

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117344.D
 Acq On : 8 Oct 2019 16:57
 Operator : JU
 Sample : K5238-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:30:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	44548	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	185156	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	98499	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	160433	20.00	ng	0.00
76) Chrysene-d12	13.97	240	125687	20.00	ng	0.00
87) Perylene-d12	15.42	264	115783	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	261432	91.62	ng	0.00
7) Phenol-d6	6.45	99	372463	101.01	ng	0.00
23) Nitrobenzene-d5	7.36	82	227782	64.64	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	76754	93.24	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	398502	63.26	ng	0.00
79) Terphenyl-d14	12.90	244	411625	61.22	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.55	88	38194	31.989	ng	96
3) Pyridine	3.31	79	79711	24.391	ng	97
4) n-Nitrosodimethylamine	3.24	42	35067	31.268	ng	91
6) Aniline	6.46	93	105238	22.166	ng	# 33
8) 2-Chlorophenol	6.59	128	113857	36.988	ng	98
9) Benzaldehyde	6.35	77	65720	34.331	ng	99
10) Phenol	6.46	94	145584	35.812	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	106927	35.788	ng	98
12) 1,3-Dichlorobenzene	6.74	146	116568	33.747	ng	98
13) 1,4-Dichlorobenzene	6.82	146	119822	33.992	ng	97
14) 1,2-Dichlorobenzene	6.97	146	112695	34.338	ng	98
15) Benzyl Alcohol	6.95	79	101136	35.765	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	105224	35.647	ng	68
17) 2-Methylphenol	7.06	107	88047	34.129	ng	# 90
18) Hexachloroethane	7.31	117	45544	33.585	ng	# 91
19) n-Nitroso-di-n-propylamine	7.21	70	83559	37.212	ng	97
20) 3+4-Methylphenols	7.22	107	120431	37.477	ng	# 62
22) Acetophenone	7.21	105	163424	34.740	ng	94
24) Nitrobenzene	7.38	77	123910	35.606	ng	97
25) Isophorone	7.62	82	227682	36.491	ng	99
26) 2-Nitrophenol	7.70	139	57009	38.138	ng	96
27) 2,4-Dimethylphenol	7.75	122	101177	42.683	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	139418	36.267	ng	99
29) 2,4-Dichlorophenol	7.95	162	92413	37.207	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	90840	33.853	ng	99
31) Naphthalene	8.10	128	329797	37.036	ng	99
32) Benzoic acid	7.86	122	12303	12.523	ng	87
33) 4-Chloroaniline	8.16	127	49229	12.464	ng	98
34) Hexachlorobutadiene	8.22	225	50605	33.240	ng	98
35) Caprolactam	8.52	113	14325	17.039	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	108456	37.449	ng	99
37) 2-Methylnaphthalene	8.80	142	225213	37.558	ng	97
38) 1-Methylnaphthalene	8.89	142	206617	36.790	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	86586	34.042	ng	99

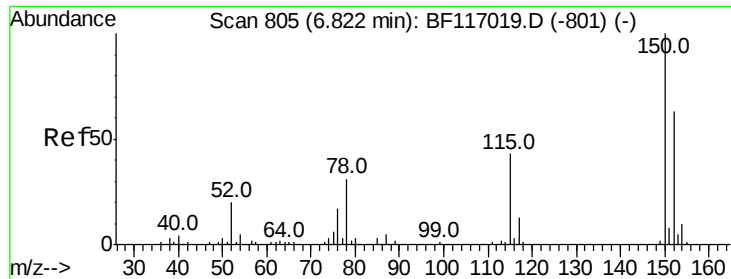
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117344.D
 Acq On : 8 Oct 2019 16:57
 Operator : JU
 Sample : K5238-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:30:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	51496	49.157	ng	98
43) 2,4,6-Trichlorophenol	9.08	196	57693	33.424	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	62616	33.953	ng	95
46) 1,1'-Biphenyl	9.26	154	266549	34.499	ng	99
47) 2-Chloronaphthalene	9.29	162	209629	34.379	ng	98
48) 2-Nitroaniline	9.39	65	65068	33.269	ng	98
49) Acenaphthylene	9.70	152	327324	35.833	ng	100
50) Dimethylphthalate	9.56	163	292887	41.996	ng	99
51) 2,6-Dinitrotoluene	9.63	165	53824	37.893	ng	97
52) Acenaphthene	9.87	154	189649	35.024	ng	99
53) 3-Nitroaniline	9.80	138	34549	19.278	ng	94
54) 2,4-Dinitrophenol	9.92	184	20100	38.183	ng	96
55) Dibenzofuran	10.04	168	293661	36.757	ng	96
56) 4-Nitrophenol	9.98	139	56830	48.928	ng	95
57) 2,4-Dinitrotoluene	10.04	165	69810	37.862	ng	# 88
58) Fluorene	10.39	166	243436	37.826	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	46186	32.727	ng	97
60) Diethylphthalate	10.26	149	249614	36.379	ng	97
61) 4-Chlorophenyl-phenylether	10.37	204	105143	37.761	ng	96
62) 4-Nitroaniline	10.42	138	63474	34.057	ng	95
63) Azobenzene	10.53	77	261503	37.316	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	22875	33.695	ng	92
66) n-Nitrosodiphenylamine	10.49	169	210449	37.982	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	59682	36.427	ng	97
68) Hexachlorobenzene	10.94	284	62160	34.687	ng	93
69) Atrazine	11.02	200	58165	41.259	ng	98
70) Pentachlorophenol	11.14	266	38010	45.250	ng	98
71) Phenanthrene	11.35	178	339675	37.276	ng	99
72) Anthracene	11.40	178	365919	39.333	ng	99
73) Carbazole	11.56	167	334058	37.829	ng	99
74) Di-n-butylphthalate	11.88	149	434803	41.384	ng	98
75) Fluoranthene	12.54	202	365730	39.061	ng	99
77) Benzidine	12.66	184	178247	44.026	ng	99
78) Pyrene	12.77	202	373706	35.436	ng	98
80) Butylbenzylphthalate	13.37	149	188314	37.790	ng	98
81) Benzo(a)anthracene	13.96	228	304818	36.299	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	44329	16.382	ng	97
83) Chrysene	14.00	228	299971	36.626	ng	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	277162	43.137	ng	99
85) Di-n-octyl phthalate	14.54	149	459752	45.463	ng	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	237149	39.689	ng	98
88) Benzo(b)fluoranthene	15.00	252	243009	34.649	ng	99
89) Benzo(k)fluoranthene	15.03	252	257452	38.752	ng	99
90) Benzo(a)pyrene	15.37	252	234418	38.090	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	203451	41.497	ng	98
92) Benzo(g,h,i)perylene	17.32	276	199351	40.804	ng	98

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

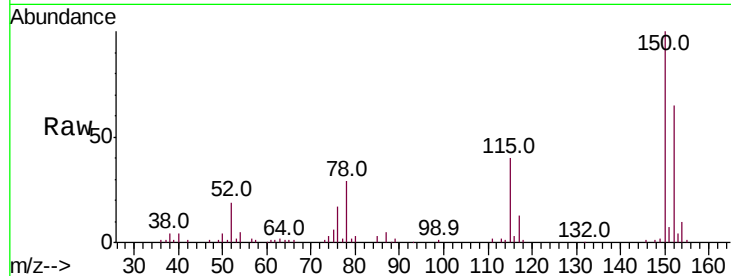


#1

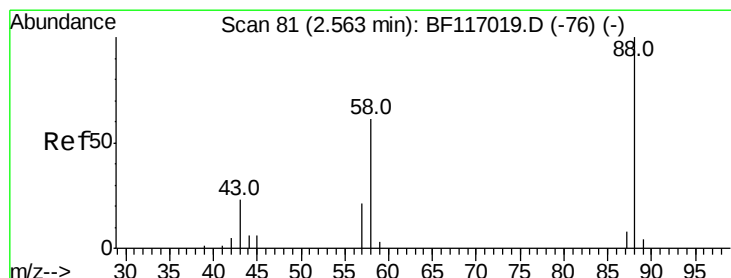
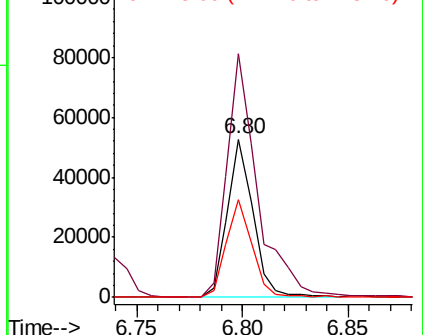
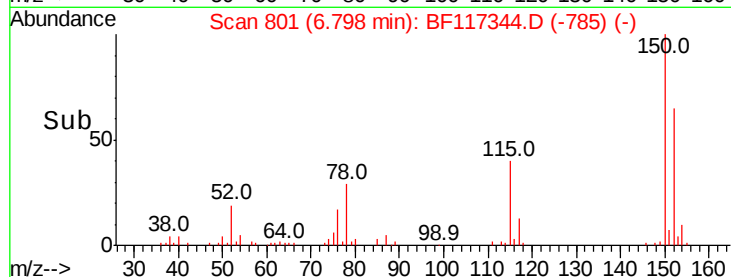
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44548
Ion Ratio Lower Upper
152 100
150 154.1 127.5 191.3
115 61.7 55.0 82.4



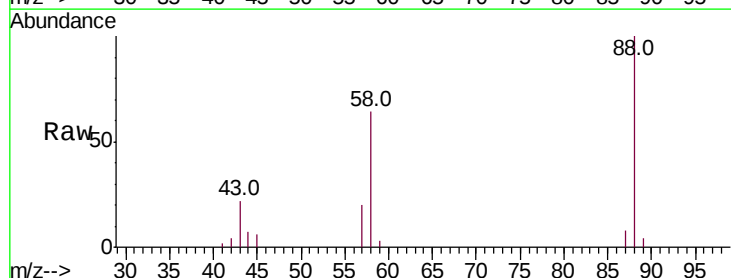
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



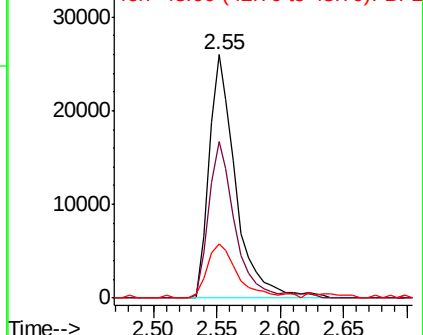
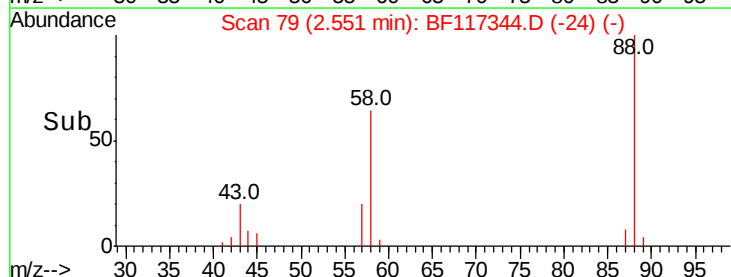
#2

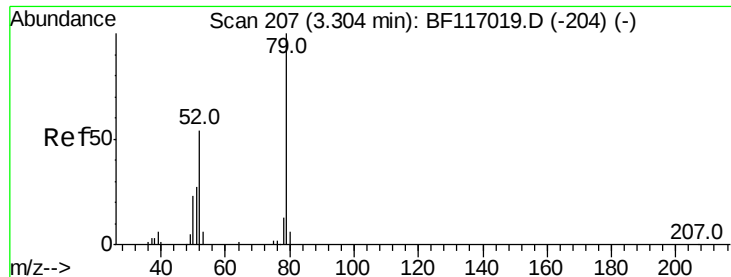
1,4-Dioxane
Concen: 31.989 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.02 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion: 88 Resp: 38194
Ion Ratio Lower Upper
88 100
58 64.5 49.3 73.9
43 25.9 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

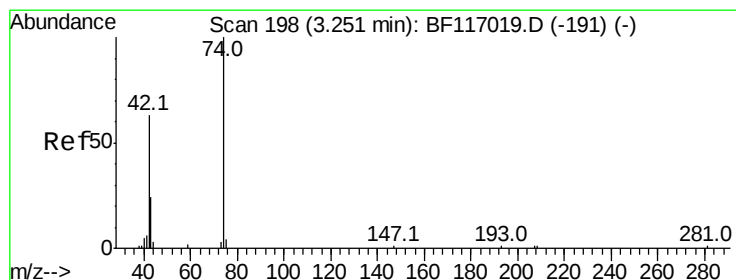
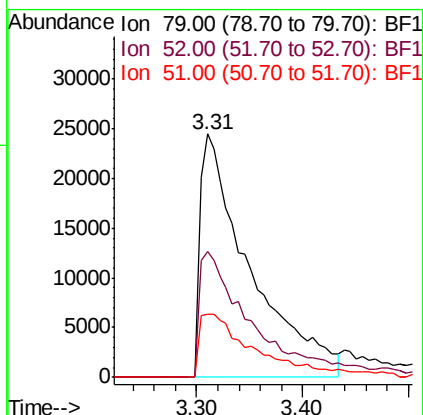
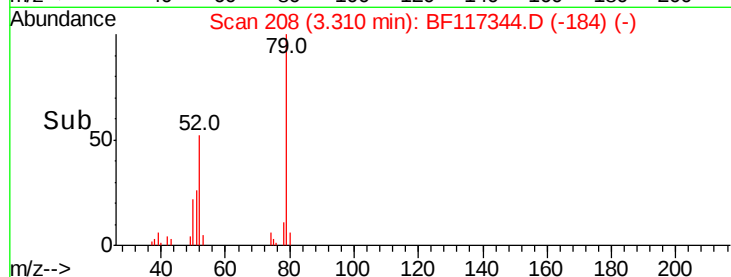
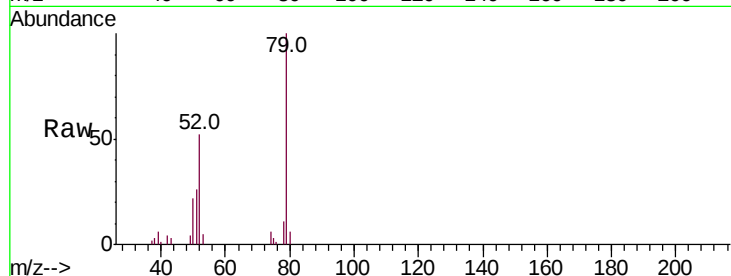




#3
 Pvridine
 Concen: 24.391 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.04 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

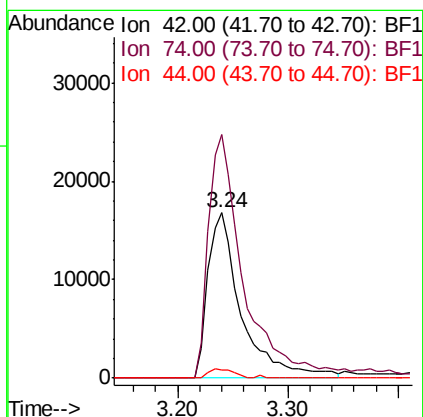
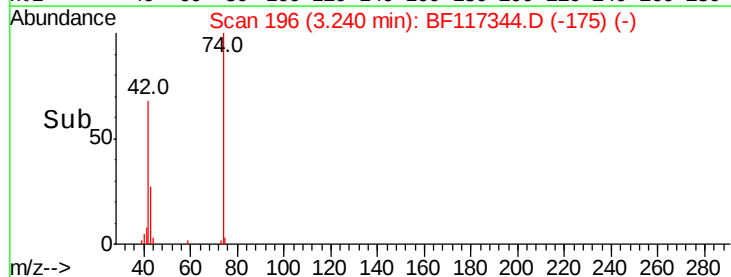
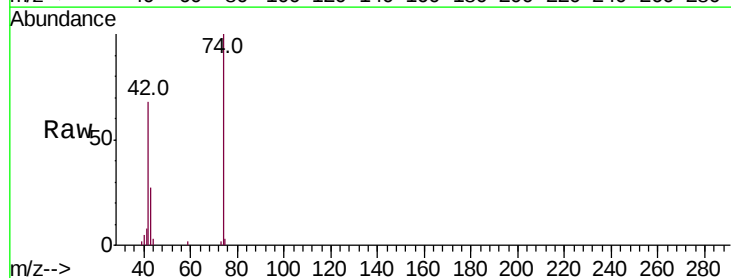
Instrument :
 BNA_F
 ClientSampleId :

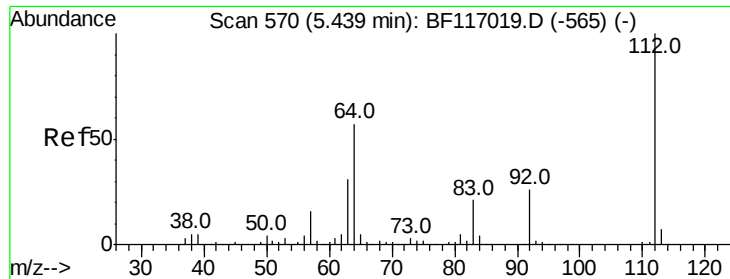
Tot Ion: 79 Resp: 79711
 Ion Ratio Lower Upper
 79 100
 52 51.9 43.5 65.3
 51 25.8 21.8 32.6



#4
 n-Nitrosodimethylamine
 Concen: 31.268 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.02 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Tgt Ion: 42 Resp: 35067
 Ion Ratio Lower Upper
 42 100
 74 147.3 127.1 190.7
 44 4.7 4.3 6.5





#5

2-Fluorophenol

Concen: 91.623 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampleId :

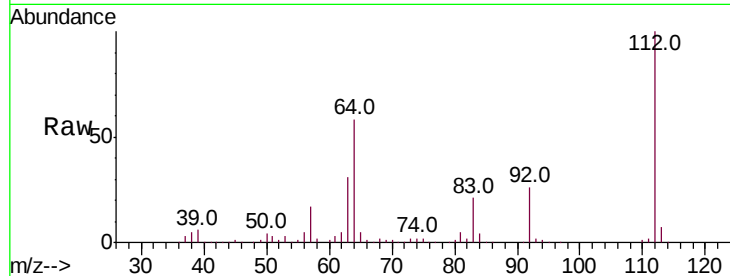
Tot Ion:112 Resp: 261432

Ion Ratio Lower Upper

112 100

64 58.4 45.7 68.5

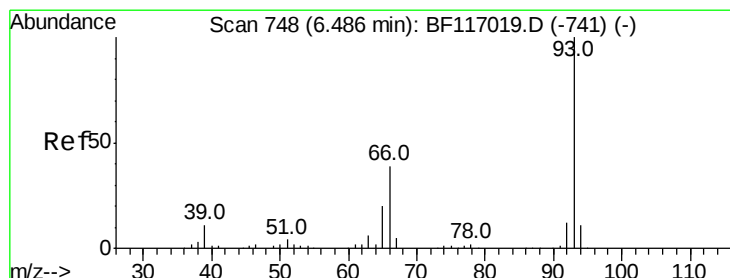
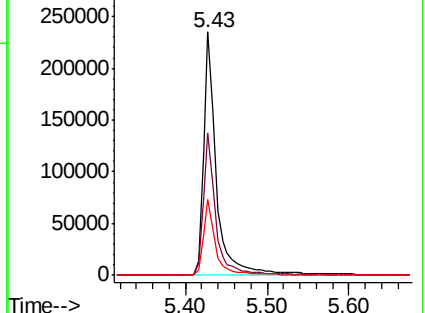
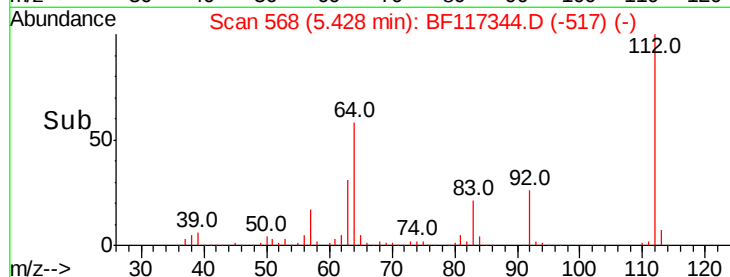
63 31.2 24.9 37.3



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: 22.166 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

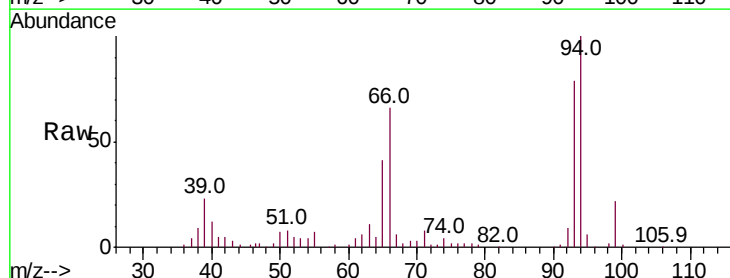
Tgt Ion: 93 Resp: 105238

Ion Ratio Lower Upper

93 100

66 82.6 32.6 49.0#

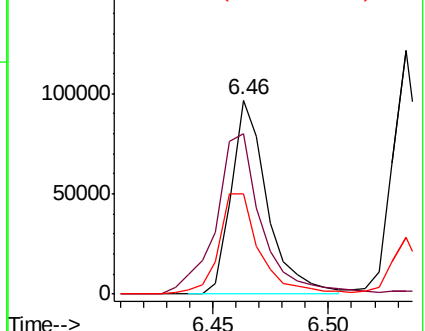
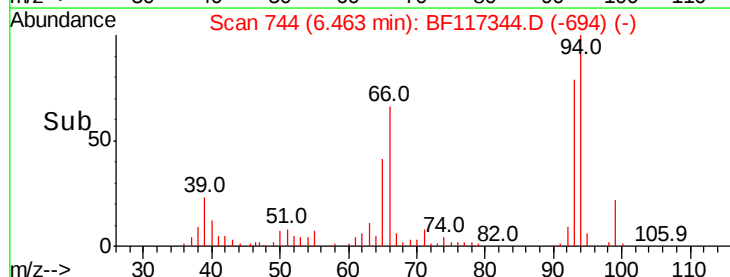
65 51.7 16.7 25.1#

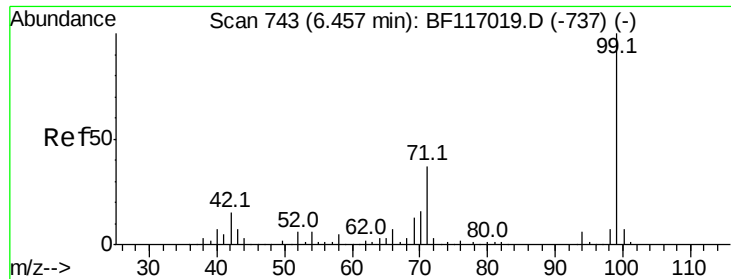


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.005 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampleId :

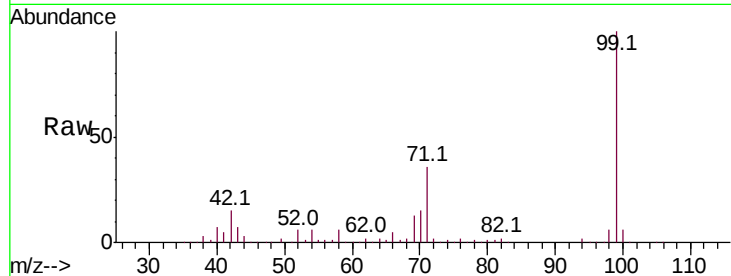
Tot Ion: 99 Resp: 372463

Ion Ratio Lower Upper

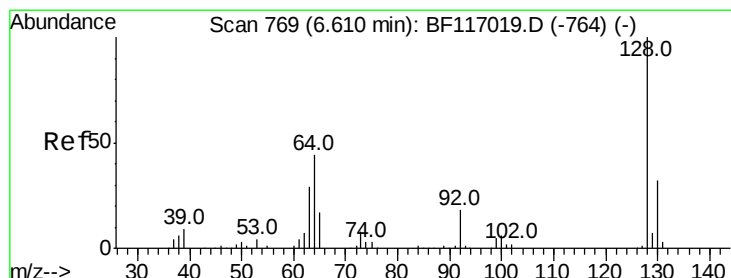
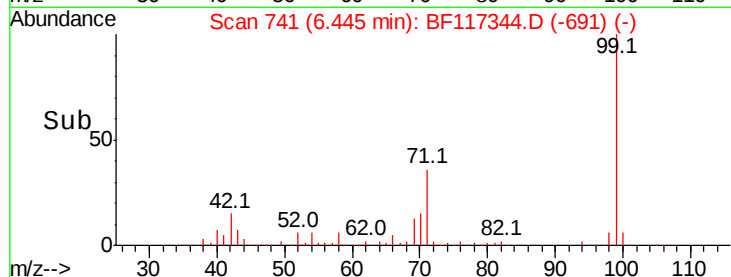
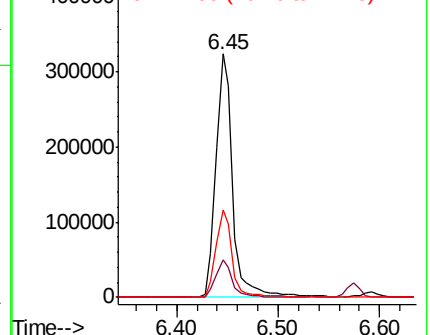
99 100

42 15.4 12.2 18.2

71 35.9 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: 36.988 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

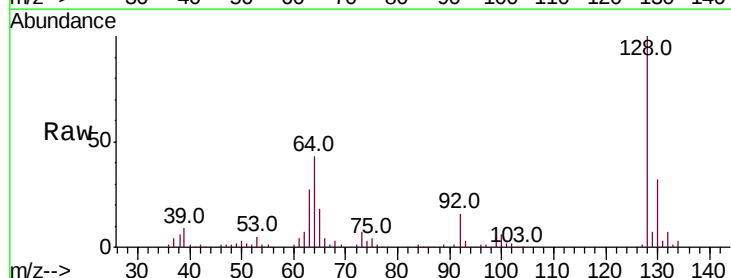
Tgt Ion:128 Resp: 113857

Ion Ratio Lower Upper

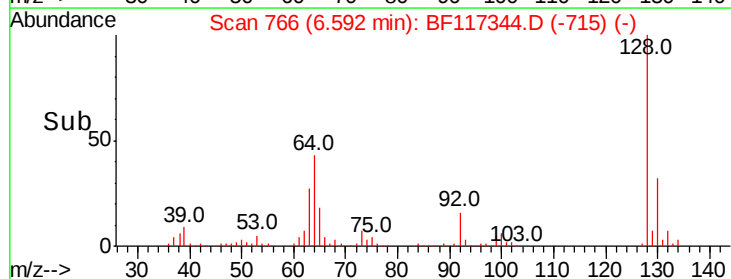
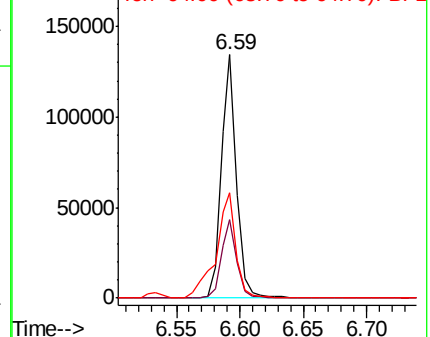
128 100

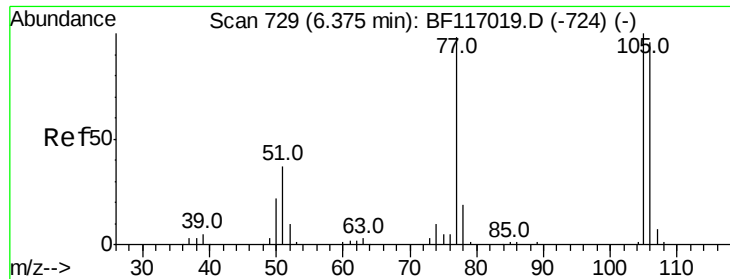
130 32.0 11.8 51.8

64 43.3 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

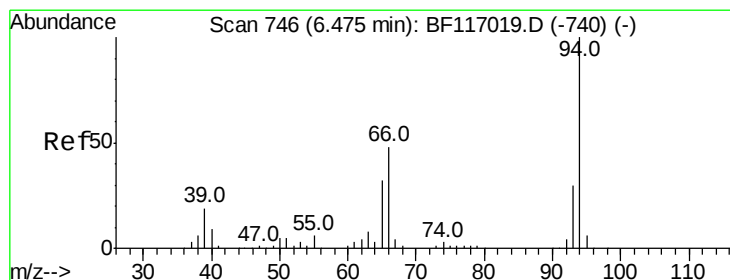
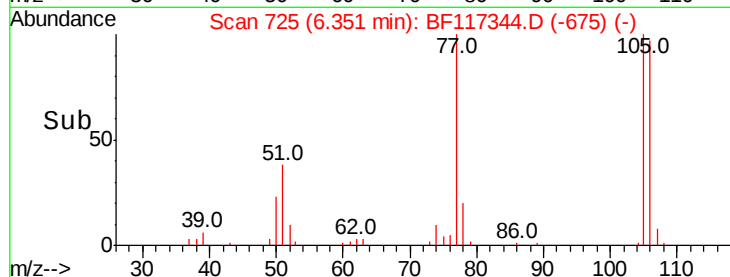
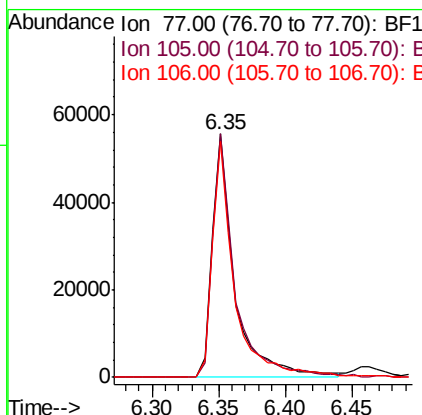
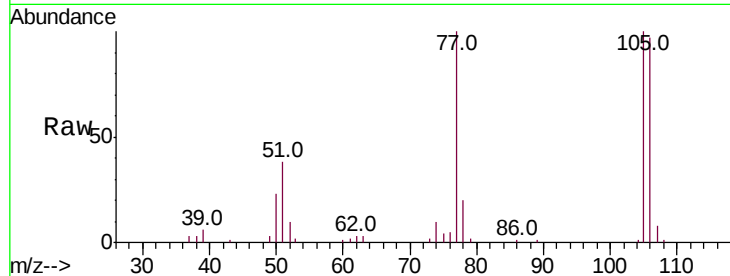




#9
Benzaldehyde
Concen: 34.331 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

