

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117138.D
 Acq On : 18 Sep 2019 10:42
 Operator : HP/JU
 Sample : PB123115BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 13:27:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	69590	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	301139	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	153630	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	255523	20.00	ng	0.00
76) Chrysene-d12	13.97	240	162323	20.00	ng	0.00
87) Perylene-d12	15.42	264	123994	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	464170	104.14	ng	0.02
7) Phenol-d6	6.47	99	609926	105.88	ng	0.01
23) Nitrobenzene-d5	7.39	82	365432	63.76	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	139143	108.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	654210	66.58	ng	0.00
79) Terphenyl-d14	12.91	244	617049	71.06	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.66	88	73199	39.245 ng	98
3) Pyridine	3.40	79	166716	32.656 ng	94
4) n-Nitrosodimethylamine	3.35	42	65859	37.592 ng	97
6) Aniline	6.49	93	235582	31.764 ng	91
8) 2-Chlorophenol	6.62	128	205282	42.691 ng	97
9) Benzaldehyde	6.37	77	121964	43.107 ng	98
10) Phenol	6.48	94	258833	40.758 ng	93
11) bis(2-Chloroethyl)ether	6.56	93	186601	39.980 ng	99
12) 1,3-Dichlorobenzene	6.76	146	211405	39.179 ng	99
13) 1,4-Dichlorobenzene	6.84	146	219623	39.884 ng	99
14) 1,2-Dichlorobenzene	6.99	146	202255	39.450 ng	97
15) Benzyl Alcohol	6.97	79	185172	41.918 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	178938	38.805 ng	91
17) 2-Methylphenol	7.08	107	168369	41.779 ng	95
18) Hexachloroethane	7.33	117	85390	40.309 ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	146842	41.863 ng	94
20) 3+4-Methylphenols	7.23	107	215034	42.837 ng	96
22) Acetophenone	7.23	105	299434	39.137 ng	98
24) Nitrobenzene	7.40	77	223657	39.516 ng	97
25) Isophorone	7.65	82	400871	39.503 ng	99
26) 2-Nitrophenol	7.72	139	104971	43.178 ng	97
27) 2,4-Dimethylphenol	7.76	122	175827	45.607 ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	245204	39.219 ng	100
29) 2,4-Dichlorophenol	7.97	162	165912	41.071 ng	94
30) 1,2,4-Trichlorobenzene	8.05	180	167167	38.303 ng	98
31) Naphthalene	8.13	128	579472	40.011 ng	99
32) Benzoic acid	7.89	122	79899	30.270 ng	95
33) 4-Chloroaniline	8.17	127	144393	22.478 ng	98
34) Hexachlorobutadiene	8.25	225	93848	37.902 ng	99
35) Caprolactam	8.59	113	17691	12.938 ng	96
36) 4-Chloro-3-methylphenol	8.66	107	193361	41.051 ng	99
37) 2-Methylnaphthalene	8.82	142	396484	40.654 ng	99
38) 1-Methylnaphthalene	8.91	142	381158	41.729 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	157717	39.756 ng	99

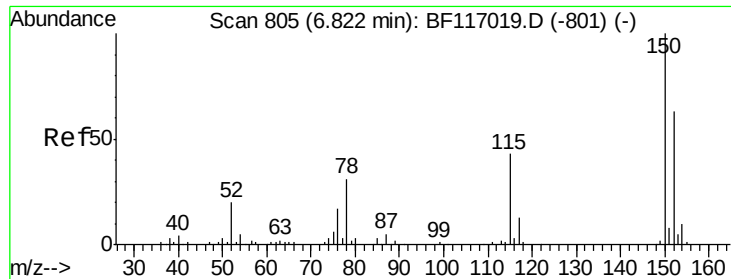
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	132376	75.932	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	105190	39.072	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	116655	40.556	ng	98
46) 1,1'-Biphenyl	9.27	154	474111	39.343	ng	100
47) 2-Chloronaphthalene	9.30	162	370955	39.004	ng	99
48) 2-Nitroaniline	9.40	65	118743	38.925	ng	94
49) Acenaphthylene	9.72	152	580756	40.762	ng	99
50) Dimethylphthalate	9.57	163	425157	39.085	ng	99
51) 2,6-Dinitrotoluene	9.64	165	93760	42.321	ng	96
52) Acenaphthene	9.89	154	330987	39.190	ng	99
53) 3-Nitroaniline	9.81	138	75520	27.018	ng	99
54) 2,4-Dinitrophenol	9.92	184	71784	75.608	ng	95
55) Dibenzofuran	10.06	168	503130	40.377	ng	97
56) 4-Nitrophenol	9.98	139	126420	69.783	ng	97
57) 2,4-Dinitrotoluene	10.05	165	126470	43.978	ng	97
58) Fluorene	10.40	166	411746	41.020	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	79545	36.138	ng	92
60) Diethylphthalate	10.27	149	426744	39.876	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	177738	40.926	ng	97
62) 4-Nitroaniline	10.43	138	109061	37.518	ng	96
63) Azobenzene	10.55	77	440555	40.307	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	51813	45.005	ng	88
66) n-Nitrosodiphenylamine	10.51	169	356216	40.366	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	104390	40.004	ng	94
68) Hexachlorobenzene	10.95	284	108261	37.931	ng	# 92
69) Atrazine	11.03	200	99579	45.482	ng	97
70) Pentachlorophenol	11.15	266	103736	77.537	ng	96
71) Phenanthrene	11.36	178	571448	39.373	ng	99
72) Anthracene	11.41	178	600826	40.549	ng	98
73) Carbazole	11.57	167	558202	39.688	ng	99
74) Di-n-butylphthalate	11.89	149	664525	39.711	ng	98
75) Fluoranthene	12.55	202	581297	38.980	ng	99
77) Benzidine	12.66	184	221671	42.394	ng	99
78) Pyrene	12.77	202	582352	42.757	ng	99
80) Butylbenzylphthalate	13.38	149	268180	41.670	ng	99
81) Benzo(a)anthracene	13.96	228	422419	38.951	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	105973	30.324	ng	99
83) Chrysene	14.00	228	420159	39.722	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	354404	42.710	ng	99
85) Di-n-octyl phthalate	14.54	149	550342	42.138	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	299152	38.766	ng	98
88) Benzo(b)fluoranthene	15.00	252	325915	43.393	ng	99
89) Benzo(k)fluoranthene	15.03	252	332439	46.725	ng	98
90) Benzo(a)pyrene	15.36	252	304392	46.184	ng	97
91) Dibenzo(a,h)anthracene	16.86	278	254131	48.402	ng	99
92) Benzo(g,h,i)perylene	17.29	276	247393	47.284	ng	96

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

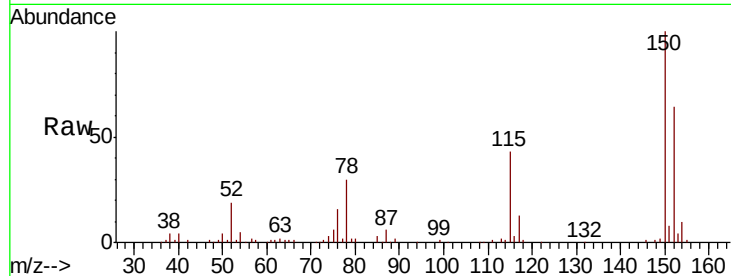


#1

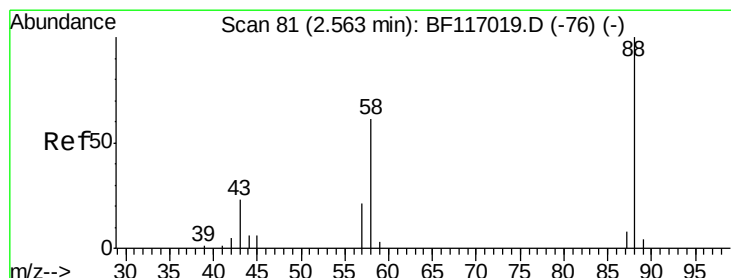
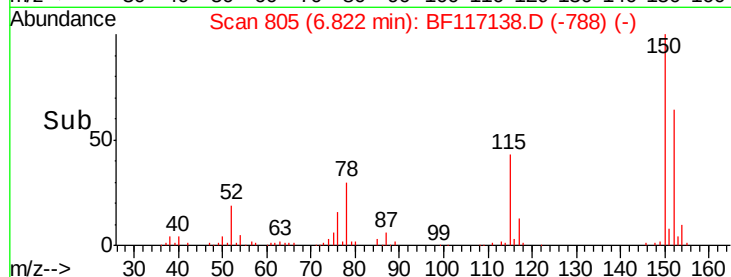
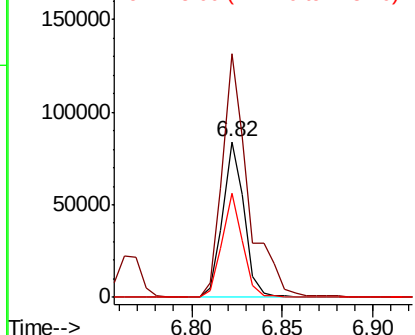
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69590
Ion Ratio Lower Upper
152 100
150 156.3 127.5 191.3
115 67.0 55.0 82.4



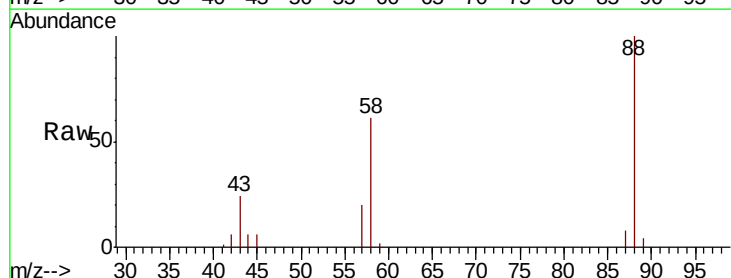
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



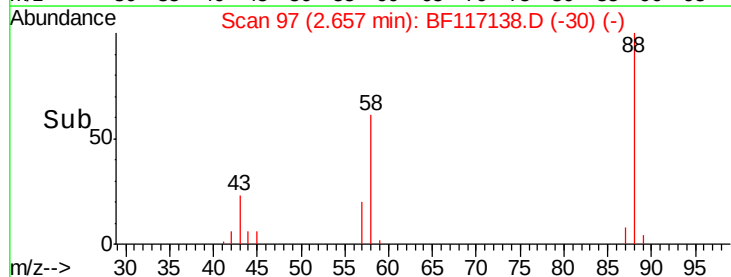
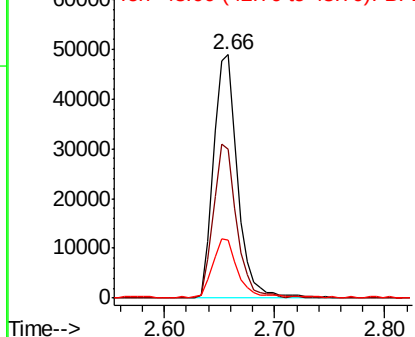
#2

