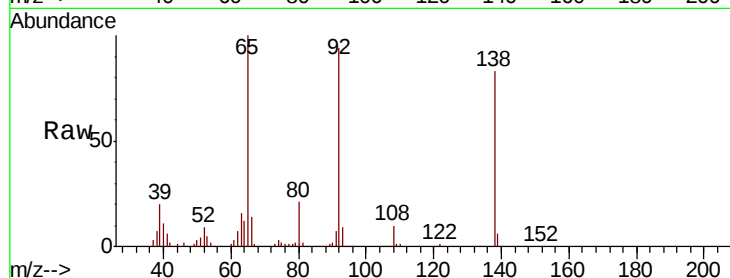
Tot Ion:138 Resp: 98685

Ion Ratio Lower Upper

138 100

108 12.2 8.8 13.2

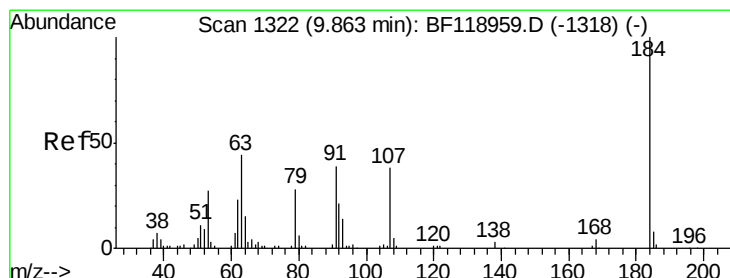
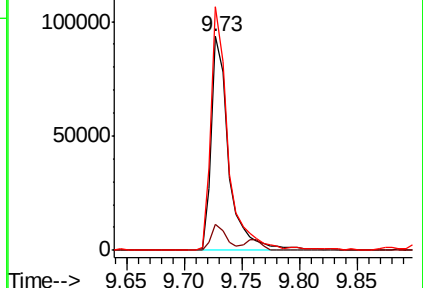
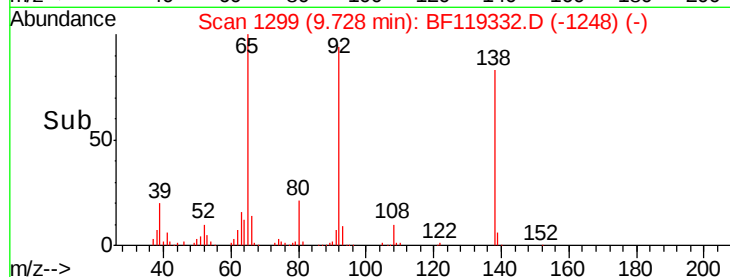
92 113.9 84.8 127.2



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: 14.401 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.03 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

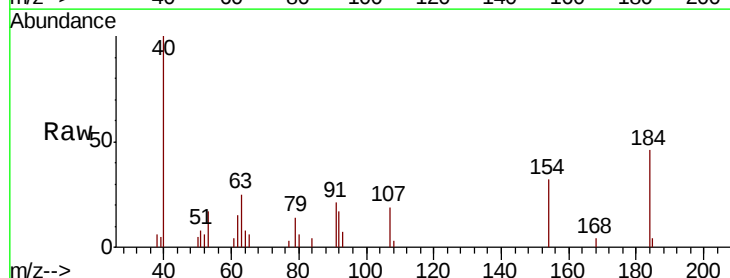
Tgt Ion:184 Resp: 12575

Ion Ratio Lower Upper

184 100

63 53.5 38.7 58.1

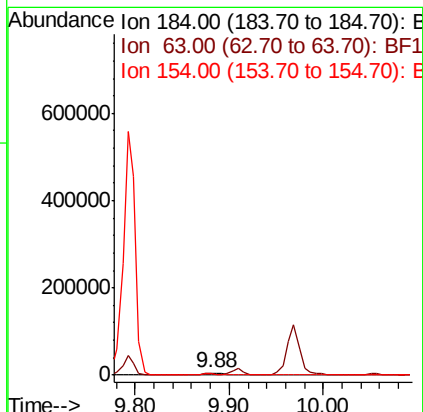
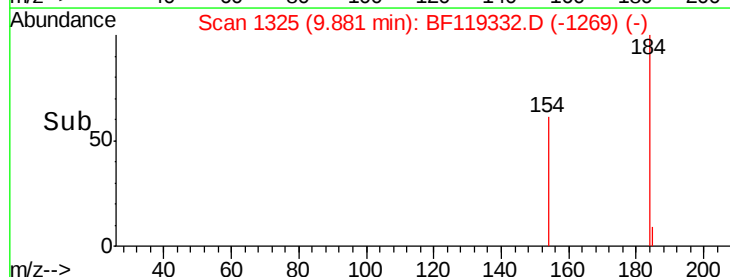
154 68.6 49.7 74.5

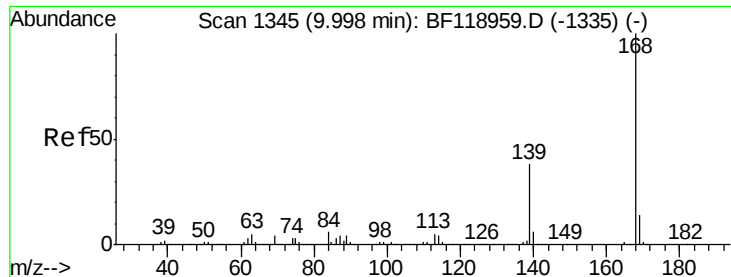


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

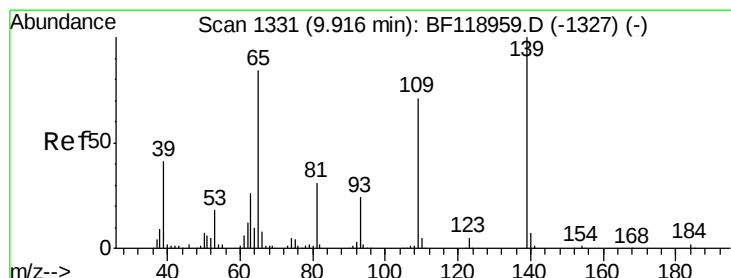
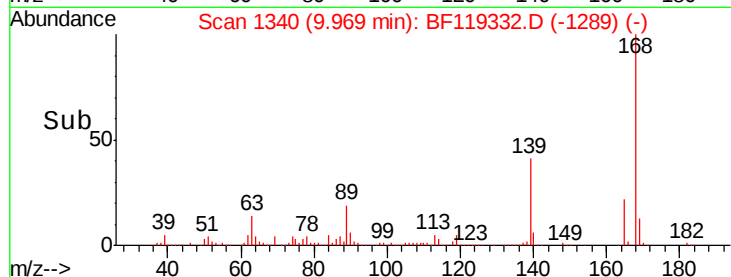
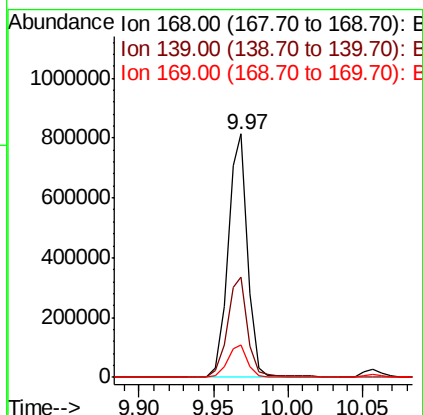
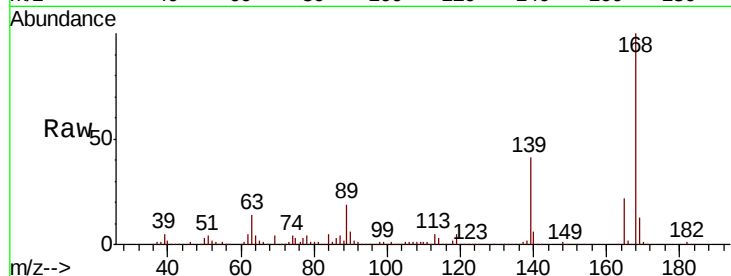




#55
Dibenzofuran
Concen: 44.372 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

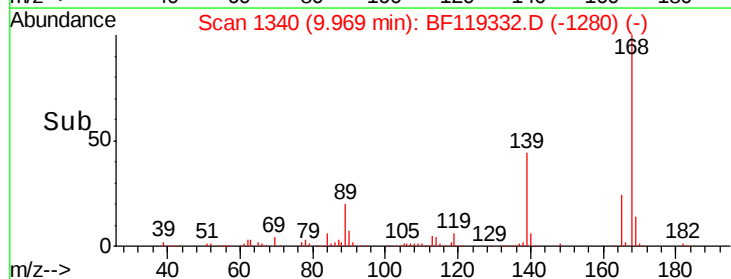
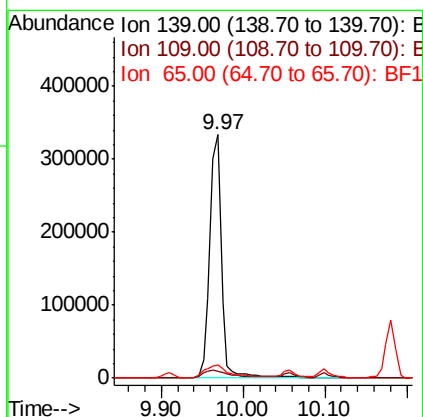
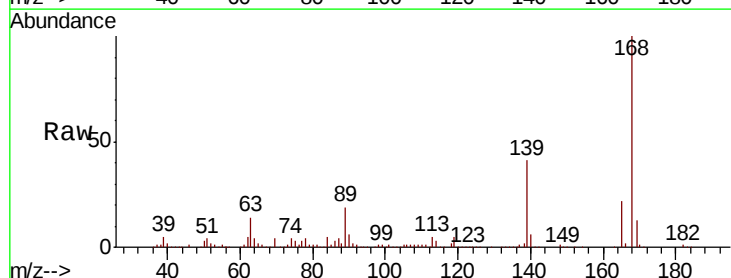
Instrument :
BNA_F
ClientSampleId :

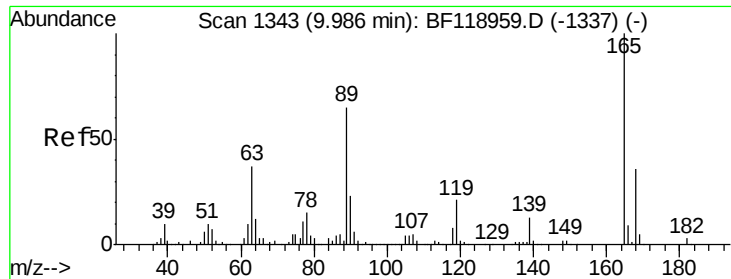
Tot Ion:168 Resp: 748845
Ion Ratio Lower Upper
168 100
139 41.0 34.0 51.0
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 149.310 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.05 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:139 Resp: 336813
Ion Ratio Lower Upper
139 100
109 3.0 56.7 96.7#
65 5.6 65.0 105.0#

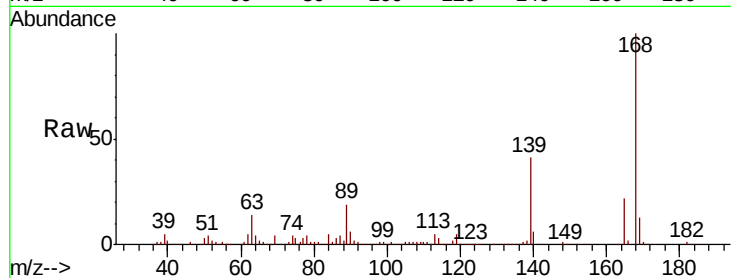




#57
2,4-Dinitrotoluene
Concen: 38.018 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.3	42.3	63.5#
89	85.6	60.2	90.4
182	2.9	2.3	3.5



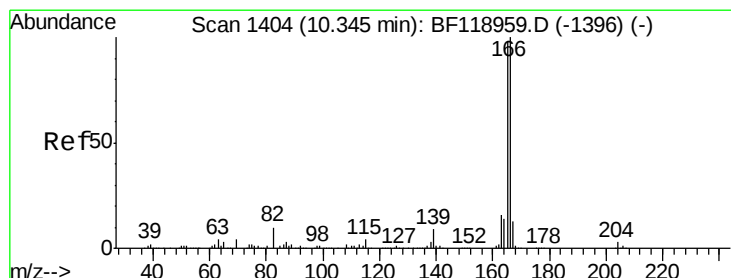
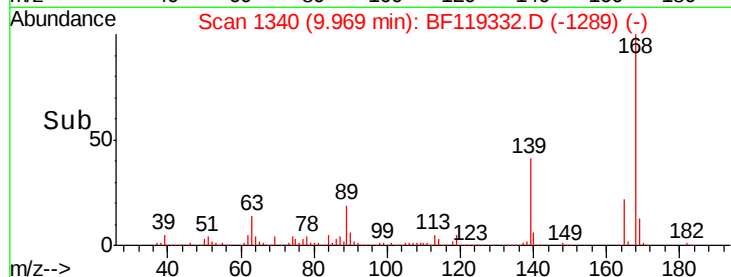
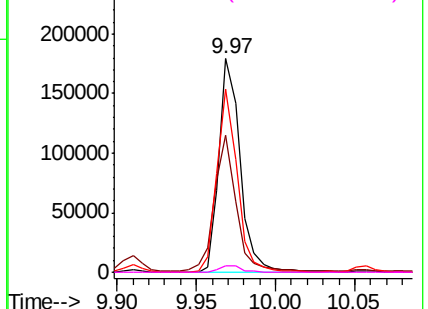
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