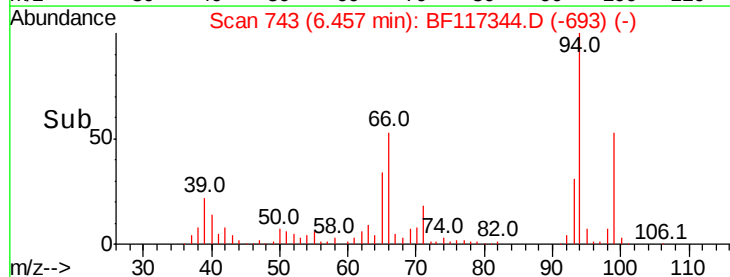
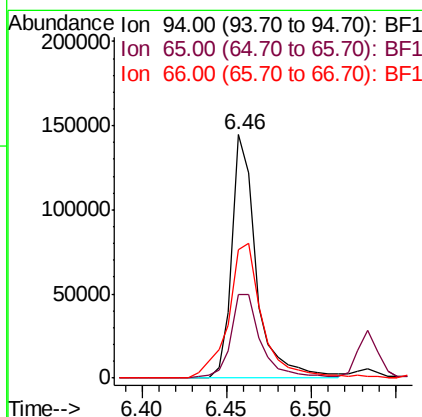
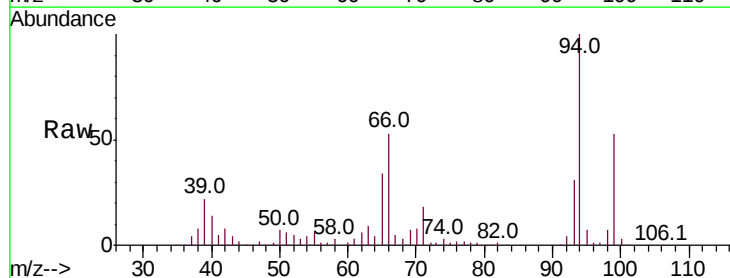
Instrument :
BNA_F
ClientSampleId :

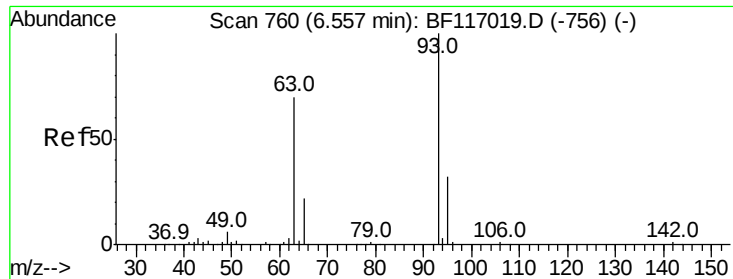
Tot Ion: 77 Resp: 65720
Ion Ratio Lower Upper
77 100
105 100.0 81.8 121.8
106 96.9 77.3 117.3



#10
Phenol
Concen: 35.812 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion: 94 Resp: 145584
Ion Ratio Lower Upper
94 100
65 34.5 12.5 52.5
66 52.8 28.9 68.9

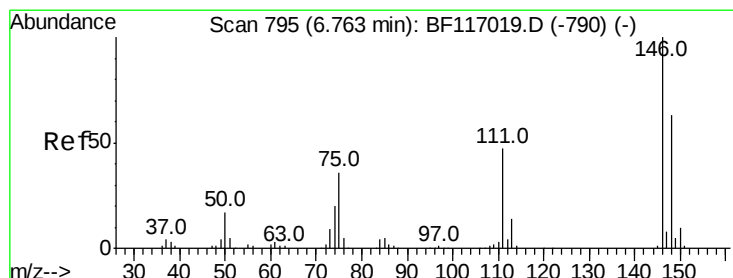
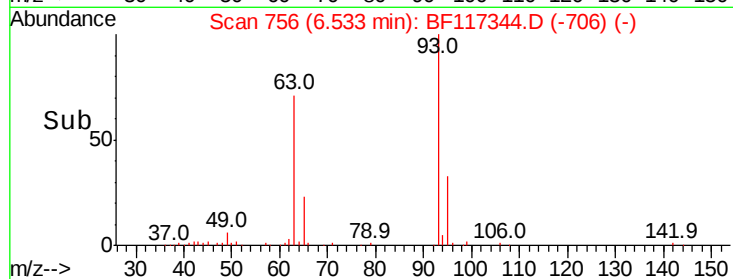
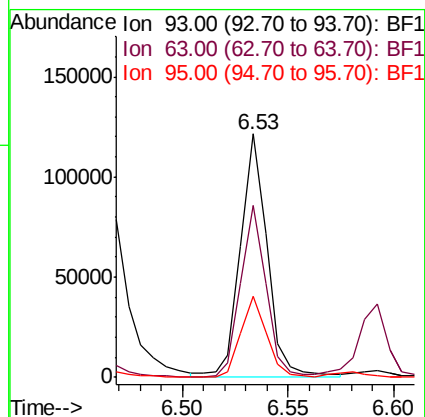
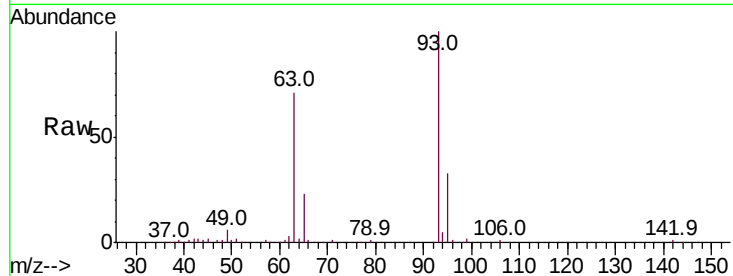




#11
bis(2-Chloroethyl)ether
Concen: 35.788 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

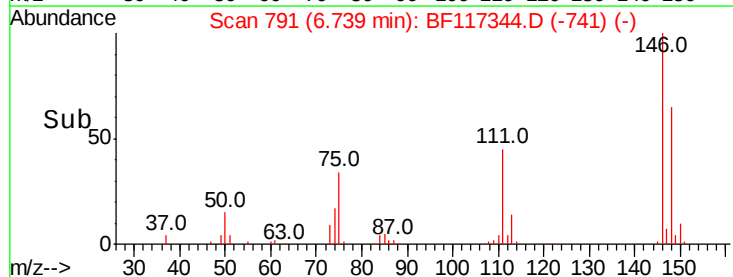
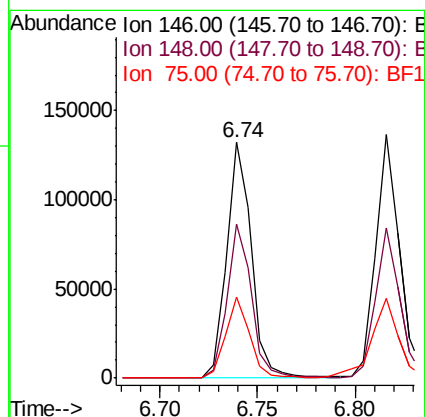
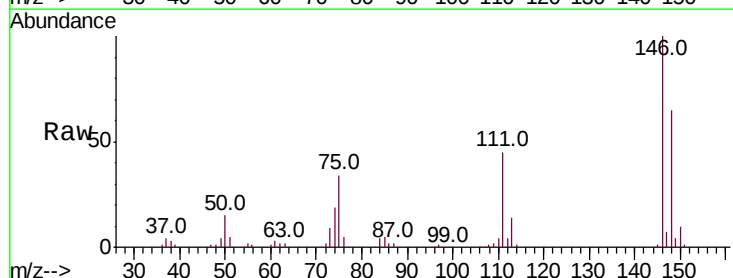
Instrument :
BNA_F
ClientSampleId :

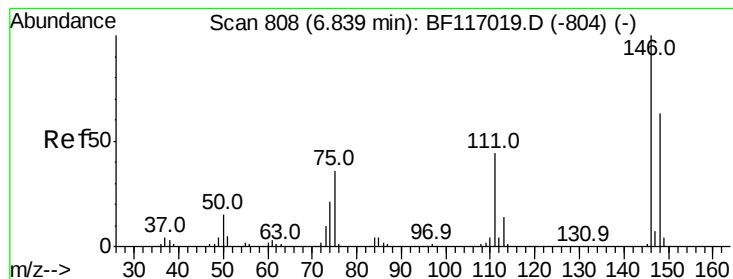
Tot Ion: 93 Resp: 106927
Ion Ratio Lower Upper
93 100
63 70.6 49.3 89.3
95 33.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 33.747 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion: 146 Resp: 116568
Ion Ratio Lower Upper
146 100
148 65.2 50.8 76.2
75 34.4 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 33.992 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampleId :

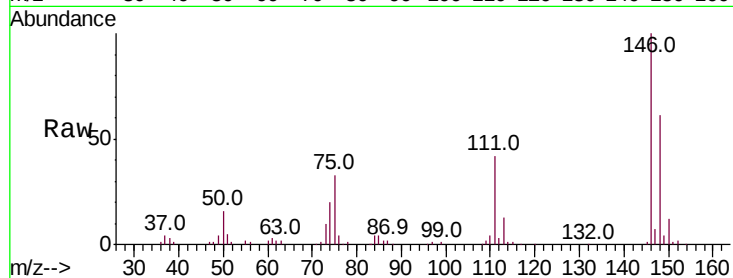
Tot Ion:146 Resp: 119822

Ion Ratio Lower Upper

146 100

148 61.4 50.6 76.0

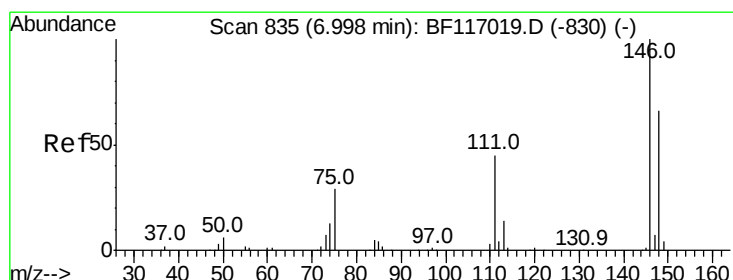
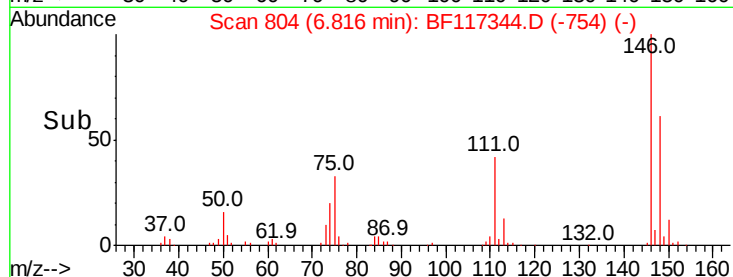
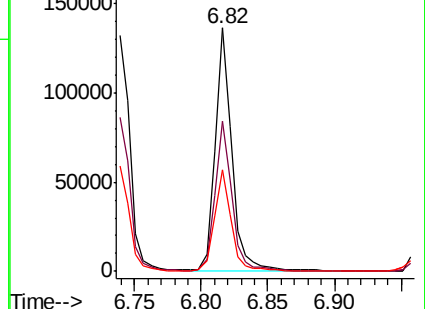
111 42.0 35.0 52.6



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: 34.338 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

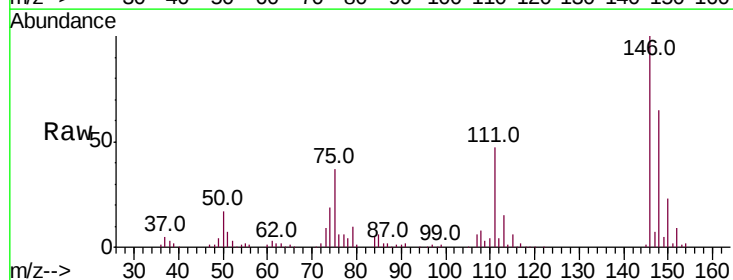
Tgt Ion:146 Resp: 112695

Ion Ratio Lower Upper

146 100

148 65.1 52.6 78.8

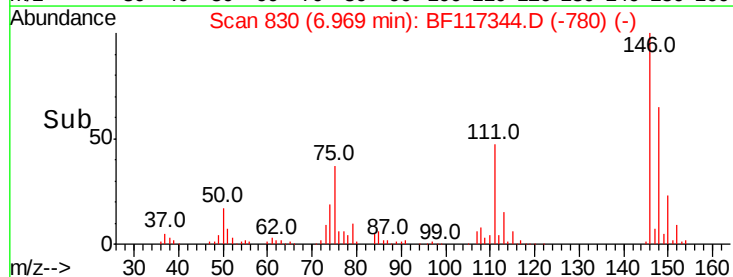
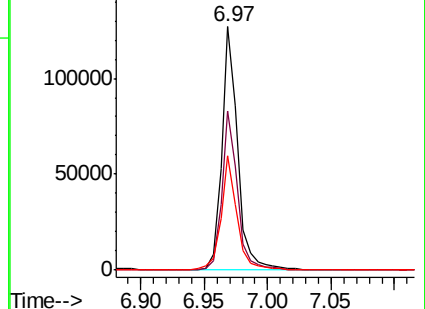
111 47.1 36.2 54.2

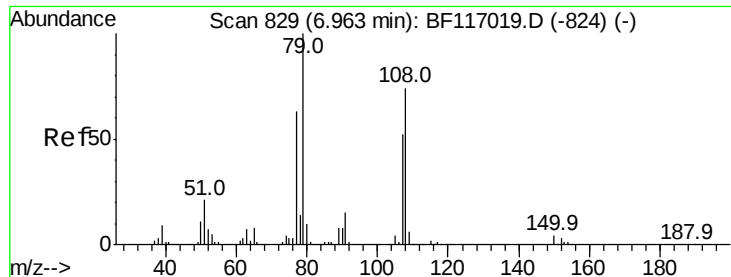


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.765 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampled :

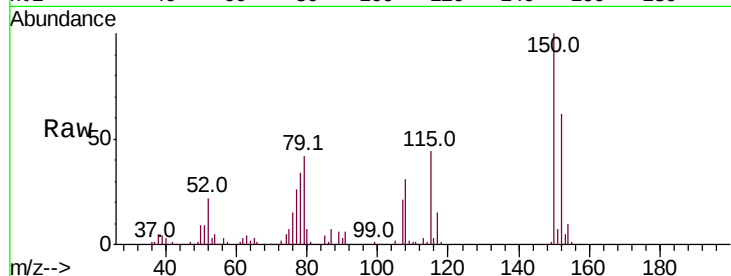
Tot Ion: 79 Resp: 101136

Ion Ratio Lower Upper

79 100

108 72.4 59.4 89.0

77 61.9 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

120000

100000

80000

60000

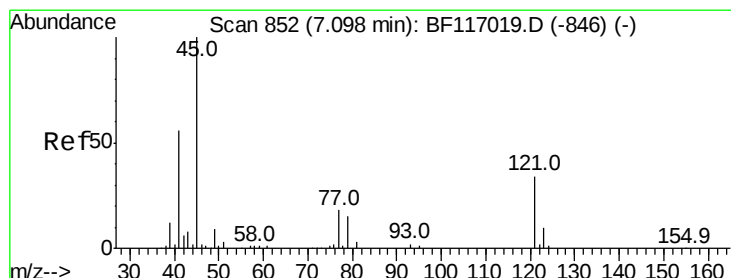
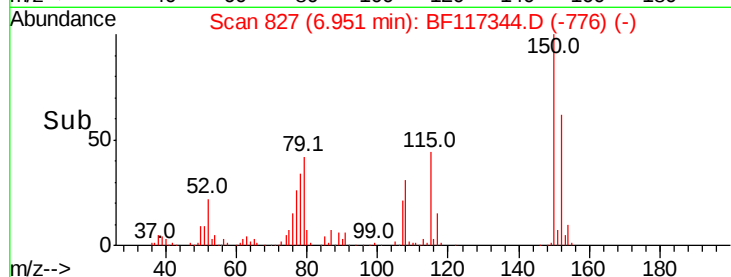
40000

20000

0

6.90 6.95 7.00 7.05

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.647 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

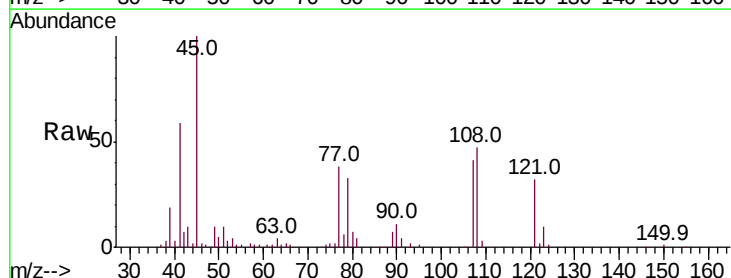
Tgt Ion: 45 Resp: 105224

Ion Ratio Lower Upper

45 100

77 38.1 2.7 42.7

79 33.5 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

100000

80000

60000

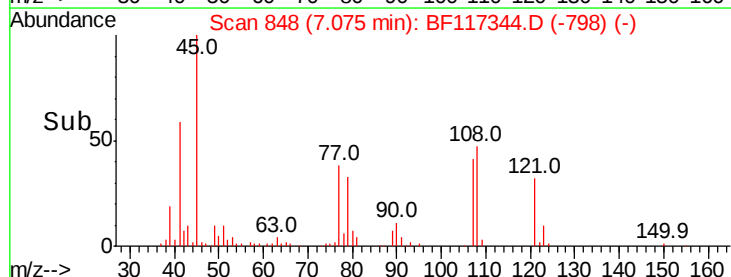
40000

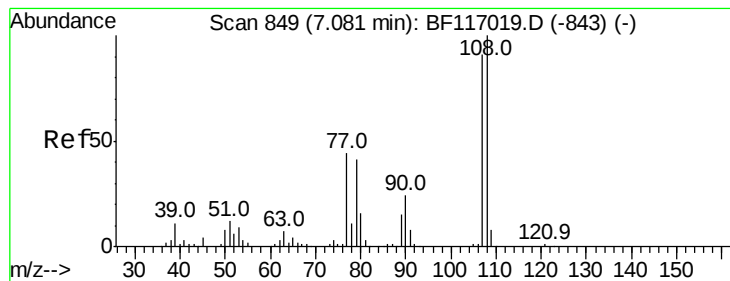
20000

0

7.00 7.05 7.10 7.15

Time-->





#17

2-Methylphenol

Concen: 34.129 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 88047

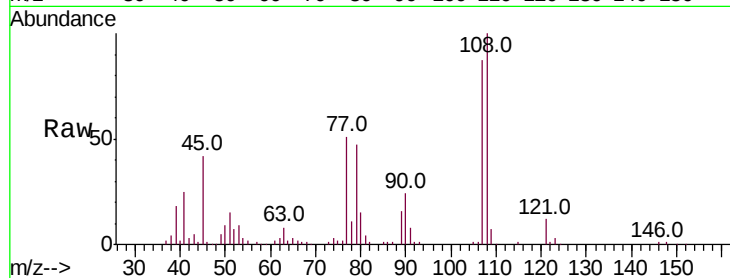
Ion Ratio Lower Upper

107 100

108 115.5 87.7 131.5

77 59.0 38.6 58.0#

79 54.8 36.8 55.2

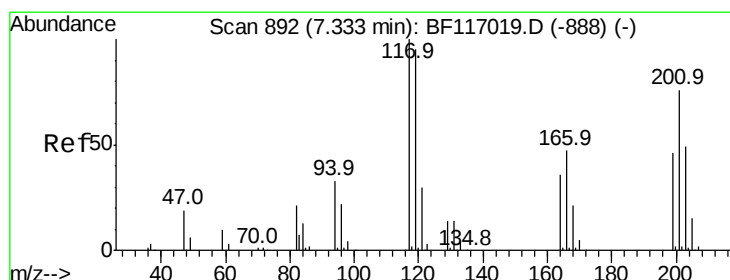
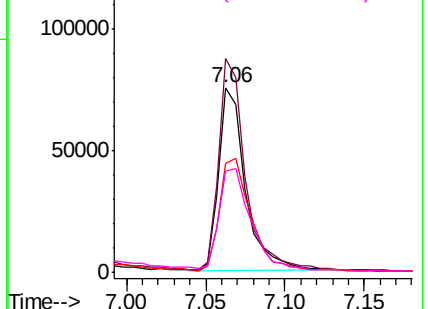
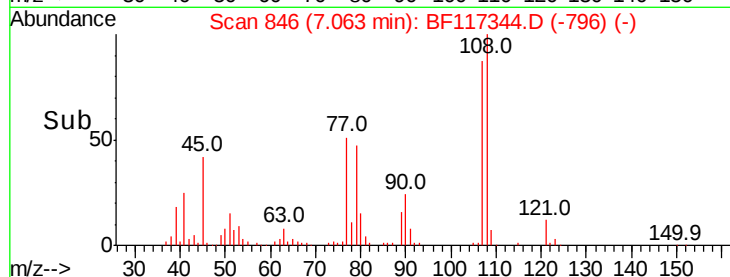


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.585 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

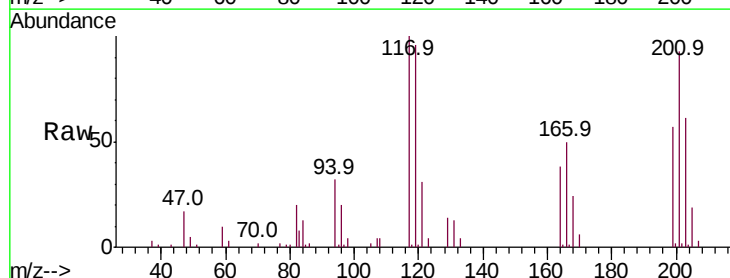
Tgt Ion:117 Resp: 45544

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

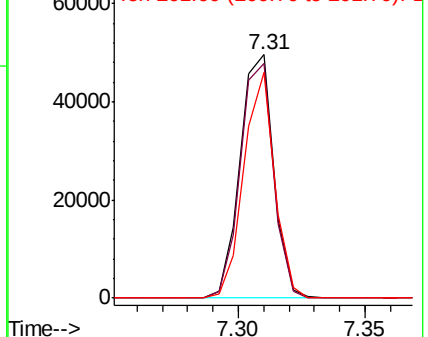
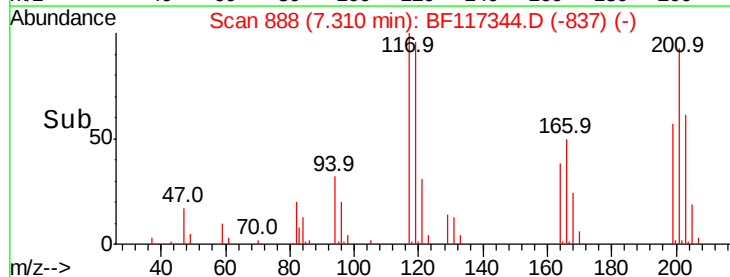
201 92.7 60.9 91.3#

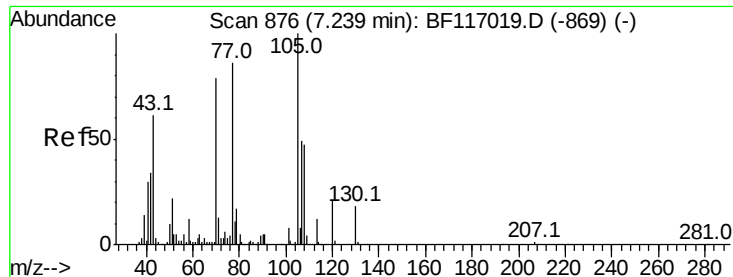


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

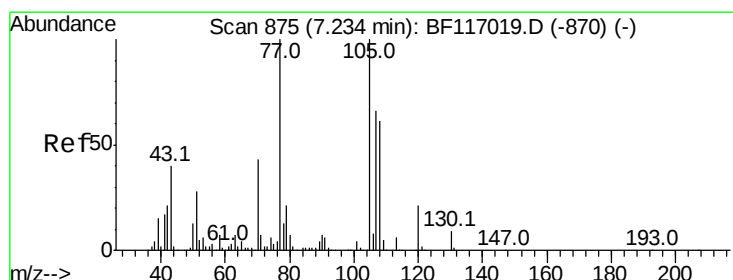
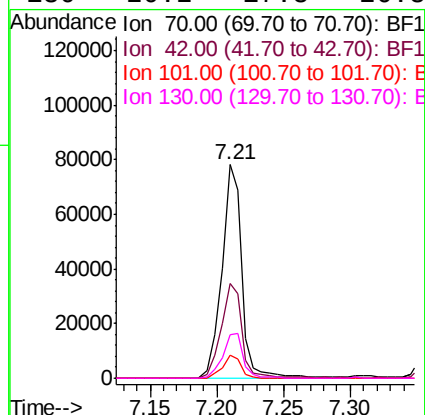
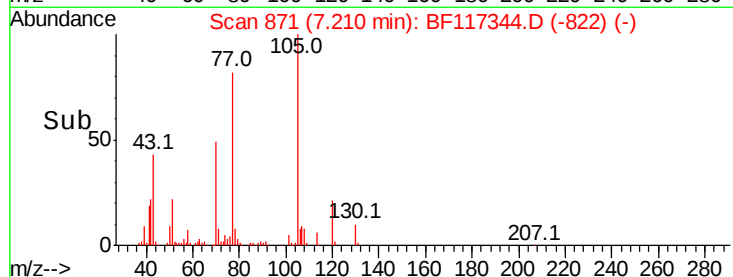
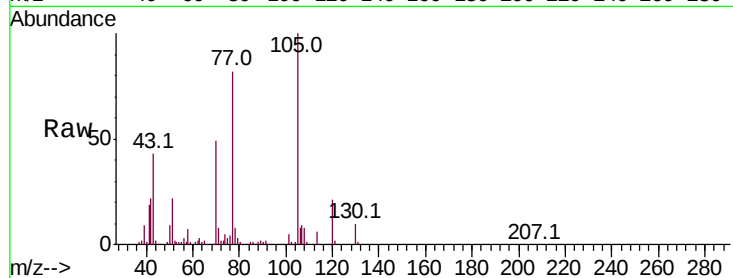




#19
n-Nitroso-di-n-propylamine
Concen: 37.212 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

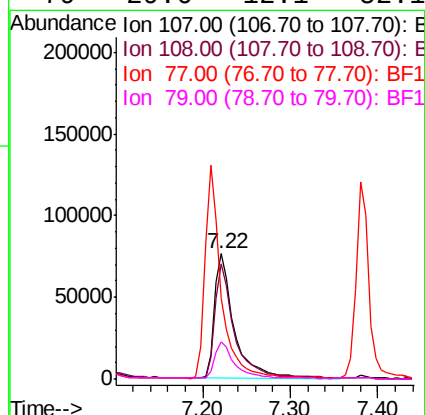
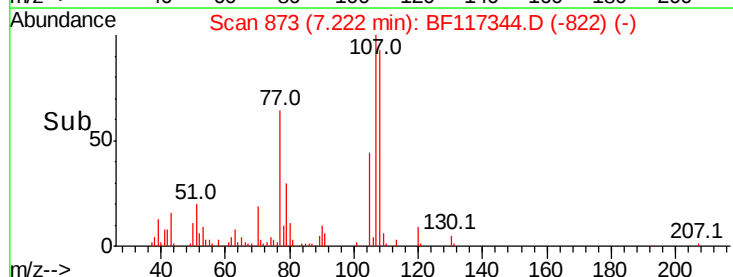
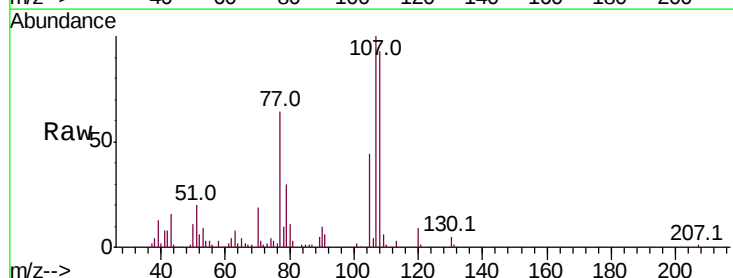
Instrument :
BNA_F
ClientSampleId :

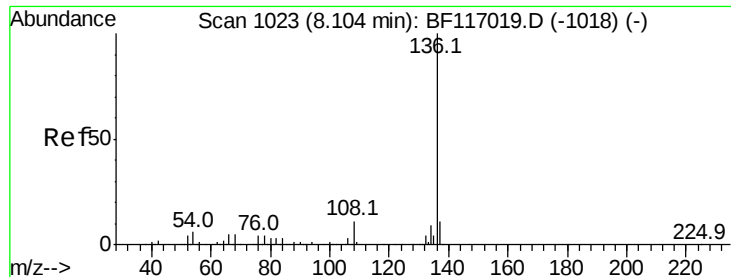
Tot Ion:	70	Resp:	83559
Ion	Ratio	Lower	Upper
70	100		
42	44.5	34.0	51.0
101	10.6	7.8	11.6
130	20.2	17.8	26.8



#20
3+4-Methylphenols
Concen: 37.477 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion:	107	Resp:	120431
Ion	Ratio	Lower	Upper
107	100		
108	92.5	72.6	112.6
77	64.4	132.1	172.1#
79	29.6	12.1	52.1

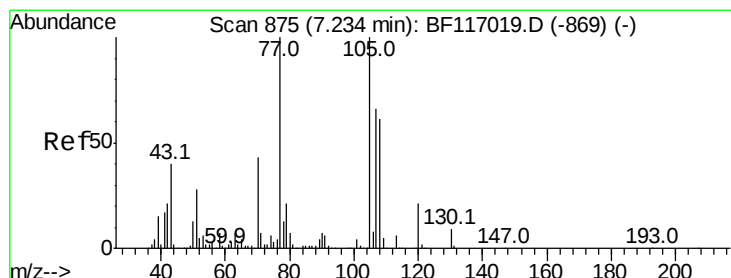
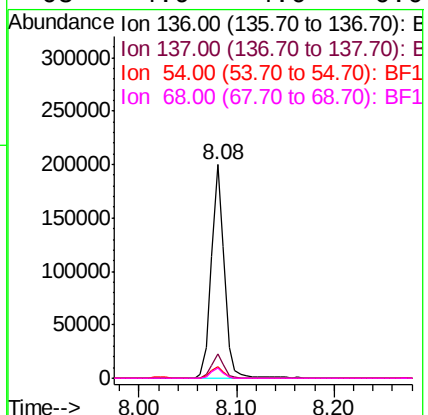
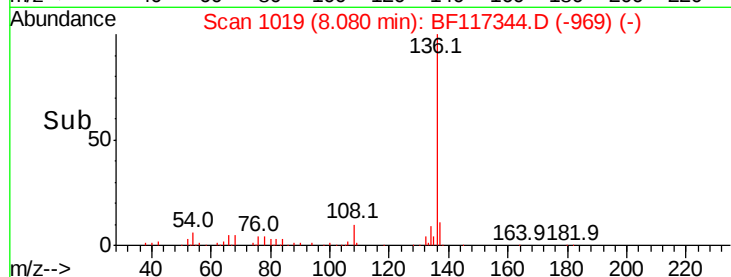
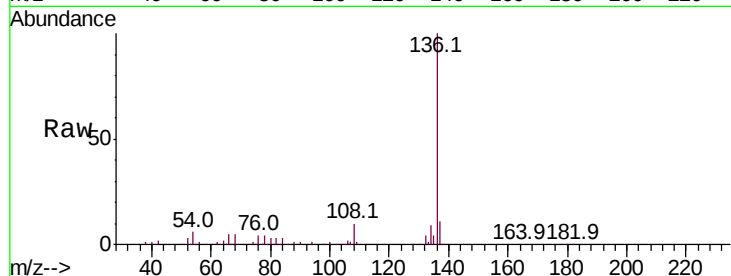




