

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117189.D
 Acq On : 20 Sep 2019 16:57
 Operator : HP/JU
 Sample : PB123274BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 22:59:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	44738	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	185394	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	99628	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	157821	20.00	ng	0.01
76) Chrysene-d12	13.99	240	103658	20.00	ng	0.01
87) Perylene-d12	15.43	264	81367	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	357102	124.62	ng	0.02
7) Phenol-d6	6.47	99	480329	129.70	ng	0.02
23) Nitrobenzene-d5	7.39	82	302132	85.63	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	124279	149.26	ng	0.01
45) 2-Fluorobiphenyl	9.18	172	603677	94.74	ng	0.00
79) Terphenyl-d14	12.93	244	576565	103.97	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	32080	26.754	ng	97
3) Pyridine	3.45	79	82215	25.050	ng	92
4) n-Nitrosodimethylamine	3.37	42	48506	43.067	ng	# 79
6) Aniline	6.49	93	151827	31.843	ng	96
8) 2-Chlorophenol	6.62	128	130994	42.375	ng	96
9) Benzaldehyde	6.37	77	92869	53.336	ng	96
10) Phenol	6.49	94	170429	41.746	ng	87
11) bis(2-Chloroethyl)ether	6.56	93	118222	39.400	ng	97
12) 1,3-Dichlorobenzene	6.76	146	131481	37.903	ng	99
13) 1,4-Dichlorobenzene	6.84	146	135847	38.374	ng	98
14) 1,2-Dichlorobenzene	6.99	146	130538	39.606	ng	99
15) Benzyl Alcohol	6.97	79	124302	43.770	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	110630	37.319	ng	84
17) 2-Methylphenol	7.08	107	108684	41.950	ng	94
18) Hexachloroethane	7.33	117	54533	40.043	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	100797	44.699	ng	97
20) 3+4-Methylphenols	7.24	107	141501	43.847	ng	# 80
22) Acetophenone	7.23	105	198476	42.137	ng	# 93
24) Nitrobenzene	7.41	77	147477	42.324	ng	96
25) Isophorone	7.65	82	271272	43.421	ng	98
26) 2-Nitrophenol	7.72	139	67728	45.251	ng	# 93
27) 2,4-Dimethylphenol	7.76	122	114718	48.333	ng	94
28) bis(2-Chloroethoxy)methane	7.85	93	156933	40.771	ng	98
29) 2,4-Dichlorophenol	7.97	162	109157	43.892	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	109472	40.744	ng	99
31) Naphthalene	8.13	128	375116	42.071	ng	98
32) Benzoic acid	7.93	122	64413	37.598	ng	97
33) 4-Chloroaniline	8.17	127	70015	17.704	ng	98
34) Hexachlorobutadiene	8.24	225	65451	42.936	ng	99
35) Caprolactam	8.57	113	15892	18.879	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	129367	44.612	ng	97
37) 2-Methylnaphthalene	8.82	142	265656	44.245	ng	98
38) 1-Methylnaphthalene	8.92	142	243316	43.269	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	110321	42.882	ng	97

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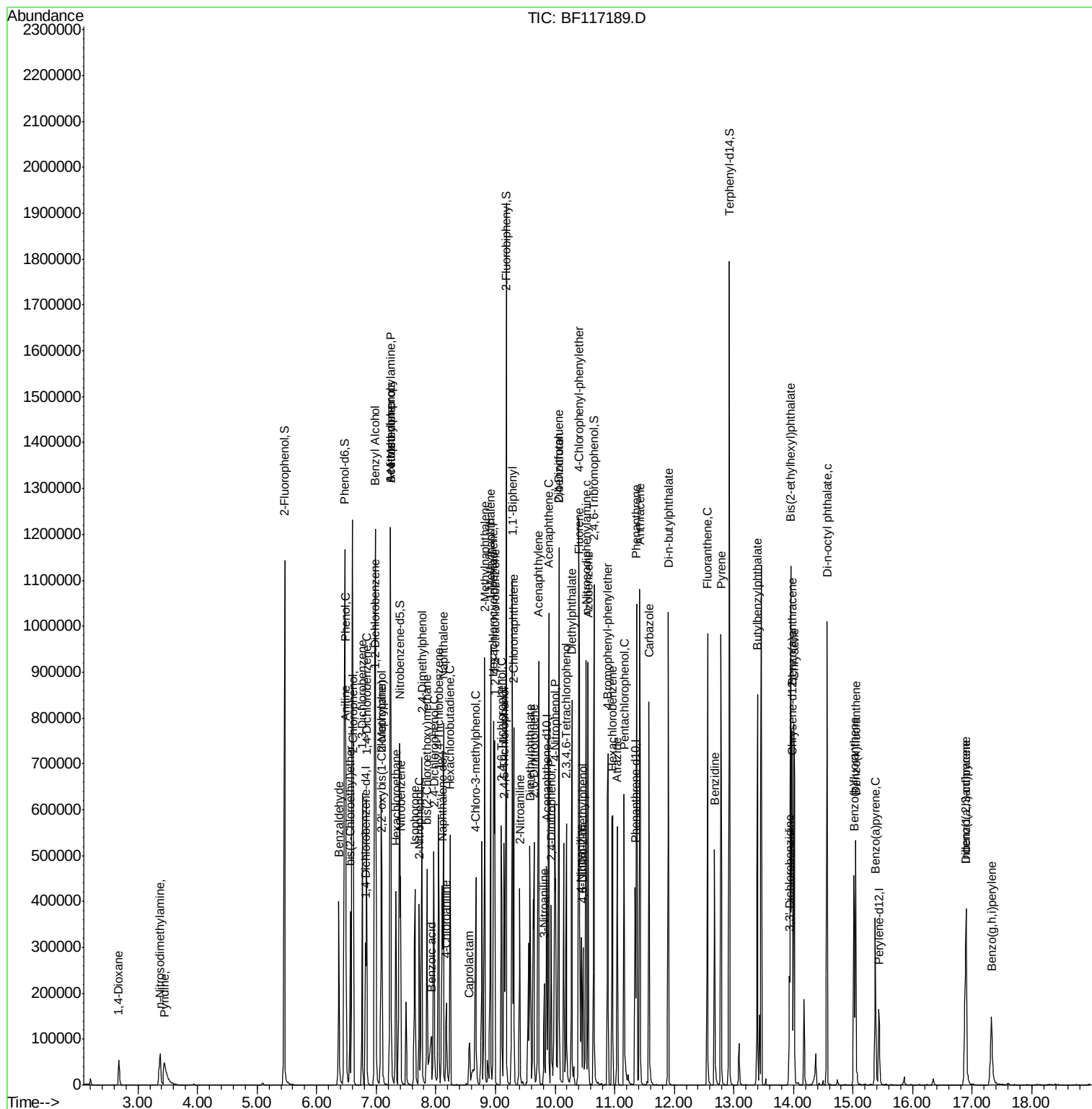
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	116668	100.378	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	72526	41.541	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	76986	41.272	nq	97
46) 1,1'-Biphenyl	9.28	154	327619	41.923	nq	97
47) 2-Chloronaphthalene	9.31	162	253462	41.096	nq	96
48) 2-Nitroaniline	9.40	65	76440	38.640	nq	95
49) Acenaphthylene	9.72	152	390846	42.302	nq	99
50) Dimethylphthalate	9.58	163	303284	42.994	nq	99
51) 2,6-Dinitrotoluene	9.65	165	64586	44.954	nq	96
52) Acenaphthene	9.89	154	227487	41.535	nq	100
53) 3-Nitroaniline	9.82	138	37366	20.614	nq	100
54) 2,4-Dinitrophenol	9.93	184	47402	76.822	nq	87
55) Dibenzofuran	10.06	168	355676	44.015	nq	96
56) 4-Nitrophenol	10.00	139	79802	67.927	nq	84
57) 2,4-Dinitrotoluene	10.06	165	84875	45.511	nq	# 77
58) Fluorene	10.41	166	290802	44.674	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	60687	42.515	nq	94
60) Diethylphthalate	10.28	149	319550	46.044	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	131596	46.725	nq	99
62) 4-Nitroaniline	10.44	138	66724	35.395	nq	# 79
63) Azobenzene	10.56	77	314143	44.320	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	35083	48.674	nq	79
66) n-Nitrosodiphenylamine	10.52	169	255287	46.837	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	77317	47.971	nq	99
68) Hexachlorobenzene	10.96	284	78890	44.751	nq	97
69) Atrazine	11.04	200	70712	55.535	nq	96
70) Pentachlorophenol	11.16	266	75432	91.286	nq	96
71) Phenanthrene	11.37	178	398604	44.466	nq	99
72) Anthracene	11.42	178	410669	44.873	nq	99
73) Carbazole	11.57	167	361797	41.649	nq	99
74) Di-n-butylphthalate	11.90	149	514995	49.828	nq	99
75) Fluoranthene	12.56	202	390881	42.438	nq	98
77) Benzidine	12.67	184	207170	62.044	nq	99
78) Pyrene	12.79	202	387683	44.573	nq	99
80) Butylbenzylphthalate	13.39	149	199820	48.620	nq	96
81) Benzo(a)anthracene	13.97	228	295326	42.643	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	53817	24.115	nq	98
83) Chrysene	14.01	228	279832	41.428	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	298105	56.257	nq	97
85) Di-n-octyl phthalate	14.56	149	457834	54.894	nq	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	199813	40.547	nq	98
88) Benzo(b)fluoranthene	15.02	252	221629	44.967	nq	99
89) Benzo(k)fluoranthene	15.04	252	225449	48.288	nq	98
90) Benzo(a)pyrene	15.37	252	204830	47.359	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	169956	49.328	nq	98
92) Benzo(g,h,i)perylene	17.32	276	154664	45.047	nq	98

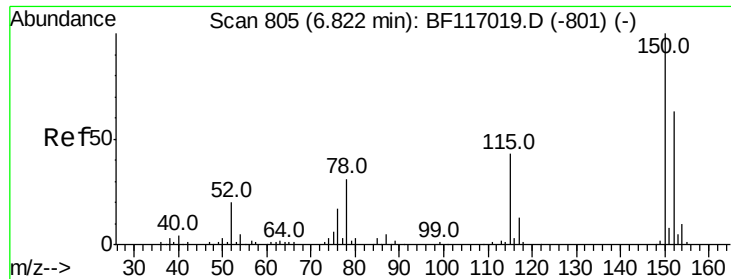
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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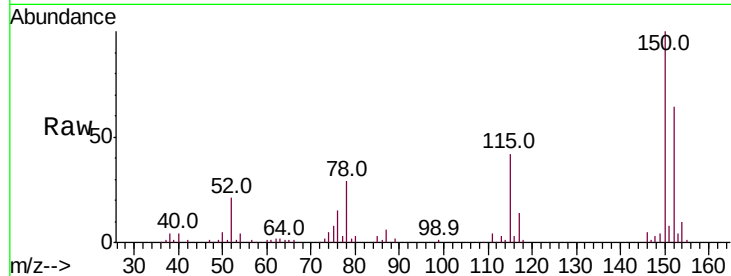


#1

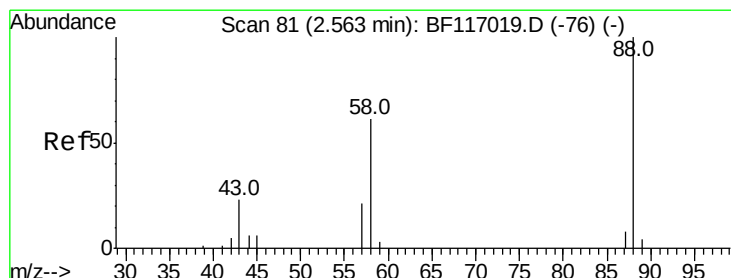
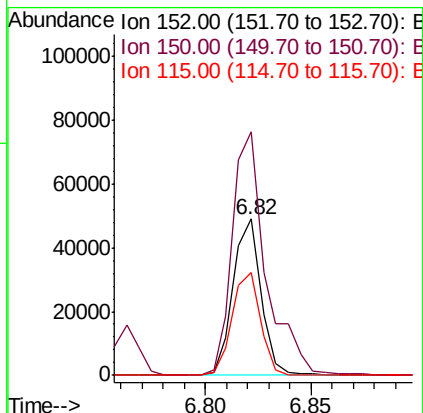
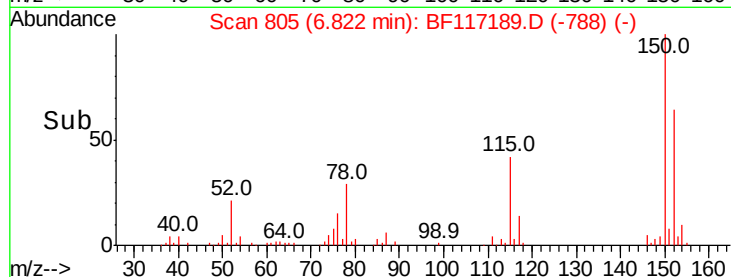
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44738
Ion Ratio Lower Upper
152 100
150 156.1 127.5 191.3
115 66.2 55.0 82.4



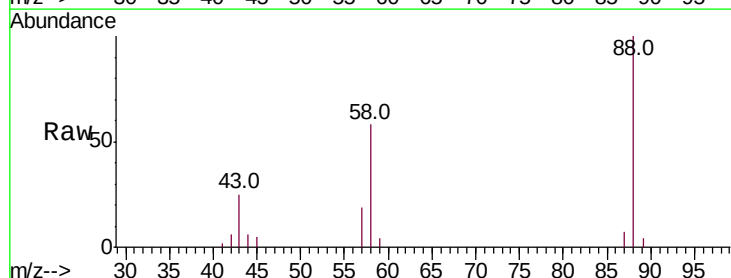
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



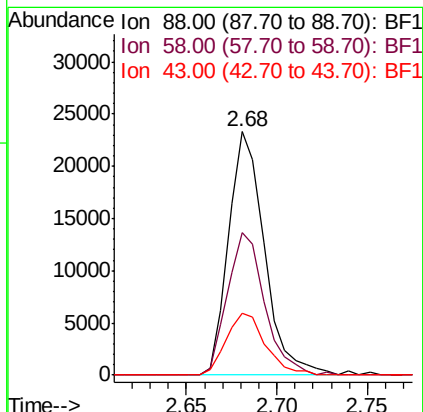
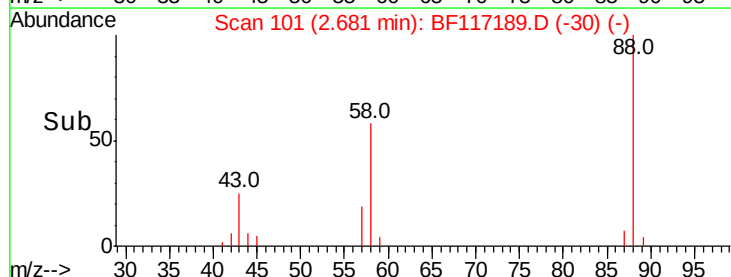
#2

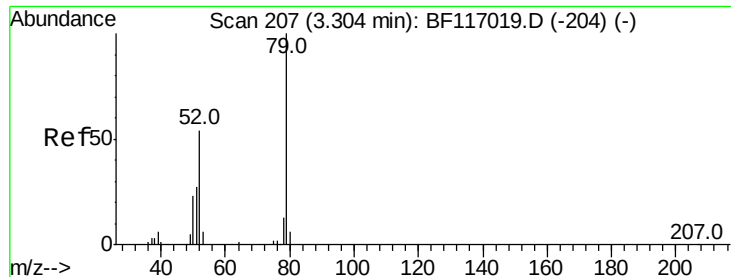
1,4-Dioxane
Concen: 26.754 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.12 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion: 88 Resp: 32080
Ion Ratio Lower Upper
88 100
58 60.8 49.3 73.9
43 27.8 18.8 28.2



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: 25.050 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.14 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampled :

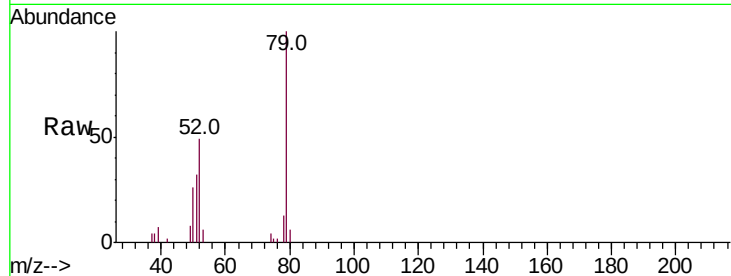
Tot Ion: 79 Resp: 82215

Ion Ratio Lower Upper

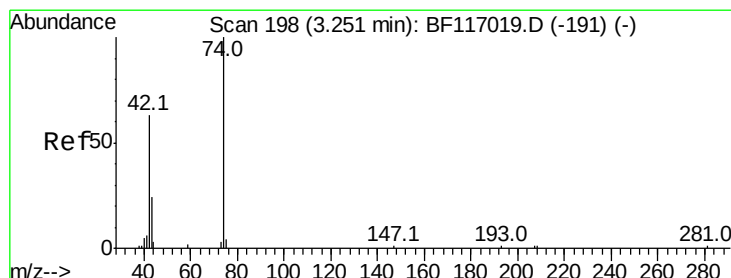
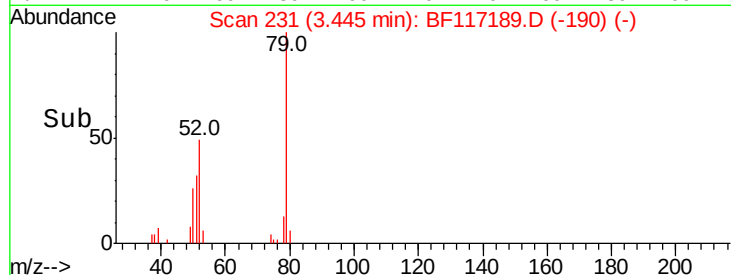
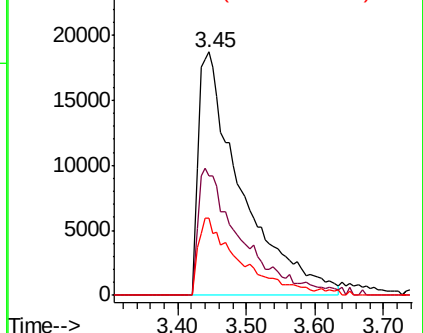
79 100

52 49.0 43.5 65.3

51 31.7 21.8 32.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.067 ng

RT: 3.37 min Scan# 219

Delta R.T. 0.12 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

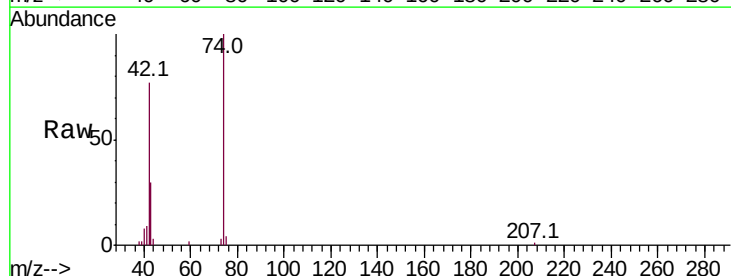
Tgt Ion: 42 Resp: 48506

Ion Ratio Lower Upper

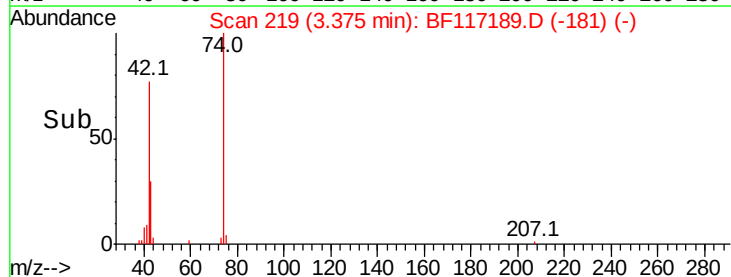
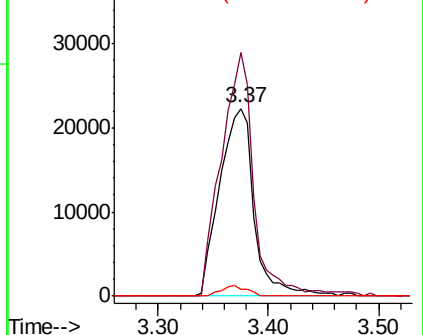
42 100

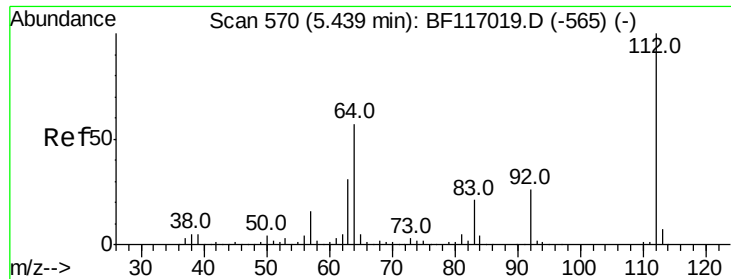
74 130.0 127.1 190.7

44 3.4 4.3 6.5#



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





#5

2-Fluorophenol

Concen: 124.620 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampled :

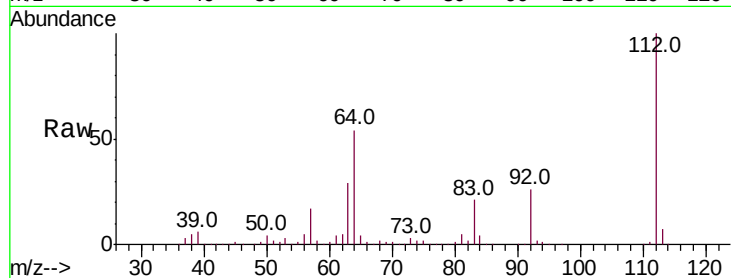
Tot Ion:112 Resp: 357102

Ion Ratio Lower Upper

112 100

64 53.5 45.7 68.5

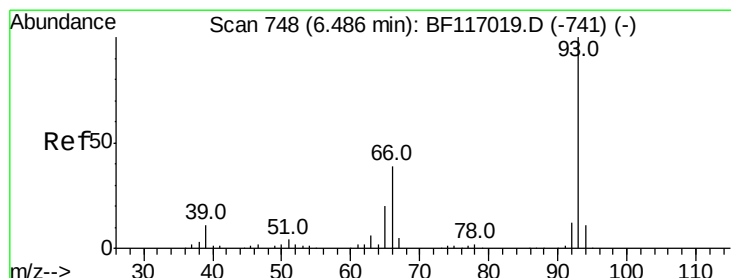
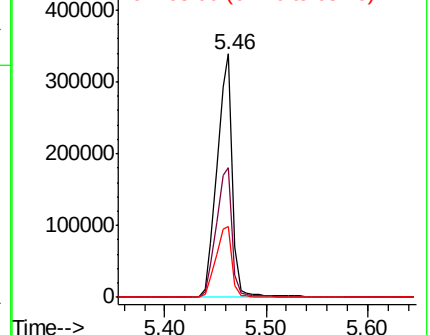
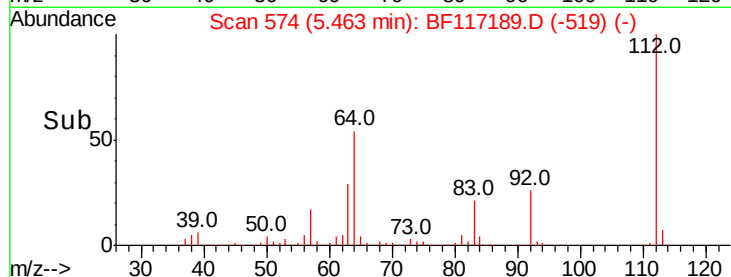
63 29.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.843 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

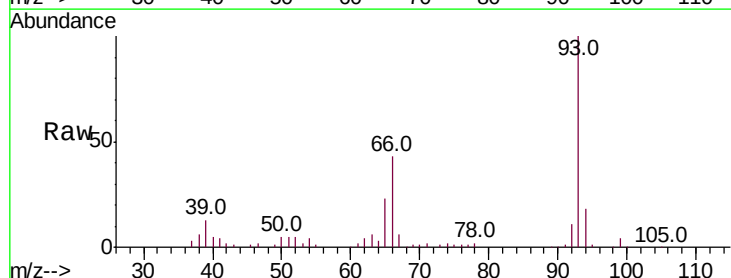
Tgt Ion: 93 Resp: 151827

Ion Ratio Lower Upper

93 100

66 43.0 32.6 49.0

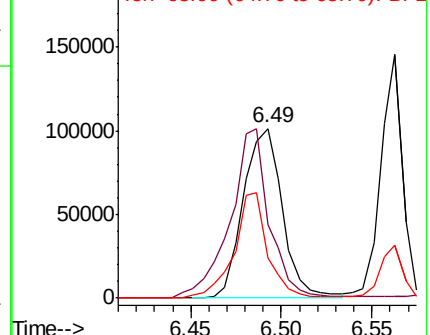
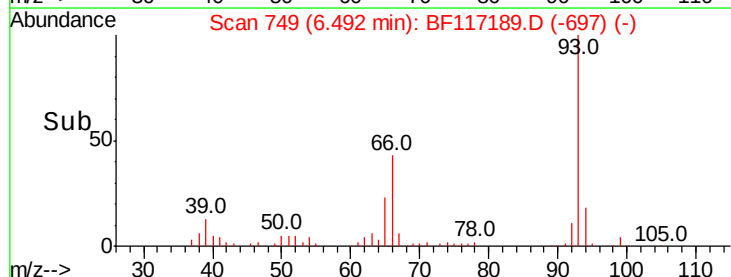
65 23.3 16.7 25.1

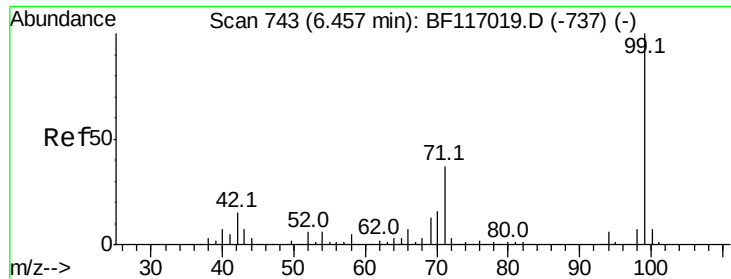


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.703 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

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ClientSampleId :

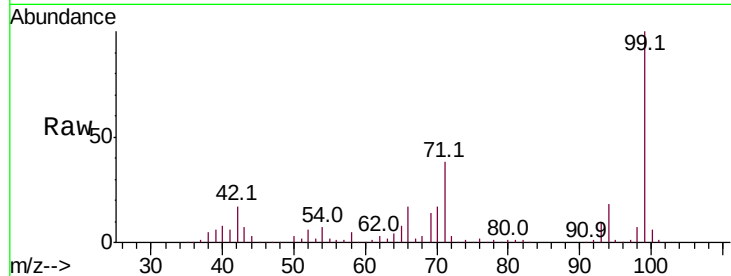
Tot Ion: 99 Resp: 480329

Ion Ratio Lower Upper

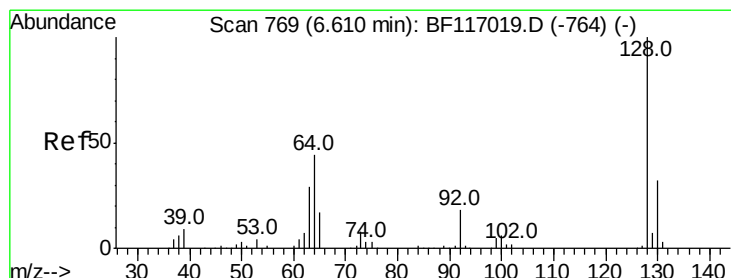
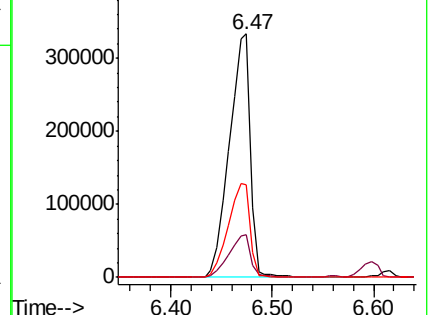
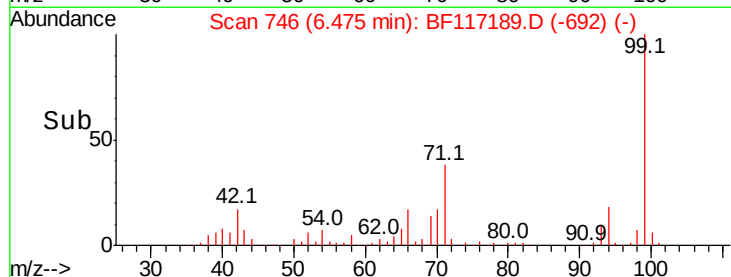
99 100

42 17.3 12.2 18.2

71 37.9 29.8 44.8



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: 42.375 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

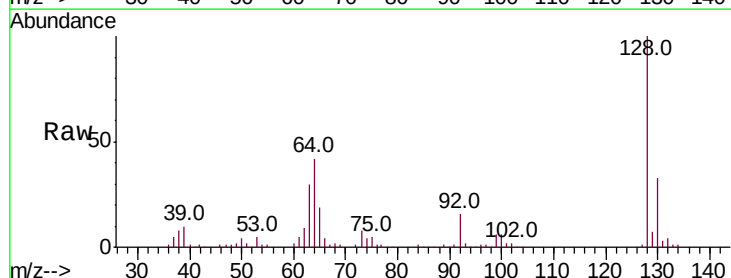
Tgt Ion: 128 Resp: 130994

Ion Ratio Lower Upper

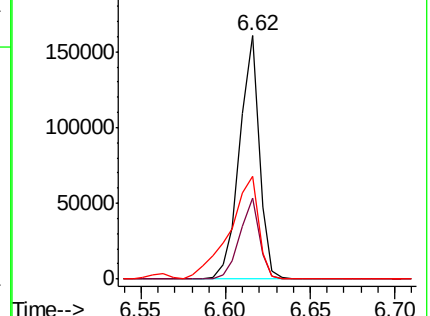
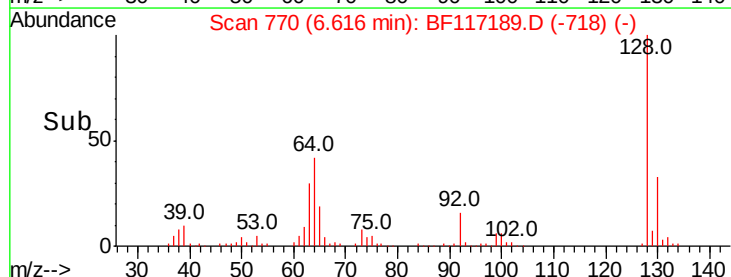
128 100

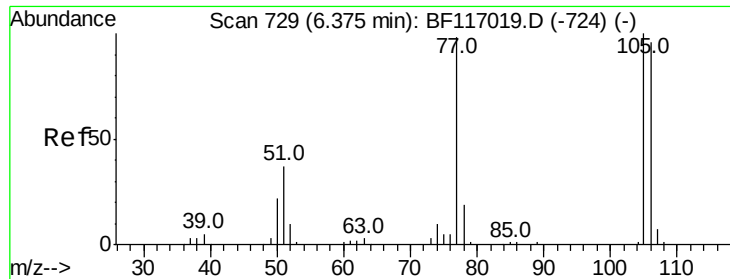
130 33.3 11.8 51.8

64 42.3 25.0 65.0



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: 53.336 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampled :