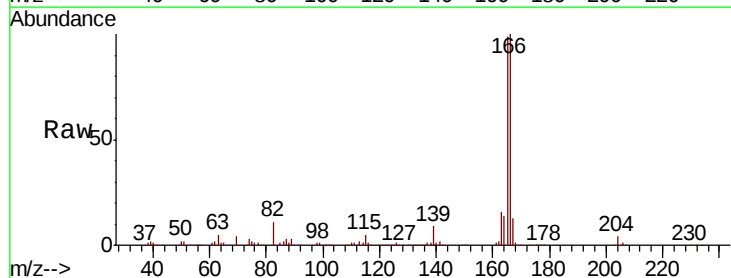
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.865 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.5	117.7
167	13.3	11.0	16.4

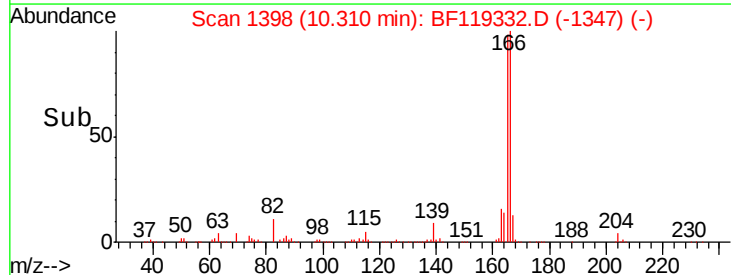
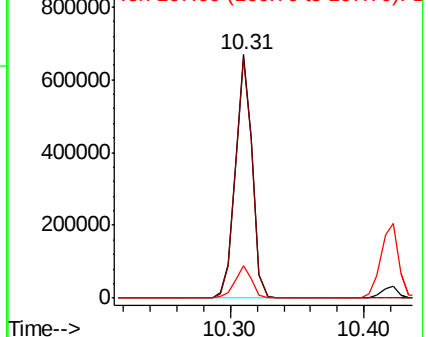


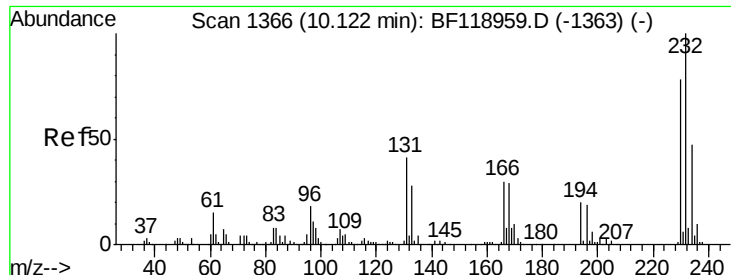
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

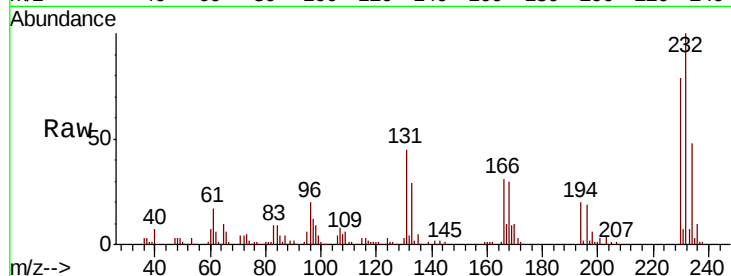




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.534 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.6	33.8	50.8
130	2.3	1.8	2.6
166	27.2	23.0	34.4



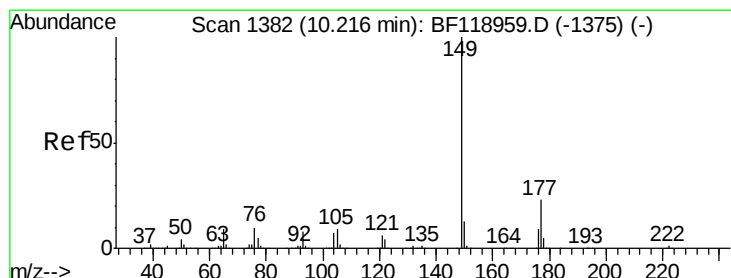
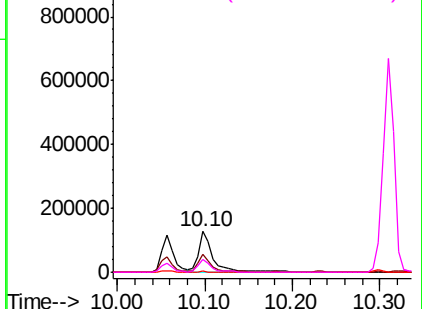
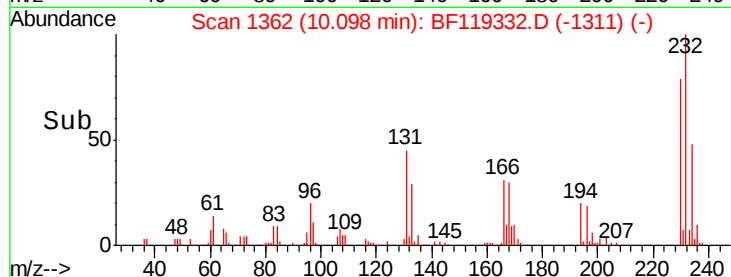
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

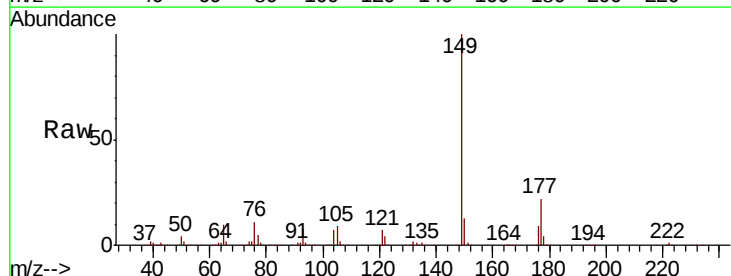
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 49.526 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

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

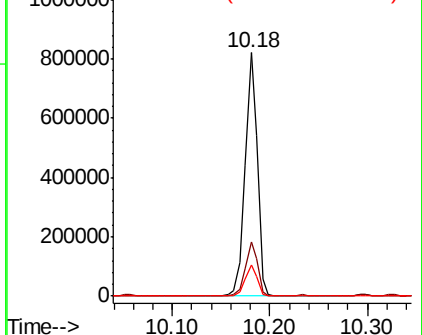
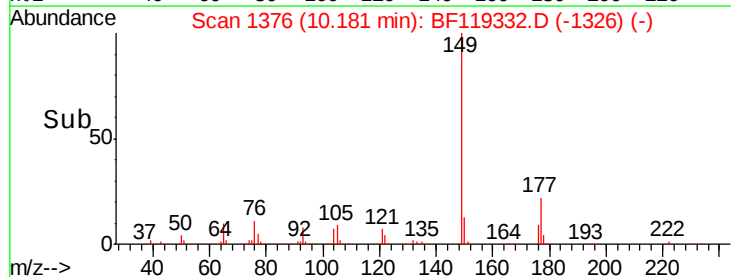


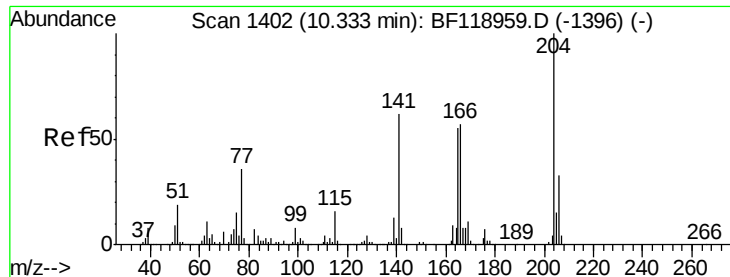
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

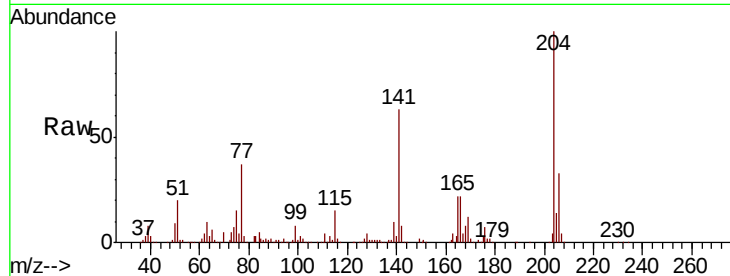




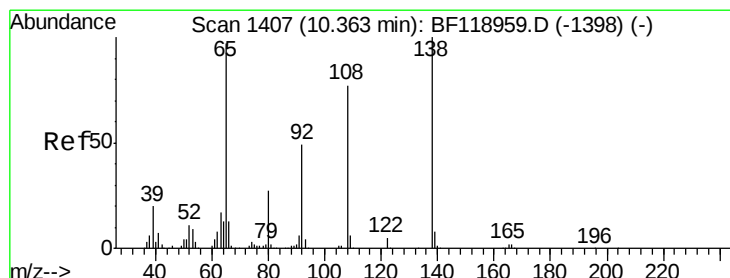
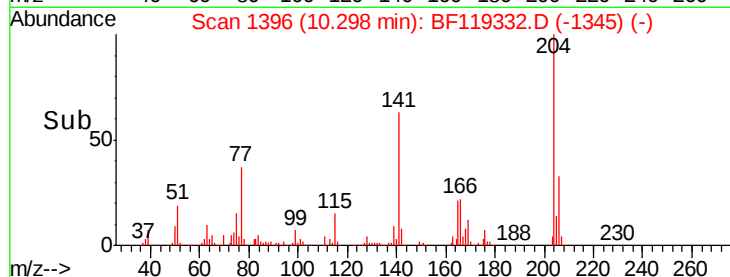
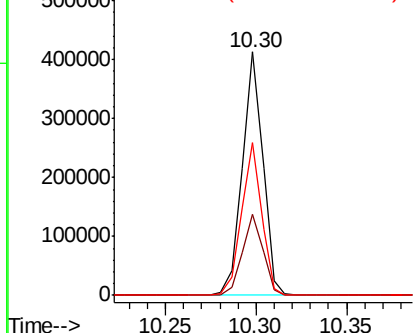
#61
4-Chlorophenyl-phenylether
Concen: 46.732 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 324387
Ion Ratio Lower Upper
204 100
206 33.2 27.1 40.7
141 63.0 52.9 79.3

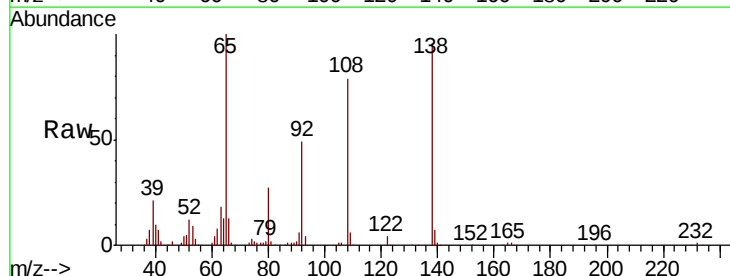


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

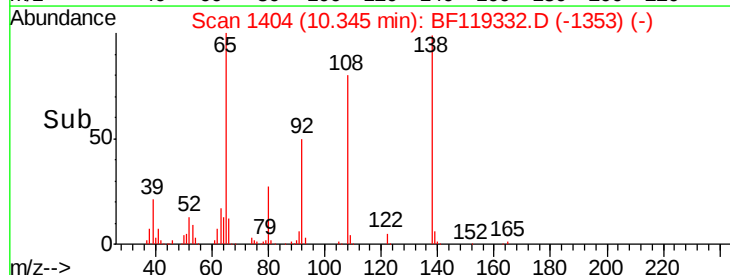
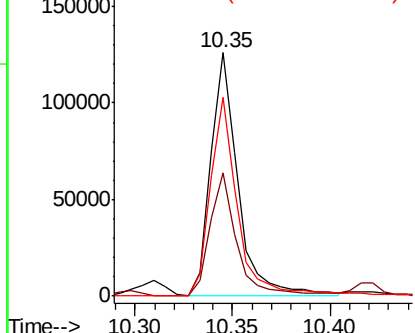