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

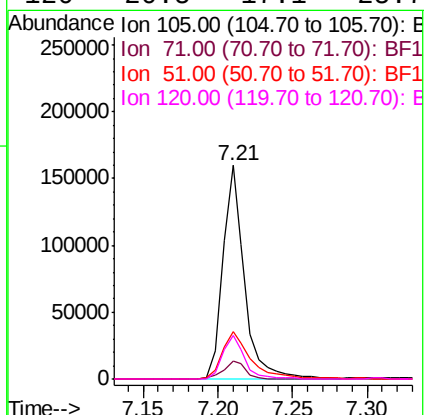
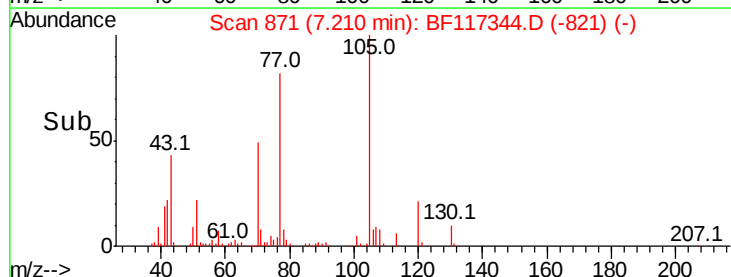
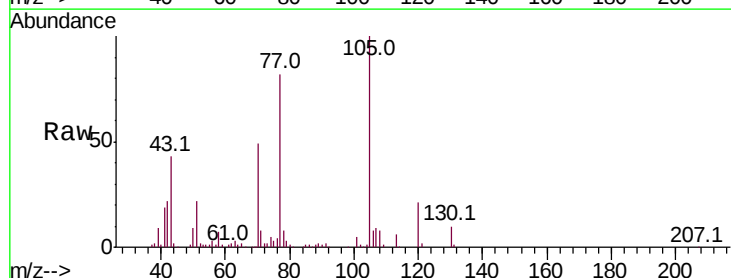
Instrument :
BNA_F
ClientSampleId :

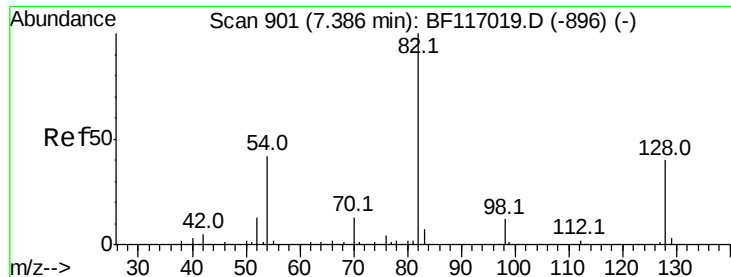
Tot Ion:136	Resp:	185156
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.4
54	5.6	4.5 6.7
68	4.9	4.0 6.0



#22
Acetophenone
Concen: 34.740 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion:105	Resp:	163424
Ion	Ratio	Lower Upper
105	100	
71	8.5	5.7 8.5
51	22.2	22.1 33.1
120	20.5	17.1 25.7

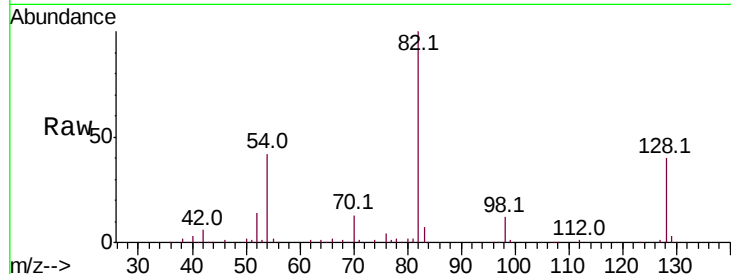




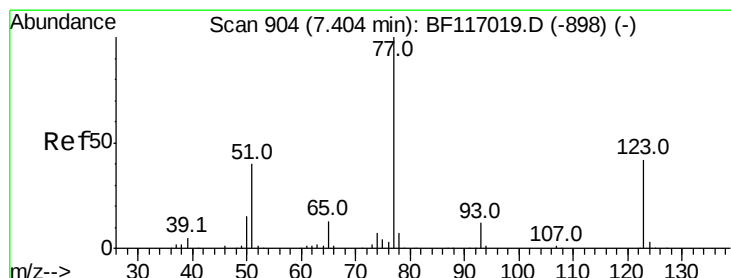
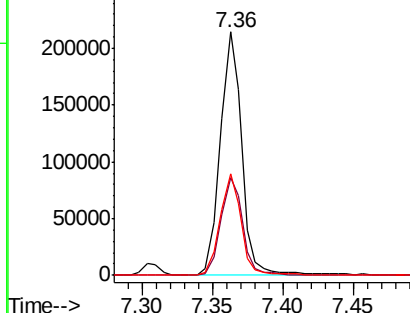
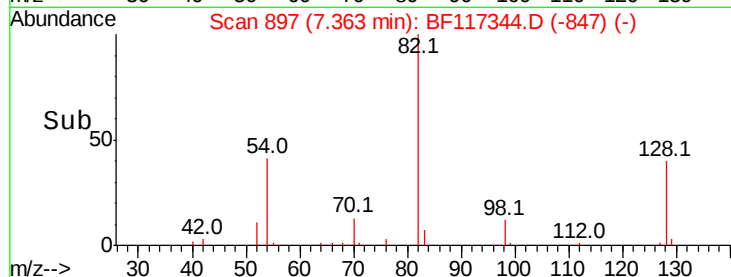
#23
Nitrobenzene-d5
Concen: 64.639 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 227782
Ion Ratio Lower Upper
82 100
128 40.3 32.3 48.5
54 41.9 33.3 49.9

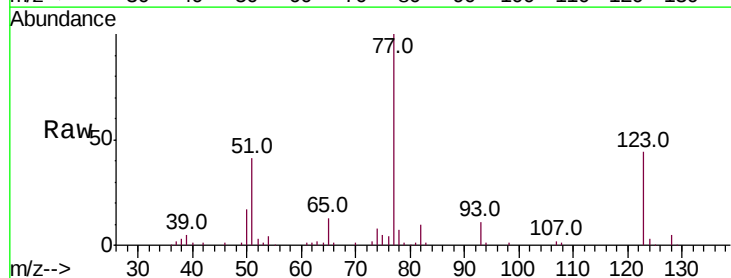


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

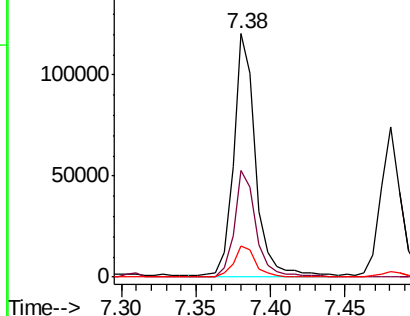
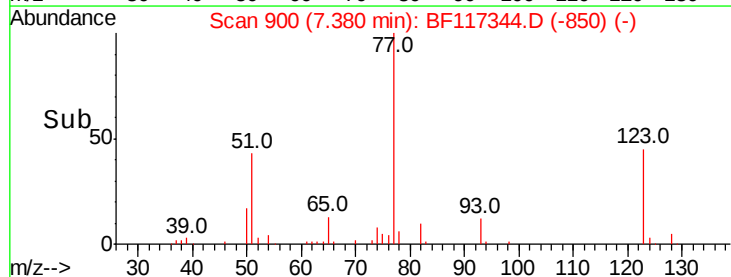


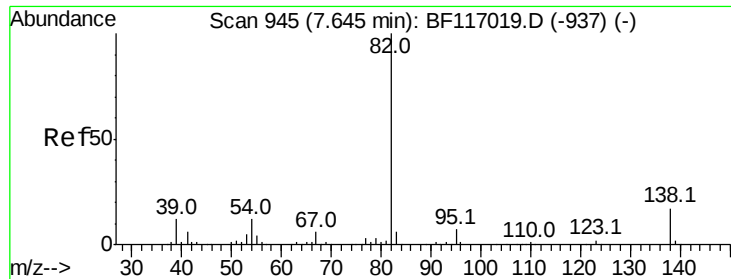
#24
Nitrobenzene
Concen: 35.606 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion: 77 Resp: 123910
Ion Ratio Lower Upper
77 100
123 43.8 33.5 50.3
65 12.7 10.5 15.7



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

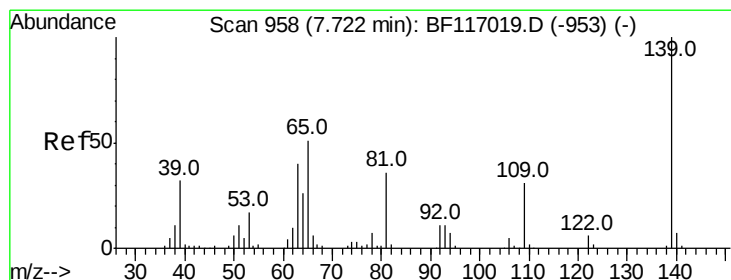
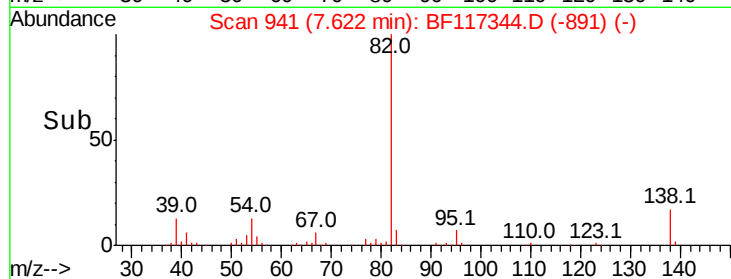
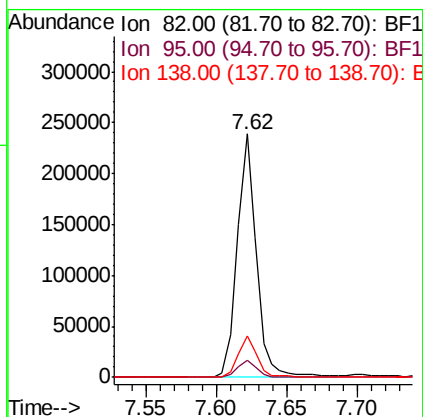
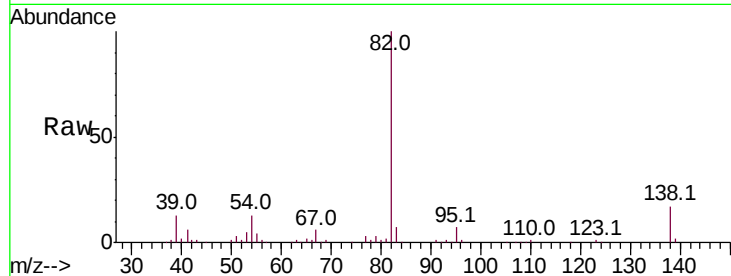




#25
Isophorone
Concen: 36.491 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

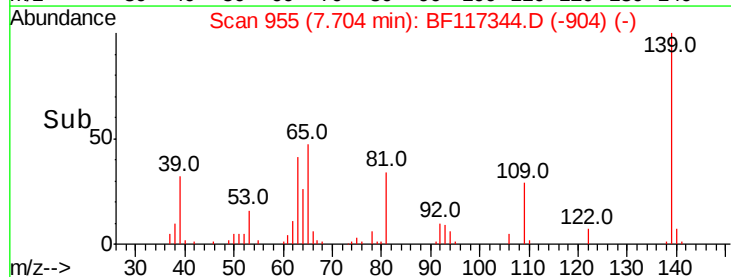
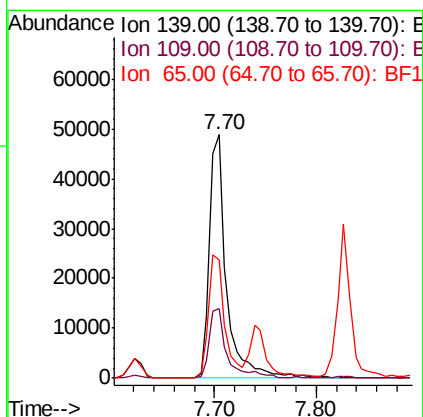
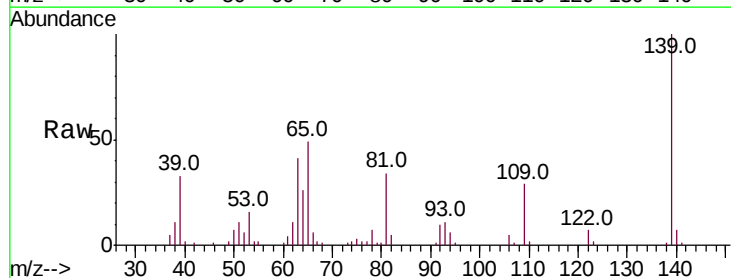
Instrument :
BNA_F
ClientSampleId :

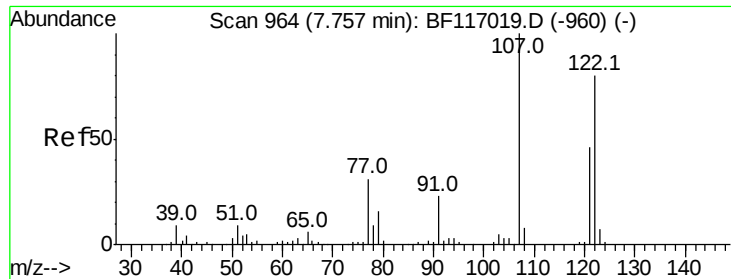
Tot Ion: 82 Resp: 227682
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 17.1 13.5 20.3



#26
2-Nitrophenol
Concen: 38.138 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion: 139 Resp: 57009
Ion Ratio Lower Upper
139 100
109 28.5 24.6 36.8
65 48.7 40.9 61.3

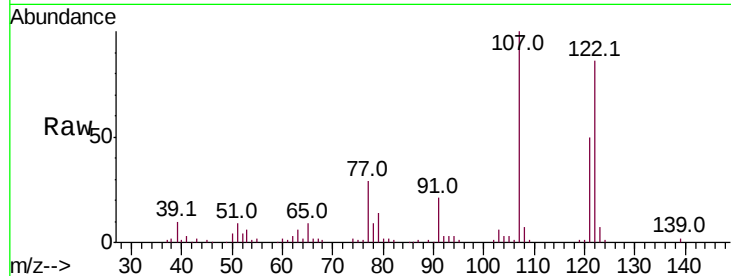




#27
 2,4-Dimethylphenol
 Concen: 42.683 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	98.9	148.3
121	58.0	45.3	67.9

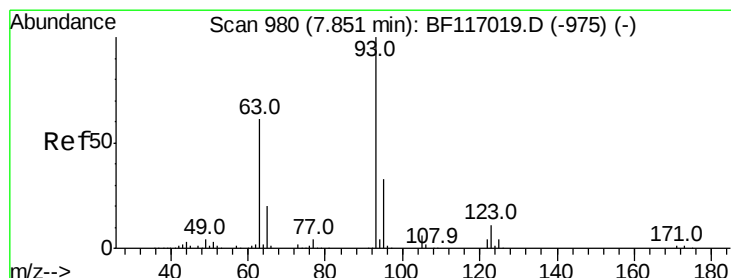
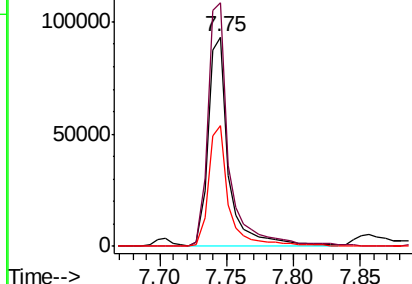
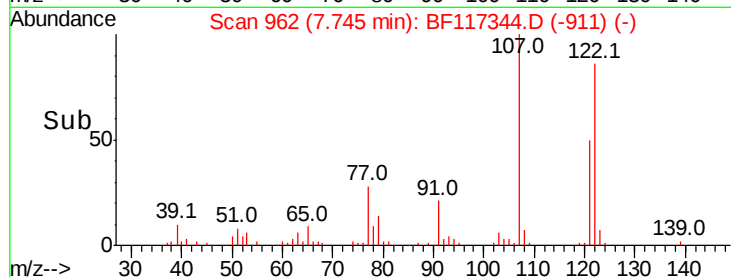


Abundance

Ion 122.00 (121.70 to 122.70): E

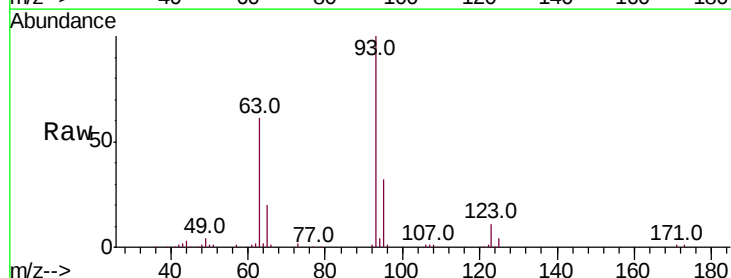
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.267 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	10.7	9.0	13.6

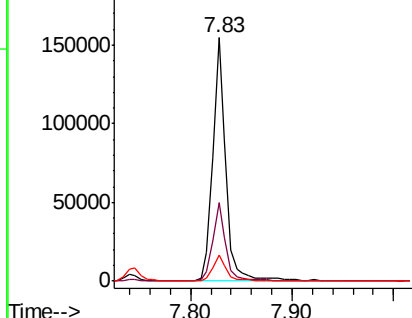
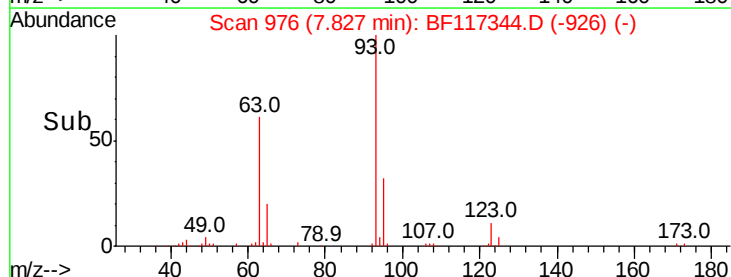


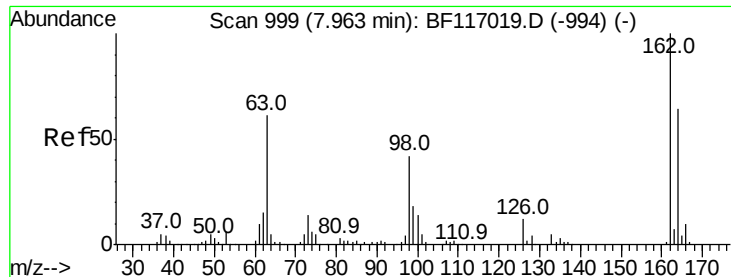
Abundance

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

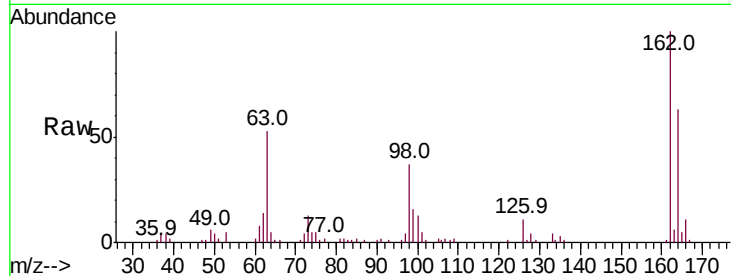




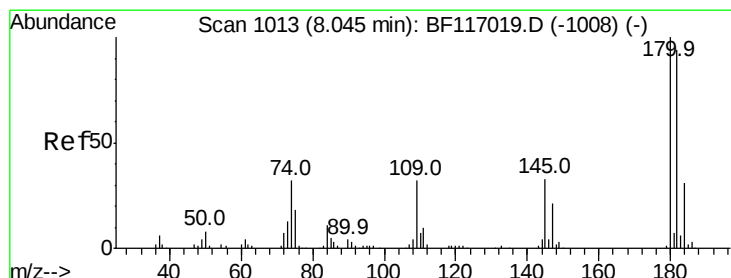
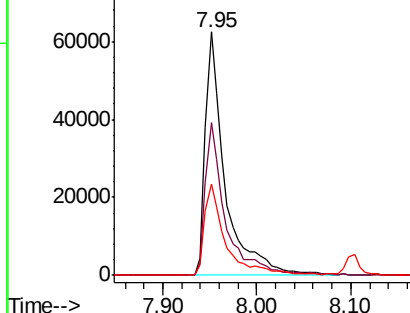
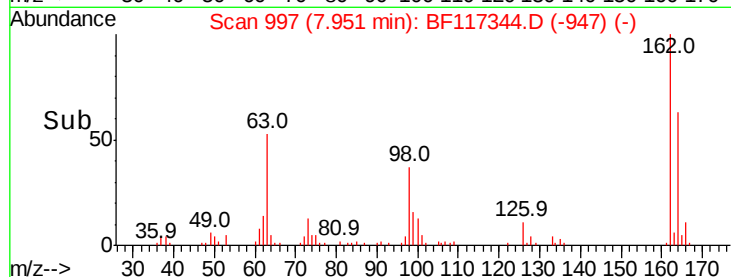
#29
 2,4-Dichlorophenol
 Concen: 37.207 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 92413
 Ion Ratio Lower Upper
 162 100
 164 62.9 43.8 83.8
 98 37.2 22.1 62.1

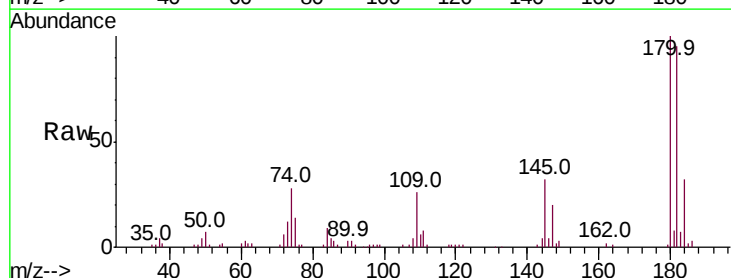


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

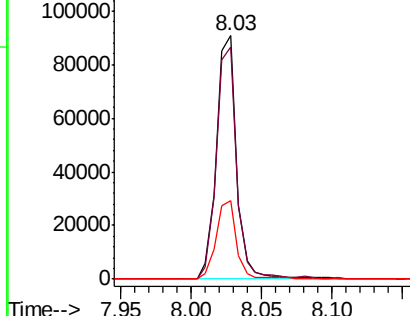
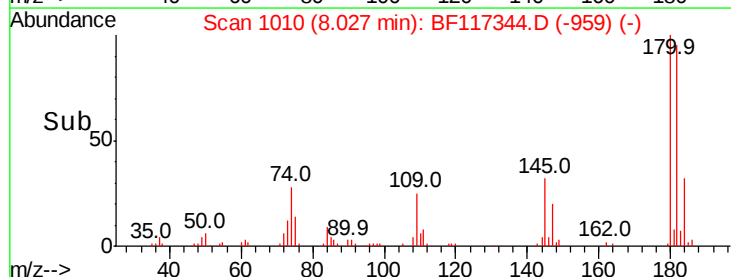


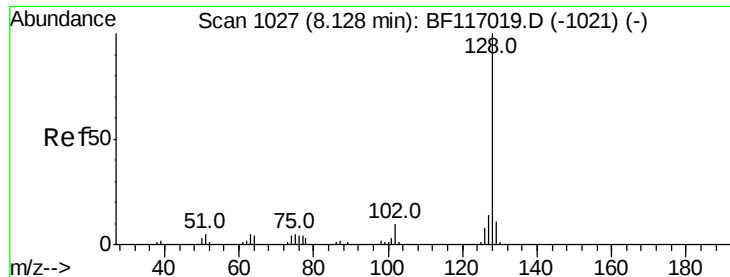
#30
 1,2,4-Trichlorobenzene
 Concen: 33.853 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Tgt Ion:180 Resp: 90840
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.4 113.0
 145 32.2 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

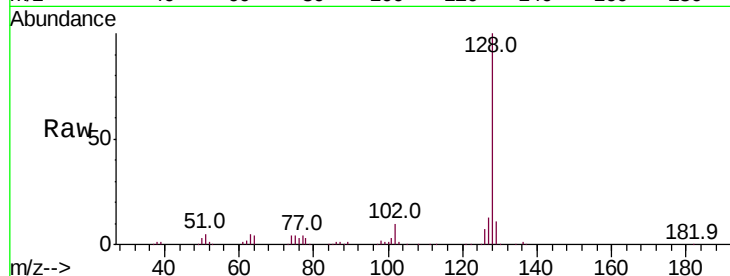




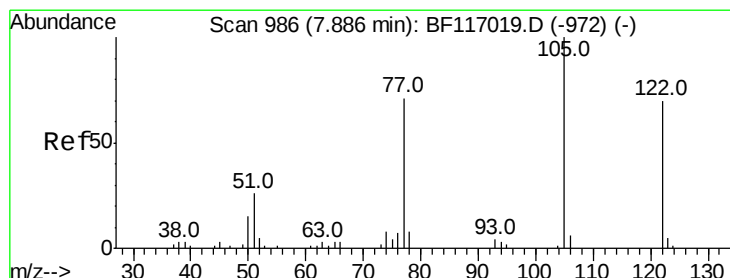
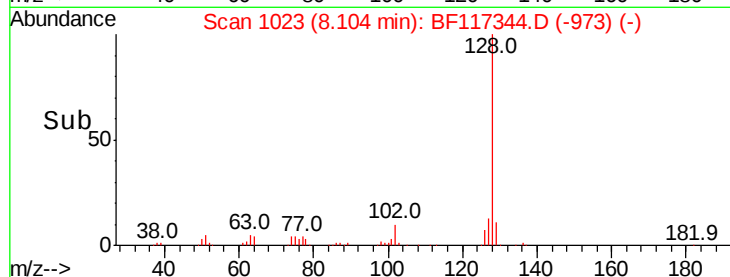
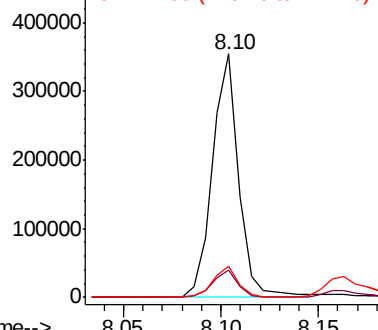
#31
Naphthalene
Concen: 37.036 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 329797
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.0 10.8 16.2

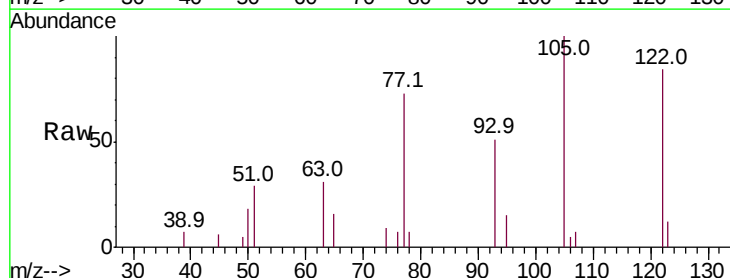


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

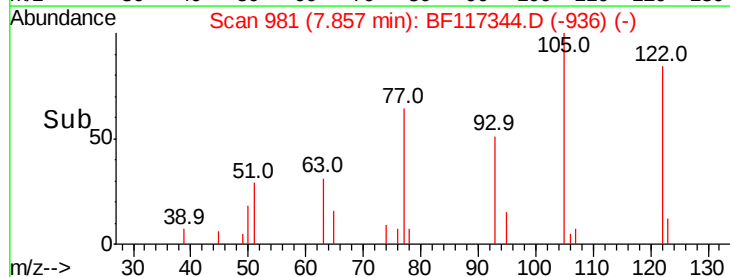
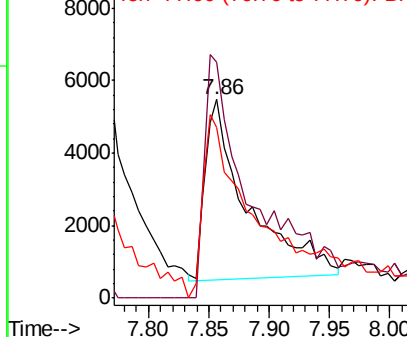


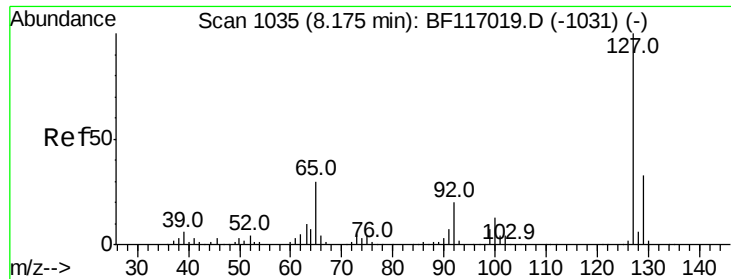
#32
Benzoic acid
Concen: 12.523 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.04 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion:122 Resp: 12303
Ion Ratio Lower Upper
122 100
105 118.5 114.8 154.8
77 86.0 78.7 118.7



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

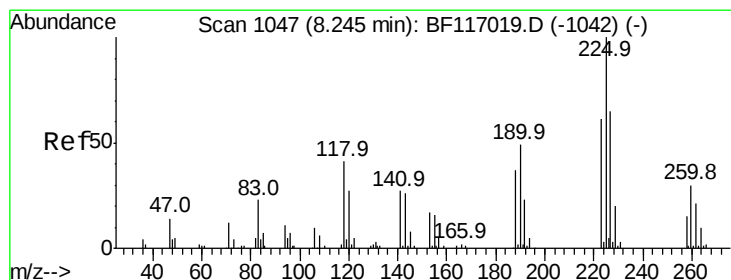
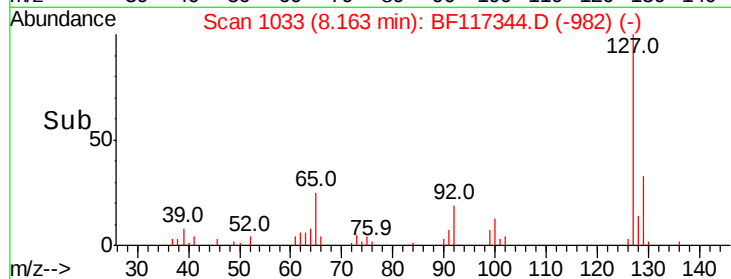
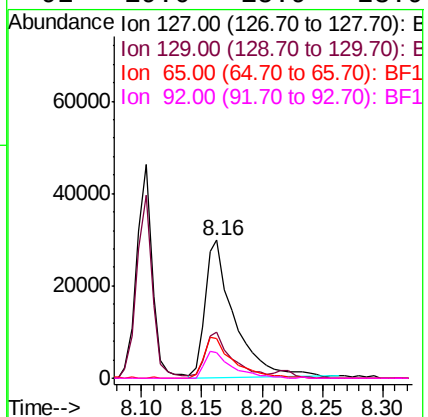
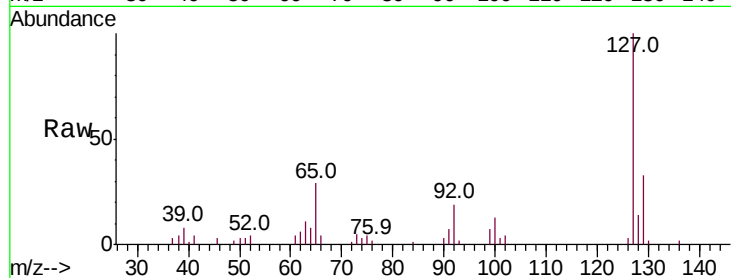