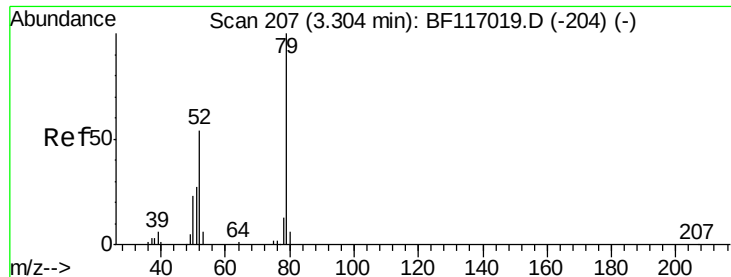
1,4-Dioxane
Concen: 39.245 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.09 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion: 88 Resp: 73199
Ion Ratio Lower Upper
88 100
58 60.8 49.3 73.9
43 26.3 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: 32.656 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.09 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampleId :

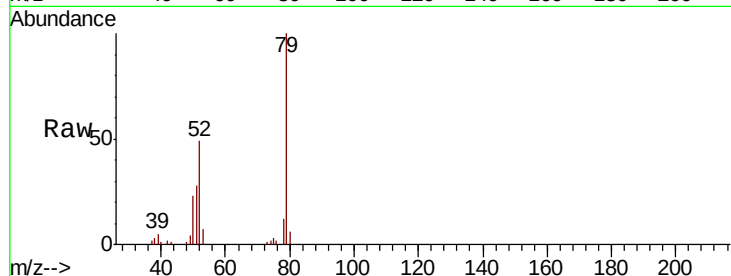
Tot Ion: 79 Resp: 166716

Ion Ratio Lower Upper

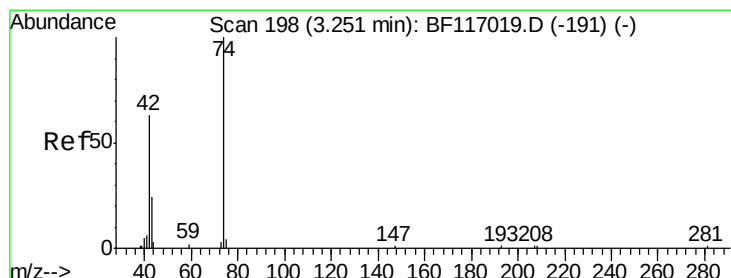
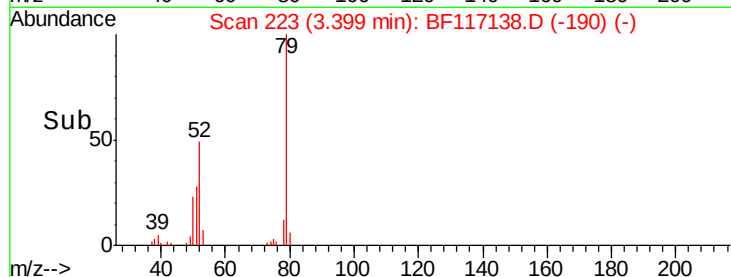
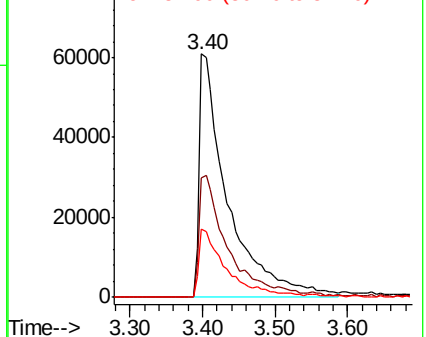
79 100

52 49.0 43.5 65.3

51 28.0 21.8 32.6



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



#4

n-Nitrosodimethylamine

Concen: 37.592 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

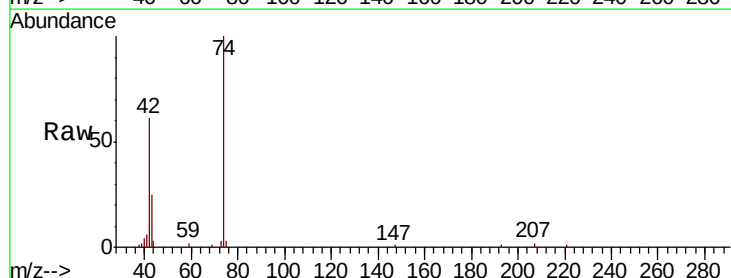
Tgt Ion: 42 Resp: 65859

Ion Ratio Lower Upper

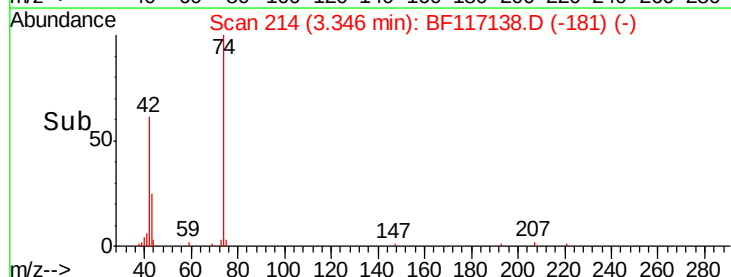
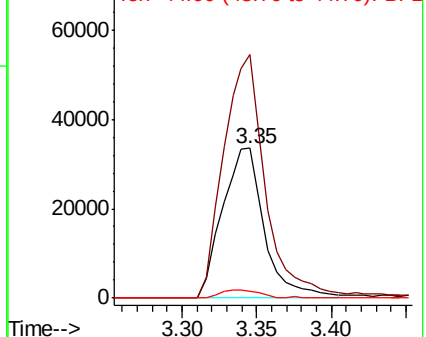
42 100

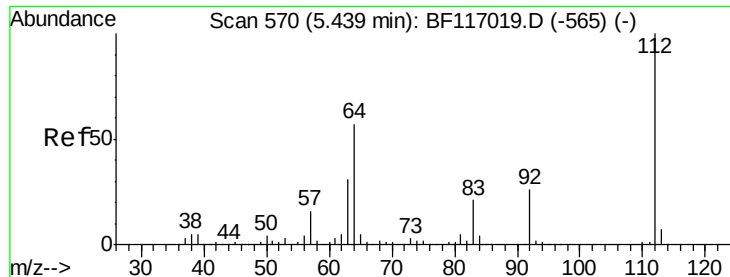
74 162.6 127.1 190.7

44 4.9 4.3 6.5



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





#5

2-Fluorophenol

Concen: 104.136 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampled :

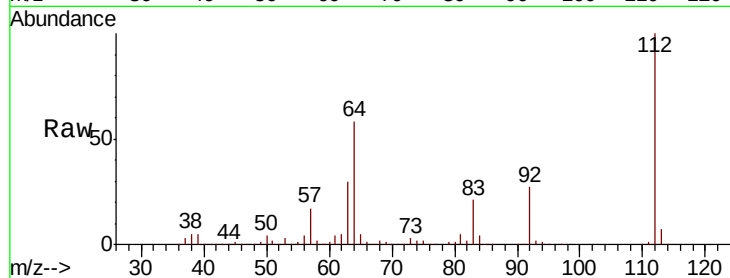
Tot Ion:112 Resp: 464170

Ion Ratio Lower Upper

112 100

64 57.7 45.7 68.5

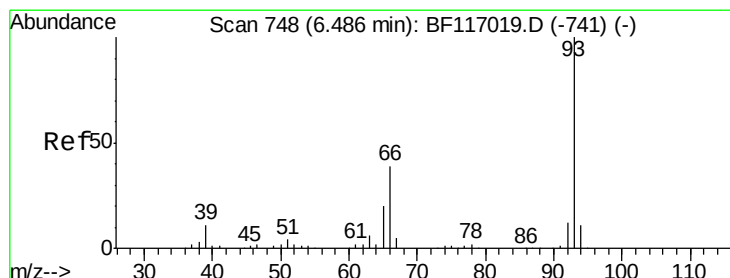
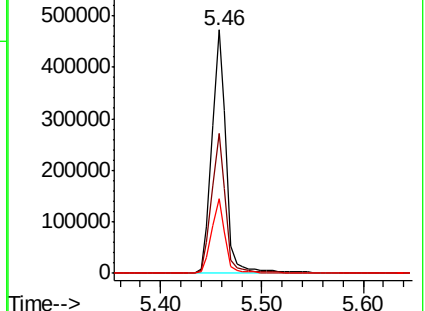
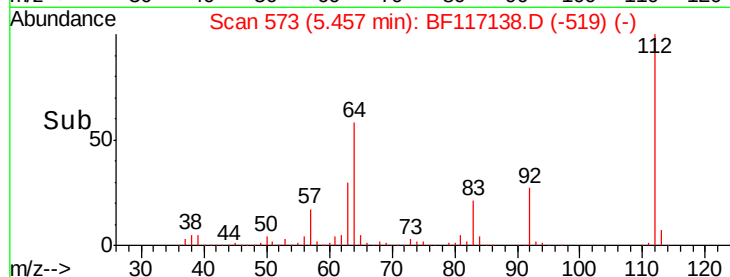
63 30.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.764 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

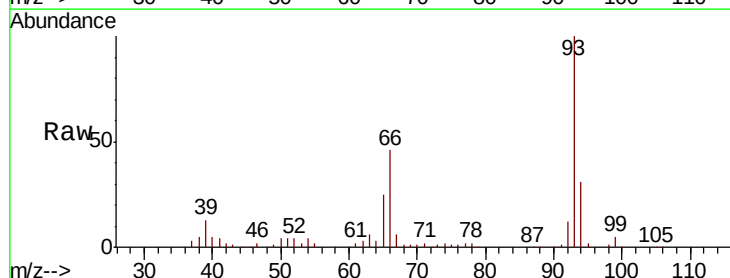
Tgt Ion: 93 Resp: 235582

Ion Ratio Lower Upper

93 100

66 46.4 32.6 49.0

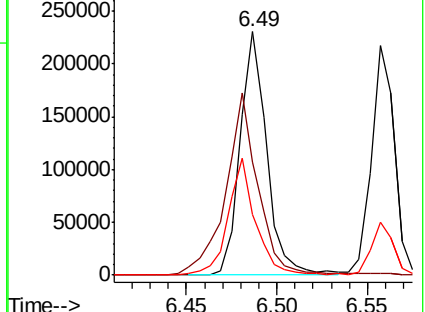
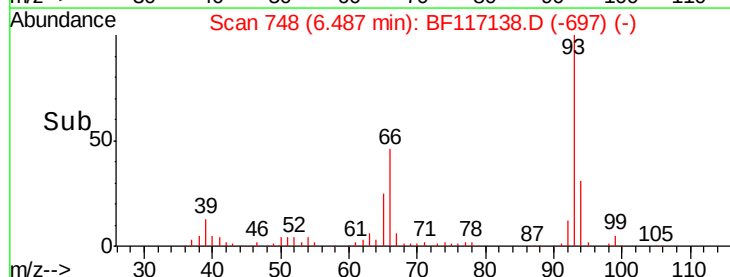
65 24.8 16.7 25.1

