

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117019.D
 Acq On : 13 Sep 2019 13:22
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 14:49:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 14:40:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	77721	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	322004	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	163009	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	273975	20.00	ng	0.00
76) Chrysene-d12	13.97	240	206918	20.00	ng	0.00
87) Perylene-d12	15.42	264	185062	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	387628	80.80	ng	0.00
7) Phenol-d6	6.46	99	492154	78.13	ng	0.00
23) Nitrobenzene-d5	7.39	82	469838	83.30	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	104957	96.31	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	795274	82.30	ng	0.00
79) Terphenyl-d14	12.92	244	797030	71.26	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	79003	35.674	ng	100
3) Pyridine	3.30	79	222793	34.745	ng	100
4) n-Nitrosodimethylamine	3.25	42	73669	33.457	ng	100
6) Aniline	6.49	93	319305	36.596	ng	100
8) 2-Chlorophenol	6.61	128	206920	39.511	ng	100
9) Benzaldehyde	6.37	77	134197	32.335	ng	100
10) Phenol	6.47	94	273014	39.138	ng	100
11) bis(2-Chloroethyl)ether	6.56	93	195249	35.947	ng	100
12) 1,3-Dichlorobenzene	6.76	146	230941	39.017	ng	100
13) 1,4-Dichlorobenzene	6.84	146	238322	40.443	ng	100
14) 1,2-Dichlorobenzene	7.00	146	221190	40.504	ng	100
15) Benzyl Alcohol	6.96	79	191931	37.534	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	197761	31.033	ng	100
17) 2-Methylphenol	7.08	107	169801	37.038	ng	100
18) Hexachloroethane	7.33	117	90760	39.643	ng	100
19) n-Nitroso-di-n-propylamine	7.24	70	147414	35.540	ng	100
20) 3+4-Methylphenols	7.23	107	213241	40.004	ng	100
22) Acetophenone	7.23	105	306471	39.533	ng	100
24) Nitrobenzene	7.40	77	230931	40.255	ng	100
25) Isophorone	7.65	82	402063	35.177	ng	100
26) 2-Nitrophenol	7.72	139	100469	47.107	ng	100
27) 2,4-Dimethylphenol	7.76	122	156338	36.295	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	248600	35.592	ng	100
29) 2,4-Dichlorophenol	7.96	162	167346	40.427	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	177093	39.443	ng	100
31) Naphthalene	8.13	128	592407	38.690	ng	100
32) Benzoic acid	7.89	122	106754	43.894	ng	100
33) 4-Chloroaniline	8.17	127	262615	37.679	ng	100
34) Hexachlorobutadiene	8.25	225	101096	41.296	ng	100
35) Caprolactam	8.54	113	54859	35.412	ng	100
36) 4-Chloro-3-methylphenol	8.66	107	189764	39.886	ng	100
37) 2-Methylnaphthalene	8.82	142	394741	38.747	ng	100
38) 1-Methylnaphthalene	8.92	142	368950	38.364	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	160321	41.028	ng	100

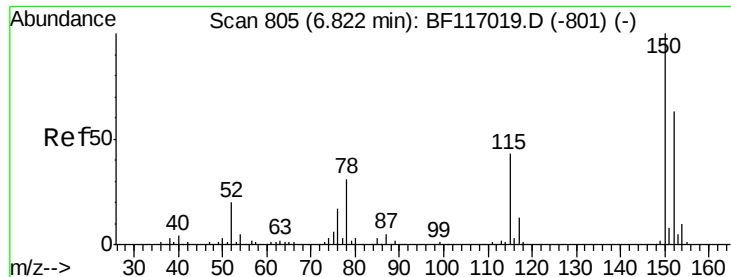
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
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 QLast Update : Fri Sep 13 14:40:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	57595	25.524	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	109187	40.762	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	114201	41.066	ng	100
46) 1,1'-Biphenyl	9.27	154	484344	39.157	ng	100
47) 2-Chloronaphthalene	9.30	162	382698	39.063	ng	100
48) 2-Nitroaniline	9.40	65	121648	42.950	ng	100
49) Acenaphthylene	9.72	152	581041	39.235	ng	100
50) Dimethylphthalate	9.57	163	439054	39.013	ng	100
51) 2,6-Dinitrotoluene	9.64	165	89439	41.654	ng	100
52) Acenaphthene	9.89	154	343291	37.727	ng	100
53) 3-Nitroaniline	9.81	138	114323	42.485	ng	100
54) 2,4-Dinitrophenol	9.92	184	30296	48.027	ng	100
55) Dibenzofuran	10.06	168	504674	39.343	ng	100
56) 4-Nitrophenol	9.97	139	74659	40.464	ng	100
57) 2,4-Dinitrotoluene	10.05	165	119119	45.370	ng	100
58) Fluorene	10.40	166	408032	41.746	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	91857	45.768	ng	100
60) Diethylphthalate	10.27	149	434991	38.586	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	178829	41.782	ng	100
62) 4-Nitroaniline	10.42	138	119363	45.708	ng	100
63) Azobenzene	10.55	77	442450	37.640	ng	100
65) 4,6-Dinitro-2-methylphenol	10.46	198	42535	45.970	ng	100
66) n-Nitrosodiphenylamine	10.51	169	351576	37.095	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	104631	37.593	ng	100
68) Hexachlorobenzene	10.96	284	112358	38.585	ng	100
69) Atrazine	11.03	200	94583	35.632	ng	100
70) Pentachlorophenol	11.15	266	54086	38.395	ng	100
71) Phenanthrene	11.36	178	588075	38.559	ng	100
72) Anthracene	11.42	178	601776	39.197	ng	100
73) Carbazole	11.57	167	576614	39.429	ng	100
74) Di-n-butylphthalate	11.89	149	683305	36.447	ng	100
75) Fluoranthene	12.54	202	611137	40.775	ng	100
77) Benzidine	12.66	184	255628	31.497	ng	100
78) Pyrene	12.77	202	617649	33.580	ng	100
80) Butylbenzylphthalate	13.39	149	296172	33.111	ng	100
81) Benzo(a)anthracene	13.96	228	511678	39.072	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	166791	37.687	ng	100
83) Chrysene	14.00	228	497140	36.847	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	382327	34.626	ng	100
85) Di-n-octyl phthalate	14.56	149	619147	34.265	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	328622	30.324	ng	100
88) Benzo(b)fluoranthene	15.00	252	407456	36.417	ng	100
89) Benzo(k)fluoranthene	15.03	252	414236	40.606	ng	100
90) Benzo(a)pyrene	15.36	252	369230	37.931	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	266121	31.233	ng	100
92) Benzo(g,h,i)perylene	17.29	276	261023	30.038	ng	100

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

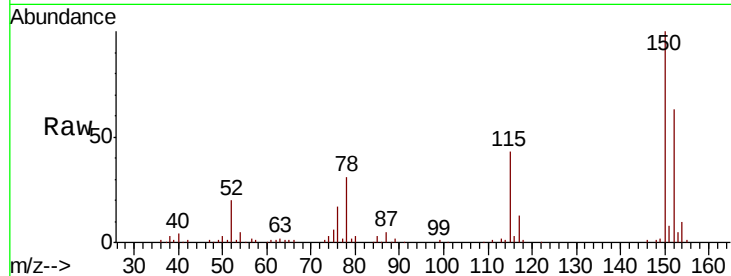


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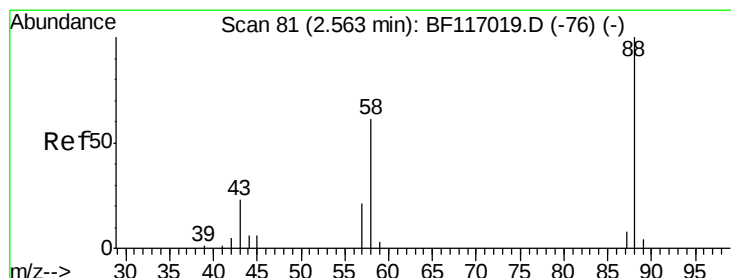
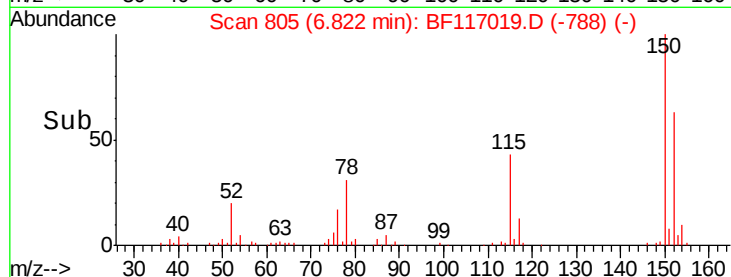
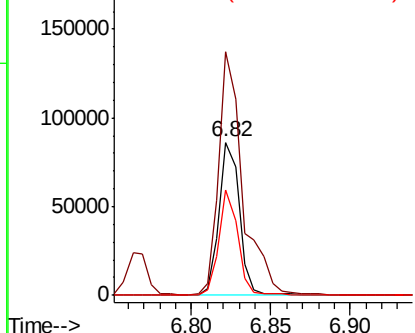
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77721
Ion Ratio Lower Upper
152 100
150 159.4 127.5 191.3
115 68.7 55.0 82.4



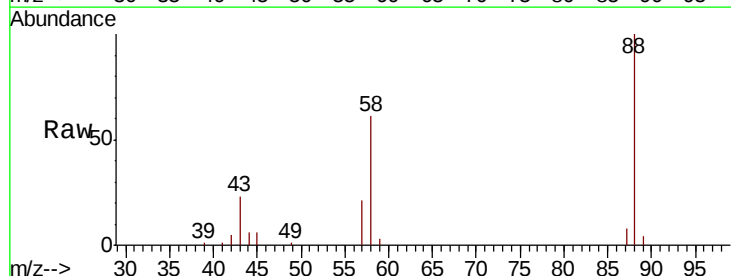
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



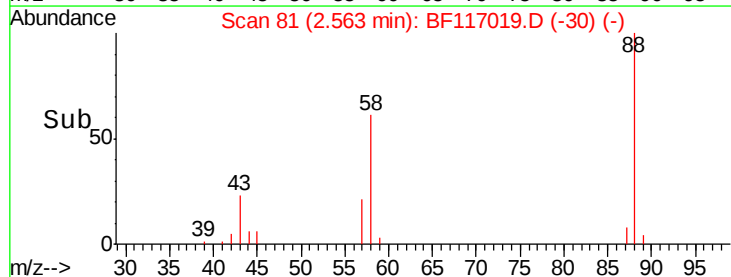
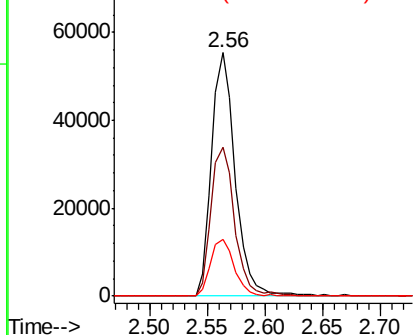
#2

1,4-Dioxane
Concen: 35.674 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion: 88 Resp: 79003
Ion Ratio Lower Upper
88 100
58 61.6 49.3 73.9
43 23.5 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

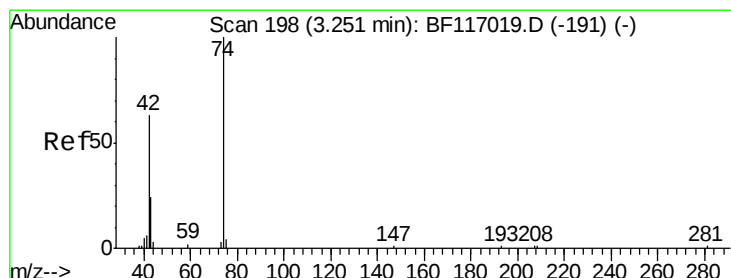
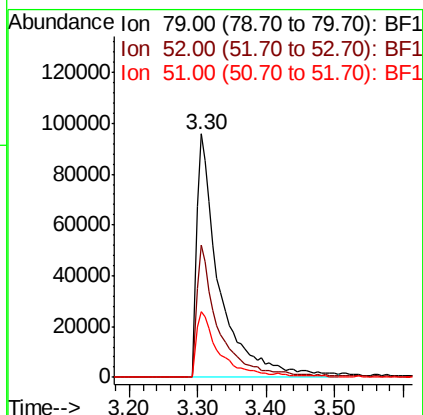
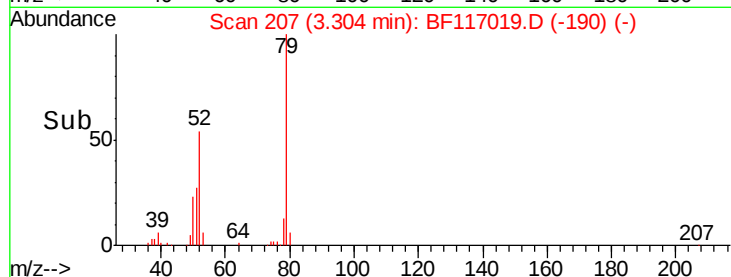
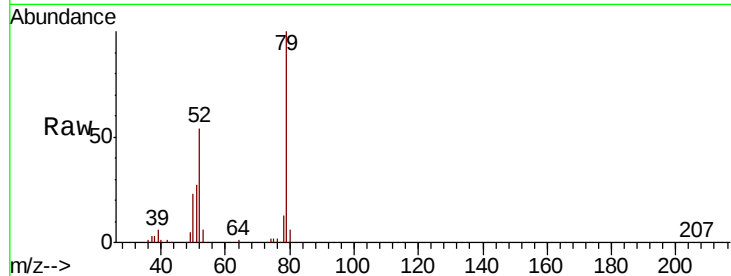




#3
 Pvridine
 Concen: 34.745 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

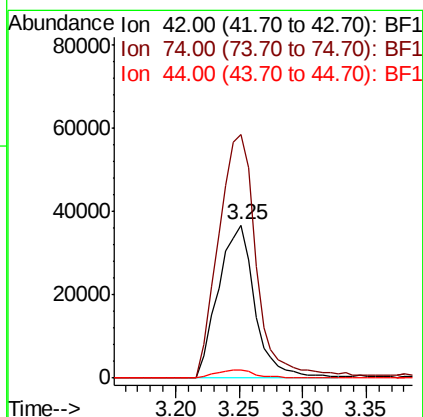
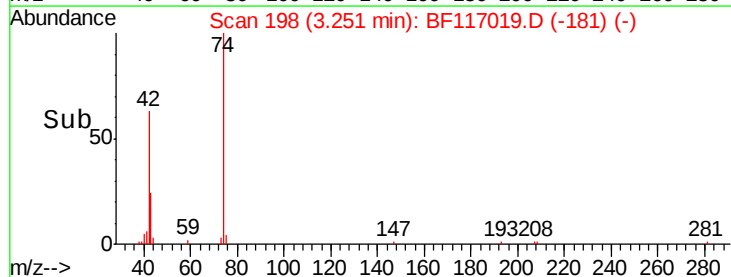
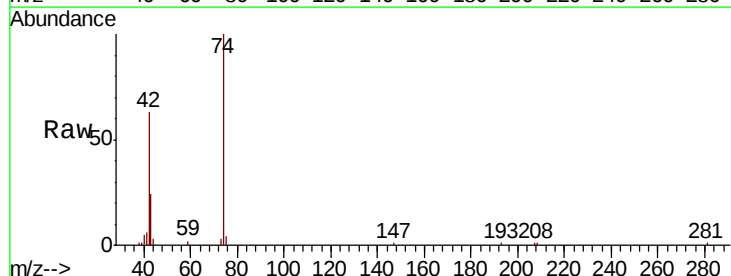
Instrument :
 BNA_F
 ClientSampleId :

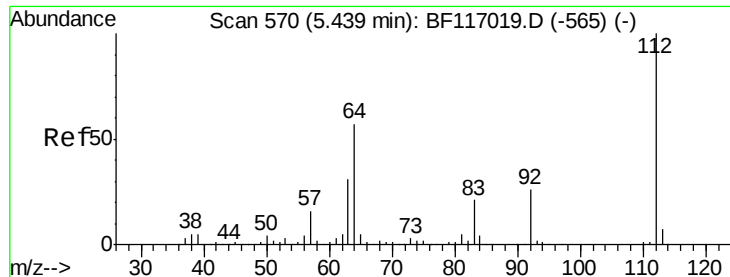
Tot Ion	Ratio	Lower	Upper
79	100		
52	54.4	43.5	65.3
51	27.2	21.8	32.6



#4
 n-Nitrosodimethylamine
 Concen: 33.457 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.9	127.1	190.7
44	5.4	4.3	6.5





#5

2-Fluorophenol

Concen: 80.799 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :
BNA_F
ClientSampleId :

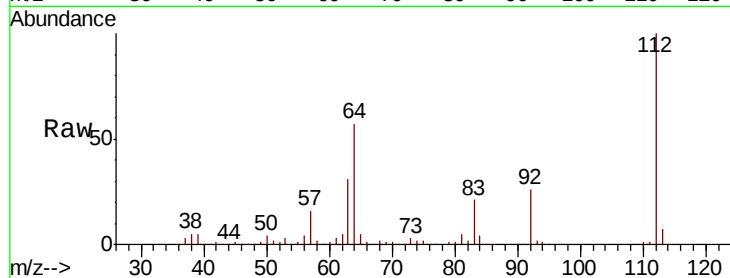
Tot Ion:112 Resp: 387628

Ion Ratio Lower Upper

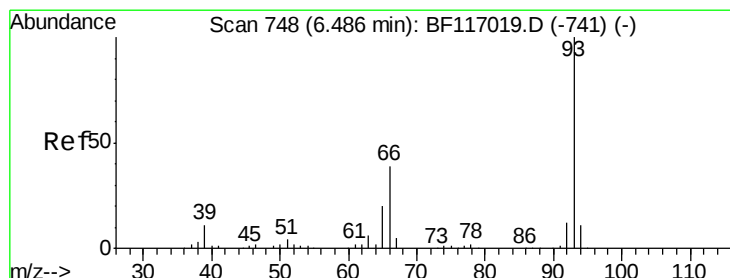
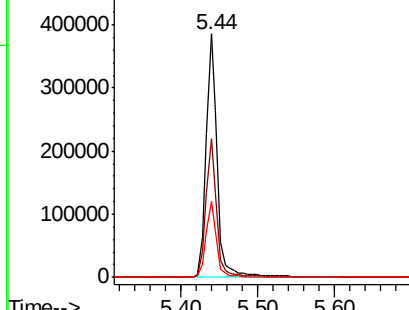
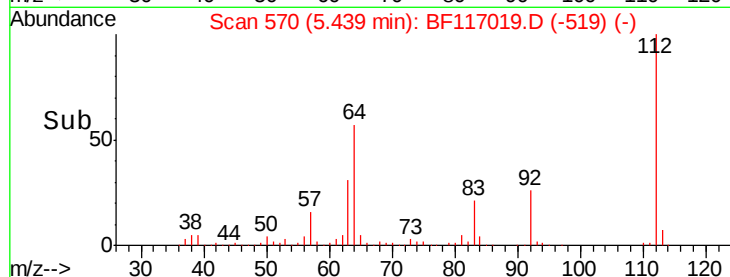
112 100

64 57.1 45.7 68.5

63 31.1 24.9 37.3



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



#6

Aniline

Concen: 36.596 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

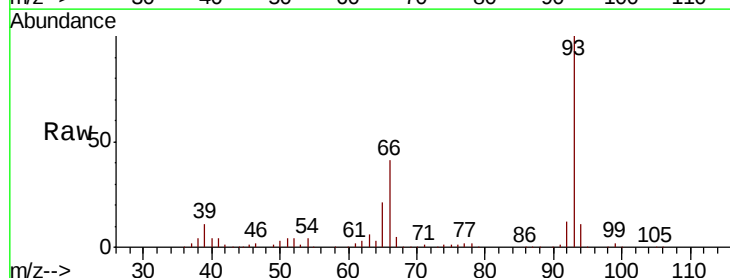
Tgt Ion: 93 Resp: 319305

Ion Ratio Lower Upper

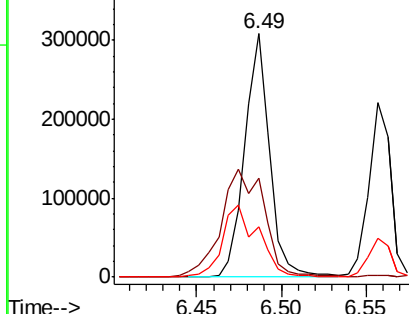
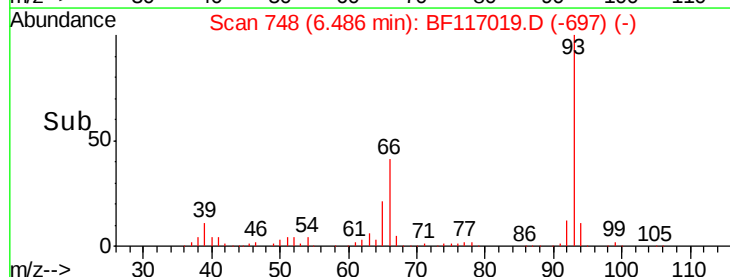
93 100

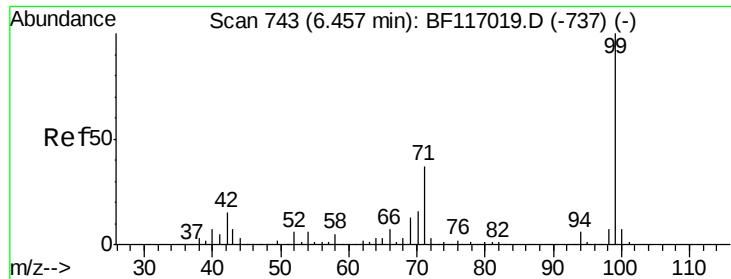
66 40.8 32.6 49.0

65 20.9 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: 78.125 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampleId :

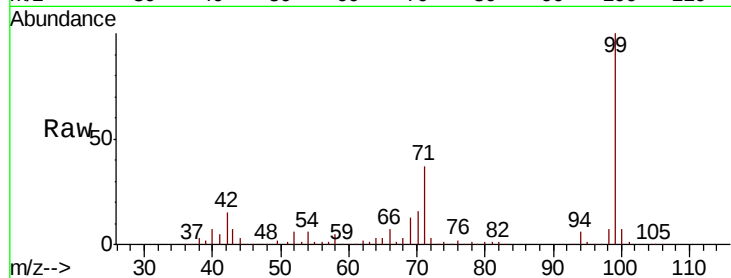
Tot Ion: 99 Resp: 492154

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

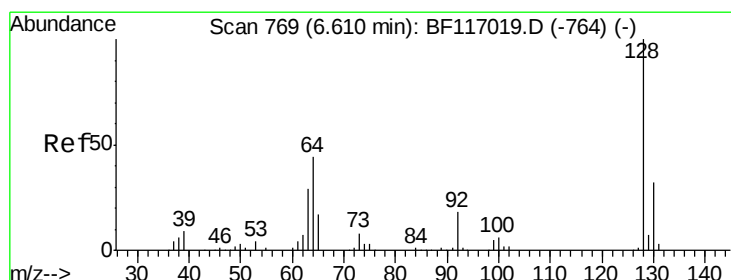
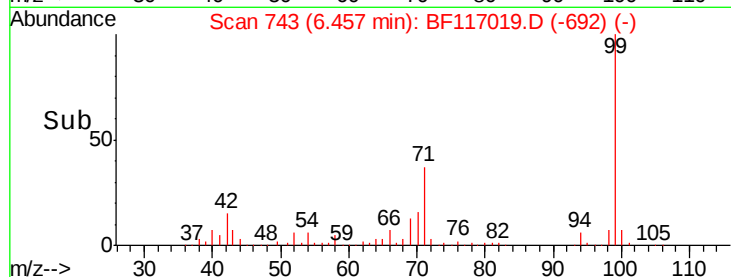
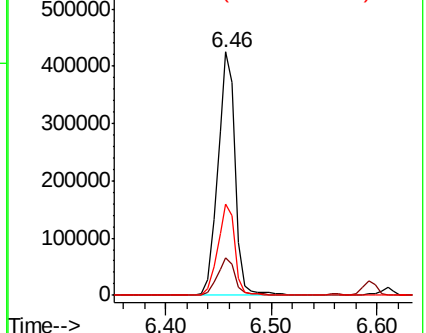
71 37.3 29.8 44.8



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: 39.511 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

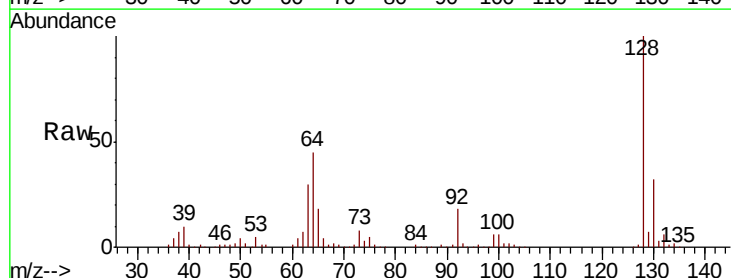
Tgt Ion: 128 Resp: 206920

Ion Ratio Lower Upper

128 100

130 31.8 11.8 51.8

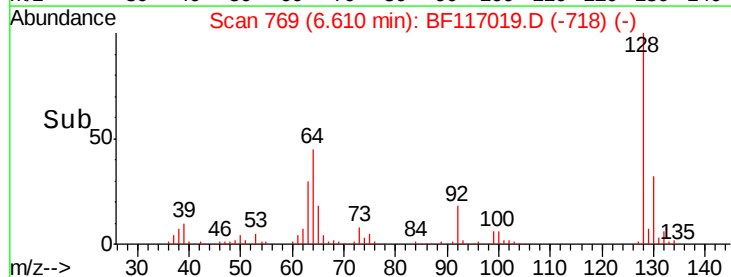
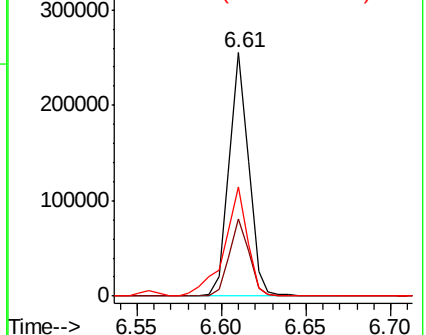
64 45.0 25.0 65.0

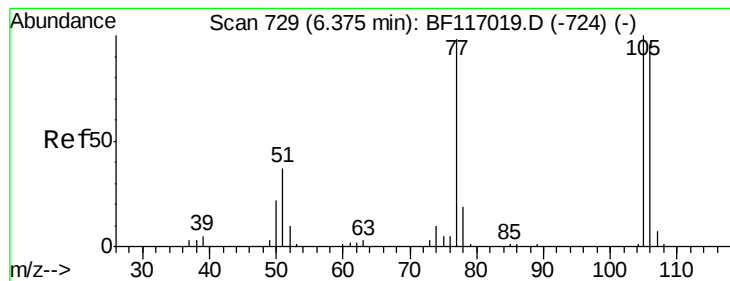


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.335 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampleId :

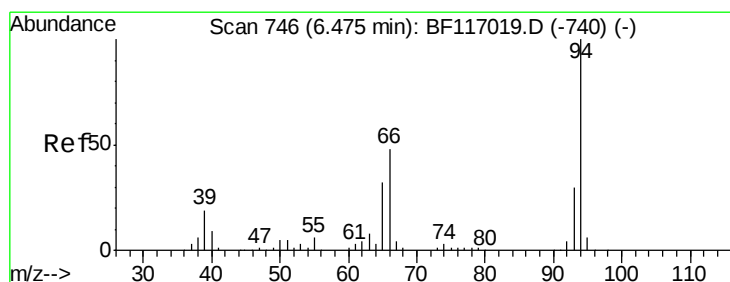
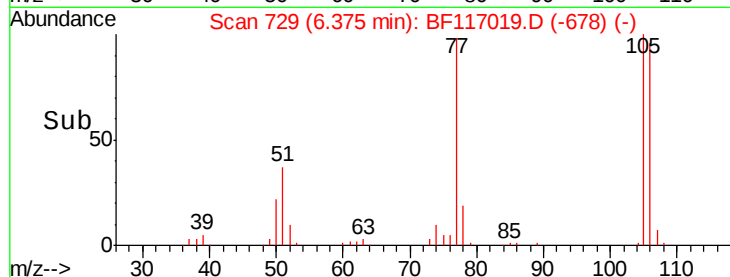
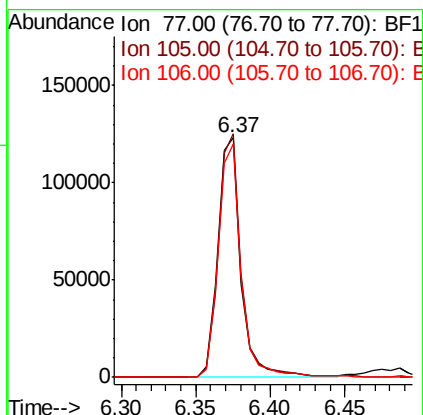
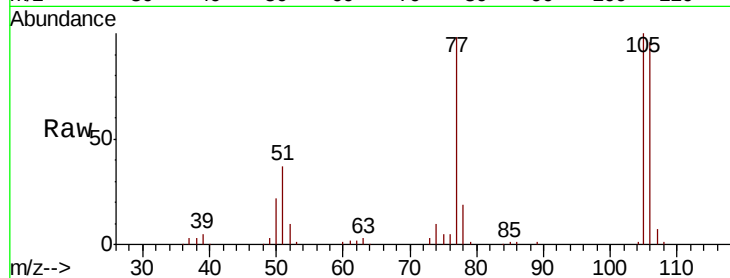
Tot Ion: 77 Resp: 134197