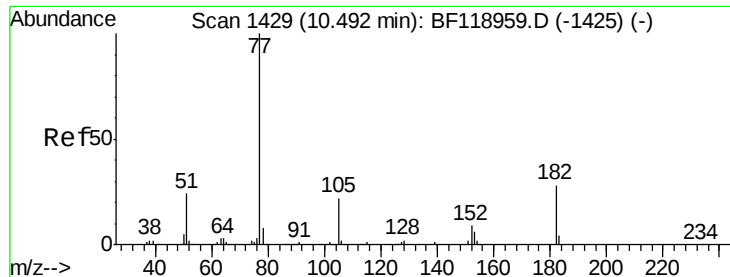
#62
4-Nitroaniline
Concen: 31.594 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:138 Resp: 121361
Ion Ratio Lower Upper
138 100
92 50.5 27.3 67.3
108 81.9 57.0 97.0



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

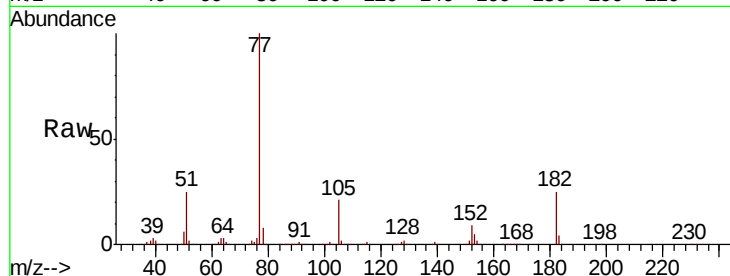




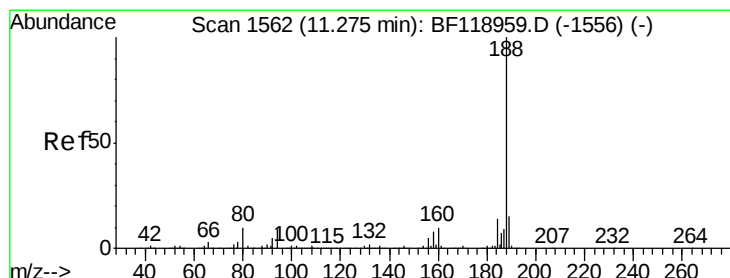
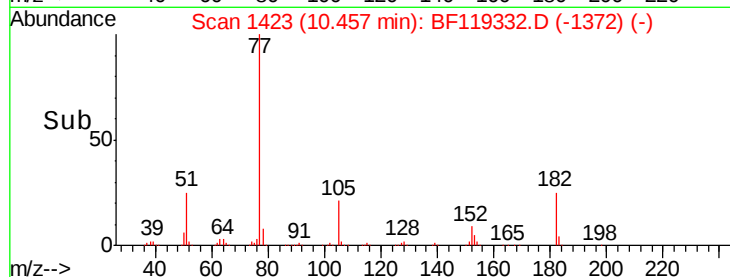
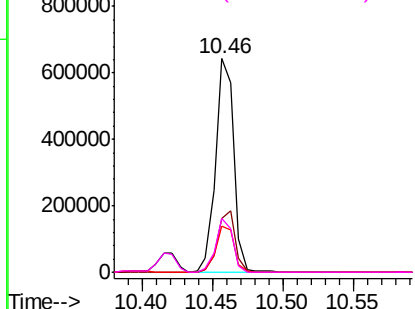
#63
Azobenzene
Concen: 45.943 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	573667
Ion	Ratio	Lower	Upper
77	100		
182	25.1	11.4	51.4
105	21.4	3.4	43.4
51	25.0	5.1	45.1

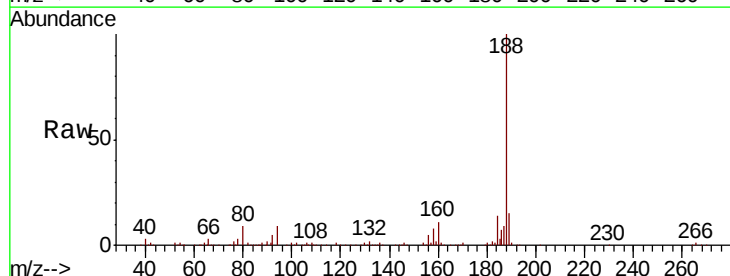


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

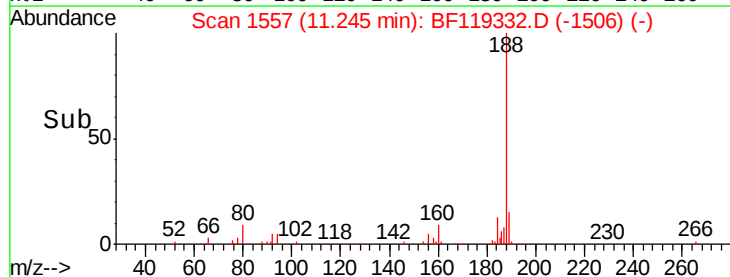
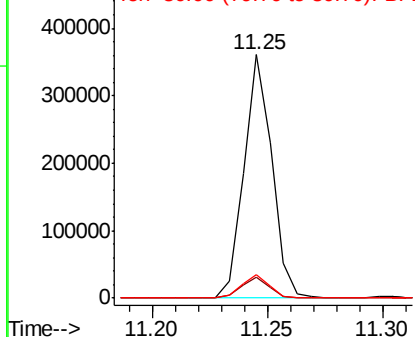


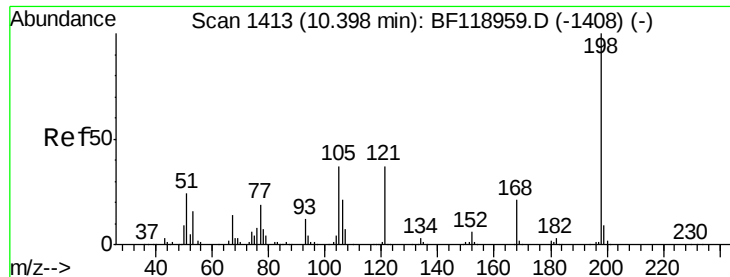
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:	188	Resp:	304810
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.4	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

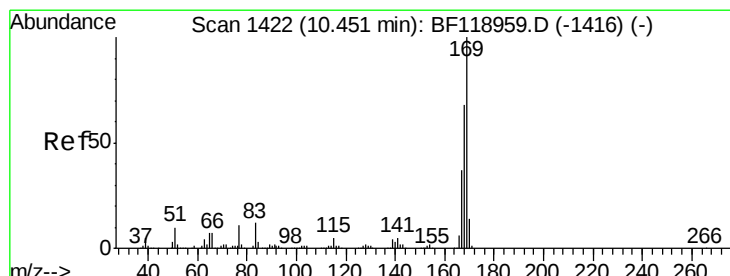
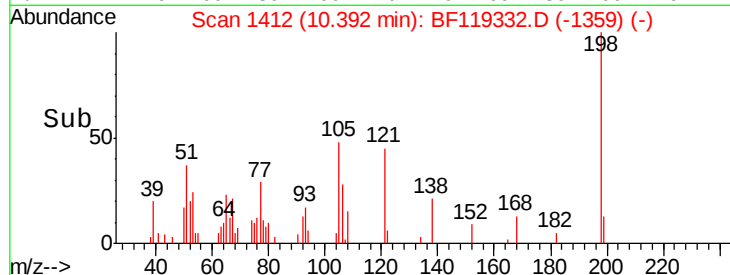
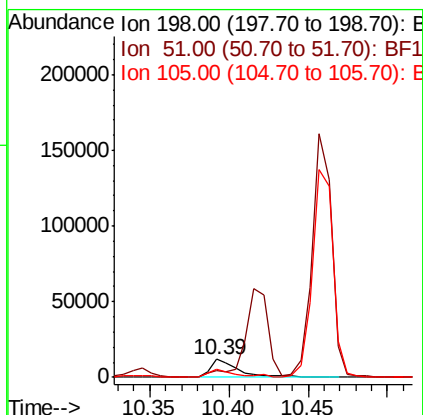
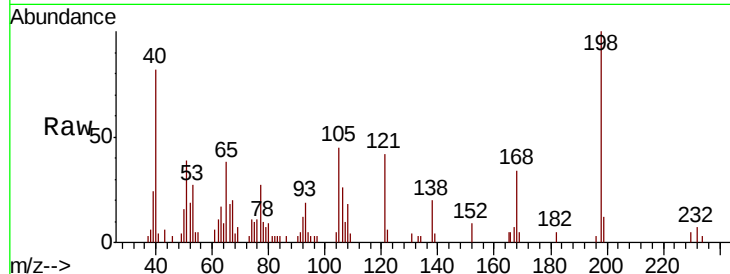




#65
4,6-Dinitro-2-methylphenol
Concen: 8.109 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

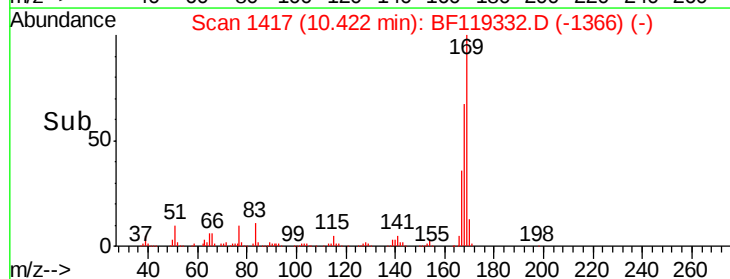
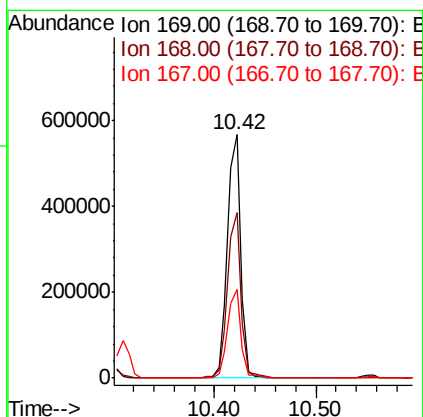
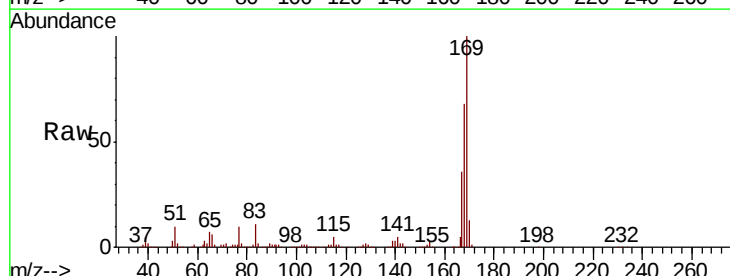
Instrument :
BNA_F
ClientSampleId :

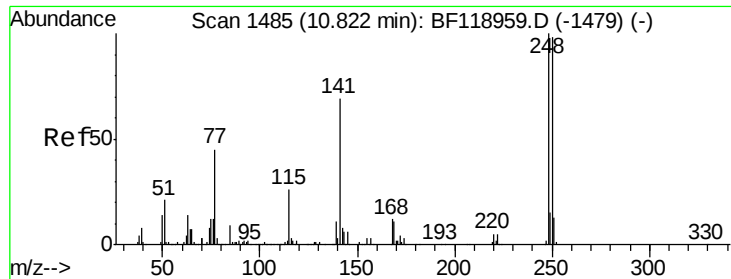
Tot Ion:198 Resp: 14957
Ion Ratio Lower Upper
198 100
51 39.1 14.2 54.2
105 45.0 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 52.102 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:169 Resp: 520006
Ion Ratio Lower Upper
169 100
168 68.0 54.1 81.1
167 36.4 29.4 44.0

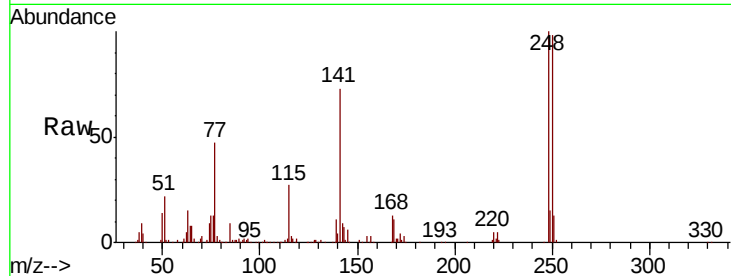




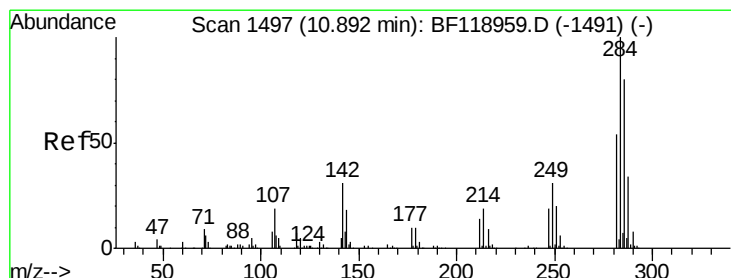
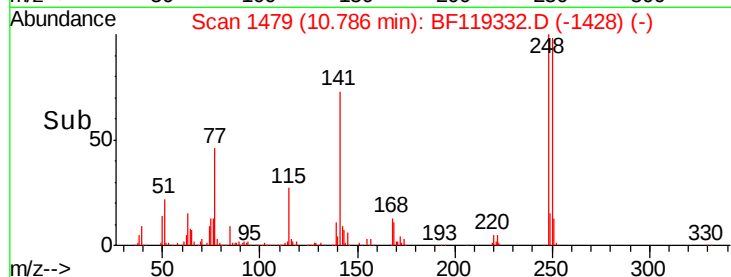
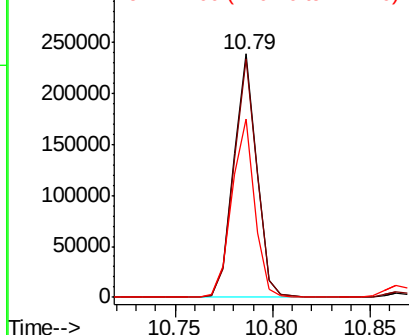
#67
4-Bromophenyl-phenylether
Concen: 49.125 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 195725
Ion Ratio Lower Upper
248 100
250 98.2 76.7 115.1
141 73.3 60.7 91.1