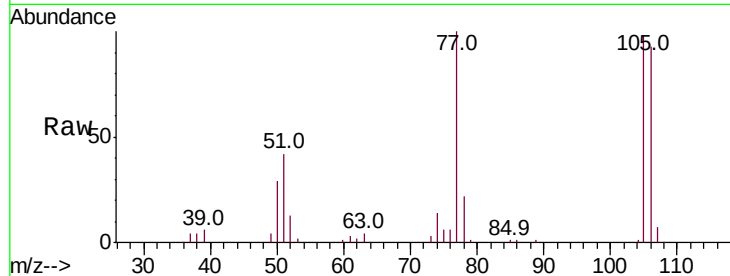
Tot Ion: 77 Resp: 92869

Ion Ratio Lower Upper

77 100

105 98.1 81.8 121.8

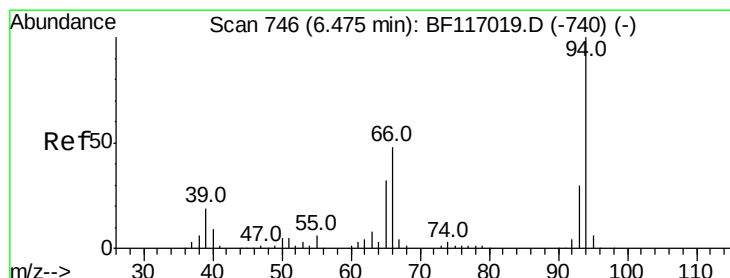
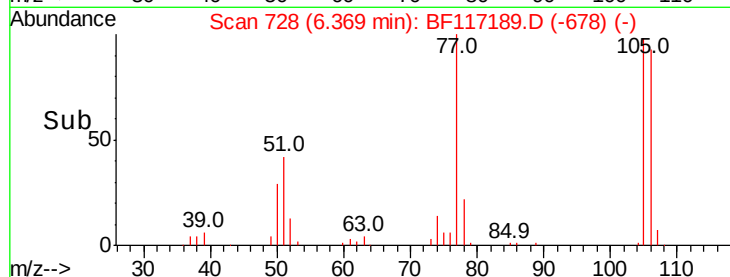
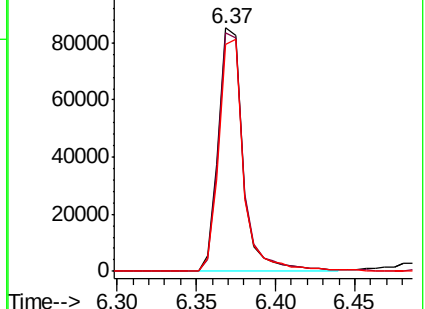
106 93.4 77.3 117.3



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: 41.746 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

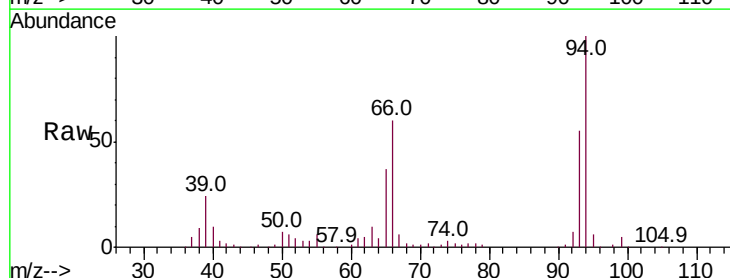
Tgt Ion: 94 Resp: 170429

Ion Ratio Lower Upper

94 100

65 37.0 12.5 52.5

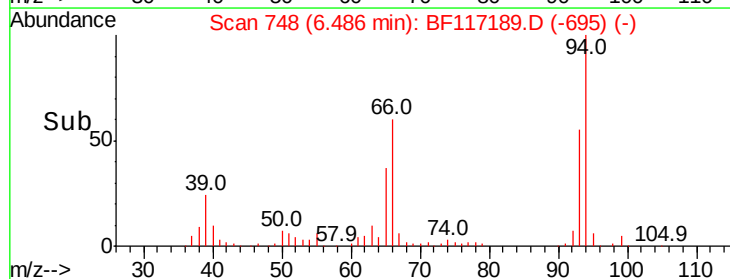
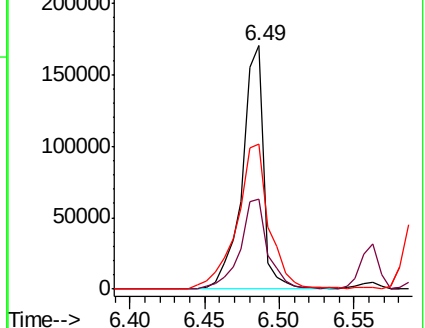
66 59.5 28.9 68.9

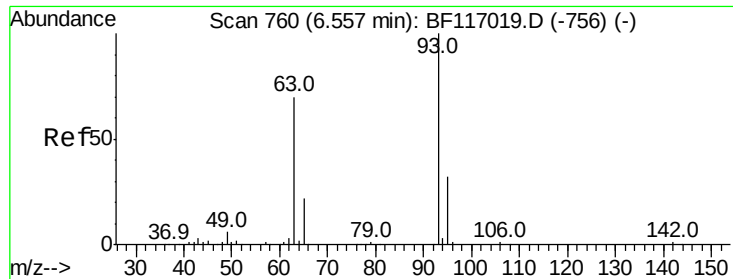


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

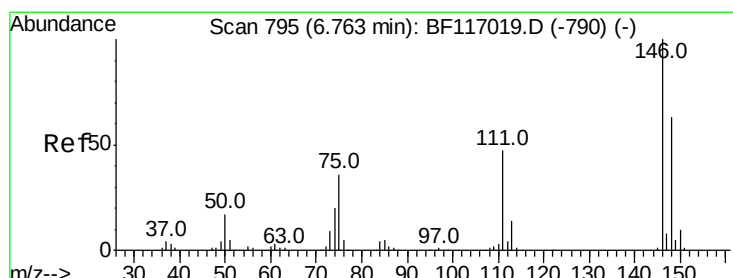
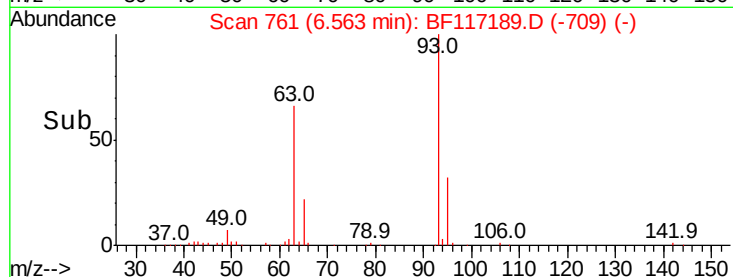
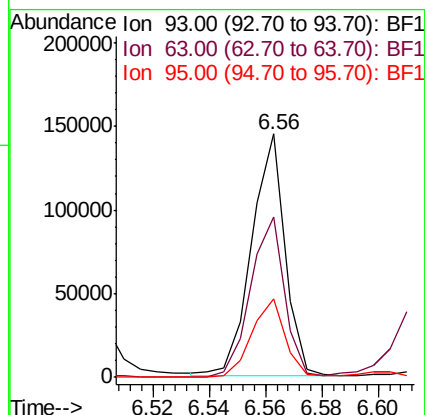
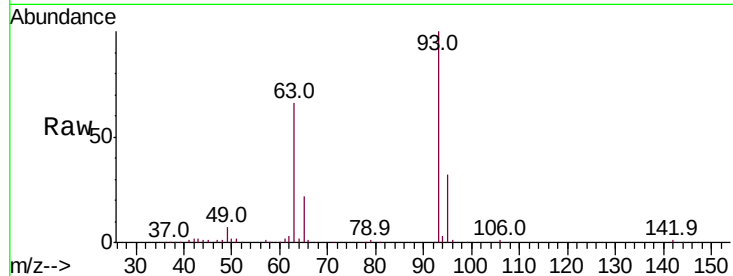




#11
bis(2-Chloroethyl)ether
Concen: 39.400 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

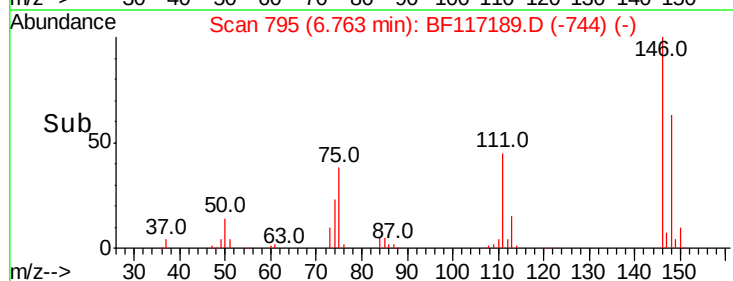
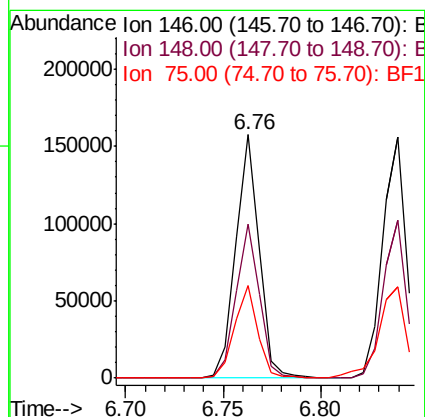
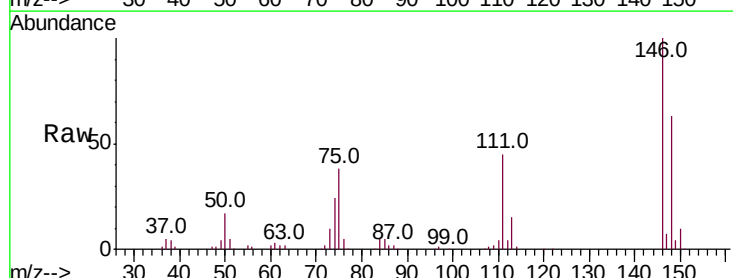
Instrument :
BNA_F
ClientSampleId :

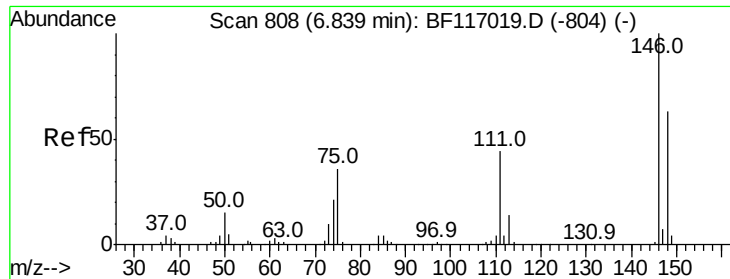
Tot Ion: 93 Resp: 118222
Ion Ratio Lower Upper
93 100
63 66.1 49.3 89.3
95 32.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 37.903 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion: 146 Resp: 131481
Ion Ratio Lower Upper
146 100
148 63.4 50.8 76.2
75 37.9 28.7 43.1

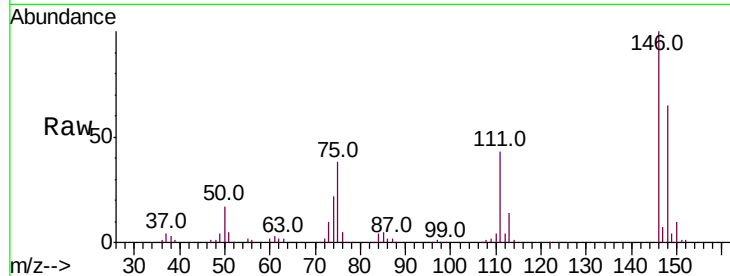




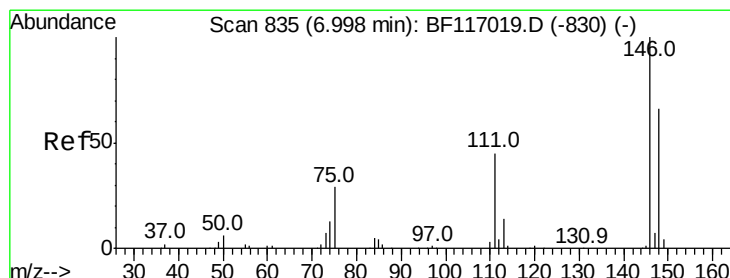
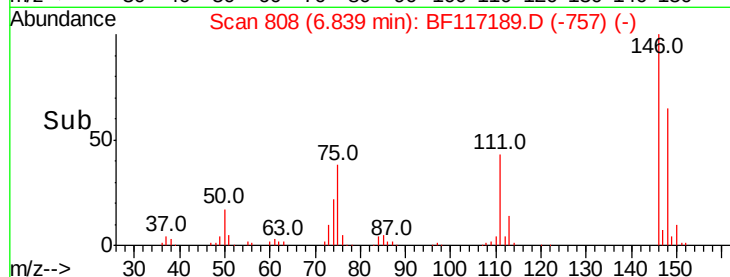
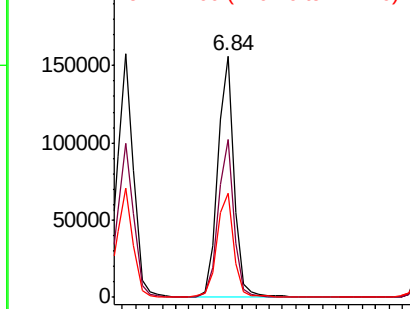
#13
 1,4-Dichlorobenzene
 Concen: 38.374 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	76.0
111	43.2	35.0	52.6

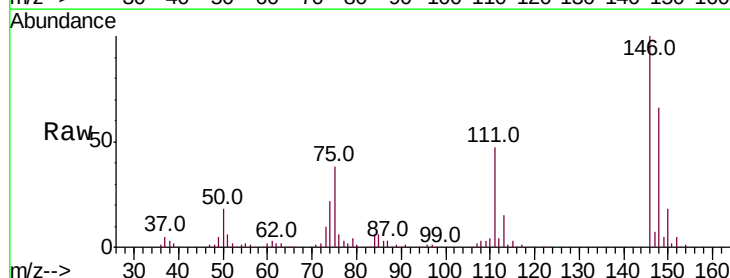


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

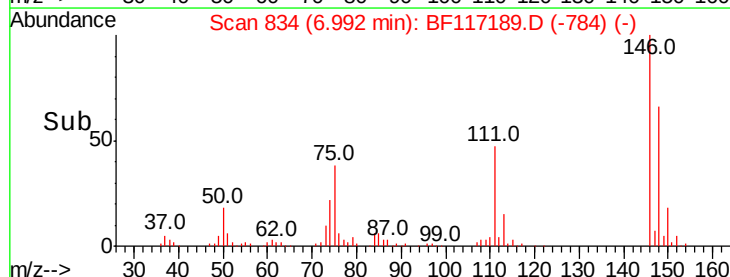
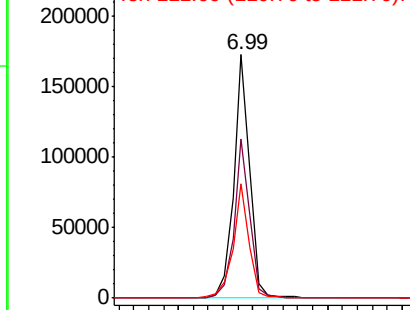


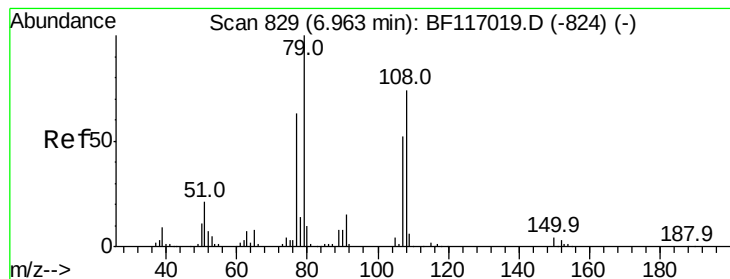
#14
 1,2-Dichlorobenzene
 Concen: 39.606 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	78.8
111	46.9	36.2	54.2



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





#15

Benzyl Alcohol

Concen: 43.770 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampled :

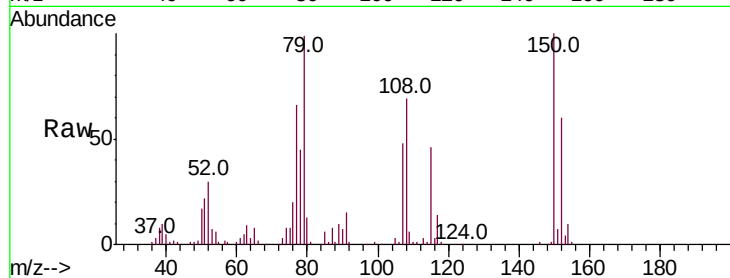
Tot Ion: 79 Resp: 124302

Ion Ratio Lower Upper

79 100

108 69.2 59.4 89.0

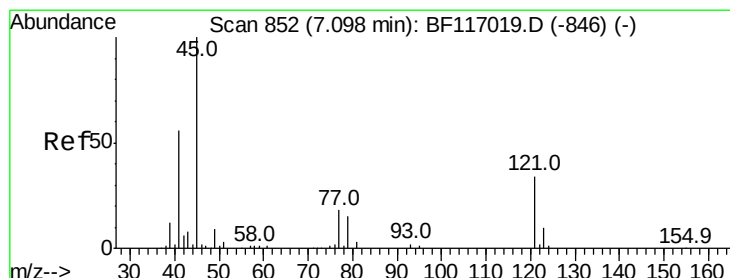
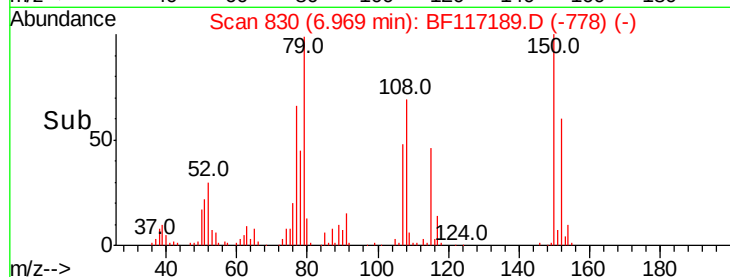
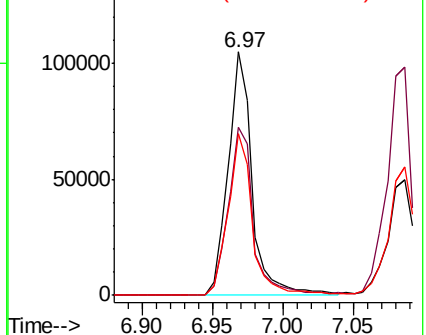
77 66.4 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.319 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

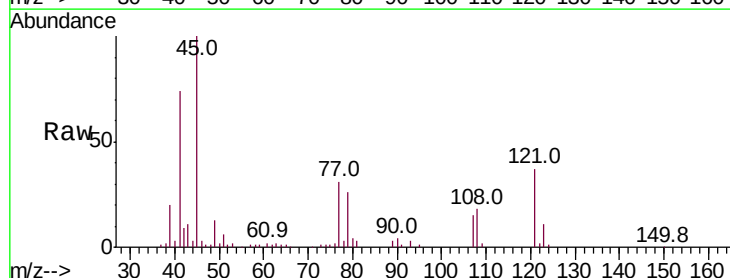
Tgt Ion: 45 Resp: 110630

Ion Ratio Lower Upper

45 100

77 30.6 2.7 42.7

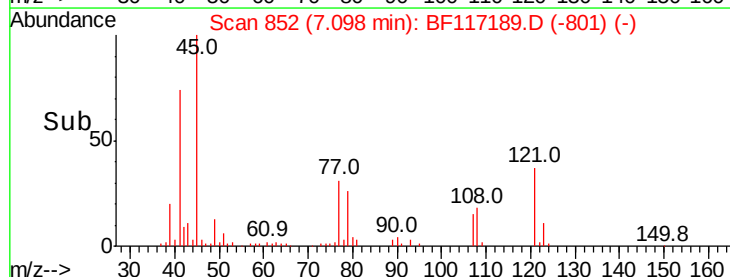
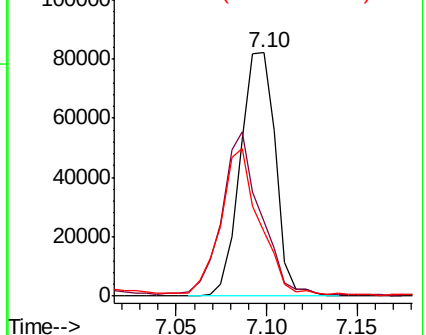
79 26.3 0.0 38.9

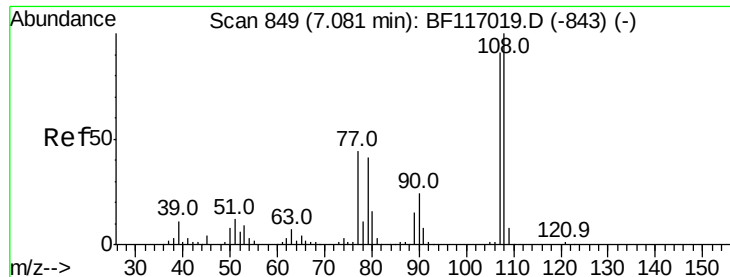


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

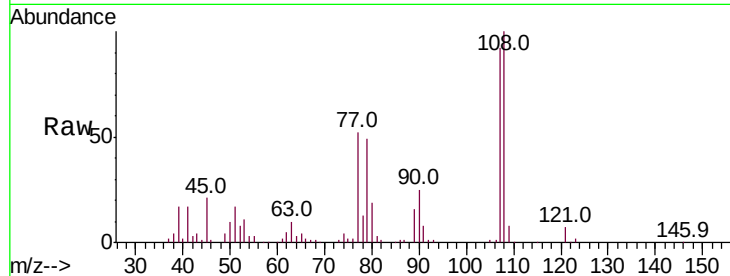




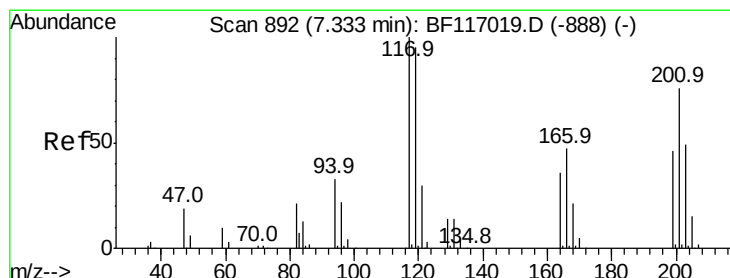
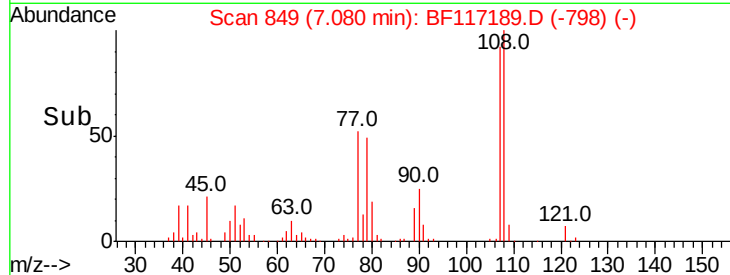
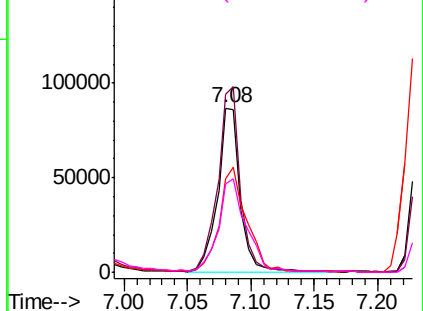
#17
2-Methylphenol
Concen: 41.950 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	108684
Ion	Ratio	Lower	Upper
107	100		
108	108.4	87.7	131.5
77	56.9	38.6	58.0
79	53.6	36.8	55.2

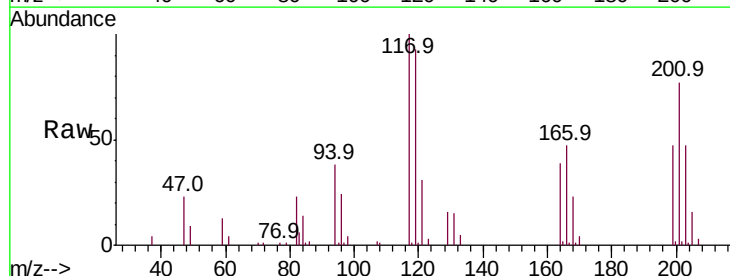


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

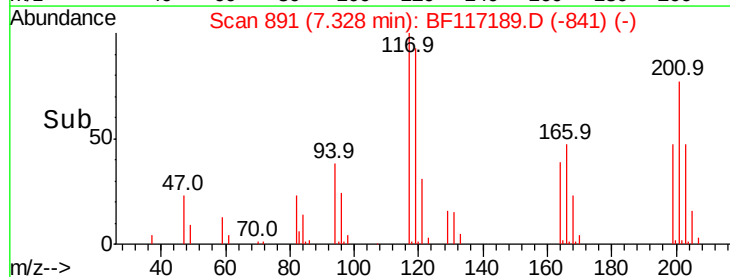
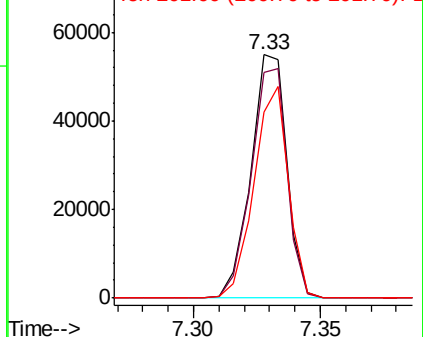


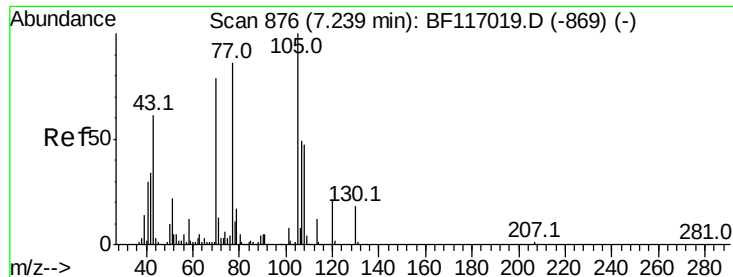
#18
Hexachloroethane
Concen: 40.043 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion:	117	Resp:	54533
Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.8	113.8
201	76.6	60.9	91.3



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

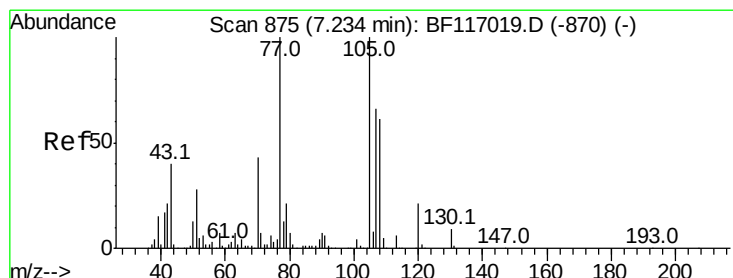
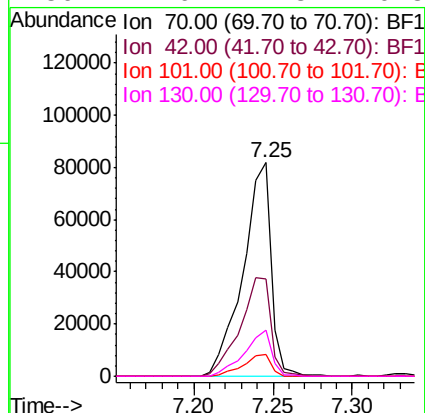
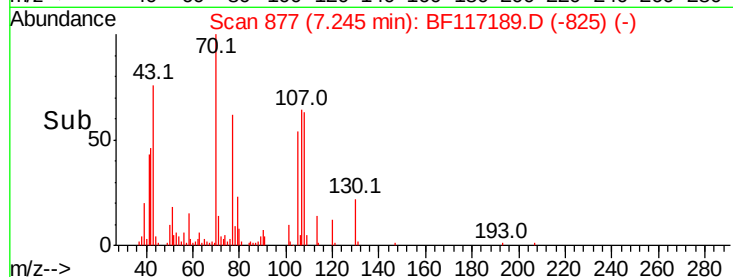
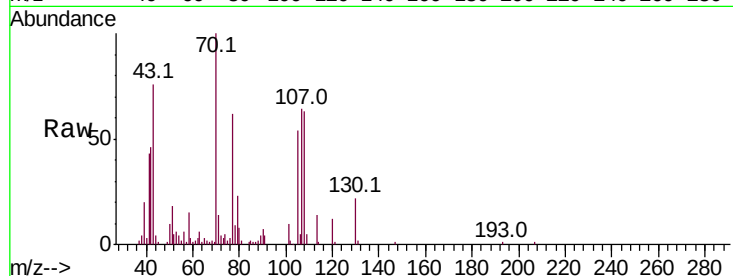




#19
n-Nitroso-di-n-propylamine
Concen: 44.699 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

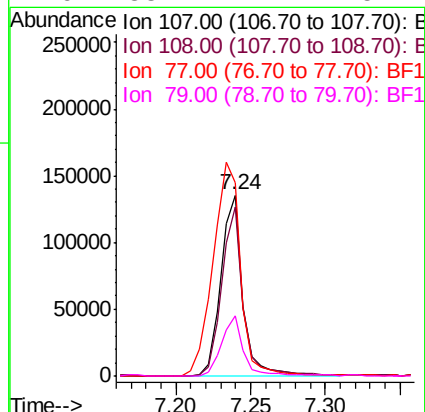
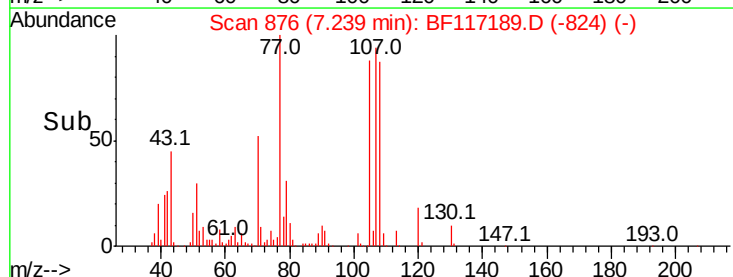
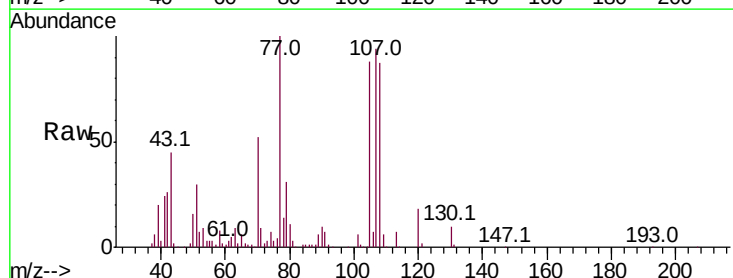
Instrument :
BNA_F
ClientSampleId :