Ion Ratio Lower Upper

77 100

105 101.8 81.8 121.8

106 97.3 77.3 117.3



#10

Phenol

Concen: 39.138 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

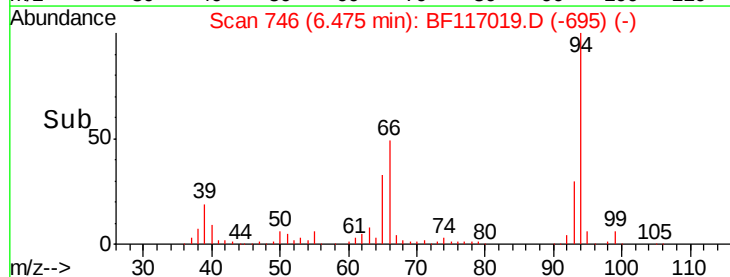
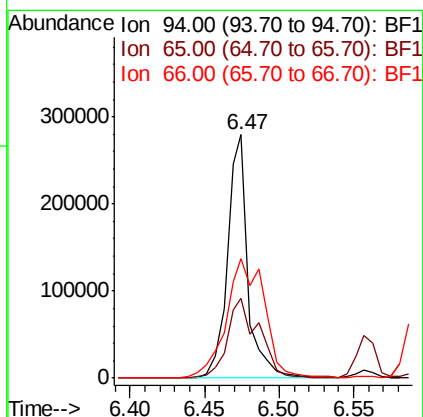
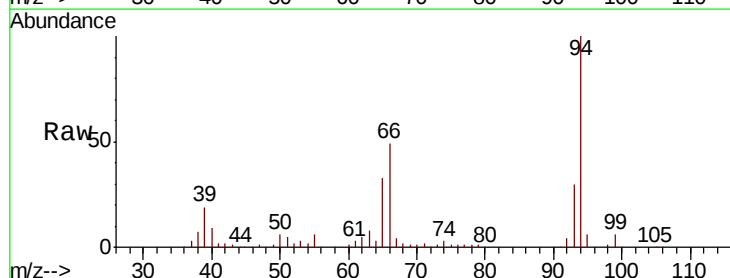
Tgt Ion: 94 Resp: 273014

Ion Ratio Lower Upper

94 100

65 32.5 12.5 52.5

66 48.9 28.9 68.9

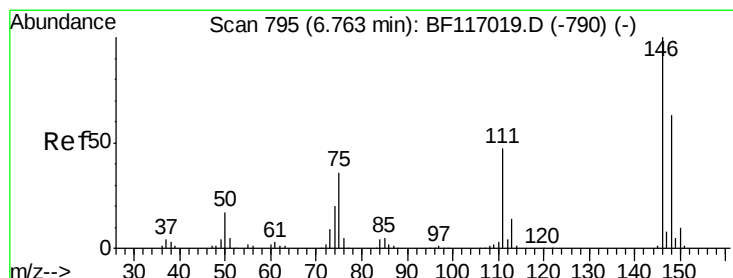
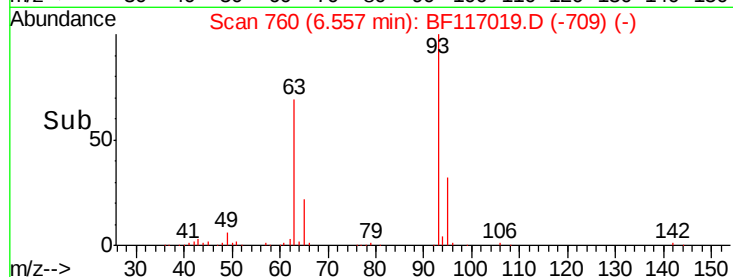
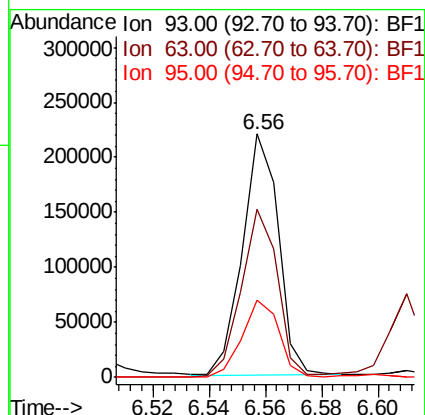
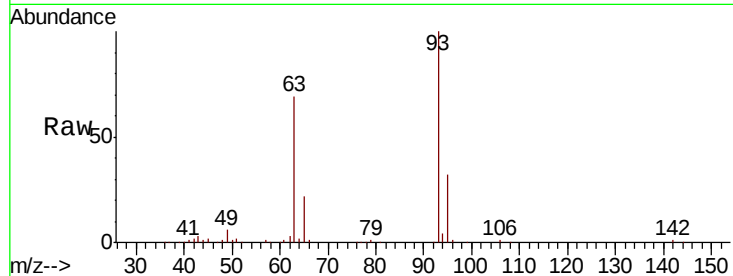




#11
 bis(2-Chloroethyl)ether
 Concen: 35.947 ng
 RT: 6.56 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

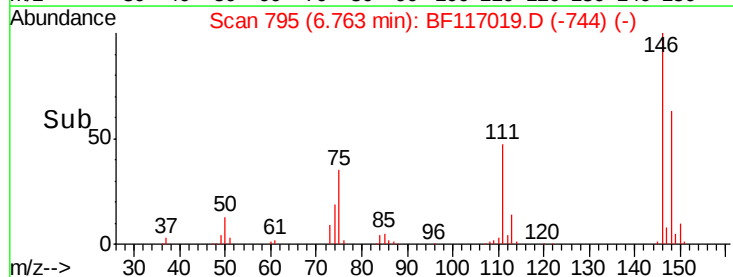
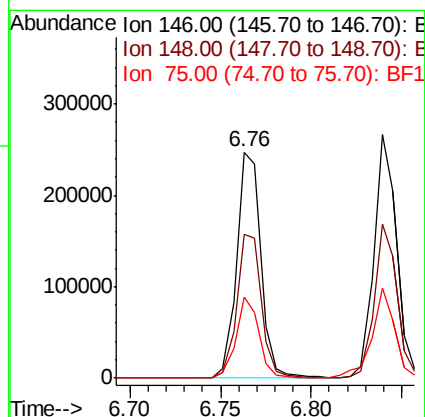
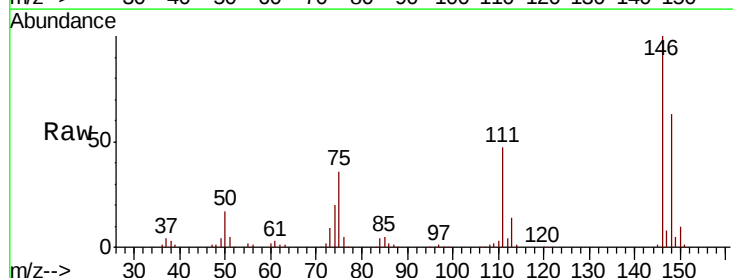
Instrument :
 BNA_F
 ClientSampled :

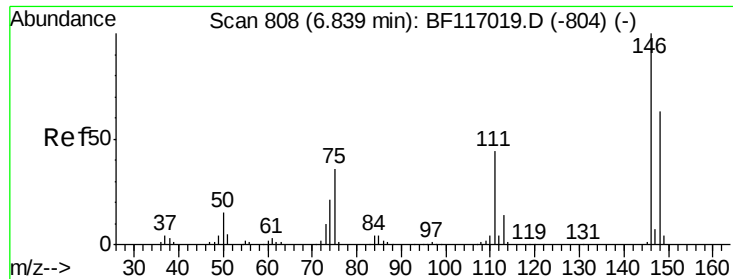
Tot Ion	93	Resp	195249
Ion Ratio	Lower	Upper	
93	100		
63	69.3	49.3	89.3
95	31.5	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 39.017 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion	146	Resp	230941
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.8	76.2
75	35.9	28.7	43.1

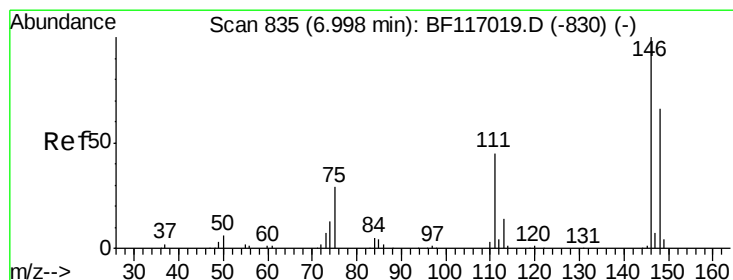
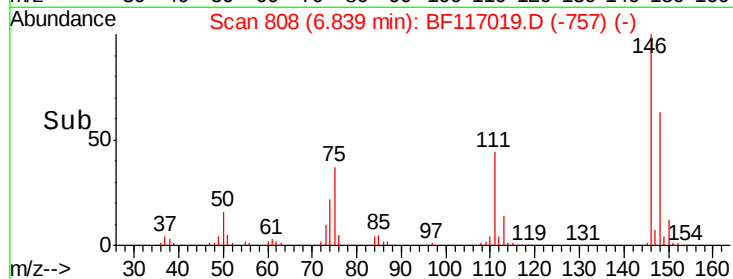
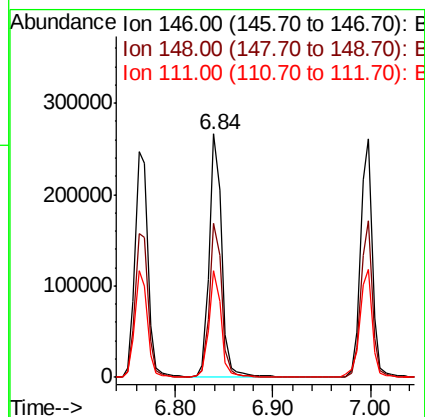
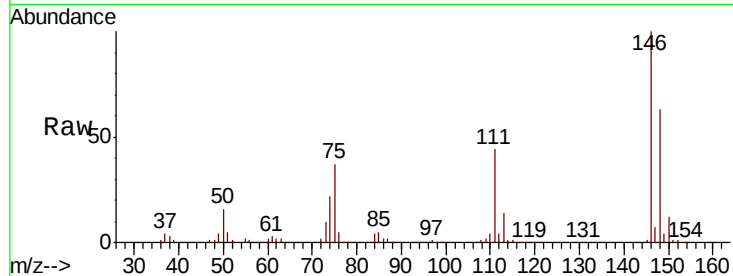




#13
 1,4-Dichlorobenzene
 Concen: 40.443 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

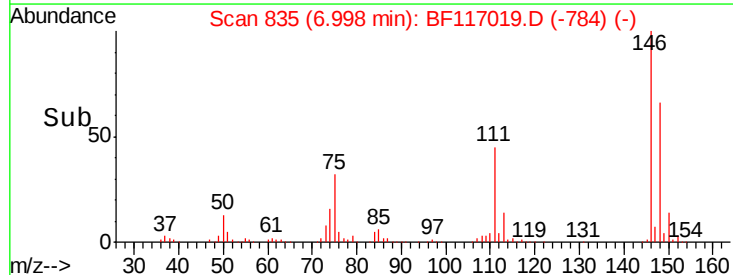
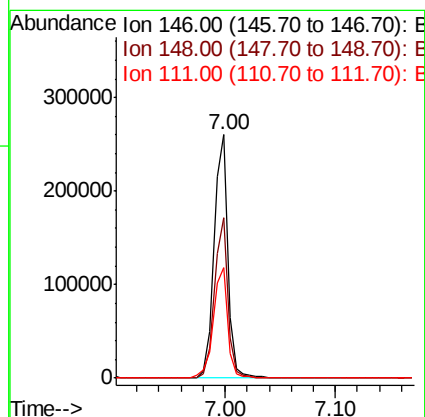
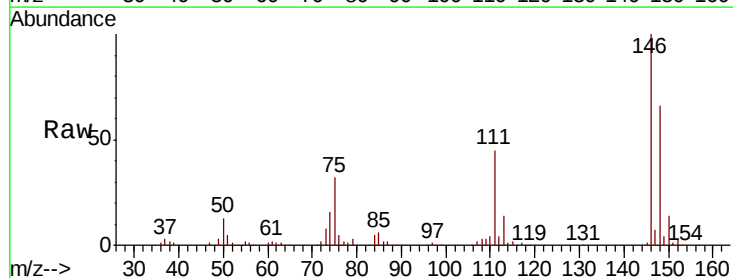
Instrument :
 BNA_F
 ClientSampleId :

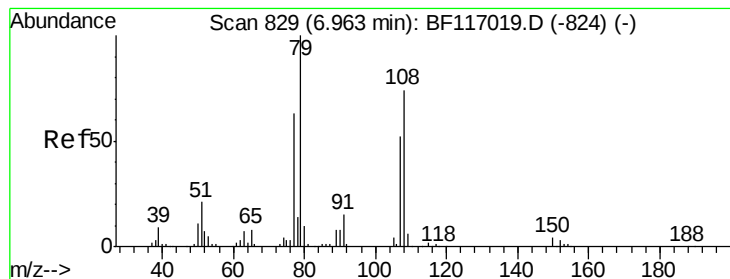
Tot Ion:146 Resp: 238322
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 76.0
 111 43.8 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 40.504 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion:146 Resp: 221190
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.6 78.8
 111 45.2 36.2 54.2





#15

Benzyl Alcohol

Concen: 37.534 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampled :

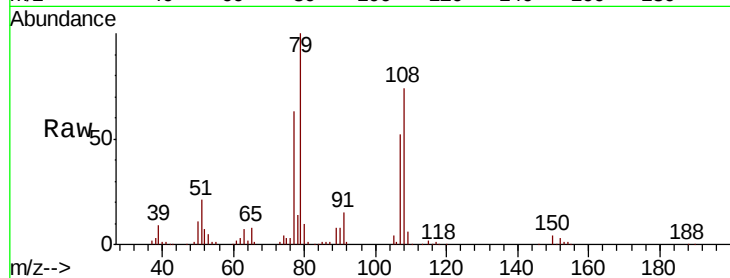
Tot Ion: 79 Resp: 191931

Ion Ratio Lower Upper

79 100

108 74.2 59.4 89.0

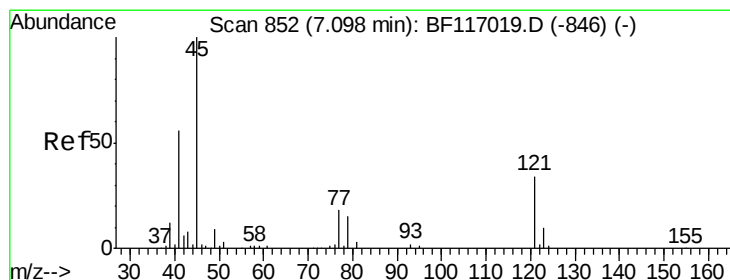
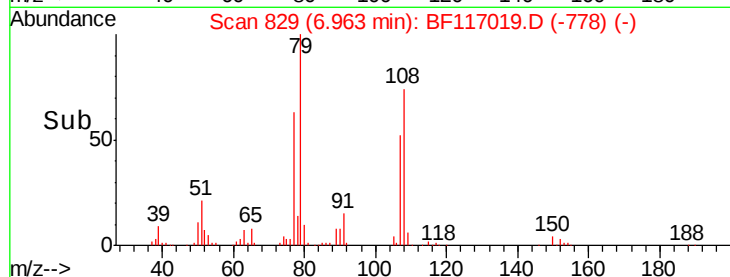
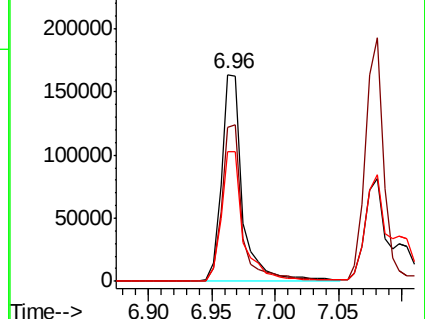
77 62.7 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.033 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

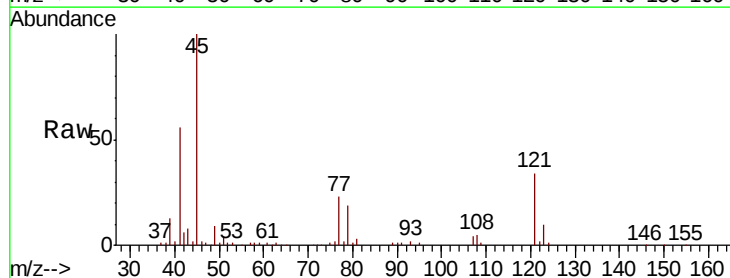
Tgt Ion: 45 Resp: 197761

Ion Ratio Lower Upper

45 100

77 22.7 2.7 42.7

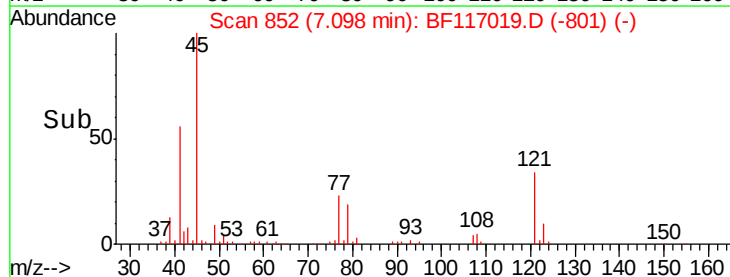
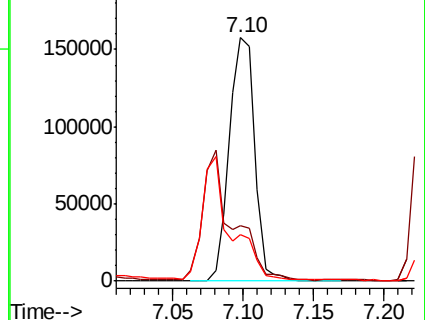
79 18.9 0.0 38.9

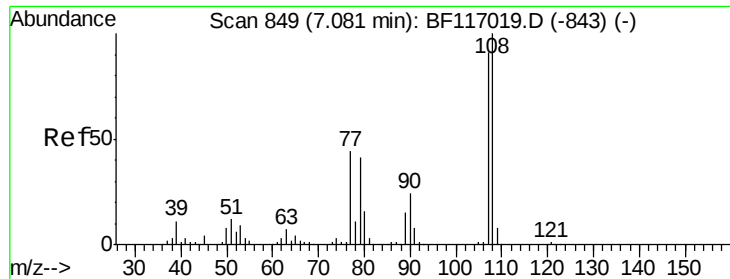


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

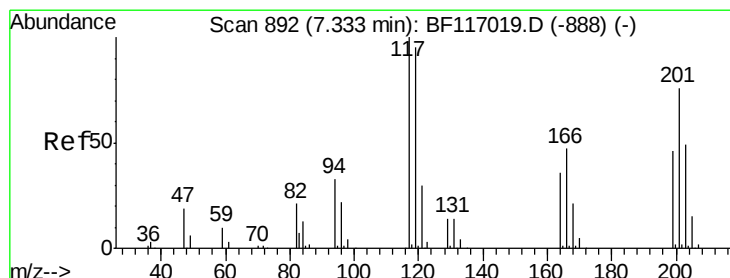
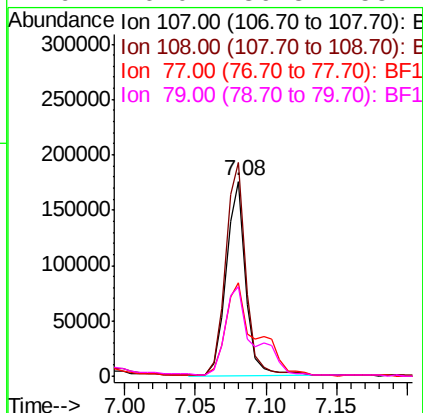
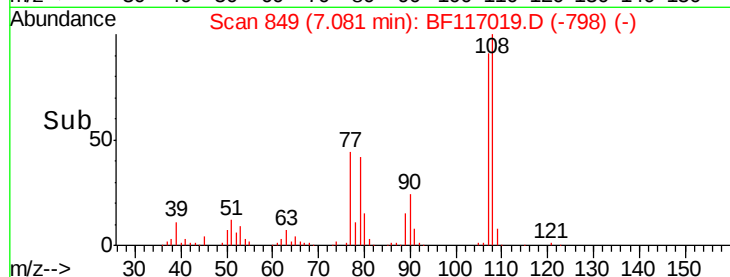
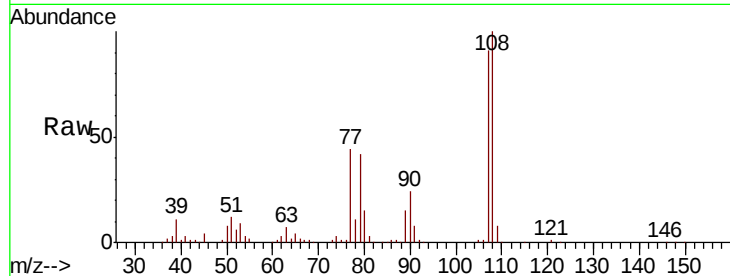




#17
2-Methylphenol
Concen: 37.038 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

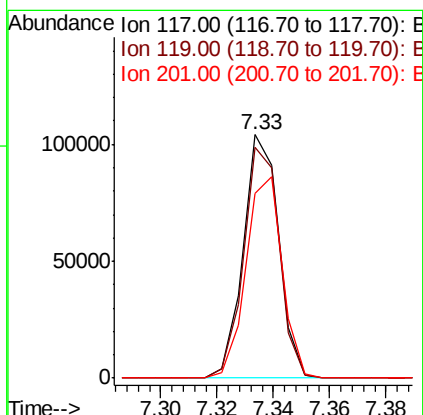
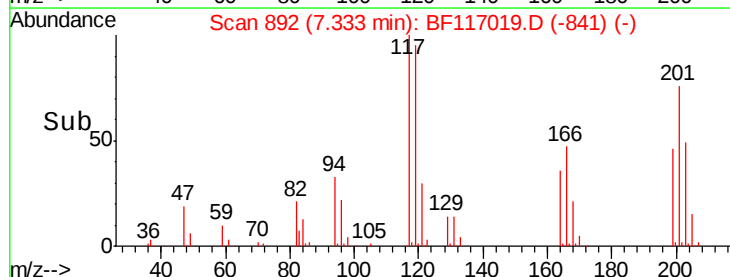
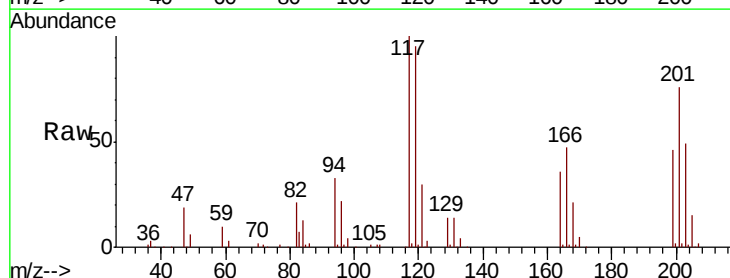
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	169801
Ion	Ratio	Lower	Upper
107	100		
108	109.6	87.7	131.5
77	48.3	38.6	58.0
79	46.0	36.8	55.2



#18
Hexachloroethane
Concen: 39.643 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:	117	Resp:	90760
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	76.1	60.9	91.3

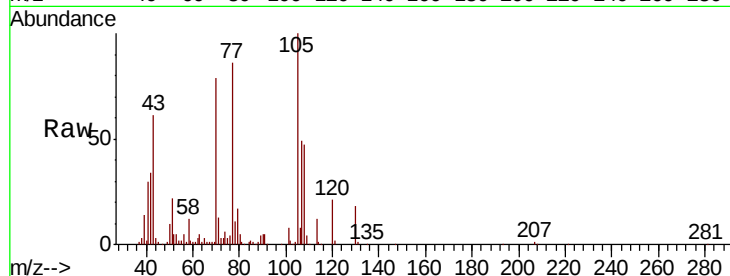




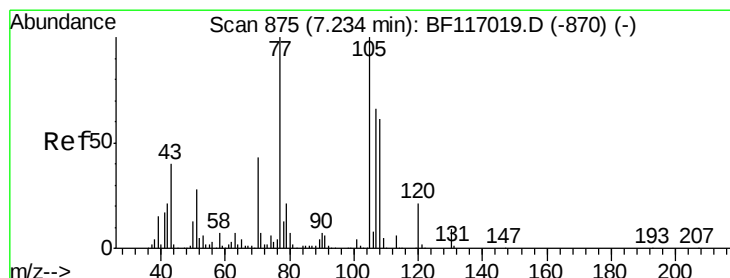
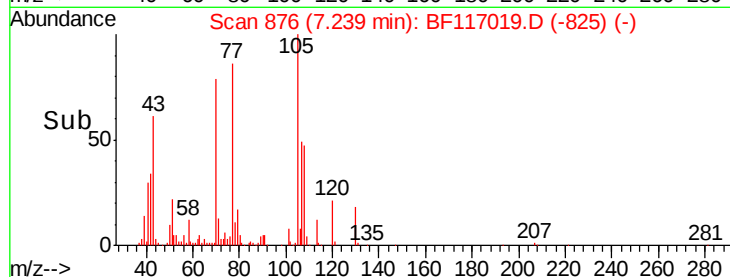
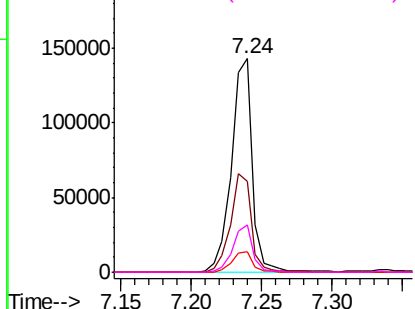
#19
n-Nitroso-di-n-propylamine
Concen: 35.540 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 147414
Ion Ratio Lower Upper
70 100
42 42.5 34.0 51.0
101 9.7 7.8 11.6
130 22.3 17.8 26.8

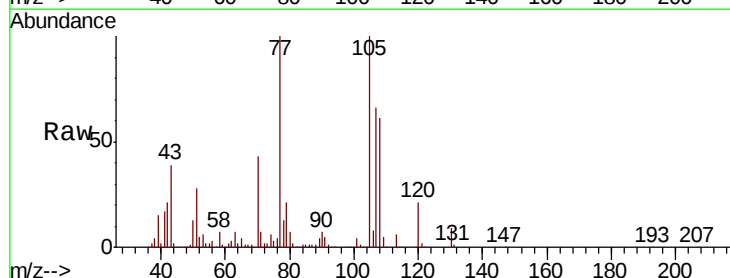


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

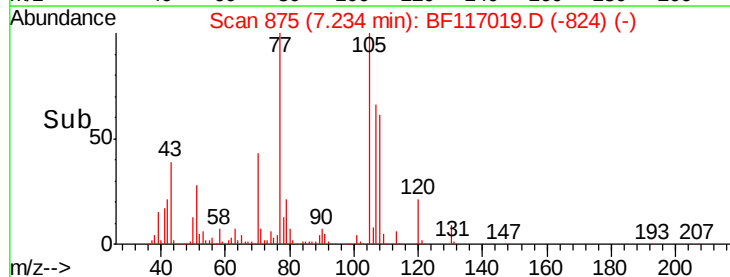
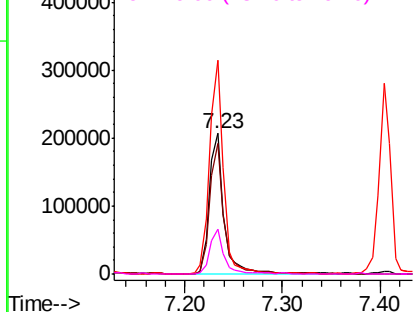


#20
3+4-Methylphenols
Concen: 40.004 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:107 Resp: 213241
Ion Ratio Lower Upper
107 100
108 92.6 72.6 112.6
77 152.1 132.1 172.1
79 32.1 12.1 52.1