#33
4-Chloroaniline
Concen: 12.464 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

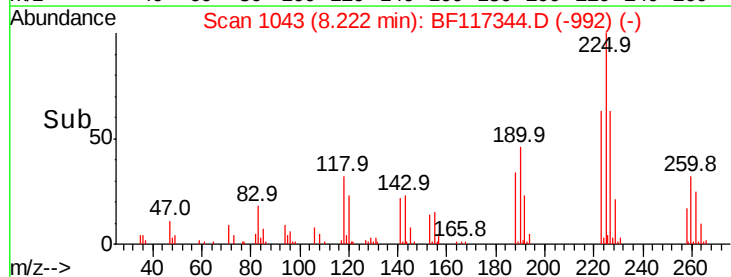
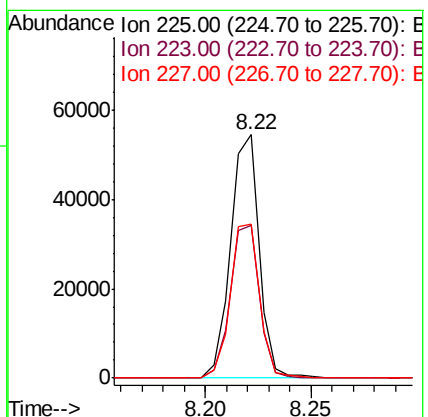
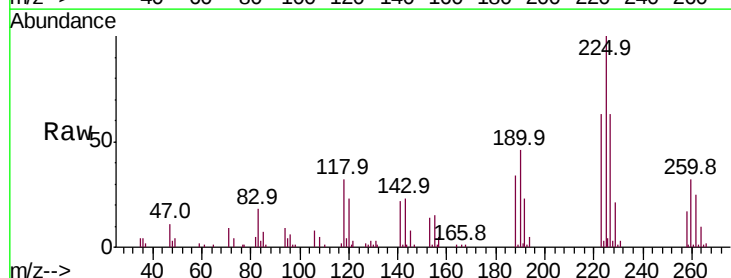
Instrument :
BNA_F
ClientSampleId :

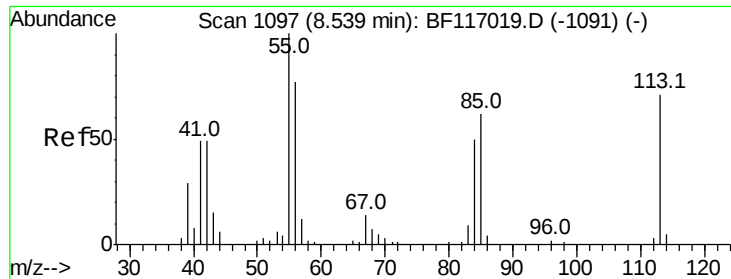
Tot Ion:	127	Resp:	49229
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.2
65	28.6	23.5	35.3
92	19.0	15.9	23.9



#34
Hexachlorobutadiene
Concen: 33.240 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion:	225	Resp:	50605
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.1	73.7
227	63.1	52.2	78.2

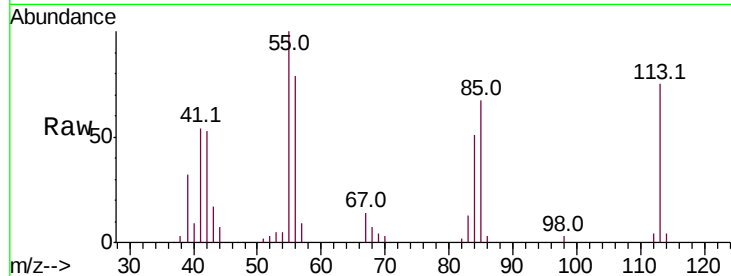




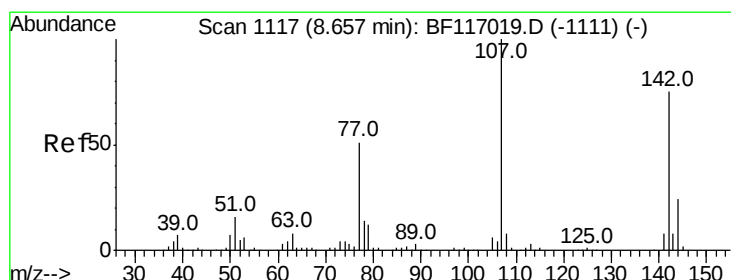
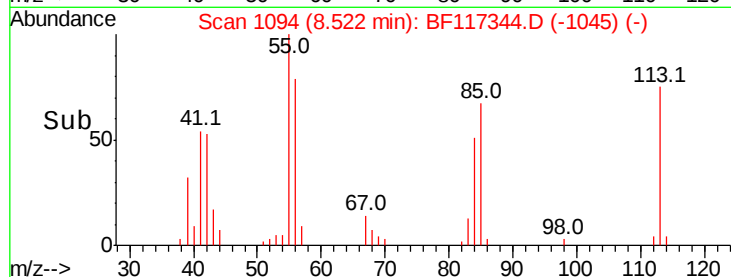
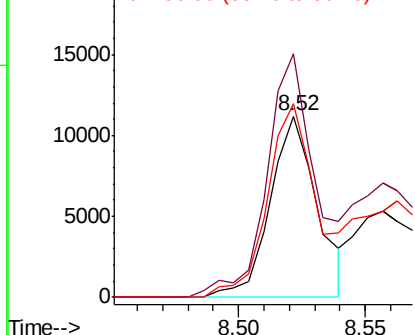
#35
Caprolactam
Concen: 17.039 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 14325
Ion Ratio Lower Upper
113 100
55 134.2 120.6 160.6
56 106.5 88.8 128.8

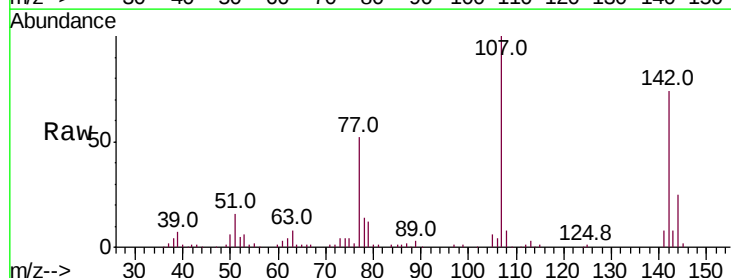


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

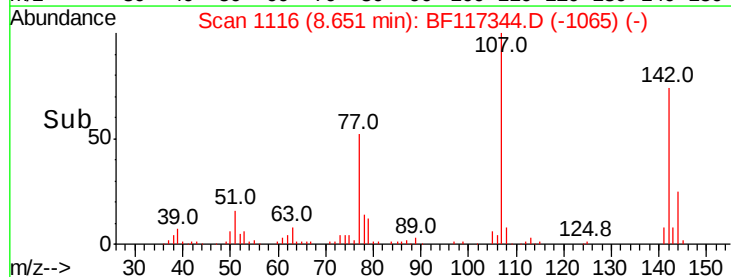
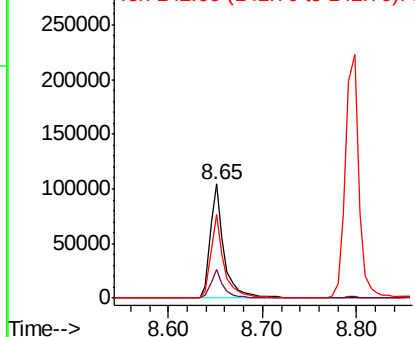


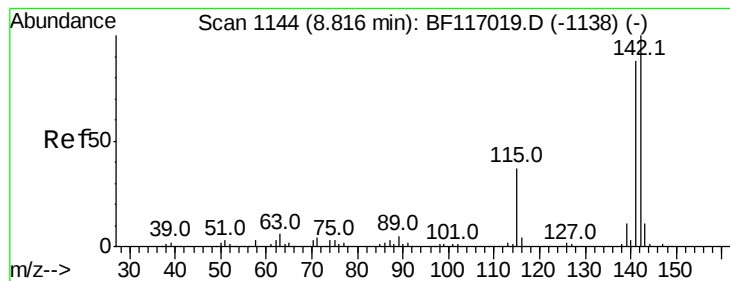
#36
4-Chloro-3-methylphenol
Concen: 37.449 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion:107 Resp: 108456
Ion Ratio Lower Upper
107 100
144 25.0 19.2 28.8
142 73.9 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

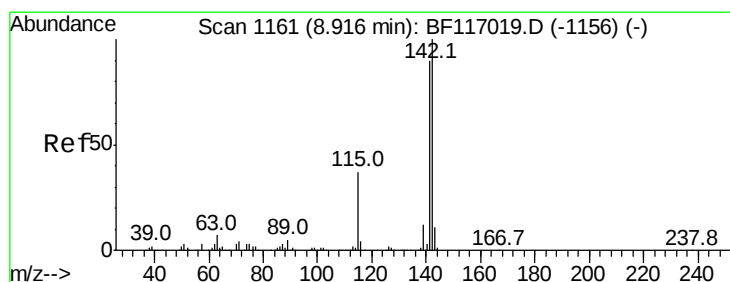
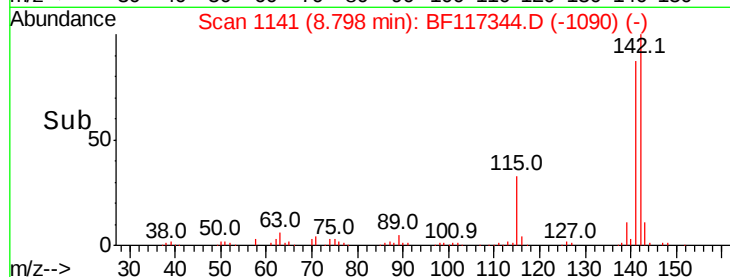
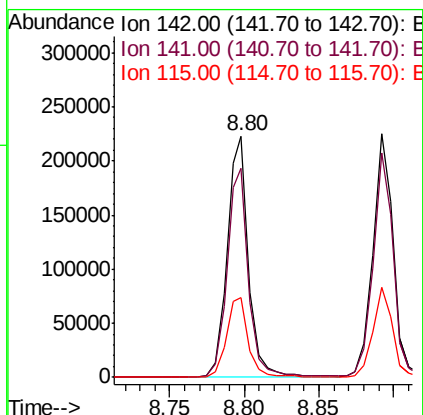
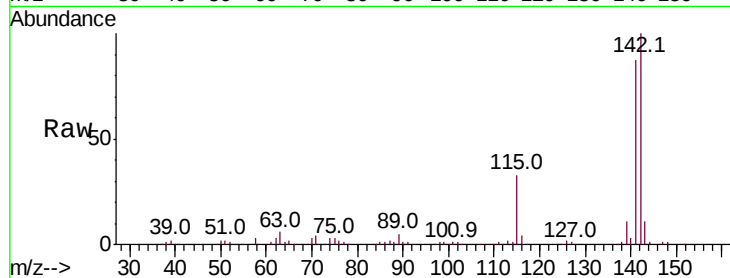




#37
 2-Methylnaphthalene
 Concen: 37.558 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

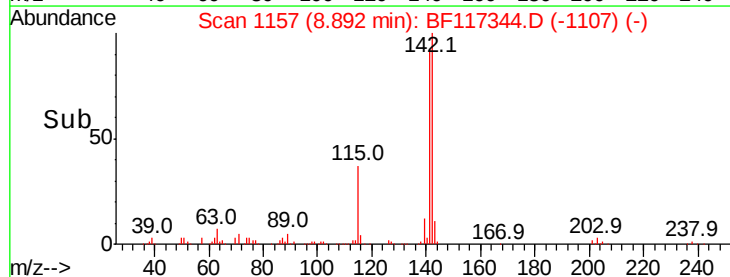
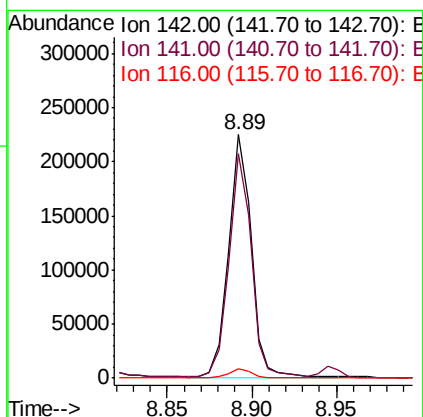
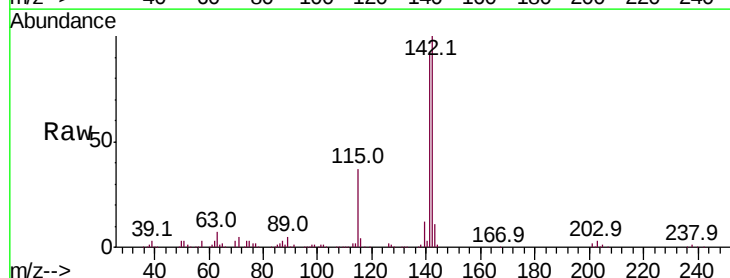
Instrument :
 BNA_F
 ClientSampleId :

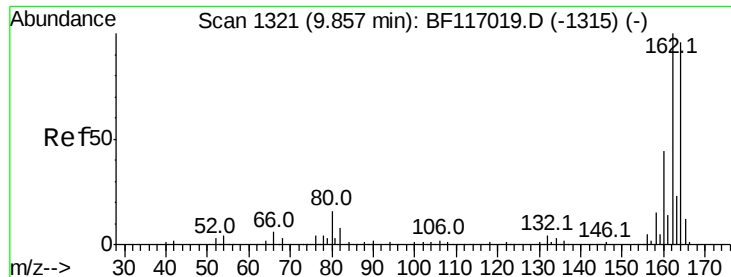
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.7	106.1
115	33.3	29.4	44.0



#38
 1-Methylnaphthalene
 Concen: 36.790 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.9	107.9
116	3.8	3.2	4.8

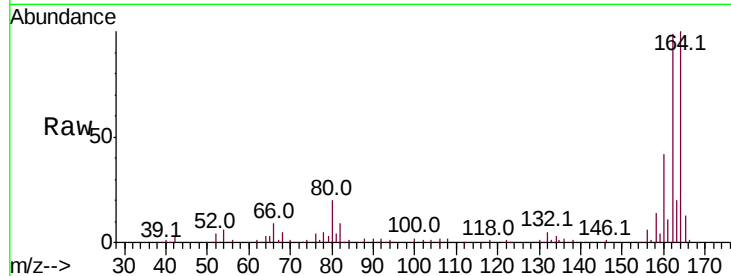




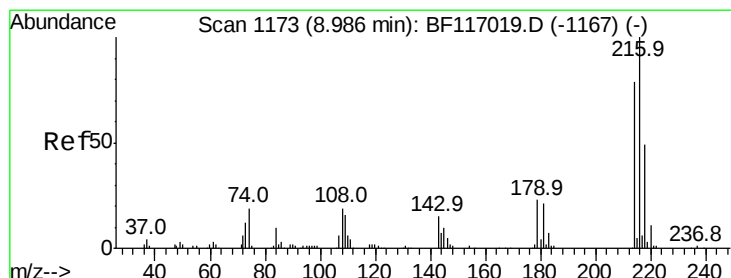
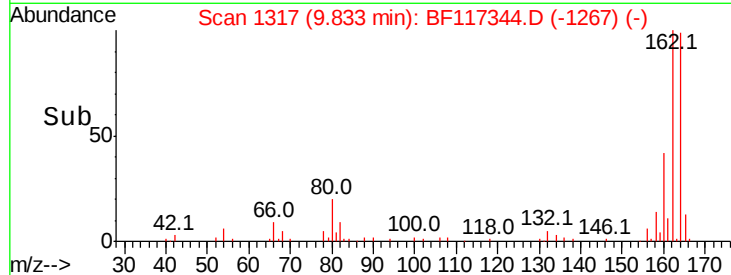
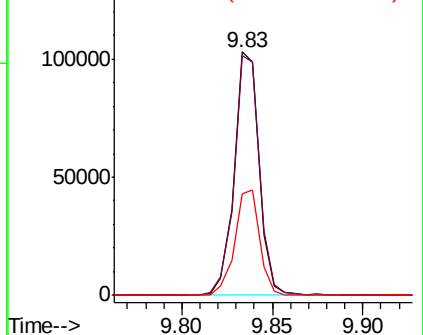
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 98499
Ion Ratio Lower Upper
164 100
162 98.6 83.4 125.2
160 41.7 36.4 54.6

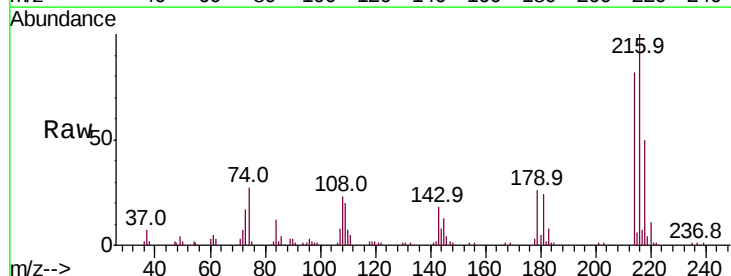


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

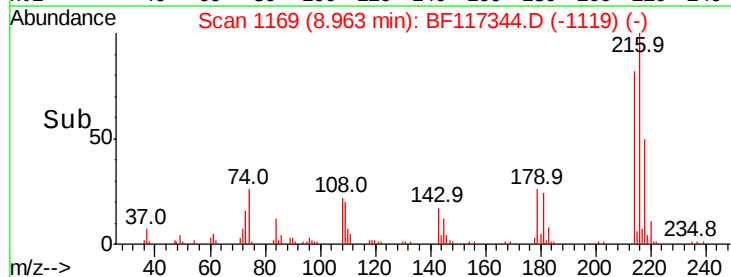
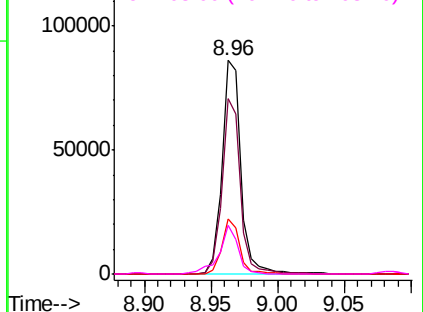


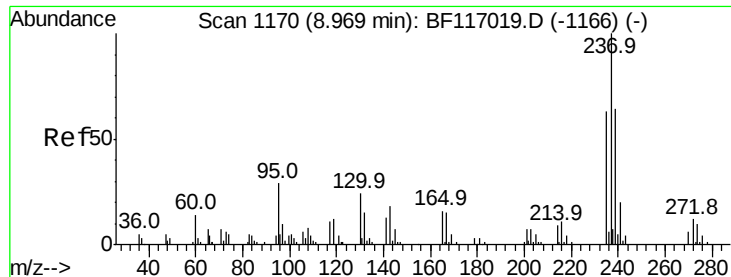
#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.042 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion:216 Resp: 86586
Ion Ratio Lower Upper
216 100
214 79.3 63.6 95.4
179 23.7 18.3 27.5
108 22.5 17.8 26.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.157 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampleId :

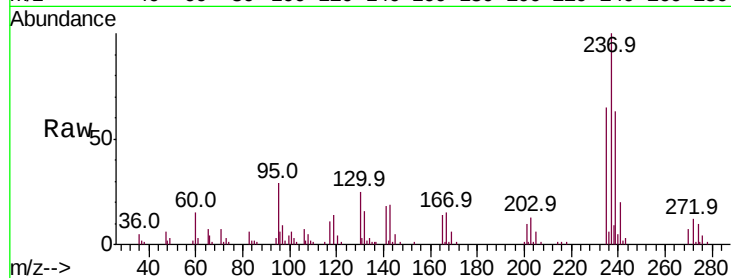
Tot Ion:237 Resp: 51496

Ion Ratio Lower Upper

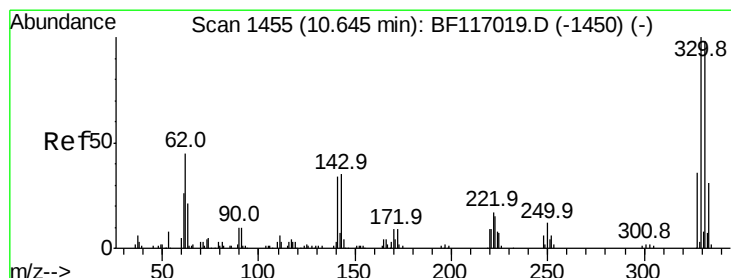
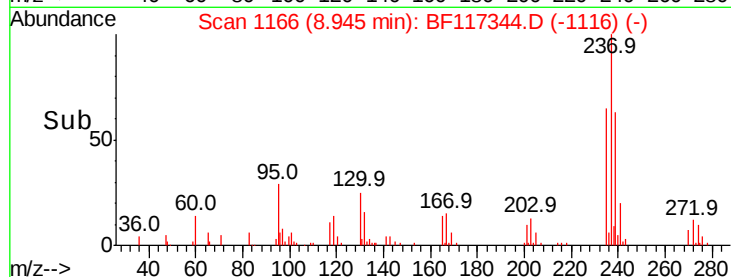
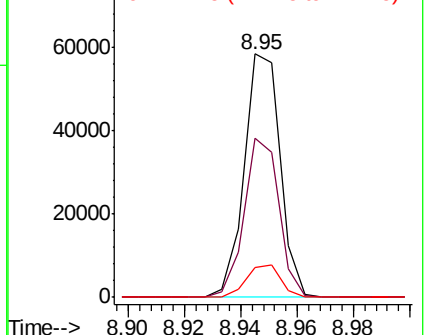
237 100

235 65.2 43.2 83.2

272 12.3 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: 93.236 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

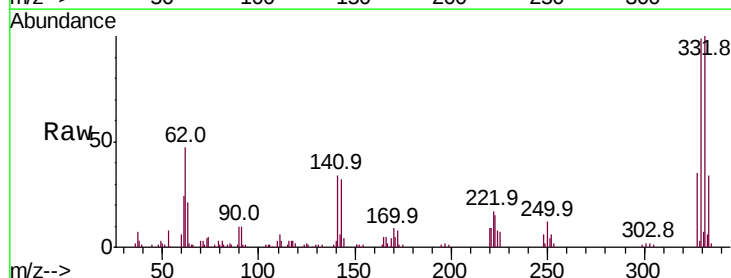
Tgt Ion:330 Resp: 76754

Ion Ratio Lower Upper

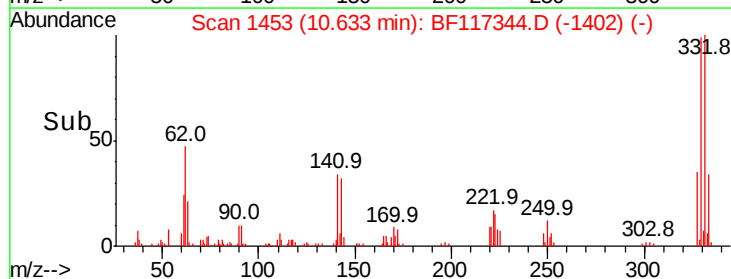
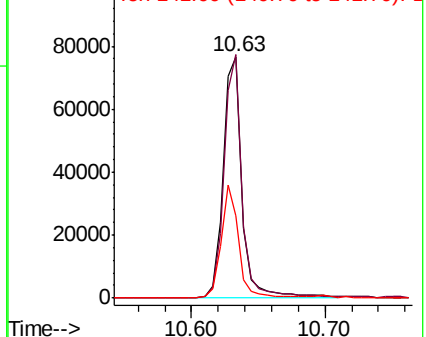
330 100

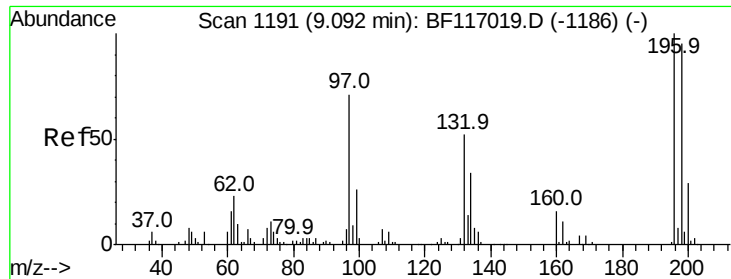
332 96.5 78.0 117.0

141 43.6 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

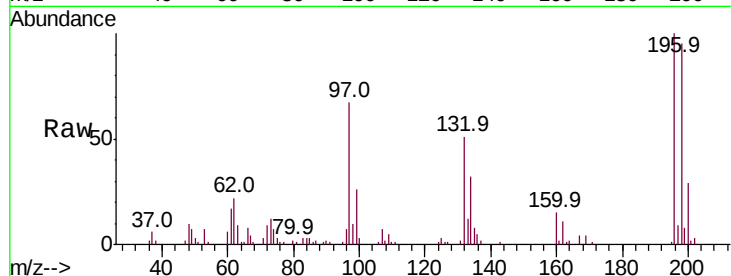




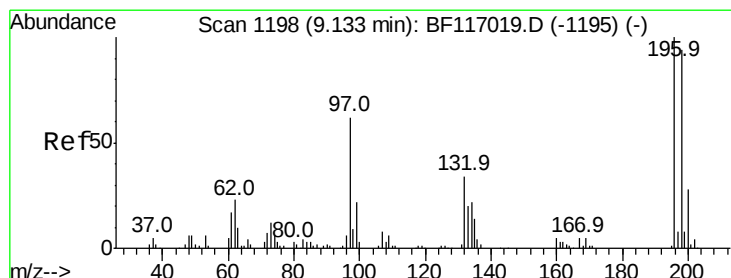
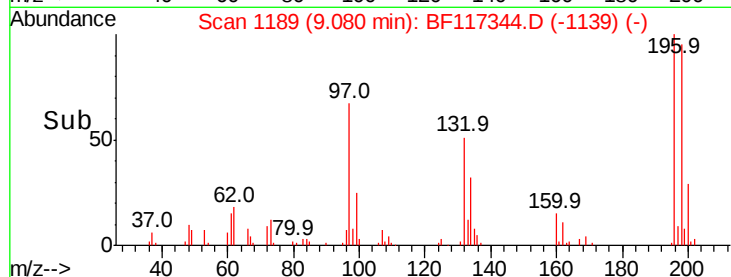
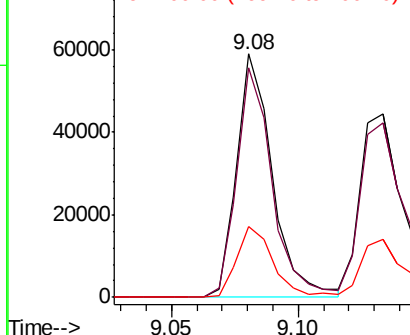
#43
 2,4,6-Trichlorophenol
 Concen: 33.424 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 57693
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 29.2 23.3 34.9



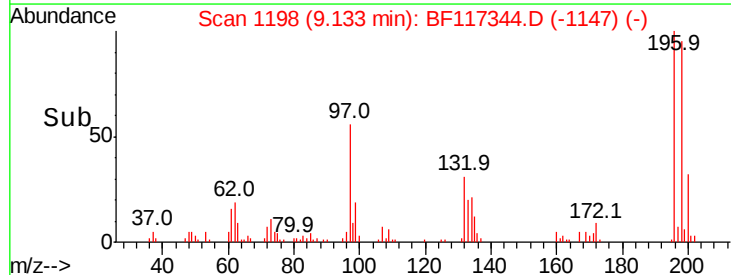
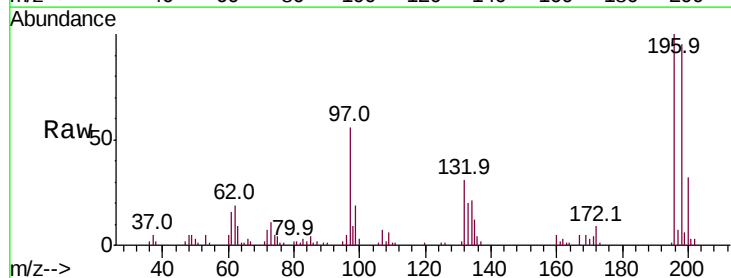
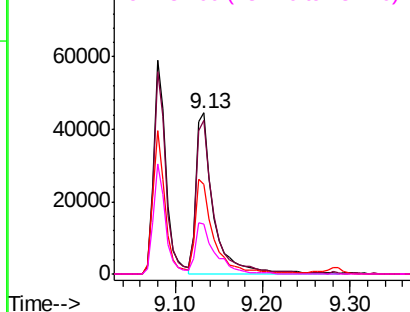
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

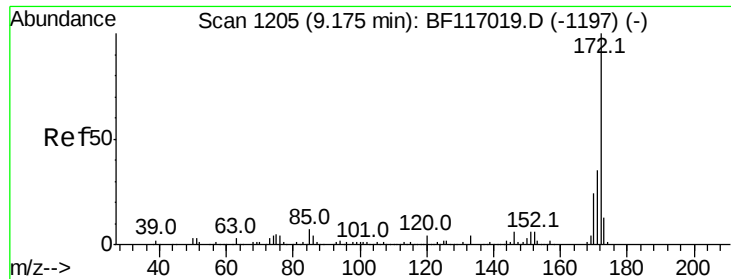


#44
 2,4,5-Trichlorophenol
 Concen: 33.953 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Tgt Ion:196 Resp: 62616
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.6 112.0
 97 55.7 49.5 74.3
 132 31.2 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

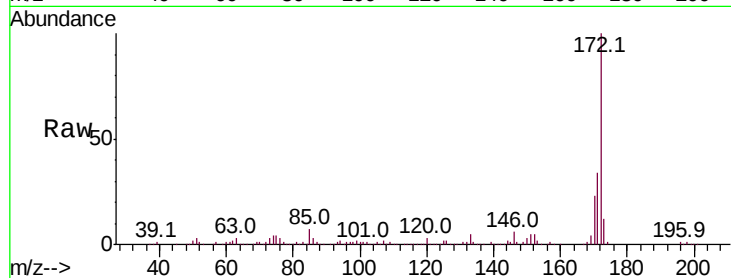




#45
 2-Fluorobiphenyl
 Concen: 63.258 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.2	42.2
170	22.7	18.9	28.3