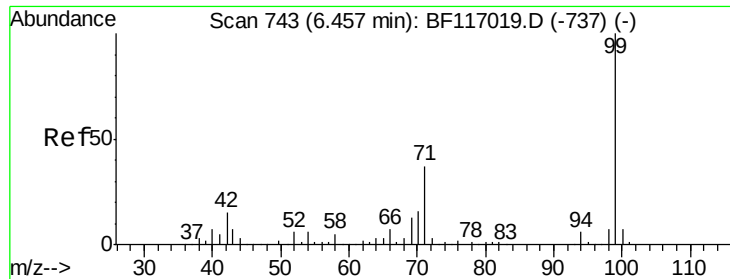


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.881 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampleId :

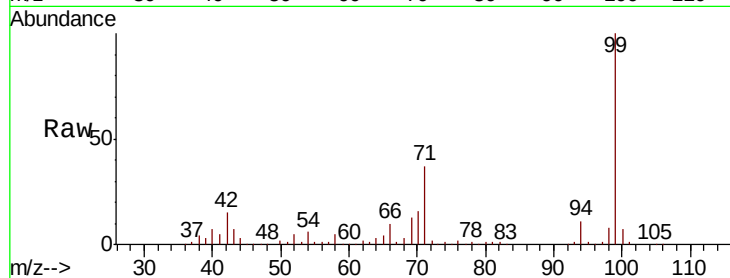
Tot Ion: 99 Resp: 609926

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.2

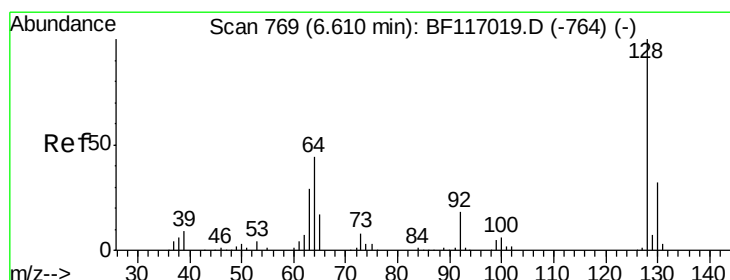
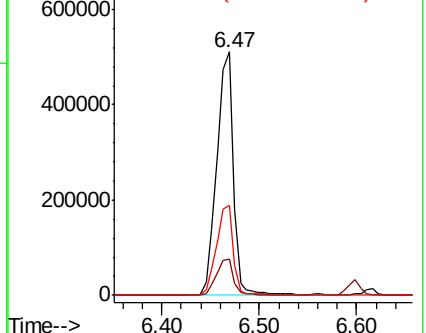
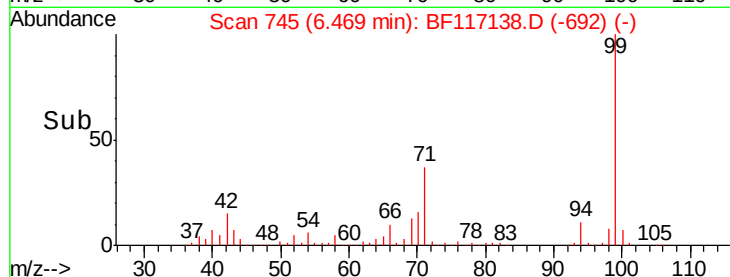
71 36.9 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.691 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

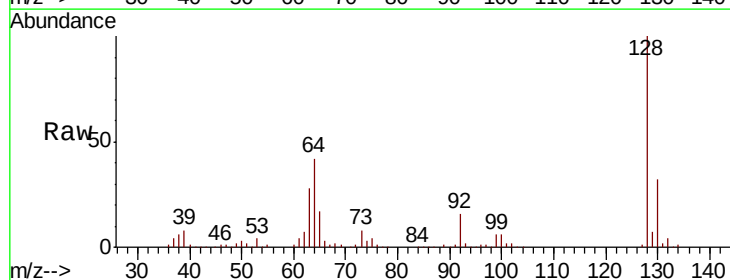
Tgt Ion: 128 Resp: 205282

Ion Ratio Lower Upper

128 100

130 32.5 11.8 51.8

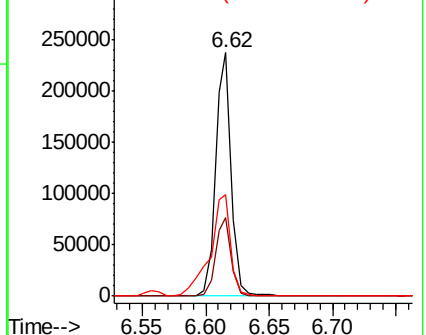
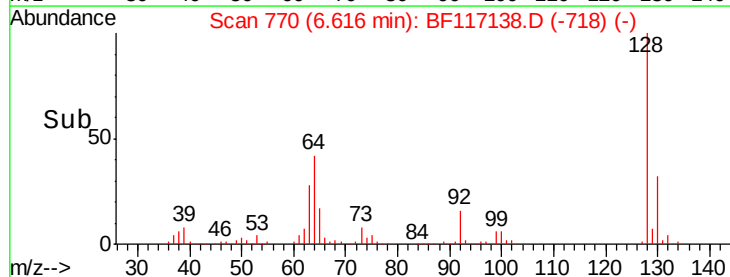
64 41.7 25.0 65.0

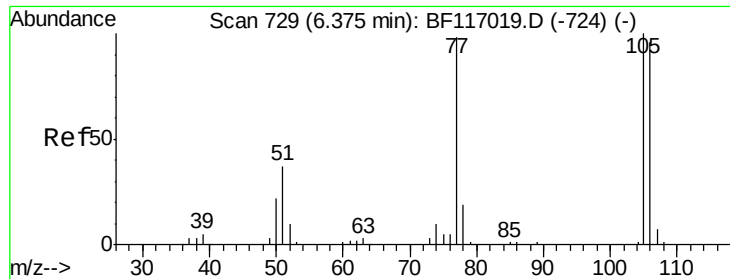


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.107 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampleId :

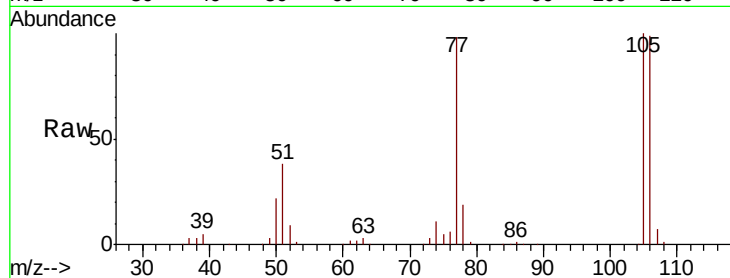
Tot Ion: 77 Resp: 121964

Ion Ratio Lower Upper

77 100

105 102.1 81.8 121.8

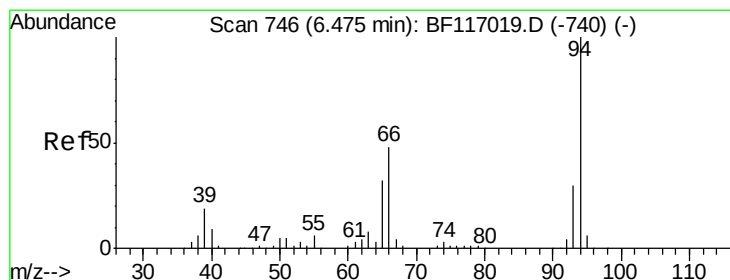
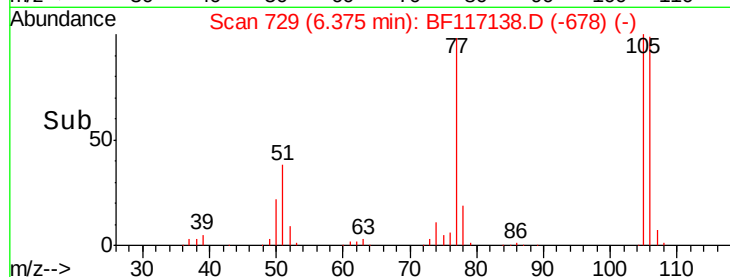
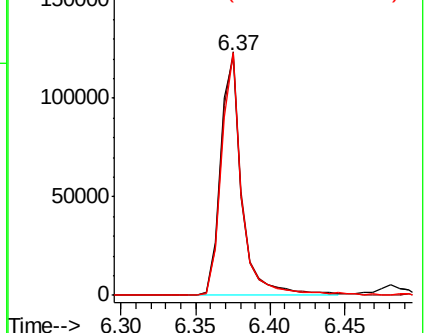
106 101.5 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.758 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

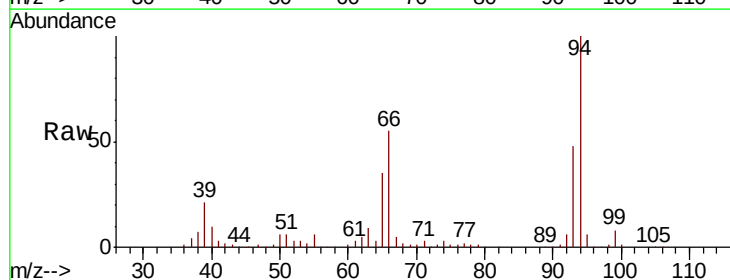
Tgt Ion: 94 Resp: 258833

Ion Ratio Lower Upper

94 100

65 35.1 12.5 52.5

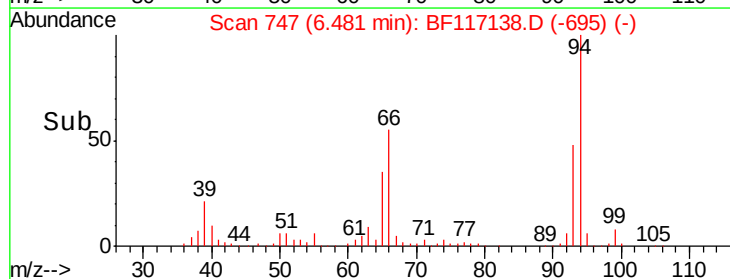
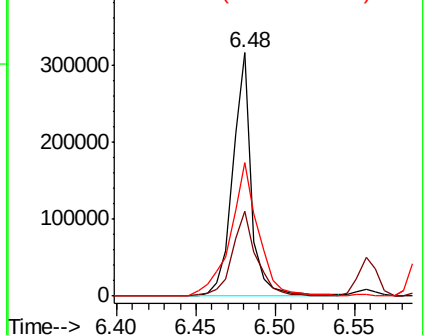
66 54.7 28.9 68.9