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

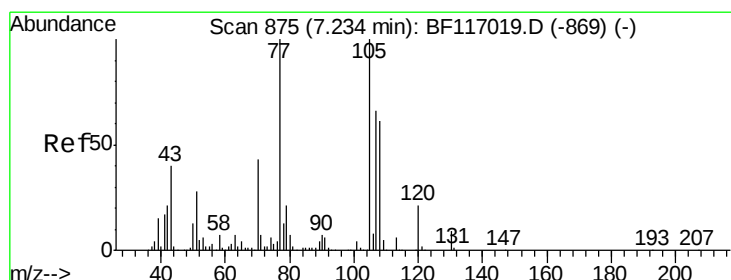
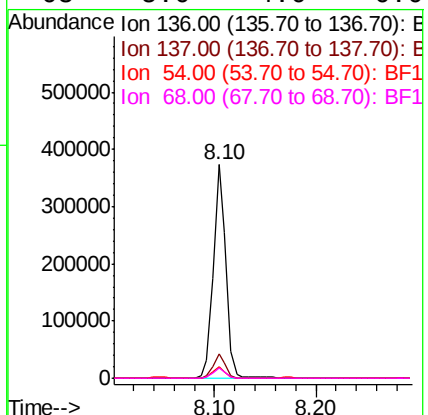
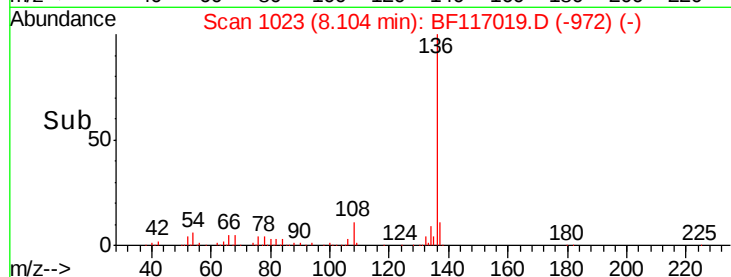
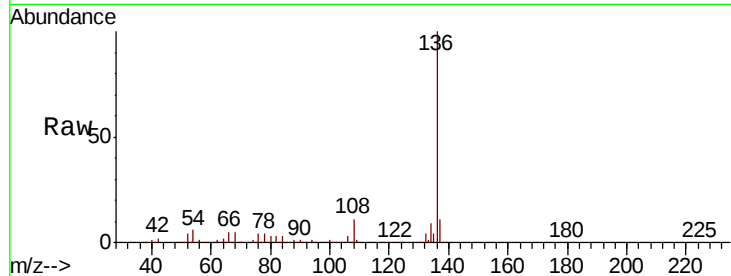




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

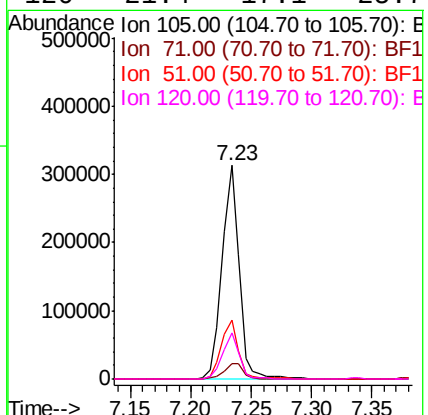
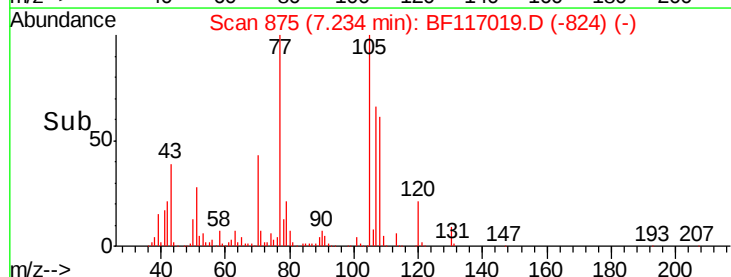
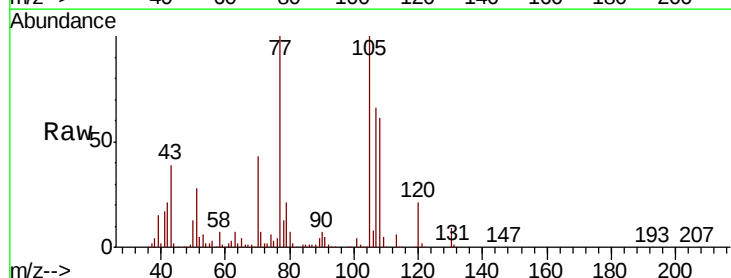
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	322004	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.0	13.4	
54 5.6	4.5	6.7	
68 5.0	4.0	6.0	



#22
Acetophenone
Concen: 39.533 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt	Ion:105	Resp:	306471
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.7	8.5
51	27.6	22.1	33.1
120	21.4	17.1	25.7

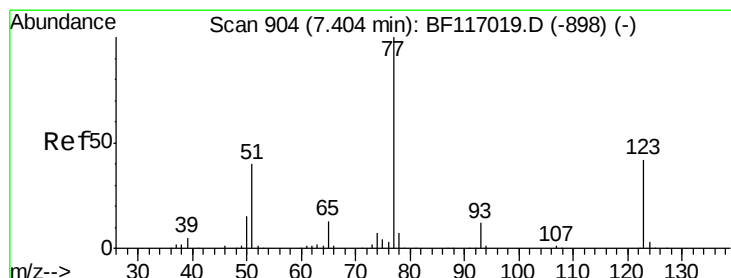
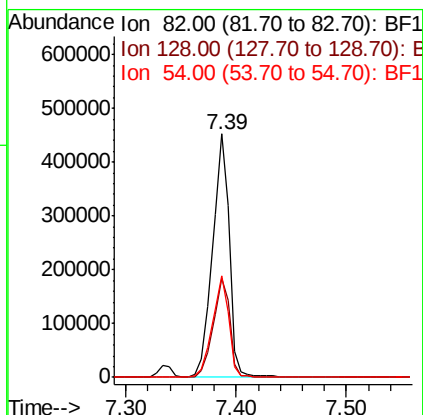
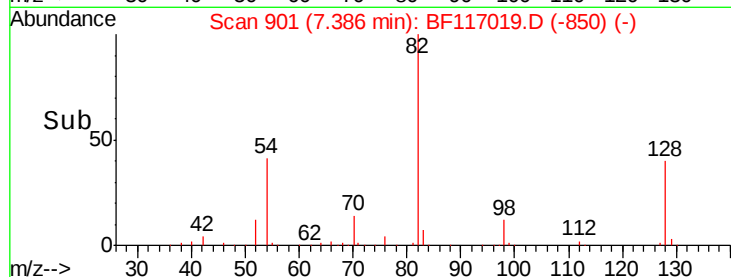
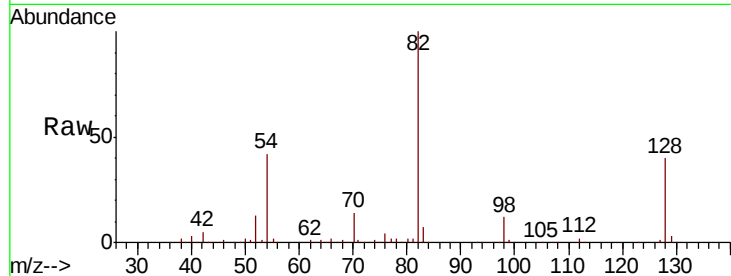




#23
Nitrobenzene-d5
Concen: 83.296 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

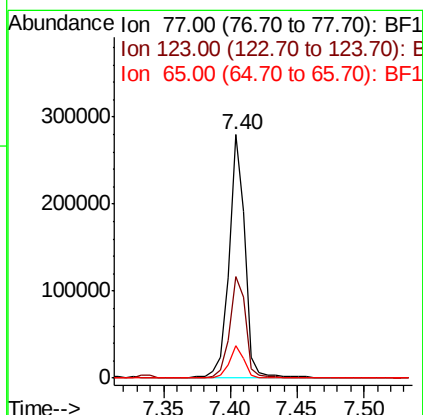
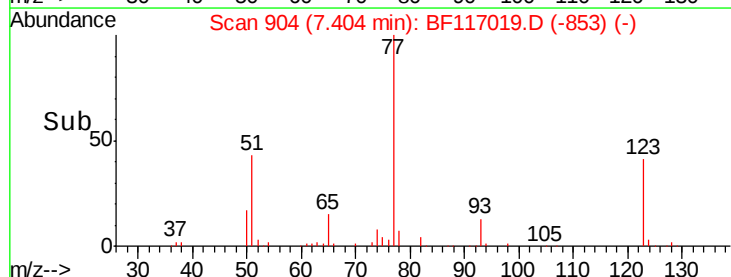
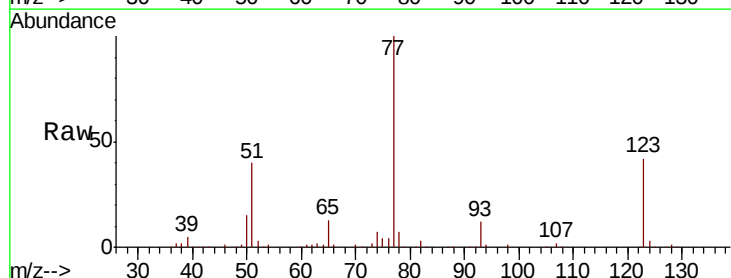
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 469838
Ion Ratio Lower Upper
82 100
128 40.4 32.3 48.5
54 41.6 33.3 49.9



#24
Nitrobenzene
Concen: 40.255 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion: 77 Resp: 230931
Ion Ratio Lower Upper
77 100
123 41.9 33.5 50.3
65 13.1 10.5 15.7

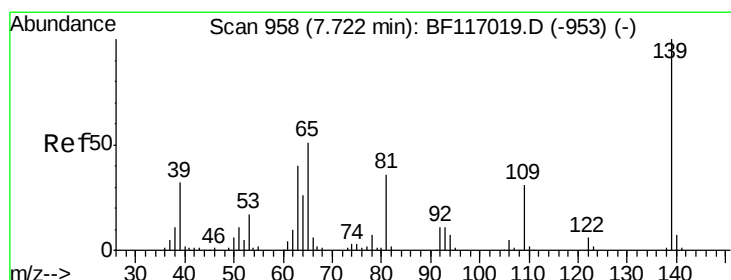
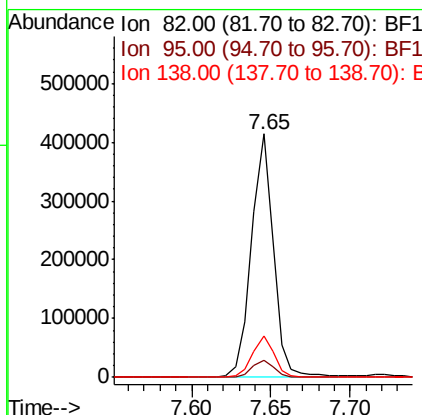
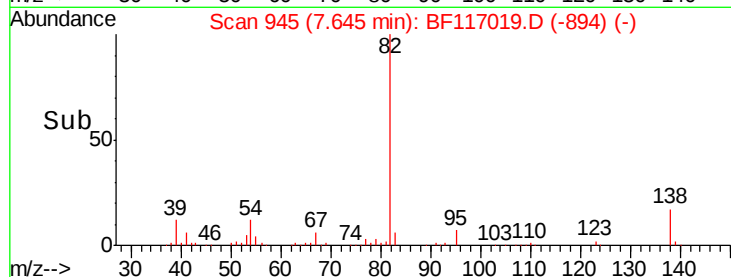
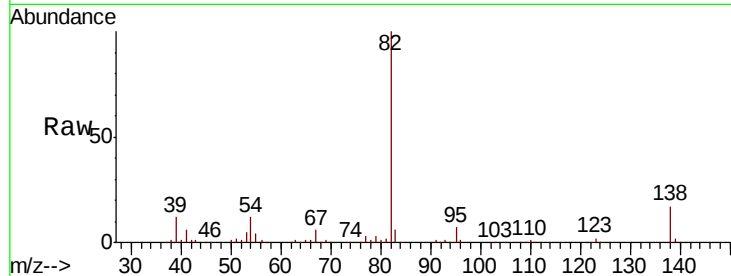




#25
Isophorone
Concen: 35.177 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

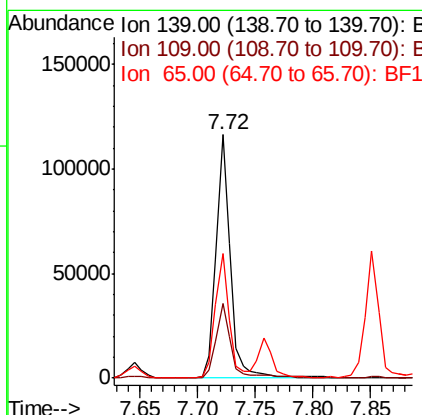
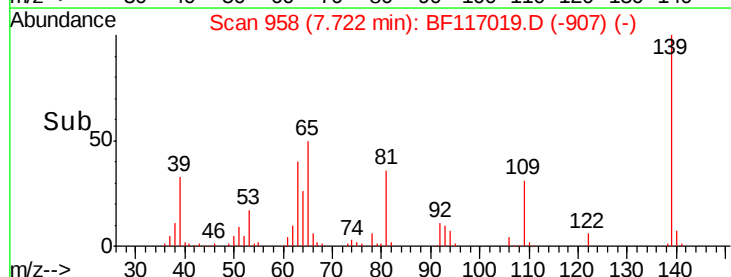
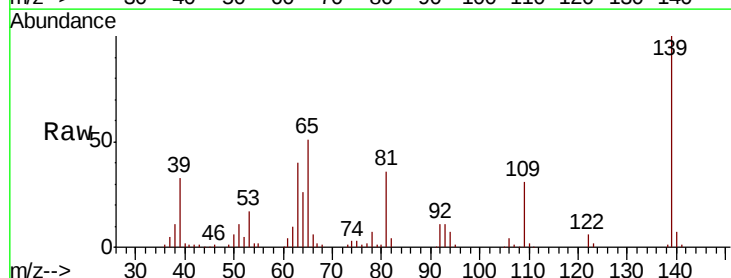
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 402063
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 16.9 13.5 20.3



#26
2-Nitrophenol
Concen: 47.107 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion: 139 Resp: 100469
Ion Ratio Lower Upper
139 100
109 30.7 24.6 36.8
65 51.1 40.9 61.3

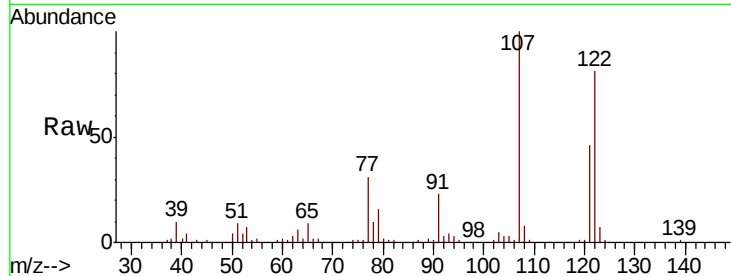




#27
 2,4-Dimethylphenol
 Concen: 36.295 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		156338		
107	123.6	98.9	148.3		
121	56.6	45.3	67.9		

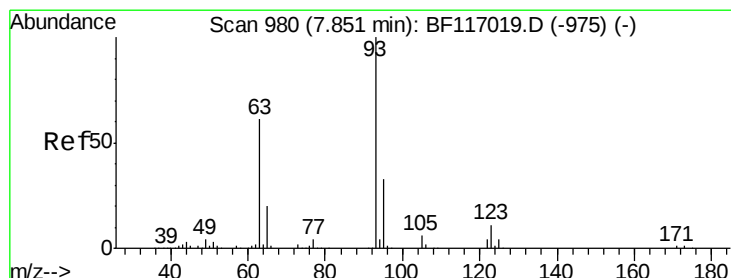
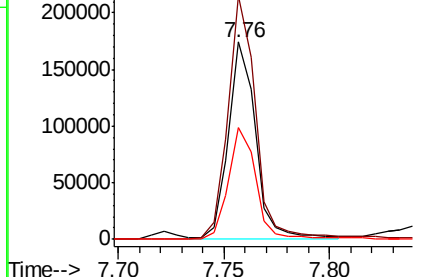
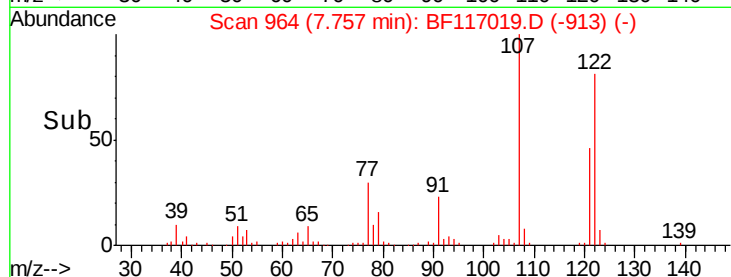


Abundance

Ion 122.00 (121.70 to 122.70): E

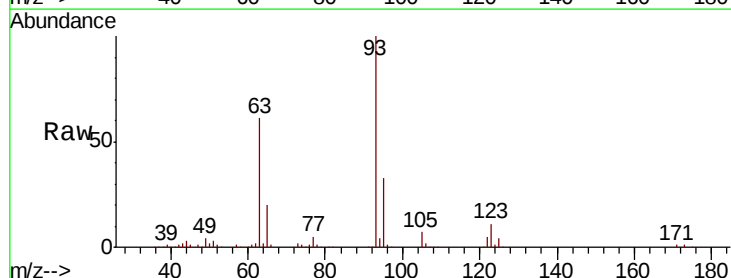
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.592 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		248600		
95	32.8	26.2	39.4		
123	11.3	9.0	13.6		

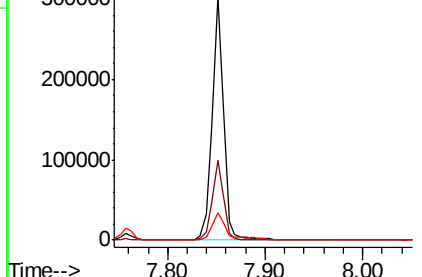
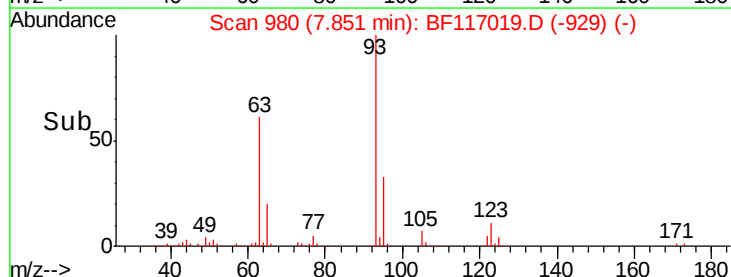


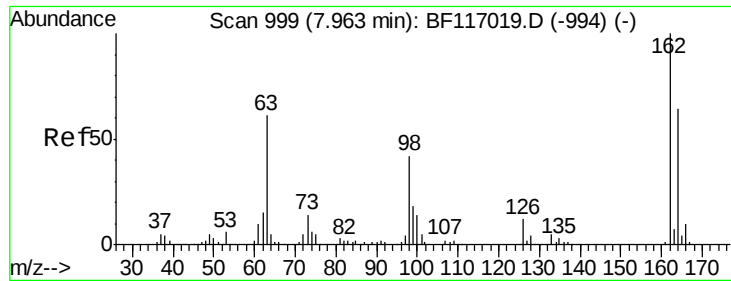
Abundance

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

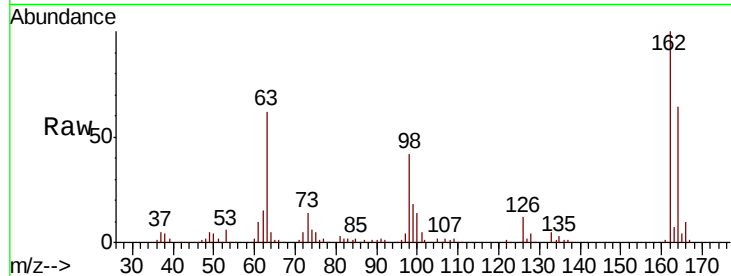




#29
 2,4-Dichlorophenol
 Concen: 40.427 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.8	83.8
98	42.1	22.1	62.1

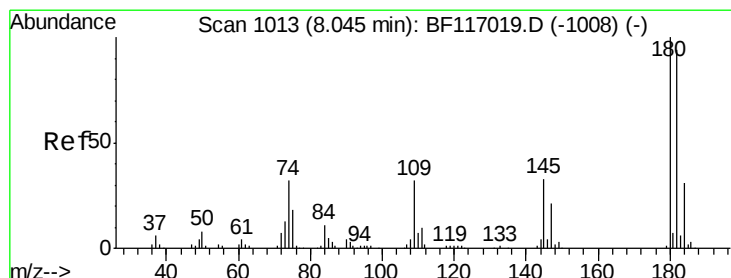
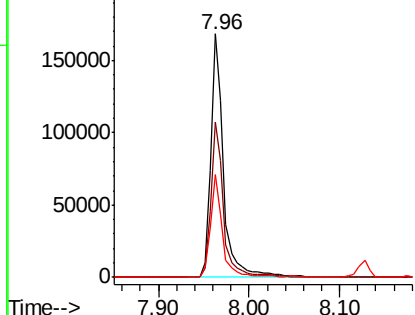
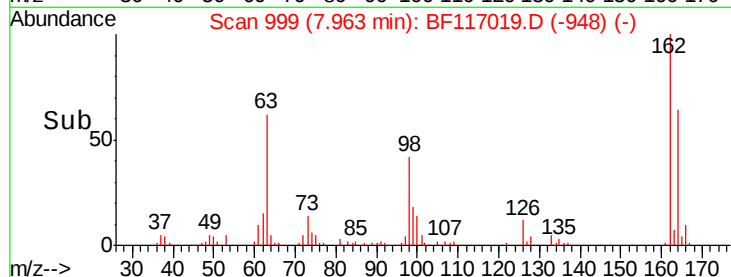


Abundance

Ion 162.00 (161.70 to 162.70): E

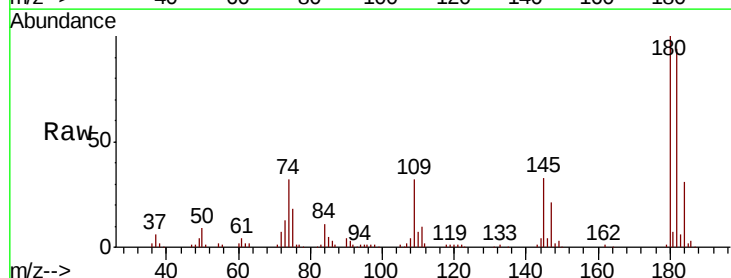
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.443 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.4	113.0
145	33.4	26.7	40.1

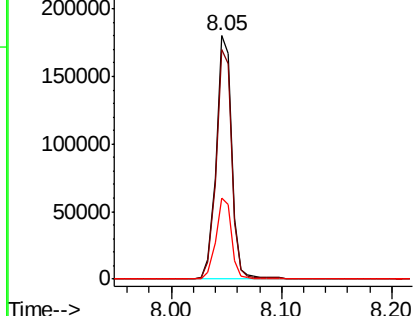
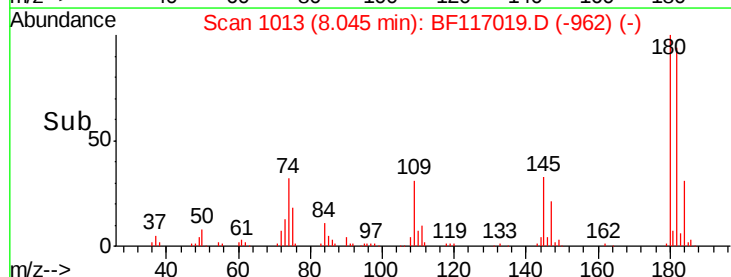


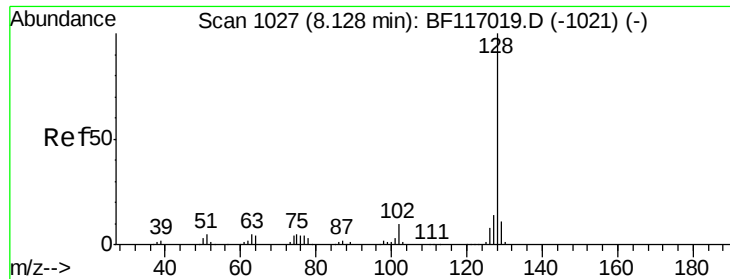
Abundance

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

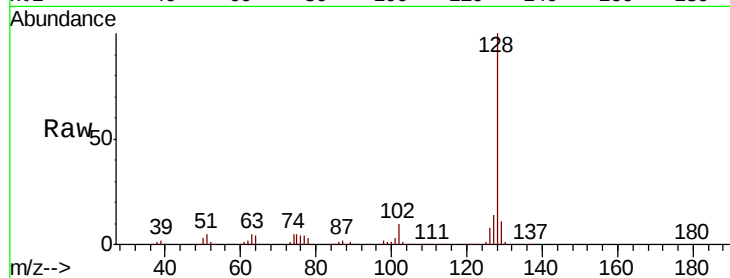




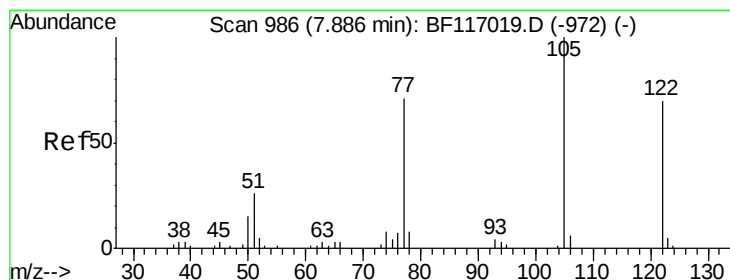
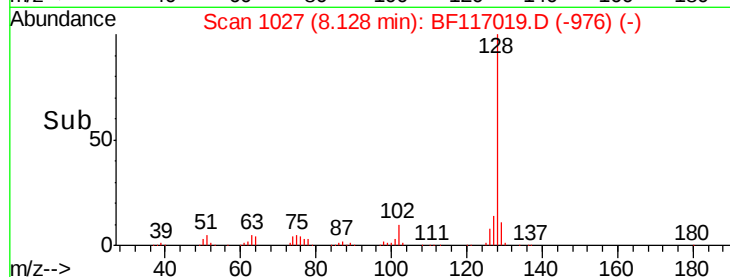
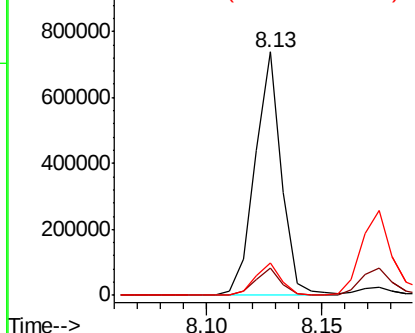
#31
Naphthalene
Concen: 38.690 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 592407
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.5 10.8 16.2

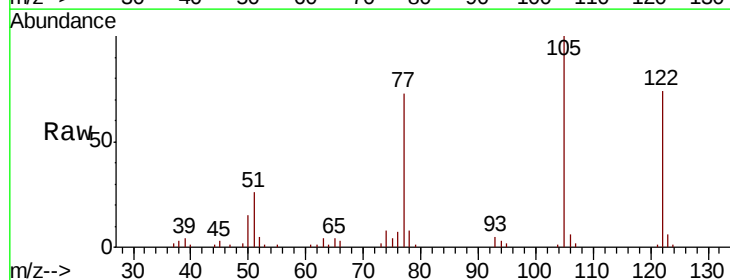


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

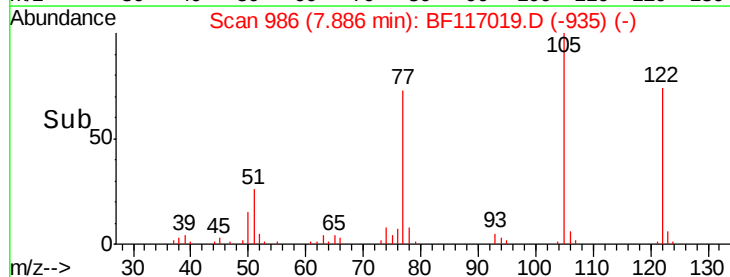
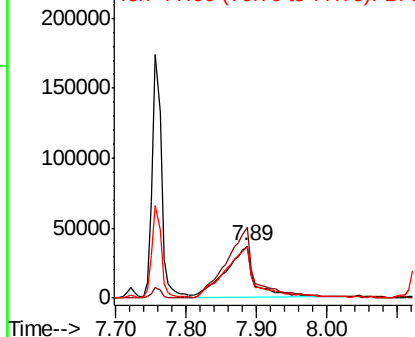


#32
Benzoic acid
Concen: 43.894 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:122 Resp: 106754
Ion Ratio Lower Upper
122 100
105 134.8 114.8 154.8
77 98.7 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