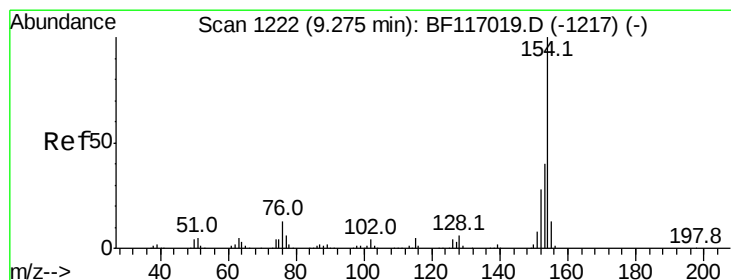
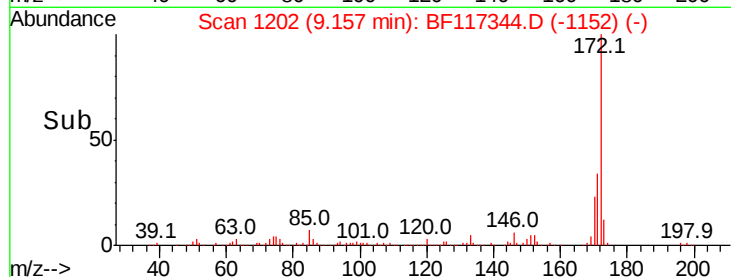
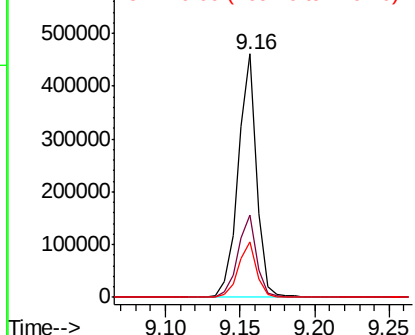


Abundance

Ion 172.00 (171.70 to 172.70): E

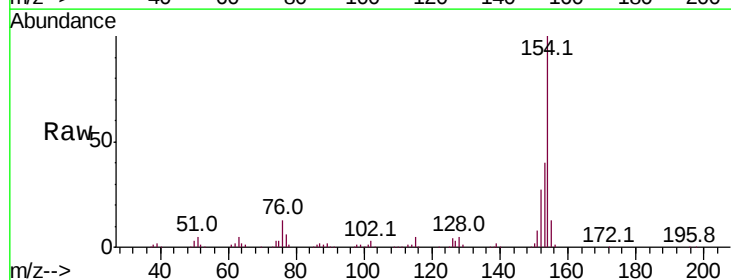
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 34.499 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.0	60.0
76	13.1	0.0	32.7

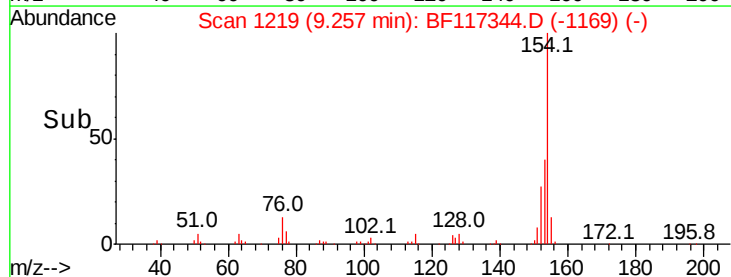
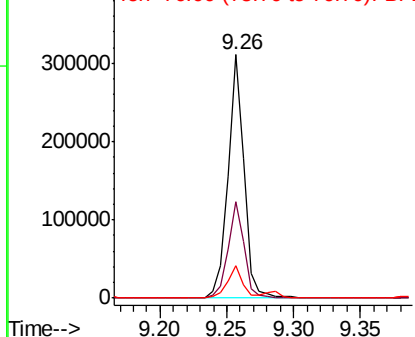


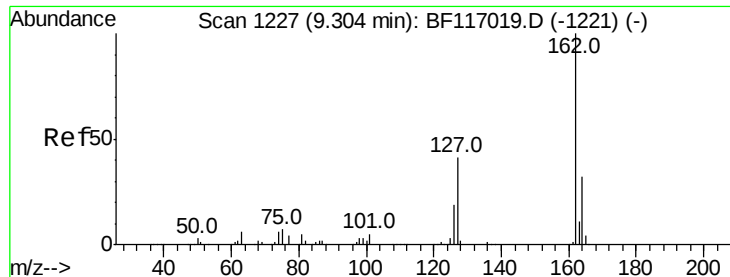
Abundance

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

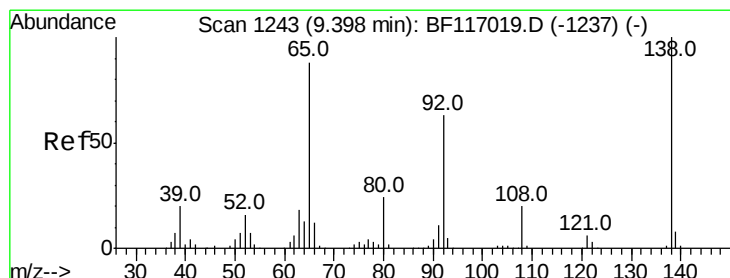
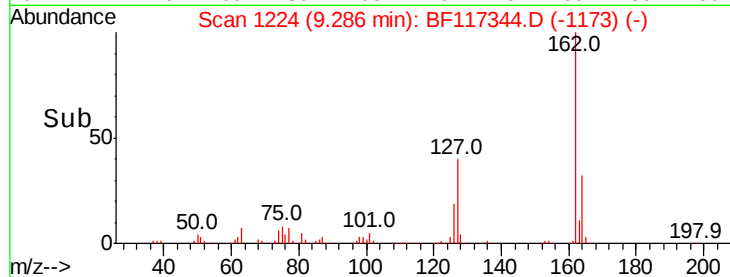
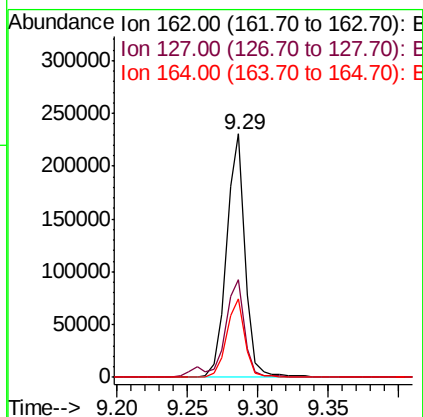
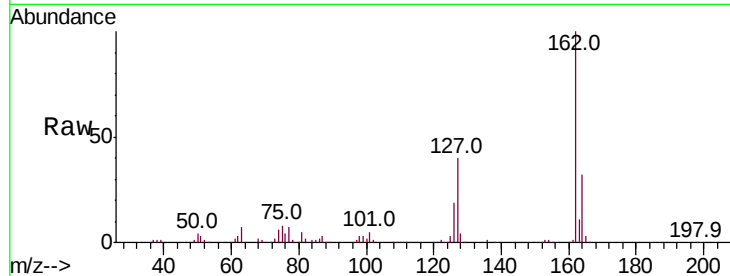




#47
 2-Chloronaphthalene
 Concen: 34.379 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

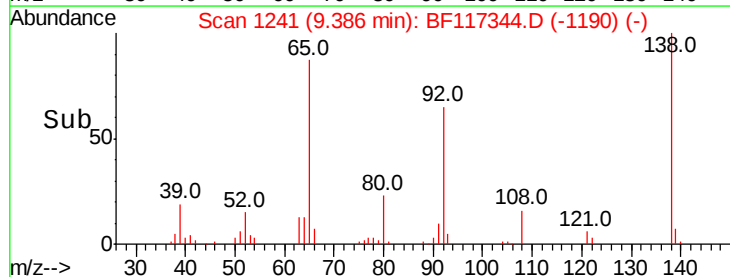
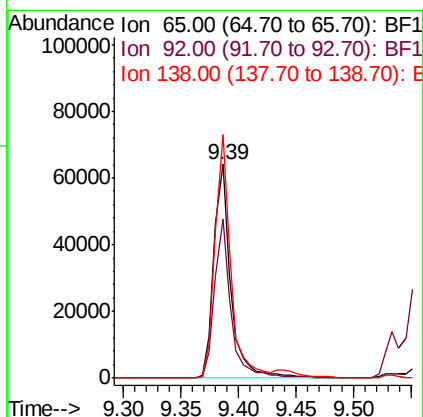
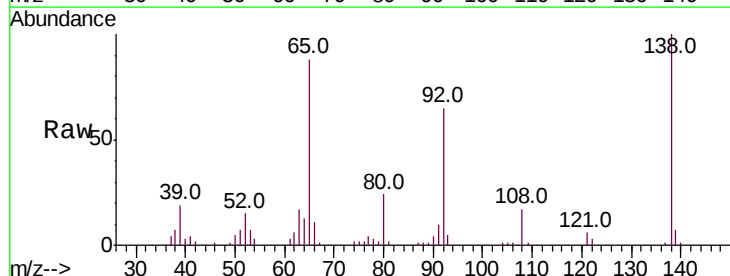
Instrument :
 BNA_F
 ClientSampleId :

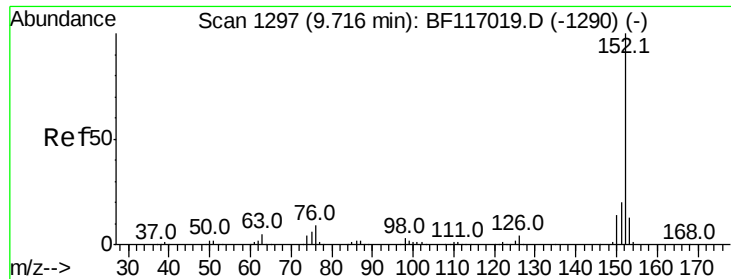
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	34.1	51.1
164	32.2	25.9	38.9



#48
 2-Nitroaniline
 Concen: 33.269 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	57.5	86.3
138	113.9	90.6	136.0





#49

Acenaphthylene

Concen: 35.833 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampleId :

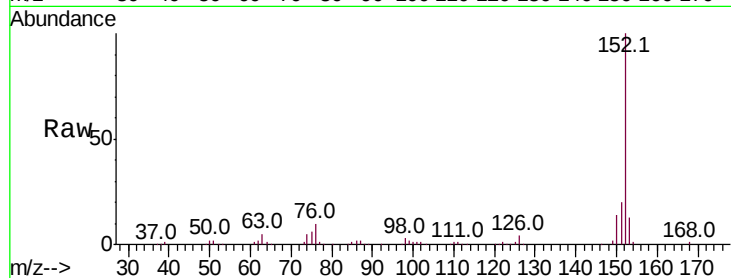
Tot Ion:152 Resp: 327324

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

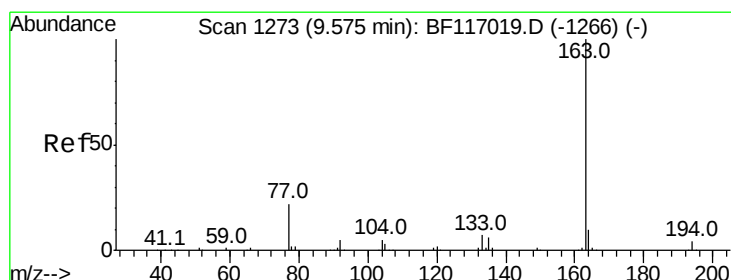
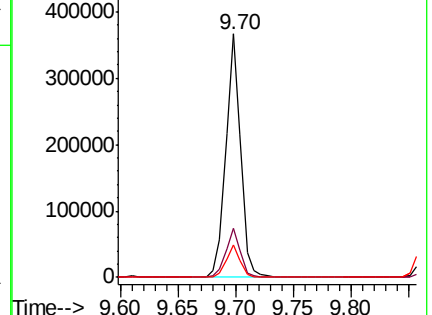
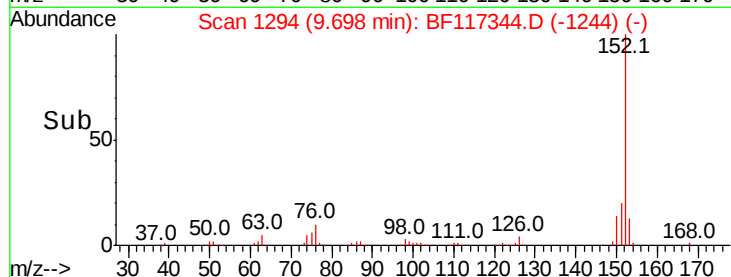
153 13.1 10.2 15.4



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: 41.996 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

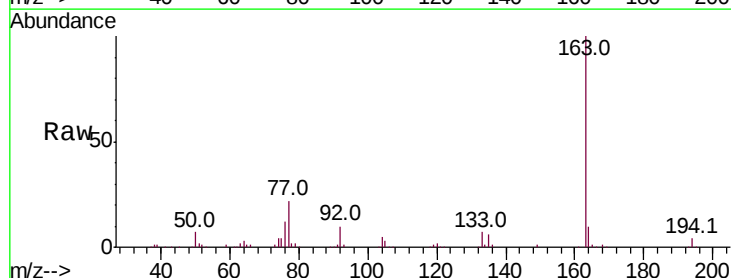
Tgt Ion:163 Resp: 292887

Ion Ratio Lower Upper

163 100

194 4.1 2.9 4.3

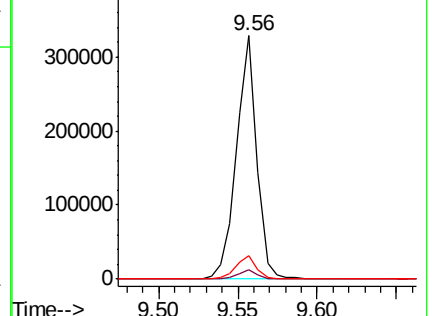
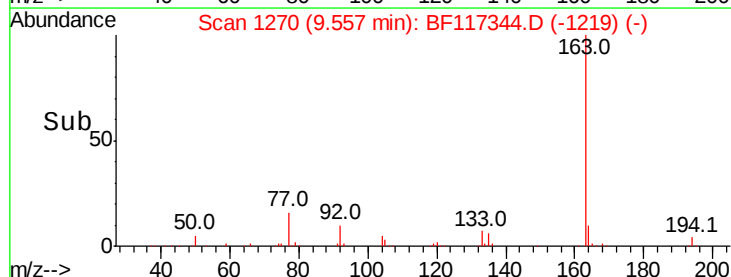
164 9.9 8.2 12.4

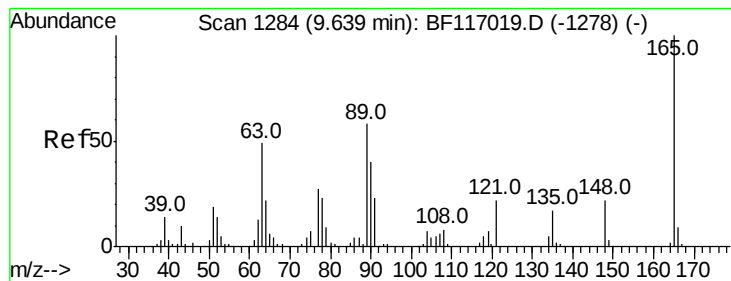


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.893 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampled :

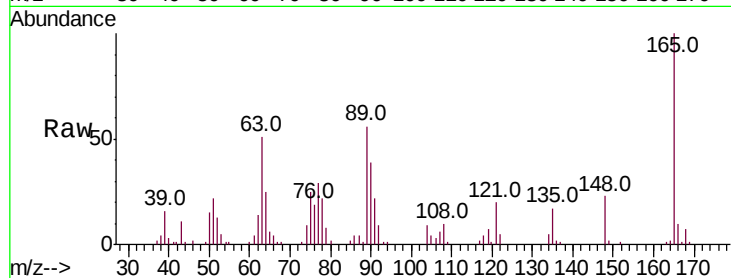
Tot Ion:165 Resp: 53824

Ion Ratio Lower Upper

165 100

63 50.8 41.8 62.8

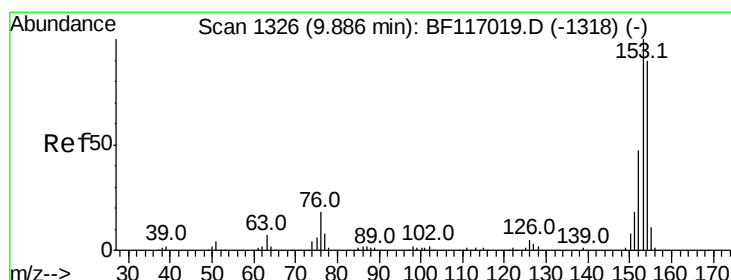
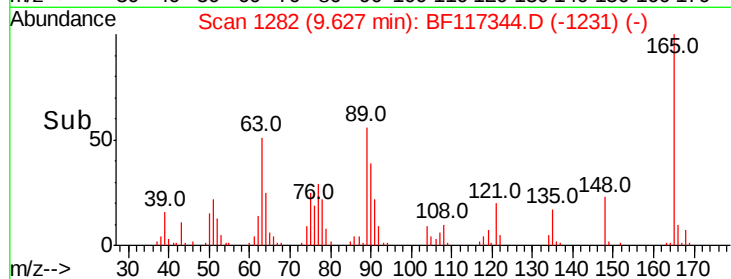
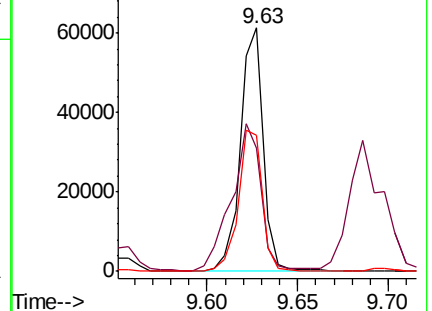
89 55.8 46.5 69.7



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: 35.024 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

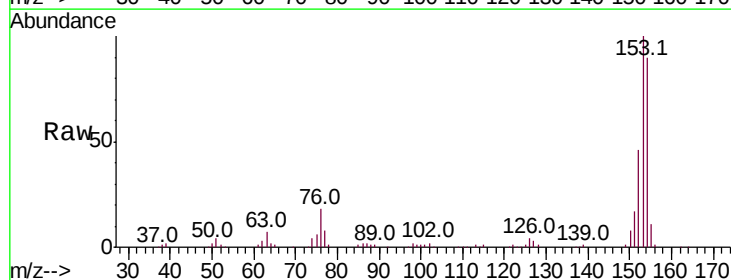
Tgt Ion:154 Resp: 189649

Ion Ratio Lower Upper

154 100

153 111.1 89.0 133.6

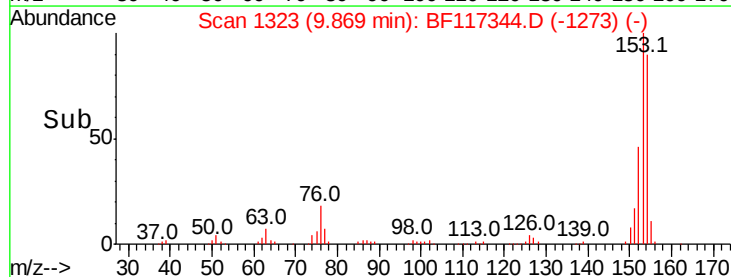
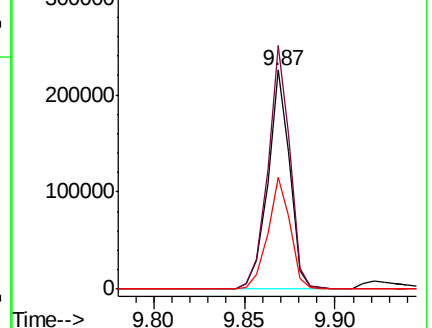
152 50.9 41.9 62.9

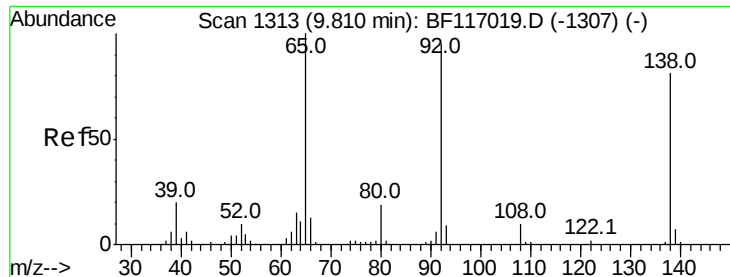


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

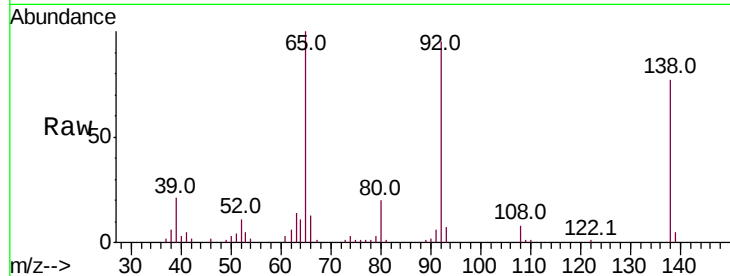




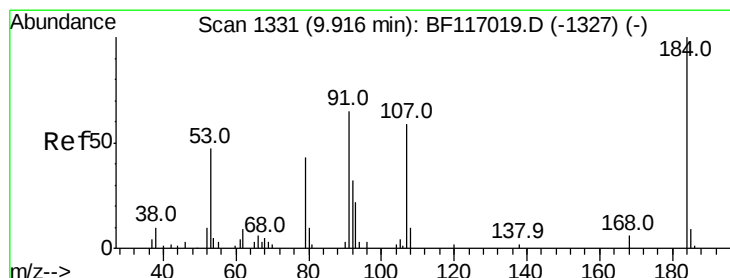
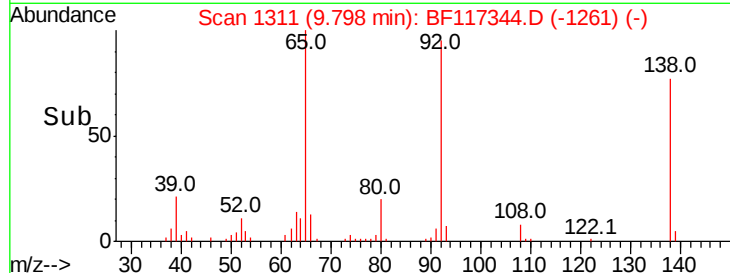
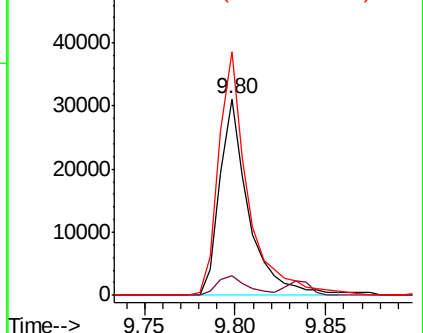
#53
3-Nitroaniline
Concen: 19.278 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 34549
Ion Ratio Lower Upper
138 100
108 10.2 9.5 14.3
92 123.8 94.1 141.1

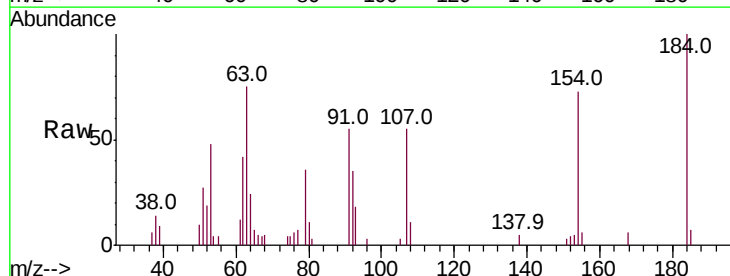


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

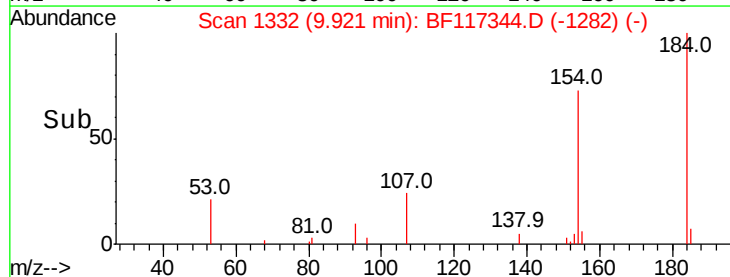
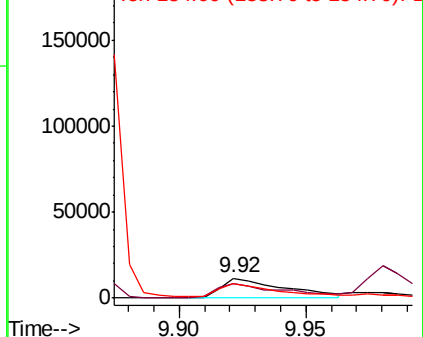


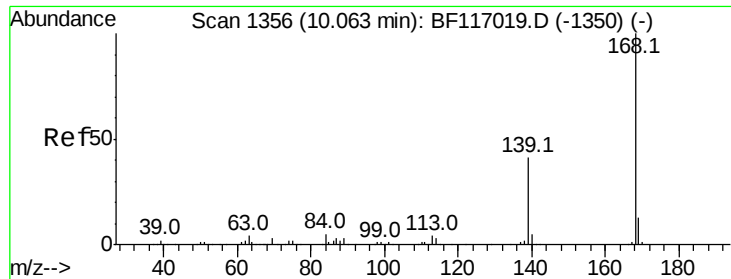
#54
2,4-Dinitrophenol
Concen: 38.183 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion:184 Resp: 20100
Ion Ratio Lower Upper
184 100
63 75.0 63.8 95.6
154 72.7 60.4 90.6



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

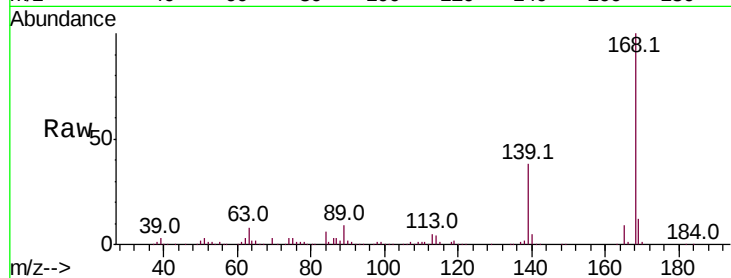




#55
Dibenzofuran
Concen: 36.757 ng
RT: 10.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	32.8	49.2
169	12.4	10.5	15.7

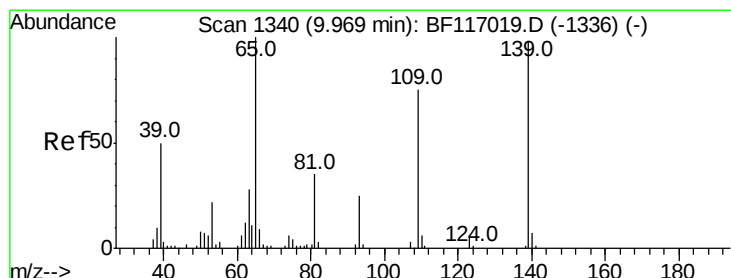
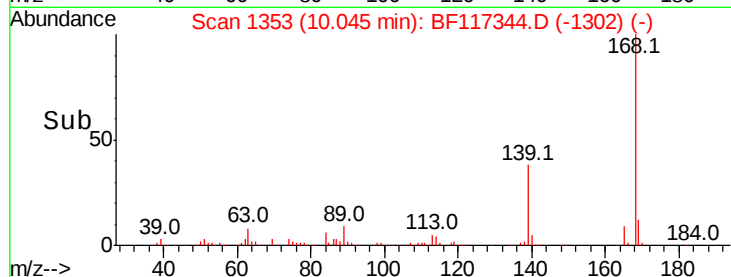
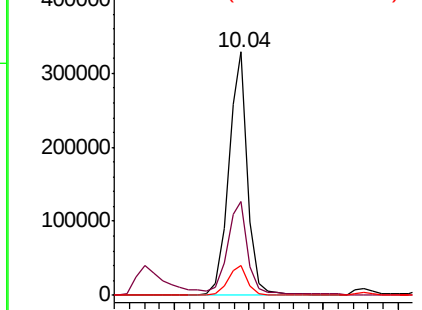


Abundance

Ion 168.00 (167.70 to 168.70): E

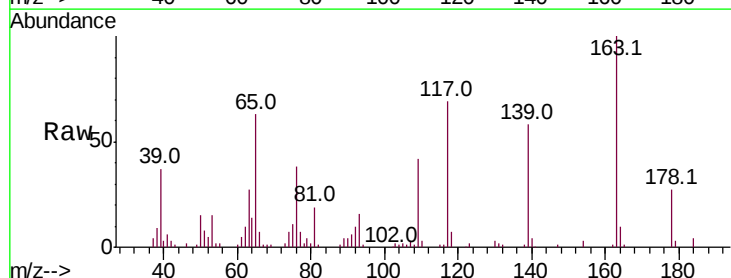
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 48.928 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	56.4	96.4
65	108.7	82.5	122.5

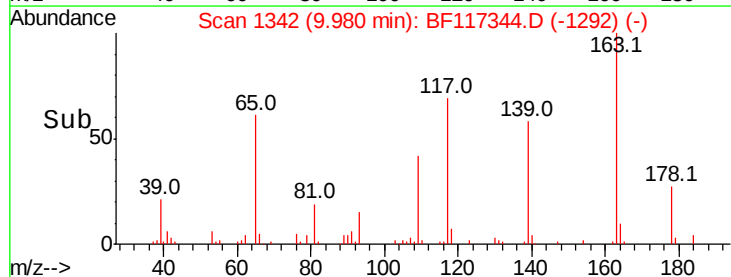
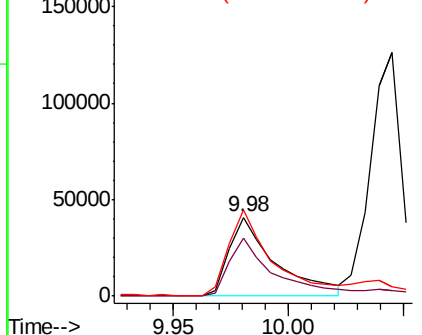


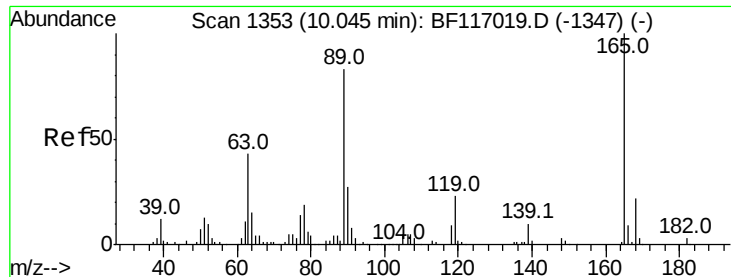
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