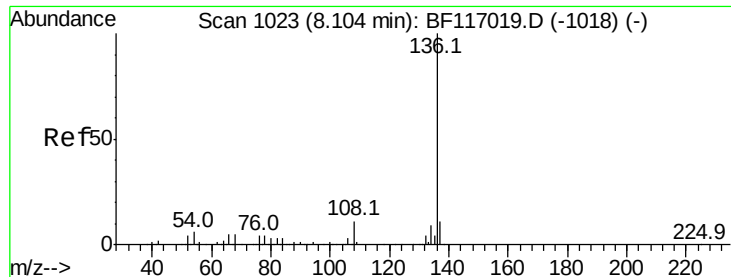
Tot Ion:	70	Resp:	100797
Ion	Ratio	Lower	Upper
70	100		
42	45.6	34.0	51.0
101	9.9	7.8	11.6
130	21.6	17.8	26.8



#20
3+4-Methylphenols
Concen: 43.847 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion:	107	Resp:	141501
Ion	Ratio	Lower	Upper
107	100		
108	93.4	72.6	112.6
77	106.9	132.1	172.1#
79	33.1	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 185394

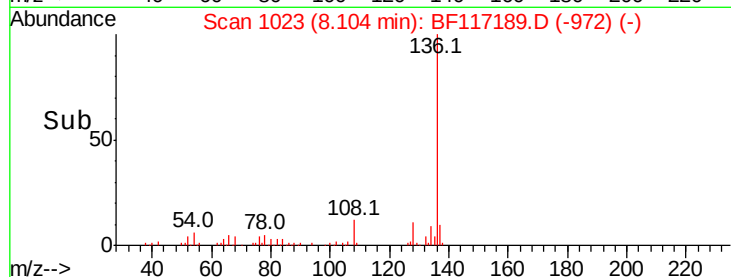
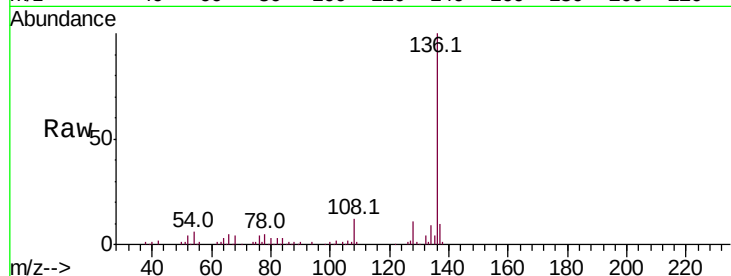
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 5.7 4.5 6.7

68 4.1 4.0 6.0

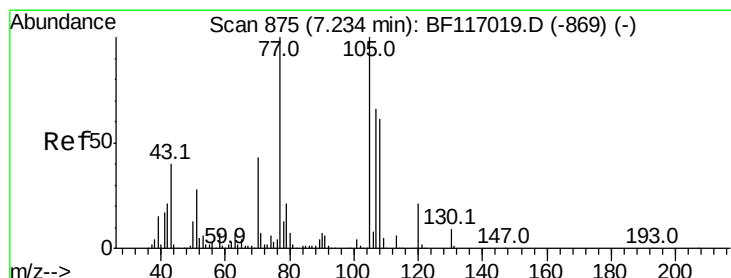
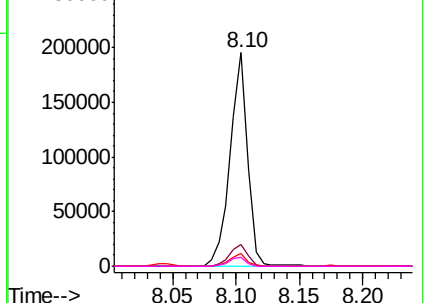


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.137 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Tgt Ion:105 Resp: 198476

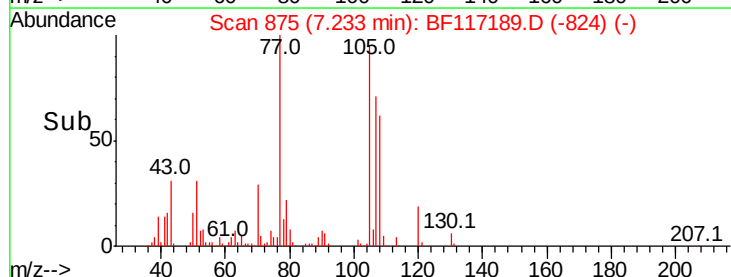
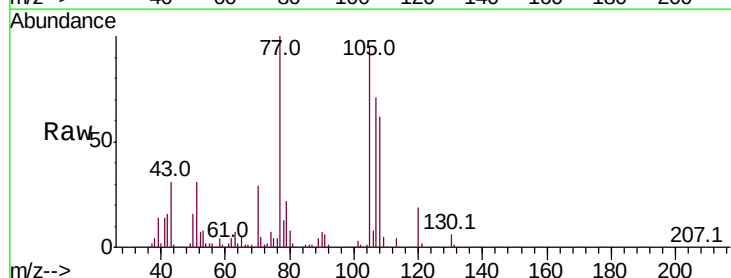
Ion Ratio Lower Upper

105 100

71 5.2 5.7 8.5#

51 32.9 22.1 33.1

120 20.2 17.1 25.7

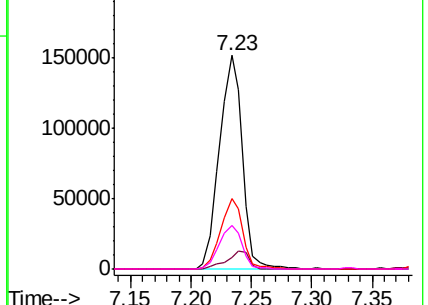


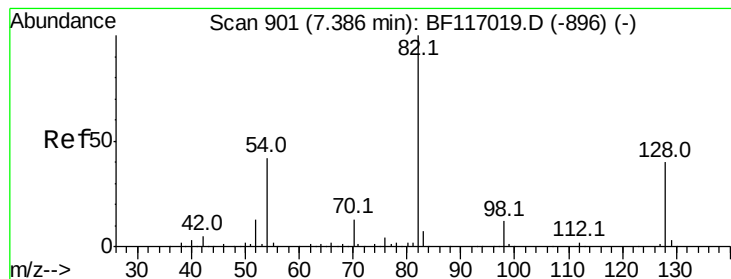
Abundance Ion 105.00 (104.70 to 105.70): E

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: 85.627 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampleId :

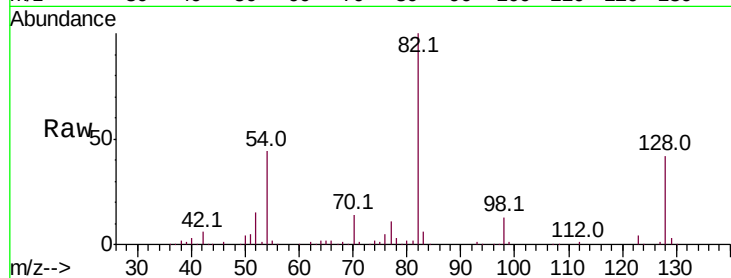
Tot Ion: 82 Resp: 302132

Ion Ratio Lower Upper

82 100

128 42.3 32.3 48.5

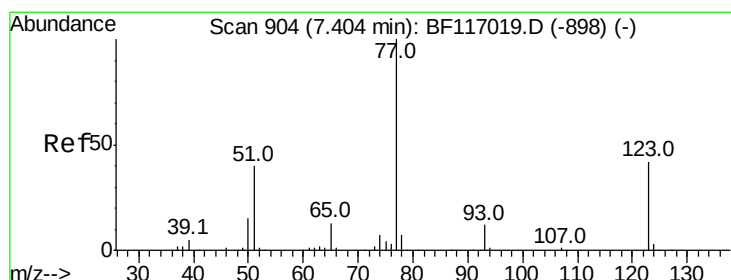
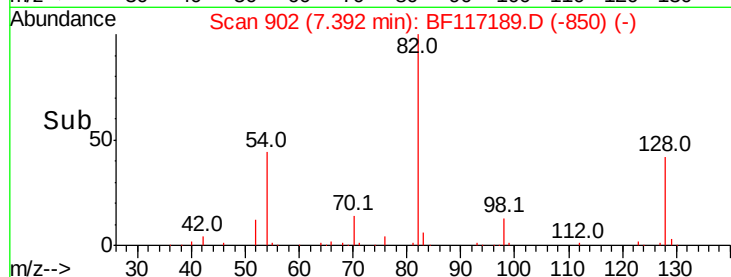
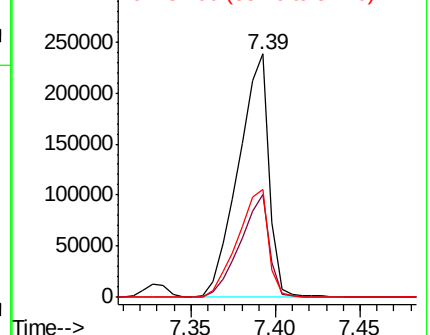
54 44.3 33.3 49.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.324 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

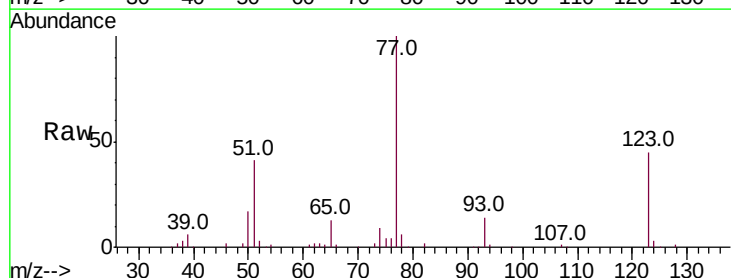
Tgt Ion: 77 Resp: 147477

Ion Ratio Lower Upper

77 100

123 45.3 33.5 50.3

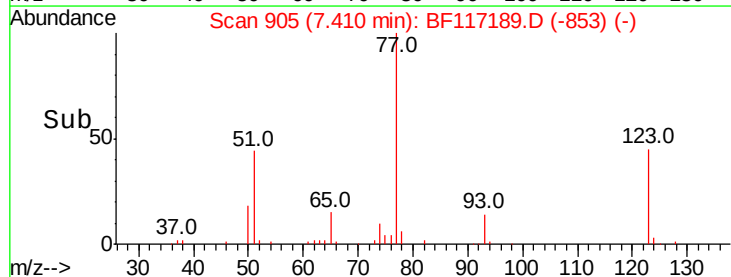
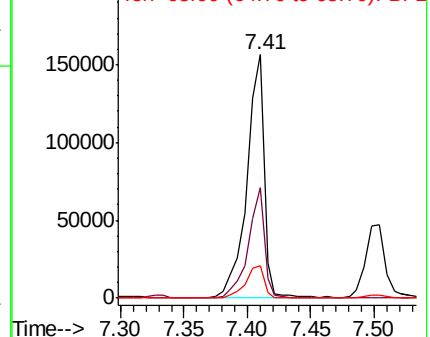
65 13.4 10.5 15.7

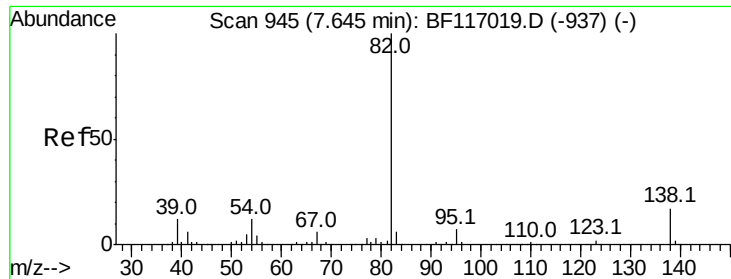


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.421 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampleId :

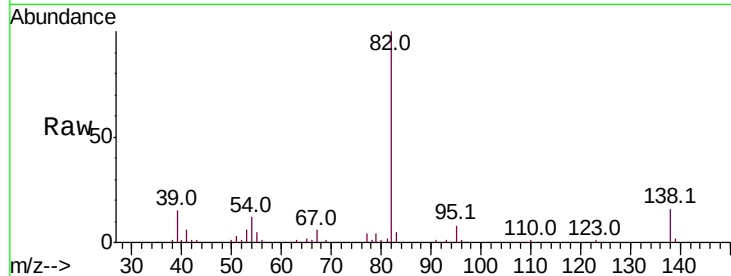
Tot Ion: 82 Resp: 271272

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.6

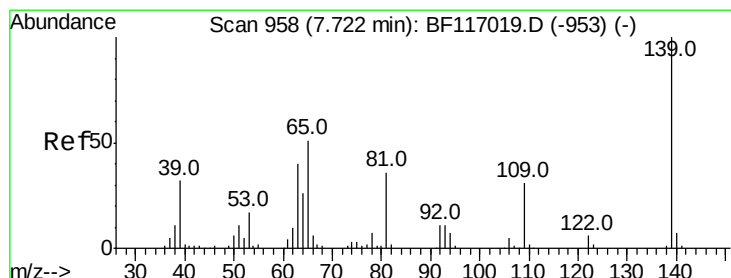
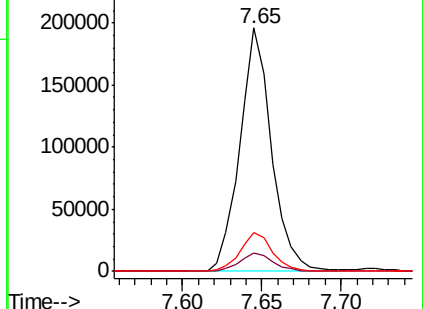
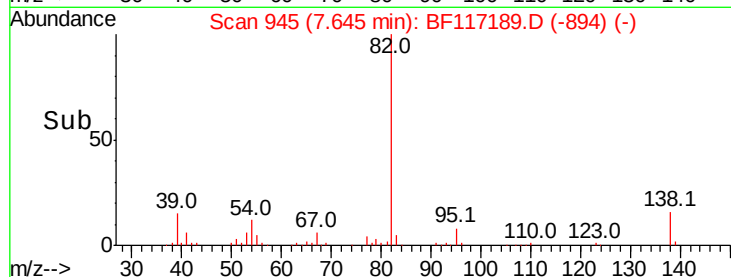
138 16.1 13.5 20.3



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: 45.251 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

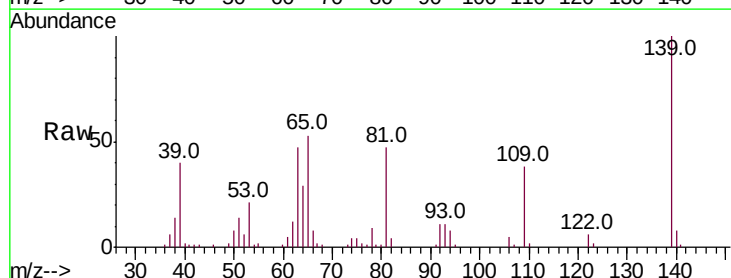
Tgt Ion: 139 Resp: 67728

Ion Ratio Lower Upper

139 100

109 37.8 24.6 36.8#

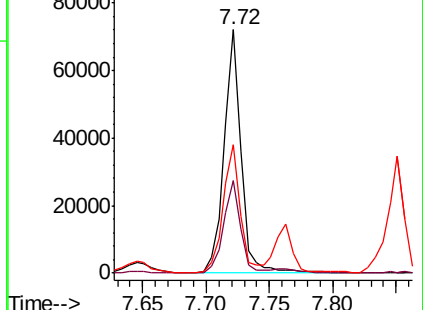
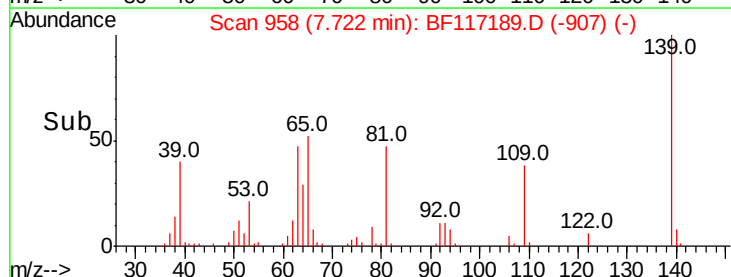
65 53.0 40.9 61.3

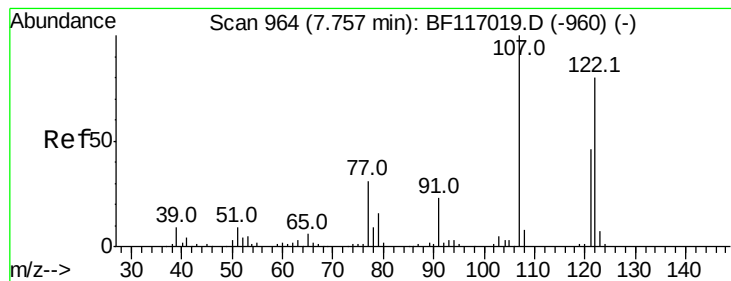


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.333 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :
BNA_F
ClientSampleId :

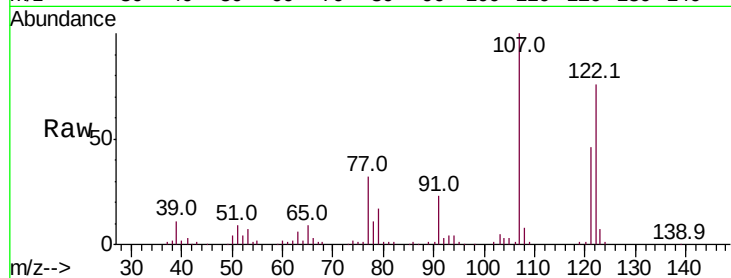
Tot Ion:122 Resp: 114718

Ion Ratio Lower Upper

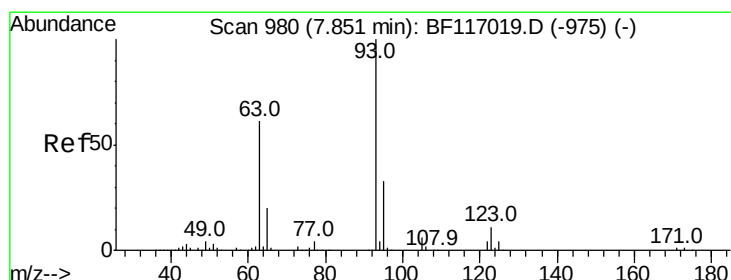
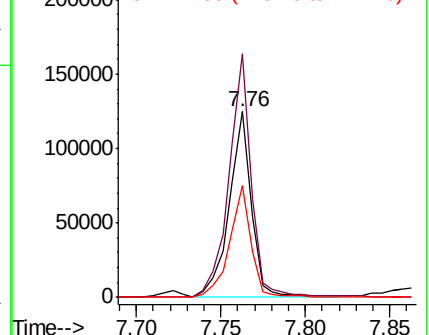
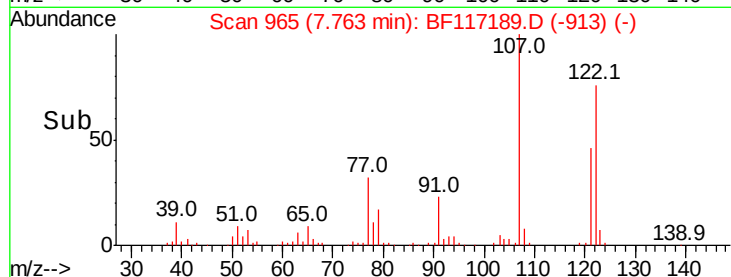
122 100

107 130.9 98.9 148.3

121 59.9 45.3 67.9



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: 40.771 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

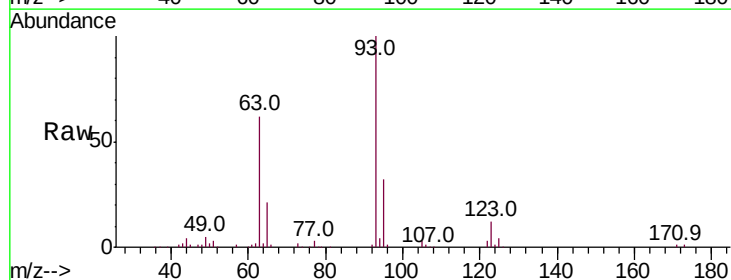
Tgt Ion: 93 Resp: 156933

Ion Ratio Lower Upper

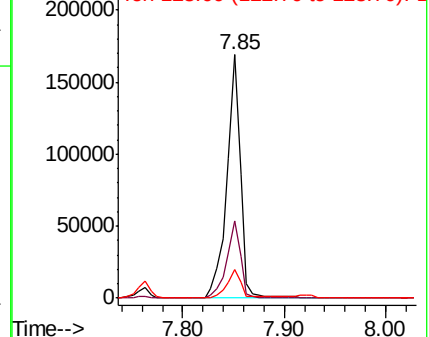
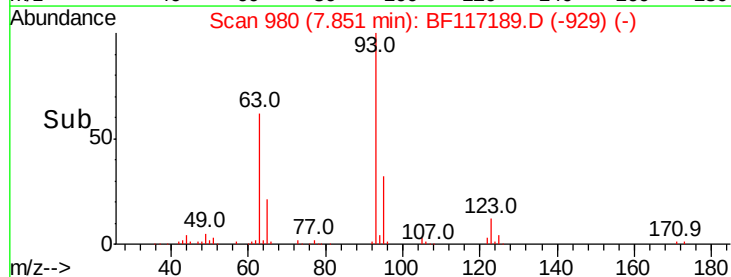
93 100

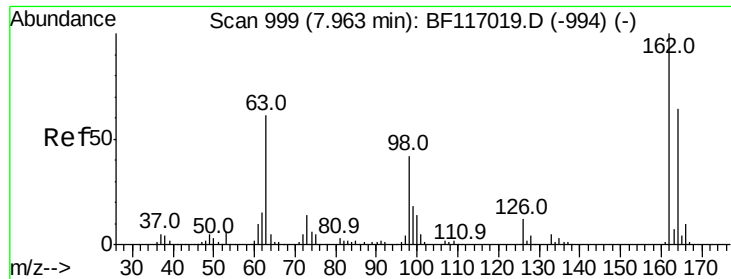
95 31.6 26.2 39.4

123 11.8 9.0 13.6



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

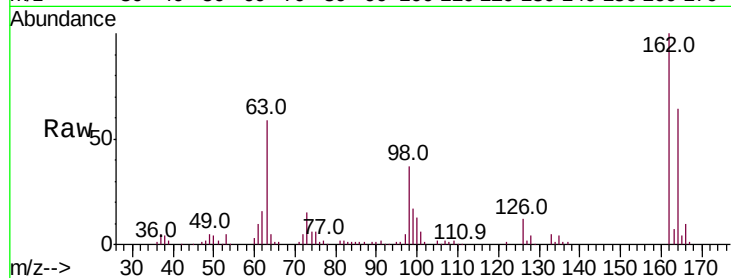




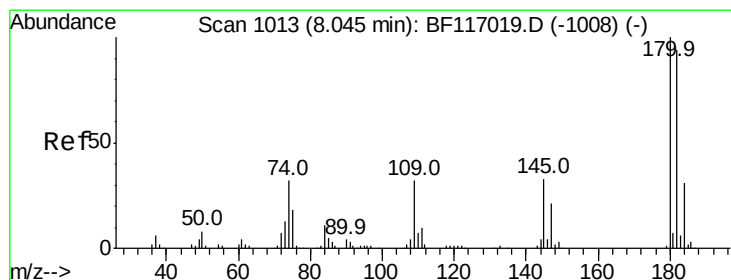
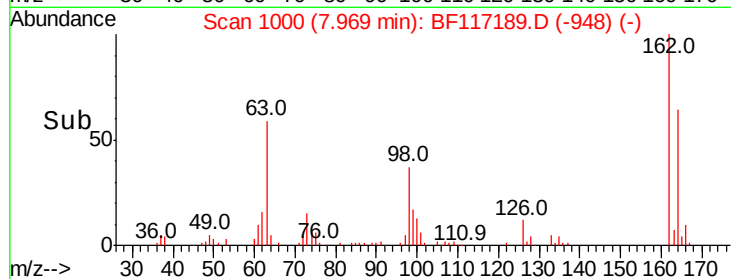
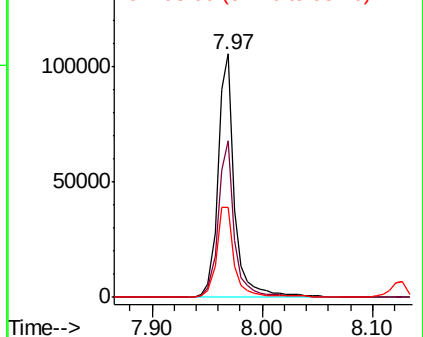
#29
 2,4-Dichlorophenol
 Concen: 43.892 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.8	83.8
98	37.2	22.1	62.1



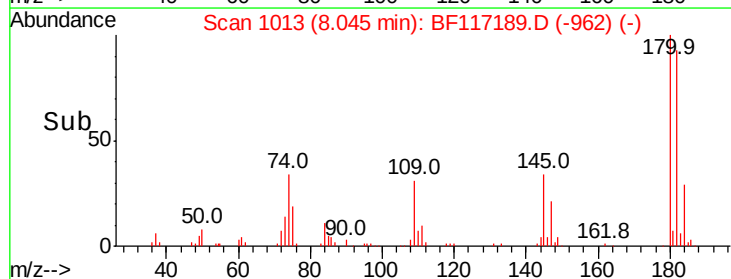
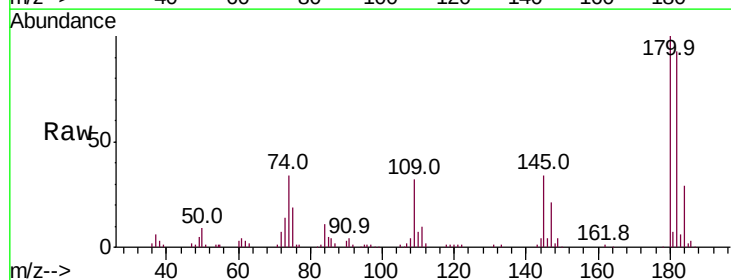
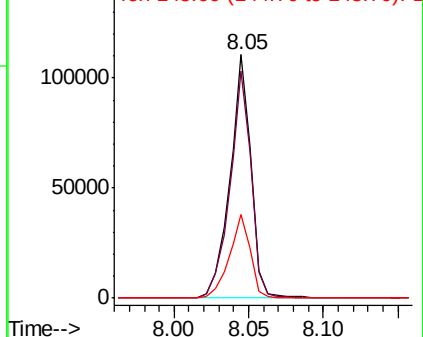
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

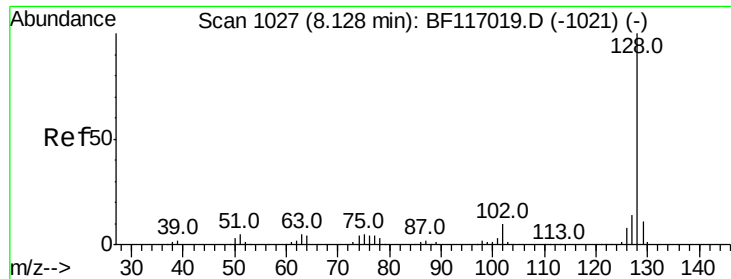


#30
 1,2,4-Trichlorobenzene
 Concen: 40.744 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.4	113.0
145	34.2	26.7	40.1

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

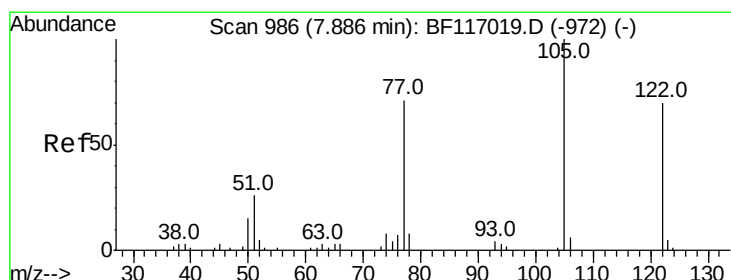
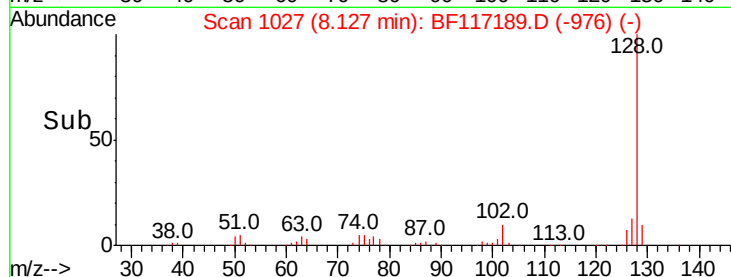
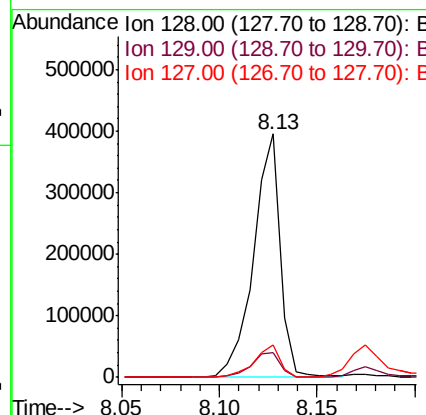
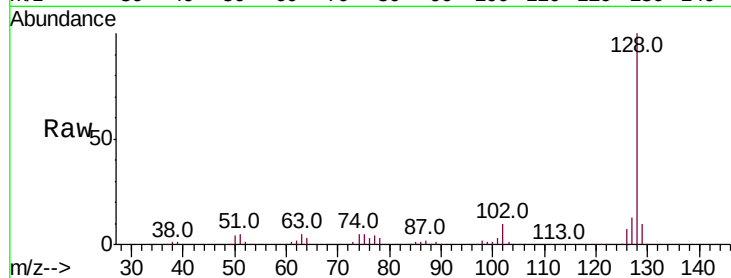




#31
Naphthalene
Concen: 42.071 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

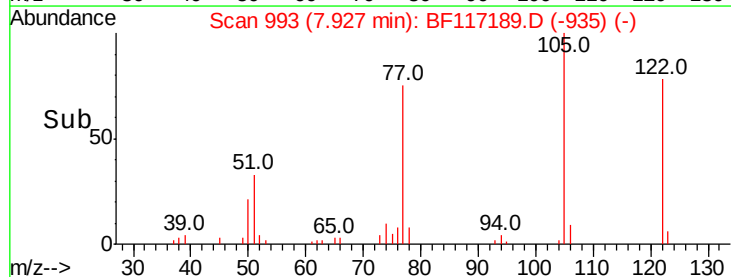
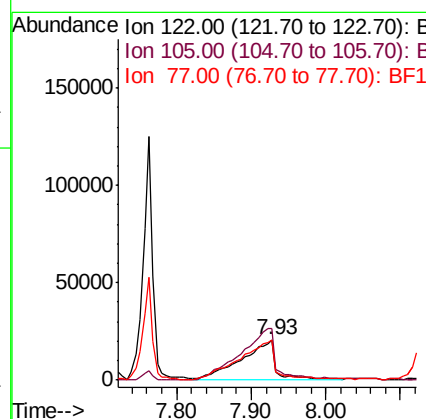
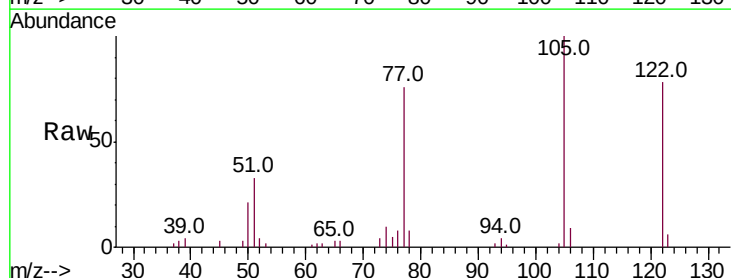
Instrument :
BNA_F
ClientSampleId :