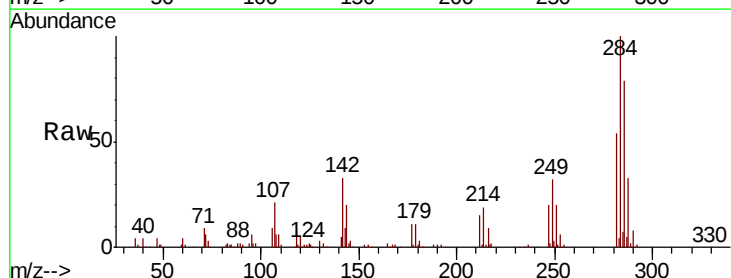


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

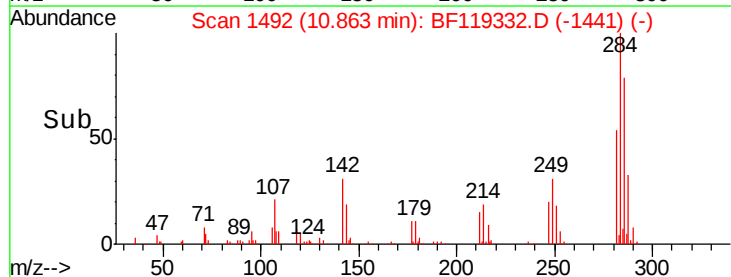
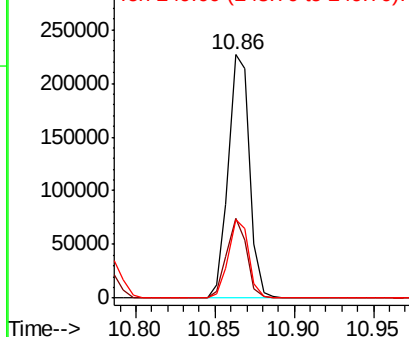


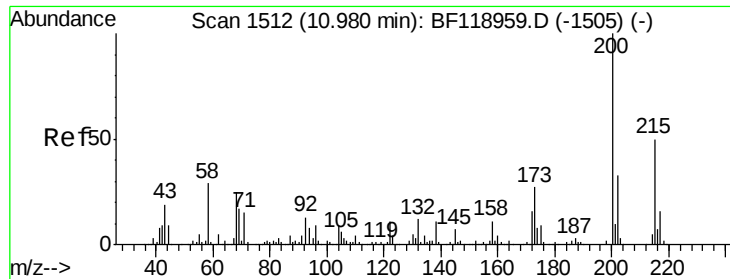
#68
Hexachlorobenzene
Concen: 46.144 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:284 Resp: 211967
Ion Ratio Lower Upper
284 100
142 32.9 23.7 35.5
249 32.4 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: 48.985 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

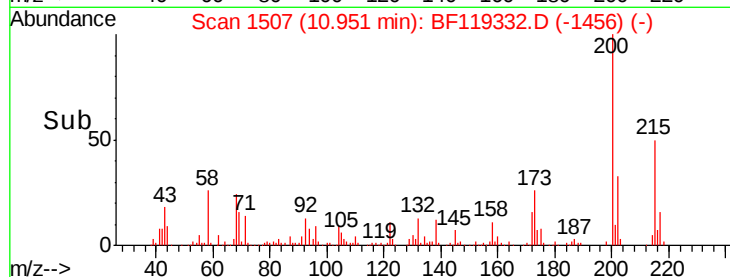
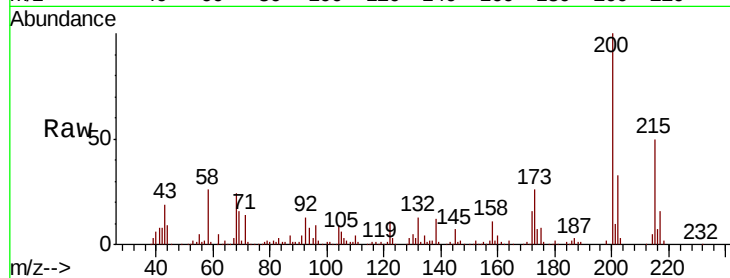
Tot Ion:200 Resp: 170817

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

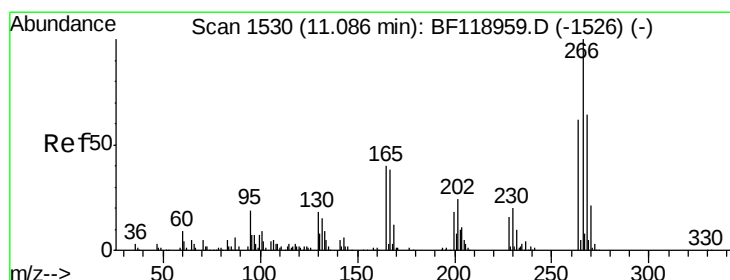
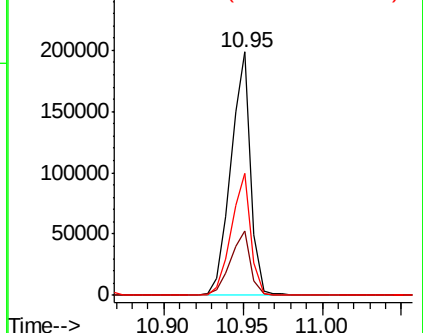
215 50.0 27.4 67.4



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: 62.987 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

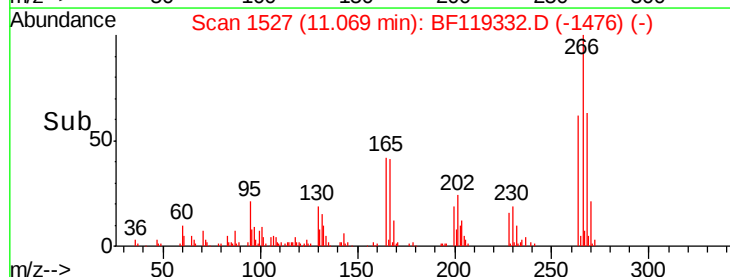
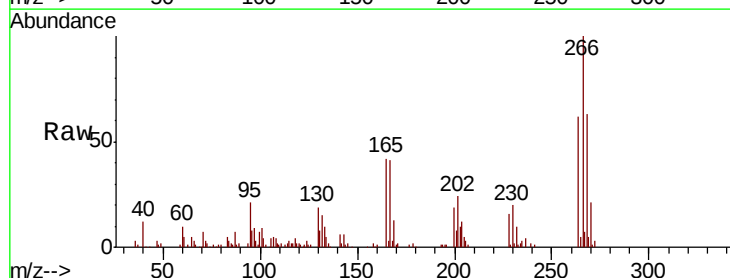
Tgt Ion:266 Resp: 116553

Ion Ratio Lower Upper

266 100

268 62.6 51.9 77.9

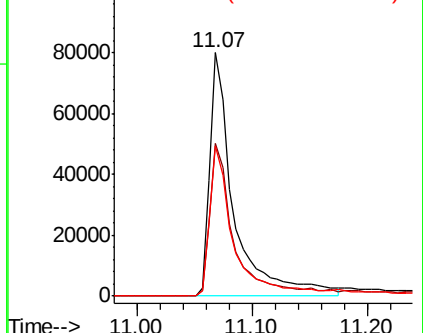
264 61.7 51.0 76.4

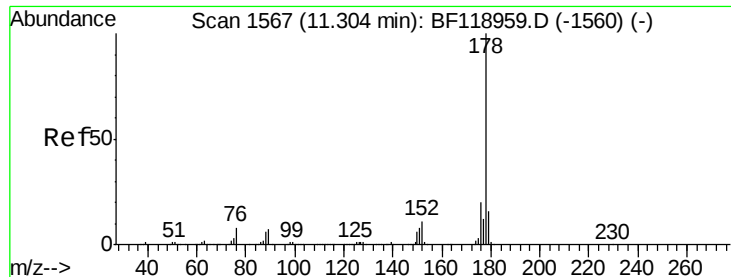


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

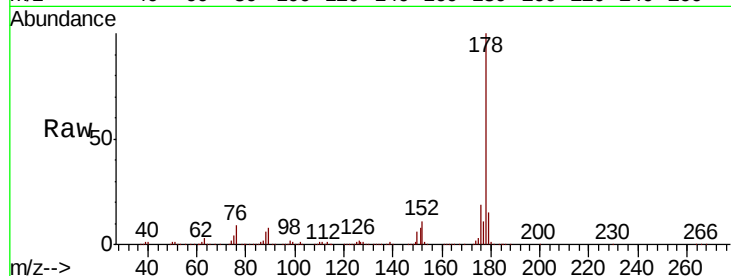




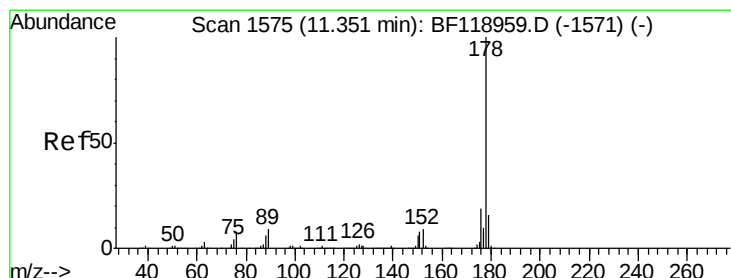
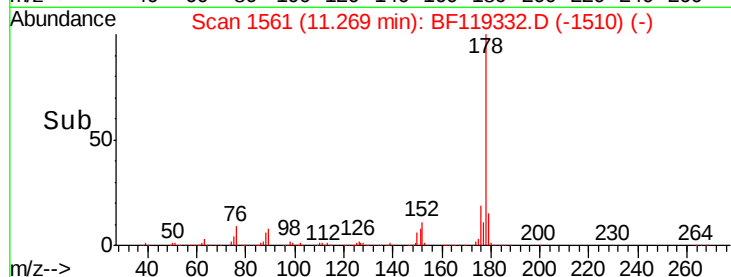
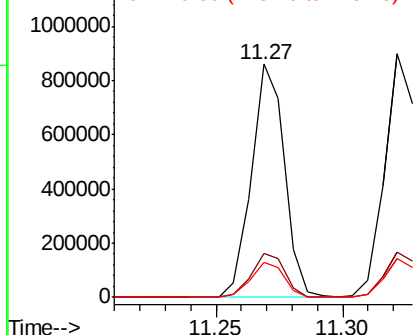
#71
Phenanthrene
Concen: 47.144 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 783664
Ion Ratio Lower Upper
178 100
176 19.1 16.5 24.7
179 15.3 13.0 19.6

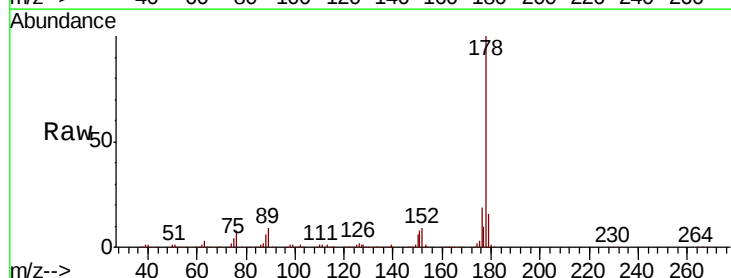


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

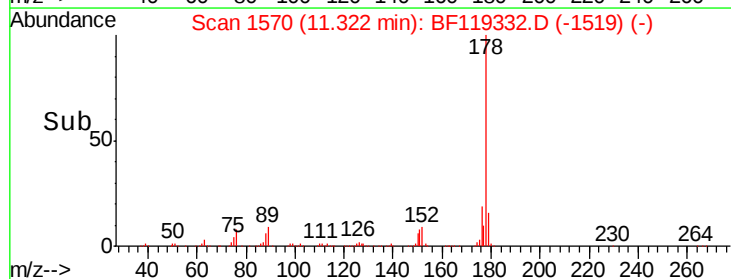
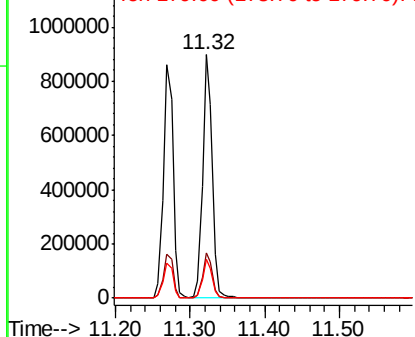