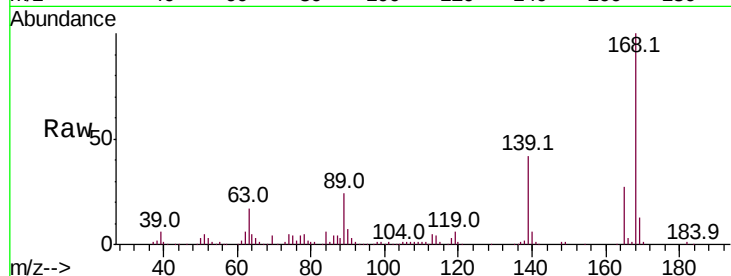




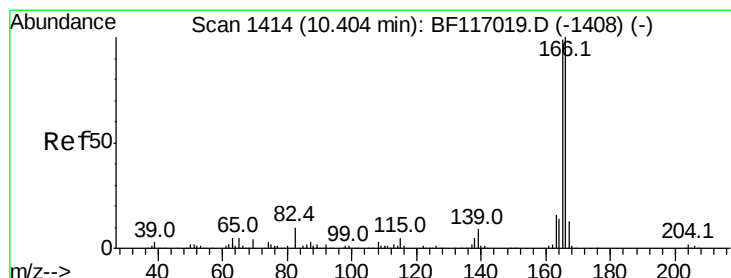
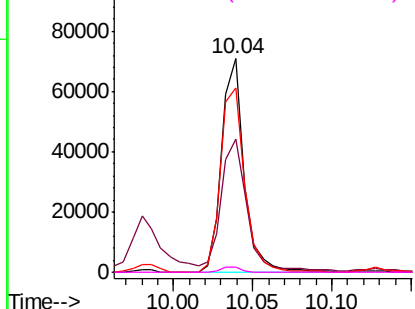
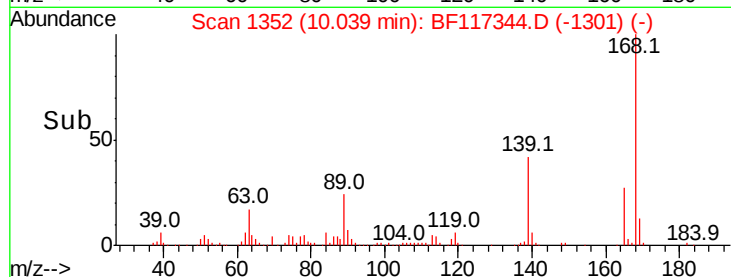
#57
2,4-Dinitrotoluene
Concen: 37.862 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 69810
Ion Ratio Lower Upper
165 100
63 62.4 35.0 52.4#
89 86.0 66.1 99.1
182 2.1 2.0 3.0

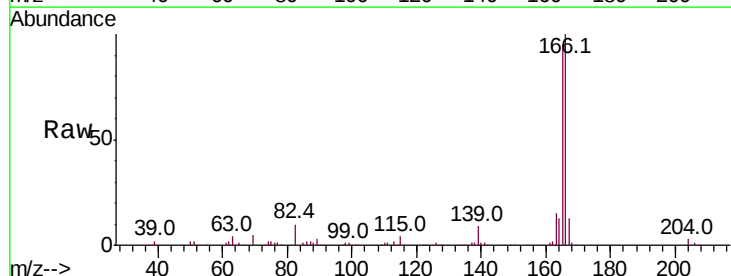


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

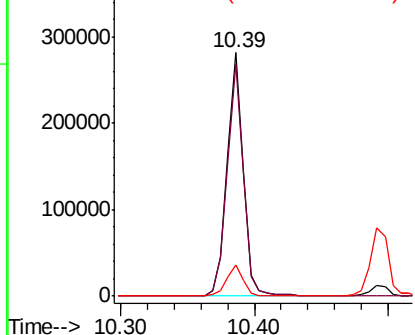
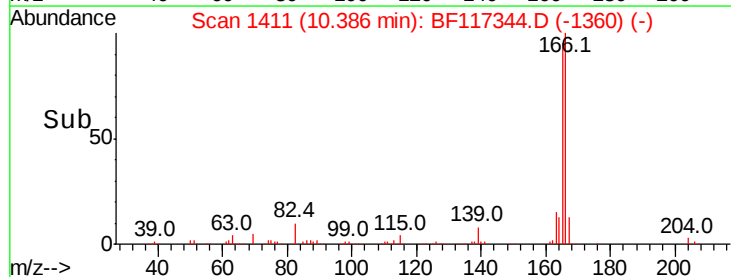


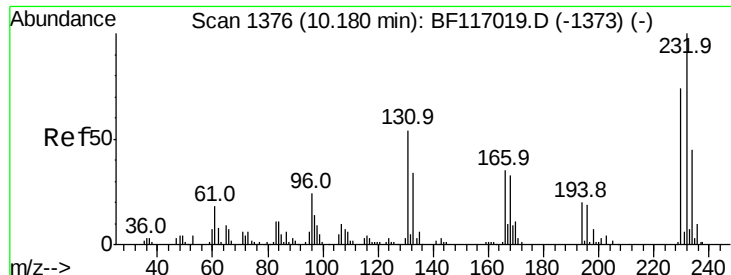
#58
Fluorene
Concen: 37.826 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion:166 Resp: 243436
Ion Ratio Lower Upper
166 100
165 95.3 78.9 118.3
167 12.7 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

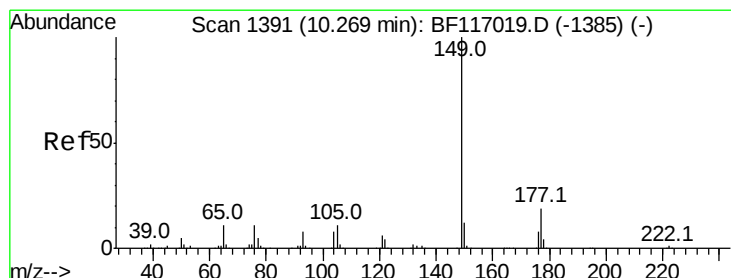
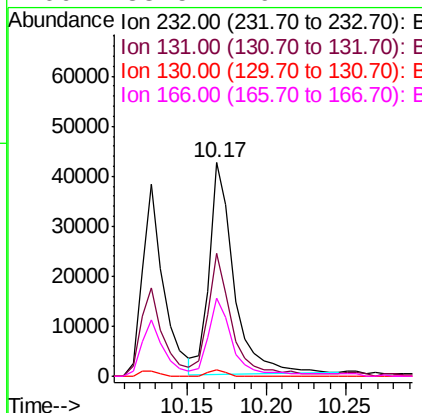
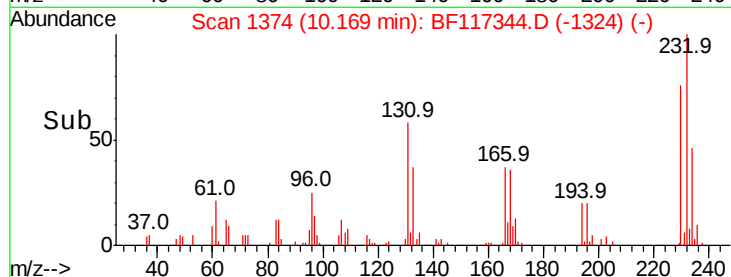
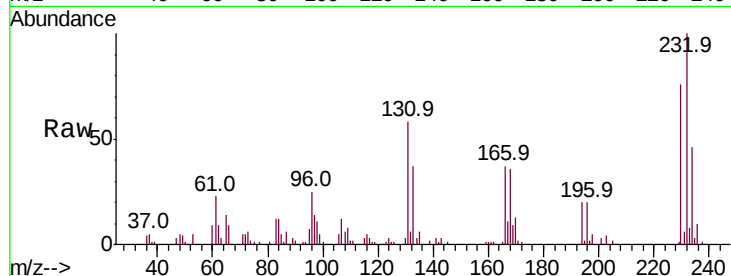




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.727 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

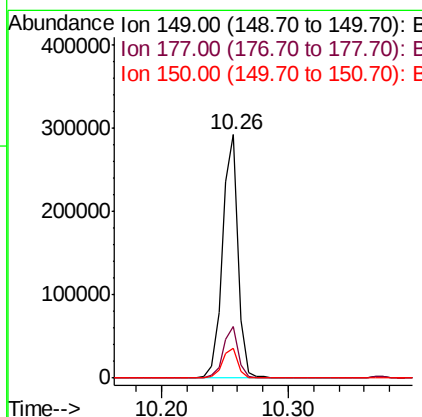
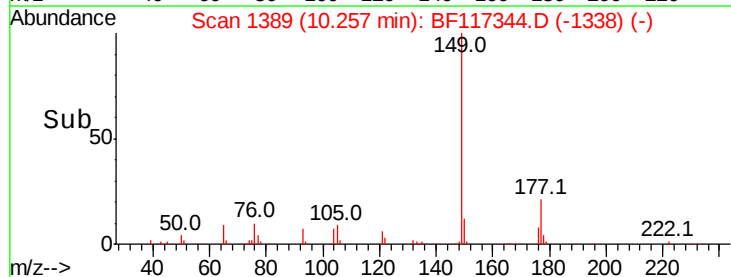
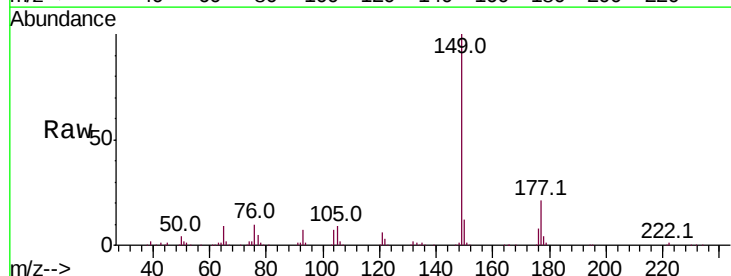
Instrument :
 BNA_F
 ClientSampleId :

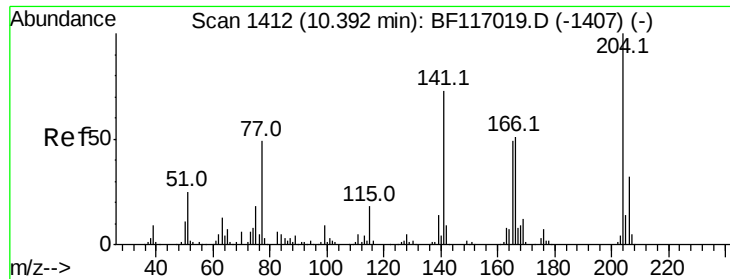
Tot Ion:232 Resp: 46186
 Ion Ratio Lower Upper
 232 100
 131 57.7 45.3 67.9
 130 2.3 1.8 2.8
 166 33.5 29.4 44.2



#60
 Diethylphthalate
 Concen: 36.379 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Tgt Ion:149 Resp: 249614
 Ion Ratio Lower Upper
 149 100
 177 21.0 15.2 22.8
 150 12.0 9.9 14.9

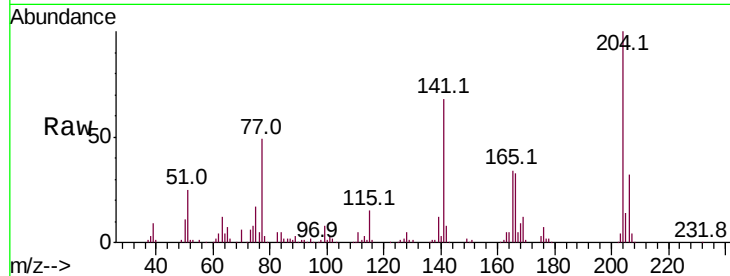




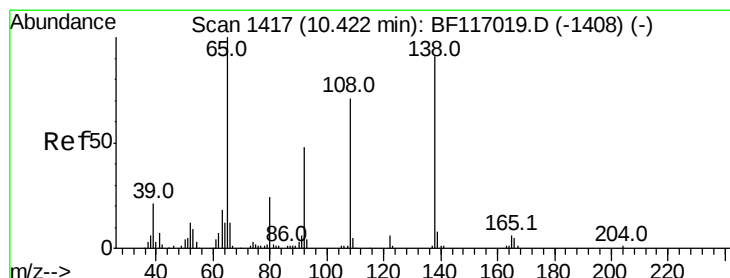
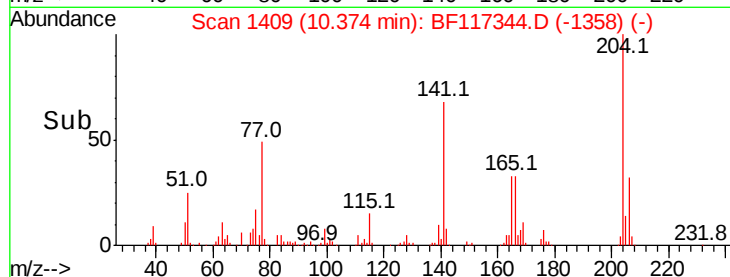
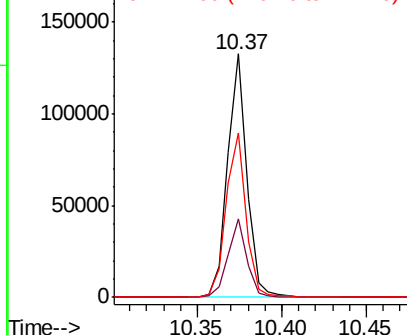
#61
4-Chlorophenyl-phenylether
Concen: 37.761 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 105143
Ion Ratio Lower Upper
204 100
206 32.1 26.0 39.0
141 67.5 58.2 87.2

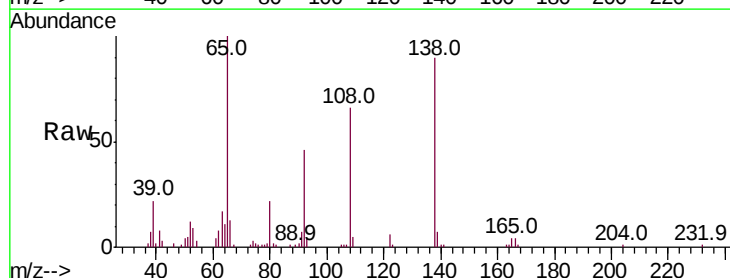


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

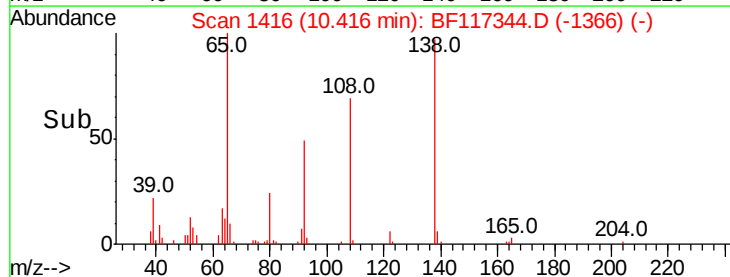
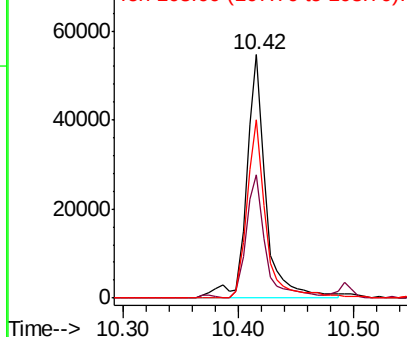


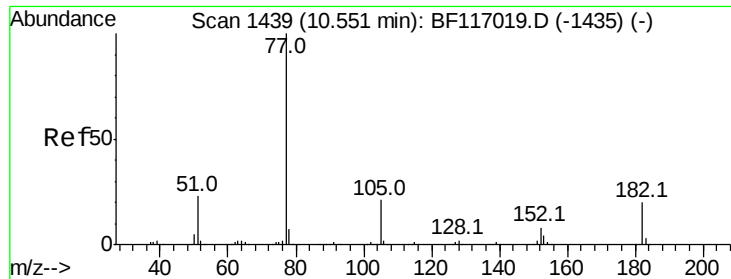
#62
4-Nitroaniline
Concen: 34.057 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion:138 Resp: 63474
Ion Ratio Lower Upper
138 100
92 50.9 32.9 72.9
108 73.2 58.3 98.3



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

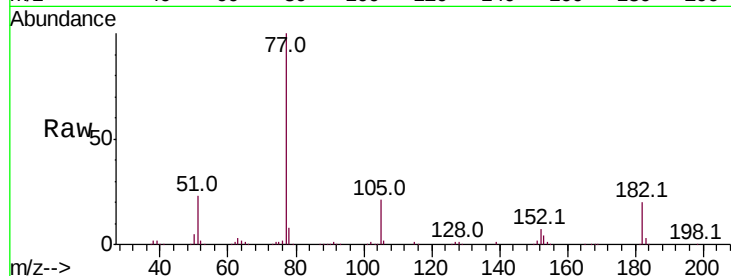




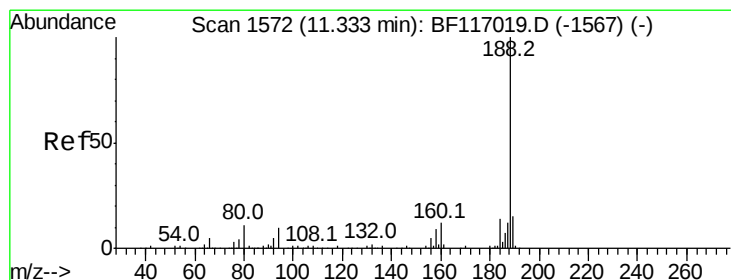
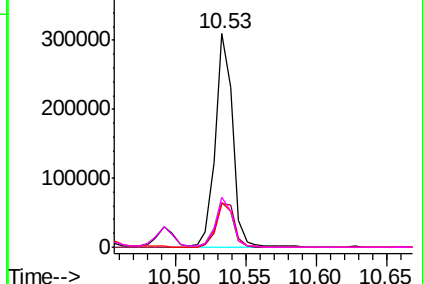
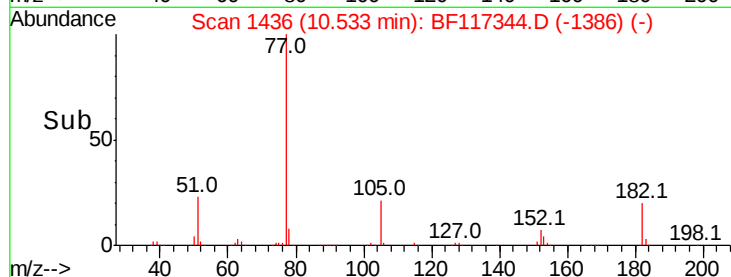
#63
Azobenzene
Concen: 37.316 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	20.3	0.4	40.4
105	21.0	0.9	40.9
51	23.4	2.8	42.8

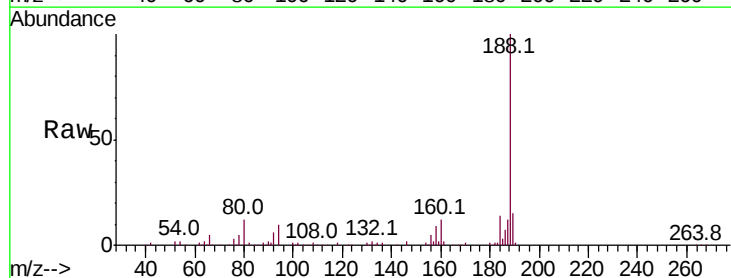


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

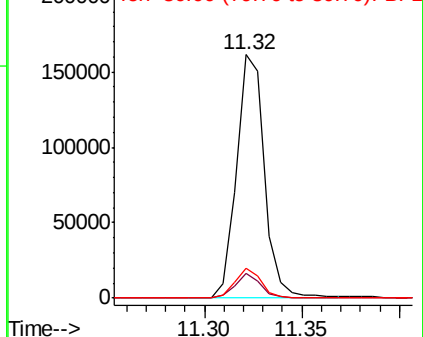
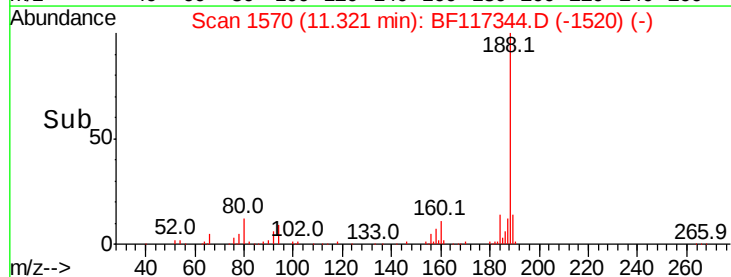


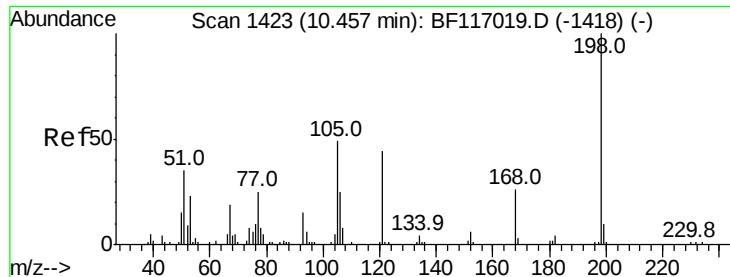
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	12.0	9.0	13.6



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

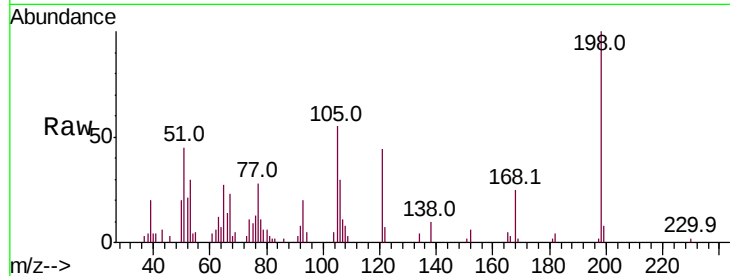




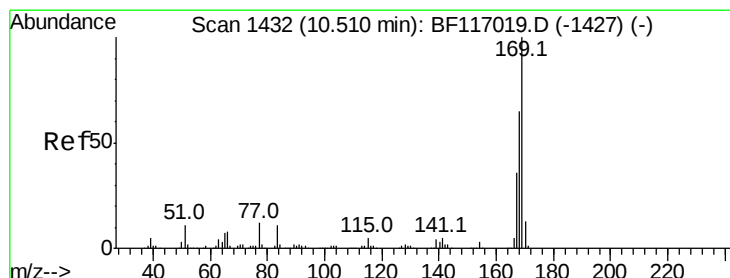
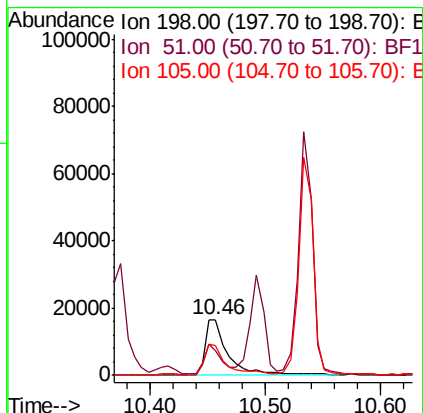
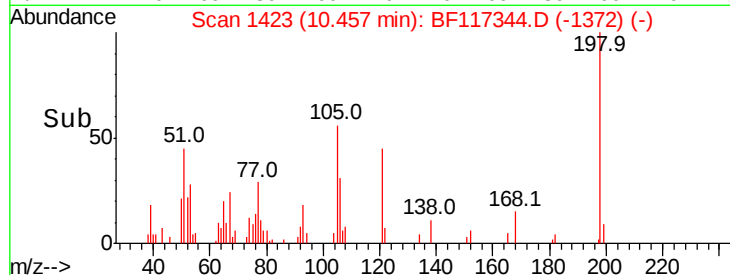
#65
4,6-Dinitro-2-methylphenol
Concen: 33.695 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 22875
Ion Ratio Lower Upper
198 100
51 44.6 18.7 58.7
105 54.7 30.2 70.2

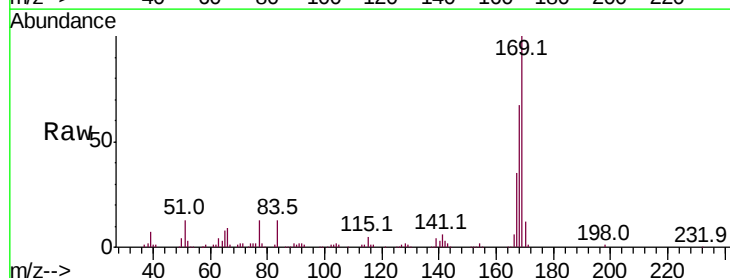


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

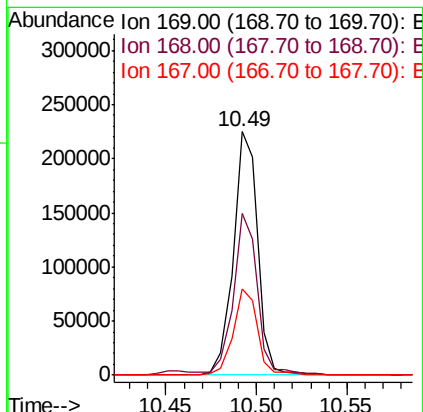
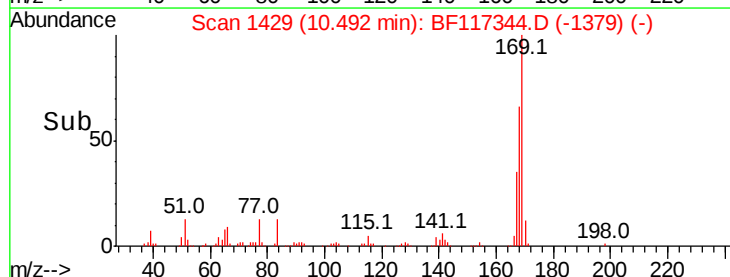


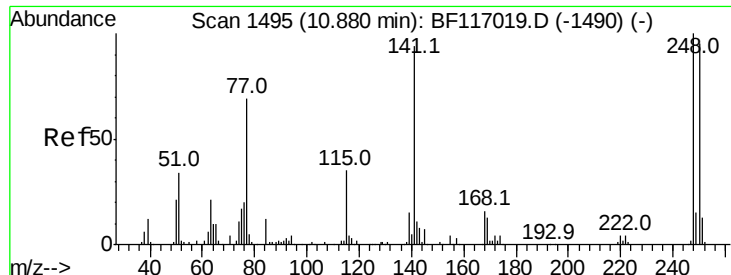
#66
n-Nitrosodiphenylamine
Concen: 37.982 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion:169 Resp: 210449
Ion Ratio Lower Upper
169 100
168 66.7 52.2 78.2
167 35.3 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

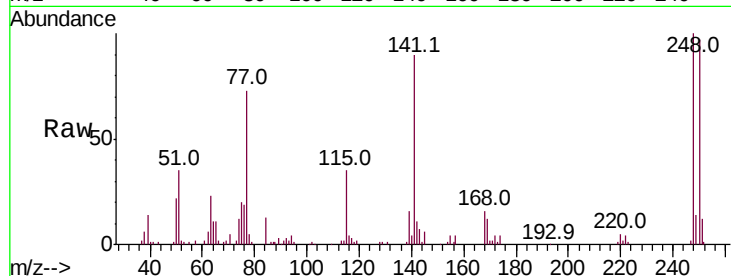




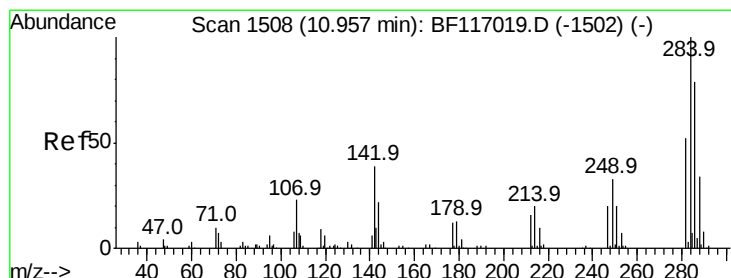
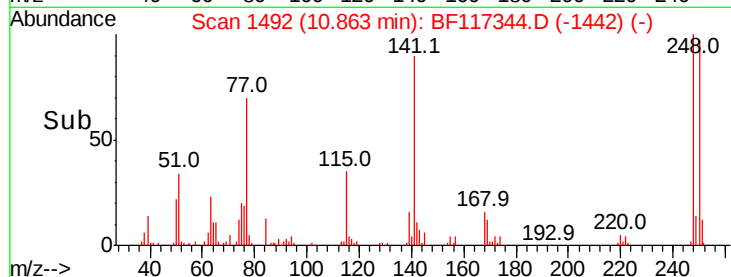
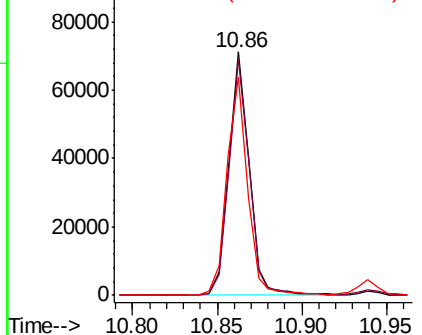
#67
4-Bromophenyl-phenylether
Concen: 36.427 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 59682
Ion Ratio Lower Upper
248 100
250 96.7 76.2 114.4
141 89.7 75.0 112.4

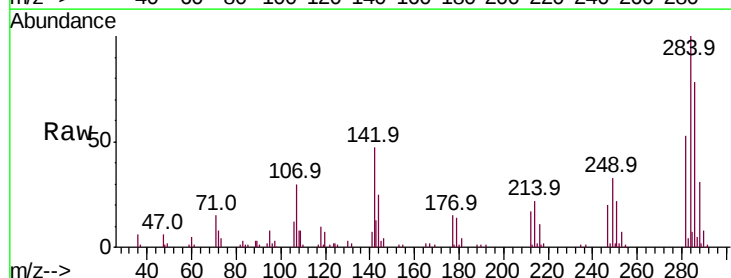


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

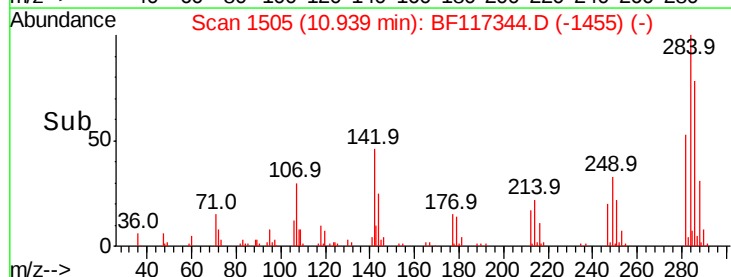
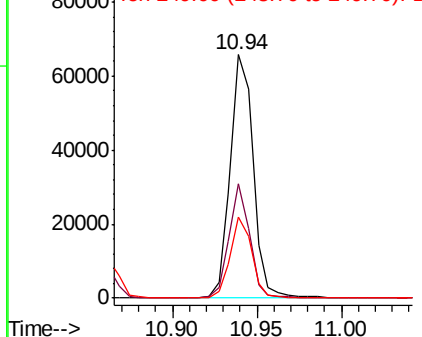