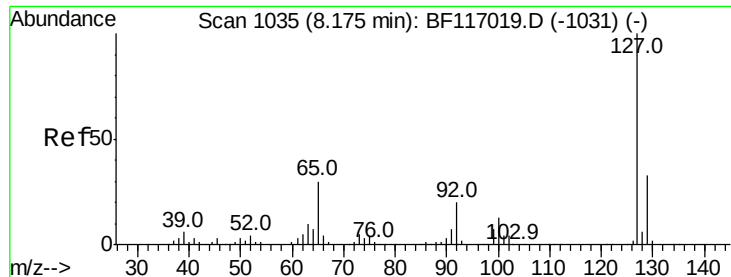
Tot Ion:128 Resp: 375116
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.4
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 37.598 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.04 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion:122 Resp: 64413
Ion Ratio Lower Upper
122 100
105 128.5 114.8 154.8
77 98.1 78.7 118.7

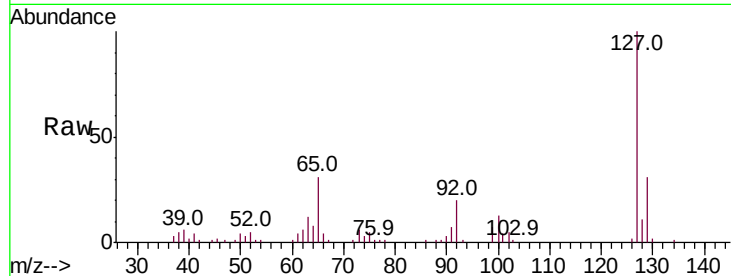




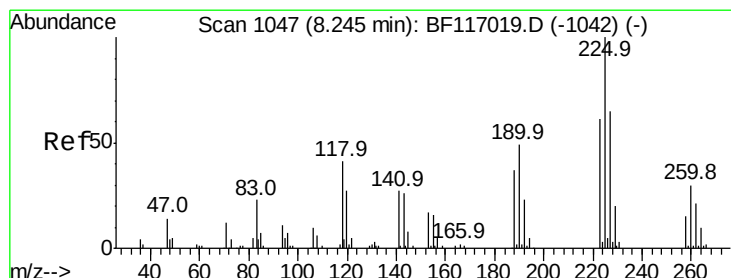
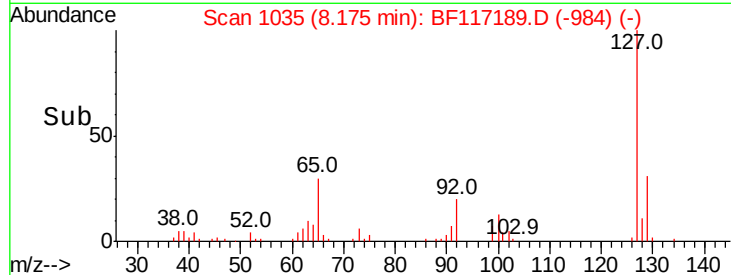
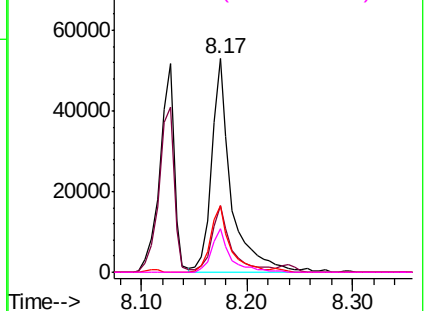
#33
4-Chloroaniline
Concen: 17.704 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	70015
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	31.3	23.5	35.3
92	20.3	15.9	23.9

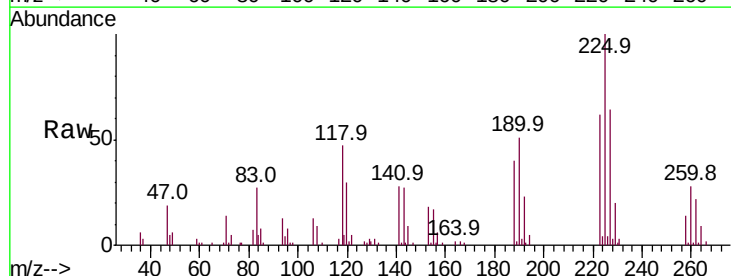


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

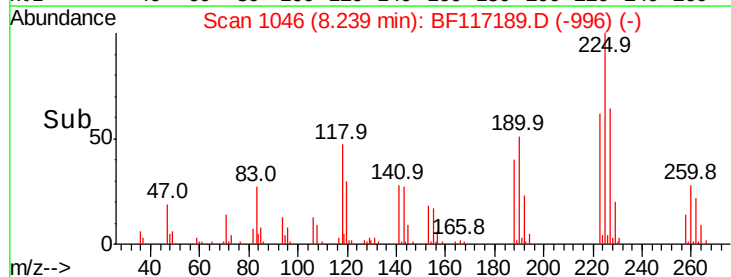
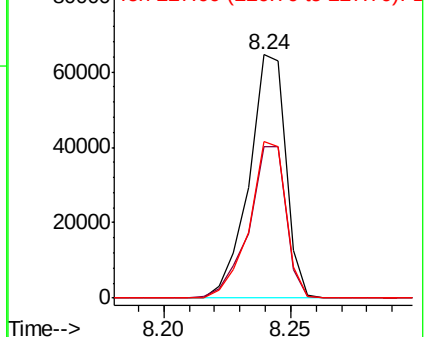


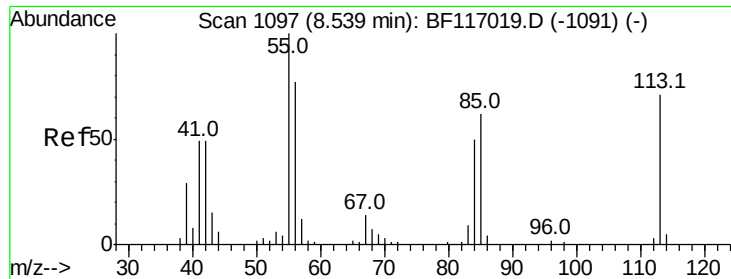
#34
Hexachlorobutadiene
Concen: 42.936 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion:	225	Resp:	65451
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.1	73.7
227	64.2	52.2	78.2



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

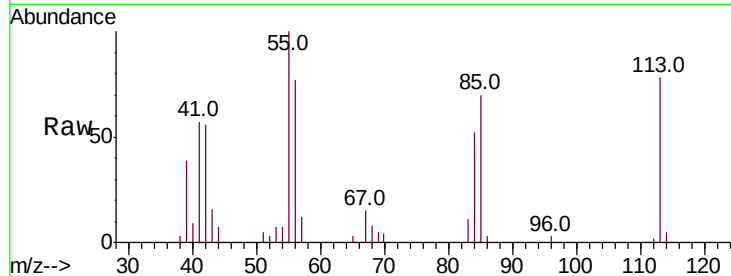




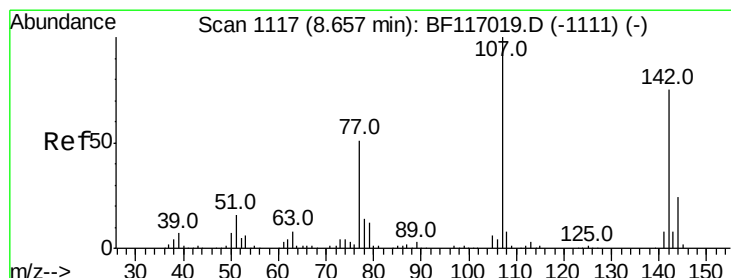
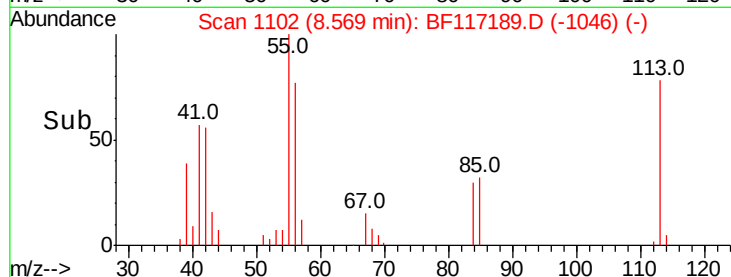
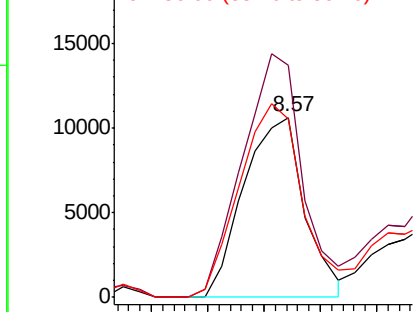
#35
 Caprolactam
 Concen: 18.879 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.03 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 15892
 Ion Ratio Lower Upper
 113 100
 55 129.0 120.6 160.6
 56 99.1 88.8 128.8

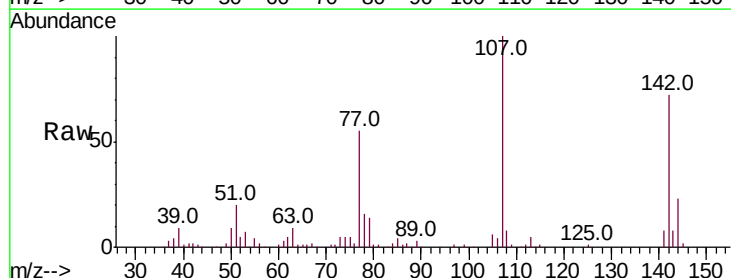


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

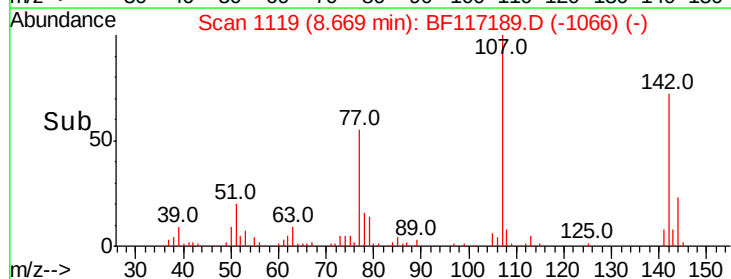
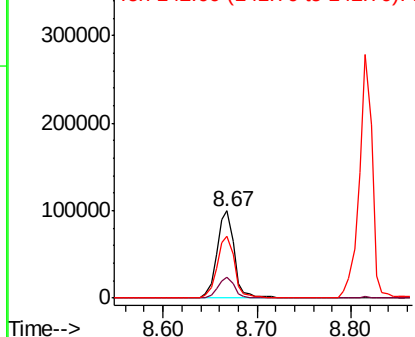


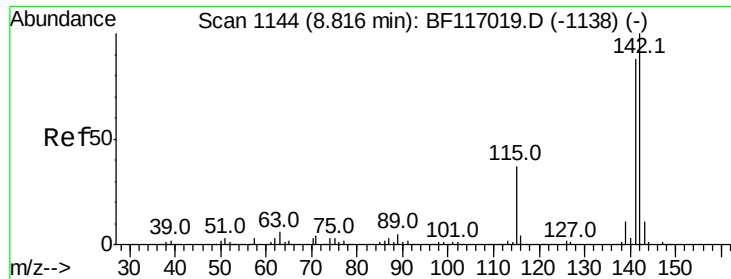
#36
 4-Chloro-3-methylphenol
 Concen: 44.612 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Tgt Ion:107 Resp: 129367
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.2 28.8
 142 71.6 59.6 89.4



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

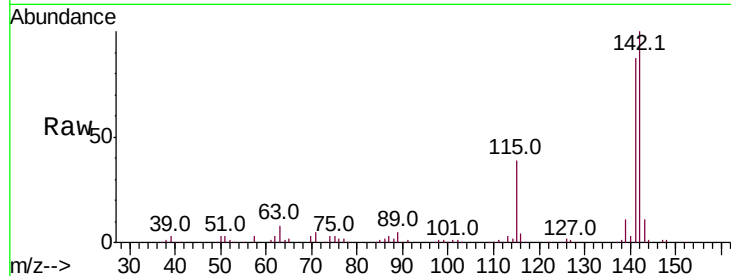




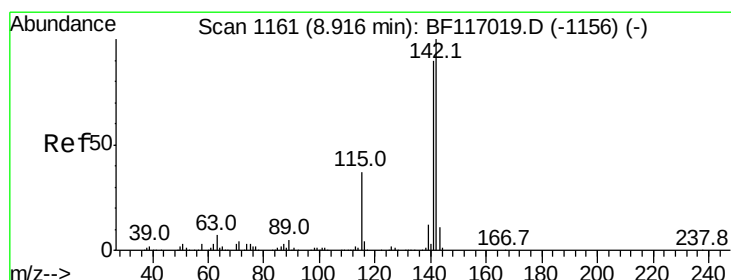
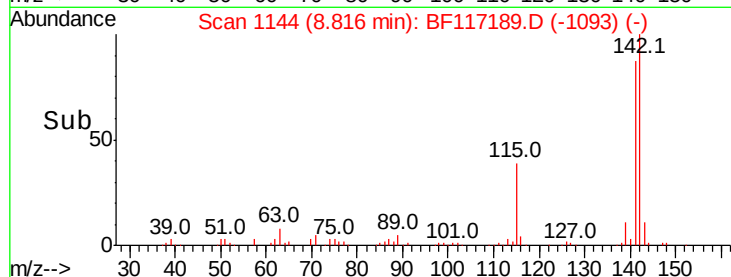
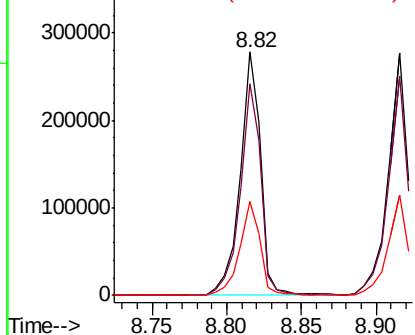
#37
2-Methylnaphthalene
Concen: 44.245 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.7	106.1
115	38.7	29.4	44.0

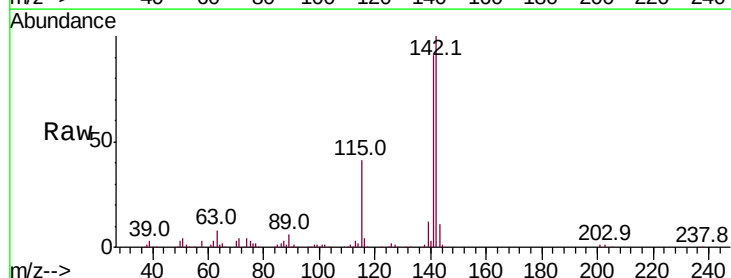


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

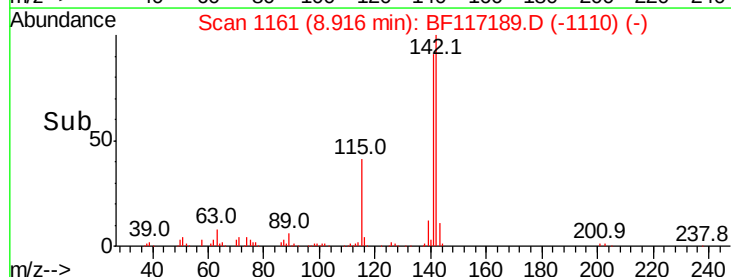
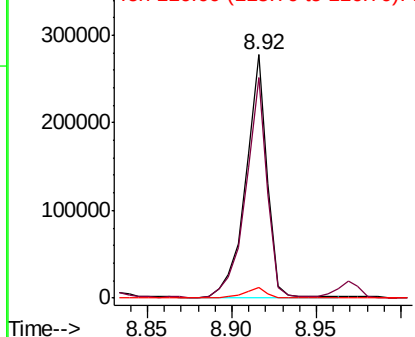


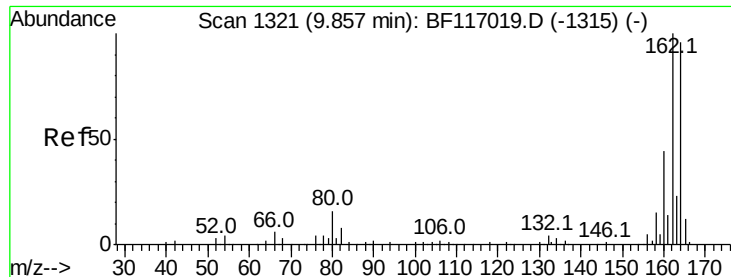
#38
1-Methylnaphthalene
Concen: 43.269 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
116	4.2	3.2	4.8



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

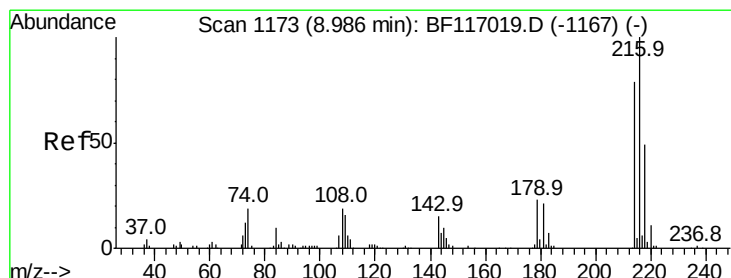
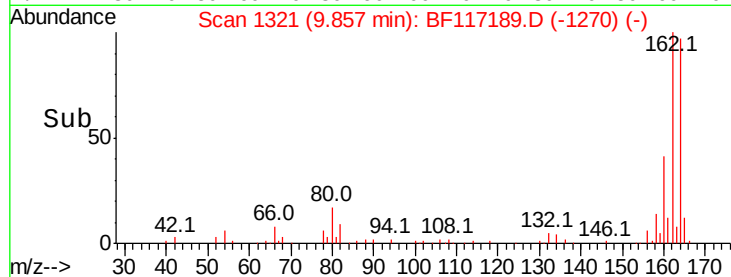
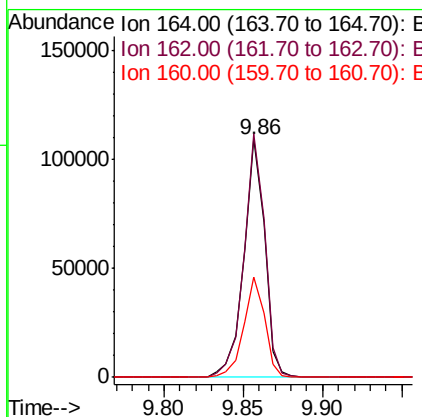
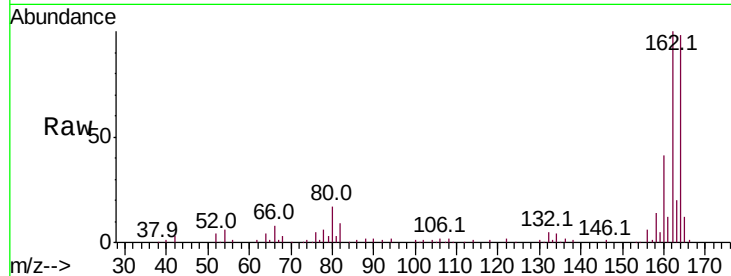




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

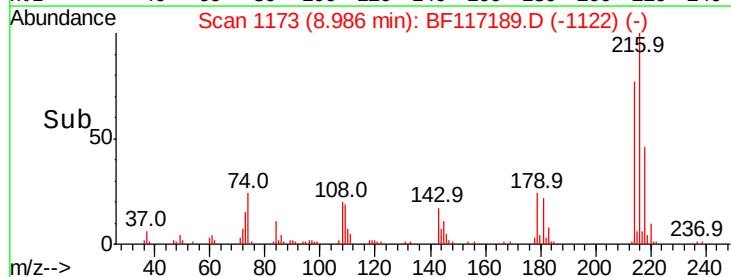
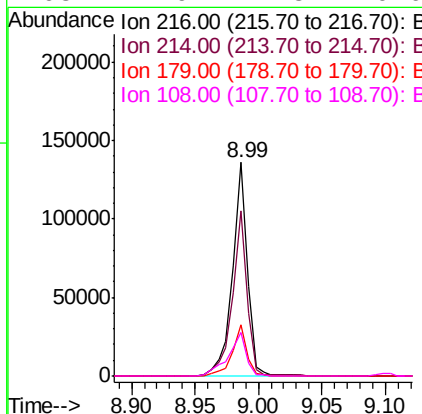
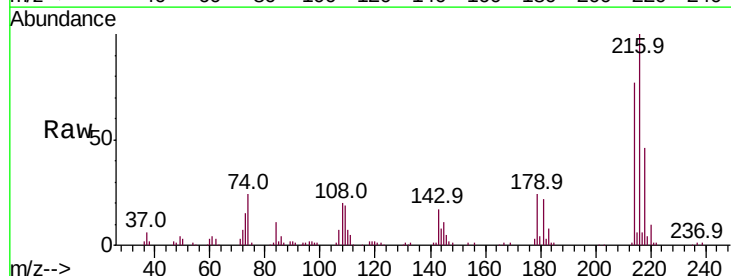
Instrument :
BNA_F
ClientSampled :

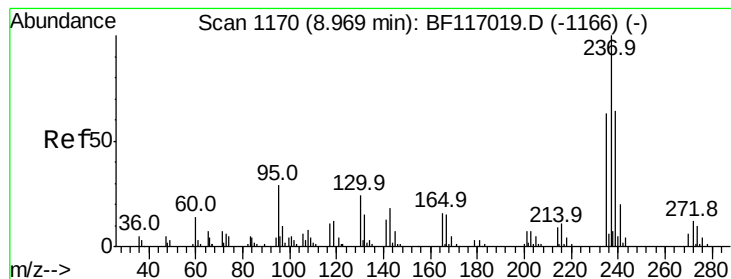
Tot Ion:164 Resp: 99628
Ion Ratio Lower Upper
164 100
162 102.2 83.4 125.2
160 42.2 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.882 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion:216 Resp: 110321
Ion Ratio Lower Upper
216 100
214 76.2 63.6 95.4
179 22.8 18.3 27.5
108 24.9 17.8 26.6





#41

Hexachlorocyclopentadiene

Concen: 100.378 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampleId :

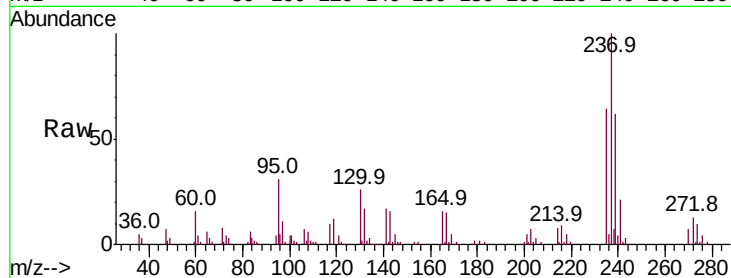
Tot Ion:237 Resp: 116668

Ion Ratio Lower Upper

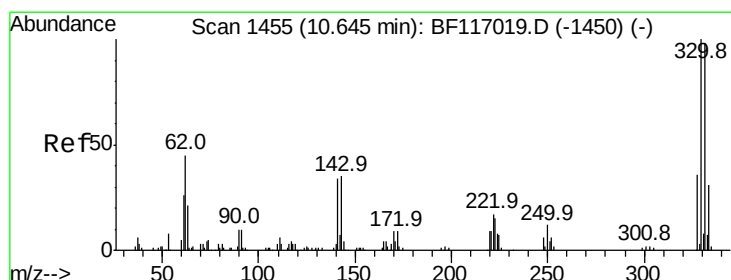
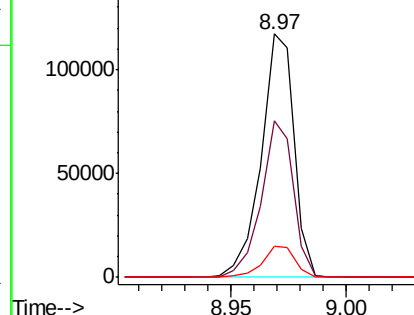
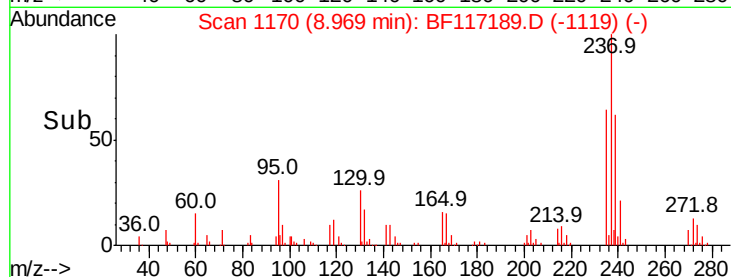
237 100

235 64.3 43.2 83.2

272 12.7 0.0 31.9



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: 149.255 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

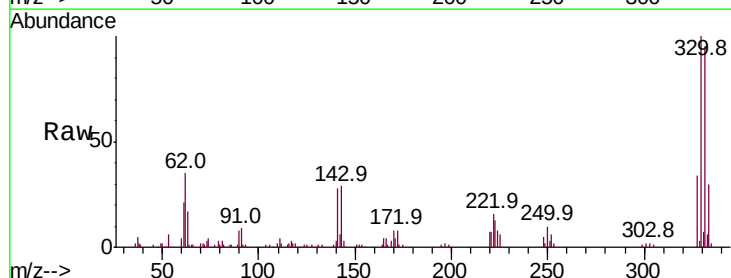
Tgt Ion:330 Resp: 124279

Ion Ratio Lower Upper

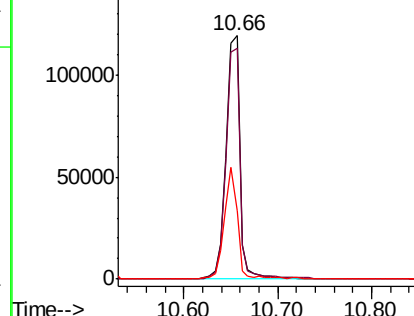
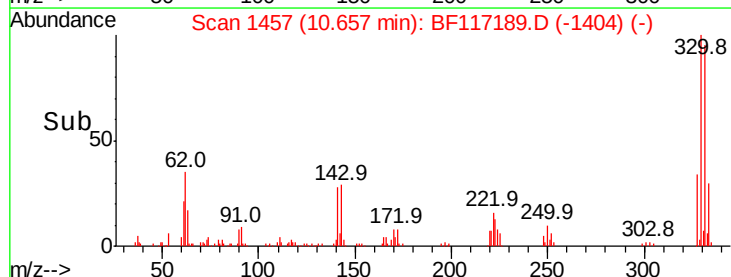
330 100

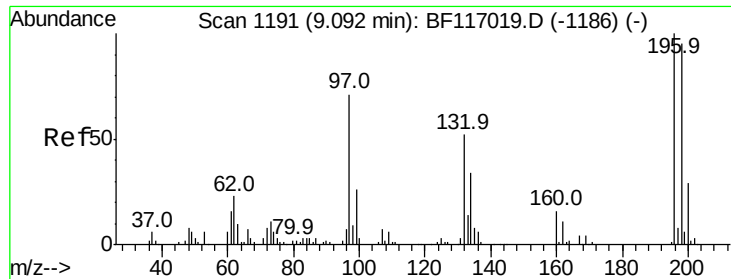
332 96.3 78.0 117.0

141 43.2 35.8 53.6



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

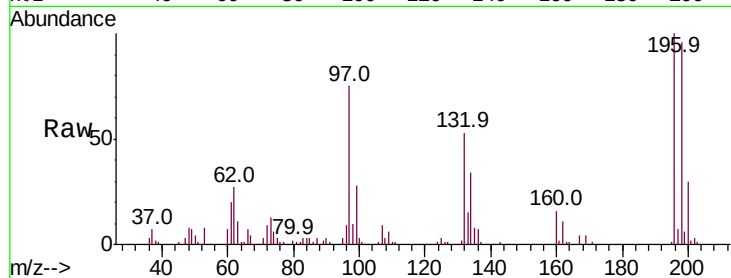




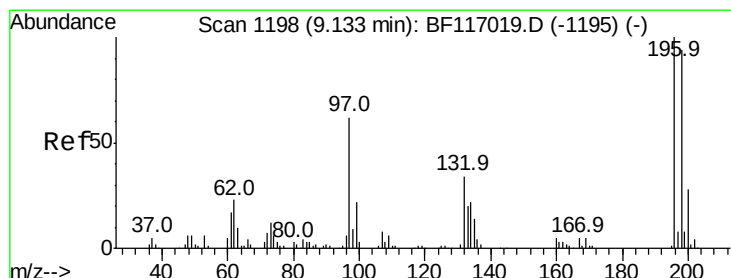
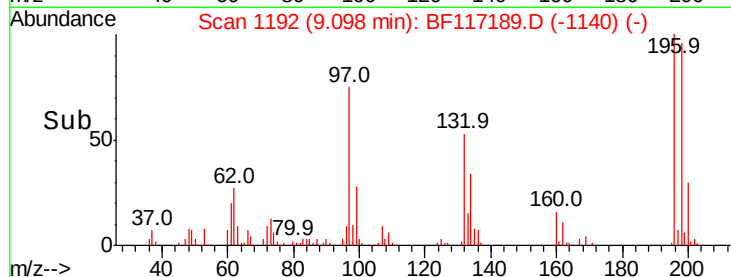
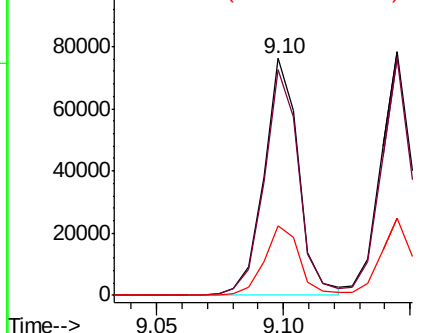
#43
 2,4,6-Trichlorophenol
 Concen: 41.541 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 72526
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 200 29.6 23.3 34.9

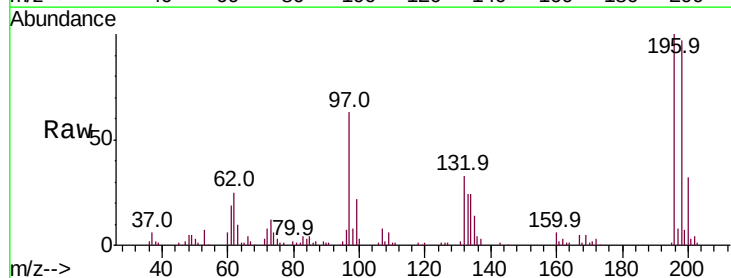


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

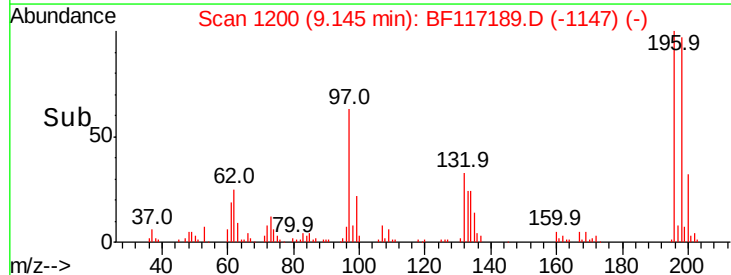
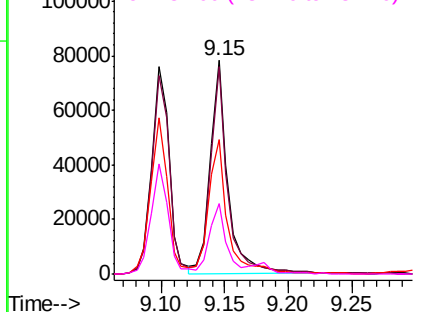