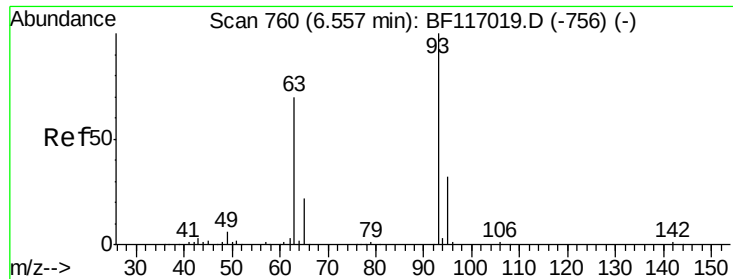


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

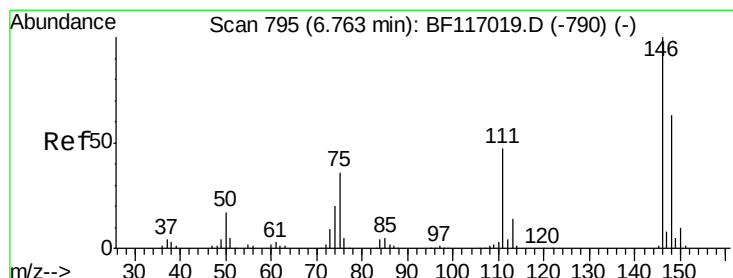
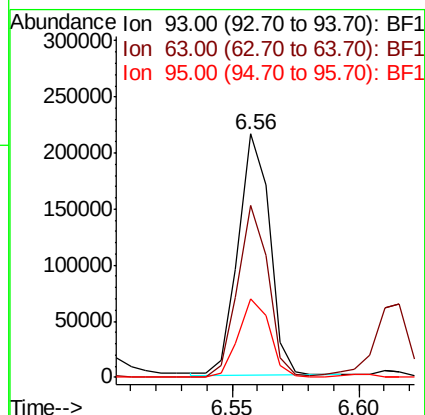
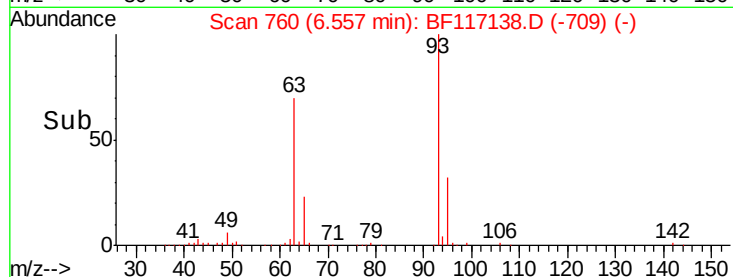
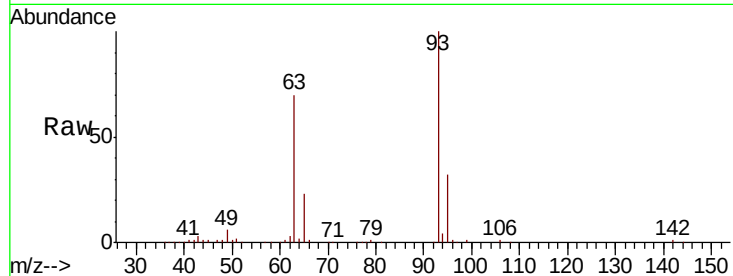




#11
bis(2-Chloroethyl)ether
Concen: 39.980 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

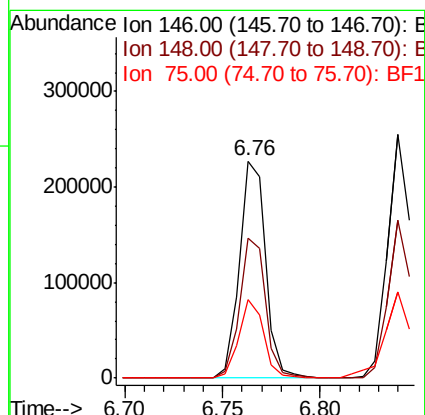
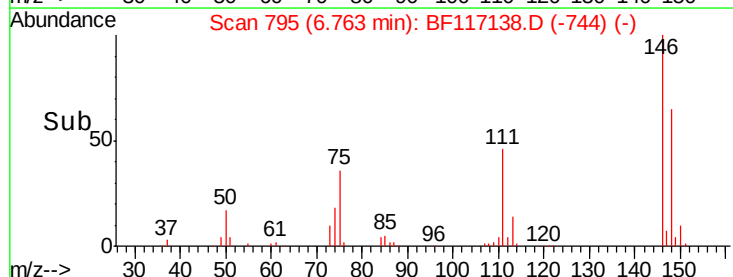
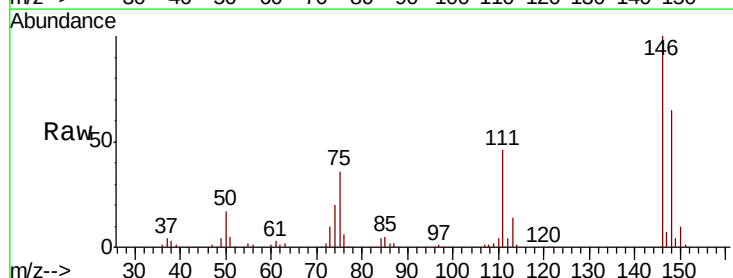
Instrument :
BNA_F
ClientSampleId :

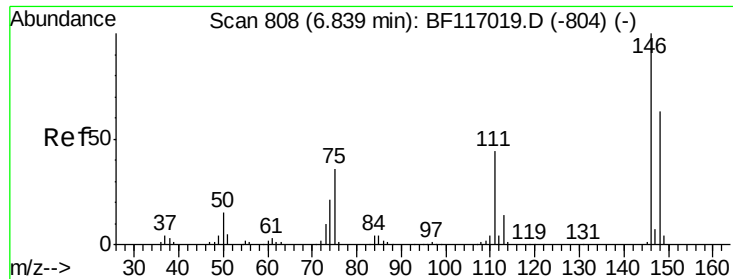
Tot Ion: 93 Resp: 186601
Ion Ratio Lower Upper
93 100
63 70.4 49.3 89.3
95 32.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.179 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion: 146 Resp: 211405
Ion Ratio Lower Upper
146 100
148 64.5 50.8 76.2
75 36.0 28.7 43.1

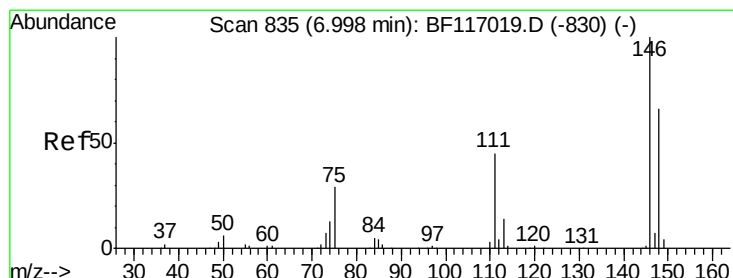
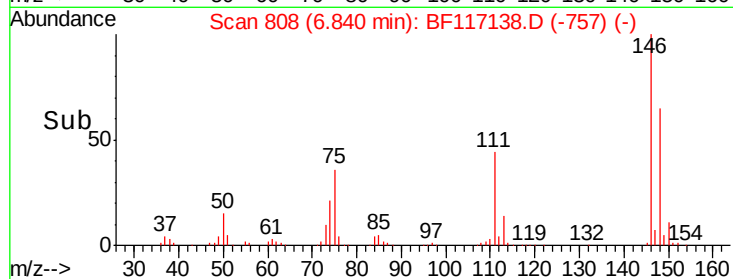
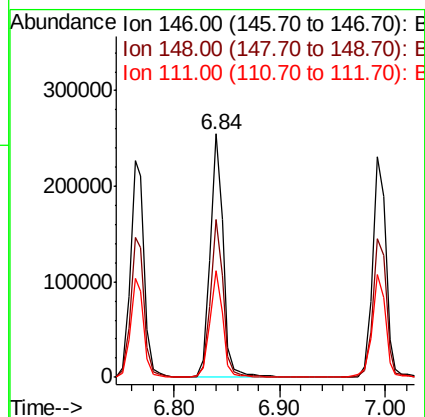
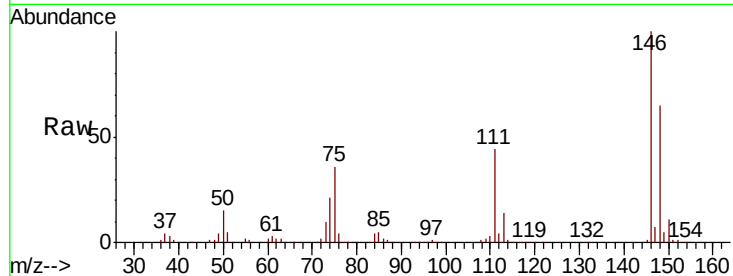




#13
 1,4-Dichlorobenzene
 Concen: 39.884 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

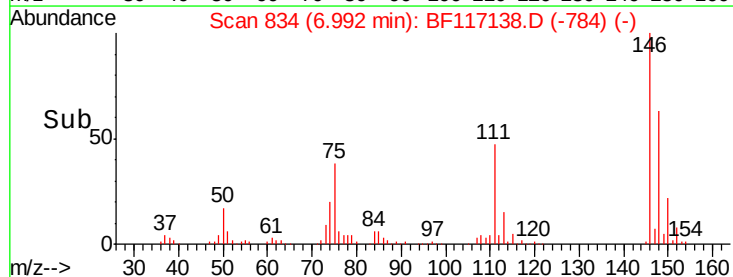
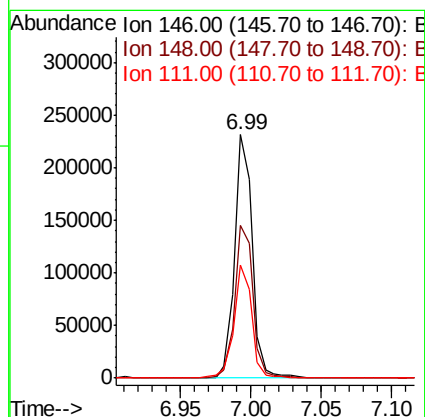
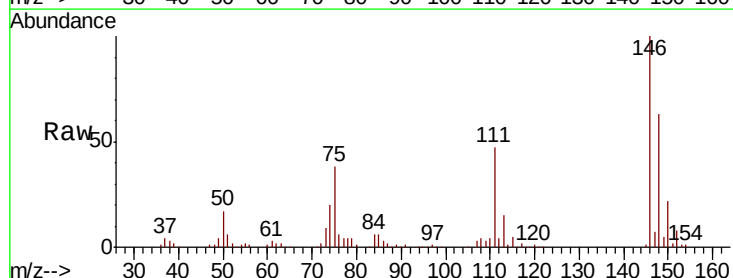
Instrument :
 BNA_F
 ClientSampleId :

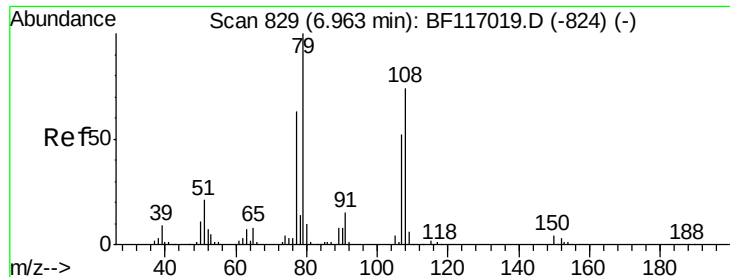
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	76.0
111	44.0	35.0	52.6