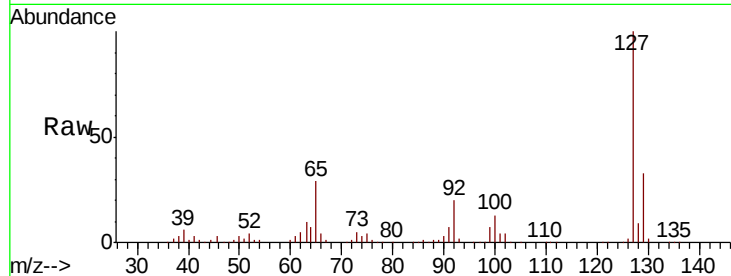




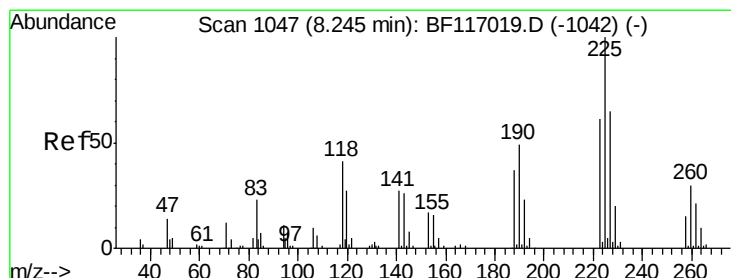
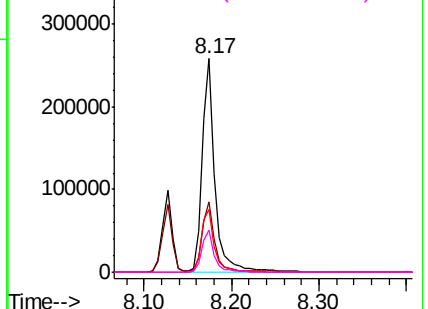
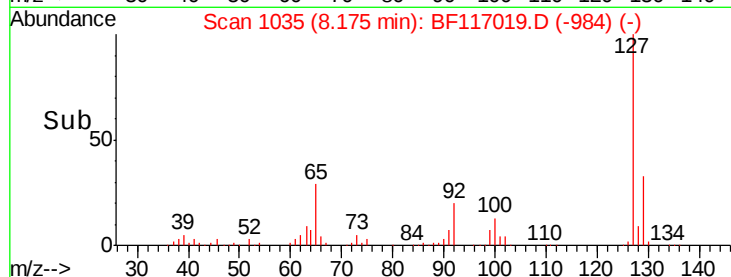
#33
4-Chloroaniline
Concen: 37.679 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	262615
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.2 39.2
65	29.4	23.5 35.3
92	19.9	15.9 23.9

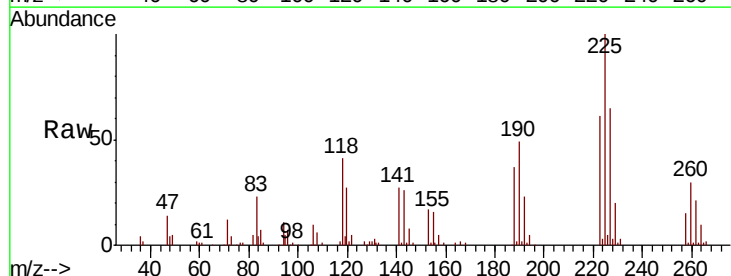


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

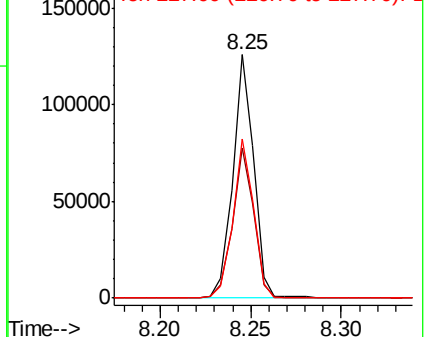
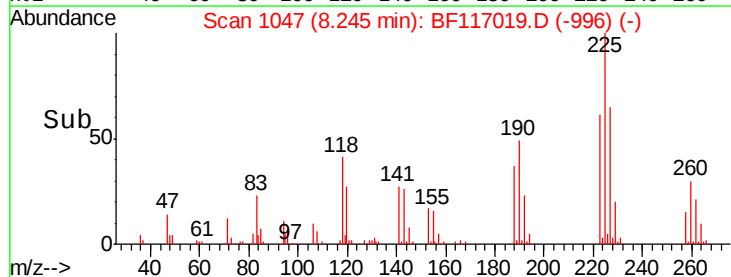


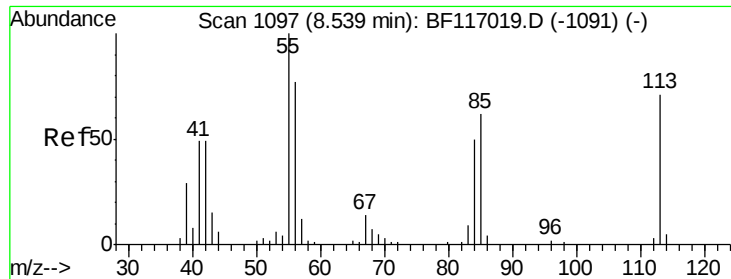
#34
Hexachlorobutadiene
Concen: 41.296 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:225	Resp:	101096
Ion Ratio	Lower	Upper
225	100	
223	61.4	49.1 73.7
227	65.2	52.2 78.2



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

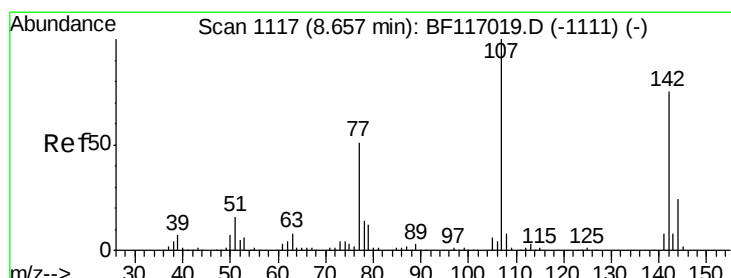
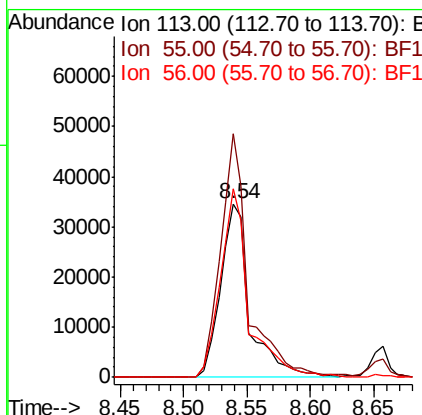
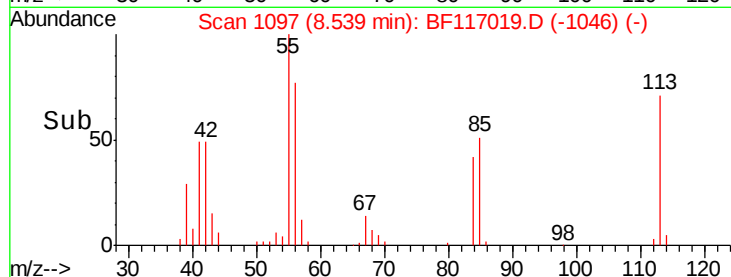
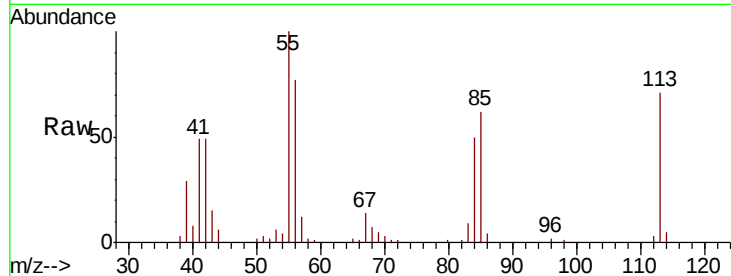




#35
Caprolactam
Concen: 35.412 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

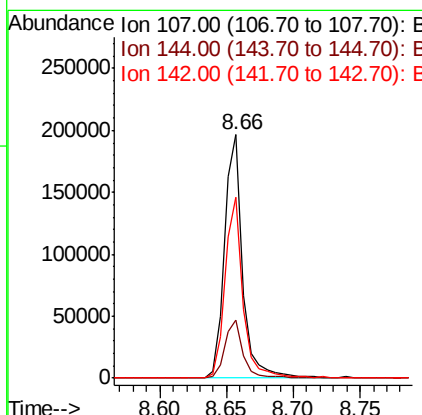
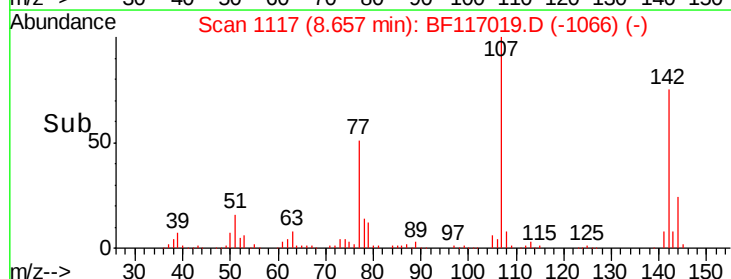
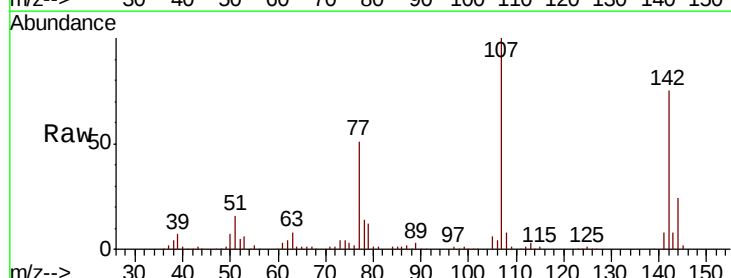
Instrument :
BNA_F
ClientSampleId :

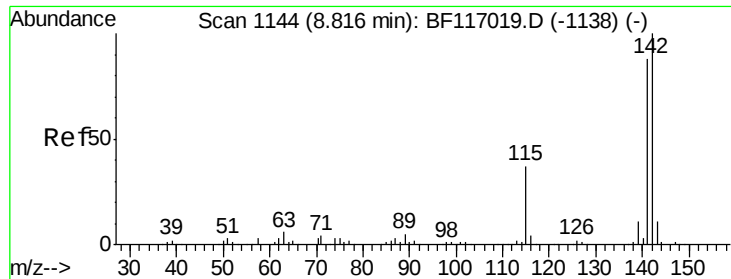
Tot Ion:113 Resp: 54859
Ion Ratio Lower Upper
113 100
55 140.6 120.6 160.6
56 108.8 88.8 128.8



#36
4-Chloro-3-methylphenol
Concen: 39.886 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:107 Resp: 189764
Ion Ratio Lower Upper
107 100
144 24.0 19.2 28.8
142 74.5 59.6 89.4

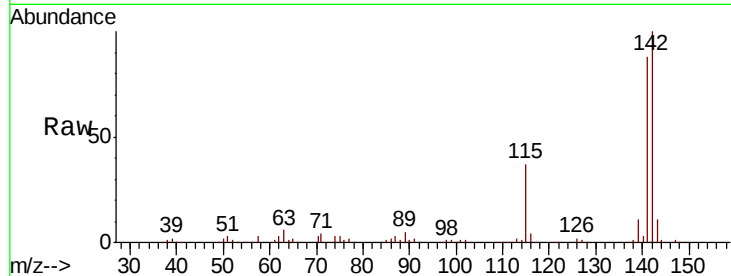




#37
 2-Methylnaphthalene
 Concen: 38.747 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1
115	36.7	29.4	44.0

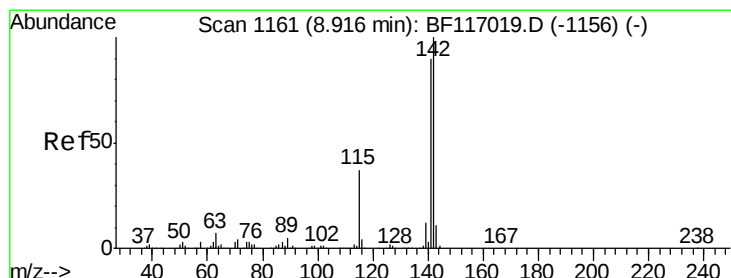
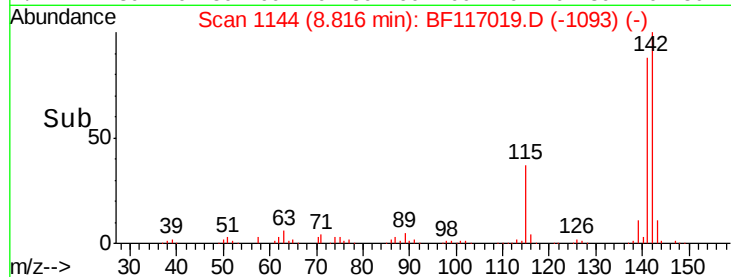
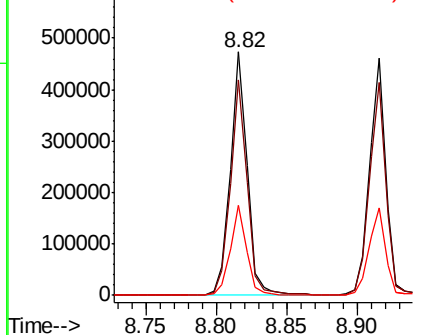


Abundance

Ion 142.00 (141.70 to 142.70): E

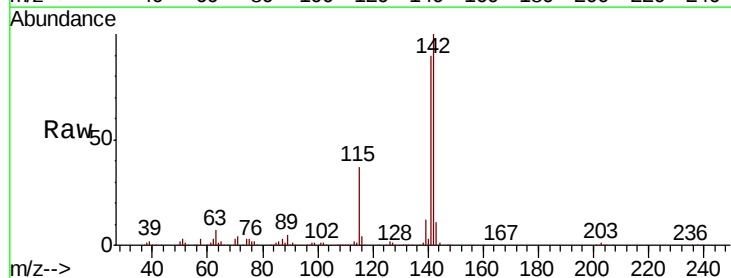
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 38.364 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
116	4.0	3.2	4.8

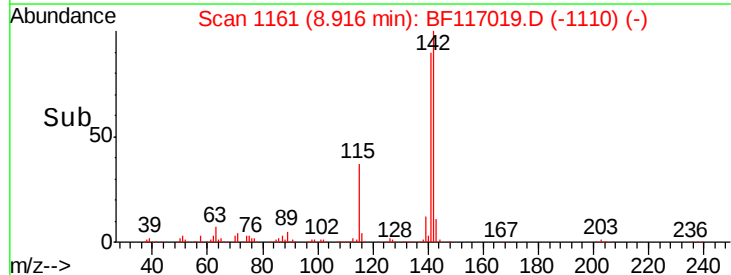
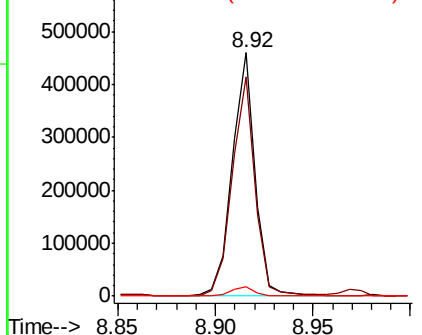


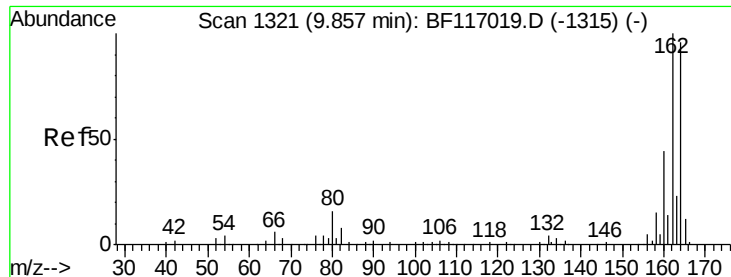
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

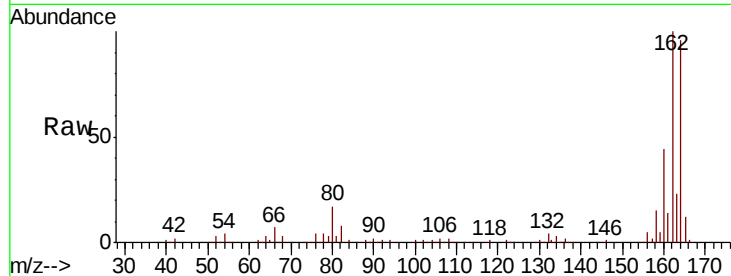




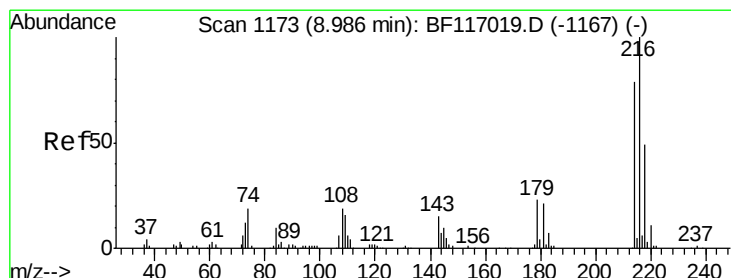
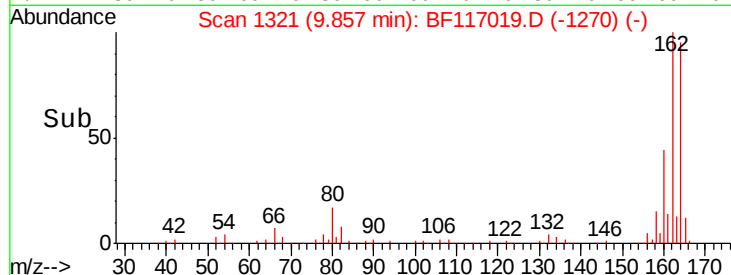
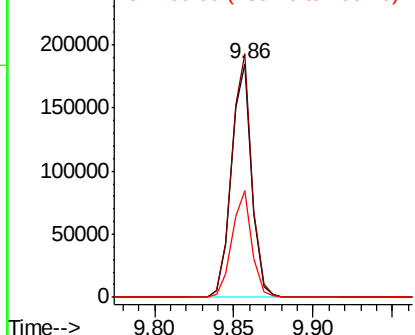
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 163009
Ion Ratio Lower Upper
164 100
162 104.3 83.4 125.2
160 45.5 36.4 54.6

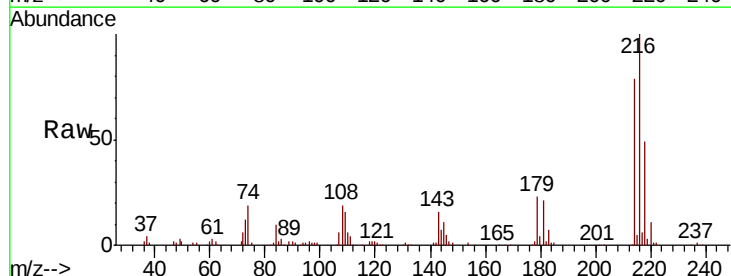


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

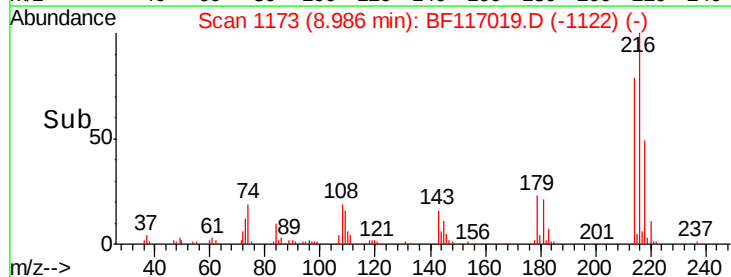
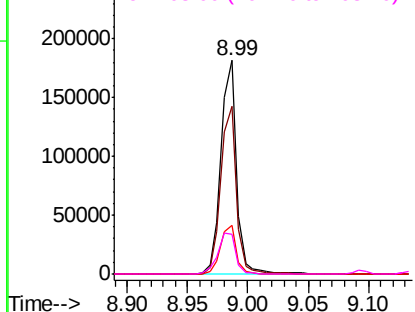


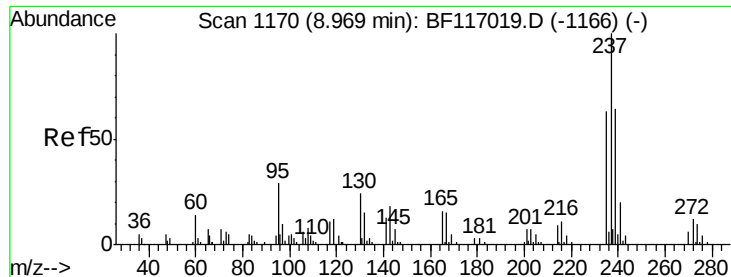
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.028 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:216 Resp: 160321
Ion Ratio Lower Upper
216 100
214 79.5 63.6 95.4
179 22.9 18.3 27.5
108 22.2 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: 25.524 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampled :

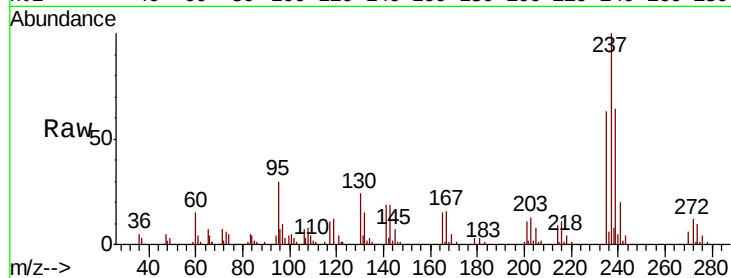
Tot Ion:237 Resp: 57595

Ion Ratio Lower Upper

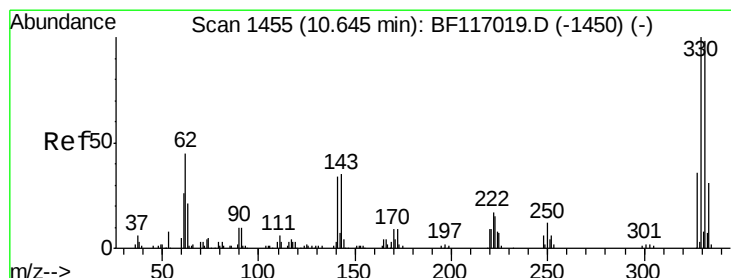
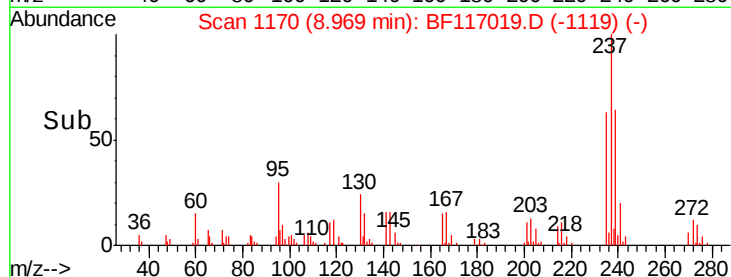
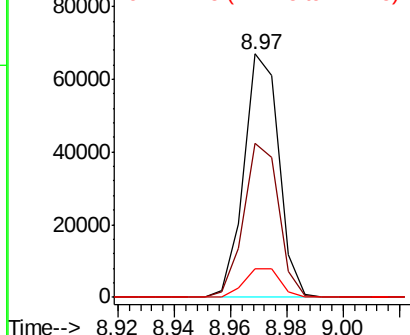
237 100

235 63.2 43.2 83.2

272 11.9 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: 96.313 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

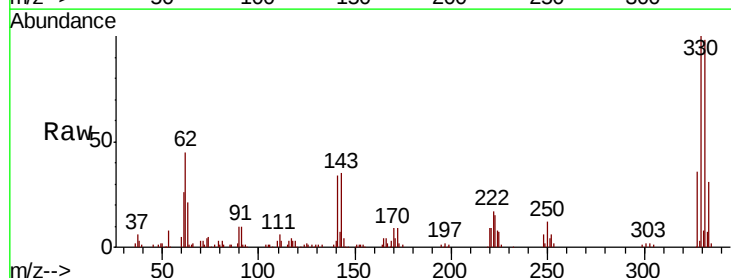
Tgt Ion:330 Resp: 104957

Ion Ratio Lower Upper

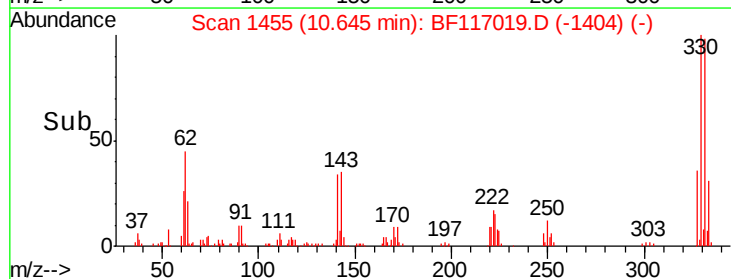
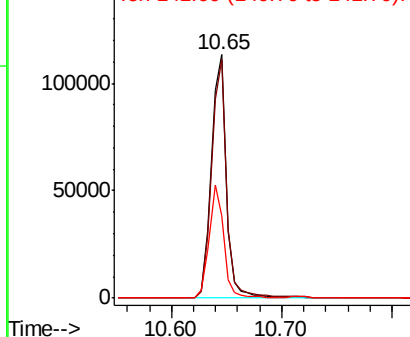
330 100

332 97.5 78.0 117.0

141 44.7 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

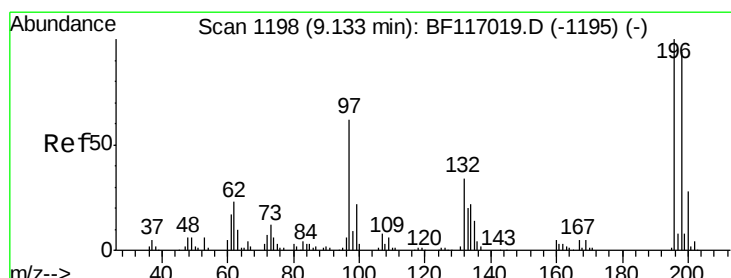
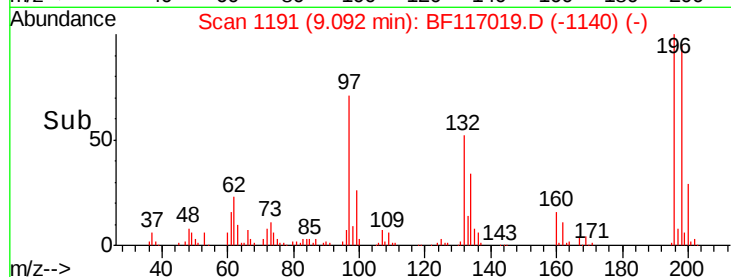
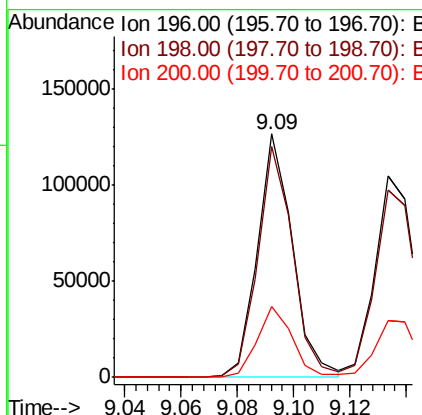
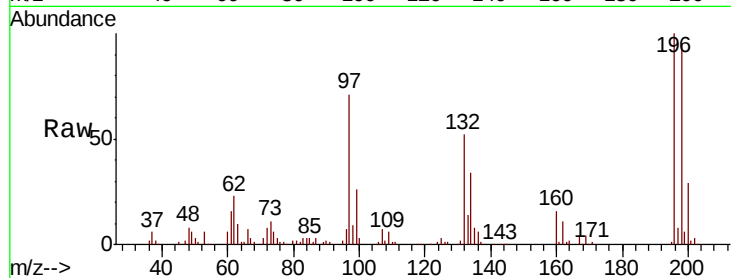




#43
 2,4,6-Trichlorophenol
 Concen: 40.762 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

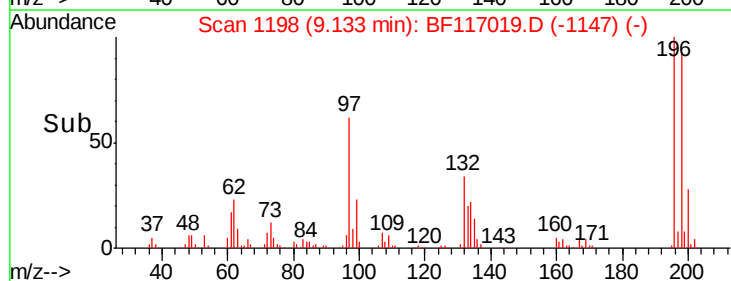
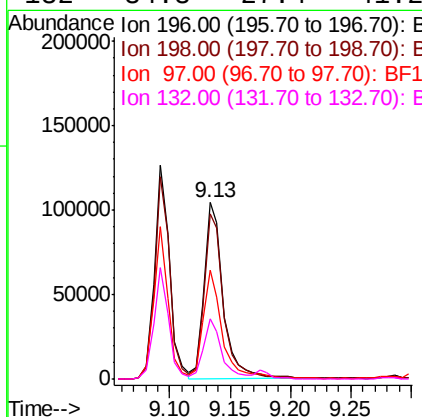
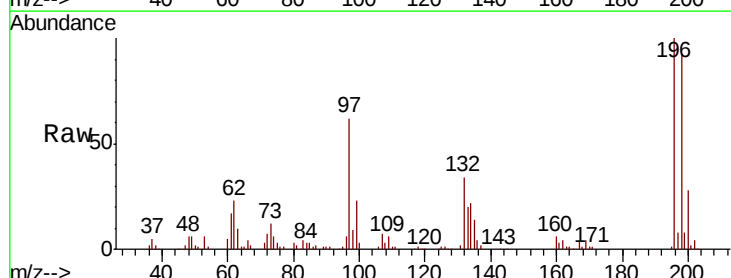
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 109187
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 29.1 23.3 34.9