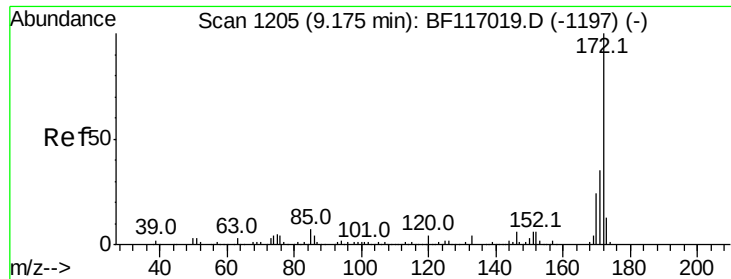
#44
 2,4,5-Trichlorophenol
 Concen: 41.272 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Tgt Ion:196 Resp: 76986
 Ion Ratio Lower Upper
 196 100
 198 97.3 74.6 112.0
 97 62.8 49.5 74.3
 132 33.1 27.4 41.2



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

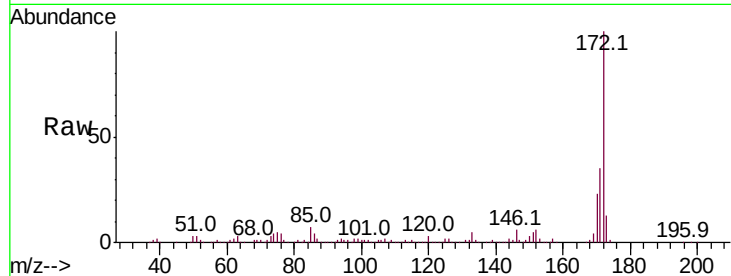




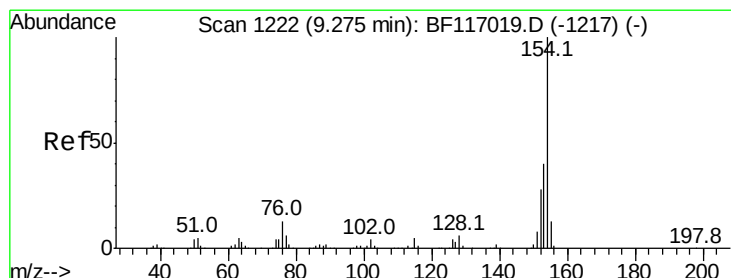
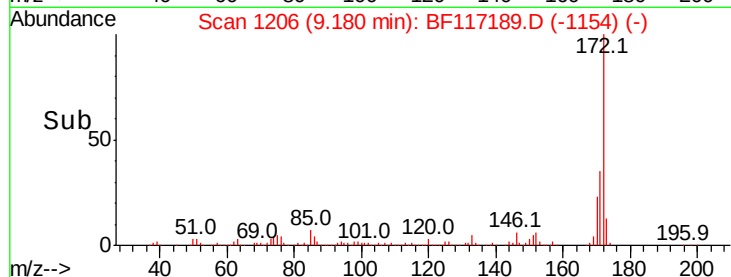
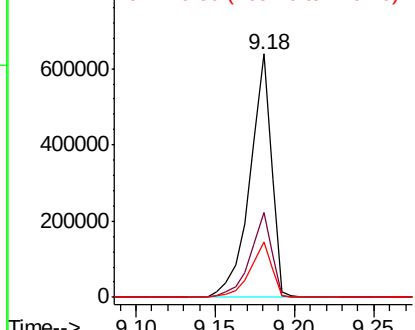
#45
2-Fluorobiphenyl
Concen: 94.742 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	22.6	18.9	28.3

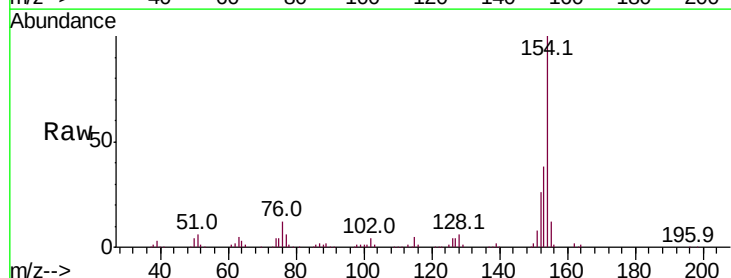


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

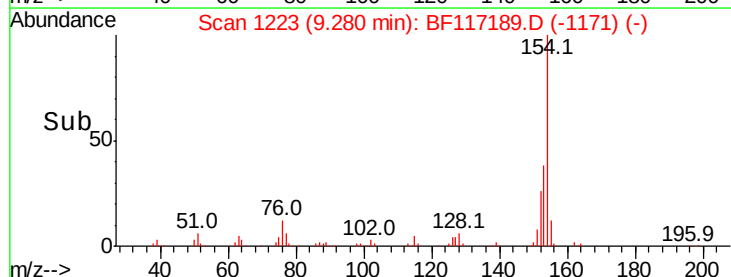
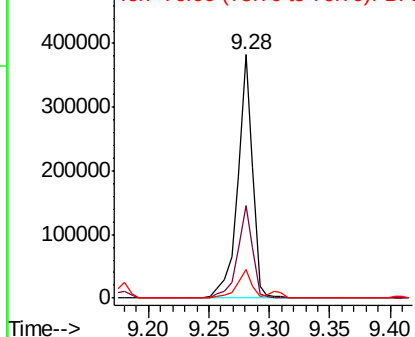


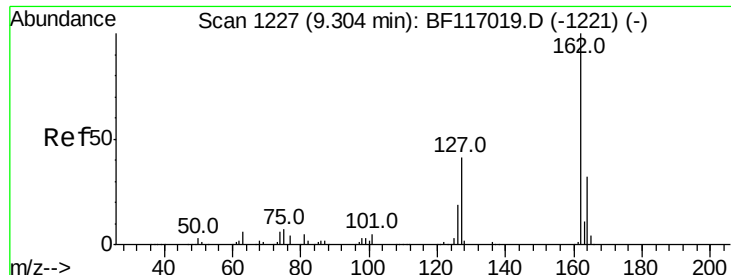
#46
1,1'-Biphenyl
Concen: 41.923 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	37.9	20.0	60.0
76	11.9	0.0	32.7



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

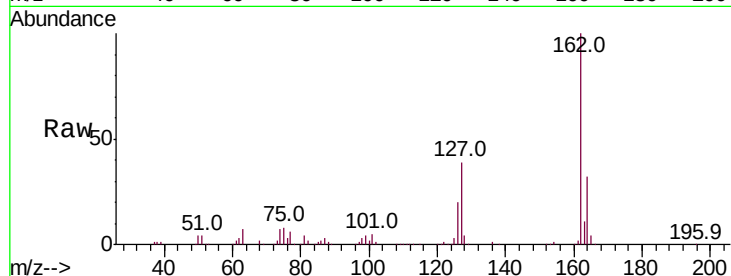




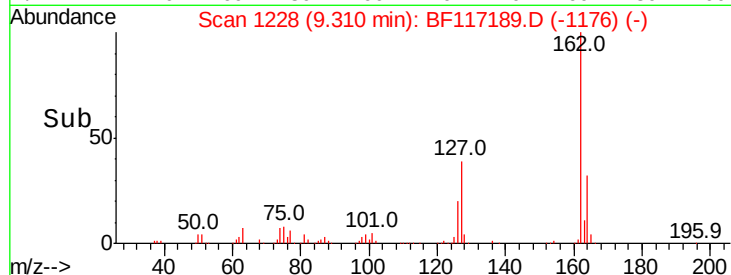
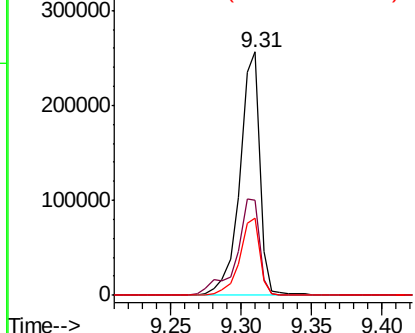
#47
 2-Chloronaphthalene
 Concen: 41.096 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	34.1	51.1
164	31.7	25.9	38.9

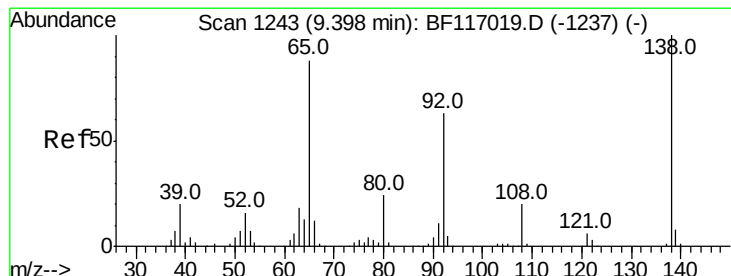


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

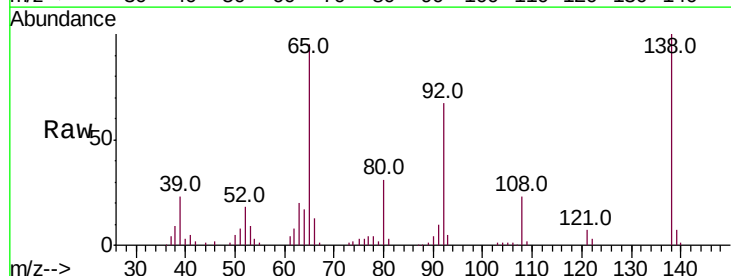
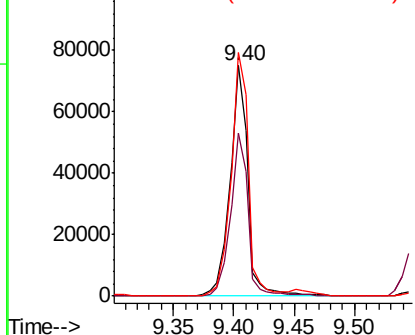


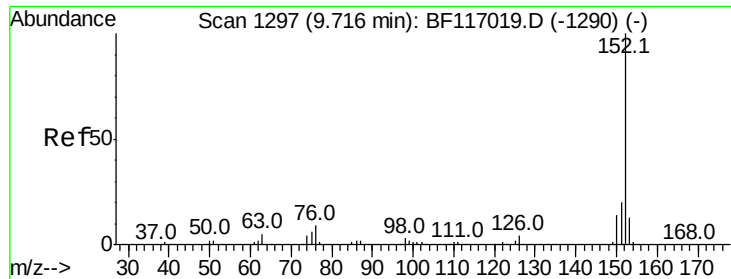
#48
 2-Nitroaniline
 Concen: 38.640 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	57.5	86.3
138	105.6	90.6	136.0



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: 42.302 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampled :

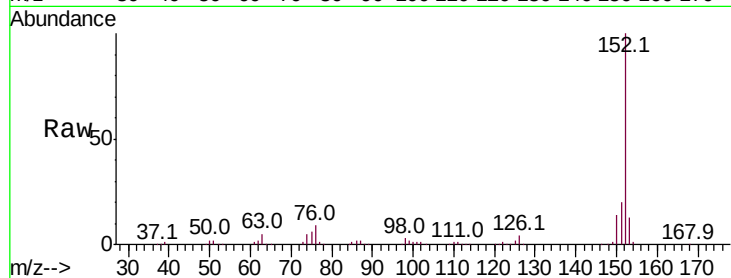
Tot Ion:152 Resp: 390846

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

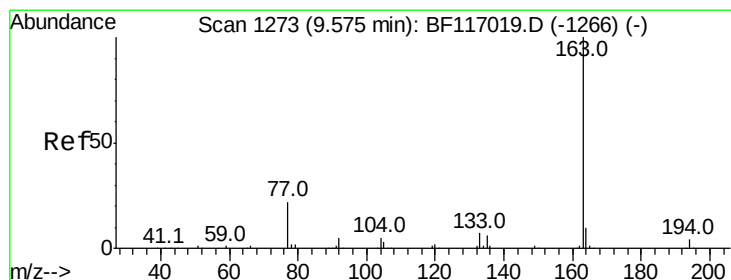
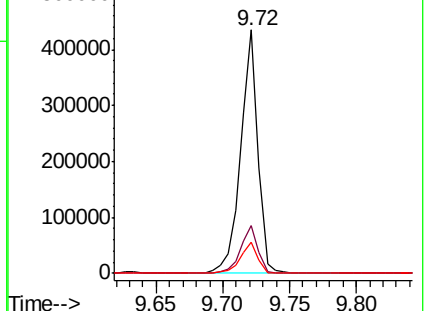
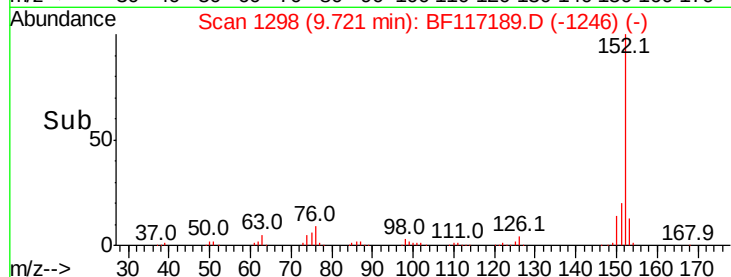
153 12.9 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.994 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

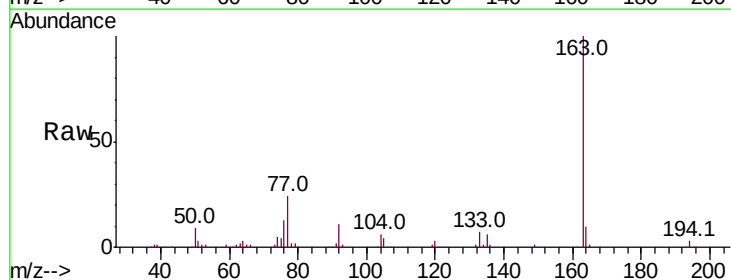
Tgt Ion:163 Resp: 303284

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

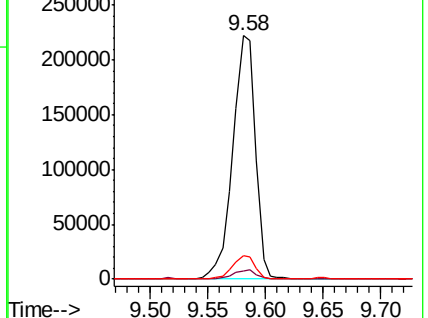
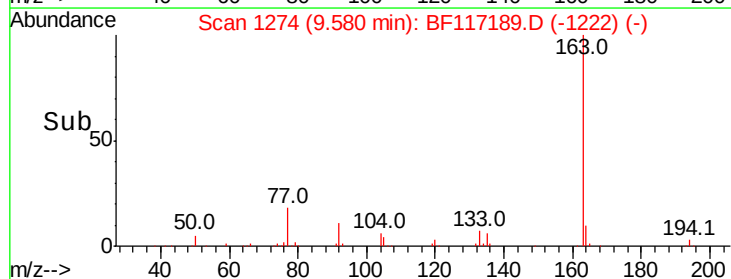
164 9.7 8.2 12.4

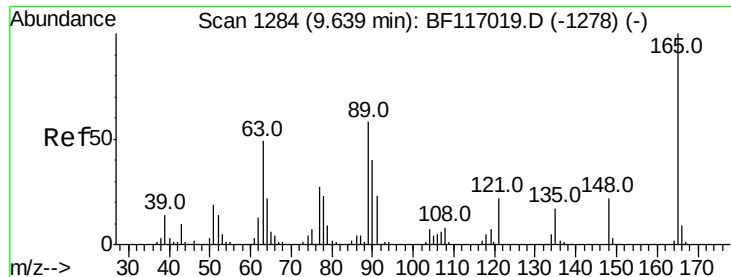


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

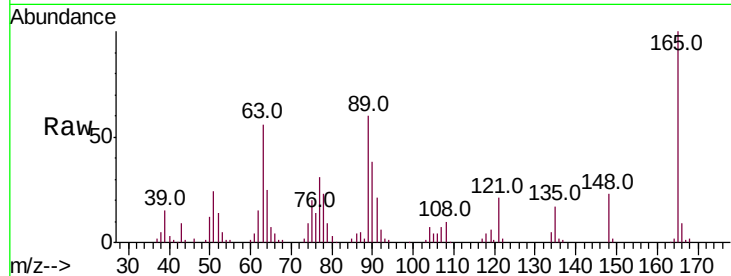




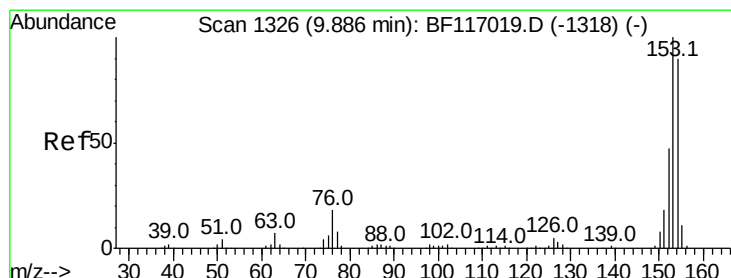
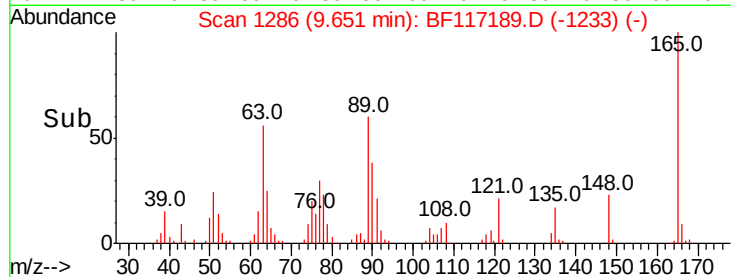
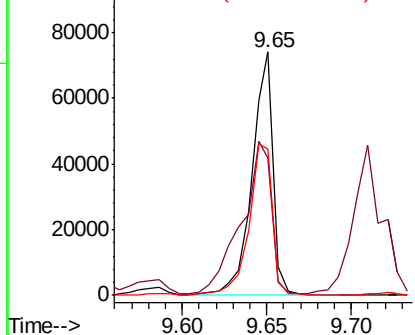
#51
 2,6-Dinitrotoluene
 Concen: 44.954 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:165 Resp: 64586
 Ion Ratio Lower Upper
 165 100
 63 56.4 41.8 62.8
 89 60.0 46.5 69.7

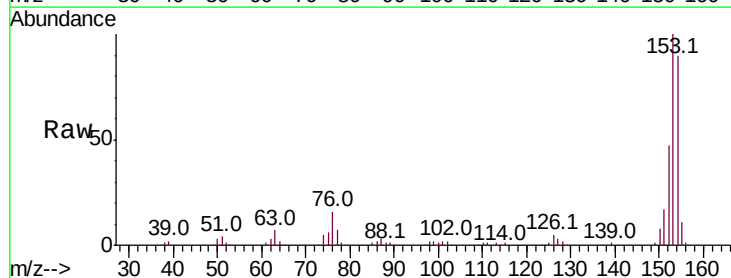


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

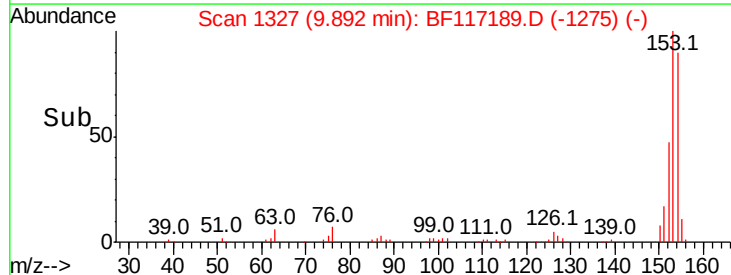
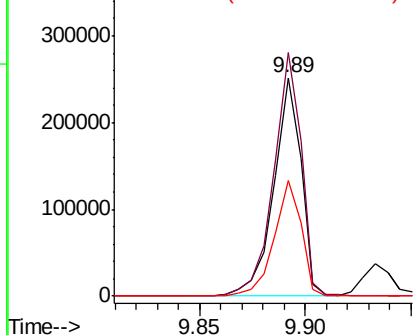


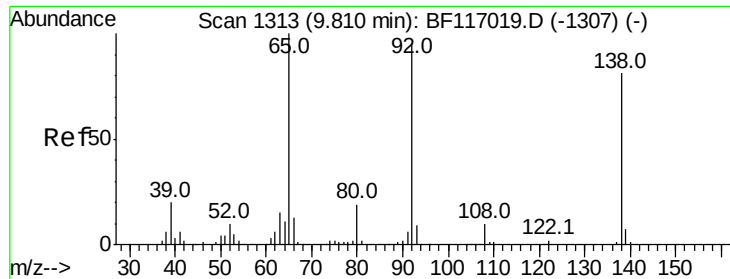
#52
 Acenaphthene
 Concen: 41.535 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Tgt Ion:154 Resp: 227487
 Ion Ratio Lower Upper
 154 100
 153 111.6 89.0 133.6
 152 52.8 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

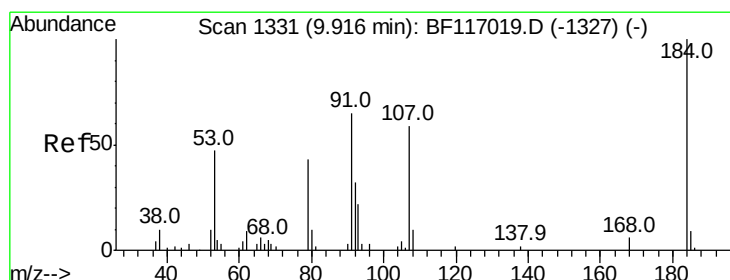
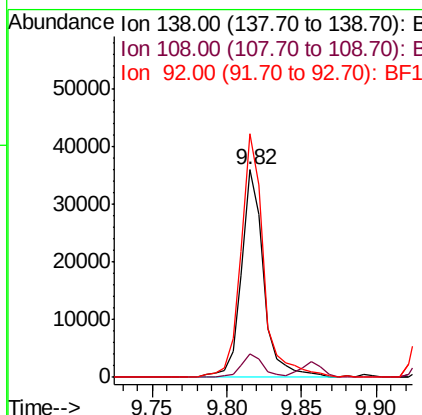
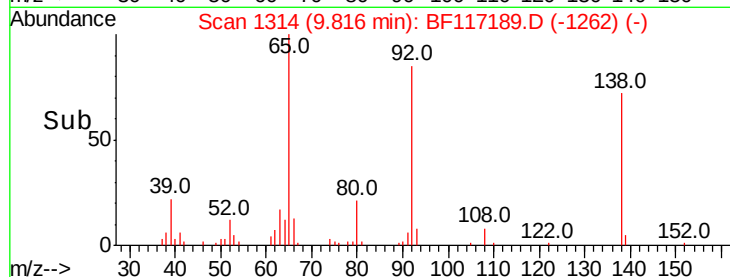
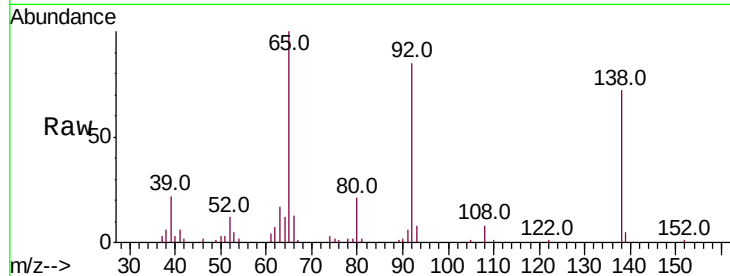




#53
 3-Nitroaniline
 Concen: 20.614 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

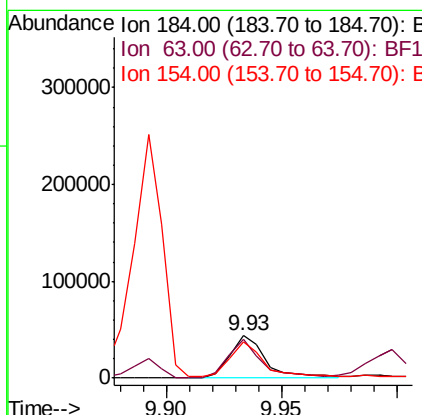
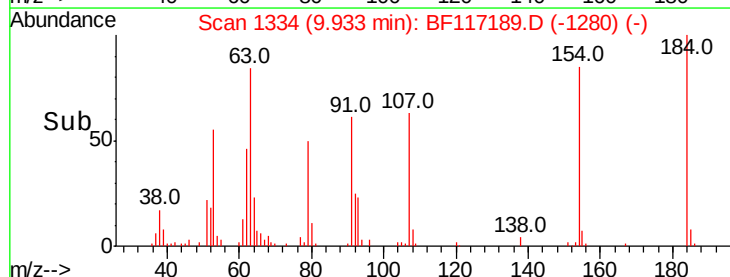
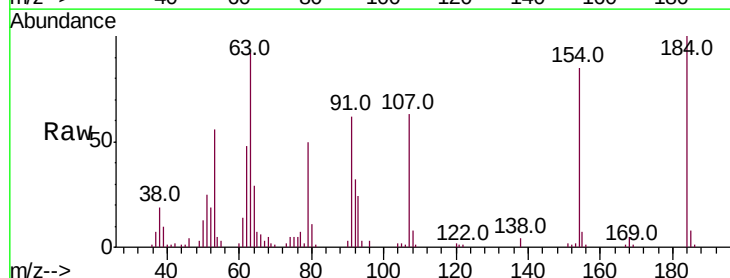
Instrument :
 BNA_F
 ClientSampleId :

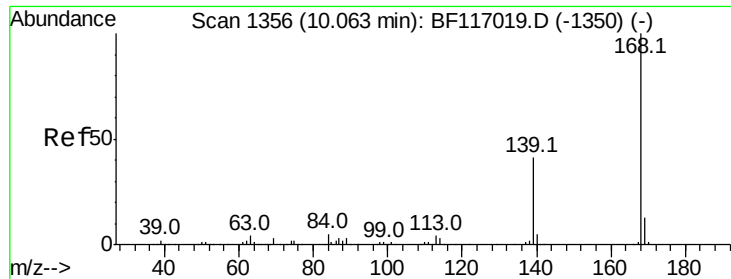
Tot Ion:138 Resp: 37366
 Ion Ratio Lower Upper
 138 100
 108 11.3 9.5 14.3
 92 117.3 94.1 141.1



#54
 2,4-Dinitrophenol
 Concen: 76.822 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Tgt Ion:184 Resp: 47402
 Ion Ratio Lower Upper
 184 100
 63 91.7 63.8 95.6
 154 85.5 60.4 90.6

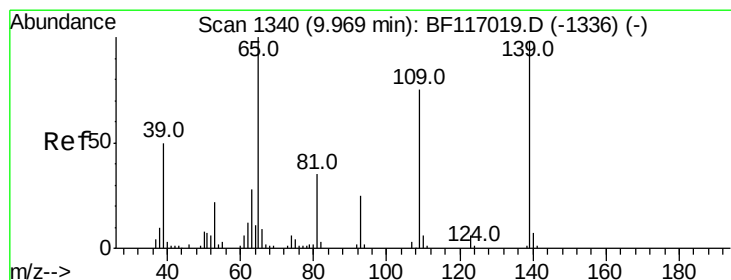
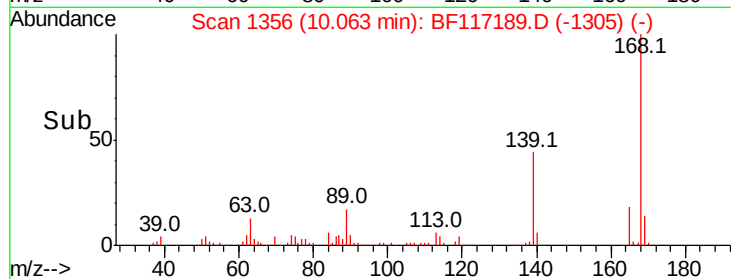
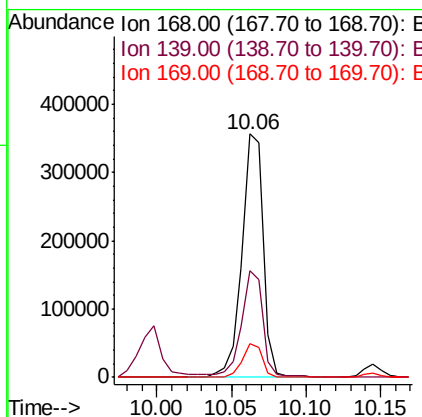
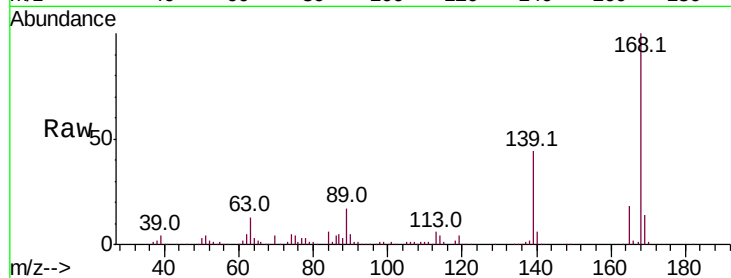




#55
Dibenzenofuran
Concen: 44.015 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

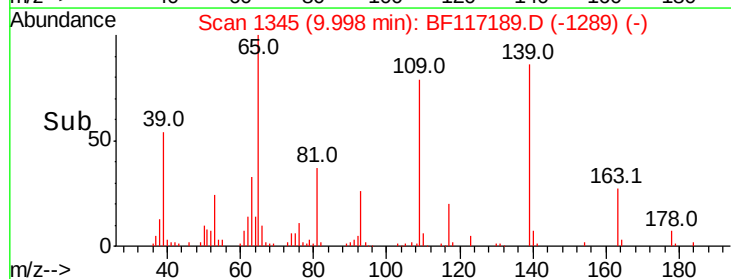
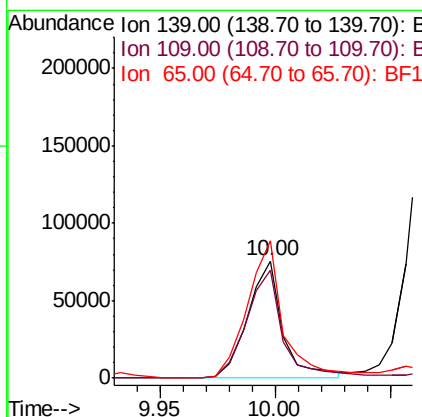
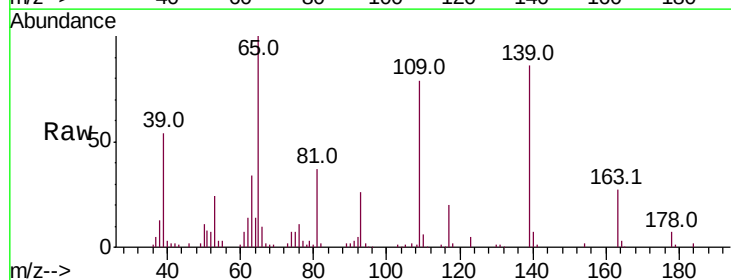
Instrument :
BNA_F
ClientSampled :