#14
 1,2-Dichlorobenzene
 Concen: 39.450 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.6	78.8
111	46.7	36.2	54.2





#15

Benzyl Alcohol

Concen: 41.918 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampled :

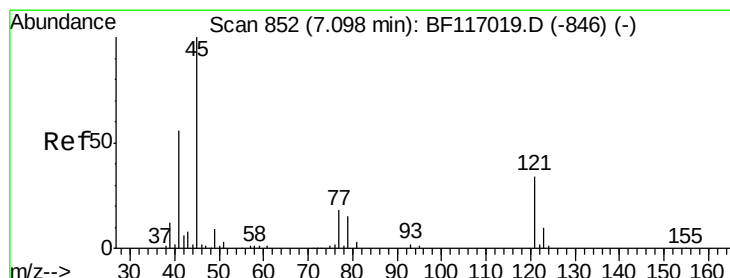
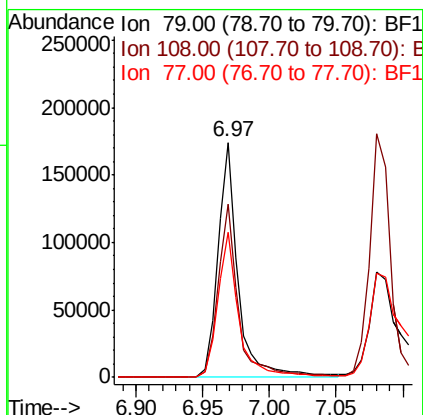
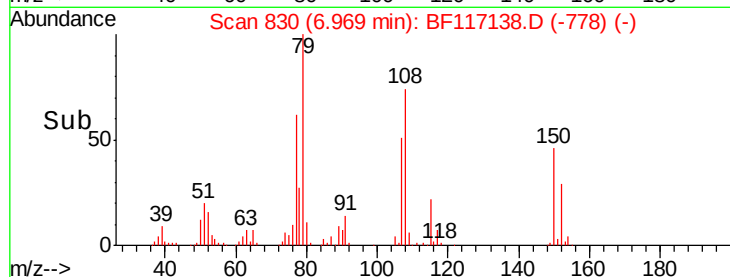
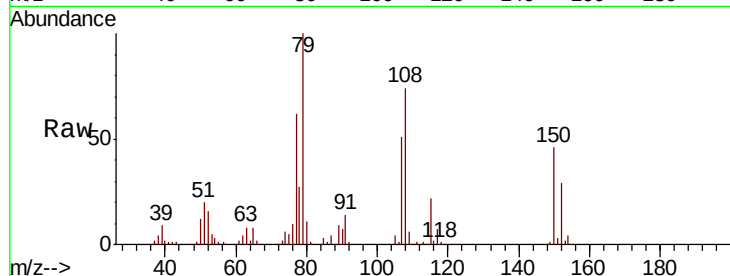
Tot Ion: 79 Resp: 185172

Ion Ratio Lower Upper

79 100

108 73.8 59.4 89.0

77 62.0 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.805 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

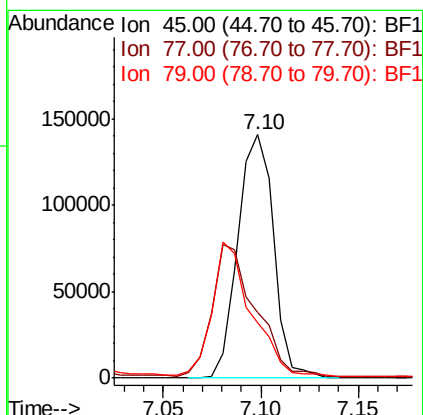
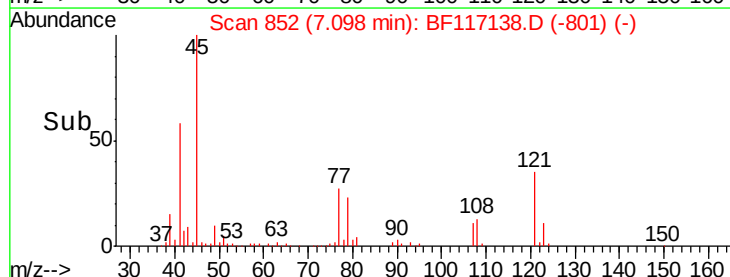
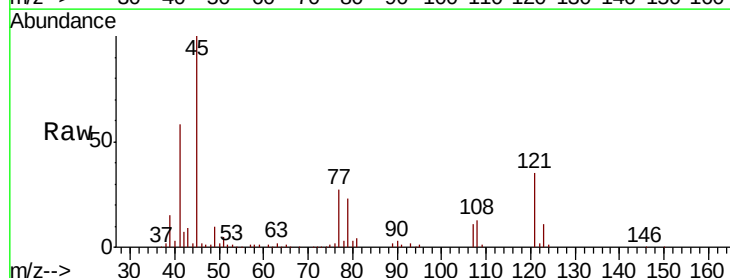
Tgt Ion: 45 Resp: 178938

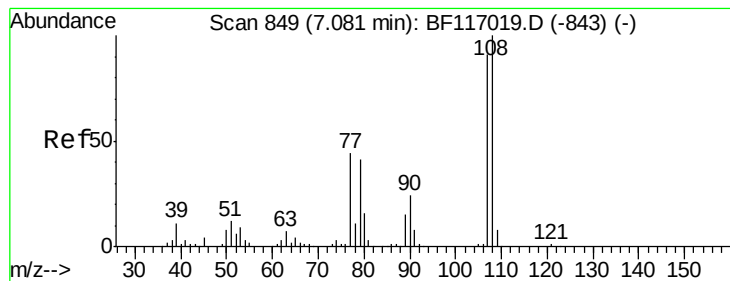
Ion Ratio Lower Upper

45 100

77 27.2 2.7 42.7

79 22.6 0.0 38.9

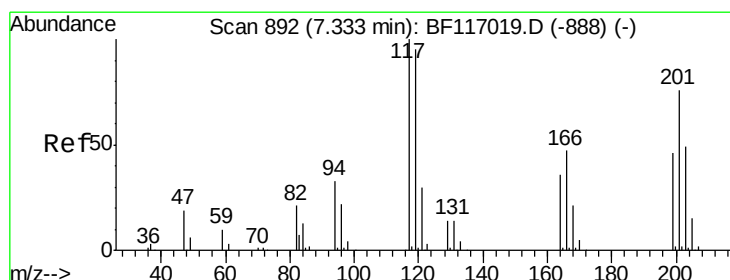
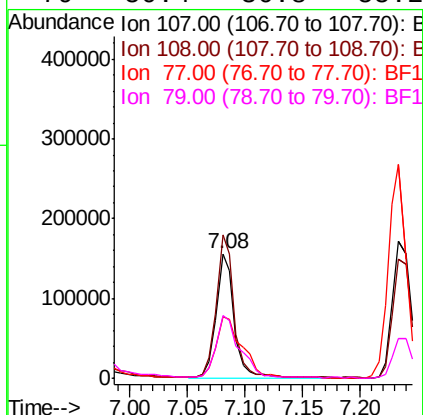
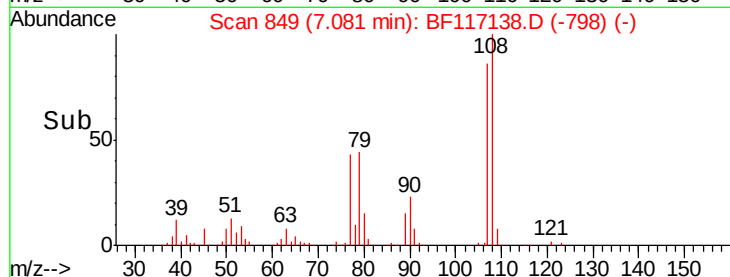
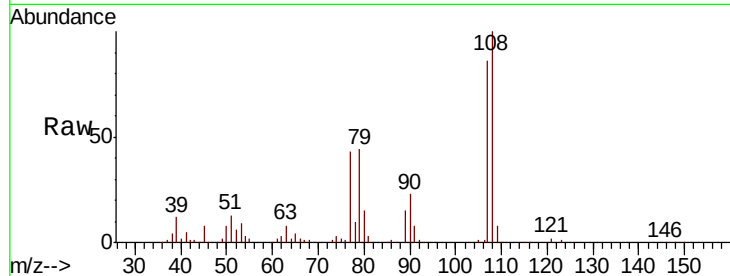




#17
2-Methylphenol
Concen: 41.779 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

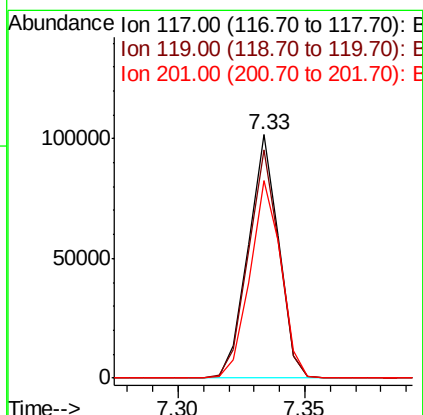
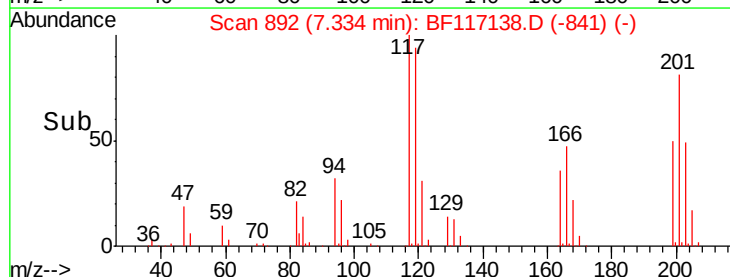
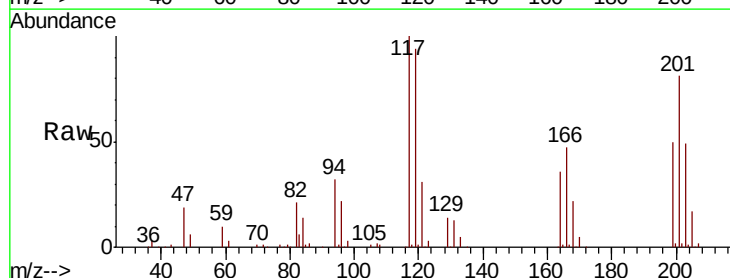
Instrument :
BNA_F
ClientSampleId :