#44
 2,4,5-Trichlorophenol
 Concen: 41.066 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion:196 Resp: 114201
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.6 112.0
 97 61.9 49.5 74.3
 132 34.3 27.4 41.2

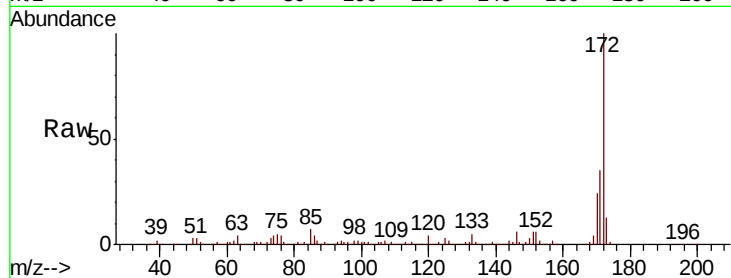




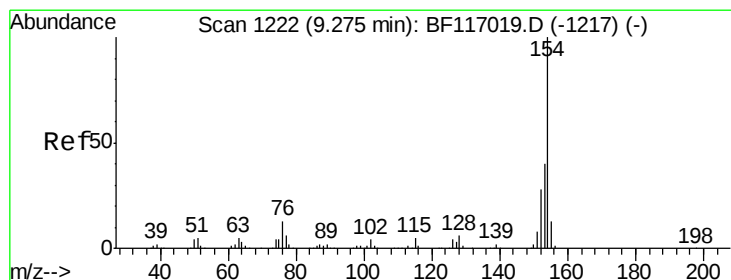
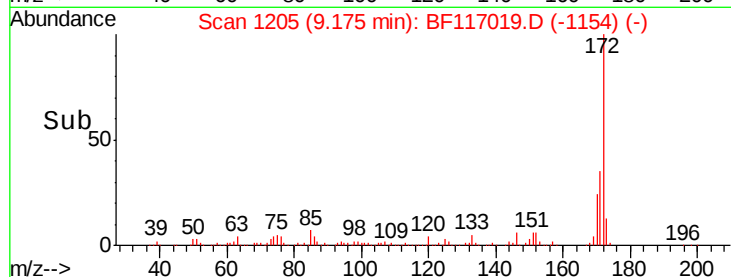
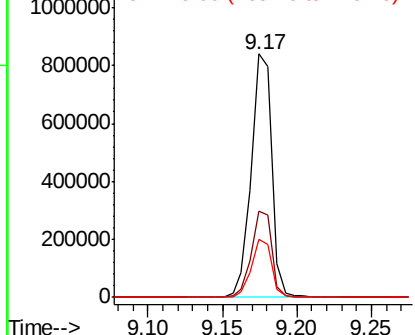
#45
2-Fluorobiphenyl
Concen: 82.299 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 795274
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.6 18.9 28.3

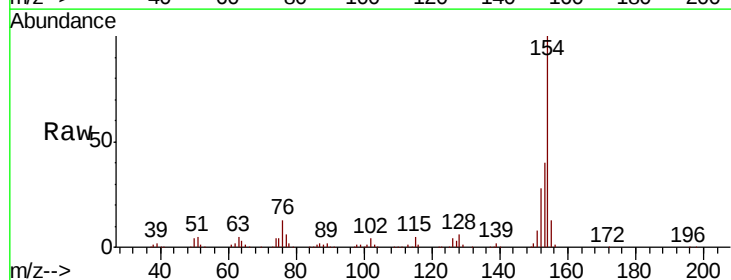


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

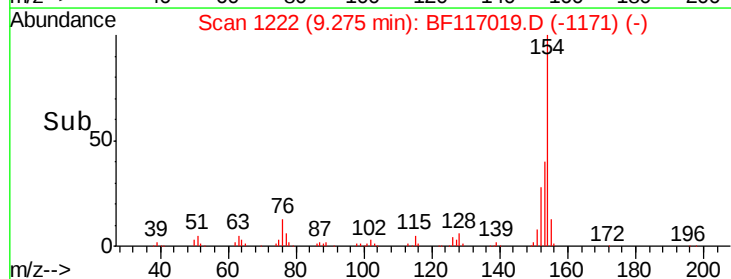
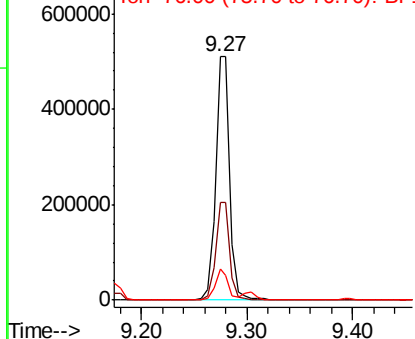


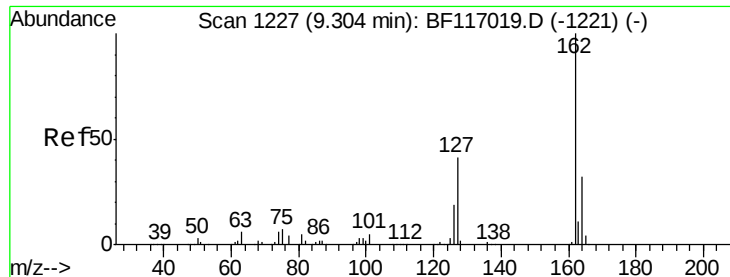
#46
1,1'-Biphenyl
Concen: 39.157 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:154 Resp: 484344
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 12.7 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

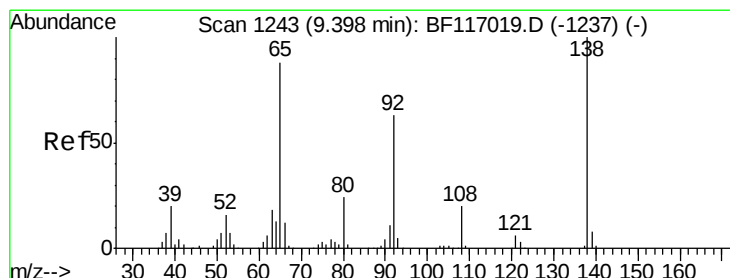
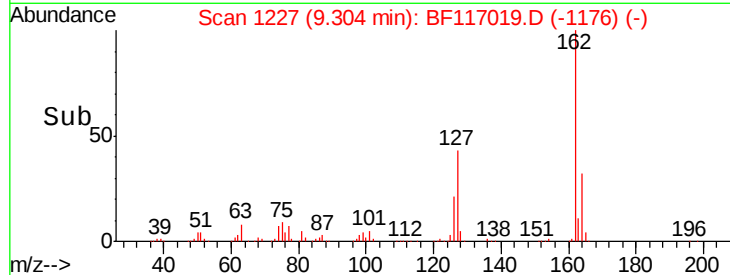
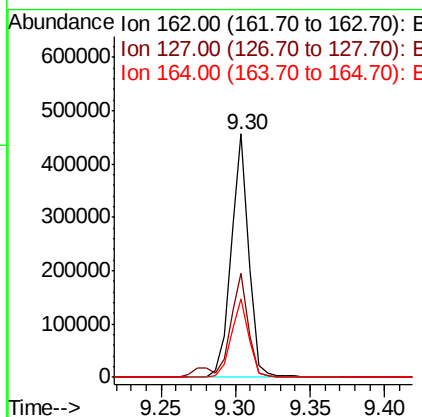
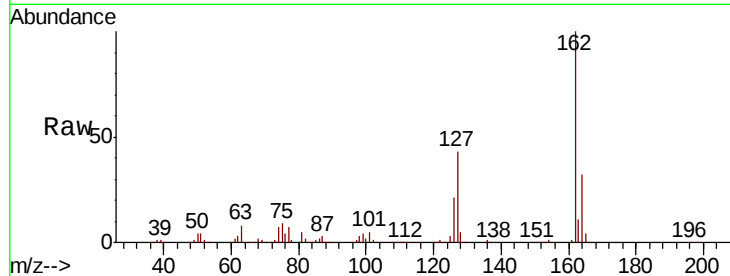




#47
 2-Chloronaphthalene
 Concen: 39.063 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

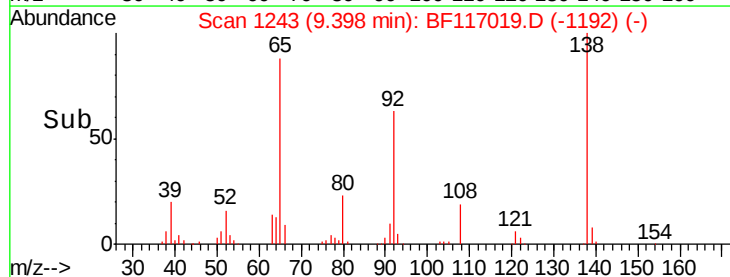
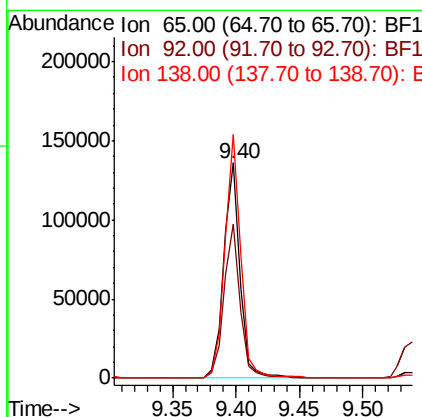
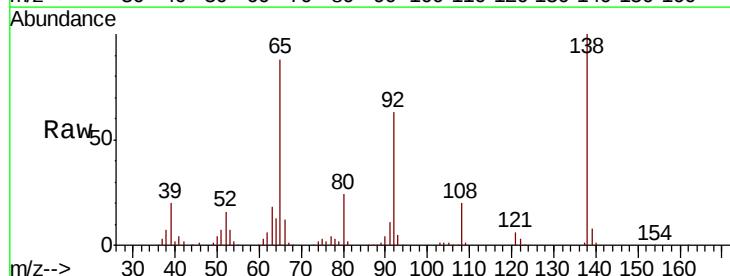
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162	Resp:	382698
Ion	Ratio	Lower Upper
162	100	
127	42.6	34.1 51.1
164	32.4	25.9 38.9



#48
 2-Nitroaniline
 Concen: 42.950 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion: 65	Resp:	121648
Ion	Ratio	Lower Upper
65	100	
92	71.9	57.5 86.3
138	113.3	90.6 136.0





#49

Acenaphthylene

Concen: 39.235 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampleId :

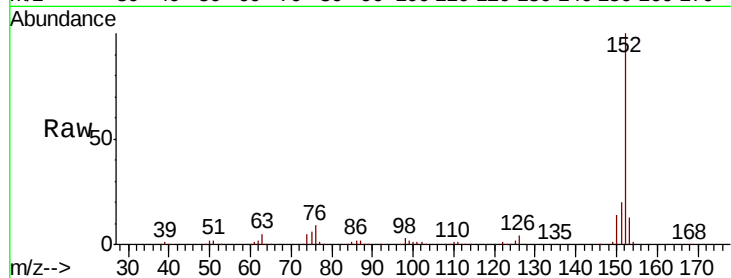
Tot Ion:152 Resp: 581041

Ion Ratio Lower Upper

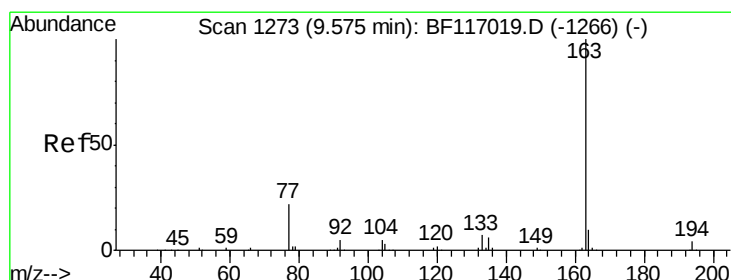
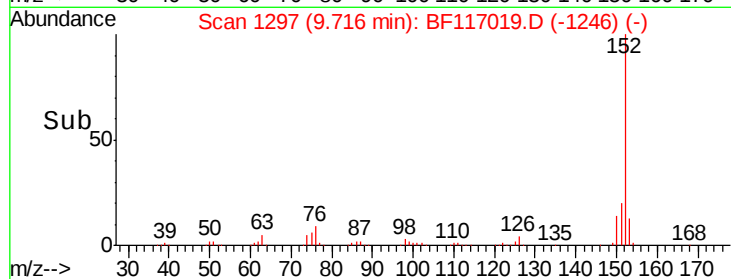
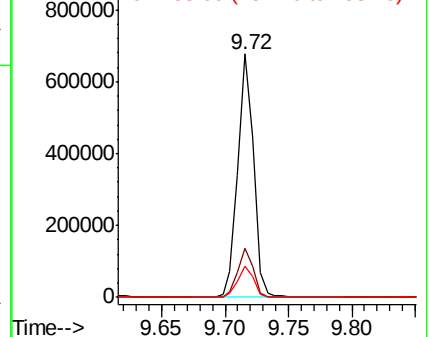
152 100

151 20.2 16.2 24.2

153 12.8 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: 39.013 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

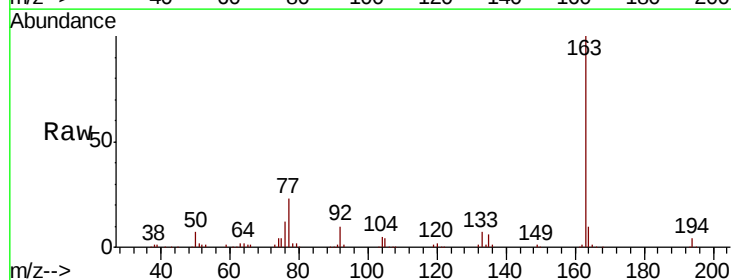
Tgt Ion:163 Resp: 439054

Ion Ratio Lower Upper

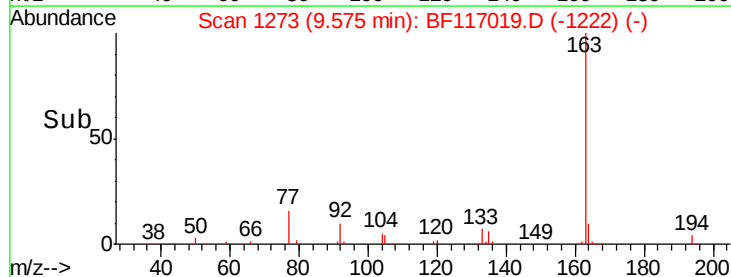
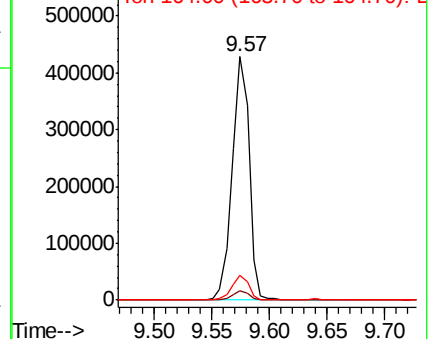
163 100

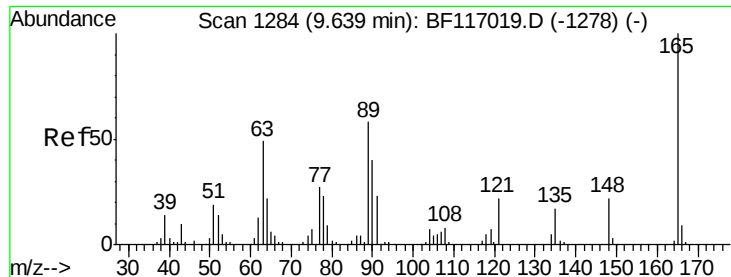
194 3.6 2.9 4.3

164 10.3 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: 41.654 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampleId :

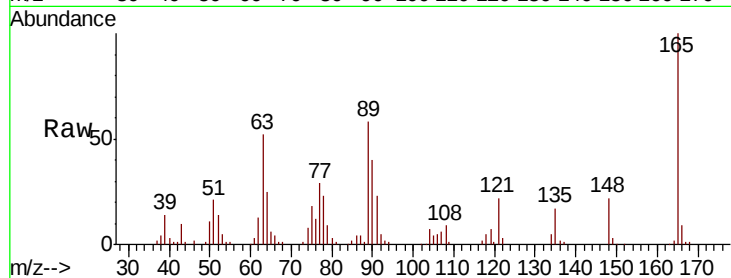
Tot Ion:165 Resp: 89439

Ion Ratio Lower Upper

165 100

63 52.3 41.8 62.8

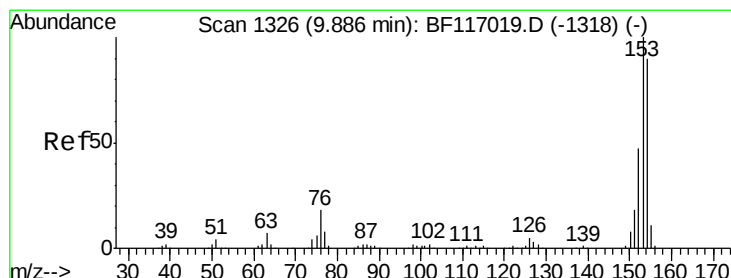
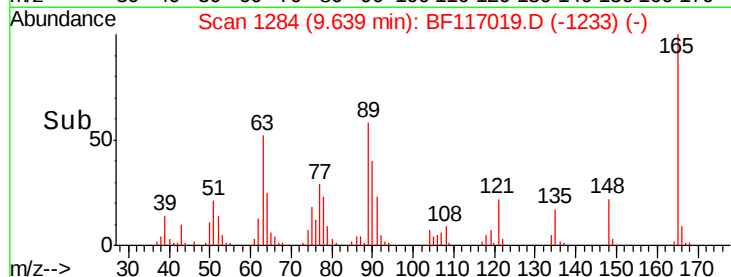
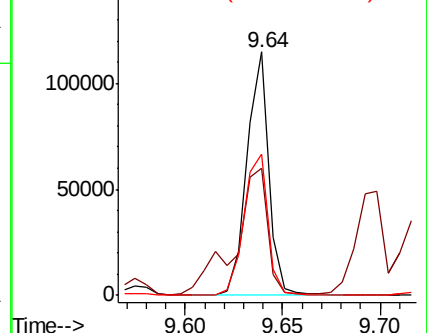
89 58.1 46.5 69.7



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: 37.727 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

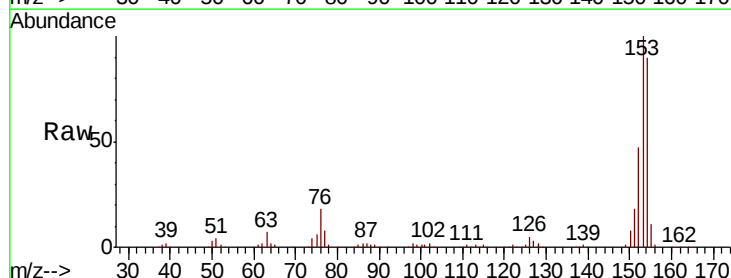
Tgt Ion:154 Resp: 343291

Ion Ratio Lower Upper

154 100

153 111.3 89.0 133.6

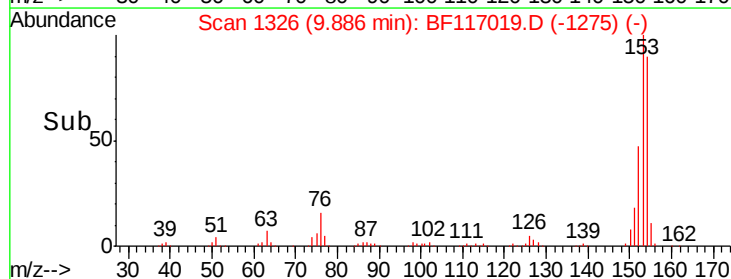
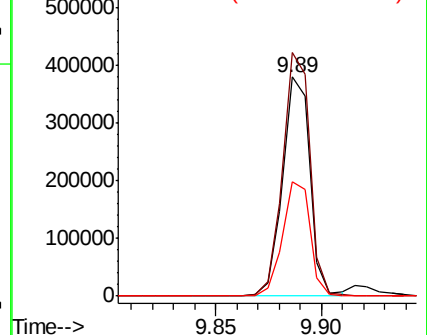
152 52.4 41.9 62.9

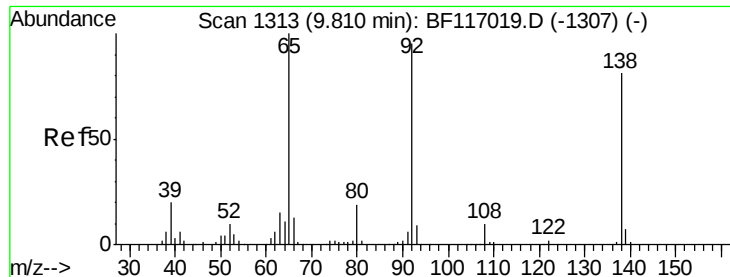


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

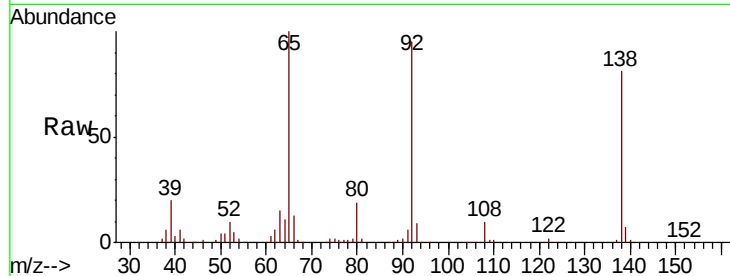




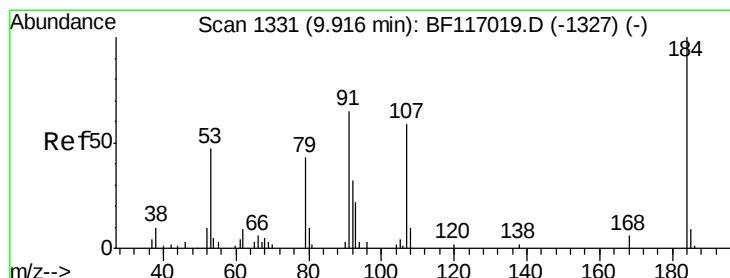
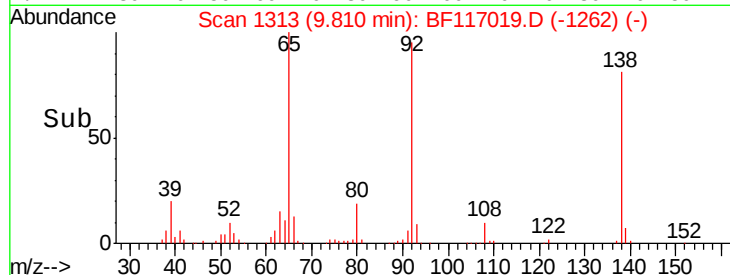
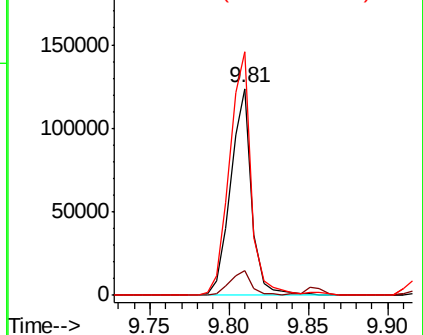
#53
3-Nitroaniline
Concen: 42.485 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 114323
Ion Ratio Lower Upper
138 100
108 11.9 9.5 14.3
92 117.6 94.1 141.1

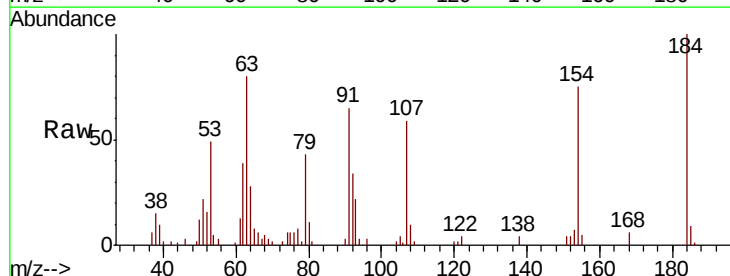


Abundance Ion 138.00 (137.70 to 138.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

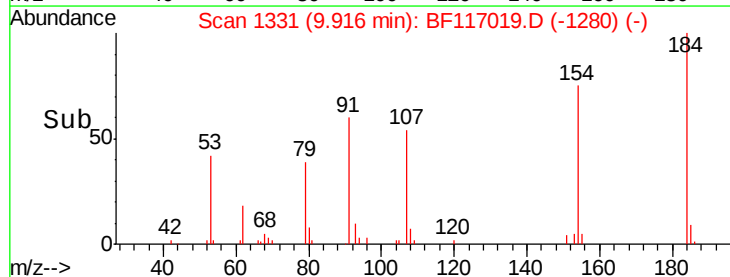
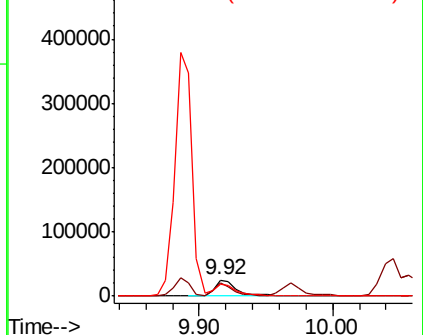


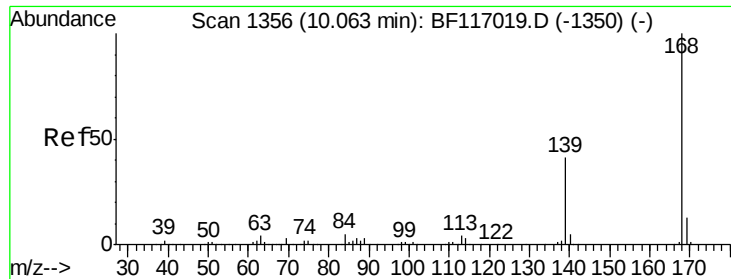
#54
2,4-Dinitrophenol
Concen: 48.027 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:184 Resp: 30296
Ion Ratio Lower Upper
184 100
63 79.7 63.8 95.6
154 75.5 60.4 90.6



Abundance Ion 184.00 (183.70 to 184.70): E
500000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.343 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampleId :

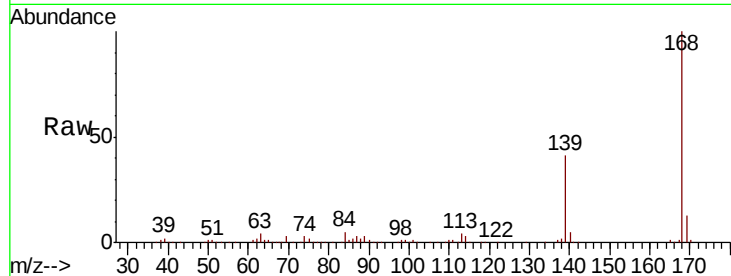
Tot Ion:168 Resp: 504674

Ion Ratio Lower Upper

168 100

139 41.0 32.8 49.2

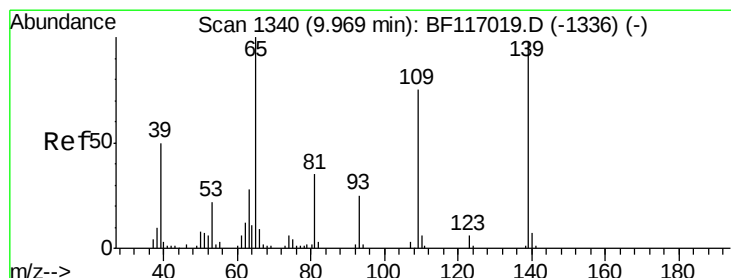
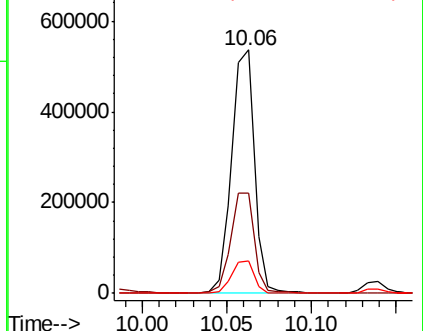
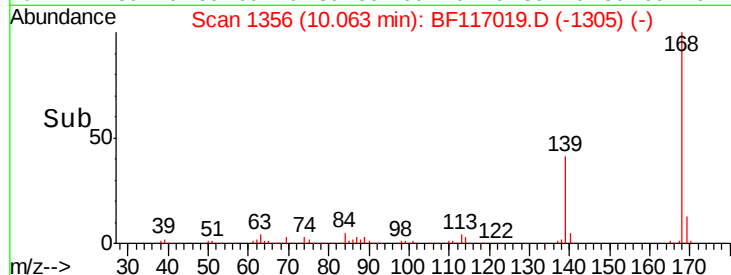
169 13.1 10.5 15.7



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: 40.464 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