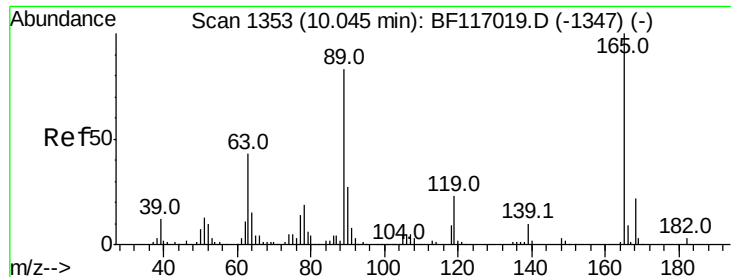
Tot Ion	Ratio	Lower	Upper
168	100		
139	44.1	32.8	49.2
169	13.6	10.5	15.7



#56
4-Nitrophenol
Concen: 67.927 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.3	56.4	96.4
65	116.7	82.5	122.5

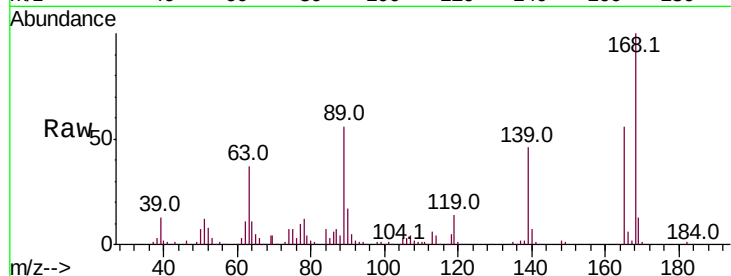




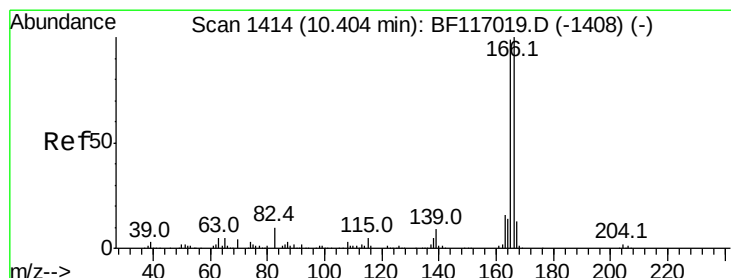
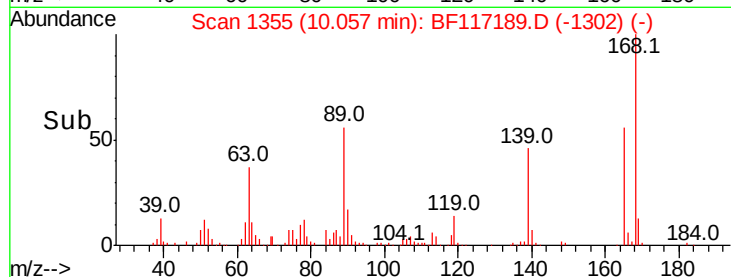
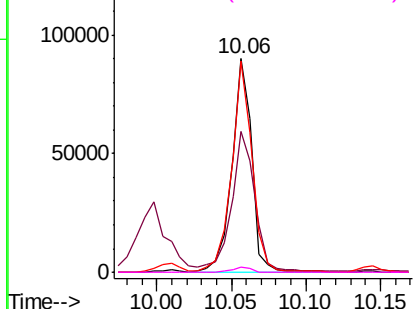
#57
2,4-Dinitrotoluene
Concen: 45.511 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.8	35.0	52.4
89	98.9	66.1	99.1
182	2.5	2.0	3.0

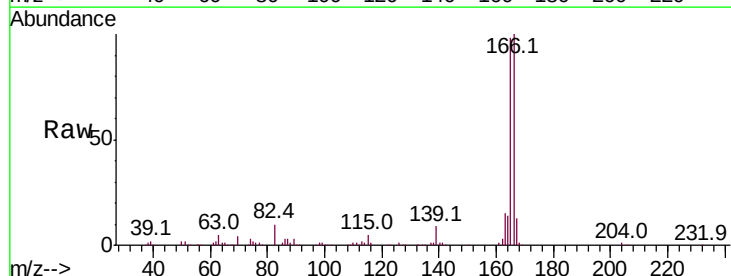


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

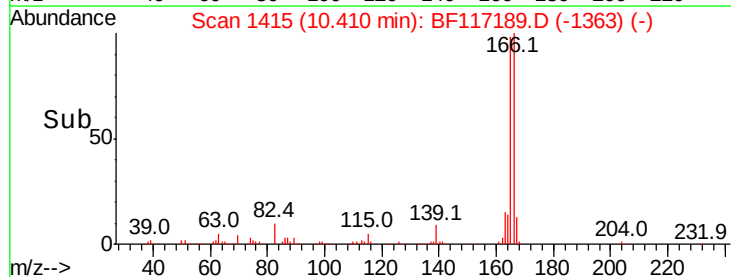
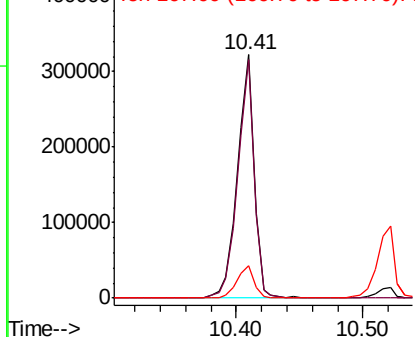


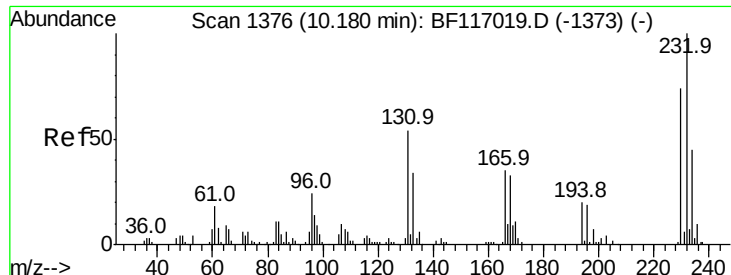
#58
Fluorene
Concen: 44.674 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.9	118.3
167	13.2	10.6	15.8



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

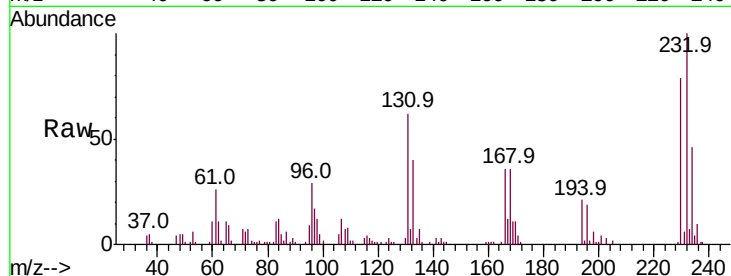




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.515 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	63.1	45.3	67.9
130	2.7	1.8	2.8
166	38.0	29.4	44.2



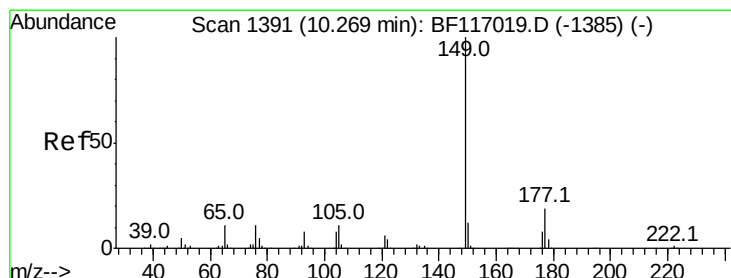
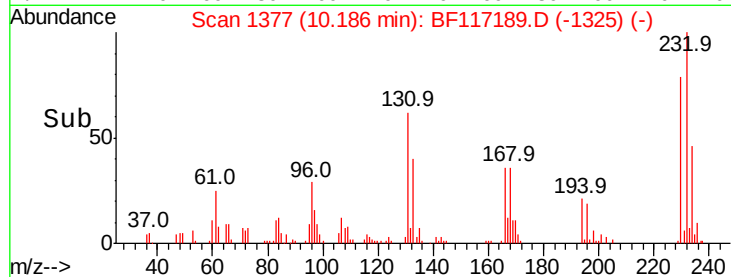
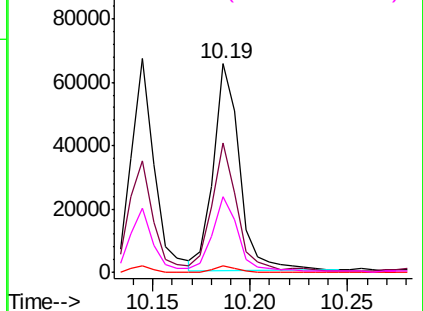
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

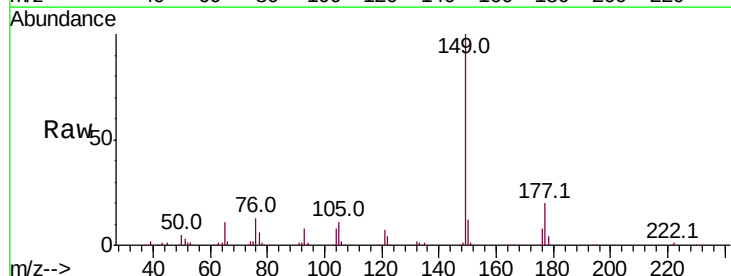
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 46.044 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.6	15.2	22.8
150	12.1	9.9	14.9

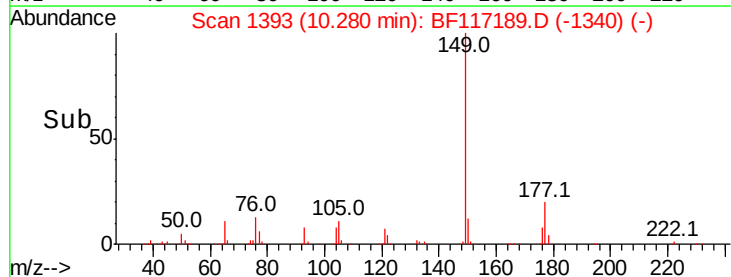
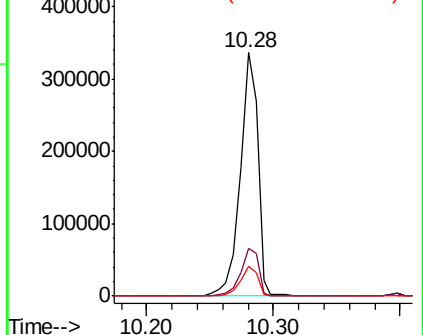


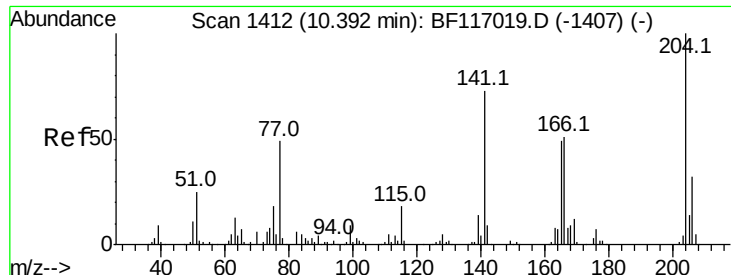
Abundance

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

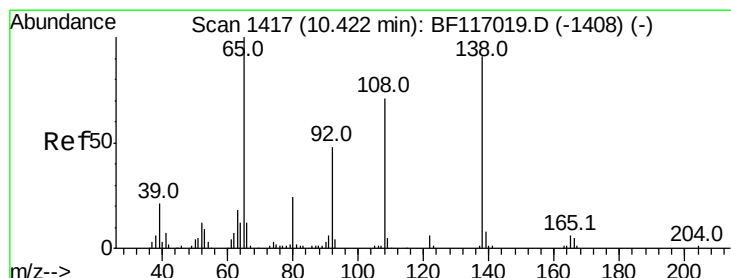
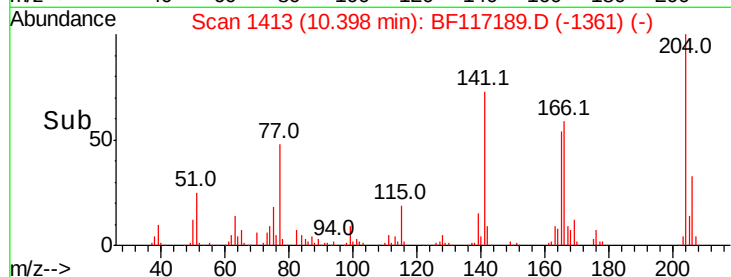
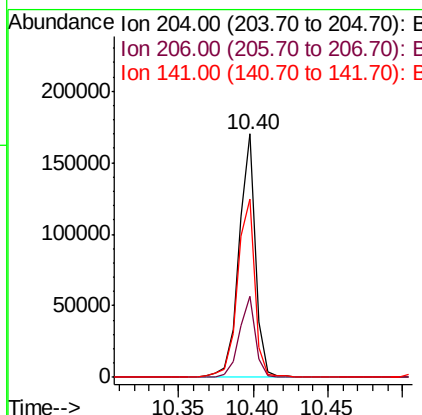
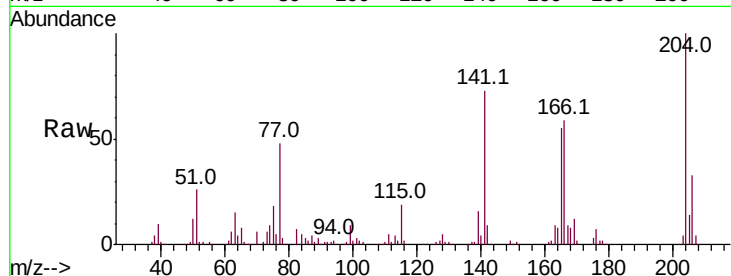




#61
4-Chlorophenyl-phenylether
Concen: 46.725 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

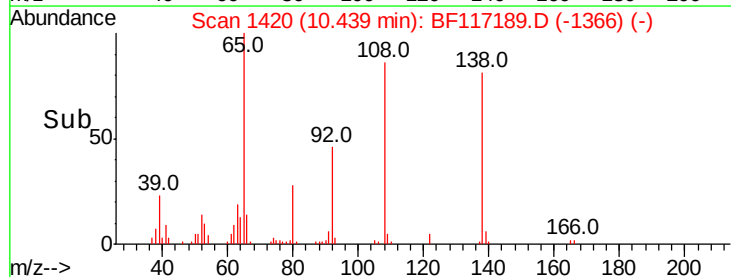
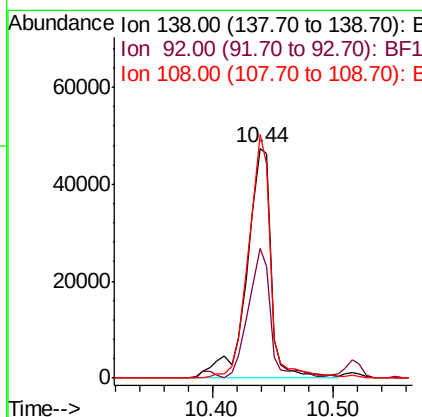
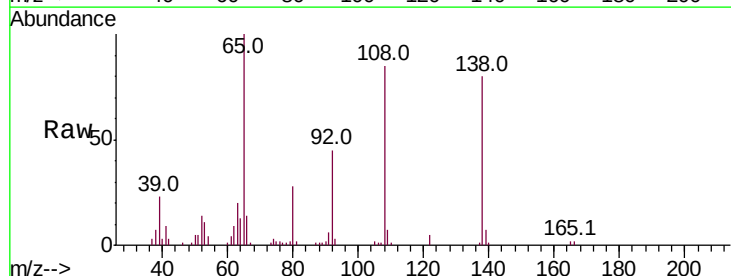
Instrument :
BNA_F
ClientSampleId :

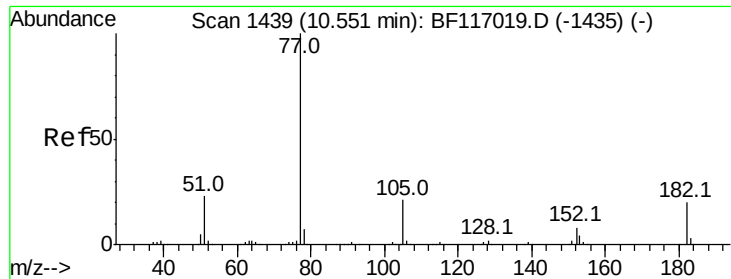
Tot Ion:204 Resp: 131596
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 73.3 58.2 87.2



#62
4-Nitroaniline
Concen: 35.395 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion:138 Resp: 66724
Ion Ratio Lower Upper
138 100
92 56.4 32.9 72.9
108 106.0 58.3 98.3#





#63

Azobenzene

Concen: 44.320 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 314143

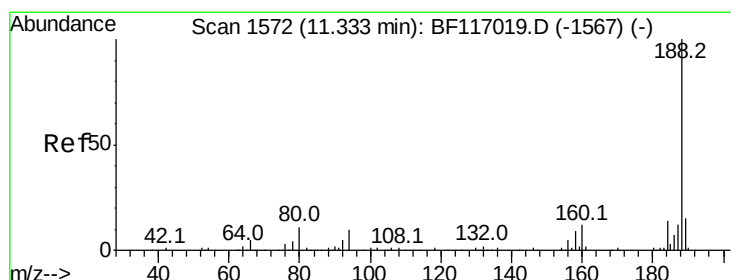
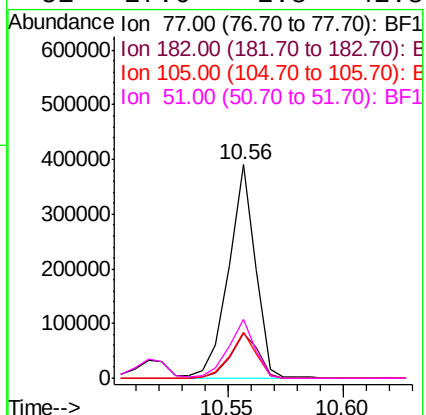
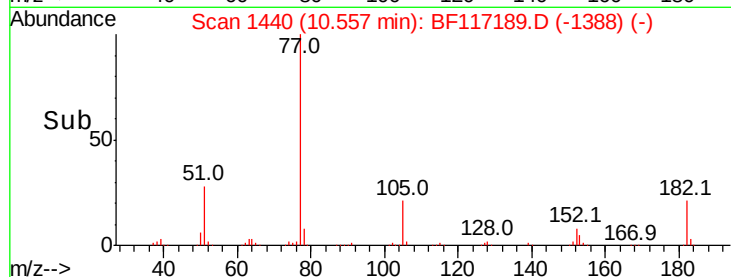
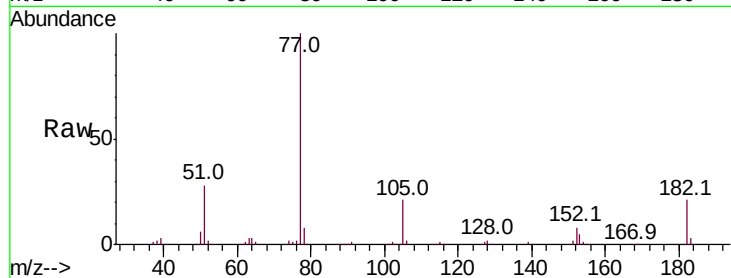
Ion Ratio Lower Upper

77 100

182 20.8 0.4 40.4

105 21.3 0.9 40.9

51 27.6 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

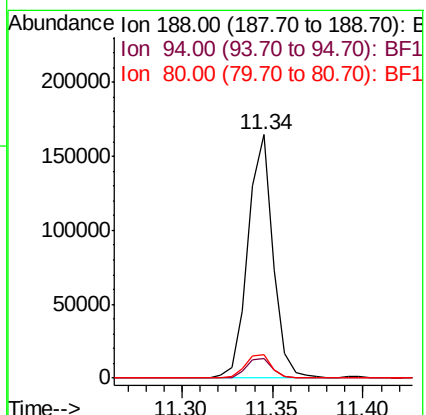
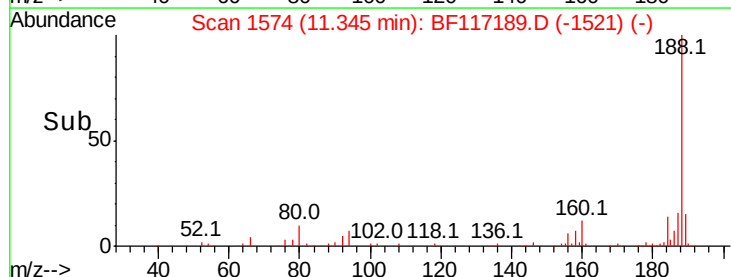
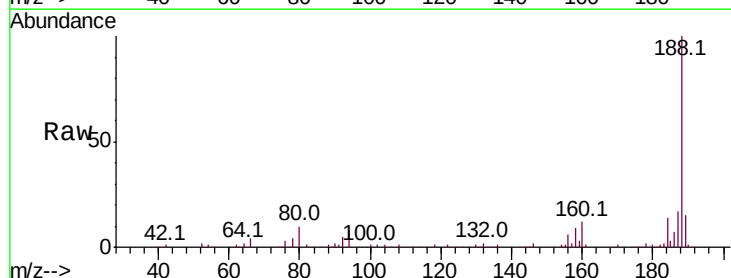
Tgt Ion: 188 Resp: 157821

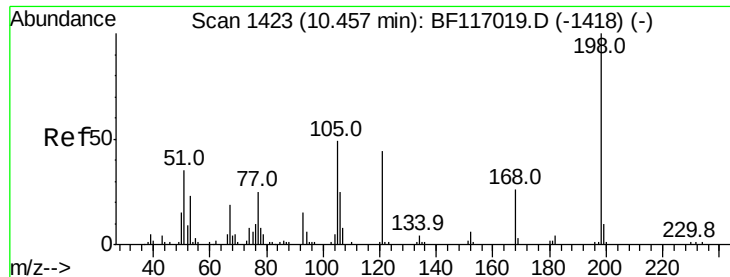
Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

80 9.8 9.0 13.6

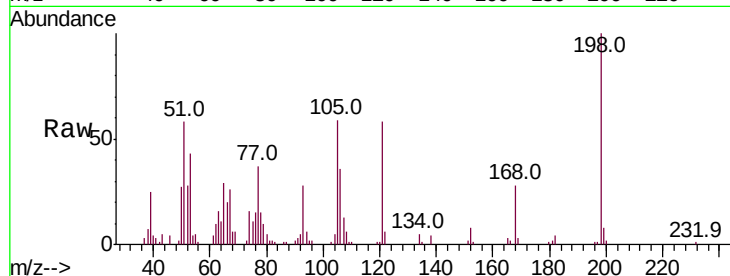




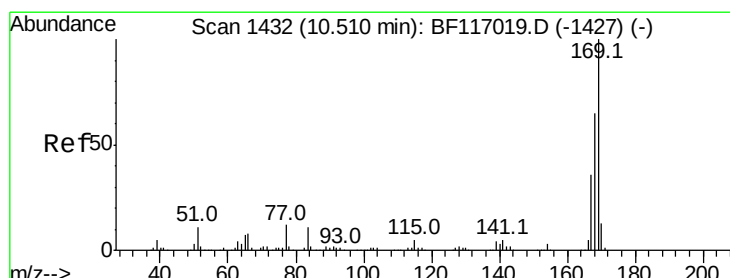
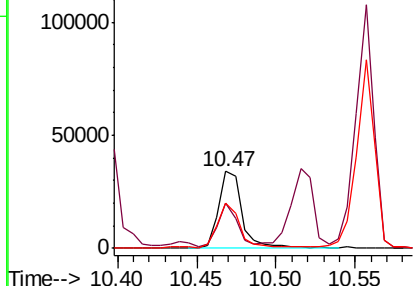
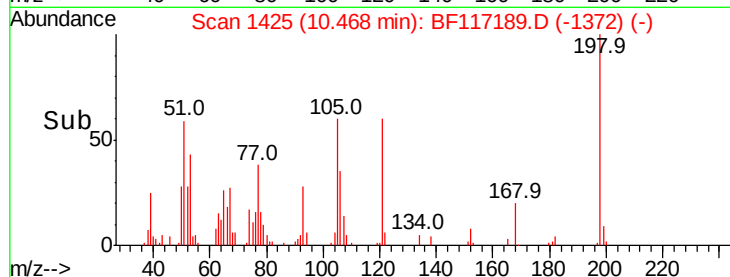
#65
4,6-Dinitro-2-methylphenol
Concen: 48.674 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 35083
Ion Ratio Lower Upper
198 100
51 58.1 18.7 58.7
105 58.7 30.2 70.2

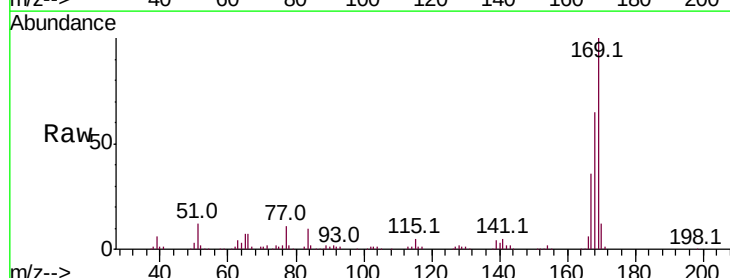


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

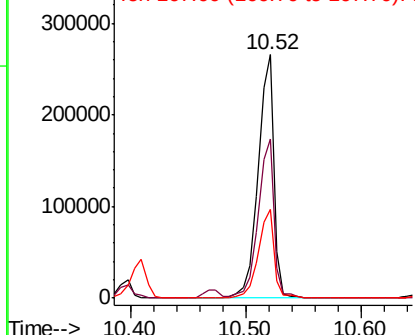
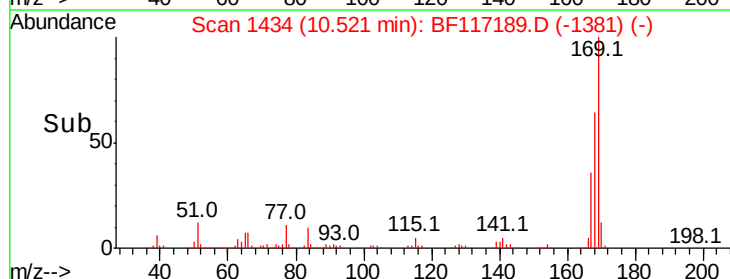


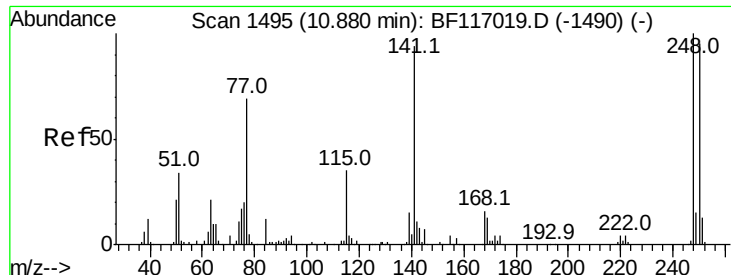
#66
n-Nitrosodiphenylamine
Concen: 46.837 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion:169 Resp: 255287
Ion Ratio Lower Upper
169 100
168 65.1 52.2 78.2
167 36.2 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

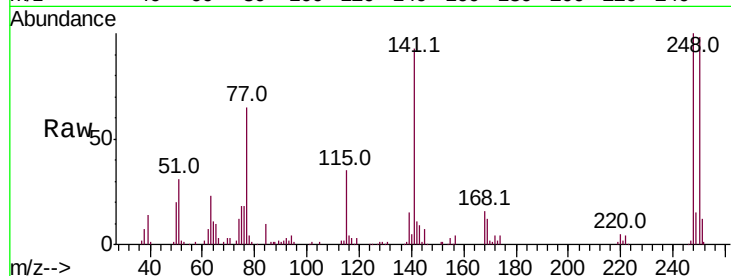




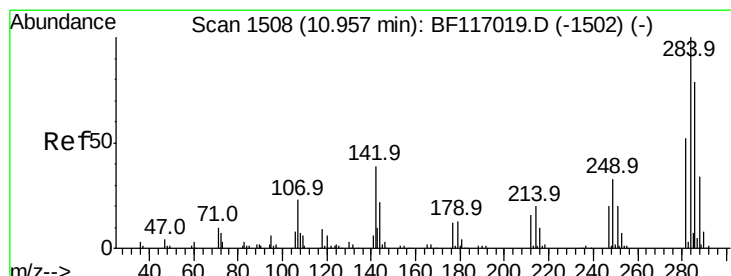
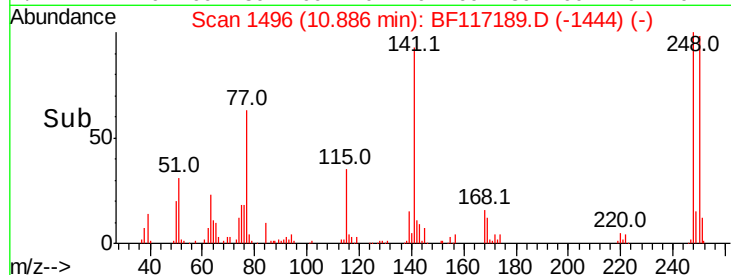
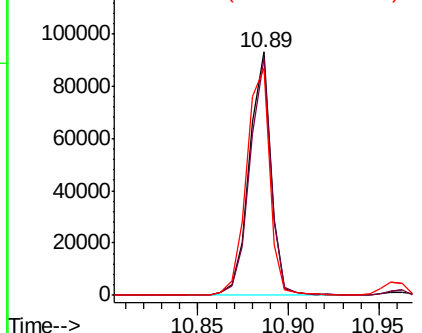
#67
 4-Bromophenyl-phenylether
 Concen: 47.971 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 77317
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.2 114.4
 141 93.4 75.0 112.4