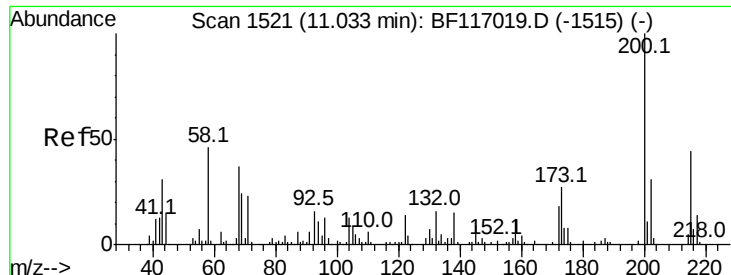
#68
Hexachlorobenzene
Concen: 34.687 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion:284 Resp: 62160
Ion Ratio Lower Upper
284 100
142 46.7 31.4 47.2
249 33.1 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

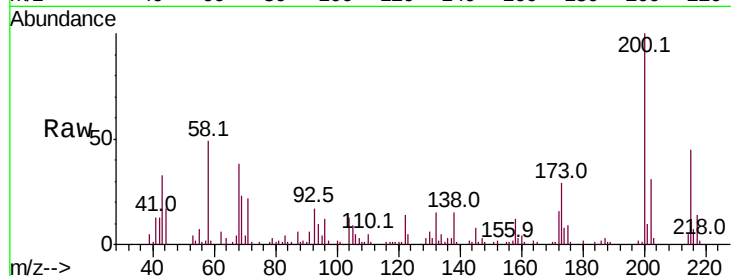




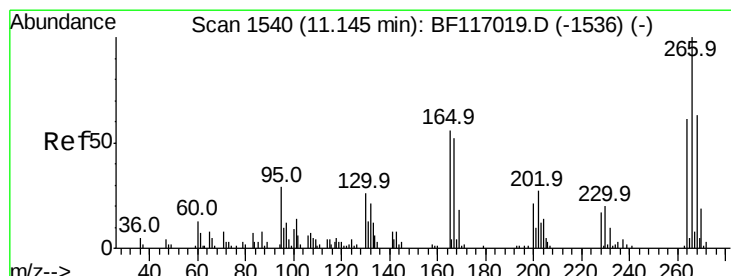
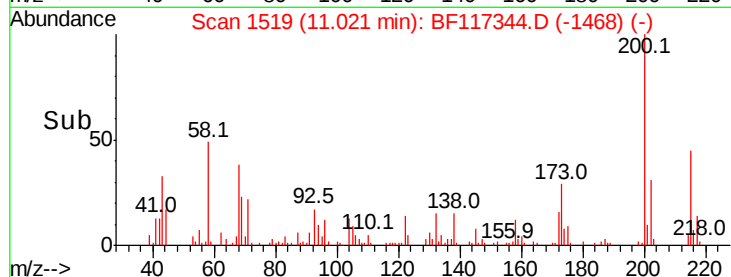
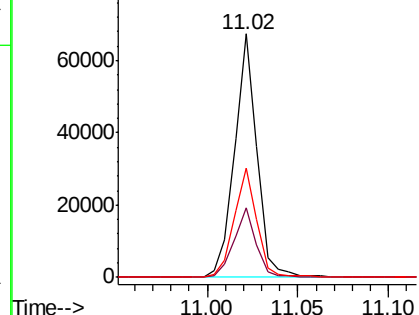
#69
 Atrazine
 Concen: 41.259 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 58165
 Ion Ratio Lower Upper
 200 100
 173 28.5 6.9 46.9
 215 44.7 23.8 63.8

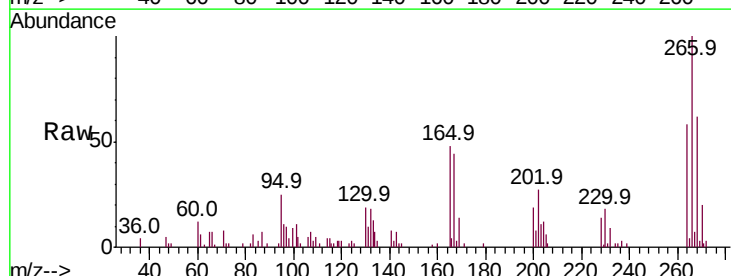


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

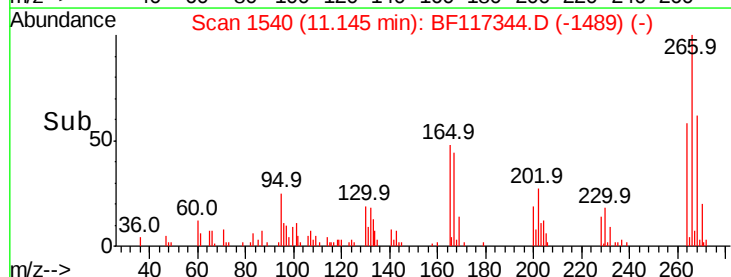
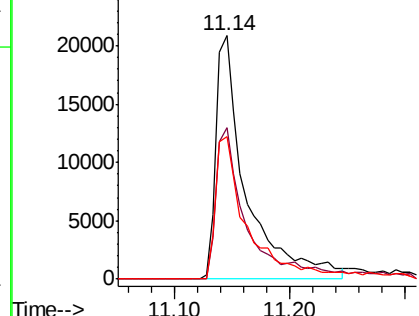


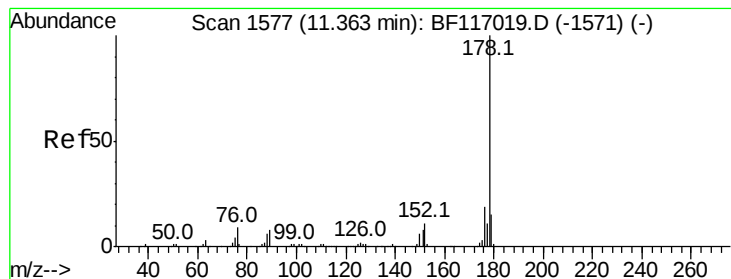
#70
 Pentachlorophenol
 Concen: 45.250 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Tgt Ion:266 Resp: 38010
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.5 75.7
 264 58.4 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: 37.276 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampleId :

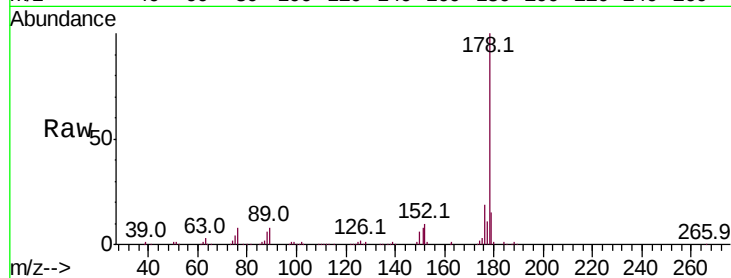
Tot Ion:178 Resp: 339675

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

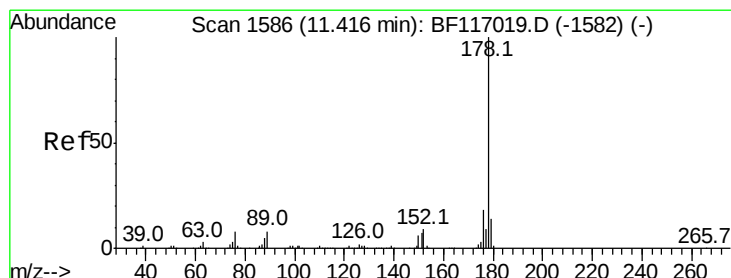
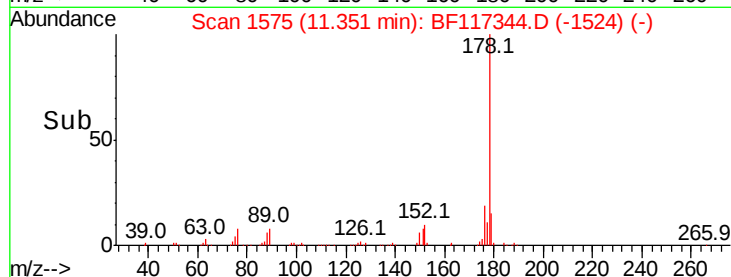
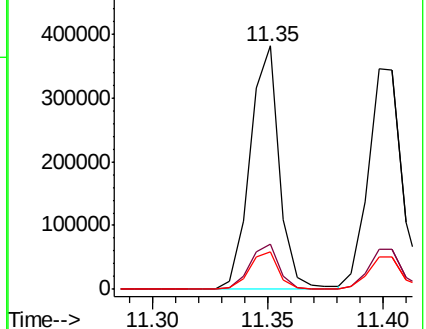
179 15.5 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.333 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

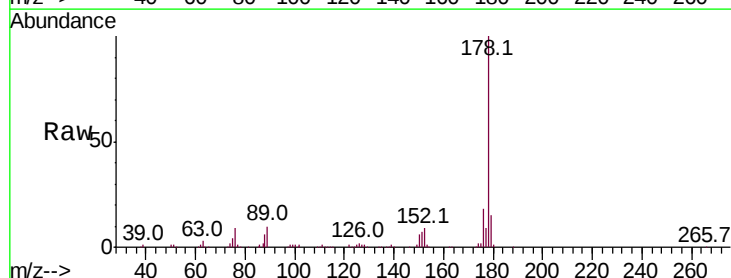
Tgt Ion:178 Resp: 365919

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

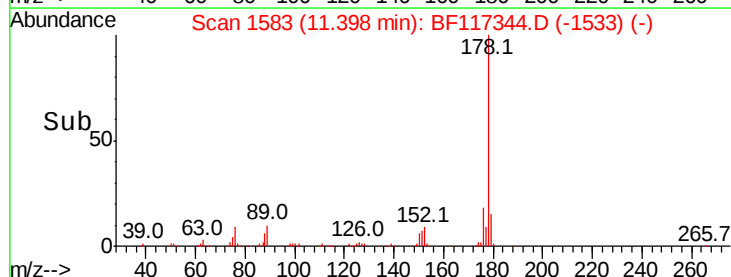
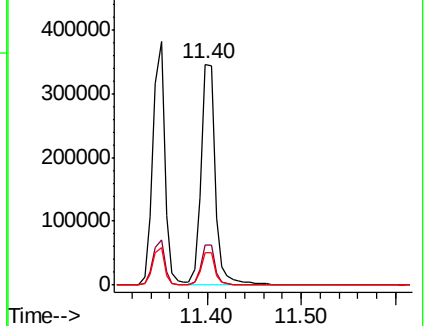
179 14.9 11.6 17.4

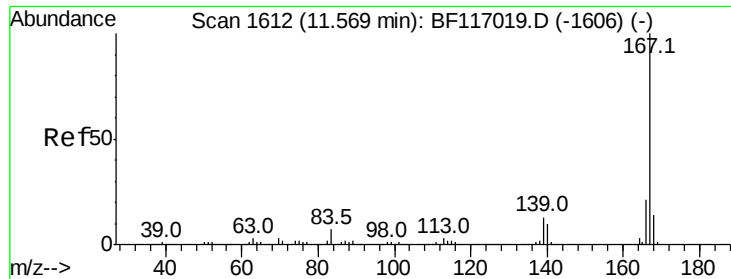


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

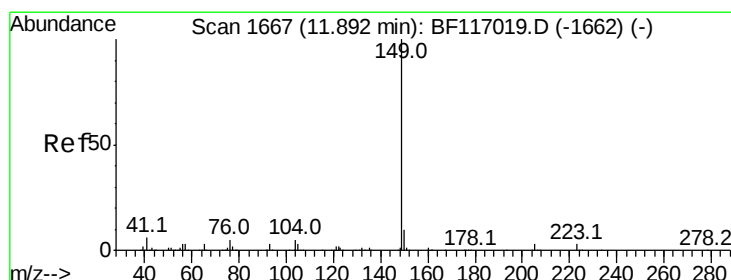
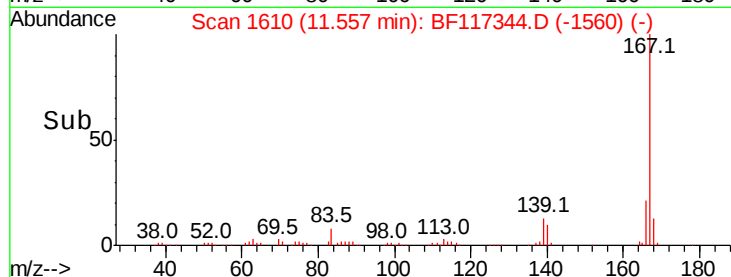
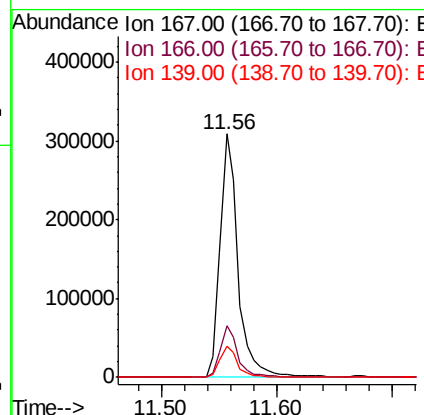
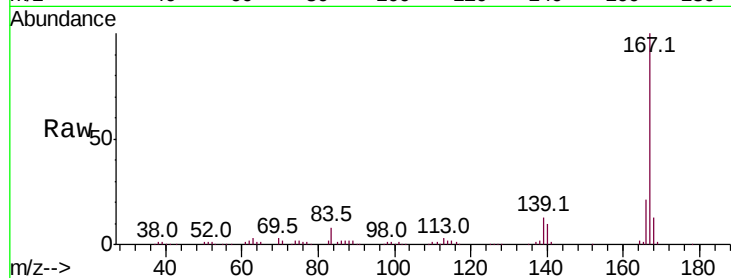




#73
 Carbazole
 Concen: 37.829 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

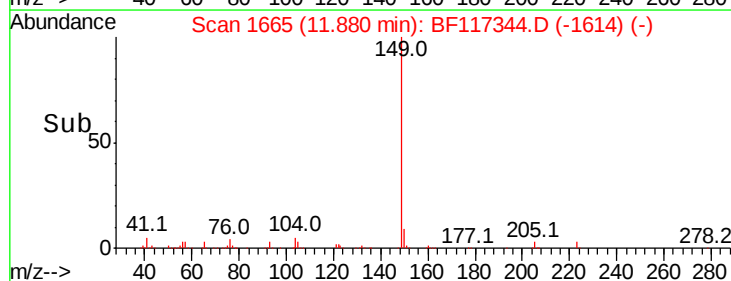
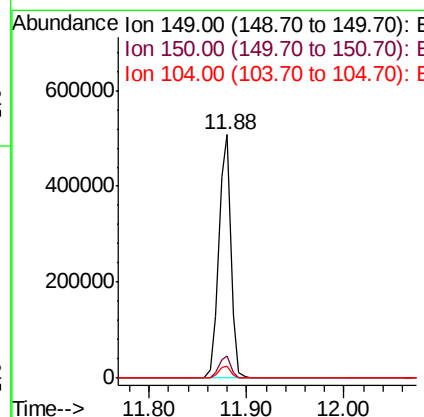
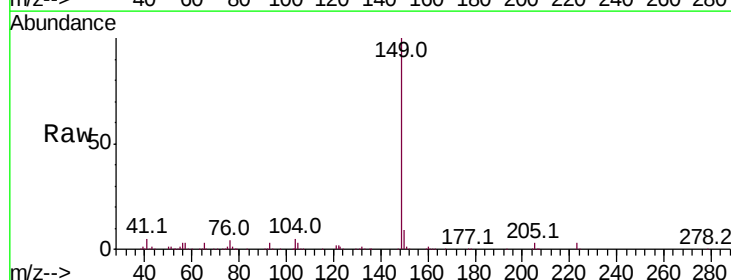
Instrument :
 BNA_F
 ClientSampleId :

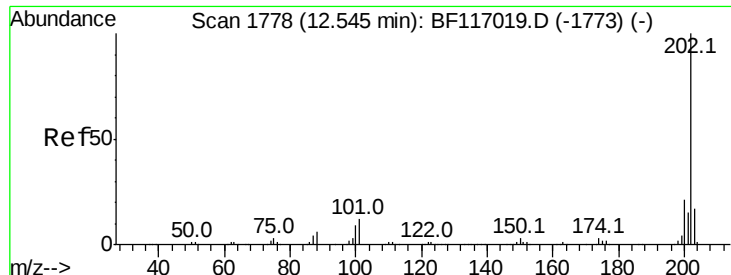
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.0	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 41.384 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF117344.D
 Acq: 8 Oct 2019 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 39.061 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampled :

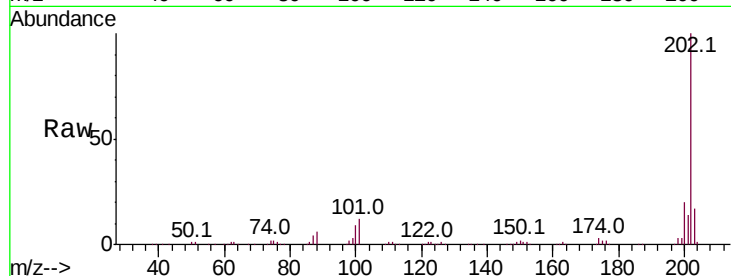
Tot Ion:202 Resp: 365730

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.3

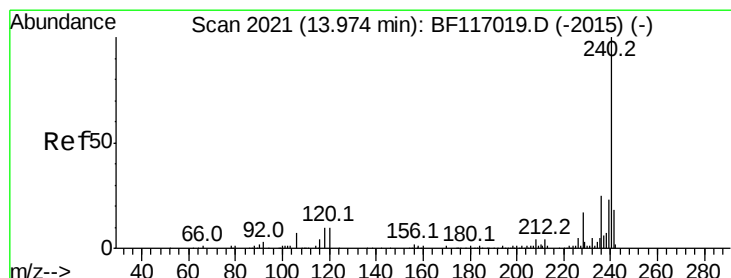
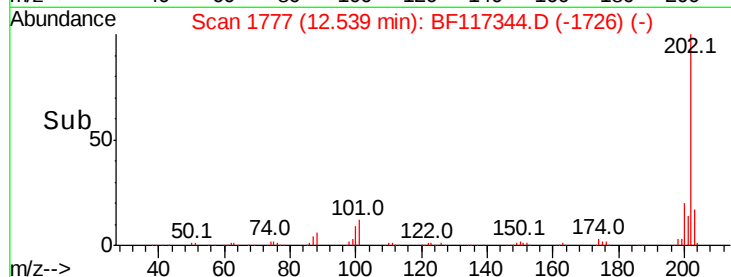
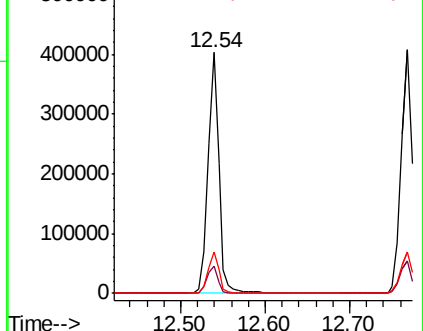
203 17.3 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

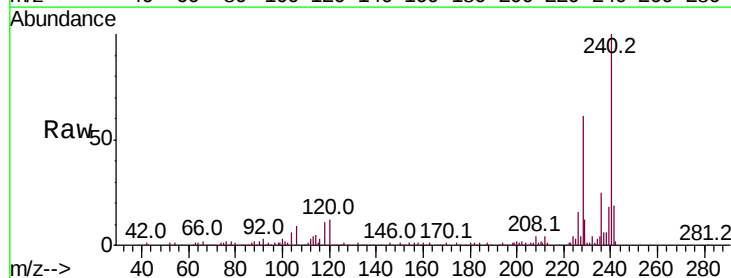
Tgt Ion:240 Resp: 125687

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

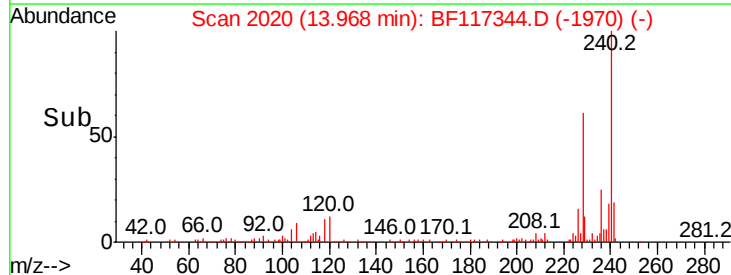
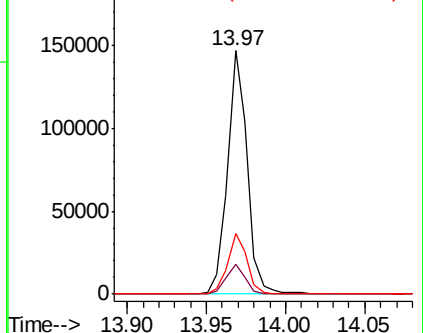
236 24.9 20.3 30.5

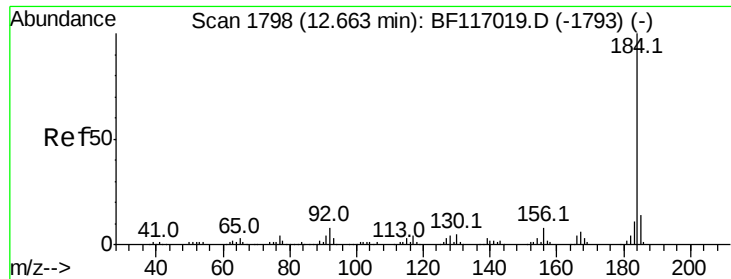


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.026 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

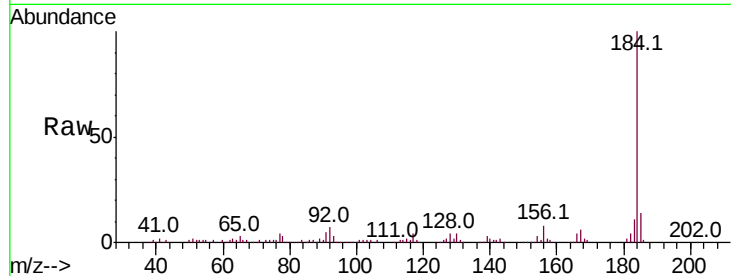
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 178247

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.6	17.4
183	10.7	9.0	13.4

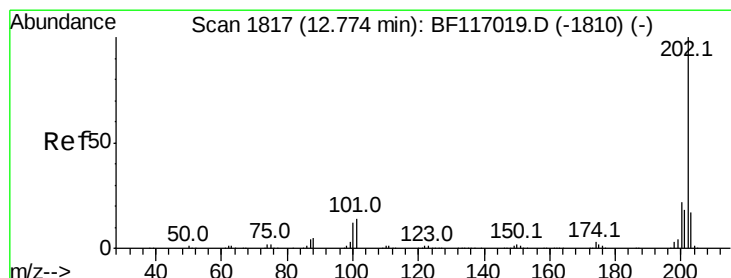
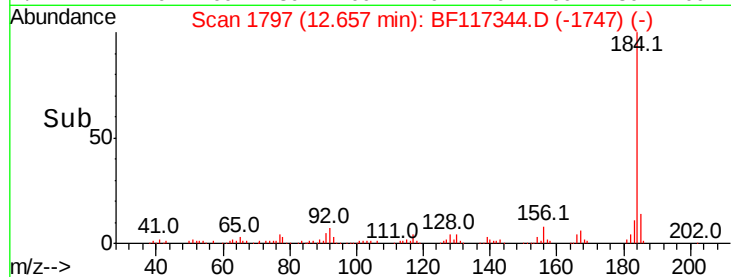
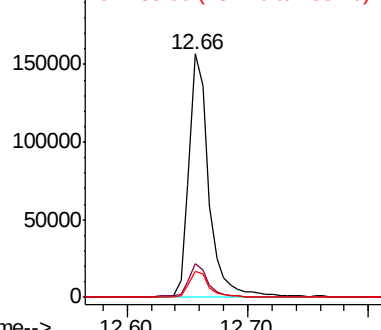


Abundance

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: 35.436 ng

RT: 12.77 min Scan# 1816

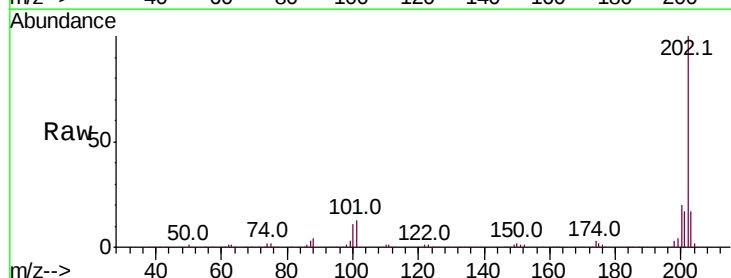
Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Tgt Ion:202 Resp: 373706

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.2	25.8
203	17.0	14.0	21.0

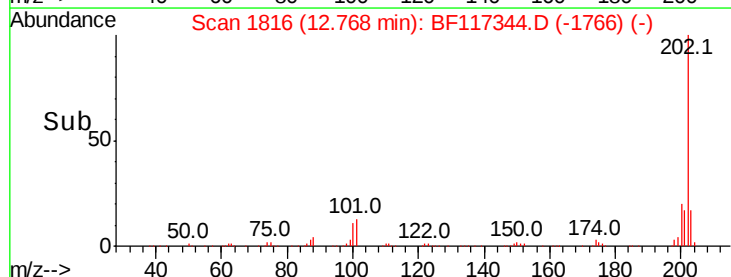
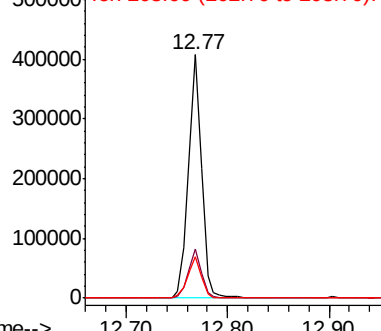


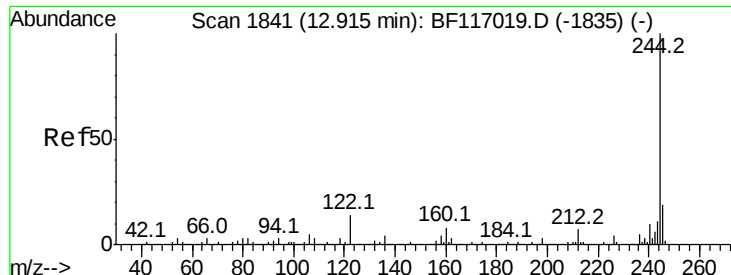
Abundance

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: 61.217 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampleId :

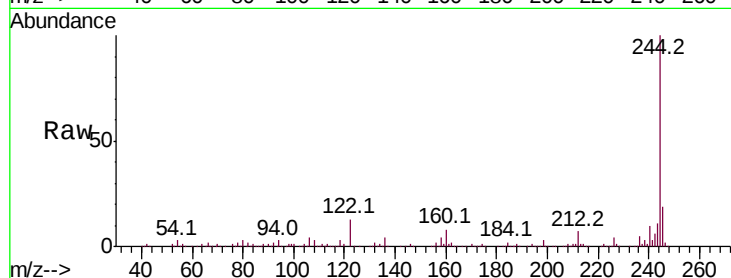
Tot Ion:244 Resp: 411625

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

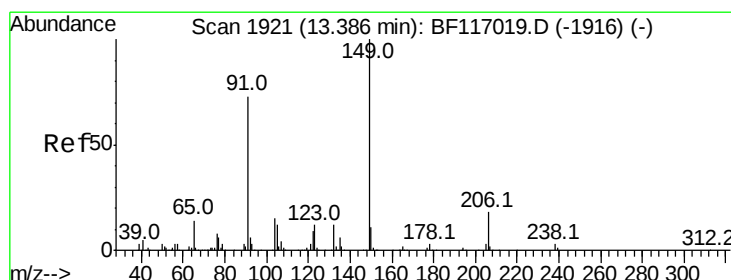
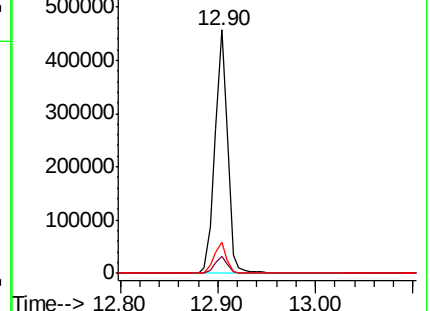
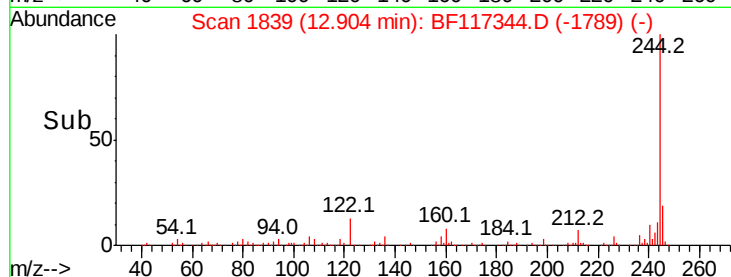
122 12.9 11.3 16.9



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: 37.790 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

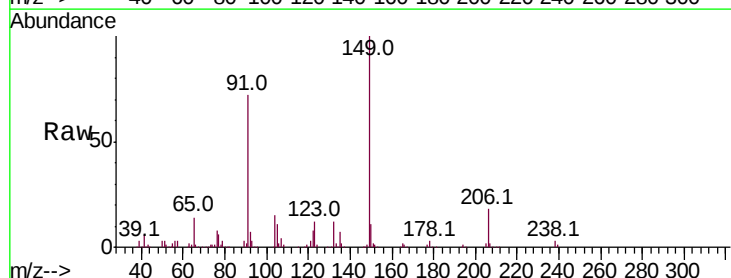
Tgt Ion:149 Resp: 188314

Ion Ratio Lower Upper

149 100

91 72.1 58.8 88.2

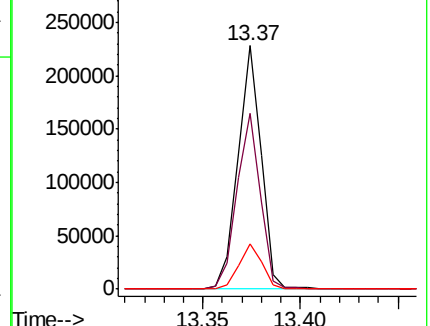
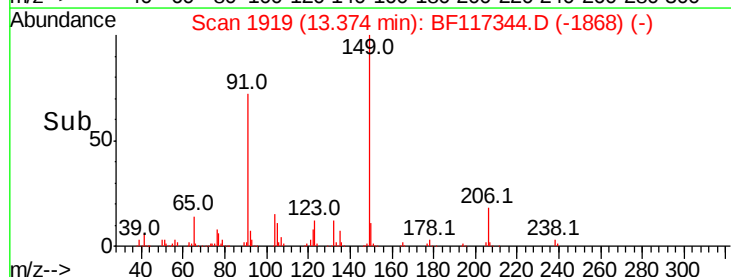
206 18.4 14.1 21.1