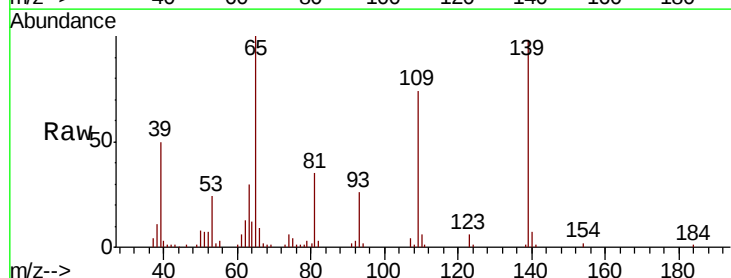
Tgt Ion:139 Resp: 74659

Ion Ratio Lower Upper

139 100

109 76.4 56.4 96.4

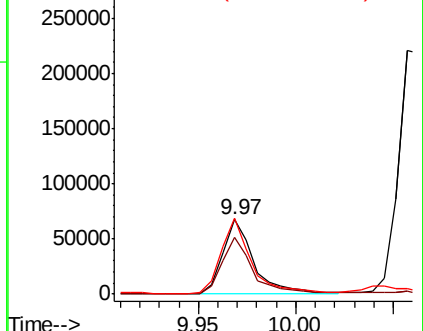
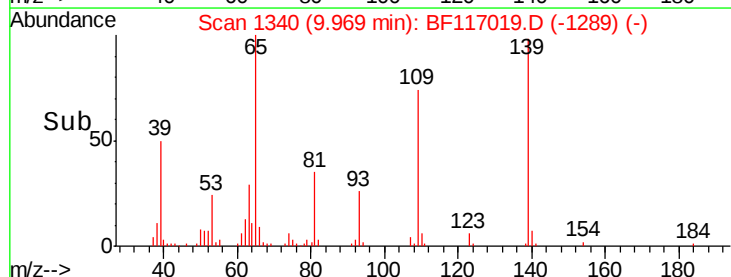
65 102.5 82.5 122.5



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

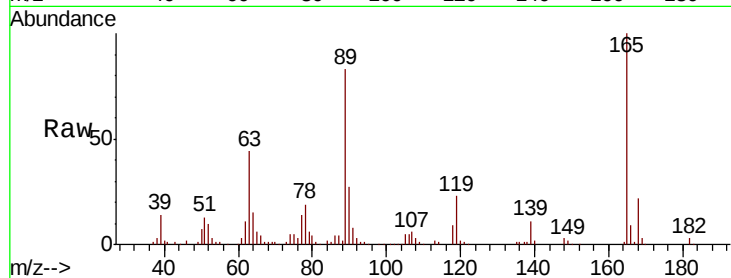




#57
 2,4-Dinitrotoluene
 Concen: 45.370 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.7	35.0	52.4
89	82.6	66.1	99.1
182	2.5	2.0	3.0



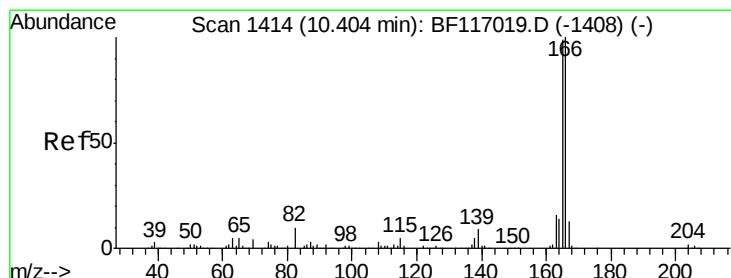
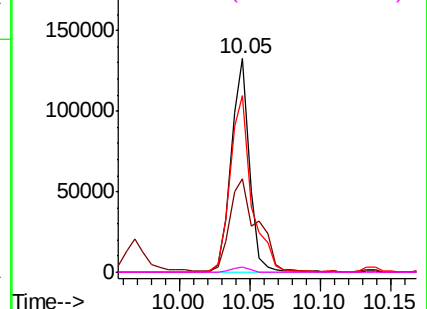
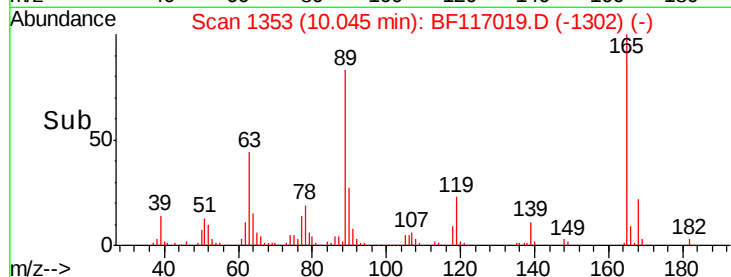
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

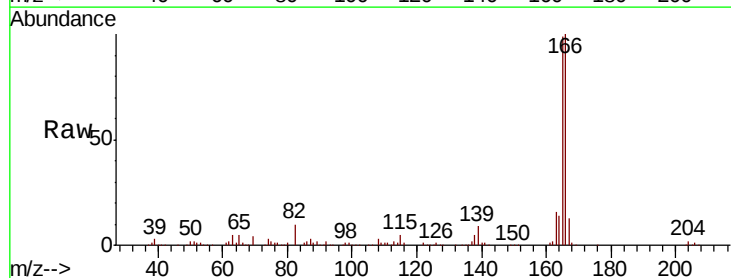
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.746 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.9	118.3
167	13.2	10.6	15.8

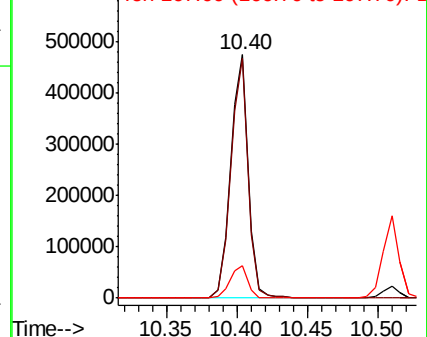
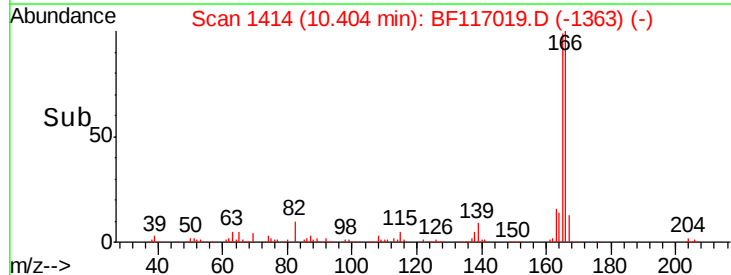


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

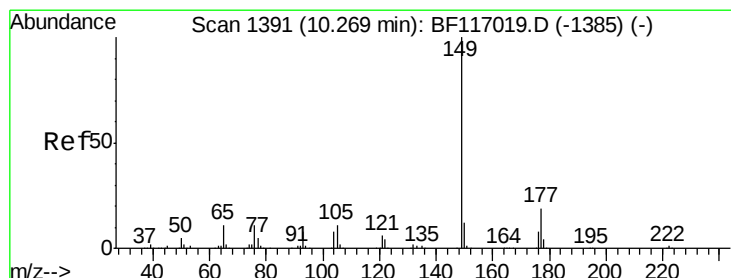
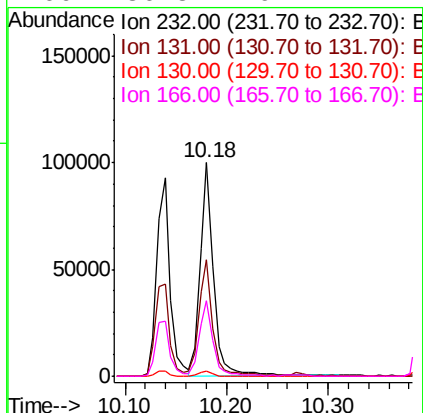
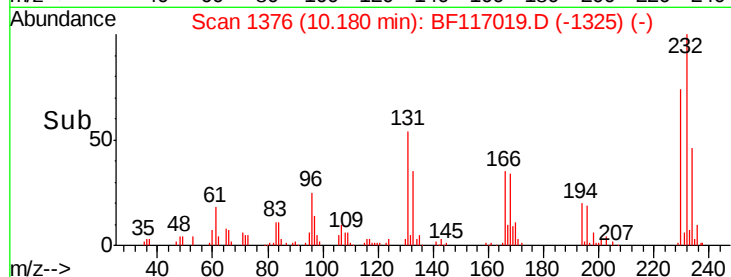
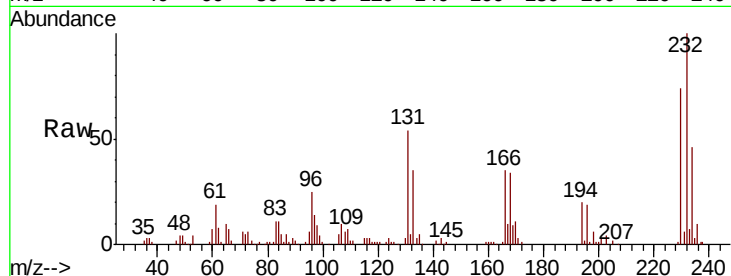




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.768 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

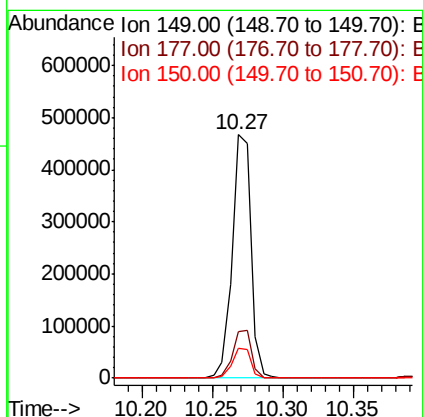
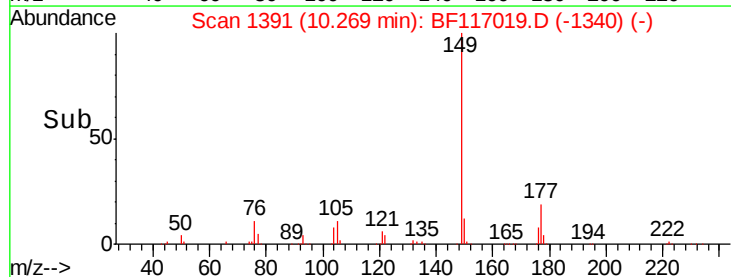
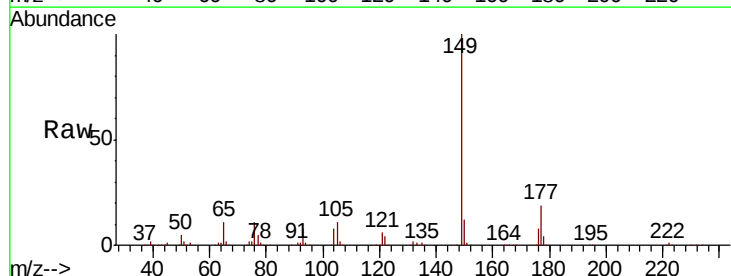
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	56.6	45.3	67.9
130	2.3	1.8	2.8
166	36.8	29.4	44.2



#60
Diethylphthalate
Concen: 38.586 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.0	15.2	22.8
150	12.4	9.9	14.9

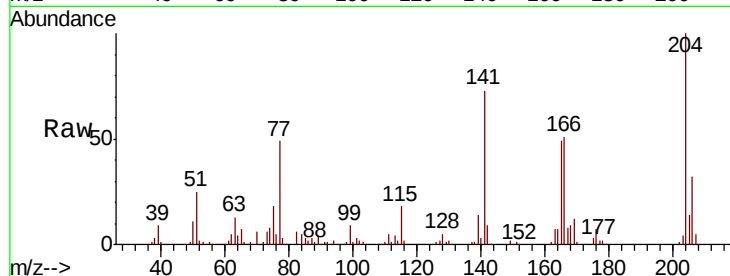




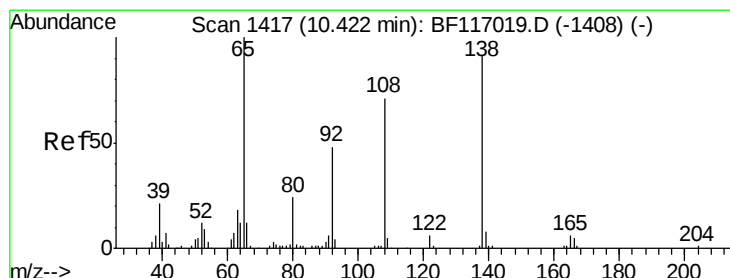
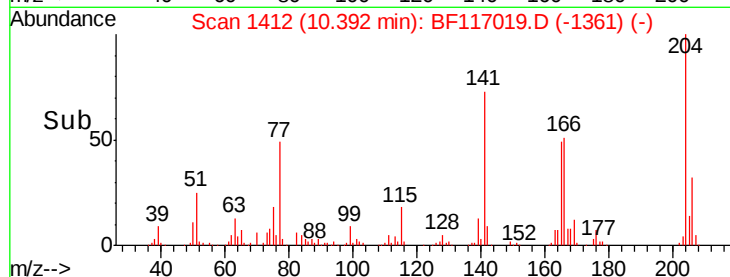
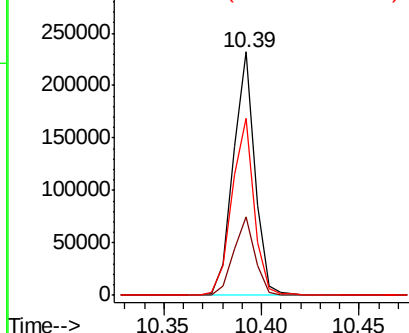
#61
4-Chlorophenyl-phenylether
Concen: 41.782 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 178829
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 72.7 58.2 87.2

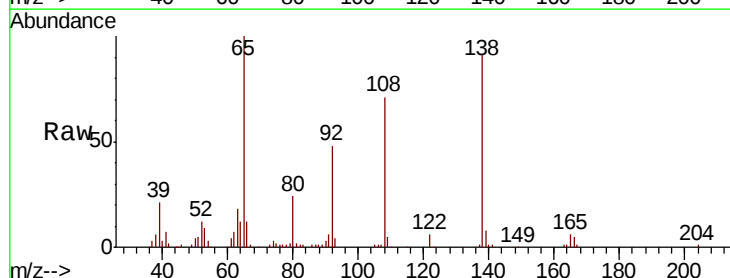


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

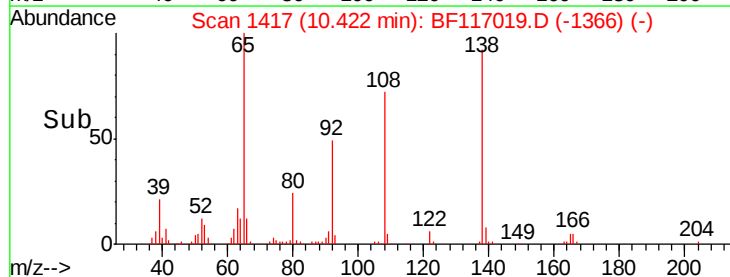
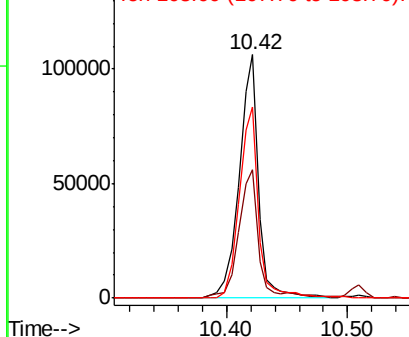


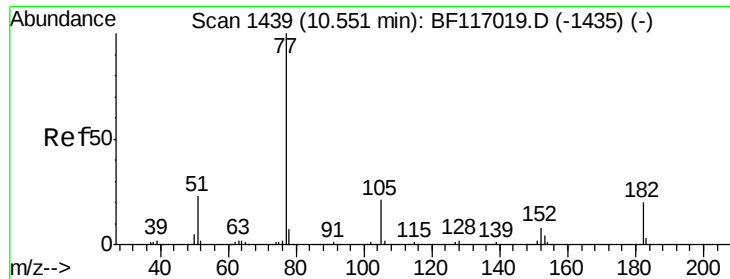
#62
4-Nitroaniline
Concen: 45.708 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:138 Resp: 119363
Ion Ratio Lower Upper
138 100
92 52.9 32.9 72.9
108 78.3 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: 37.640 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 442450

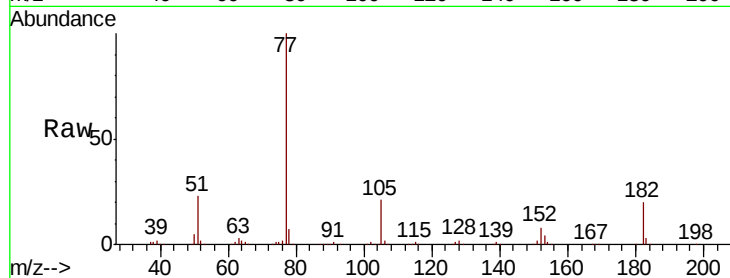
Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.4	40.4
105	20.9	0.9	40.9
51	22.8	2.8	42.8

77 100

182 20.4 0.4 40.4

105 20.9 0.9 40.9

51 22.8 2.8 42.8



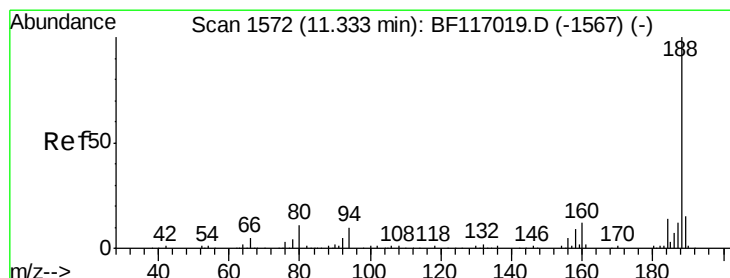
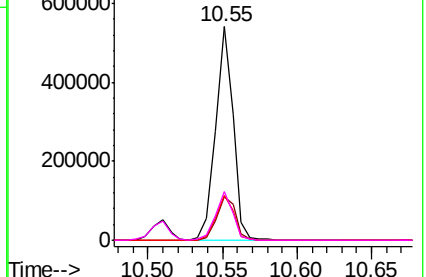
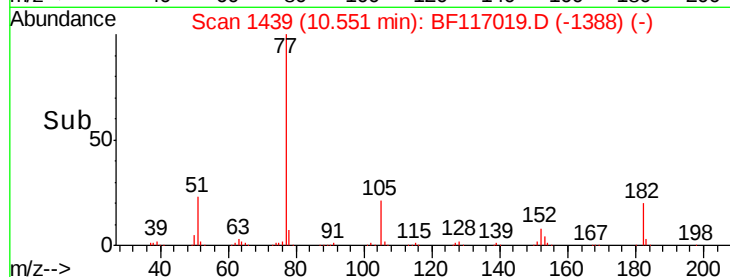
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

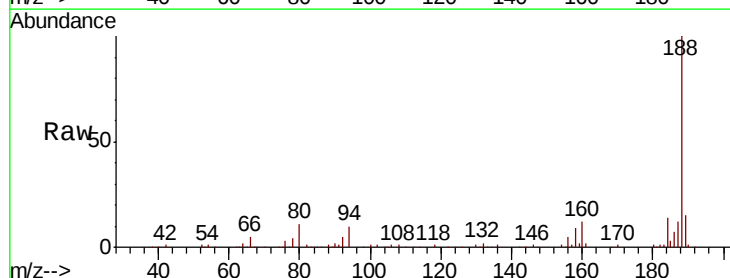
Tgt Ion: 188 Resp: 273975

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	11.3	9.0	13.6

188 100

94 10.2 8.2 12.2

80 11.3 9.0 13.6

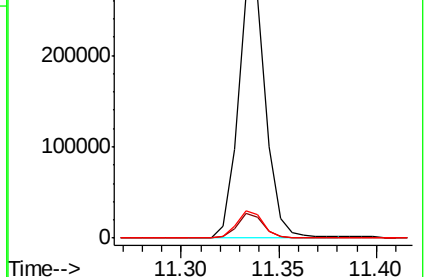
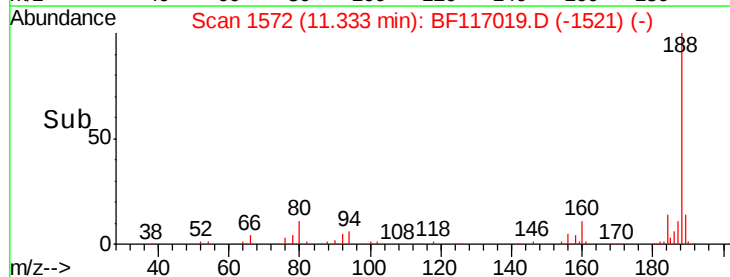


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

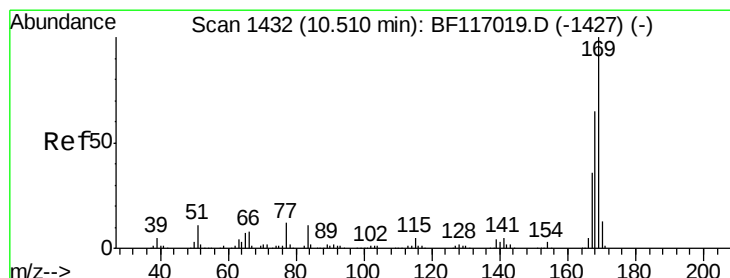
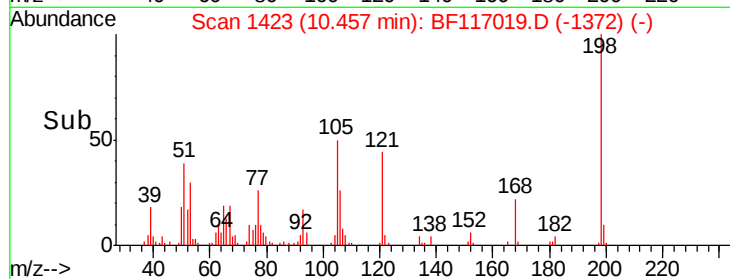
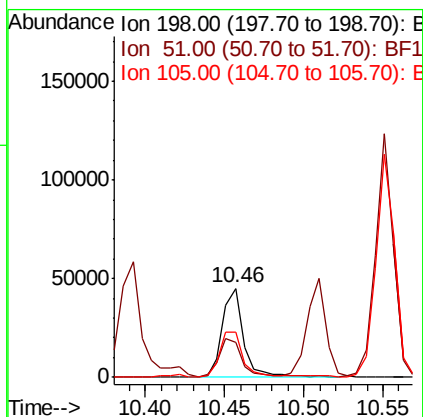
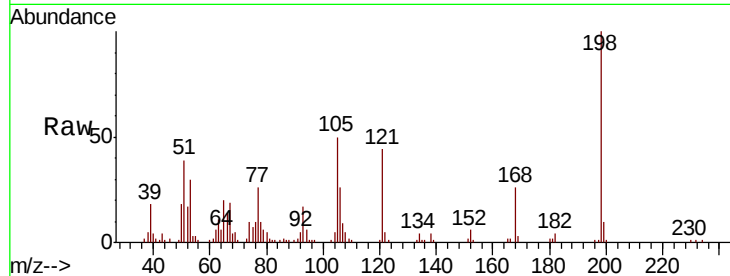




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.970 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

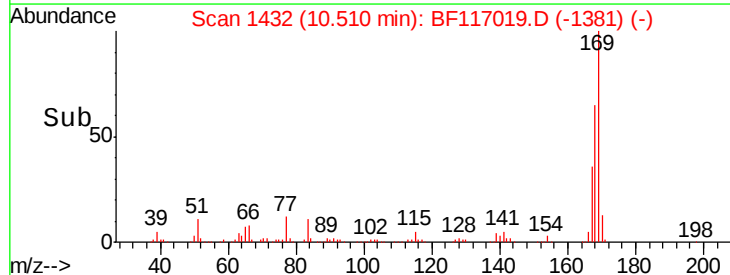
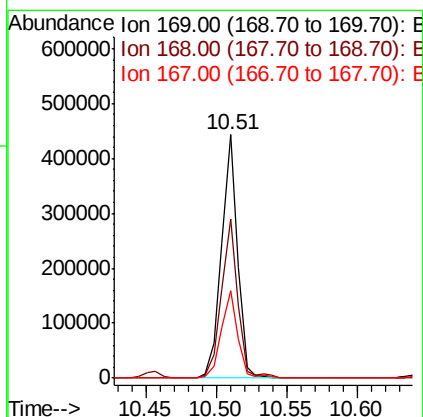
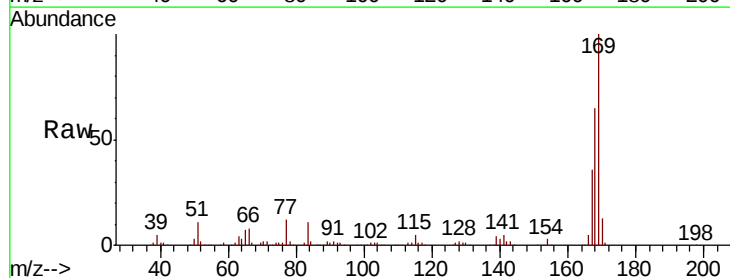
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 42535
 Ion Ratio Lower Upper
 198 100
 51 38.7 18.7 58.7
 105 50.2 30.2 70.2



#66
 n-Nitrosodiphenylamine
 Concen: 37.095 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion:169 Resp: 351576
 Ion Ratio Lower Upper
 169 100
 168 65.2 52.2 78.2
 167 36.0 28.8 43.2

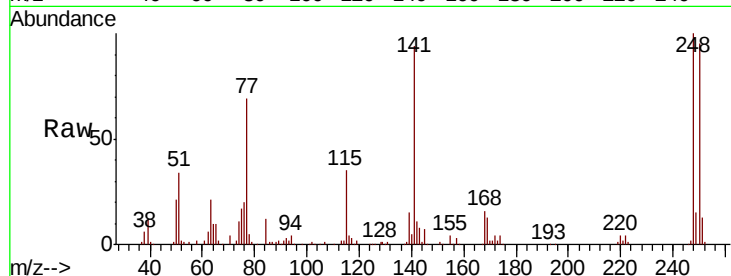




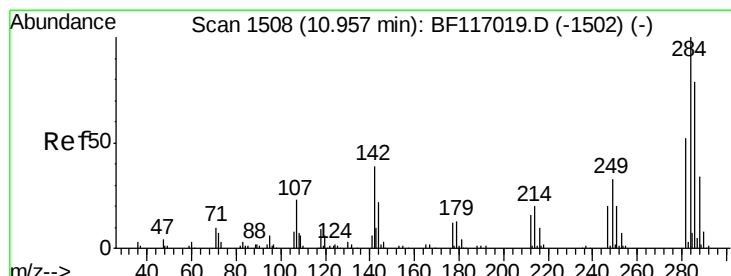
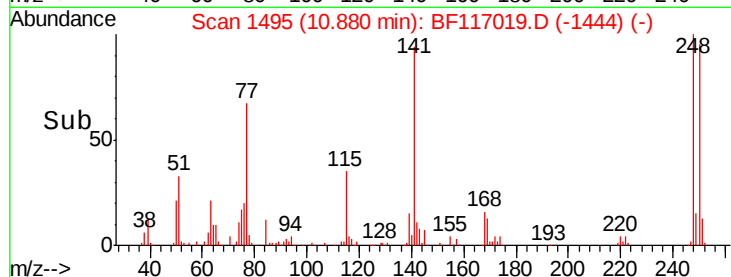
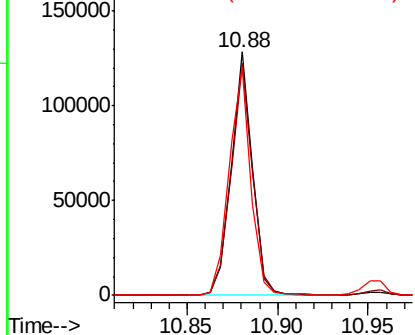
#67
4-Bromophenyl-phenylether
Concen: 37.593 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 104631
Ion Ratio Lower Upper
248 100
250 95.3 76.2 114.4
141 93.7 75.0 112.4

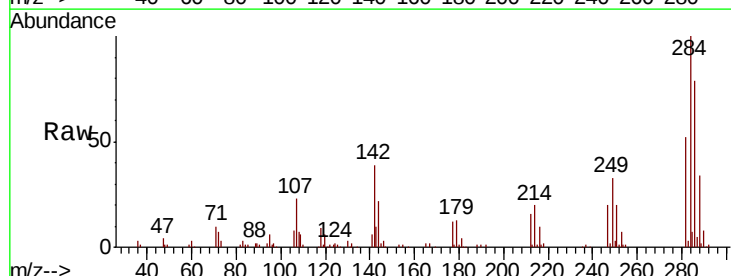


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

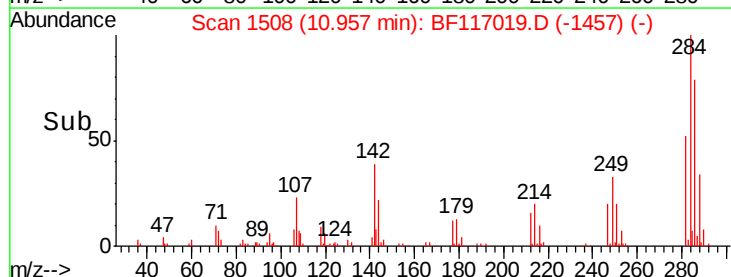
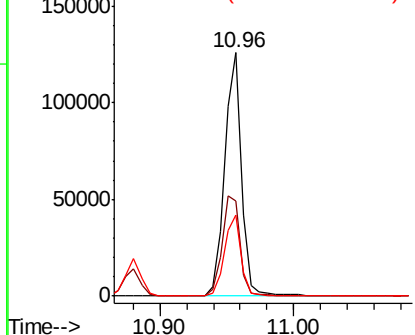