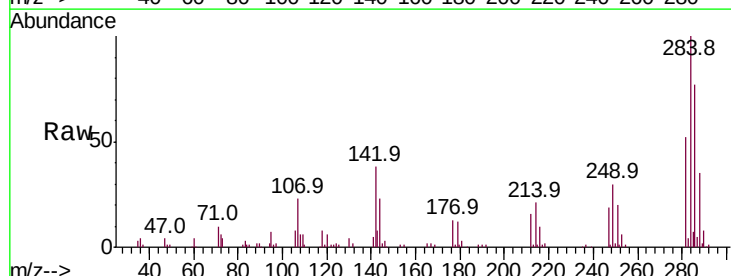


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

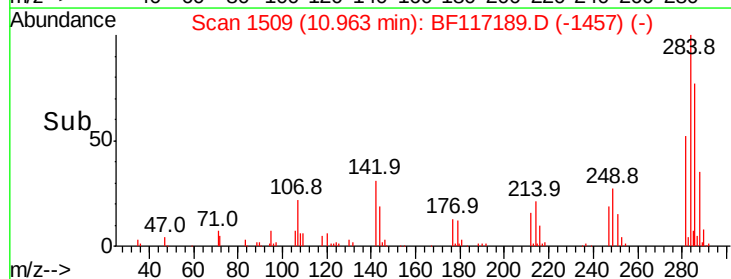
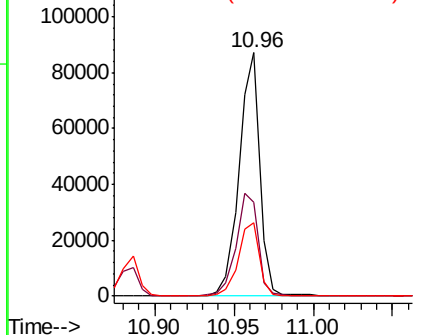


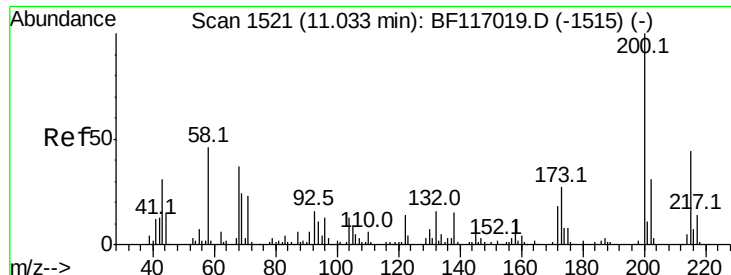
#68
 Hexachlorobenzene
 Concen: 44.751 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Tgt Ion:284 Resp: 78890
 Ion Ratio Lower Upper
 284 100
 142 38.3 31.4 47.2
 249 30.0 26.5 39.7



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

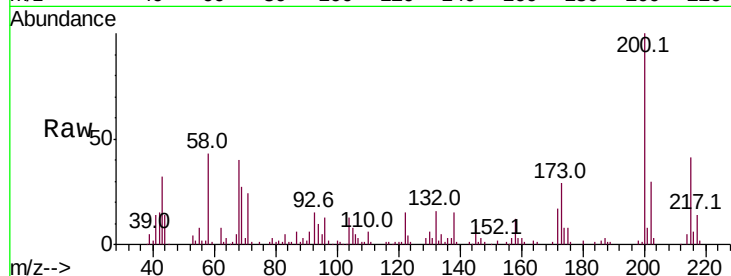




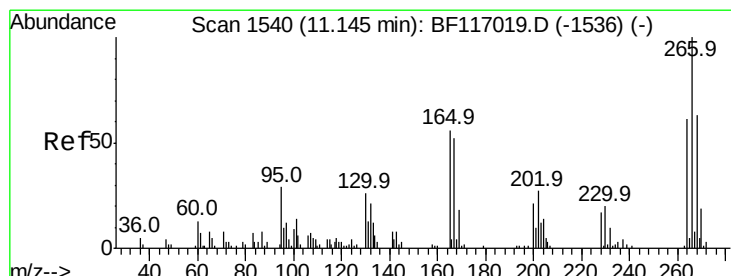
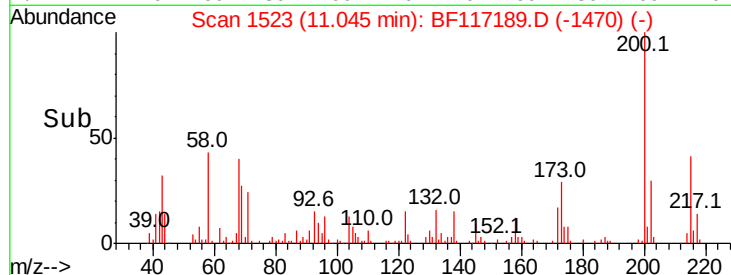
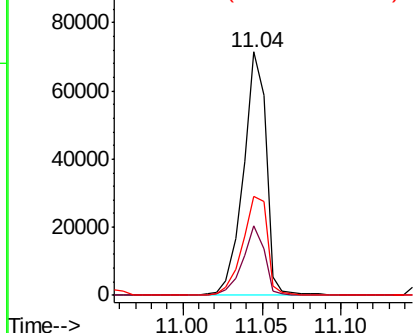
#69
 Atrazine
 Concen: 55.535 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 70712
 Ion Ratio Lower Upper
 200 100
 173 28.5 6.9 46.9
 215 40.9 23.8 63.8

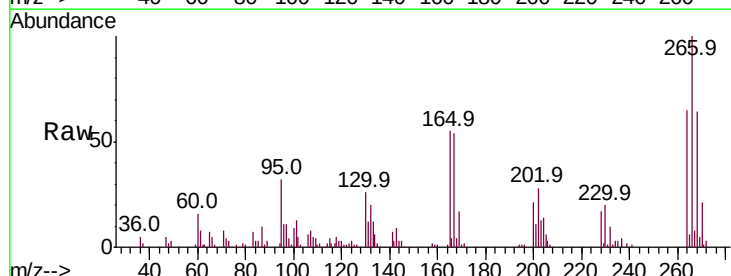


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

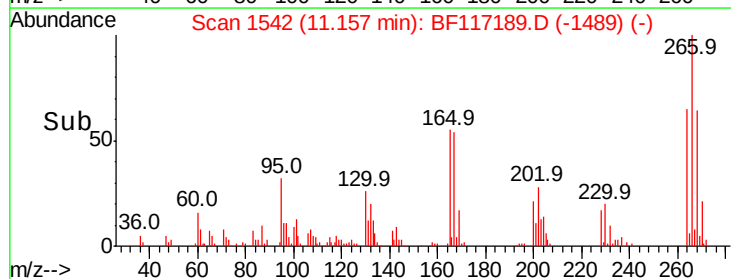
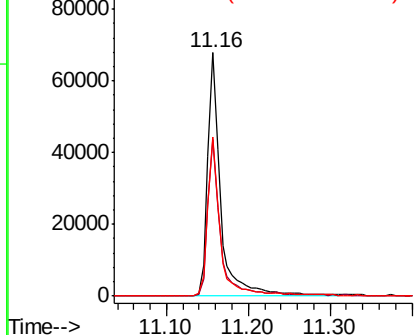


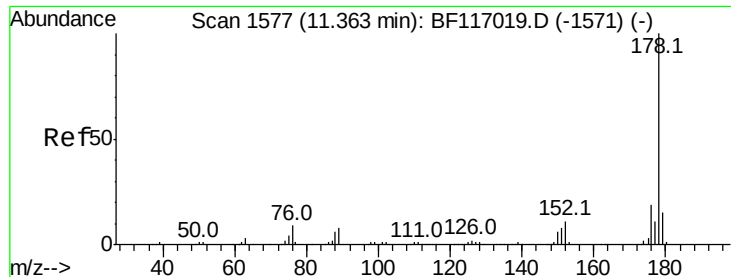
#70
 Pentachlorophenol
 Concen: 91.286 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Tgt Ion:266 Resp: 75432
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.5 75.7
 264 65.5 48.8 73.2



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

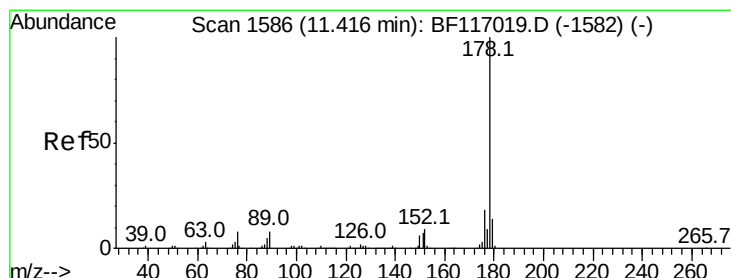
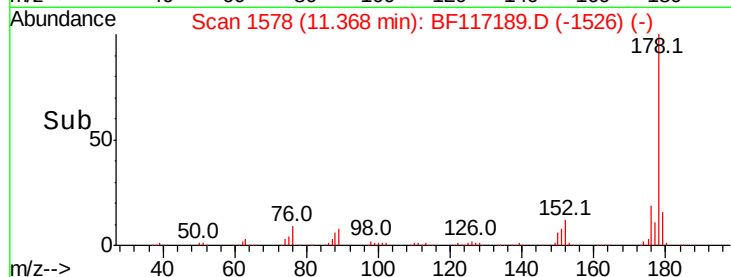
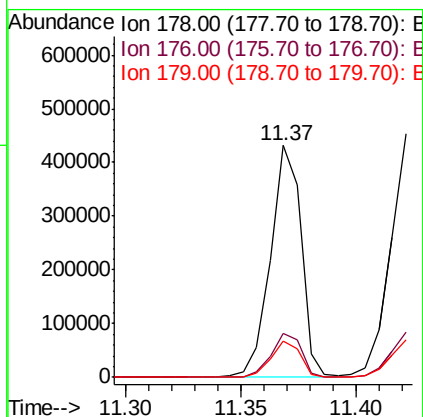
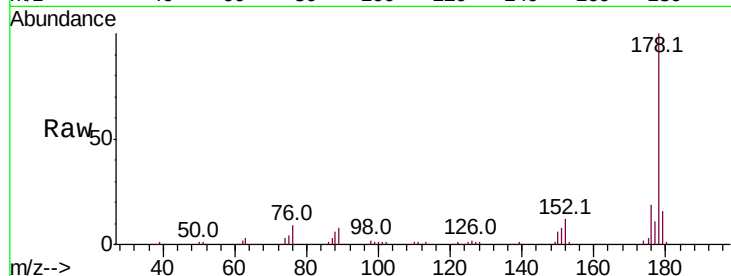




#71
Phenanthrene
Concen: 44.466 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

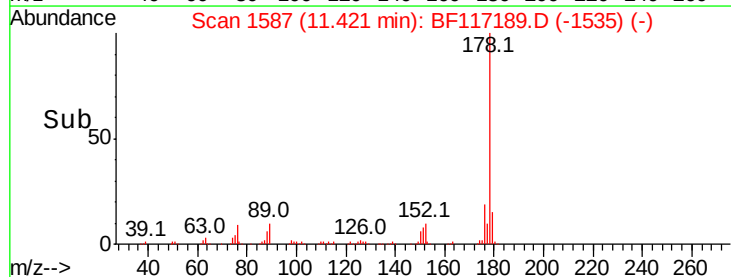
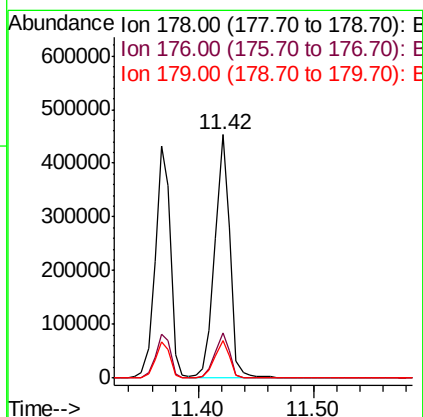
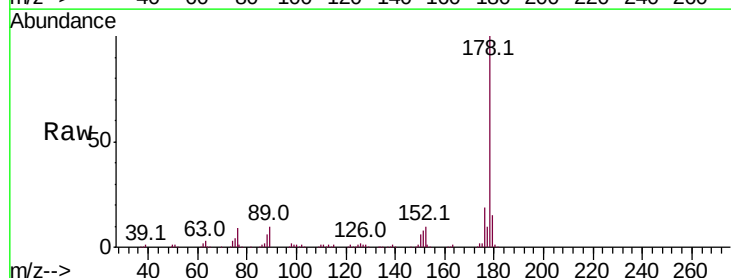
Instrument :
BNA_F
ClientSampleId :

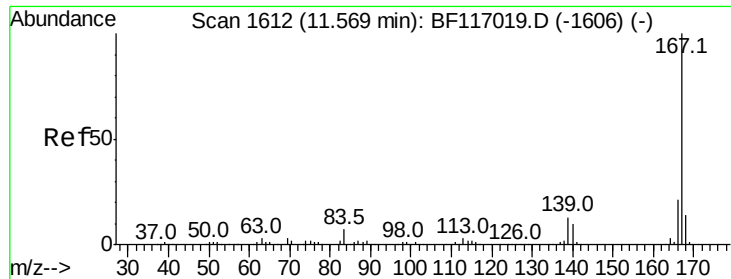
Tot Ion:178 Resp: 398604
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.6 12.4 18.6



#72
Anthracene
Concen: 44.873 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion:178 Resp: 410669
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.4 11.6 17.4

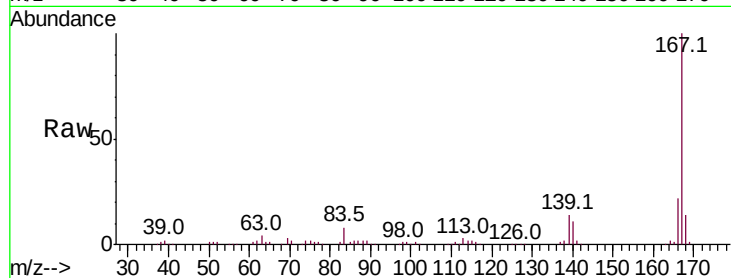




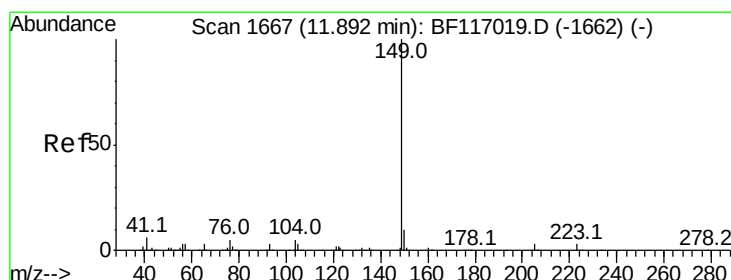
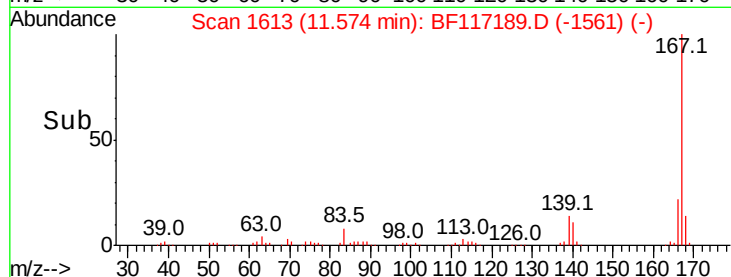
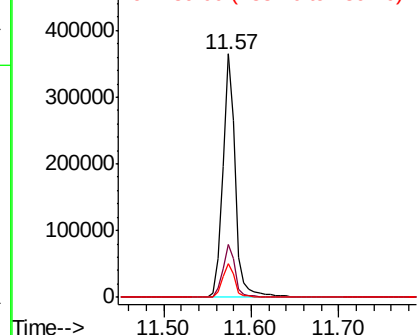
#73
 Carbazole
 Concen: 41.649 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	14.0	10.6	16.0

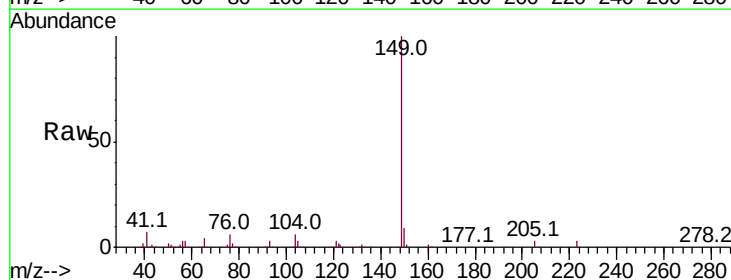


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

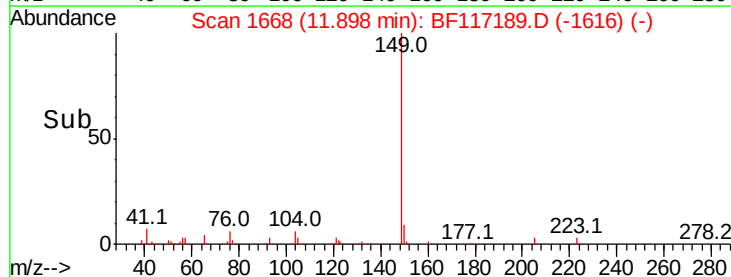
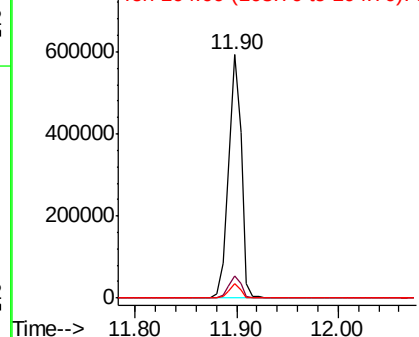


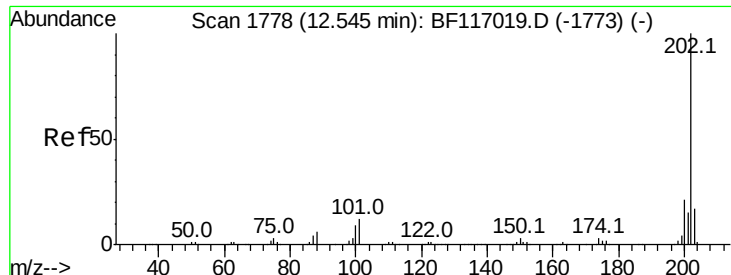
#74
 Di-n-butylphthalate
 Concen: 49.828 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.8	4.2	6.4



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

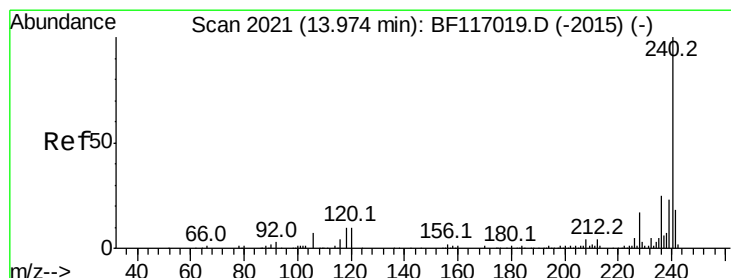
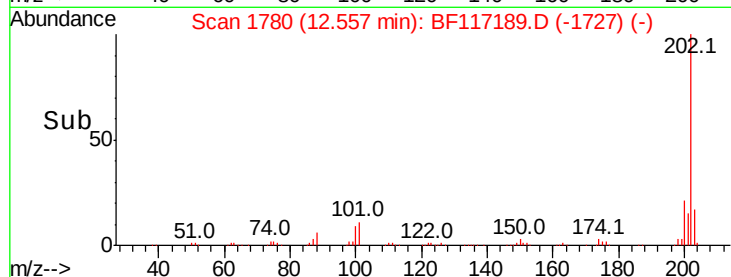
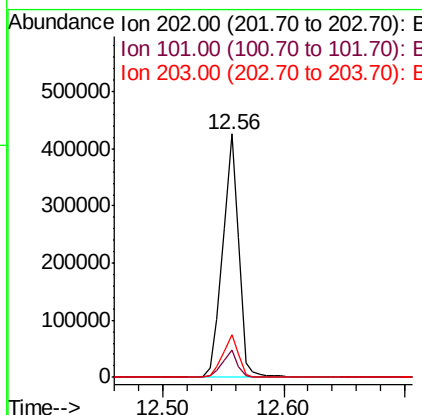
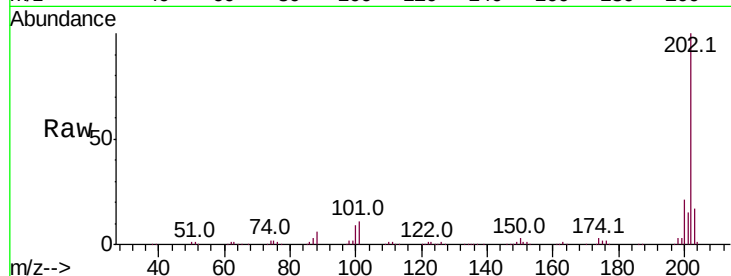




#75
 Fluoranthene
 Concen: 42.438 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

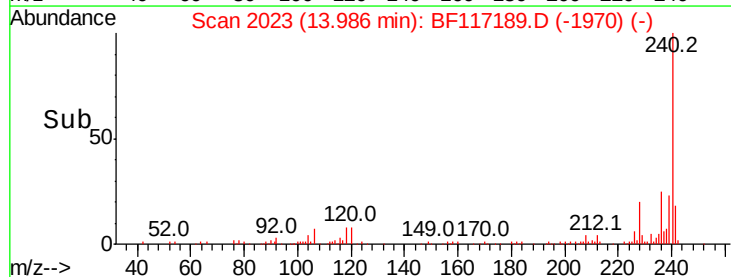
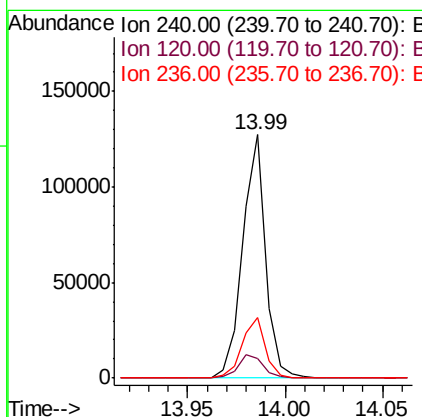
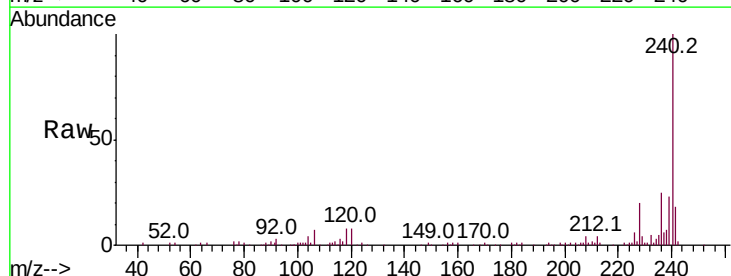
Instrument :
 BNA_F
 ClientSampleId :

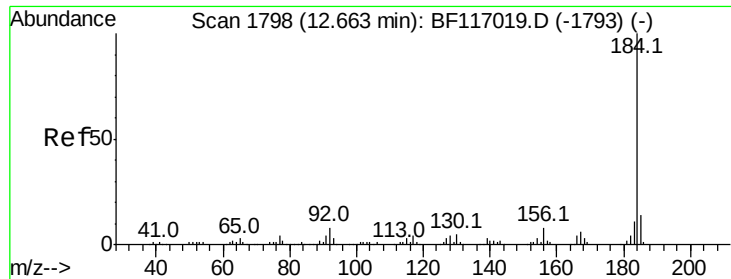
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.3
203	17.4	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117189.D
 Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.3	12.5#
236	24.7	20.3	30.5





#77

Benzidine

Concen: 62.044 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampled :

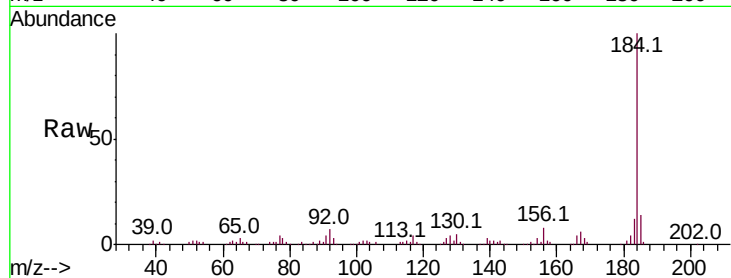
Tot Ion:184 Resp: 207170

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

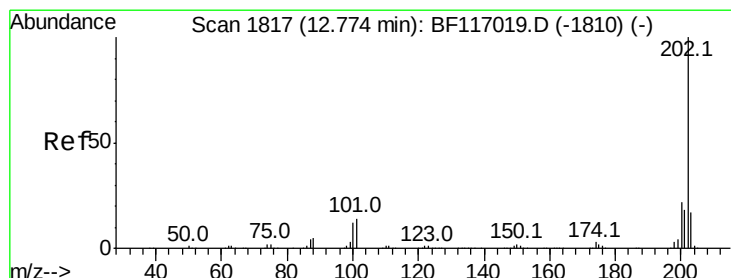
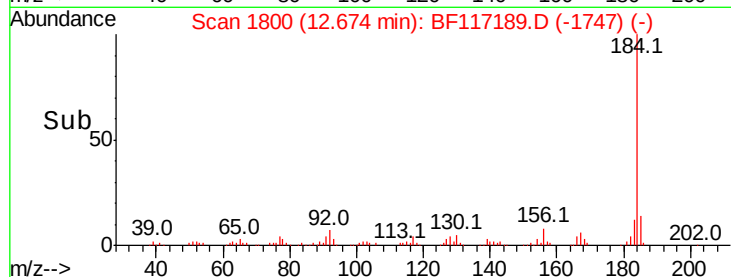
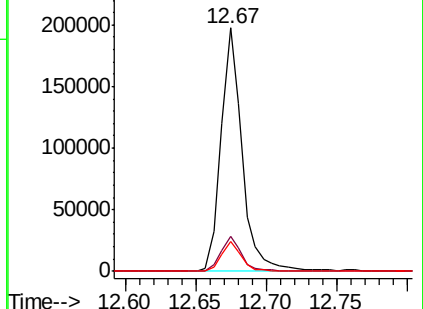
183 12.2 9.0 13.4



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: 44.573 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

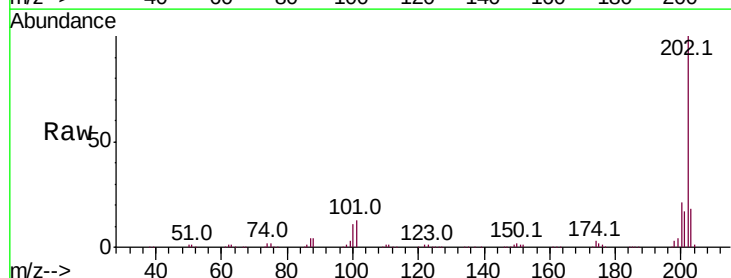
Tgt Ion:202 Resp: 387683

Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

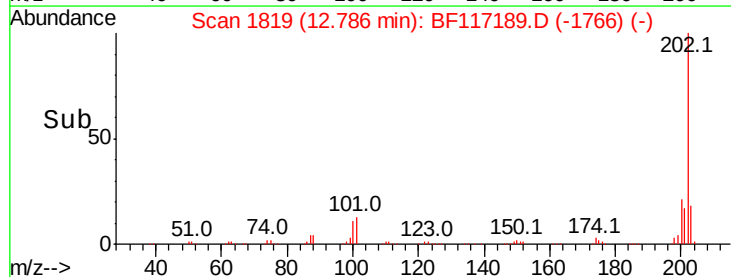
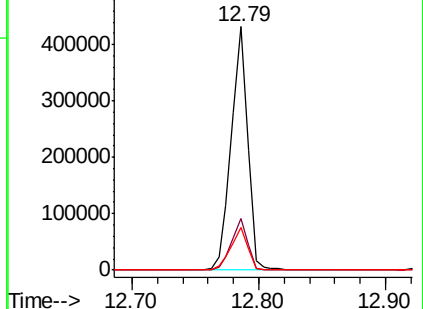
203 17.6 14.0 21.0

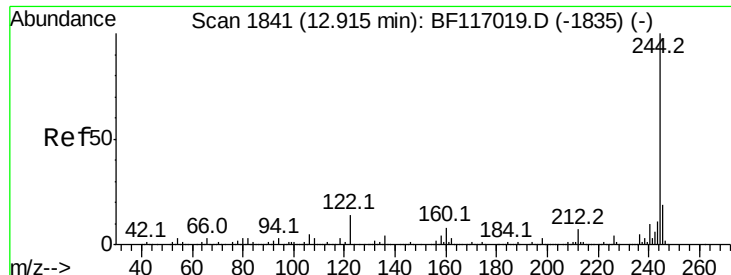


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 103.970 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampleId :

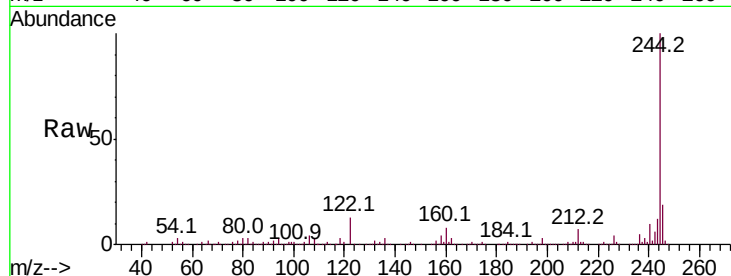
Tot Ion:244 Resp: 576565

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

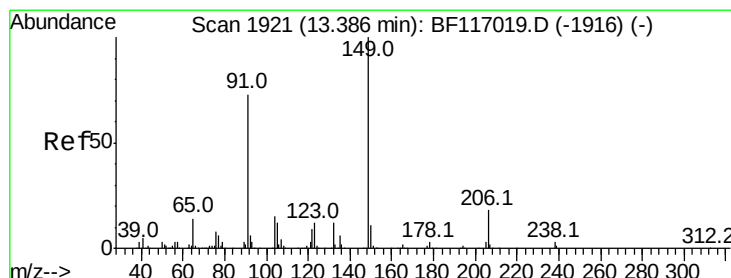
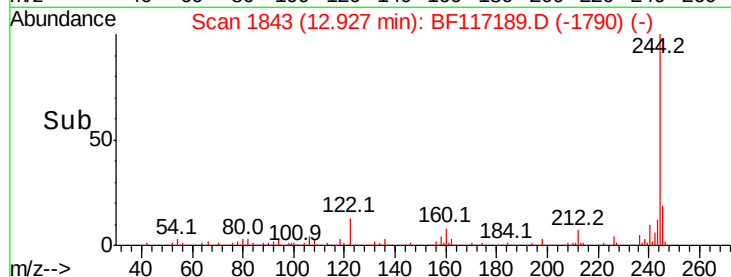
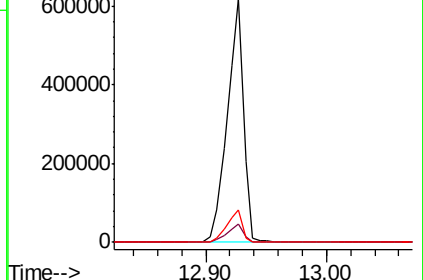
122 13.3 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.620 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