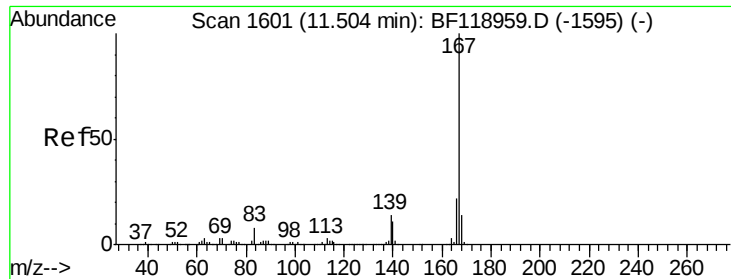
#72
Anthracene
Concen: 49.399 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:178 Resp: 820471
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 15.7 13.1 19.7



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

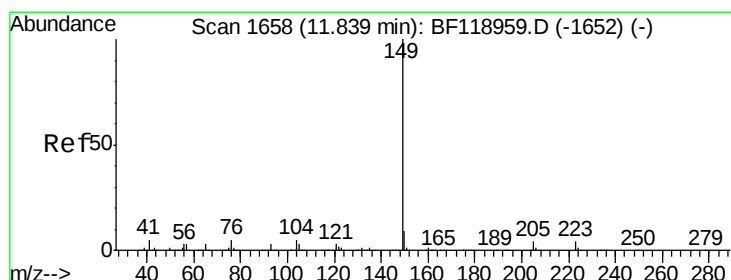
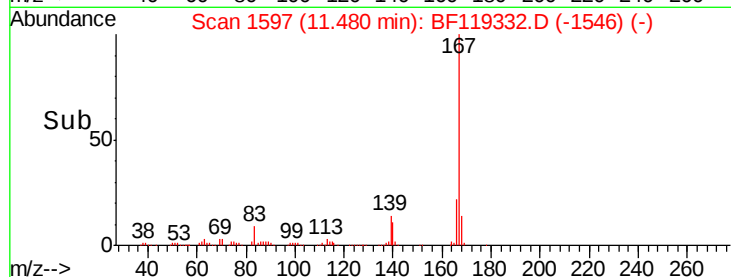
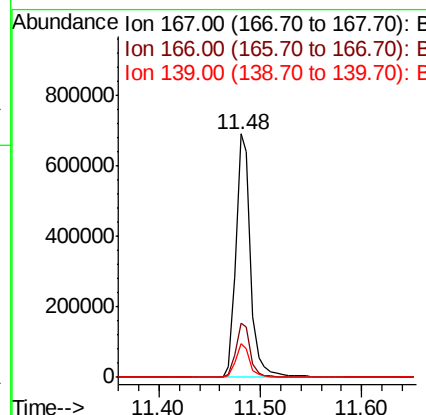
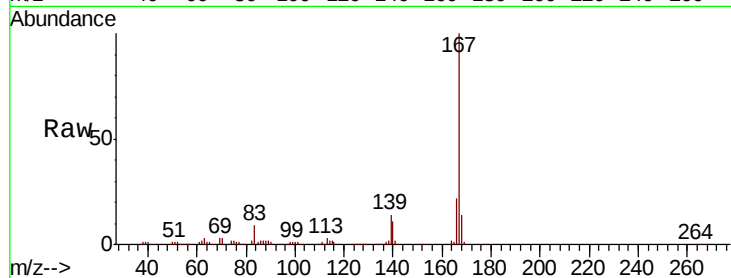




#73
 Carbazole
 Concen: 46.922 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

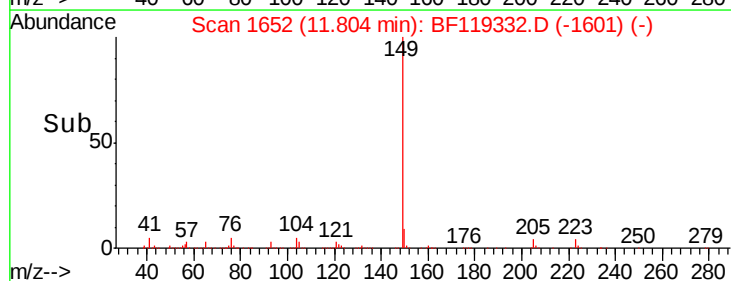
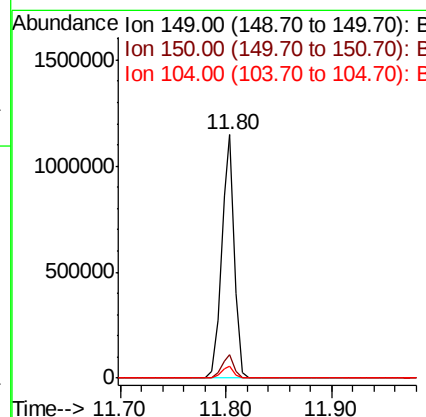
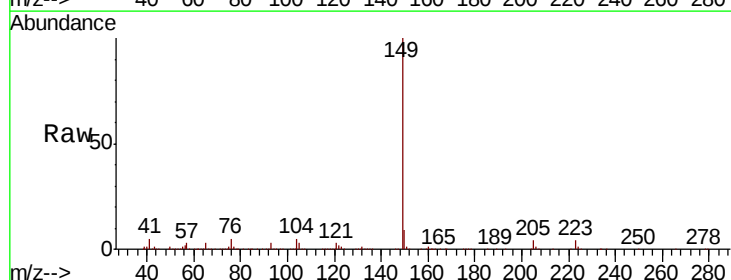
Instrument :
 BNA_F
 ClientSampleId :

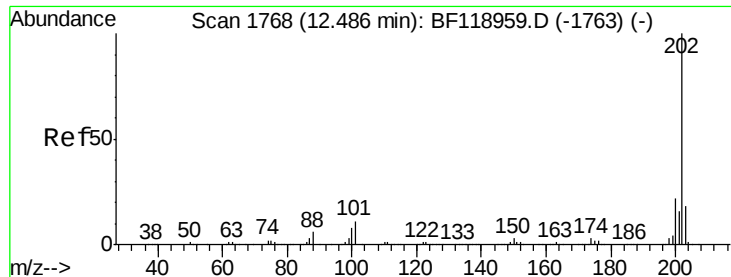
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.4
139	13.9	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 54.297 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.0	4.6	6.8

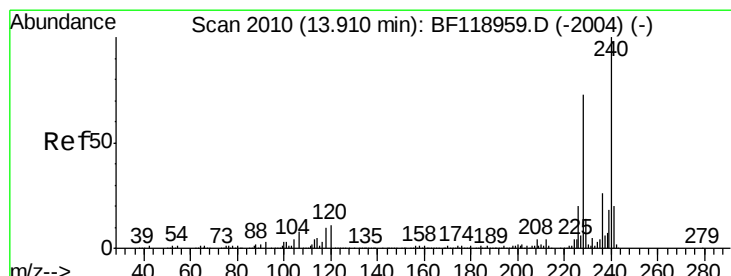
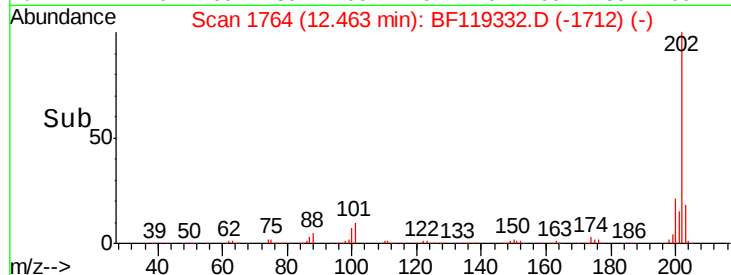
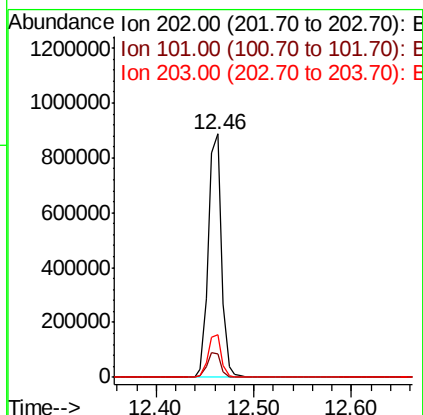
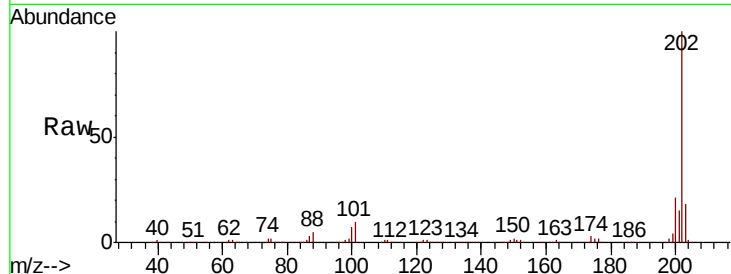




#75
 Fluoranthene
 Concen: 47.174 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

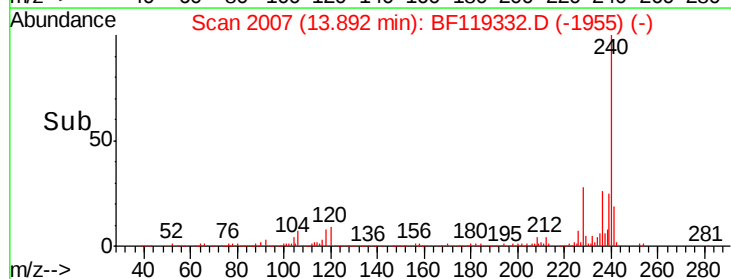
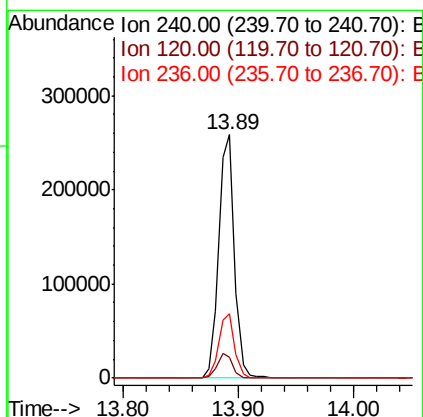
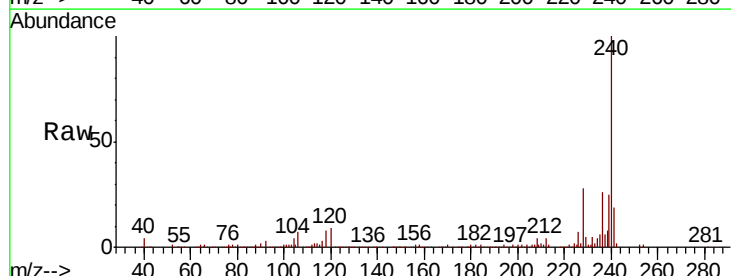
Instrument :
 BNA_F
 ClientSampled :

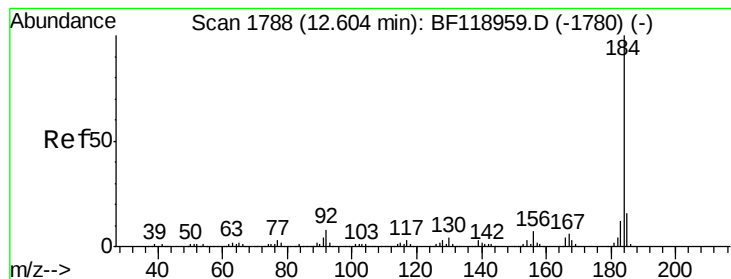
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.3
203	17.7	0.0	38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.4	12.6
236	26.4	21.0	31.4