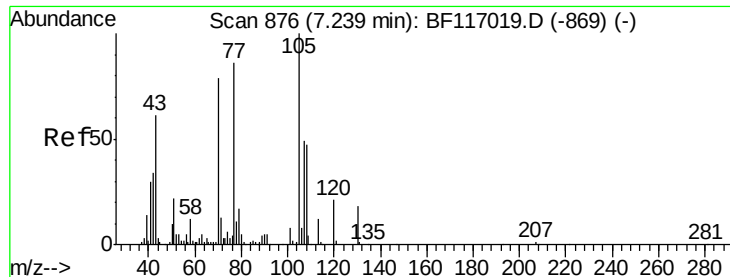
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.9	87.7	131.5
77	49.9	38.6	58.0
79	50.4	36.8	55.2



#18
Hexachloroethane
Concen: 40.309 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.8	113.8
201	81.2	60.9	91.3

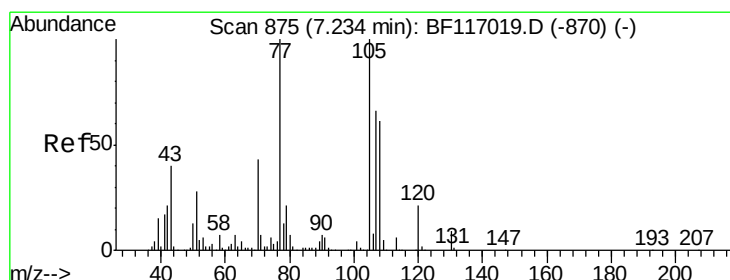
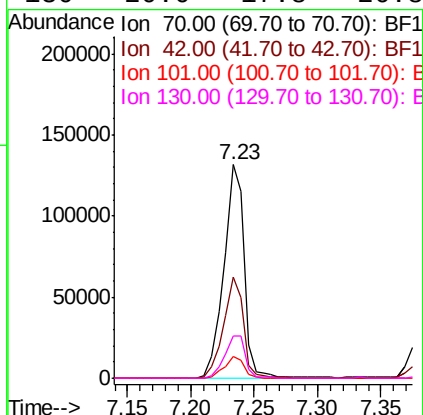
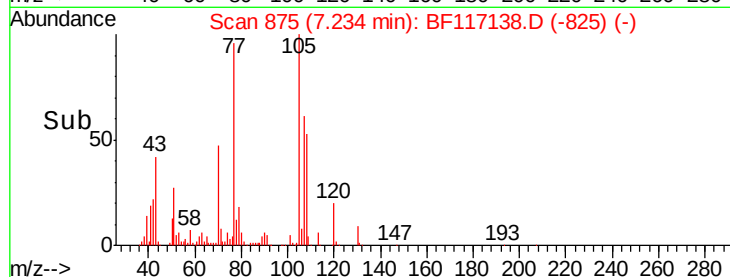
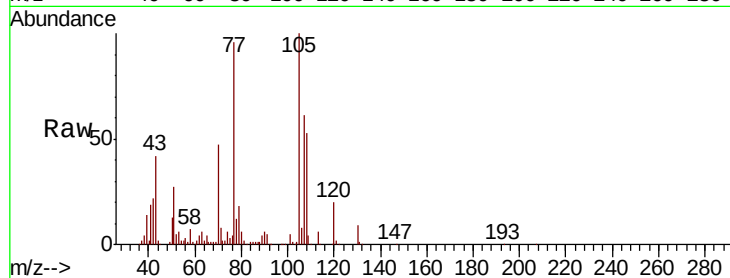




#19
n-Nitroso-di-n-propylamine
Concen: 41.863 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

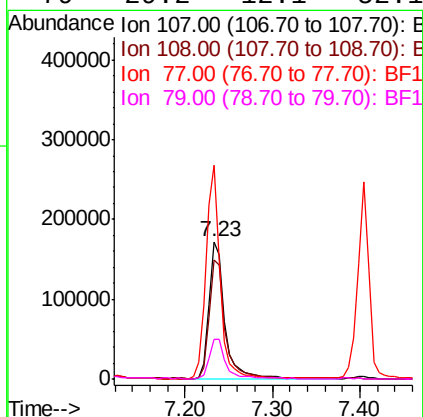
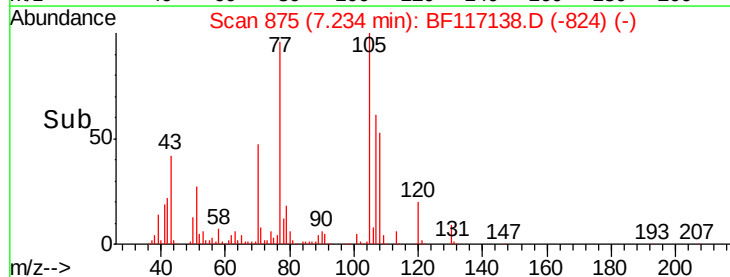
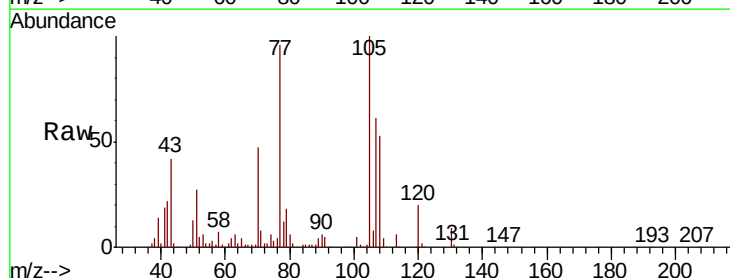
Instrument :
BNA_F
ClientSampleId :

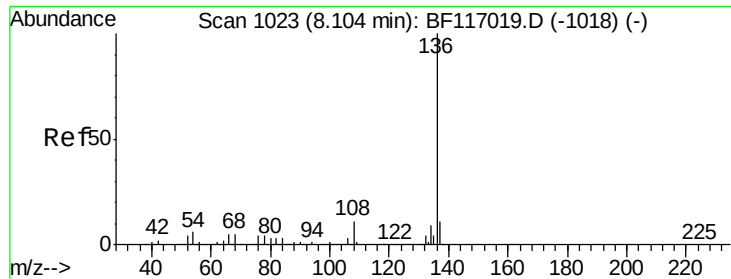
Tot Ion:	70	Resp:	146842
Ion	Ratio	Lower	Upper
70	100		
42	47.1	34.0	51.0
101	10.1	7.8	11.6
130	20.0	17.8	26.8



#20
3+4-Methylphenols
Concen: 42.837 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion:	107	Resp:	215034
Ion	Ratio	Lower	Upper
107	100		
108	86.4	72.6	112.6
77	155.7	132.1	172.1
79	29.2	12.1	52.1

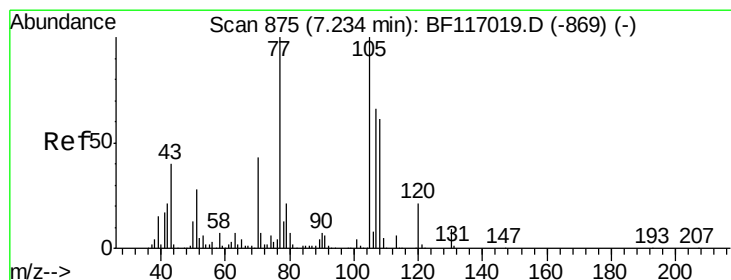
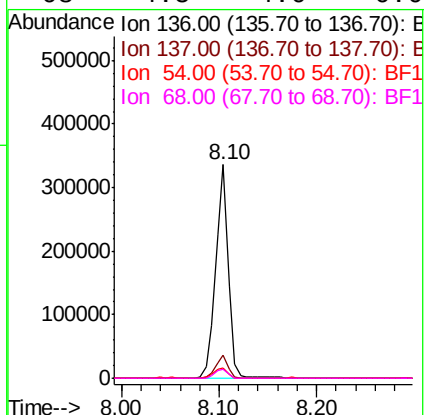
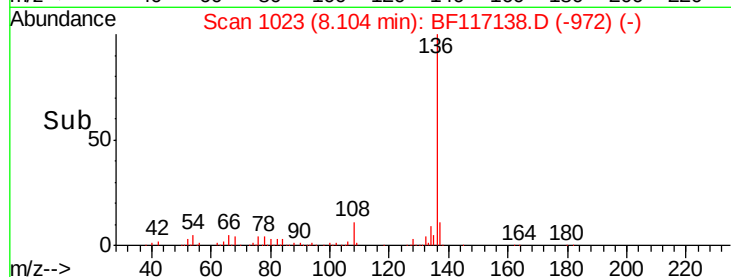
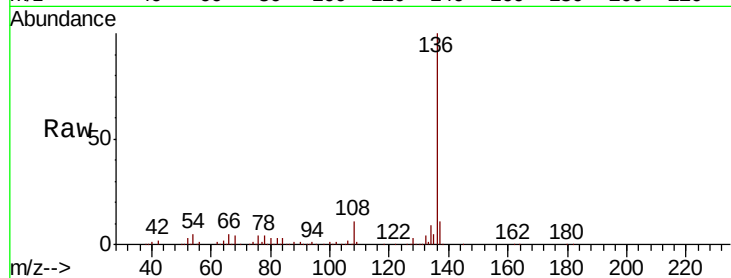




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

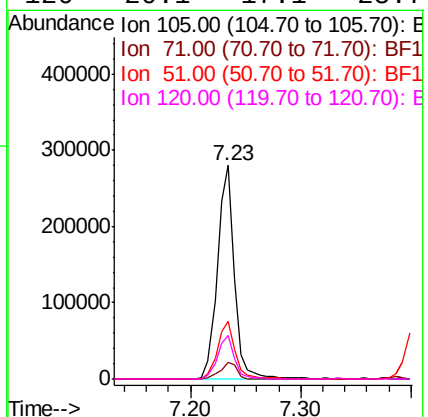
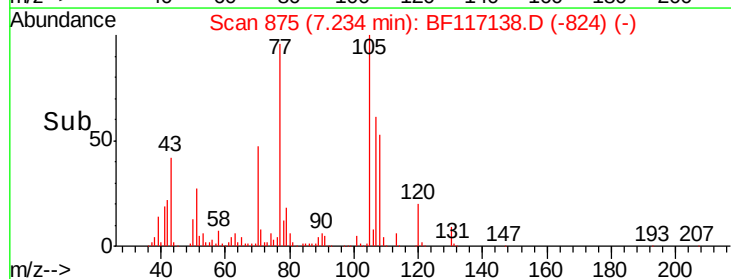
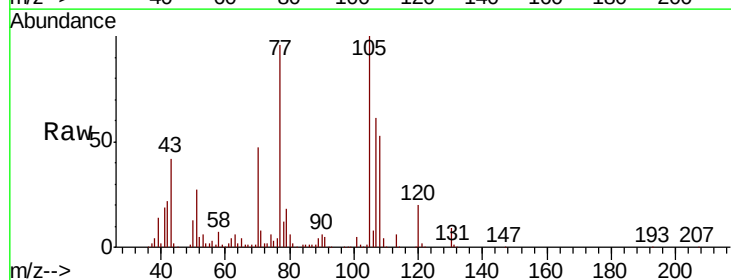
Instrument :
BNA_F
ClientSampled :