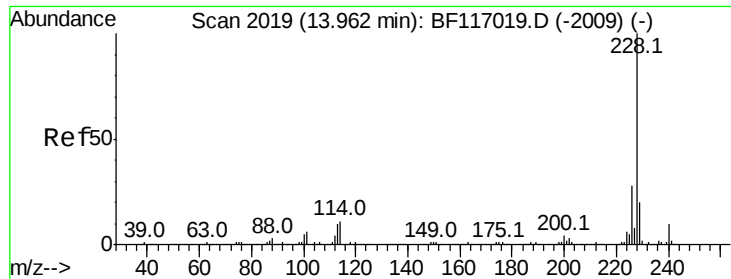


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.299 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampleId :

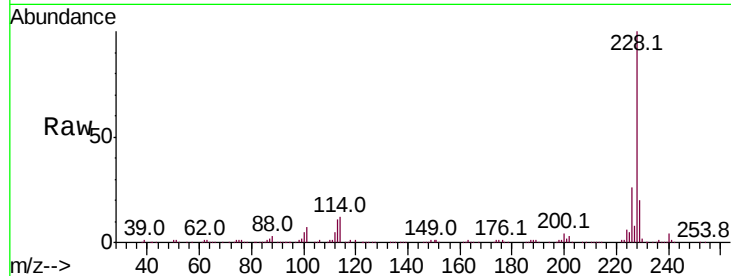
Tot Ion:228 Resp: 304818

Ion Ratio Lower Upper

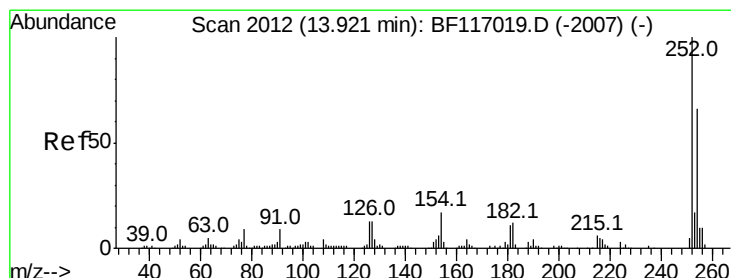
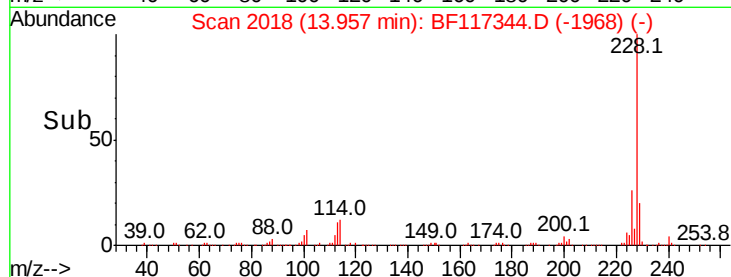
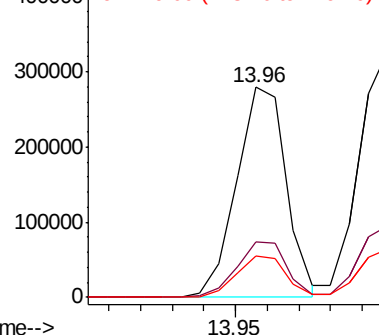
228 100

226 26.4 22.3 33.5

229 19.9 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: 16.382 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

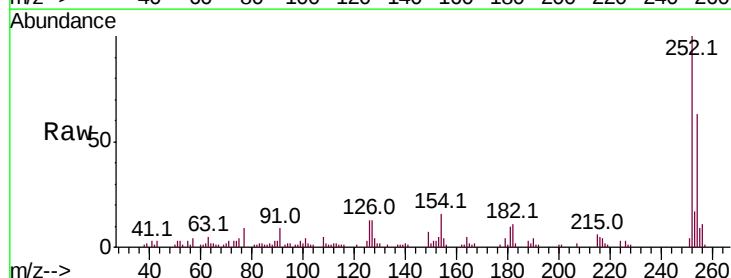
Tgt Ion:252 Resp: 44329

Ion Ratio Lower Upper

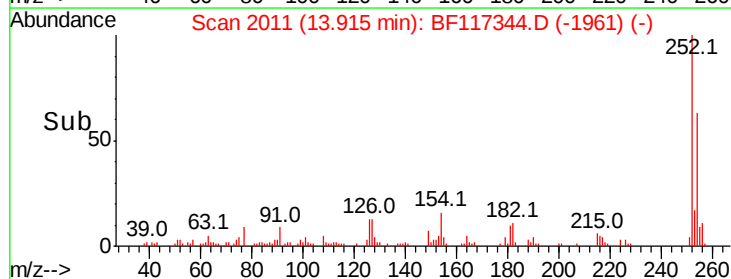
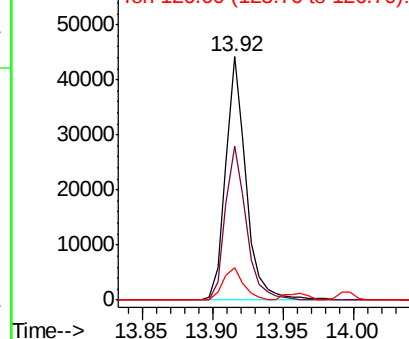
252 100

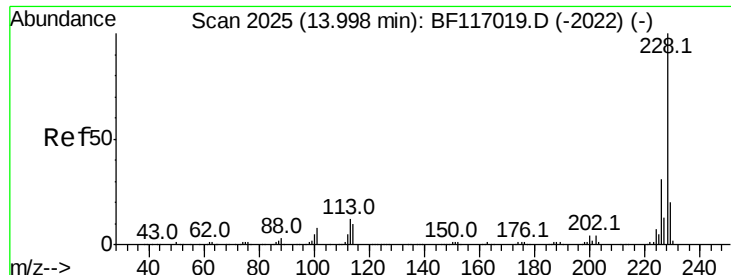
254 63.3 52.6 79.0

126 13.3 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: 36.626 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampleId :

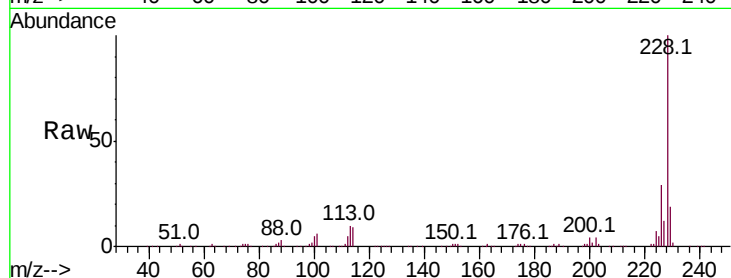
Tot Ion:228 Resp: 299971

Ion Ratio Lower Upper

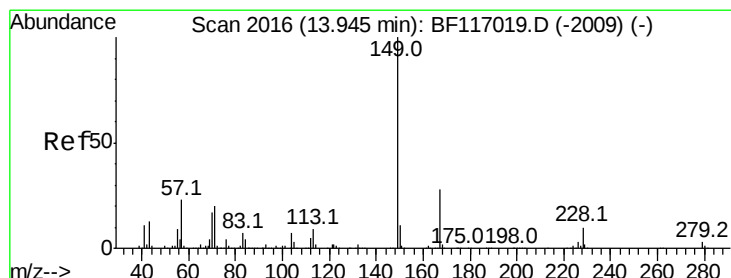
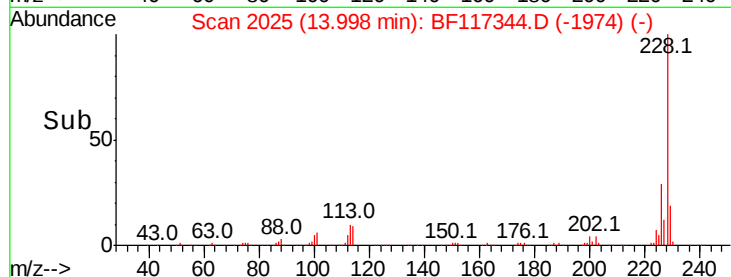
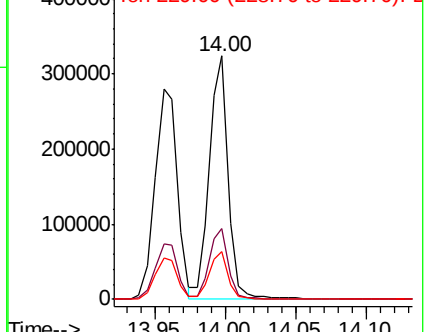
228 100

226 28.9 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: 43.137 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

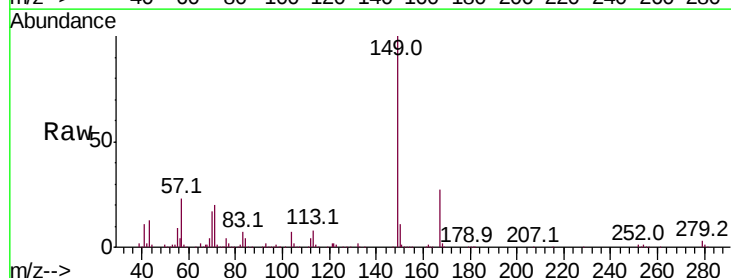
Tgt Ion:149 Resp: 277162

Ion Ratio Lower Upper

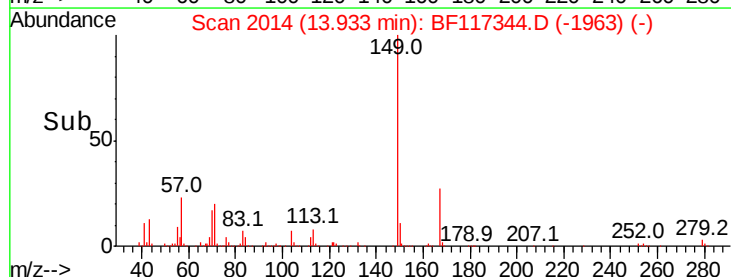
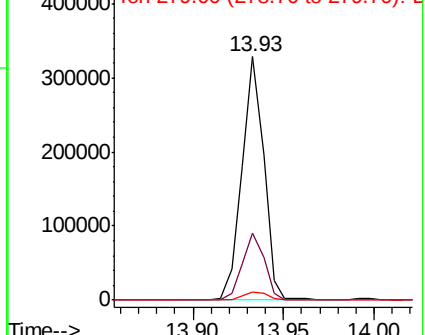
149 100

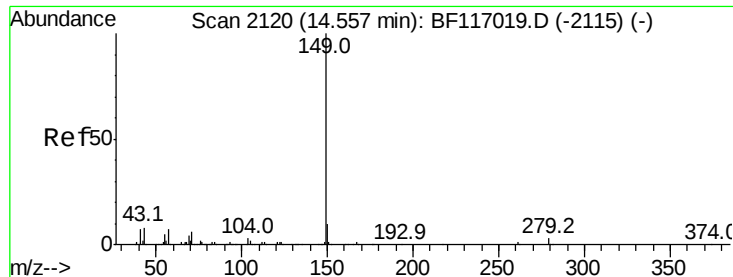
167 27.3 22.2 33.2

279 3.2 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

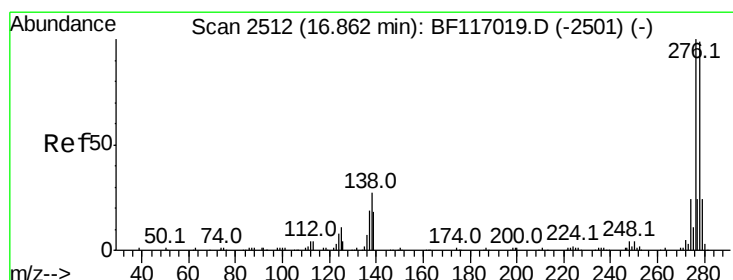
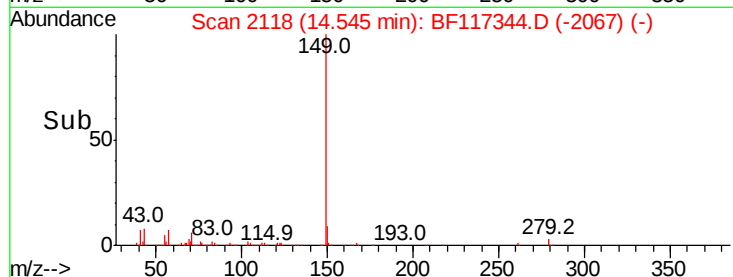
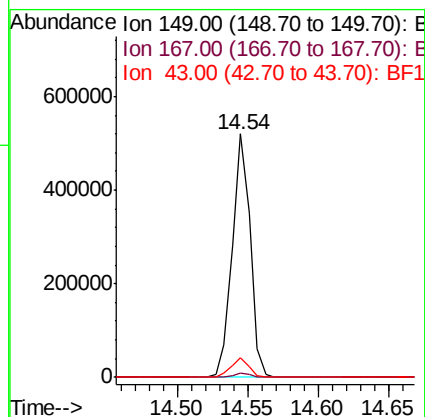
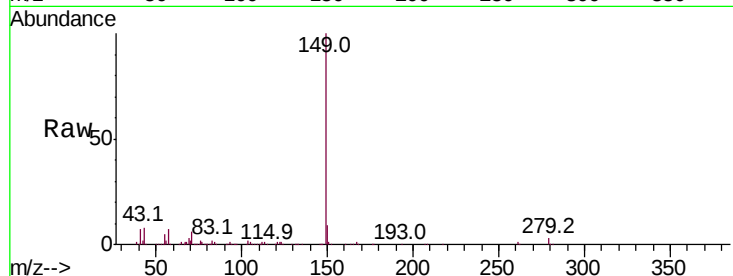




#85
Di-n-octyl phthalate
Concen: 45.463 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

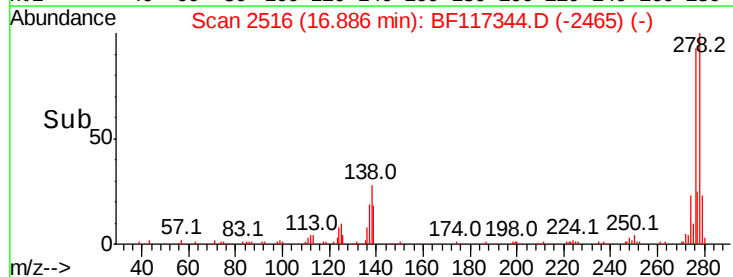
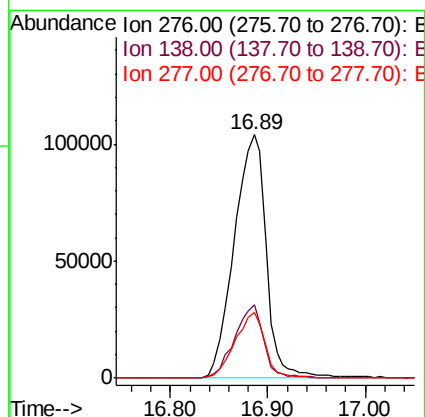
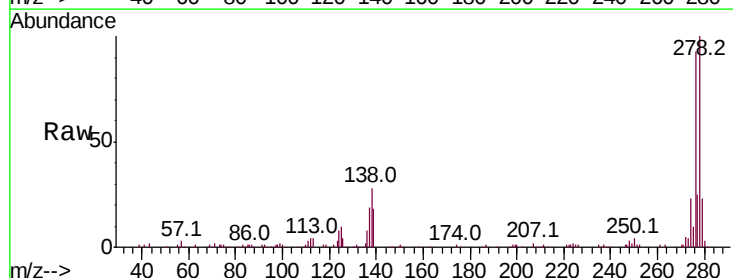
Instrument :
BNA_F
ClientSampleId :

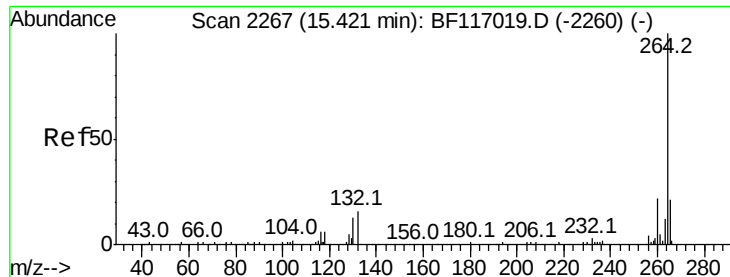
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.689 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	20.7	31.1
277	25.2	19.8	29.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

Instrument :

BNA_F

ClientSampled :

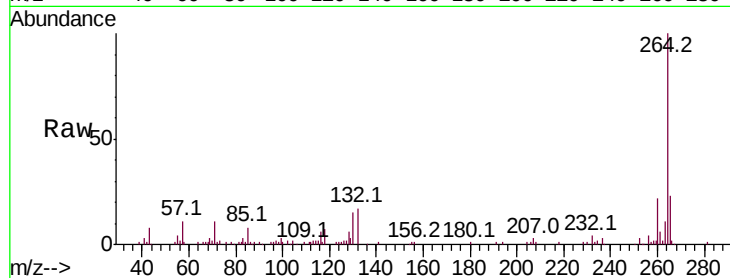
Tot Ion:264 Resp: 115783

Ion Ratio Lower Upper

264 100

260 22.3 17.6 26.4

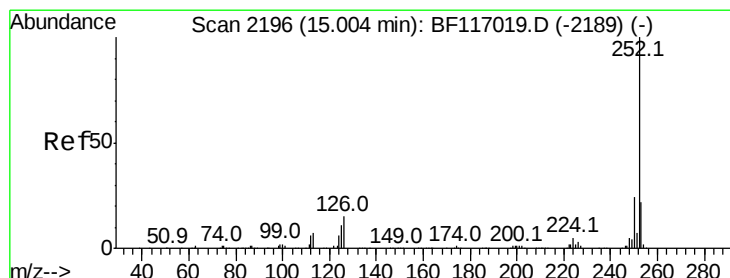
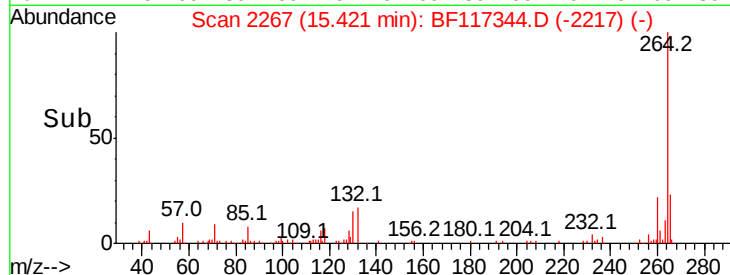
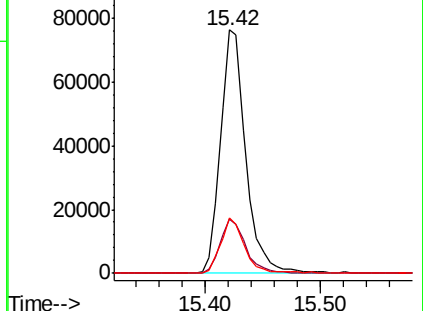
265 22.5 16.6 24.8



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: 34.649 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF117344.D

Acq: 8 Oct 2019 16:57

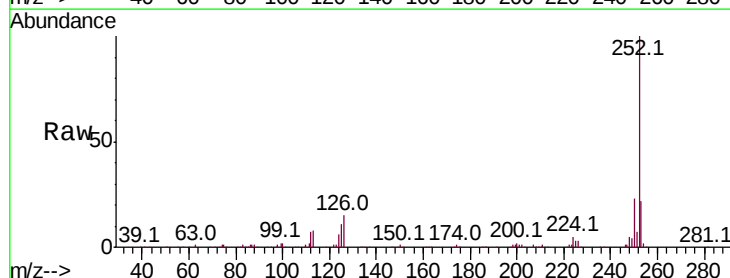
Tgt Ion:252 Resp: 243009

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

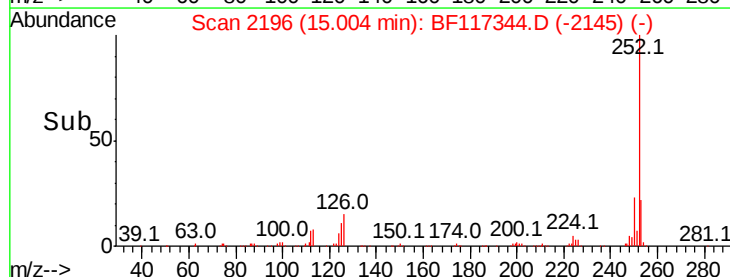
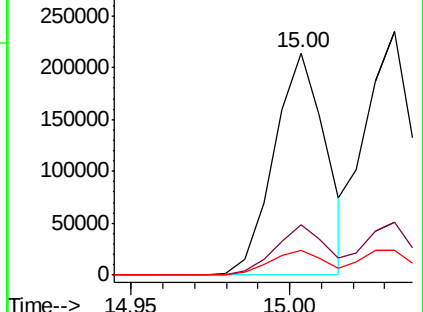
125 10.9 8.6 12.8

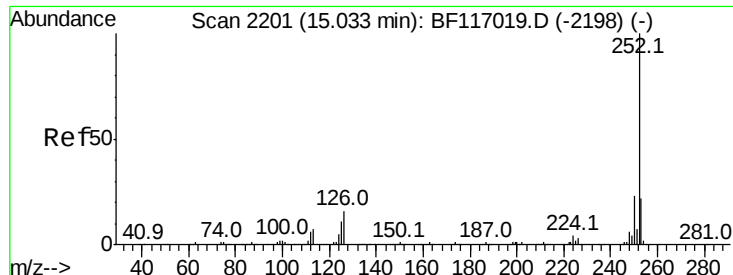


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

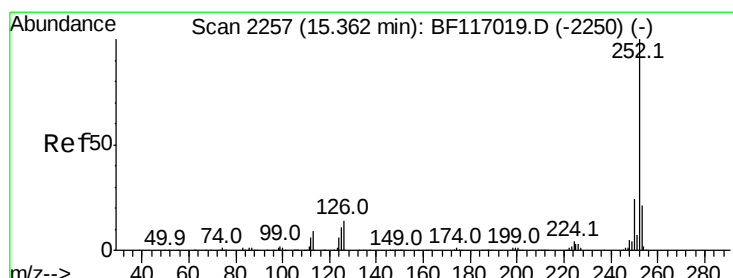
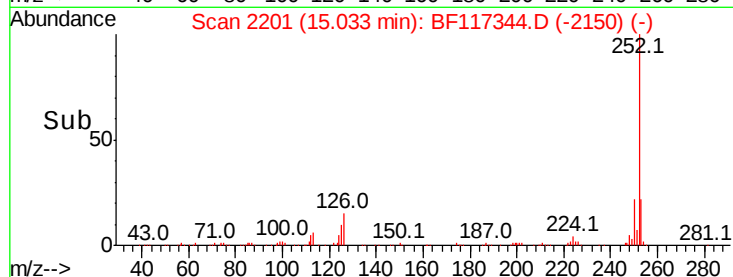
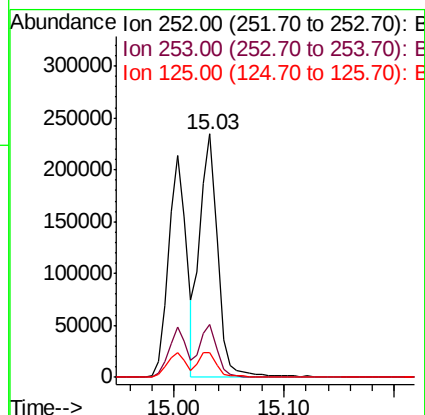
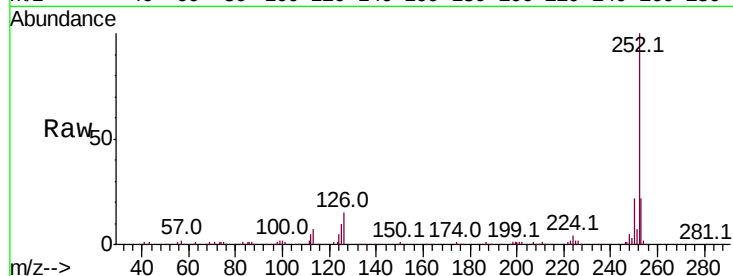




#89
Benzo(k)fluoranthene
Concen: 38.752 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

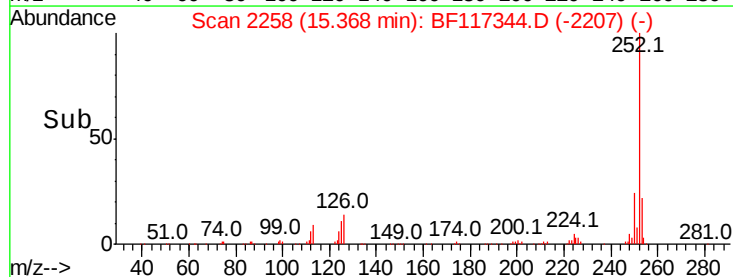
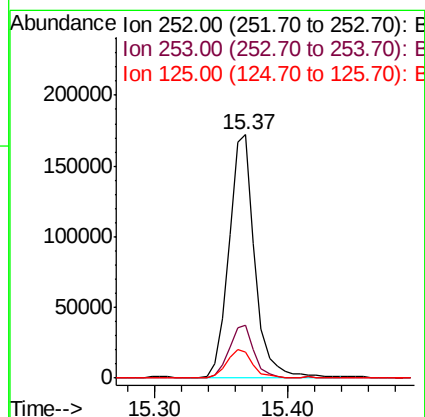
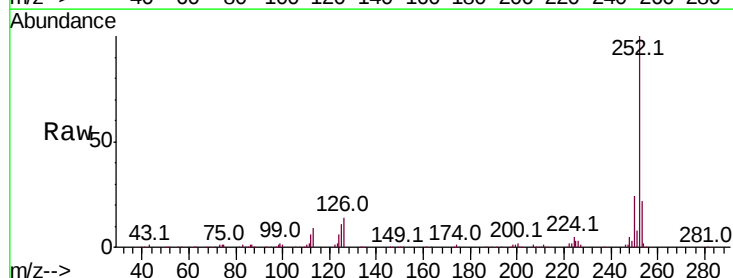
Instrument :
BNA_F
ClientSampleId :

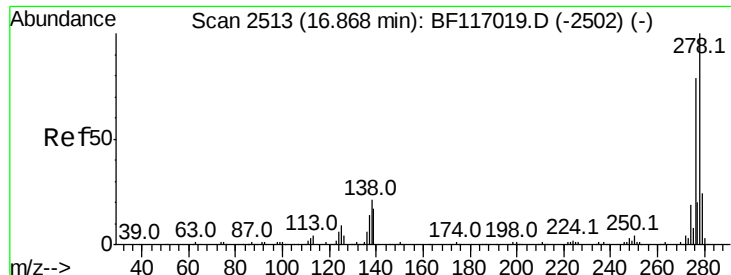
Tot Ion:252 Resp: 257452
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.3 8.8 13.2



#90
Benzo(a)pyrene
Concen: 38.090 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion:252 Resp: 234418
Ion Ratio Lower Upper
252 100
253 21.7 16.6 25.0
125 10.9 8.9 13.3

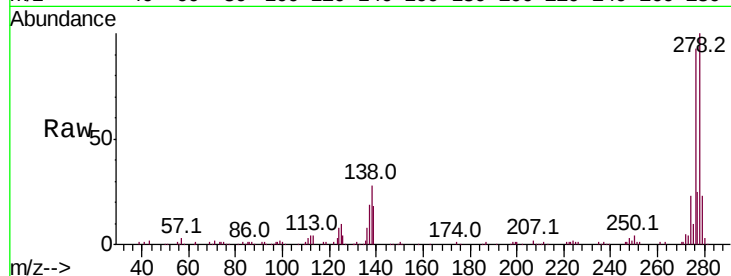




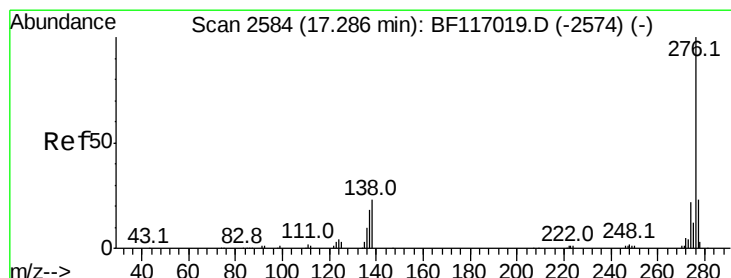
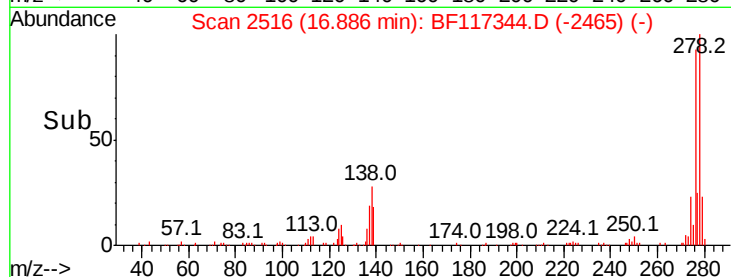
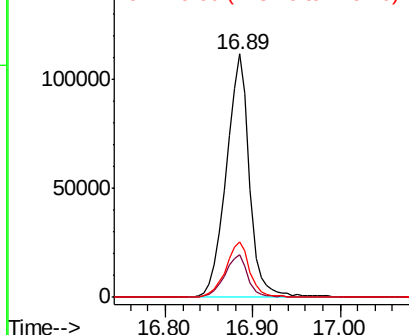
#91
Dibenzo(a,h)anthracene
Concen: 41.497 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.5	20.3
279	22.8	18.8	28.2

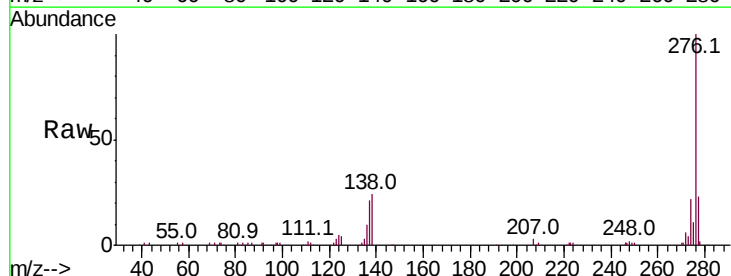


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.804 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF117344.D
Acq: 8 Oct 2019 16:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	24.2	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