#77

Benzidine

Concen: 26.340 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

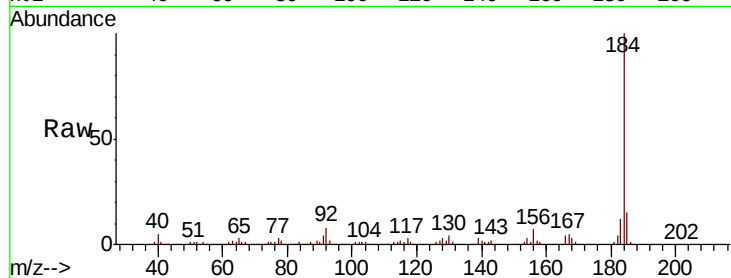
Tot Ion:184 Resp: 261352

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.4

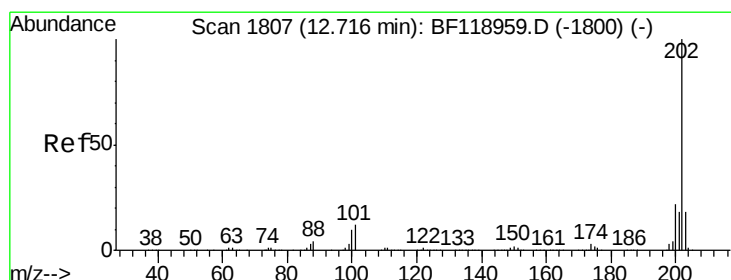
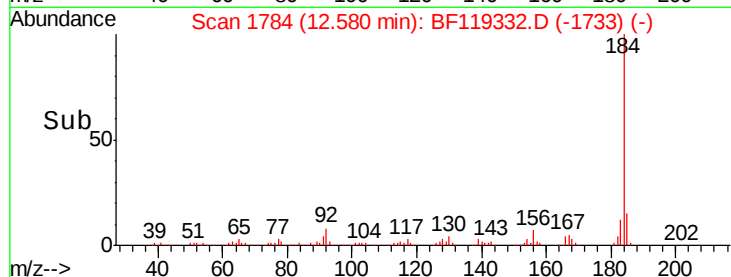
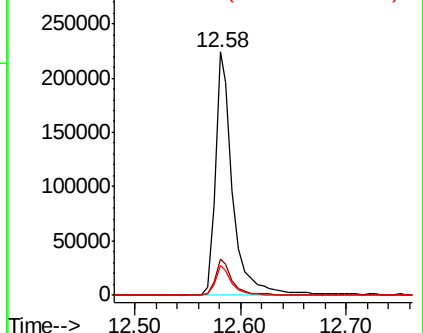
183 12.1 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.058 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

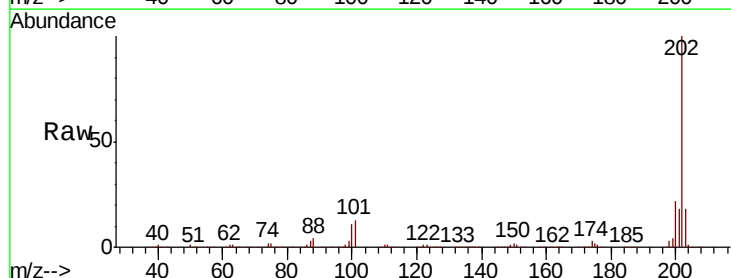
Tgt Ion:202 Resp: 843533

Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

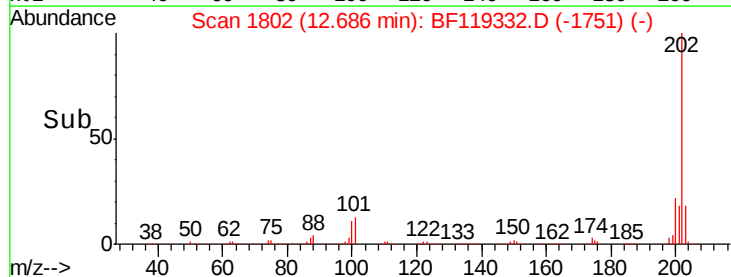
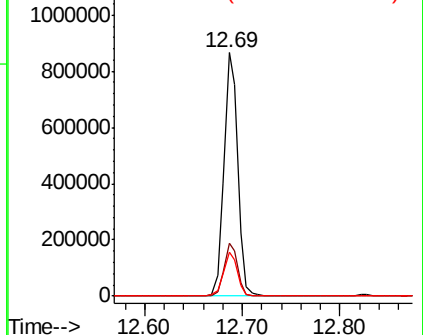
203 18.1 14.6 22.0

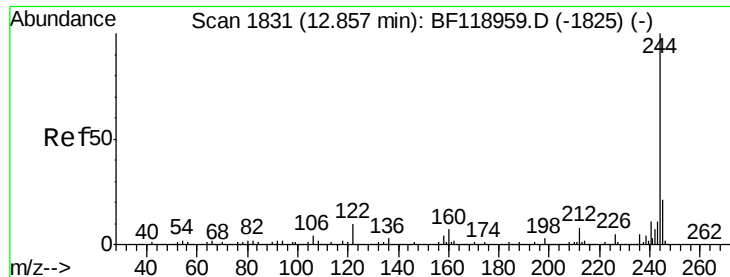


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



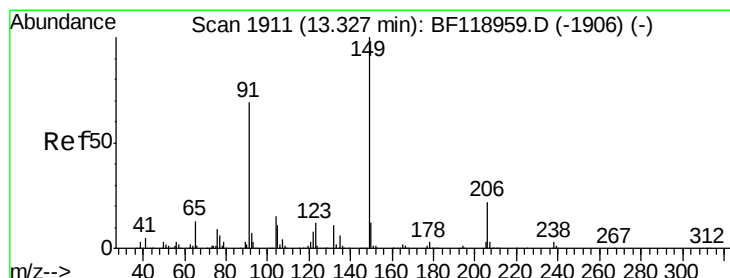
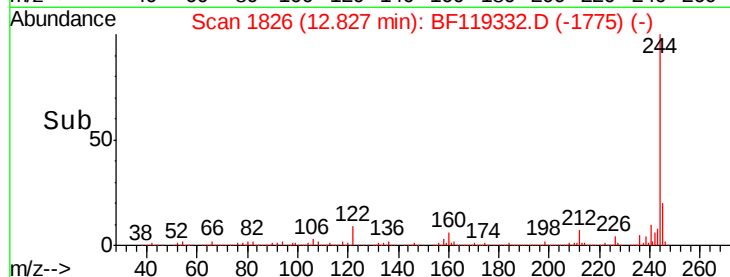
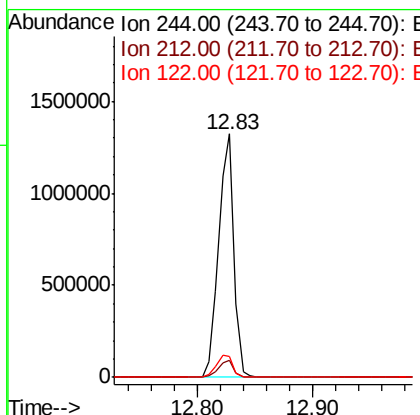
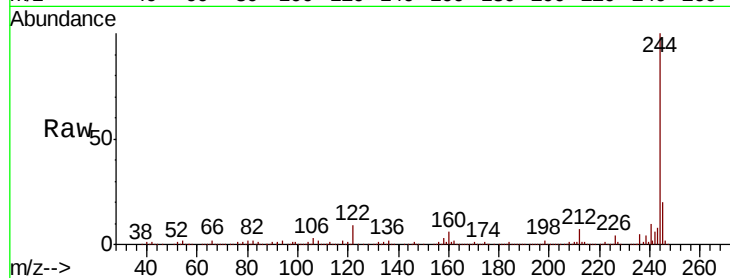


#79
 Terphenyl-d14
 Concen: 85.627 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1213378

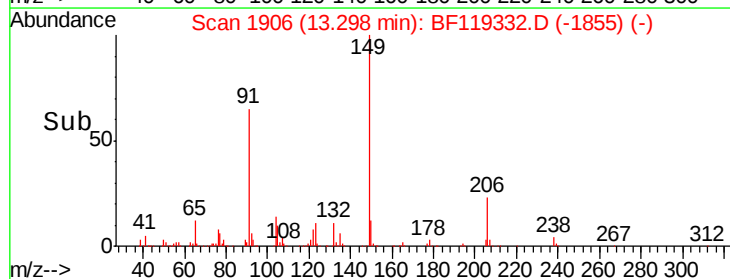
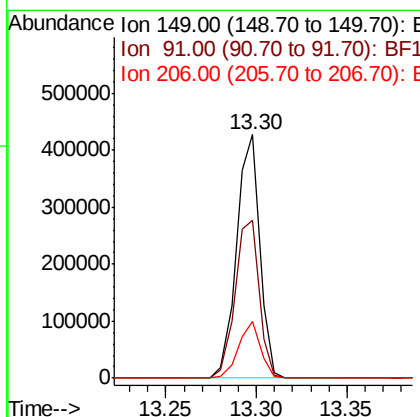
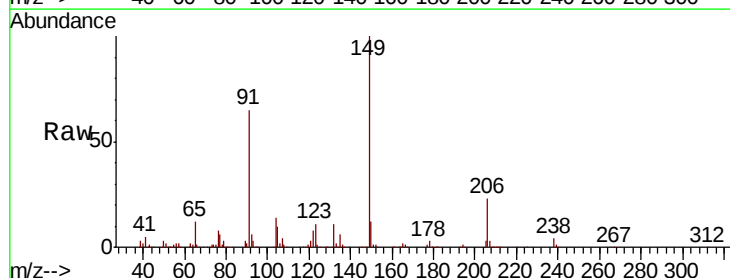
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	10.0
122	8.8	8.2	12.2

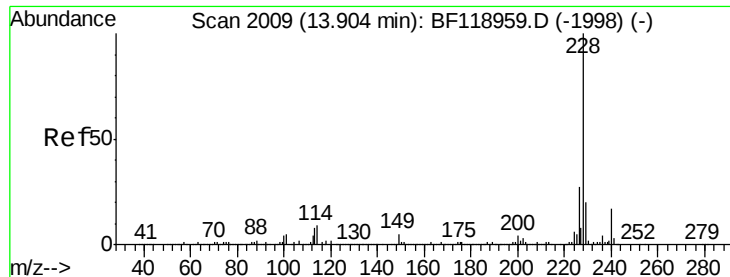


#80
 Butylbenzylphthalate
 Concen: 46.096 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion:149 Resp: 380071

Ion	Ratio	Lower	Upper
149	100		
91	65.1	52.3	78.5
206	23.5	18.5	27.7





#81

Benzo(a)anthracene

Concen: 49.431 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

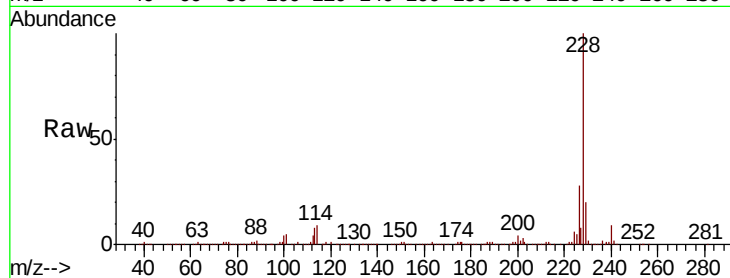
Tot Ion:228 Resp: 821711

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

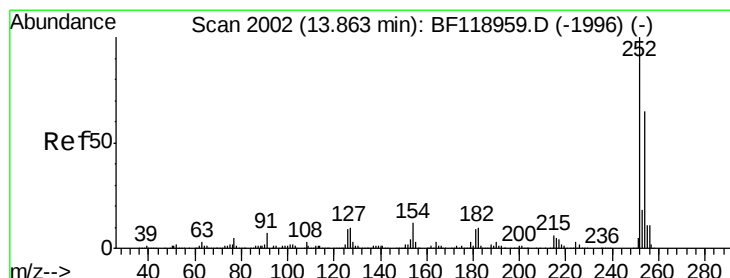
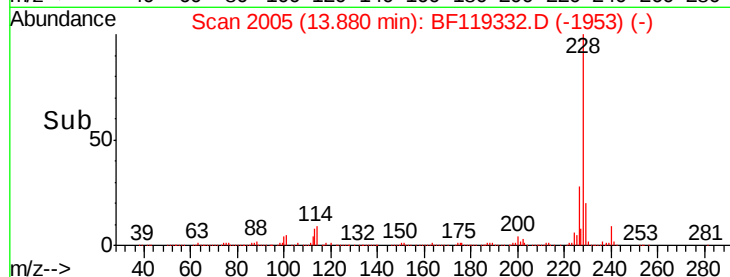
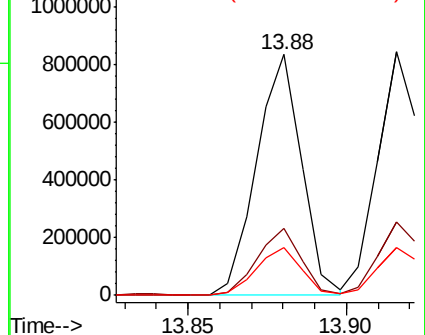
229 20.0 16.6 24.8



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: 46.619 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