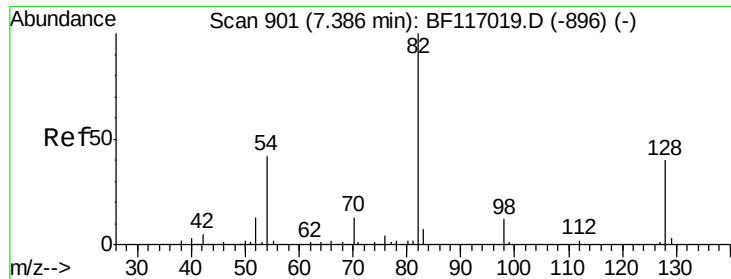
Tot Ion:136	Resp:	301139
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.0 13.4
54	4.9	4.5 6.7
68	4.5	4.0 6.0



#22
Acetophenone
Concen: 39.137 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion:105	Resp:	299434
Ion	Ratio	Lower Upper
105	100	
71	7.6	5.7 8.5
51	26.7	22.1 33.1
120	20.1	17.1 25.7

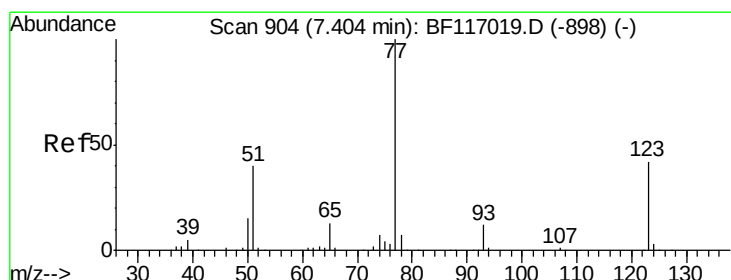
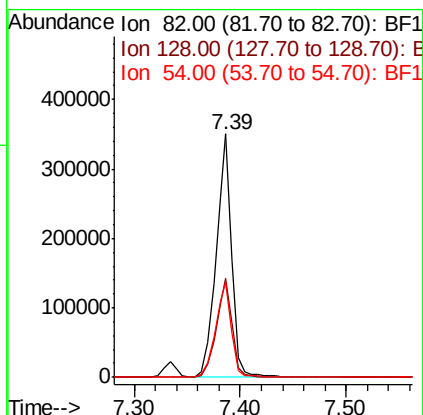
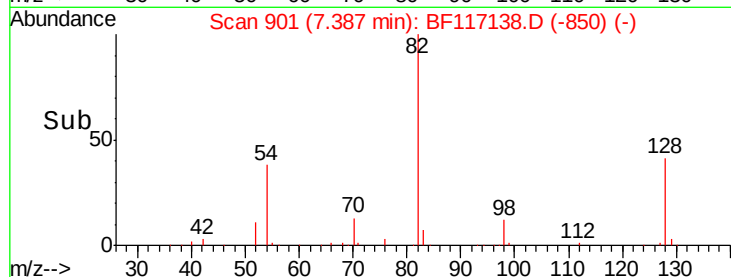
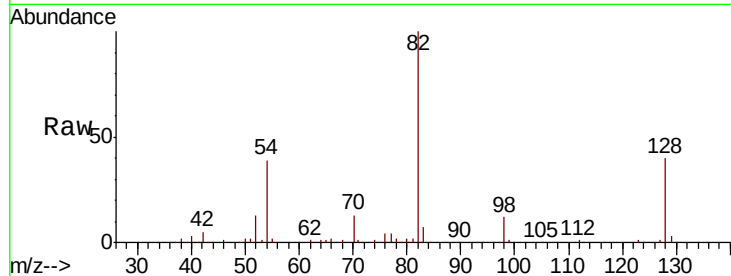




#23
 Nitrobenzene-d5
 Concen: 63.760 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

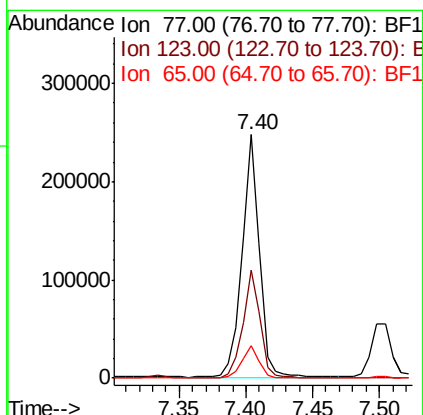
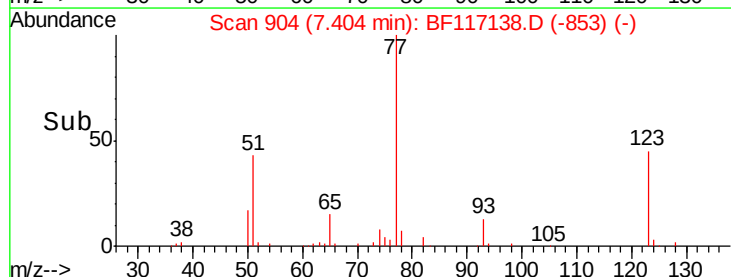
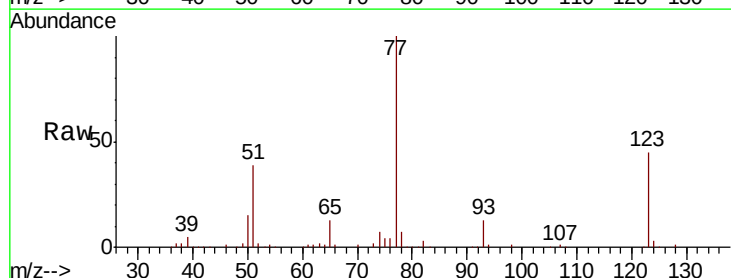
Instrument :
 BNA_F
 ClientSampleId :

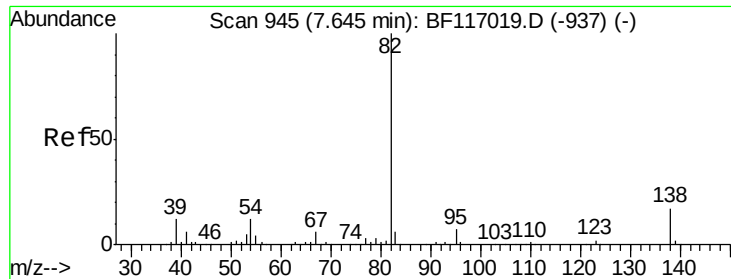
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.3	48.5
54	39.3	33.3	49.9



#24
 Nitrobenzene
 Concen: 39.516 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	33.5	50.3
65	13.1	10.5	15.7

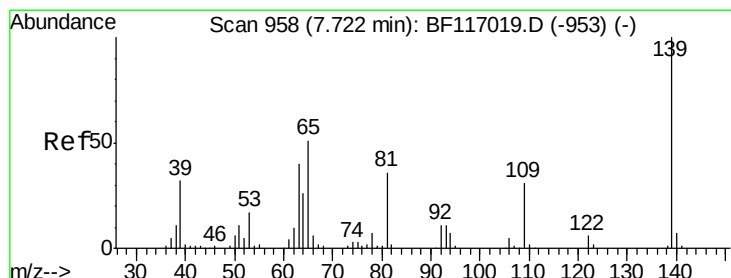
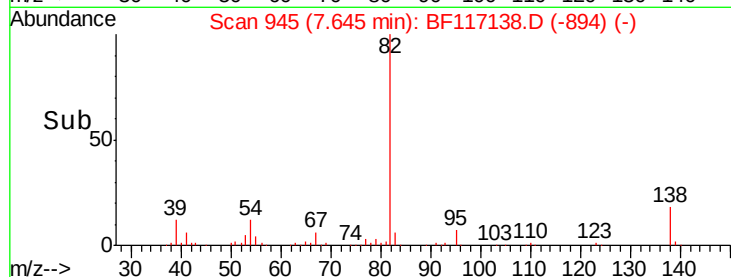
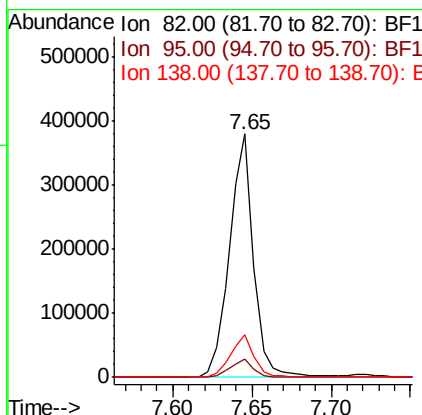
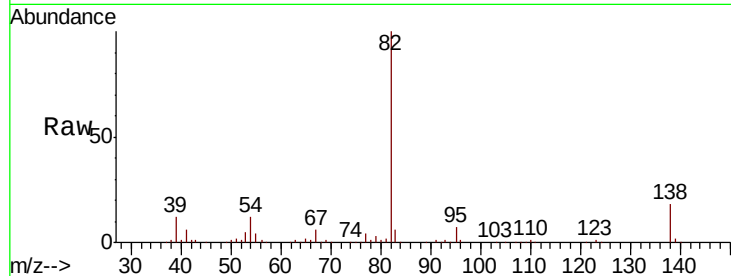




#25
Isophorone
Concen: 39.503 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

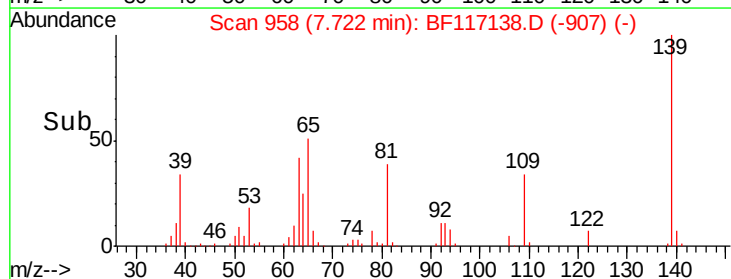
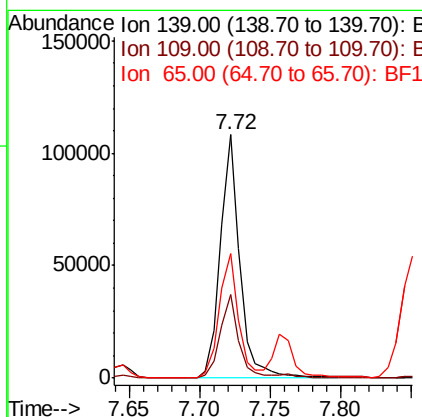
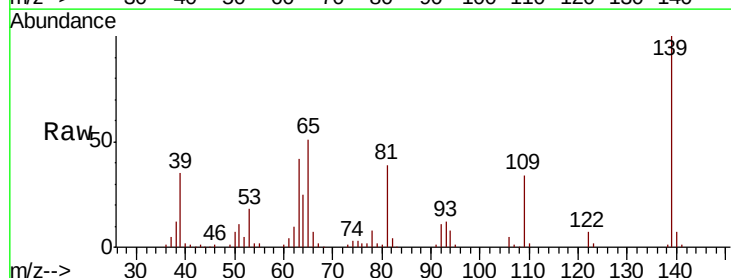
Instrument :
BNA_F
ClientSampleId :