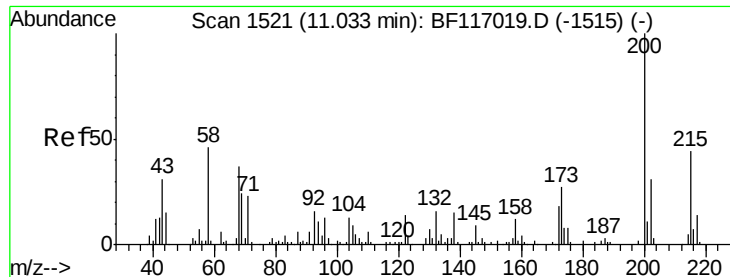
#68
Hexachlorobenzene
Concen: 38.585 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:284 Resp: 112358
Ion Ratio Lower Upper
284 100
142 39.3 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

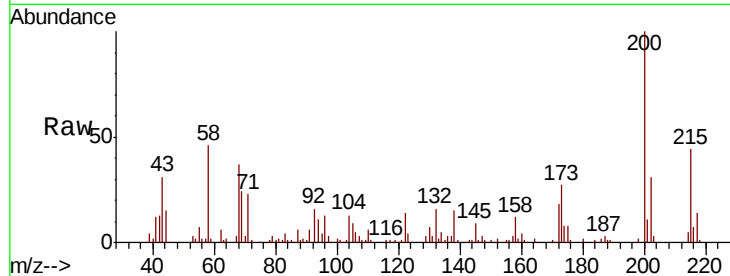




#69
 Atrazine
 Concen: 35.632 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.9	46.9
215	43.8	23.8	63.8

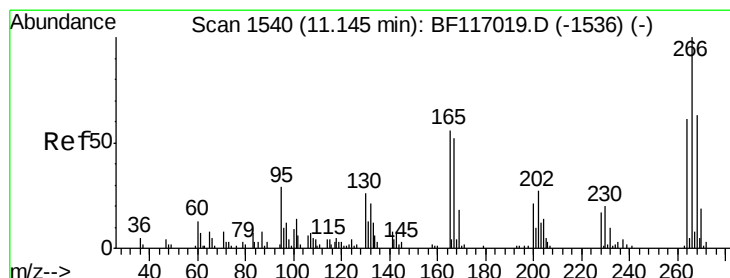
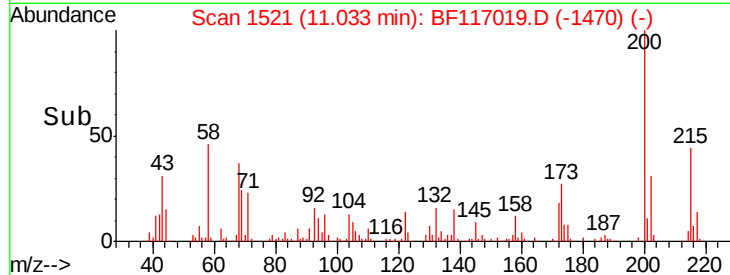
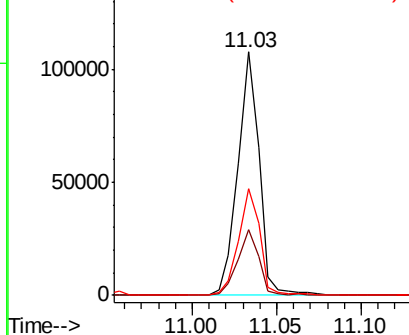


Abundance

Ion 200.00 (199.70 to 200.70): E

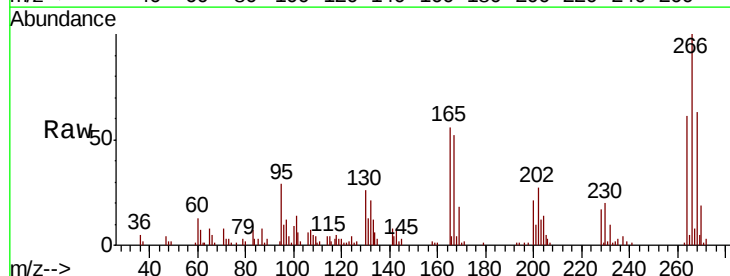
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 38.395 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.5	75.7
264	61.0	48.8	73.2

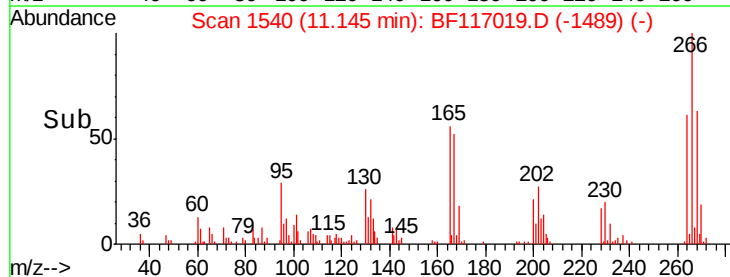
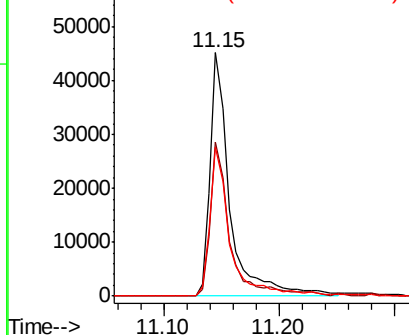


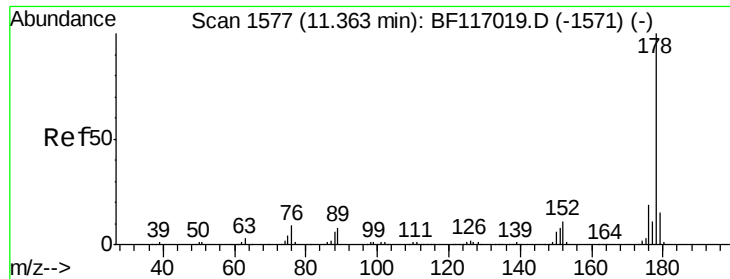
Abundance

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

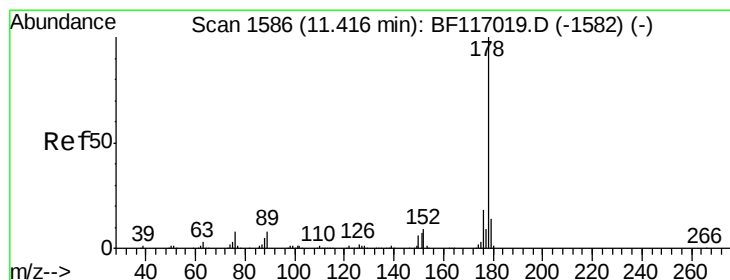
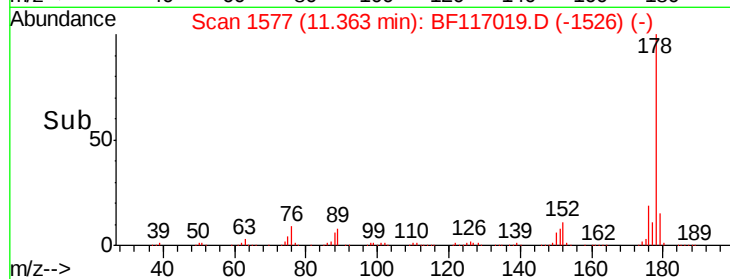
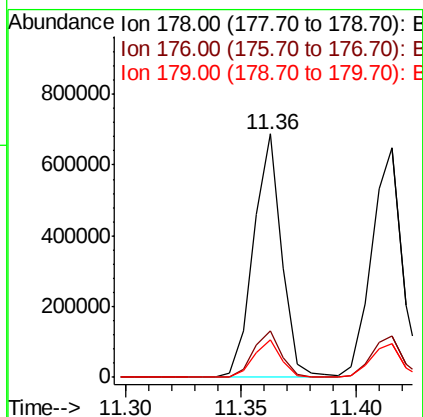
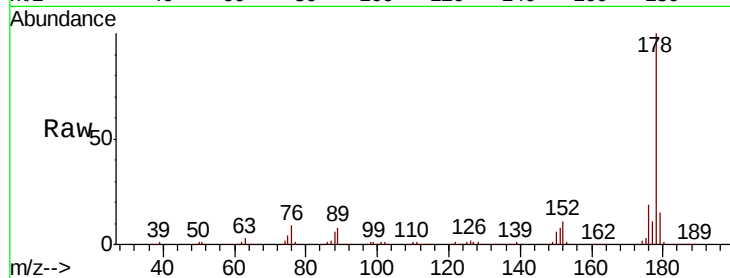




#71
 Phenanthrene
 Concen: 38.559 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

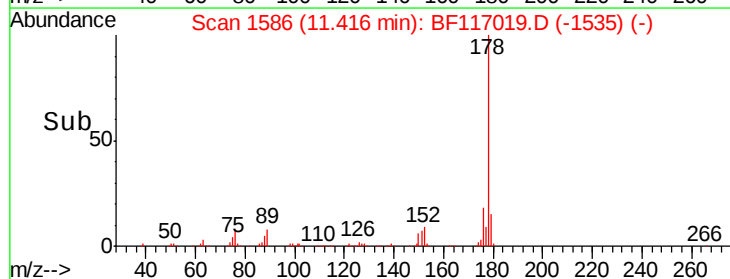
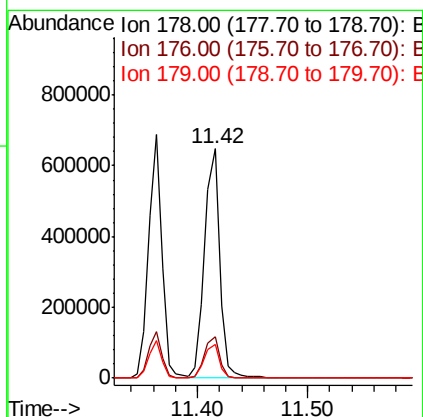
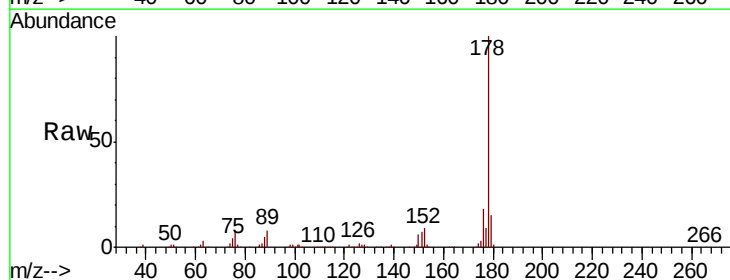
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.4	18.6



#72
 Anthracene
 Concen: 39.197 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	14.5	11.6	17.4

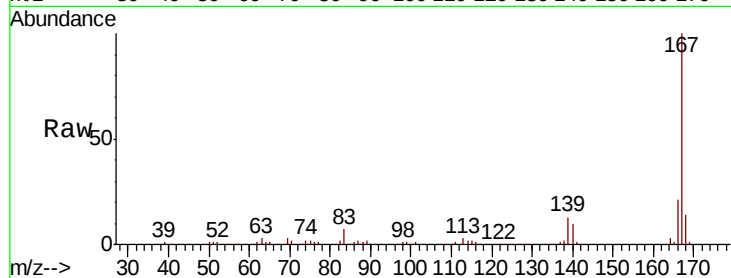




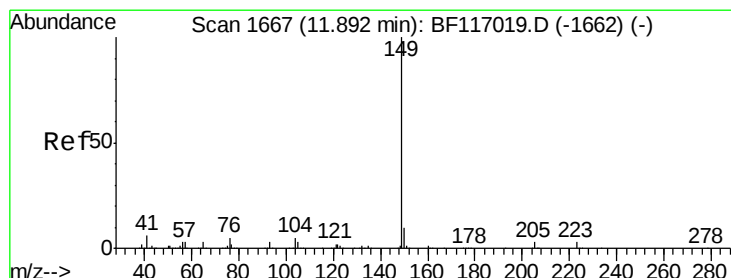
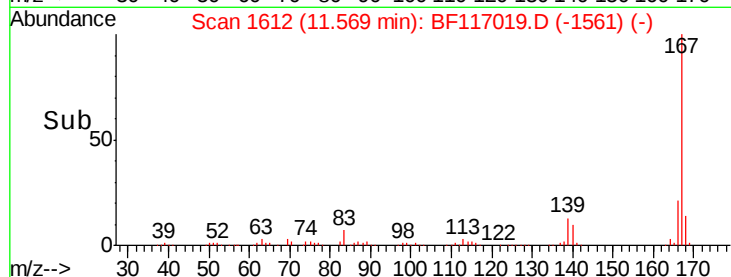
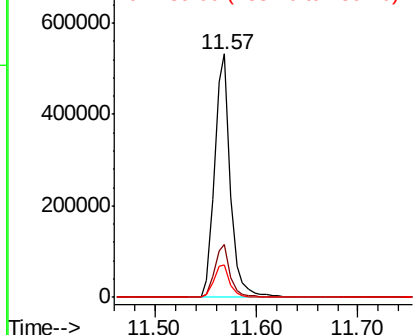
#73
 Carbazole
 Concen: 39.429 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 576614
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.3 10.6 16.0

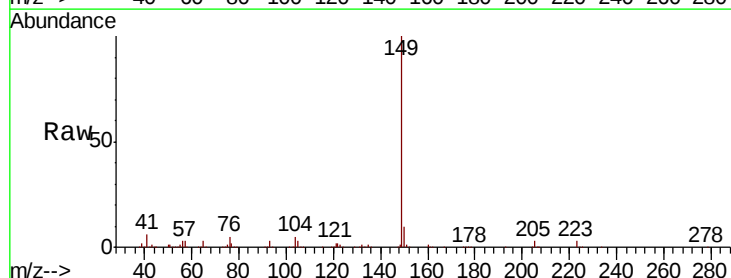


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

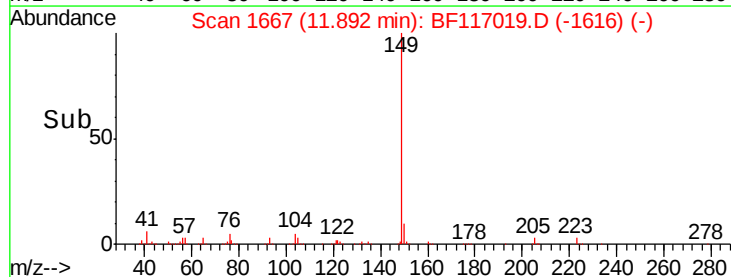
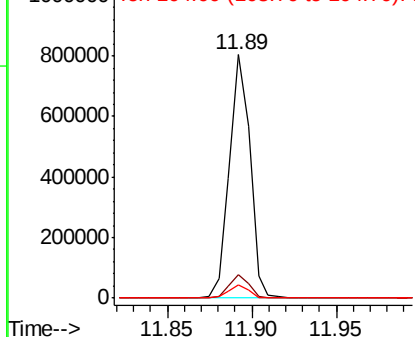


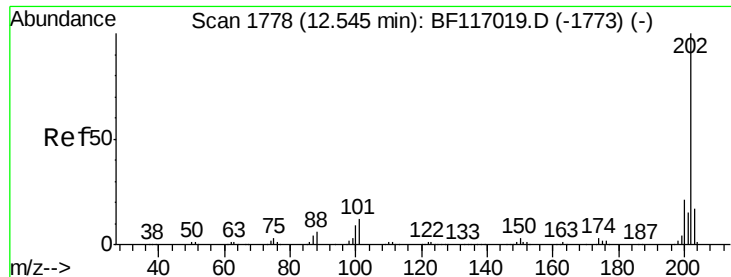
#74
 Di-n-butylphthalate
 Concen: 36.447 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117019.D
 Acq: 13 Sep 2019 13:22

Tgt Ion:149 Resp: 683305
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.3 4.2 6.4



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





#75

Fluoranthene

Concen: 40.775 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampleId :

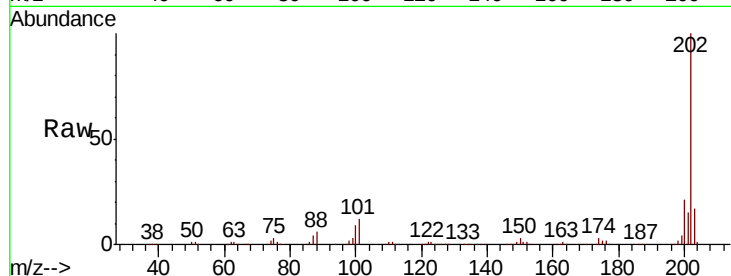
Tot Ion:202 Resp: 611137

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.3

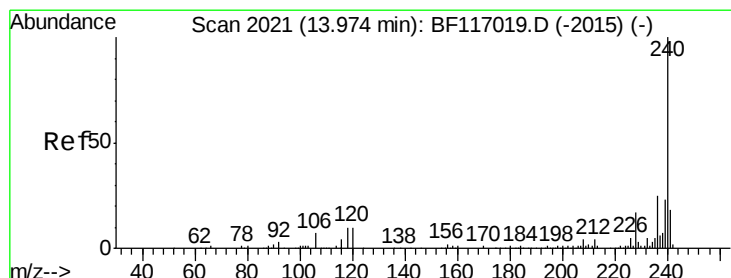
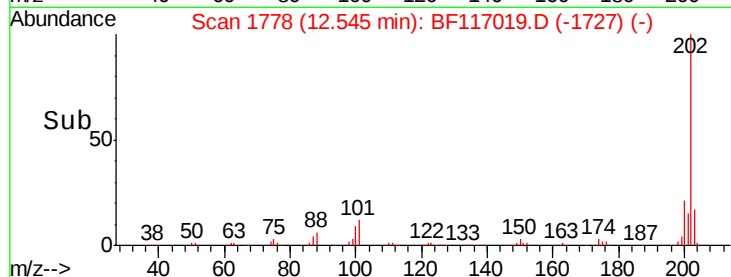
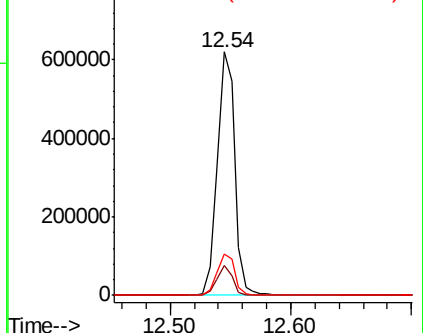
203 17.1 0.0 37.1



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# 2021

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

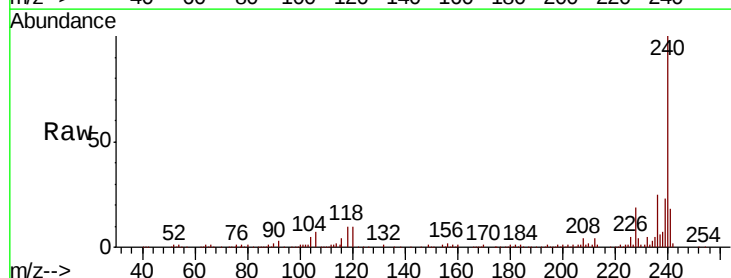
Tgt Ion:240 Resp: 206918

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

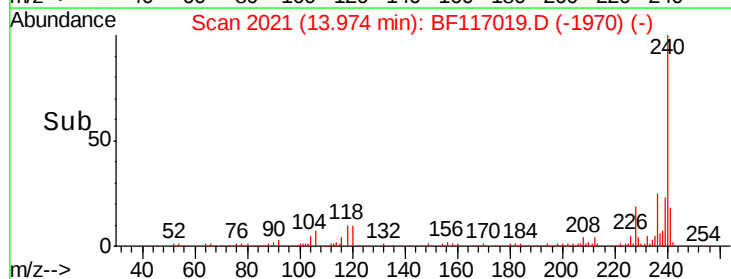
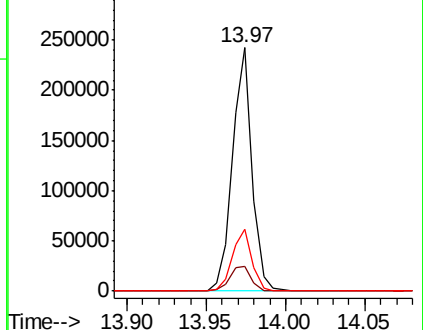
236 25.4 20.3 30.5

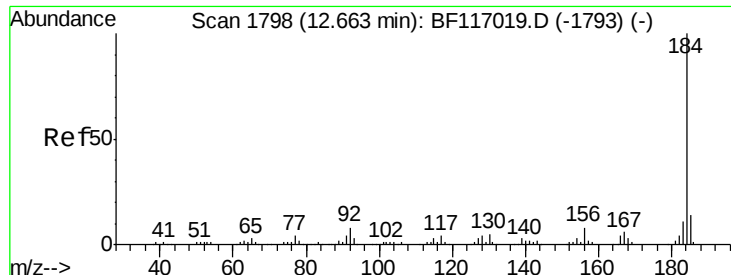


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.497 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampleId :

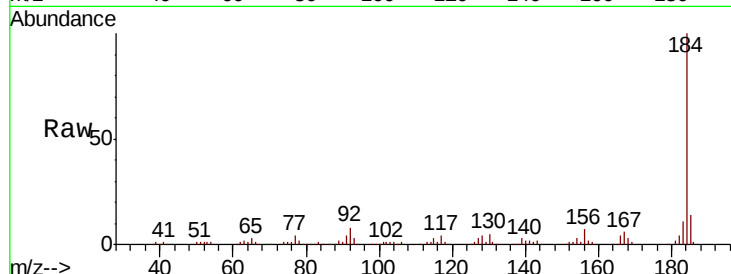
Tot Ion:184 Resp: 255628

Ion Ratio Lower Upper

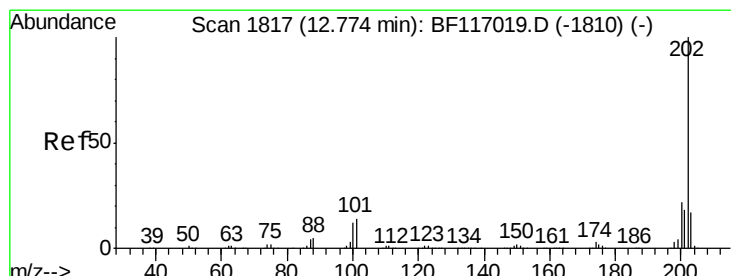
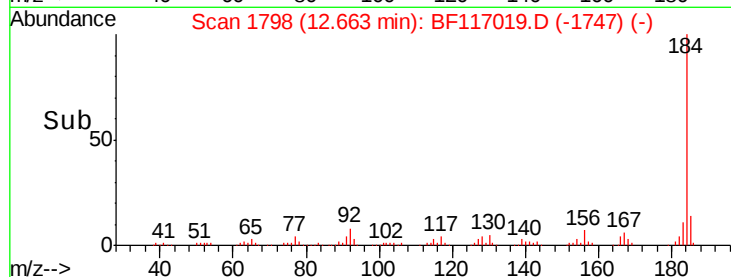
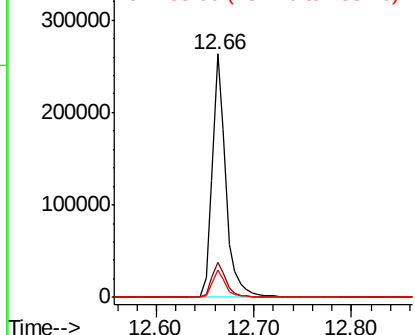
184 100

185 14.5 11.6 17.4

183 11.2 9.0 13.4



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



#78

Pyrene

Concen: 33.580 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

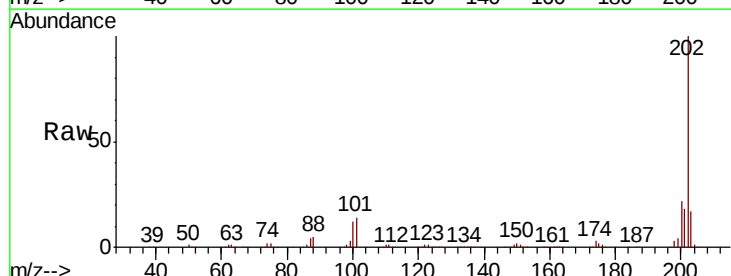
Tgt Ion:202 Resp: 617649

Ion Ratio Lower Upper

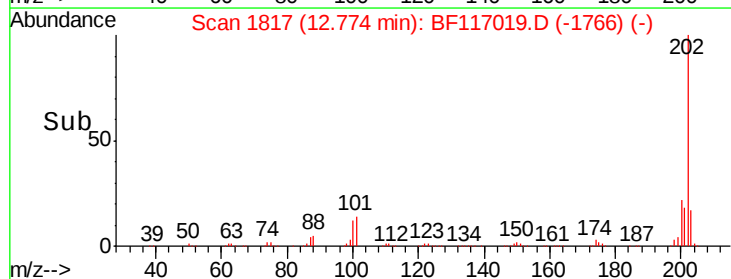
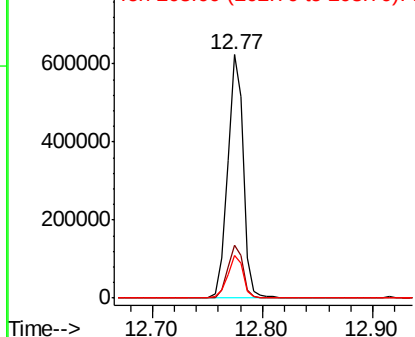
202 100

200 21.5 17.2 25.8

203 17.5 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: 71.258 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampled :

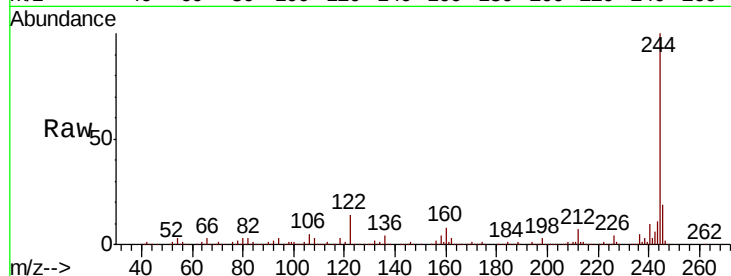
Tot Ion:244 Resp: 797030

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

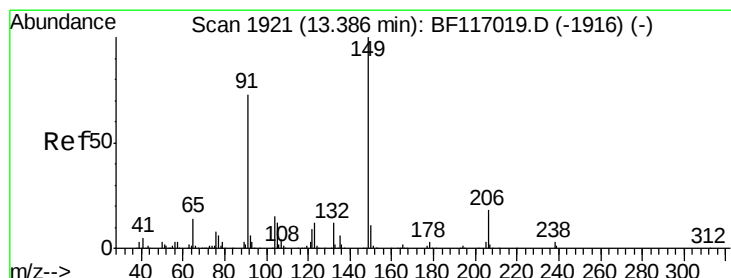
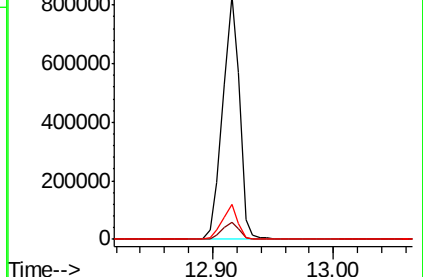
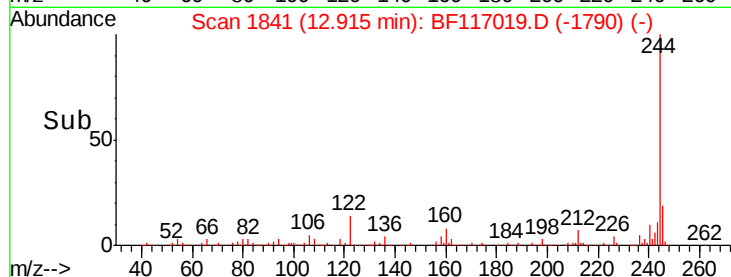
122 14.1 11.3 16.9



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: 33.111 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