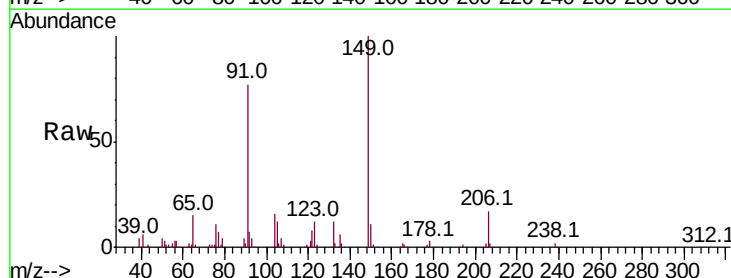
Tgt Ion:149 Resp: 199820

Ion Ratio Lower Upper

149 100

91 77.0 58.8 88.2

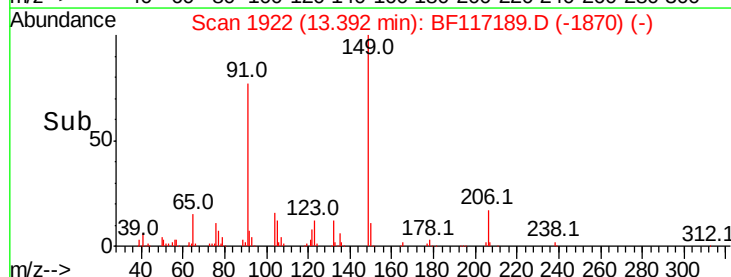
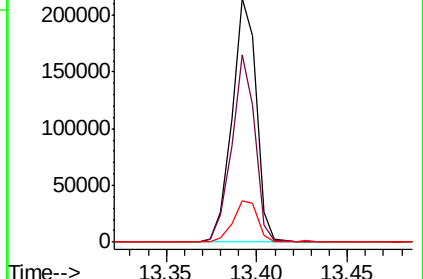
206 17.2 14.1 21.1

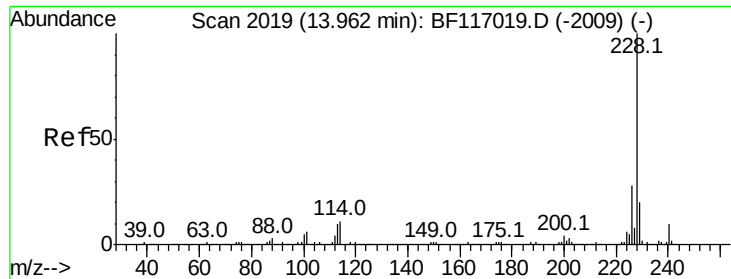


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.643 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampled :

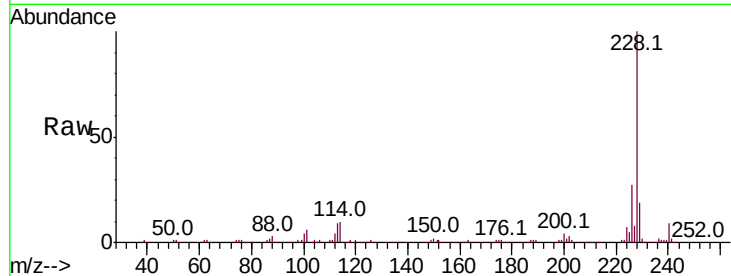
Tot Ion:228 Resp: 295326

Ion Ratio Lower Upper

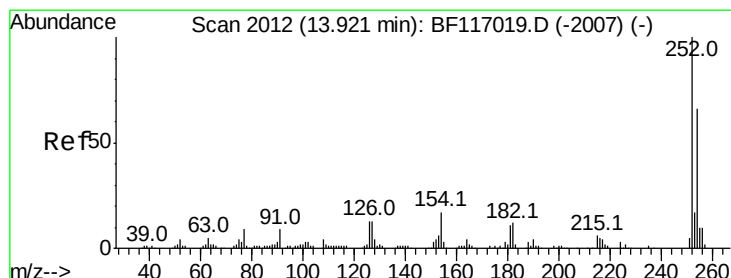
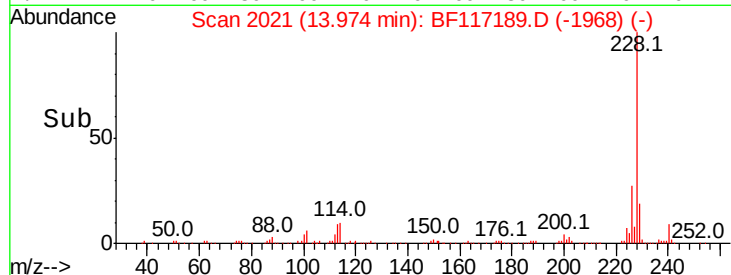
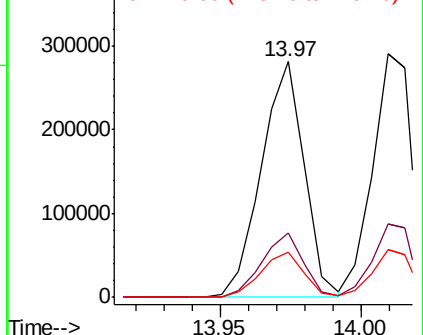
228 100

226 27.1 22.3 33.5

229 19.2 15.9 23.9



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: 24.115 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

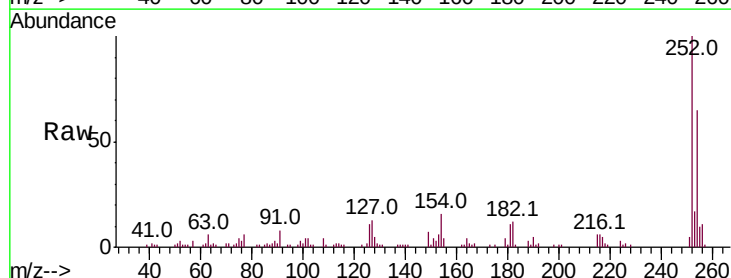
Tgt Ion:252 Resp: 53817

Ion Ratio Lower Upper

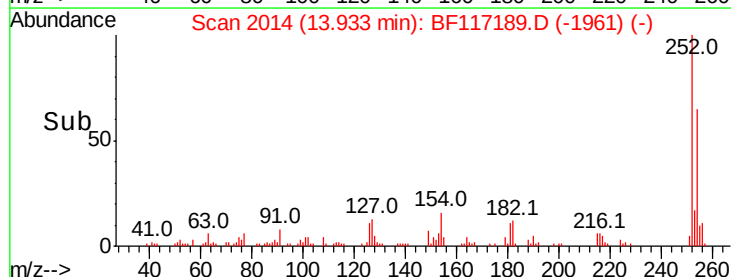
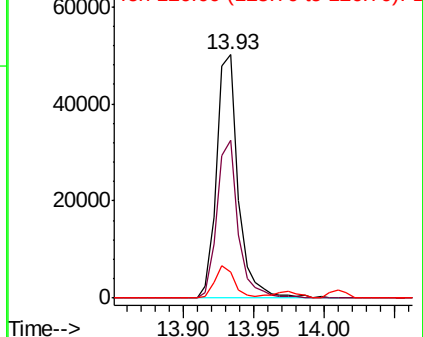
252 100

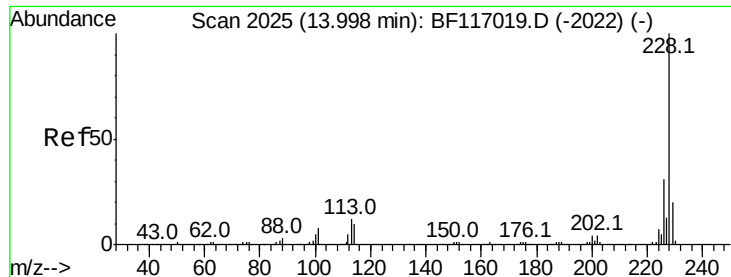
254 64.9 52.6 79.0

126 10.8 10.4 15.6



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





#83

Chrysene

Concen: 41.428 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

Instrument :

BNA_F

ClientSampleId :

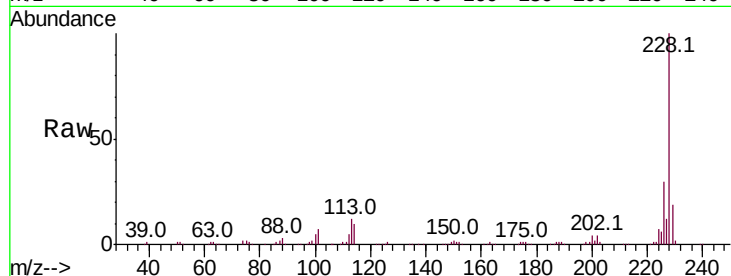
Tot Ion:228 Resp: 279832

Ion Ratio Lower Upper

228 100

226 30.1 24.8 37.2

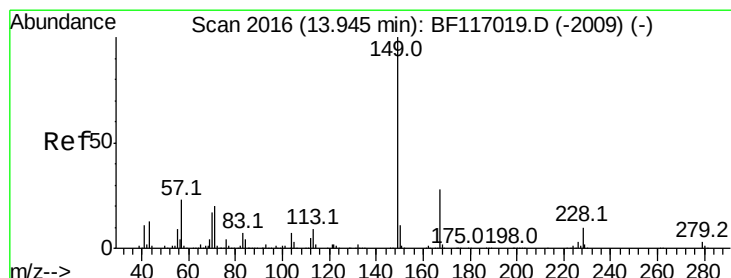
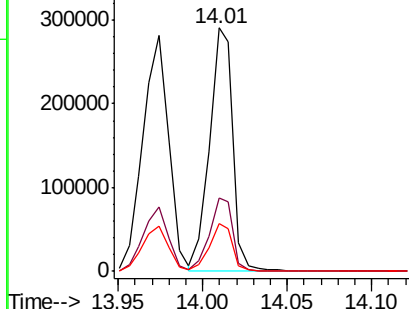
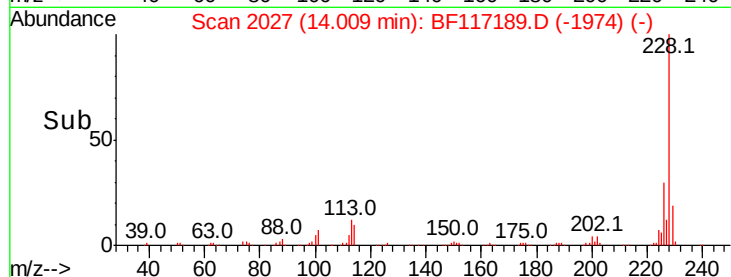
229 19.4 15.8 23.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.257 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF117189.D

Acq: 20 Sep 2019 16:57

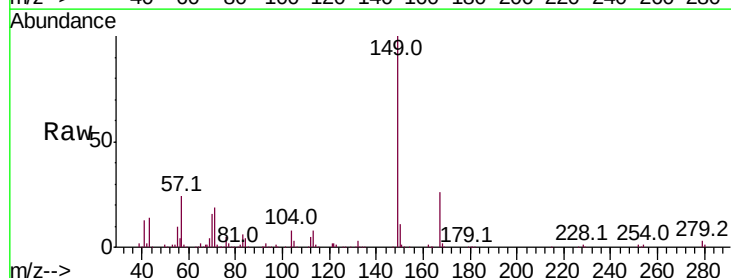
Tgt Ion:149 Resp: 298105

Ion Ratio Lower Upper

149 100

167 25.8 22.2 33.2

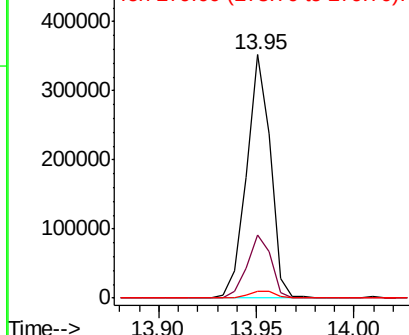
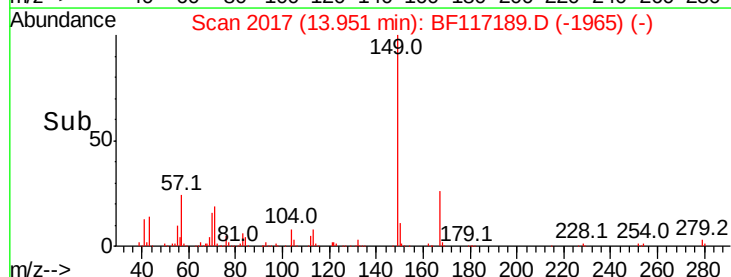
279 3.0 2.8 4.2

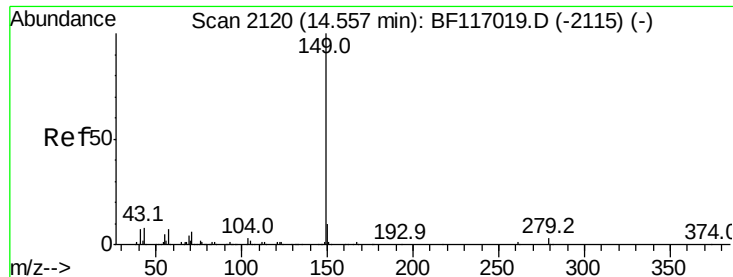


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

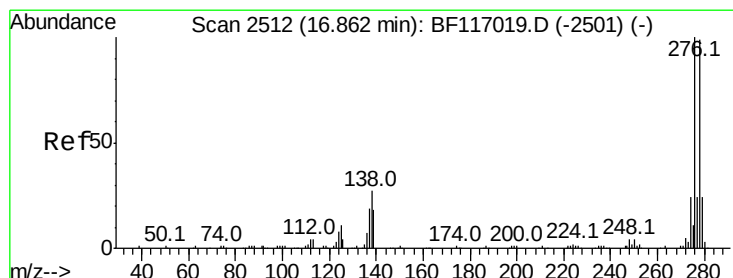
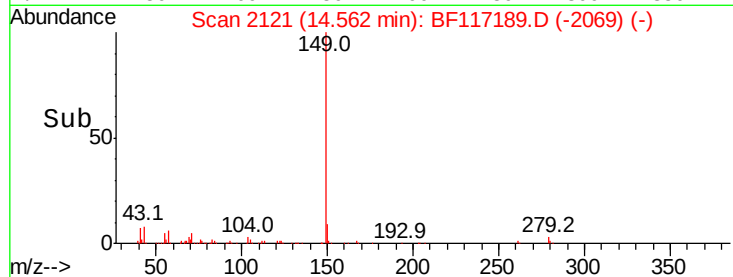
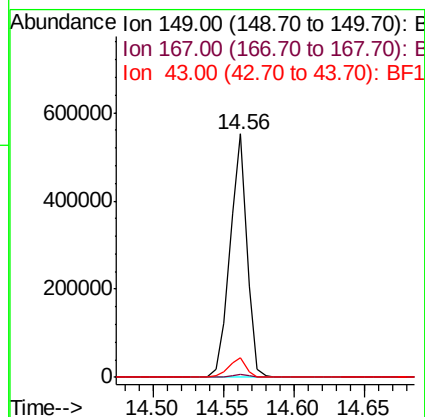
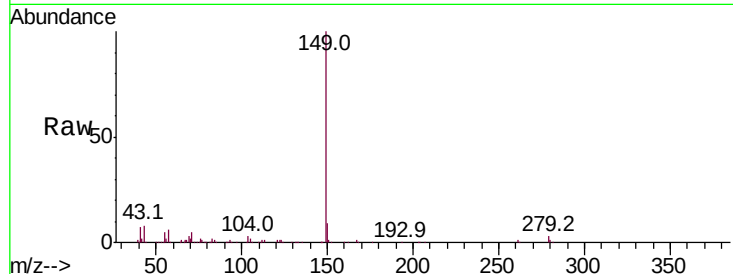




#85
Di-n-octyl phthalate
Concen: 54.894 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

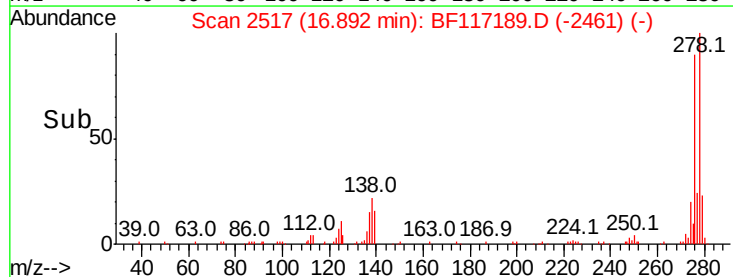
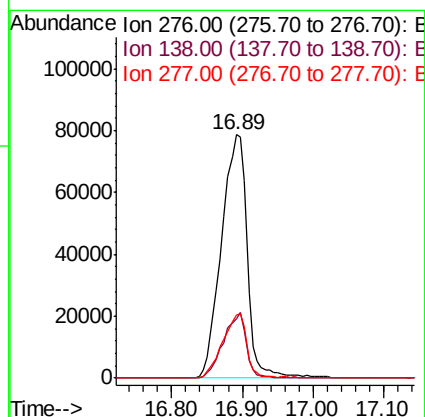
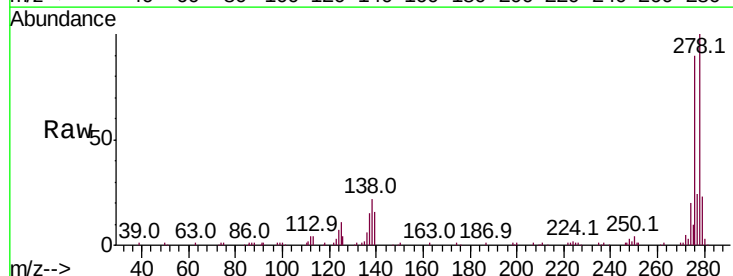
Instrument :
BNA_F
ClientSampleId :

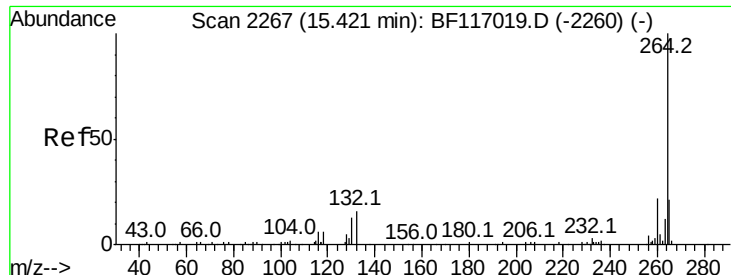
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.1	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.547 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.7	31.1
277	24.7	19.8	29.8

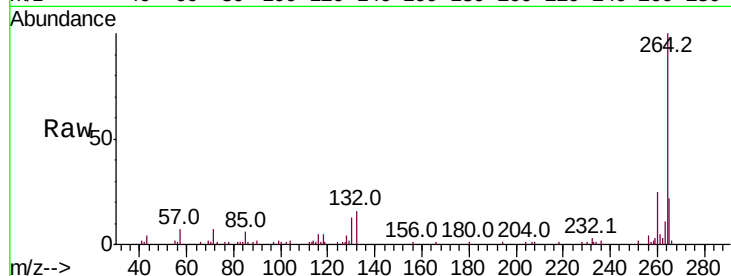




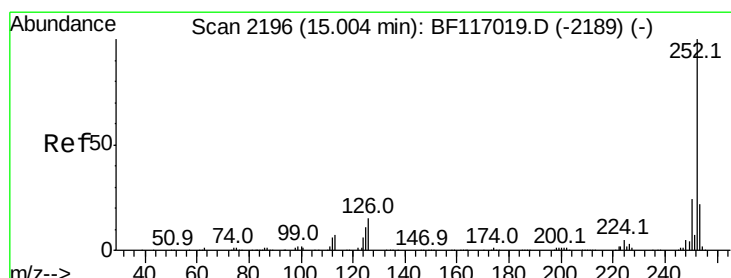
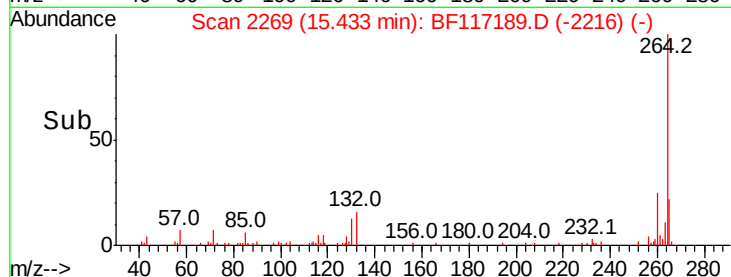
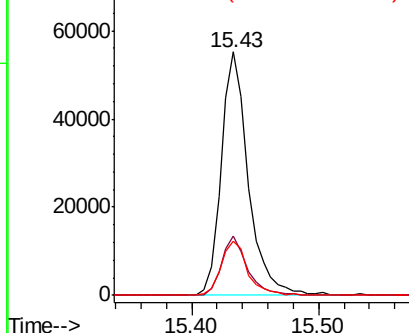
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.6	26.4
265	22.0	16.6	24.8

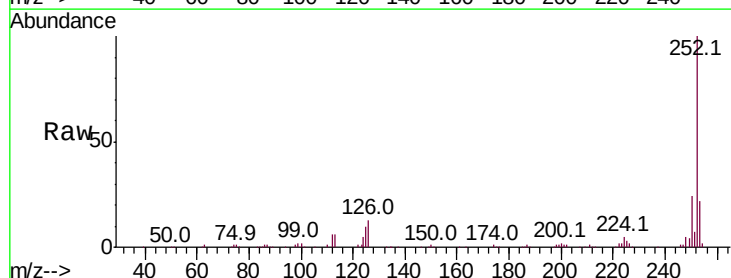


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

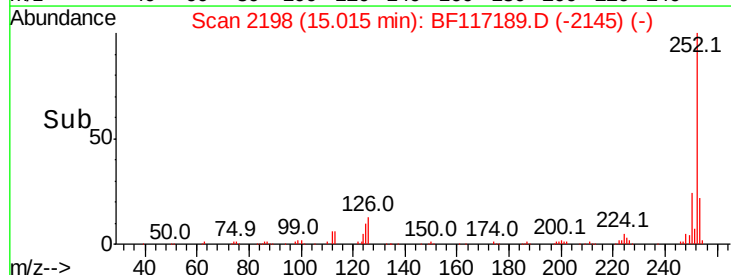
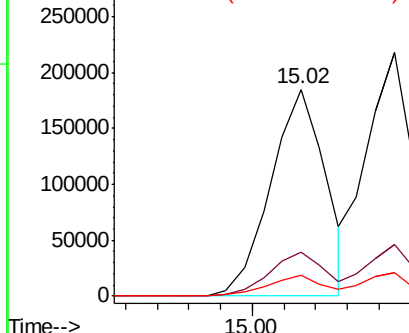


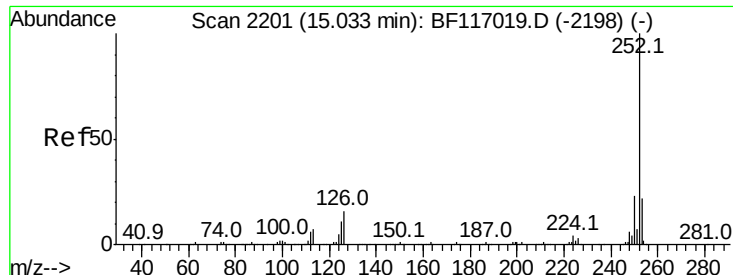
#88
Benzo(b)fluoranthene
Concen: 44.967 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.9	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

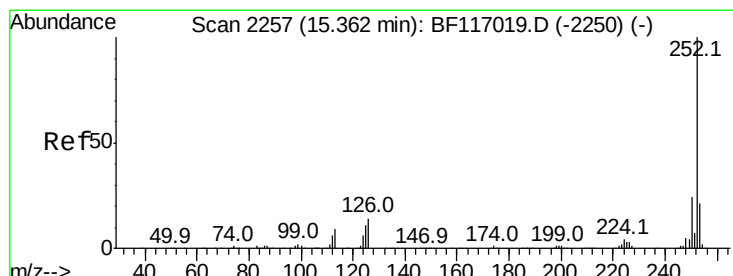
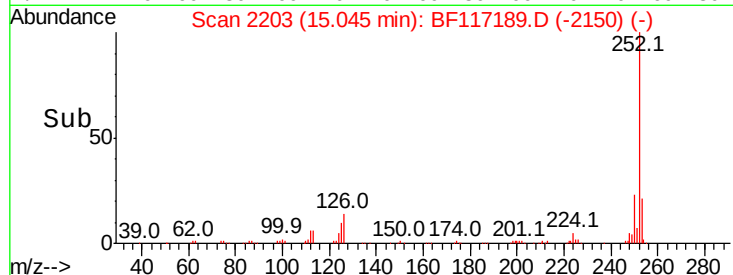
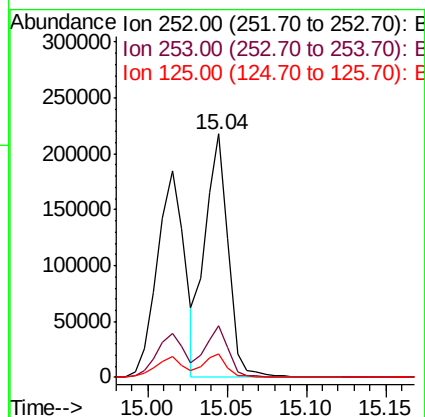
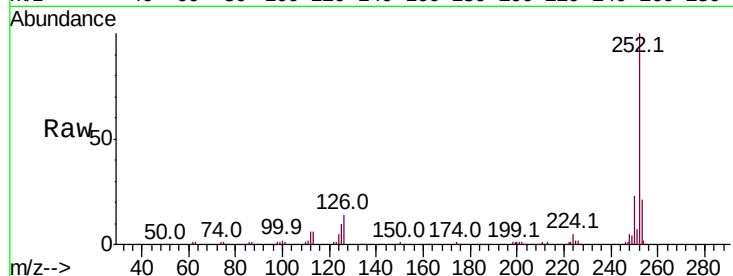




#89
Benzo(k)fluoranthene
Concen: 48.288 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

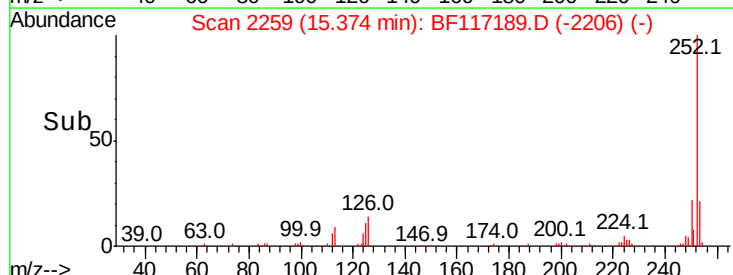
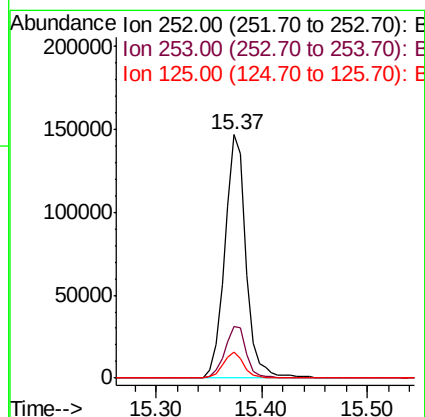
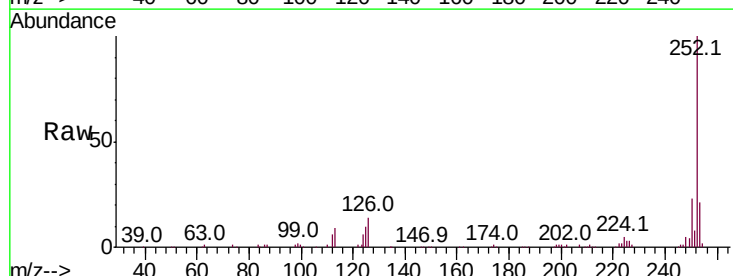
Instrument :
BNA_F
ClientSampleId :

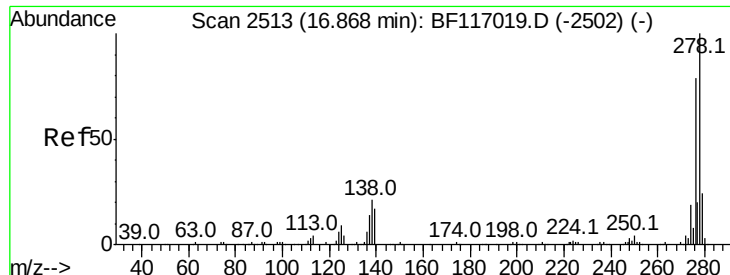
Tot Ion:252 Resp: 225449
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 9.5 8.8 13.2



#90
Benzo(a)pyrene
Concen: 47.359 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion:252 Resp: 204830
Ion Ratio Lower Upper
252 100
253 21.4 16.6 25.0
125 10.5 8.9 13.3

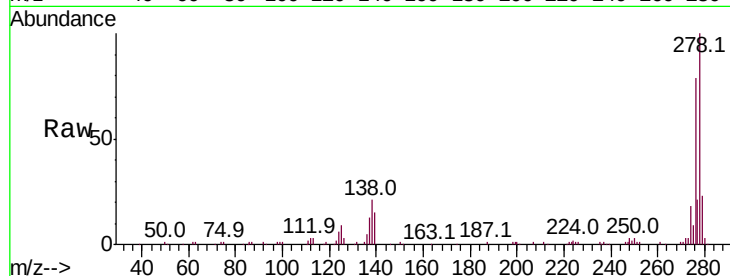




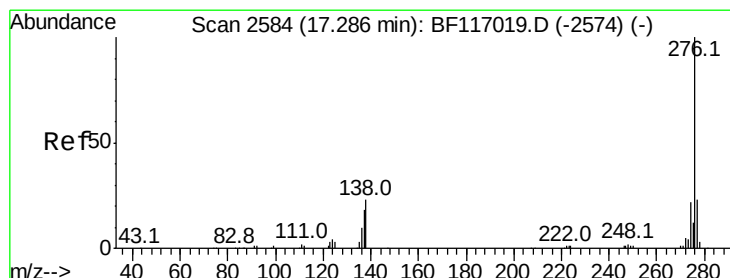
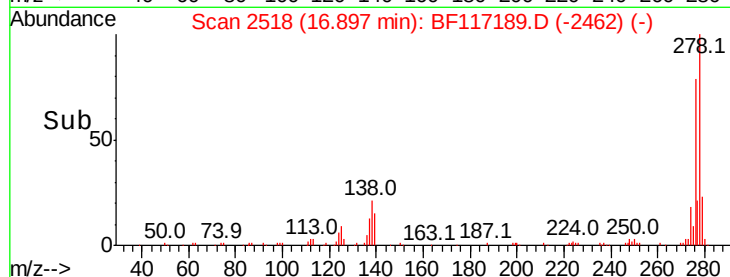
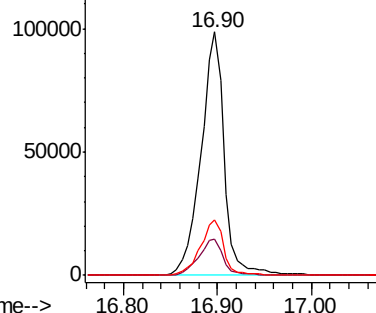
#91
Dibenzo(a,h)anthracene
Concen: 49.328 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.03 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.5	20.3
279	23.0	18.8	28.2

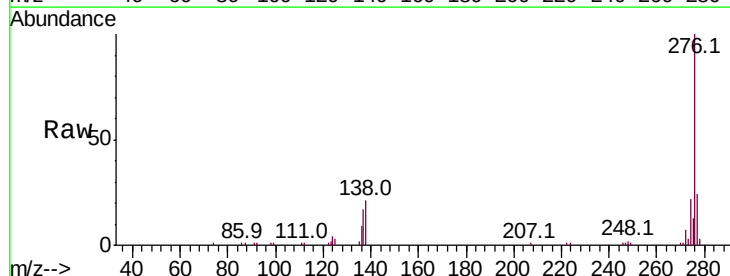


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.047 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117189.D
Acq: 20 Sep 2019 16:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	27.8
138	21.0	18.0	27.0



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