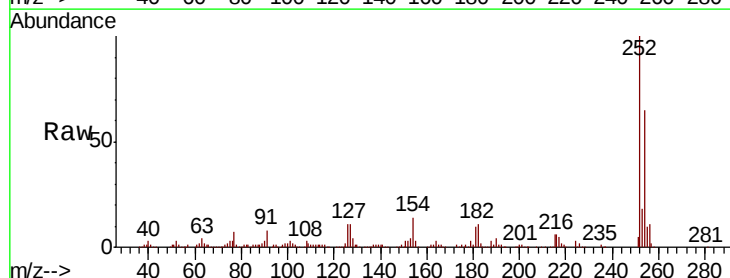
Tgt Ion:252 Resp: 300923

Ion Ratio Lower Upper

252 100

254 64.8 51.6 77.4

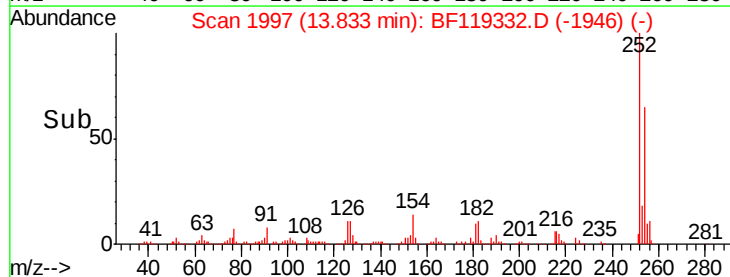
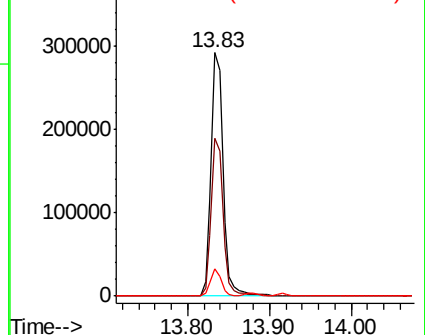
126 11.3 7.4 11.0#

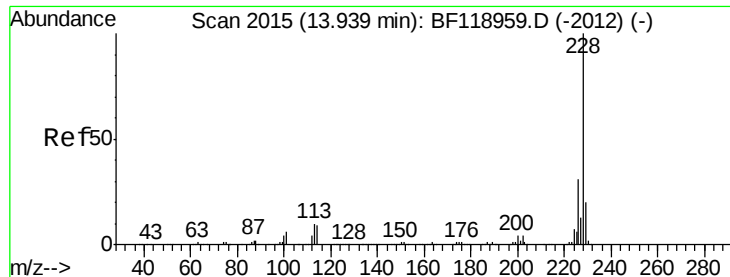


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

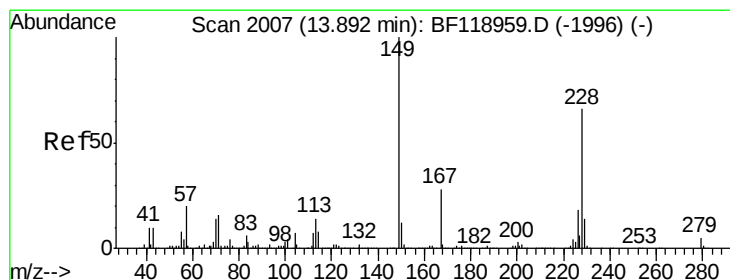
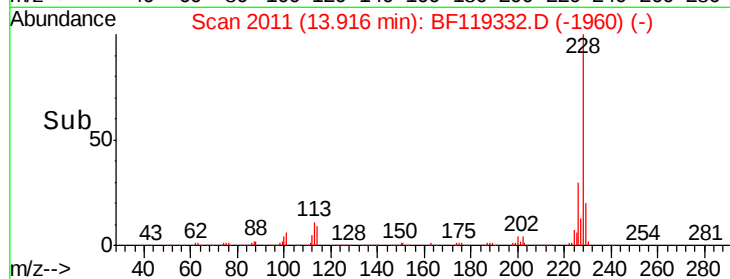
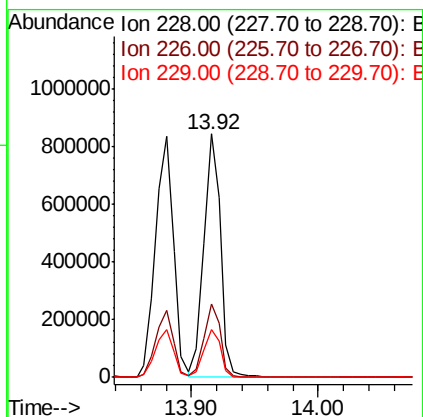
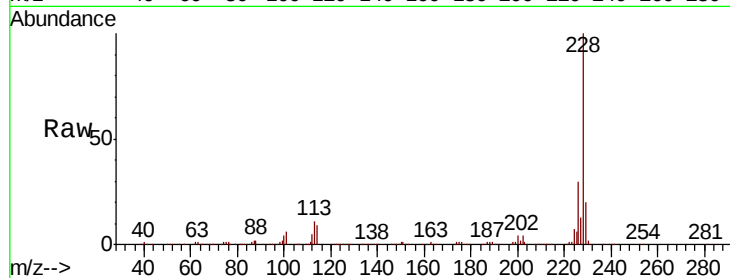




#83
 Chrvsene
 Concen: 46.455 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

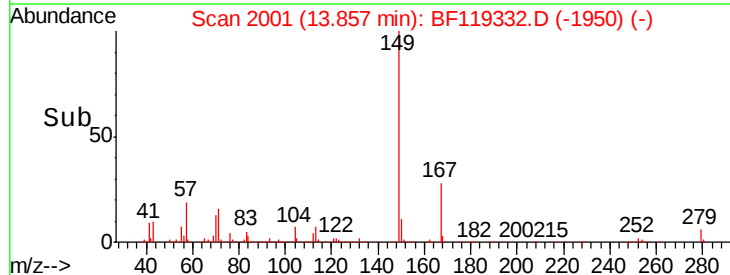
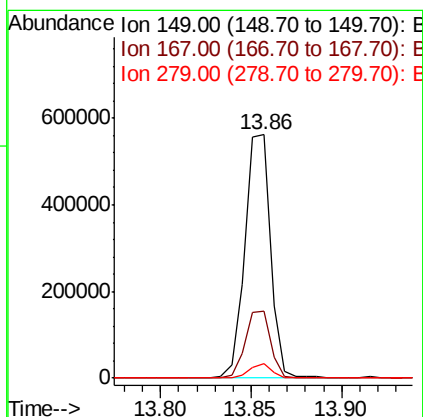
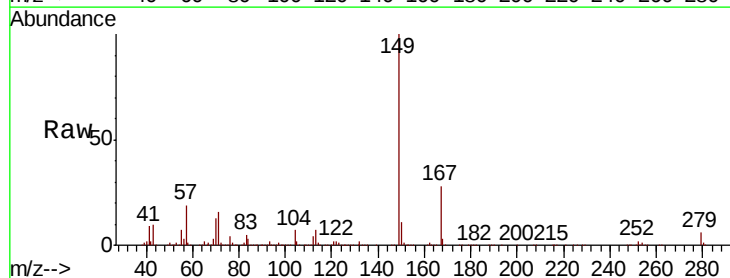
Instrument :
 BNA_F
 ClientSampled :

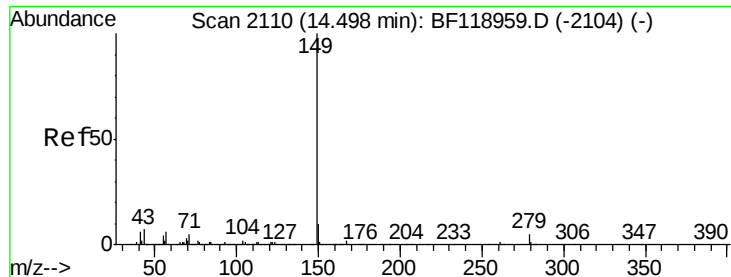
Tot Ion:228 Resp: 769476
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.1 37.7
 229 19.7 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.061 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion:149 Resp: 552711
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.8 34.2
 279 5.9 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 56.881 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

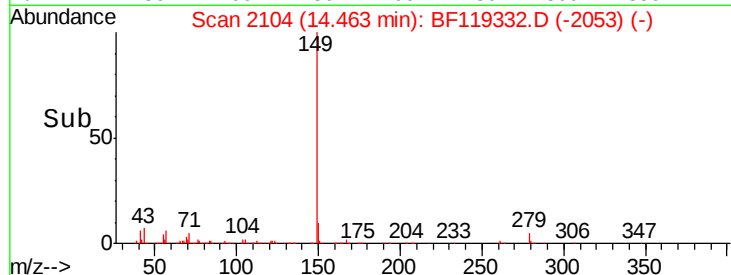
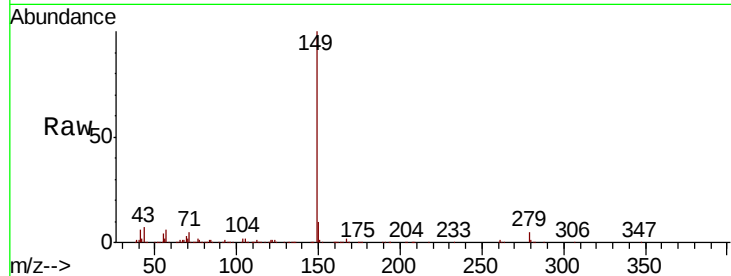
Tot Ion:149 Resp: 944043

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

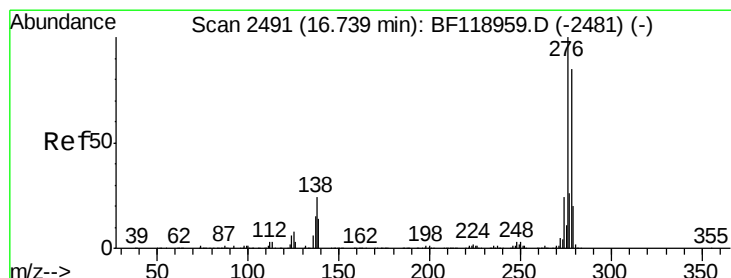
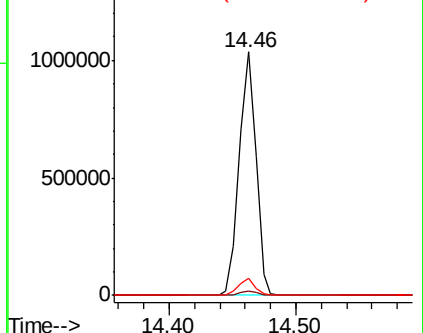
43 6.6 5.7 8.5



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: 37.648 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.02 min

Lab File: BF119332.D

Acq: 11 Mar 2020 1:22

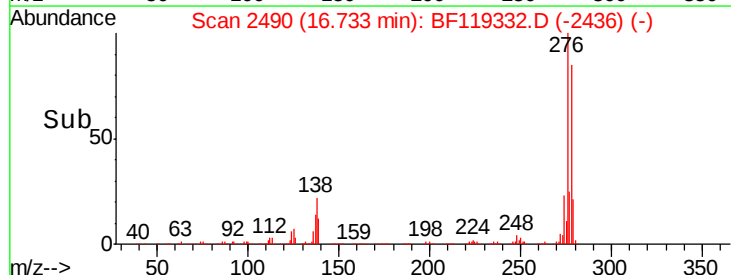
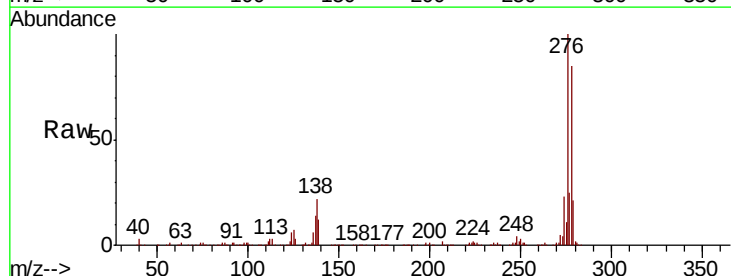
Tgt Ion:276 Resp: 603806

Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

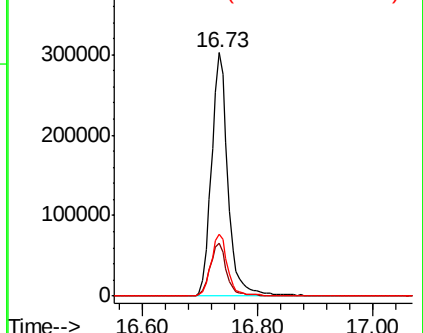
277 25.4 20.3 30.5

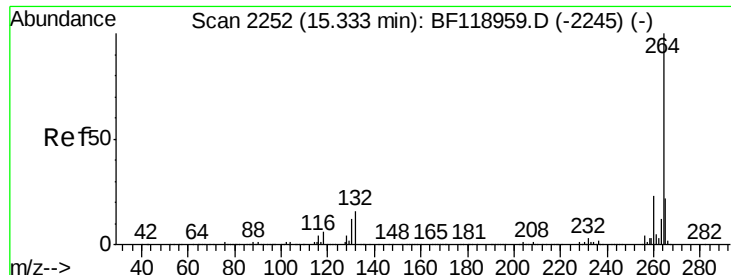


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



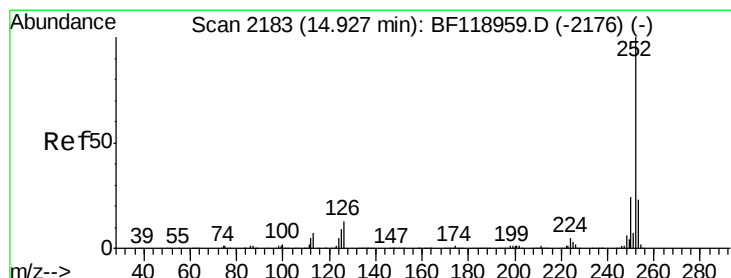
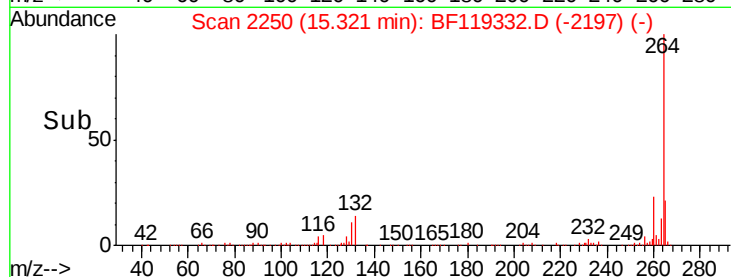
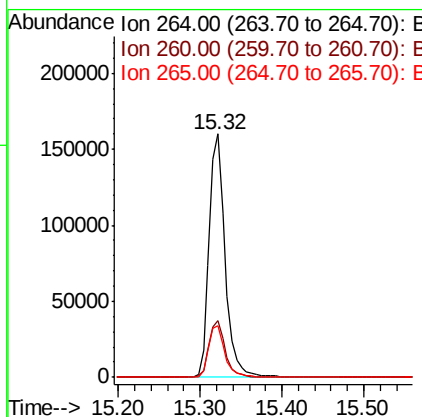
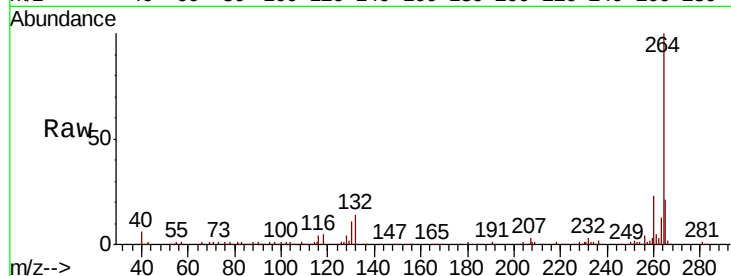


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 218040

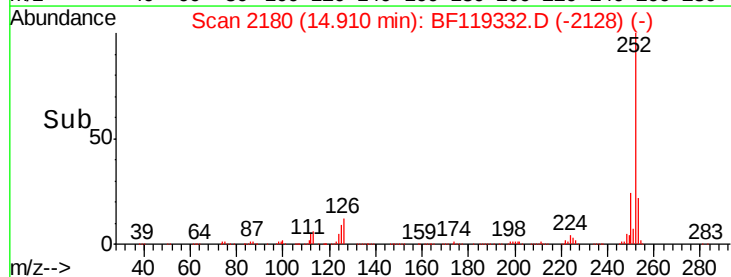
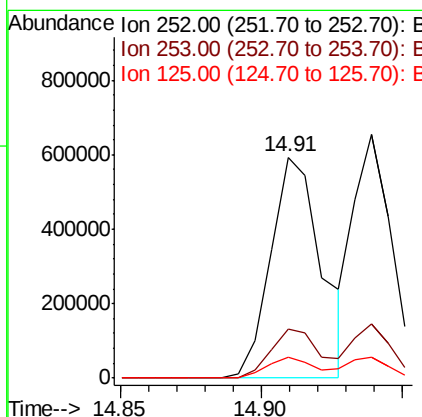
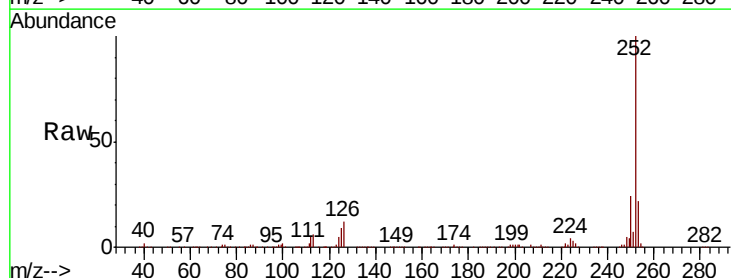
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.1	17.7	26.5

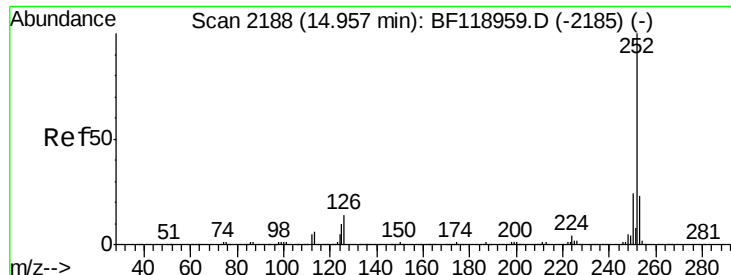


#88
Benzo(b)fluoranthene
Concen: 51.633 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion:252 Resp: 742076

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	9.4	7.4	11.0

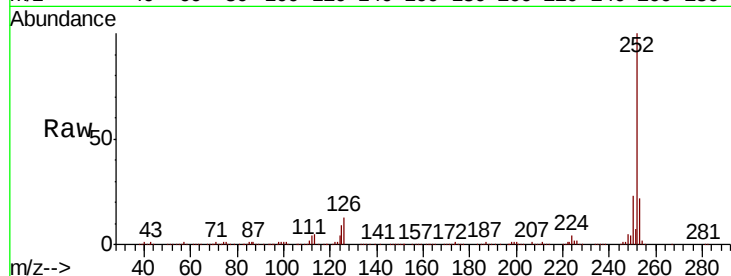




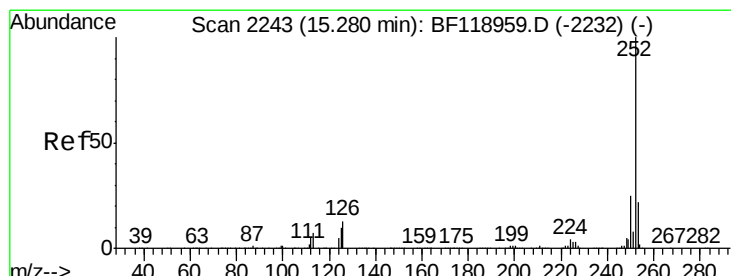
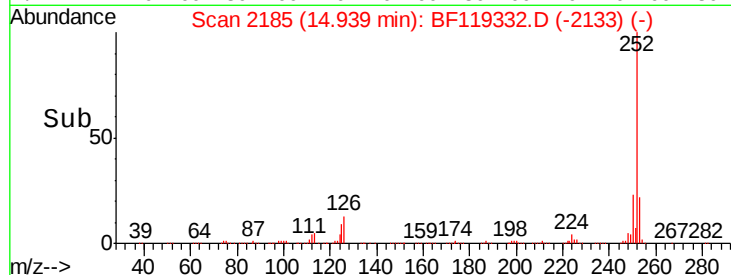
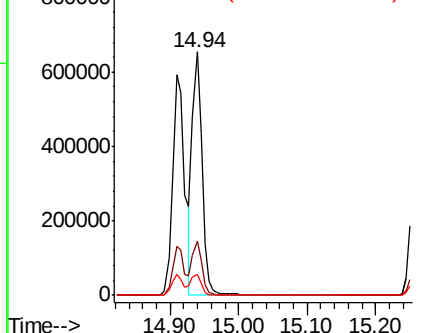
#89
Benzo(k)fluoranthene
Concen: 47.849 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	8.7	7.5	11.3

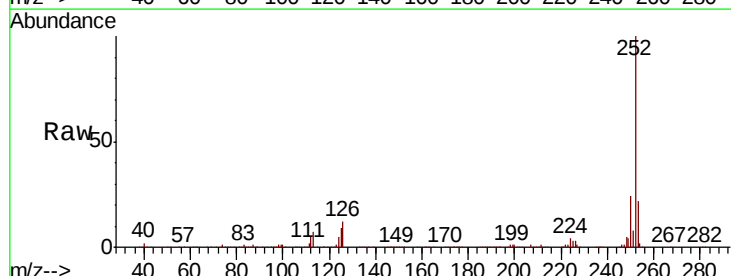


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

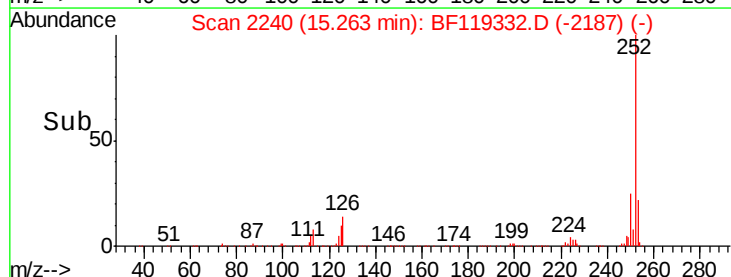
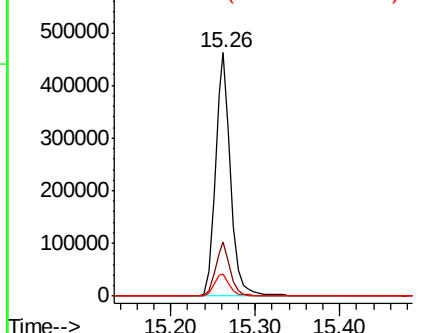


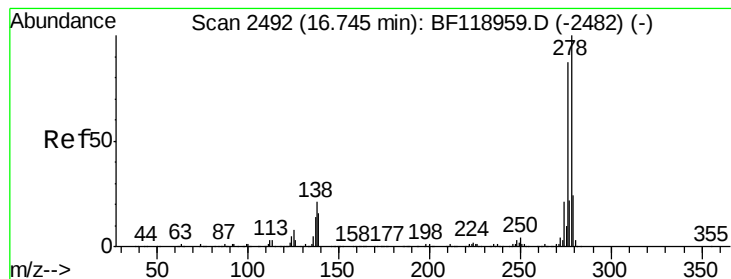
#90
Benzo(a)pyrene
Concen: 44.825 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119332.D
Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.2	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

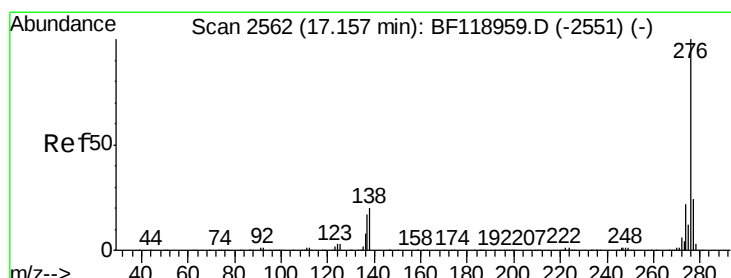
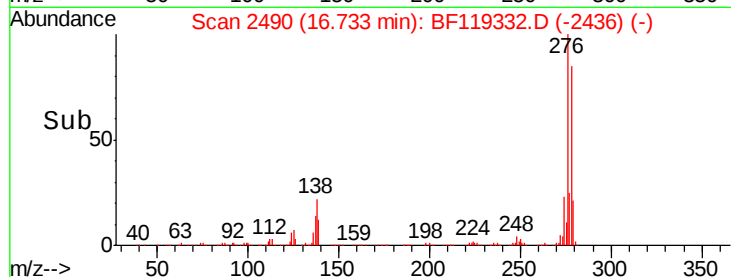
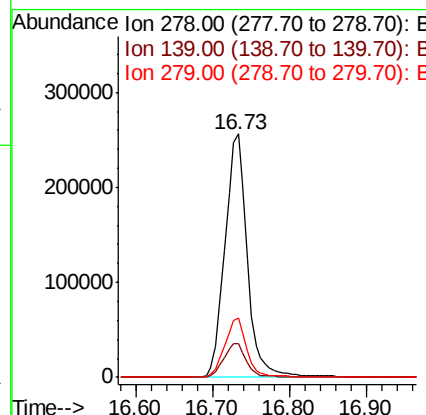
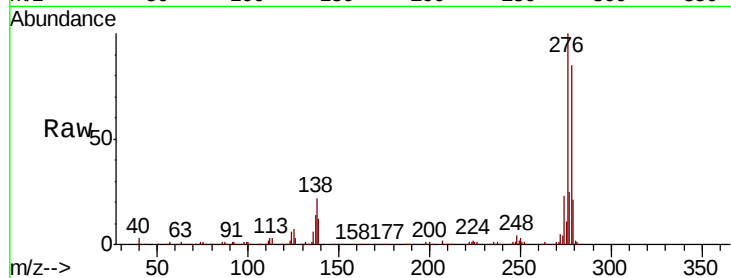




#91
 Dibenzo(a,h)anthracene
 Concen: 45.456 ng
 RT: 16.73 min Scan# 2490
 Delta R.T. 0.02 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.0	16.4
279	24.4	18.6	28.0



#92
 Benzo(g,h,i)perylene
 Concen: 44.051 ng
 RT: 17.16 min Scan# 2562
 Delta R.T. 0.02 min
 Lab File: BF119332.D
 Acq: 11 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	19.0	14.3	21.5