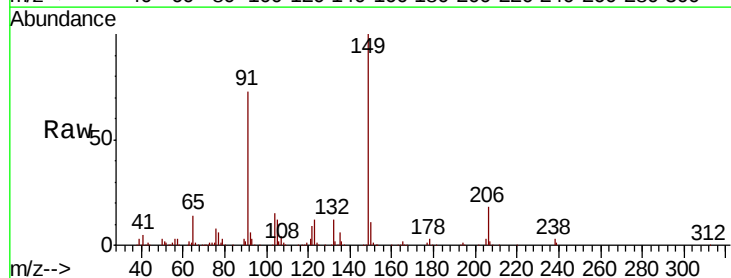
Tgt Ion:149 Resp: 296172

Ion Ratio Lower Upper

149 100

91 73.5 58.8 88.2

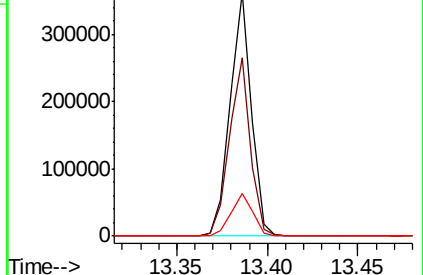
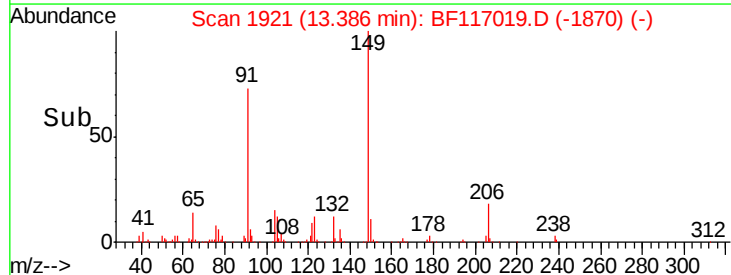
206 17.6 14.1 21.1

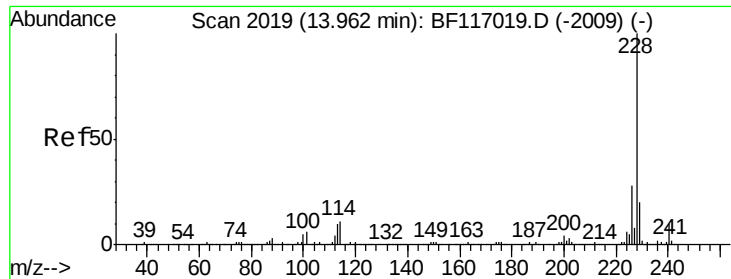


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.072 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampleId :

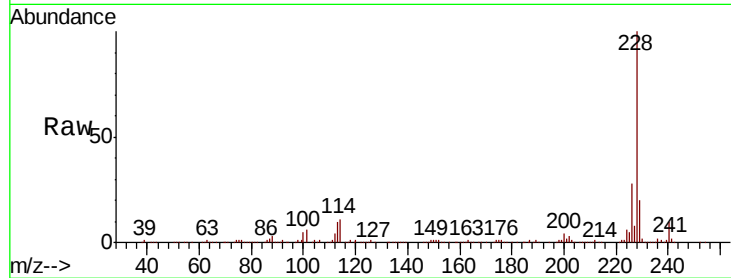
Tot Ion:228 Resp: 511678

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

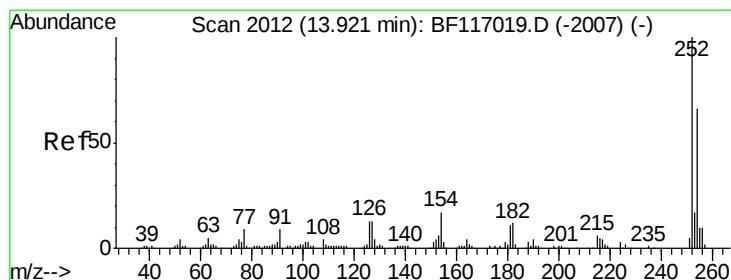
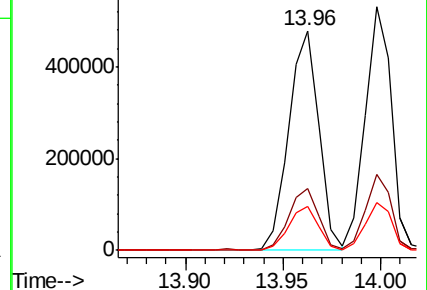
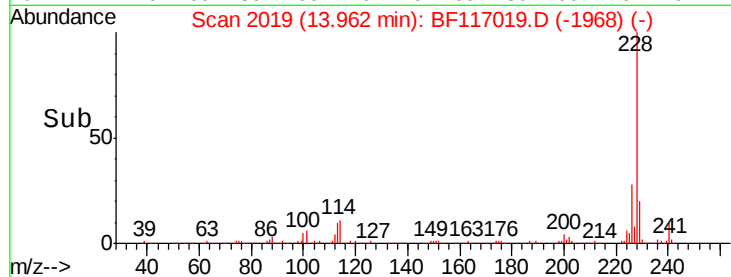
229 19.9 15.9 23.9



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: 37.687 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

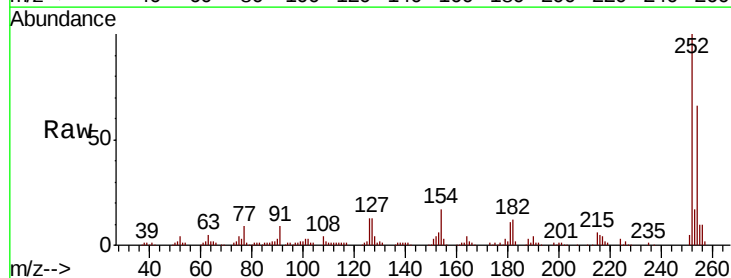
Tgt Ion:252 Resp: 166791

Ion Ratio Lower Upper

252 100

254 65.8 52.6 79.0

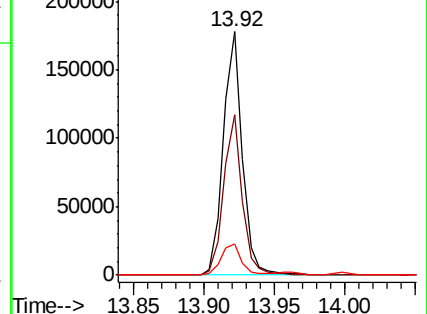
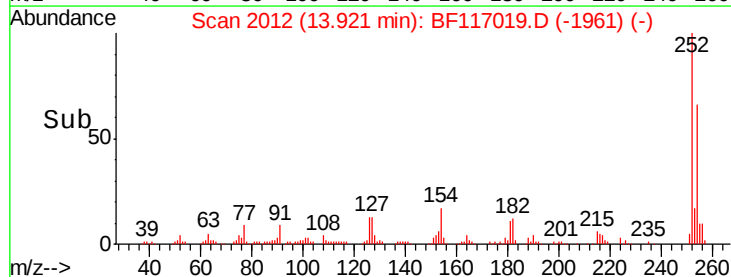
126 13.0 10.4 15.6

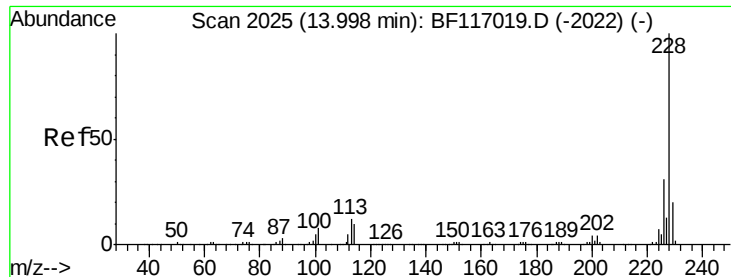


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.847 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampleId :

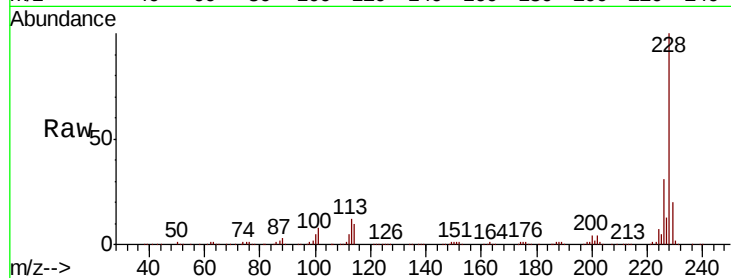
Tot Ion:228 Resp: 497140

Ion Ratio Lower Upper

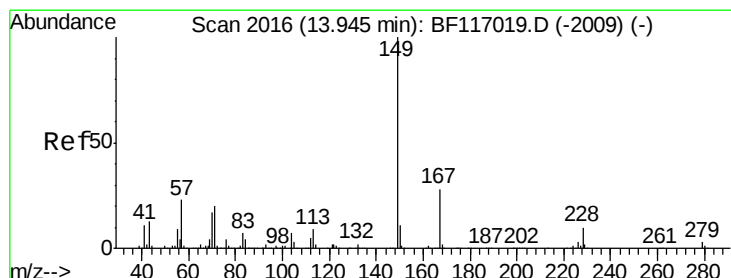
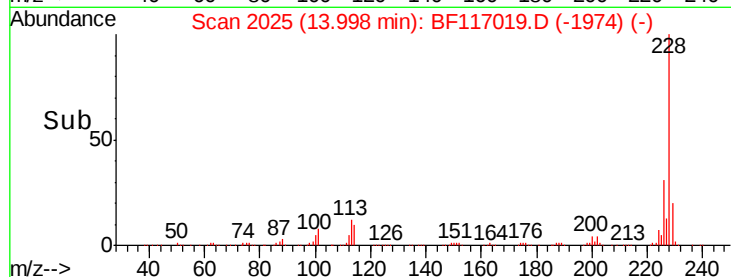
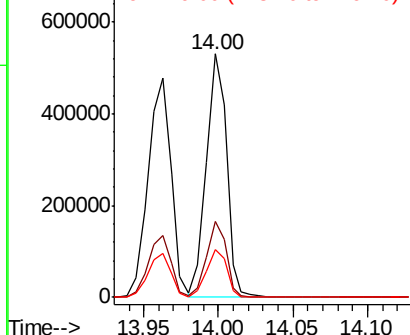
228 100

226 31.0 24.8 37.2

229 19.8 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: 34.626 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

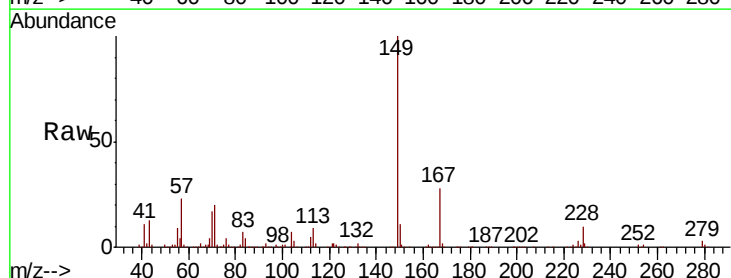
Tgt Ion:149 Resp: 382327

Ion Ratio Lower Upper

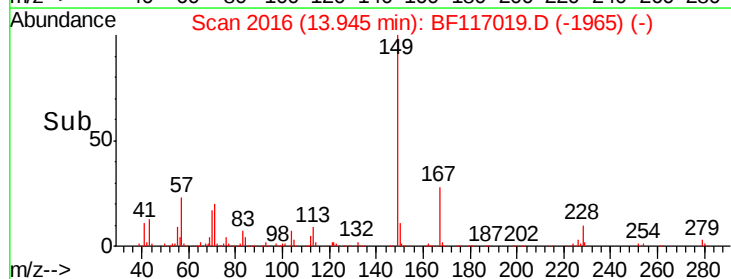
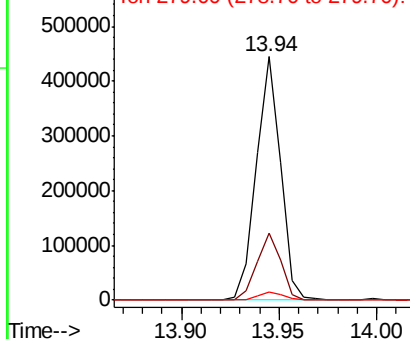
149 100

167 27.7 22.2 33.2

279 3.5 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

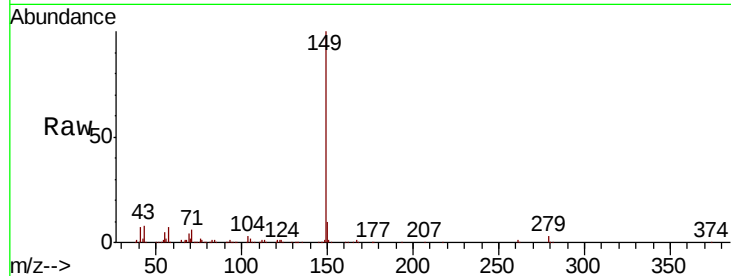




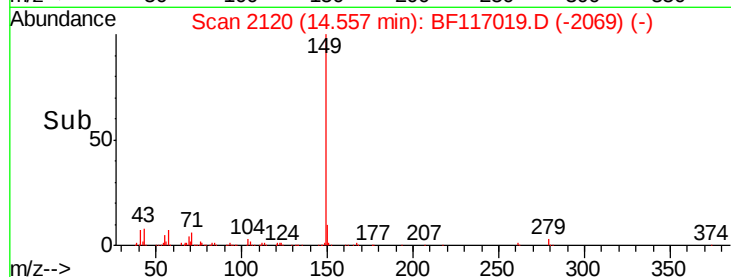
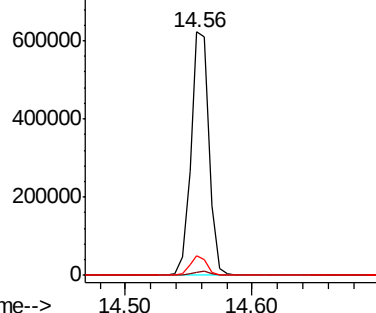
#85
Di-n-octyl phthalate
Concen: 34.265 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 619147
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.8 6.2 9.4

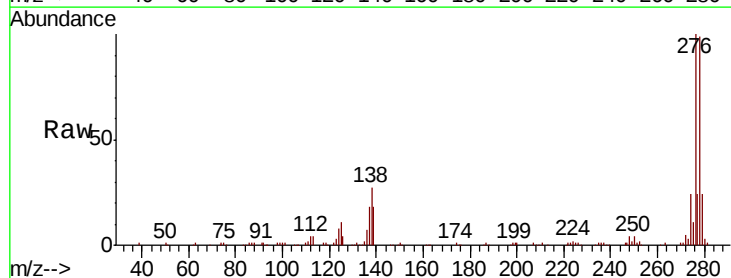


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

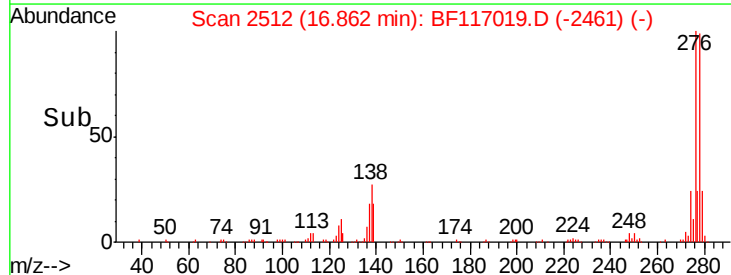
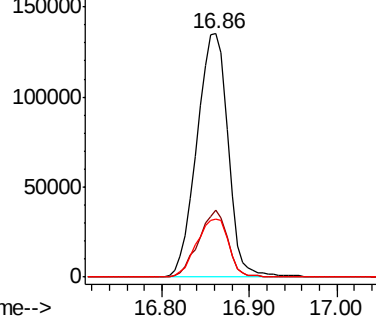


#86
Indeno(1,2,3-cd)pyrene
Concen: 30.324 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:276 Resp: 328622
Ion Ratio Lower Upper
276 100
138 25.9 20.7 31.1
277 24.8 19.8 29.8



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



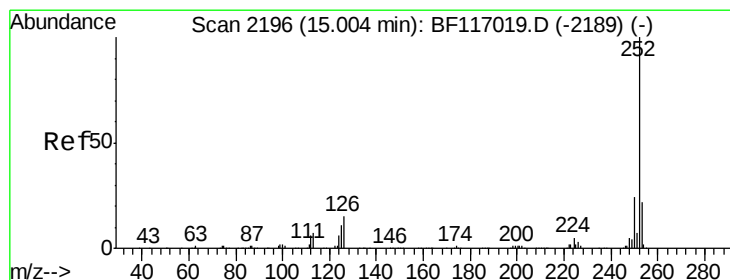
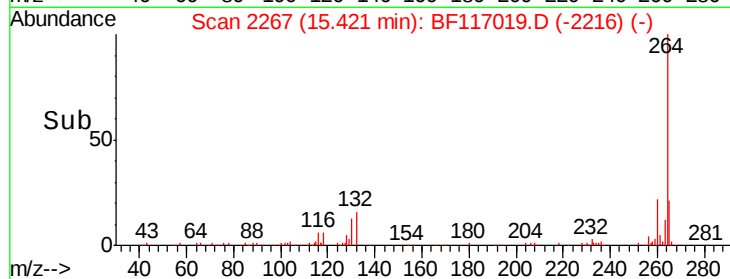
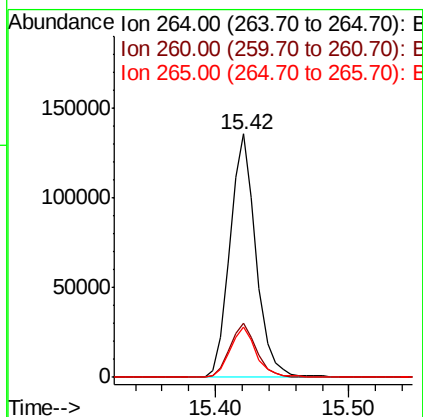
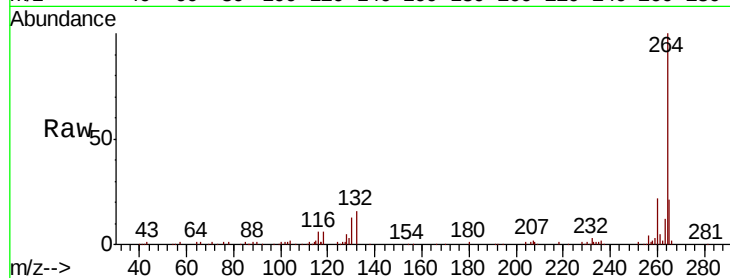


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 185062

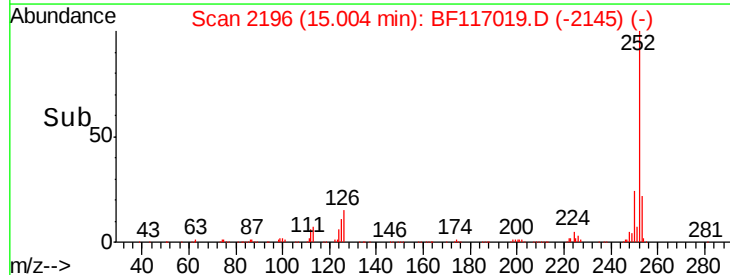
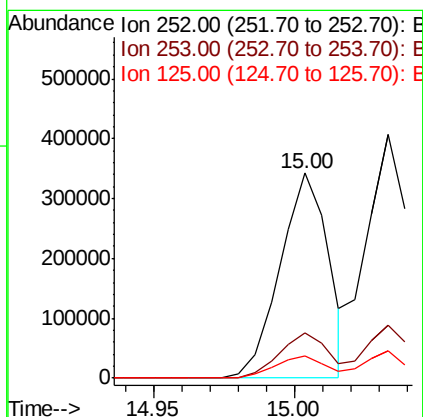
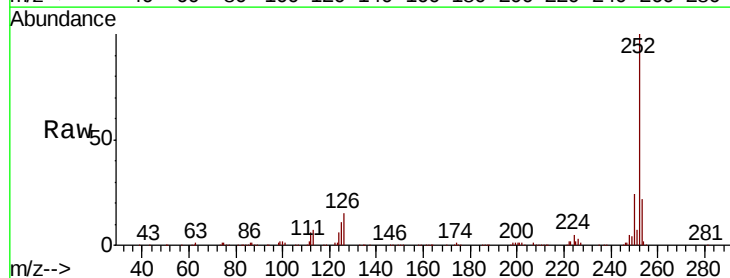
Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.6	26.4
265	20.7	16.6	24.8

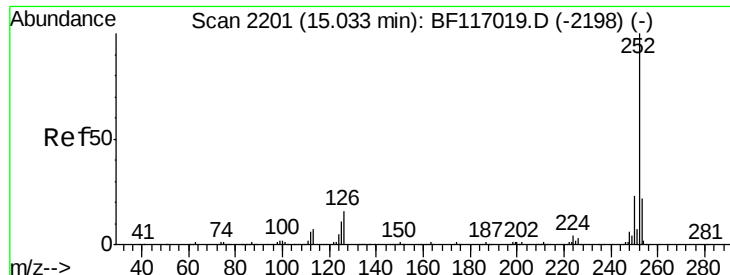


#88
Benzo(b)fluoranthene
Concen: 36.417 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:252 Resp: 407456

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.7	8.6	12.8

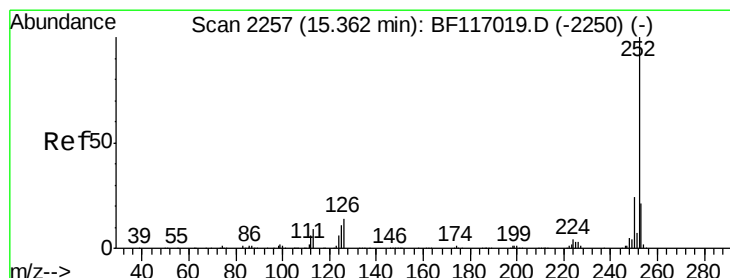
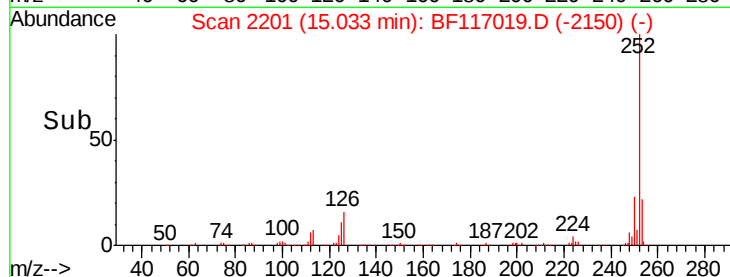
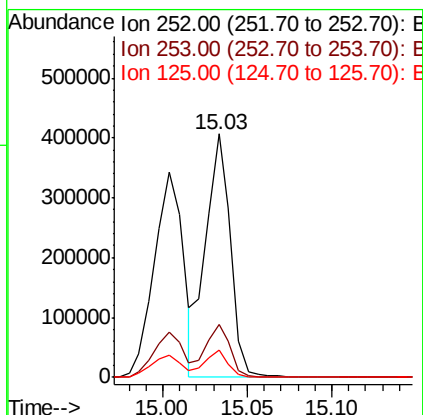
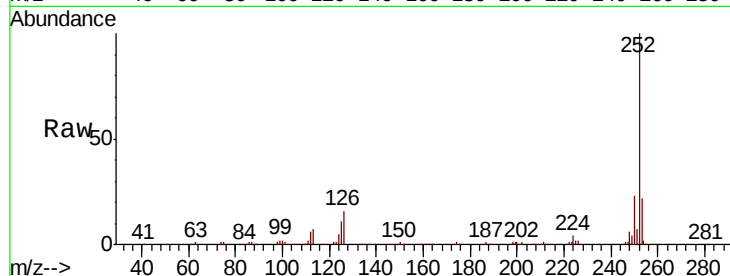




#89
Benzo(k)fluoranthene
Concen: 40.606 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

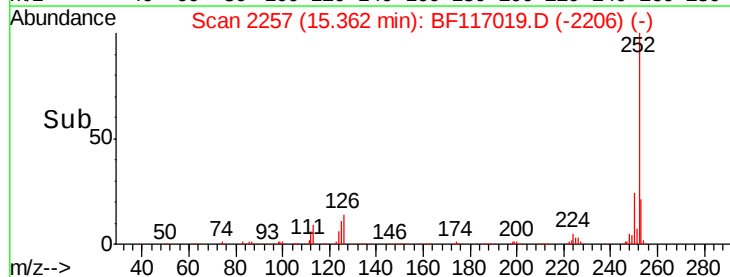
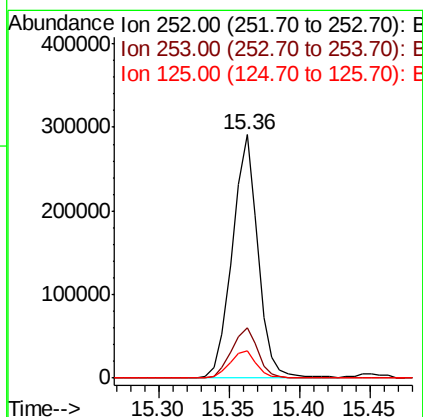
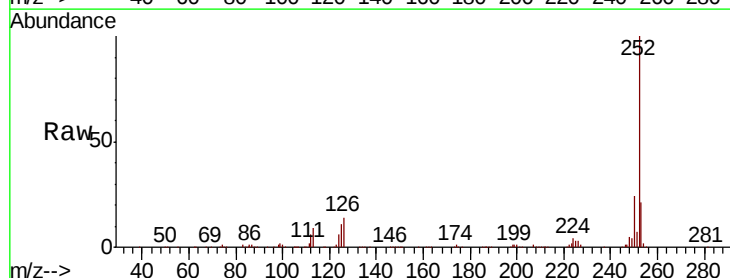
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 414236
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.0 8.8 13.2



#90
Benzo(a)pyrene
Concen: 37.931 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF117019.D
Acq: 13 Sep 2019 13:22

Tgt Ion:252 Resp: 369230
Ion Ratio Lower Upper
252 100
253 20.8 16.6 25.0
125 11.1 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 31.233 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

Instrument :

BNA_F

ClientSampleId :

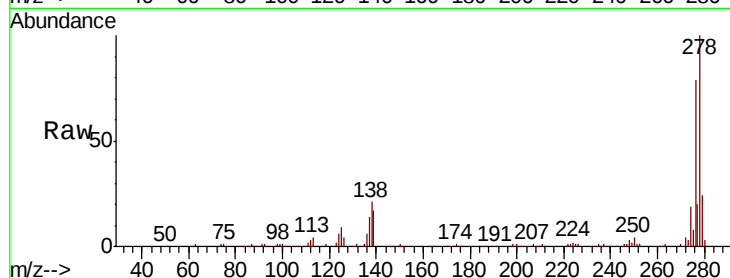
Tot Ion:278 Resp: 266121

Ion Ratio Lower Upper

278 100

139 16.9 13.5 20.3

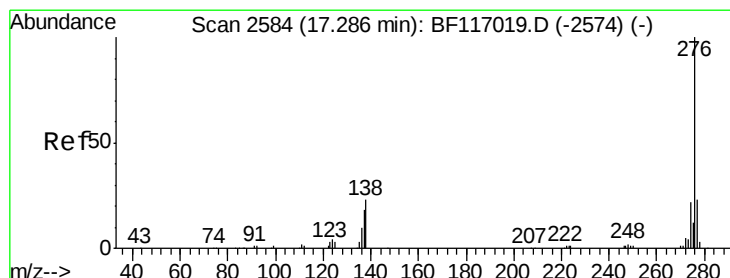
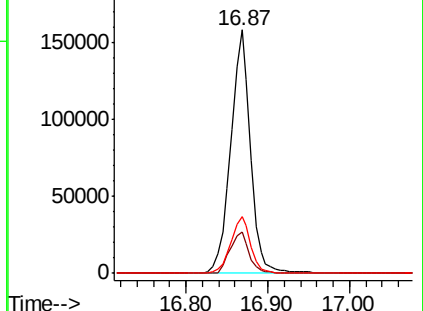
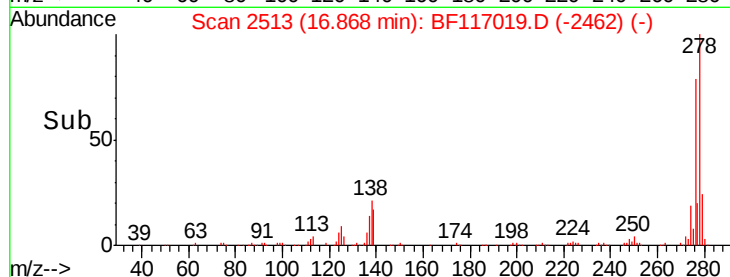
279 23.5 18.8 28.2



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: 30.038 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BF117019.D

Acq: 13 Sep 2019 13:22

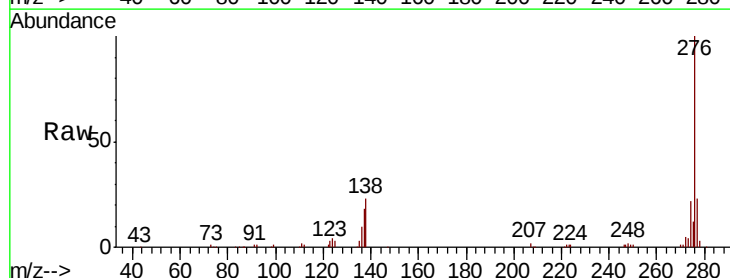
Tgt Ion:276 Resp: 261023

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 22.5 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