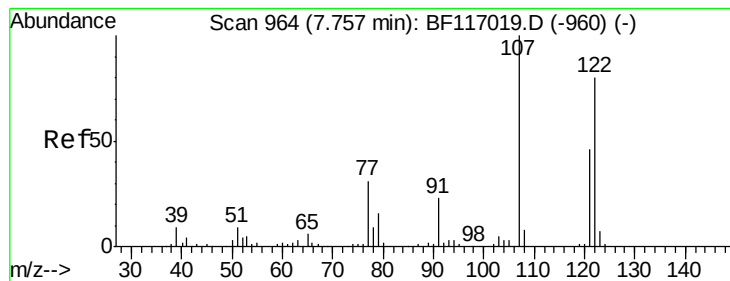
Tot Ion: 82 Resp: 400871
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 17.6 13.5 20.3



#26
2-Nitrophenol
Concen: 43.178 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion: 139 Resp: 104971
Ion Ratio Lower Upper
139 100
109 34.1 24.6 36.8
65 51.4 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 45.607 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampled :

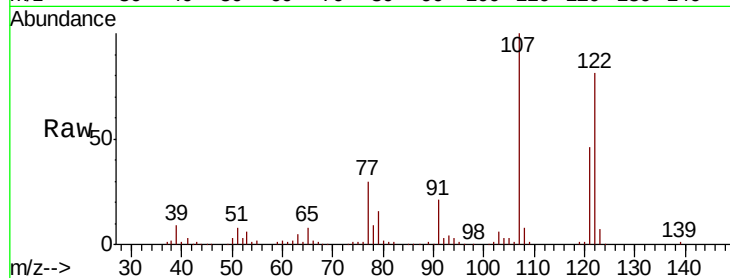
Tot Ion:122 Resp: 175827

Ion Ratio Lower Upper

122 100

107 122.9 98.9 148.3

121 57.0 45.3 67.9

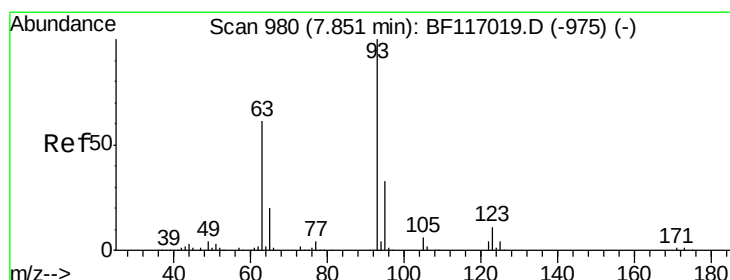
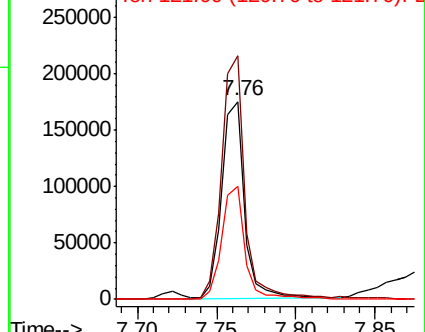
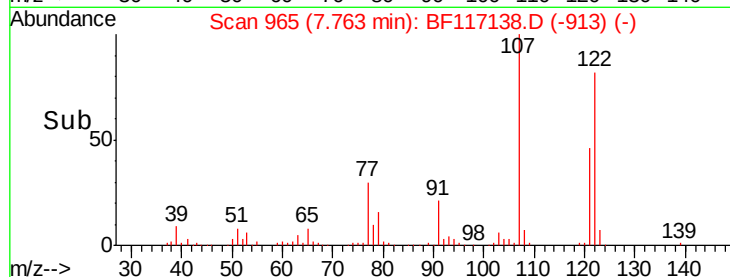


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.219 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

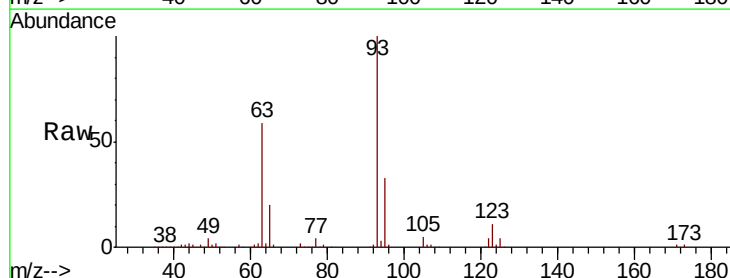
Tgt Ion: 93 Resp: 245204

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

123 11.5 9.0 13.6

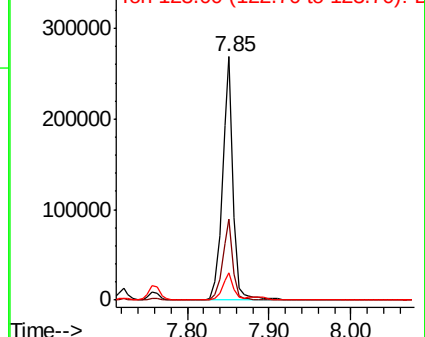
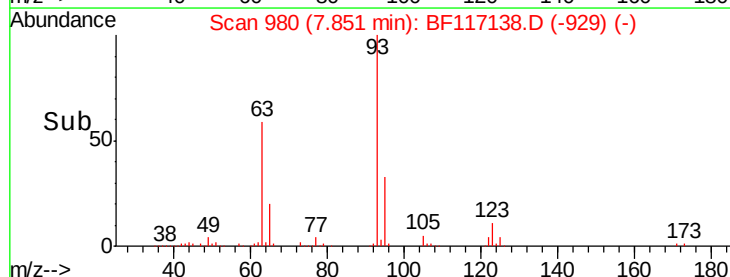


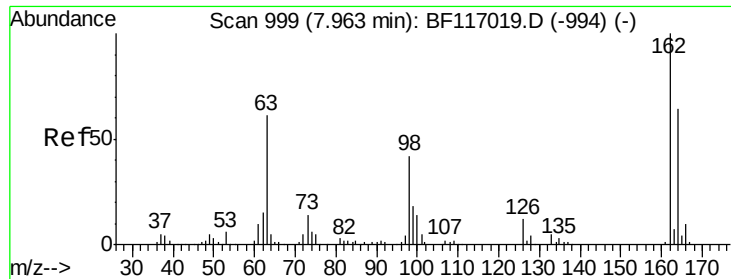
Abundance

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

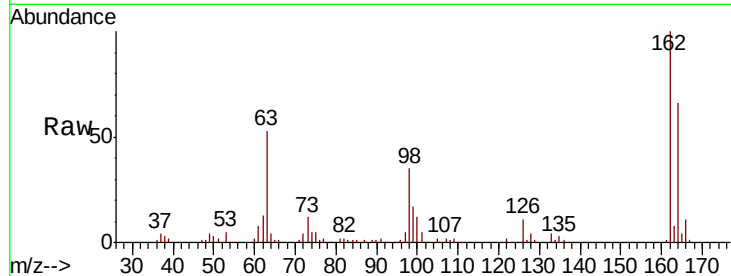




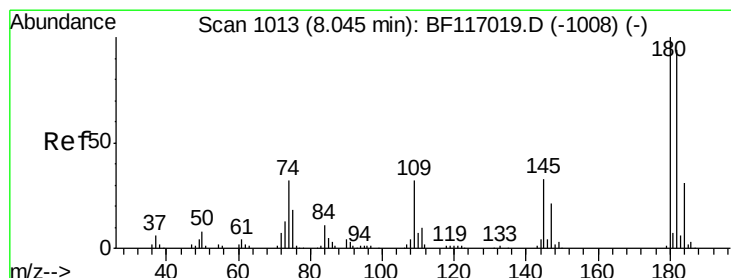
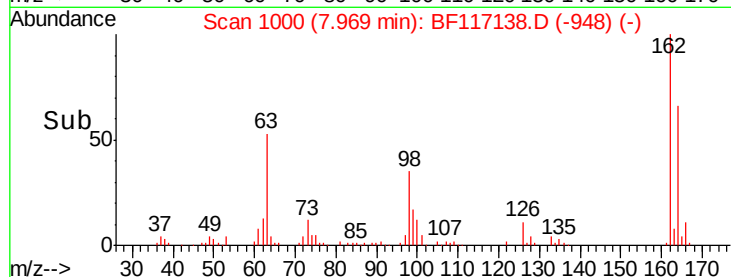
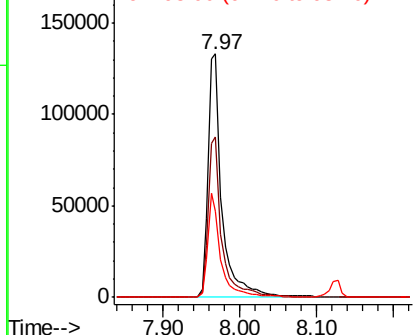
#29
2,4-Dichlorophenol
Concen: 41.071 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	43.8	83.8
98	35.3	22.1	62.1

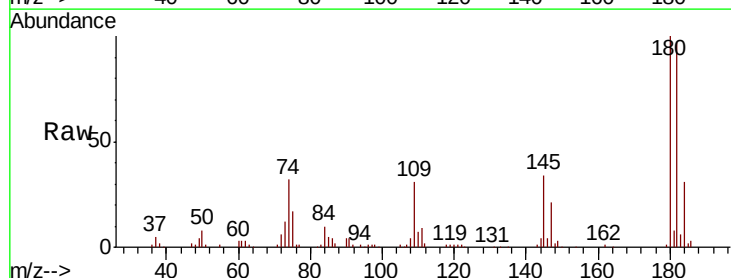


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

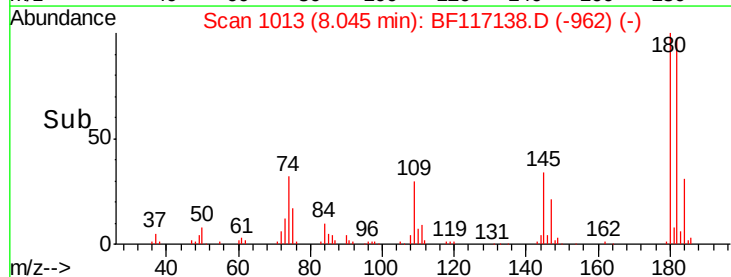
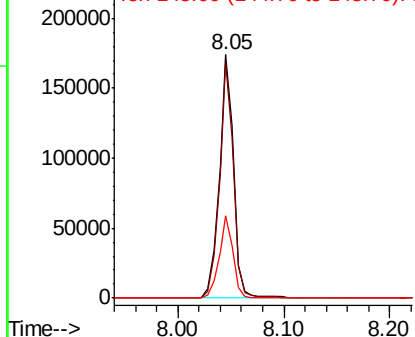


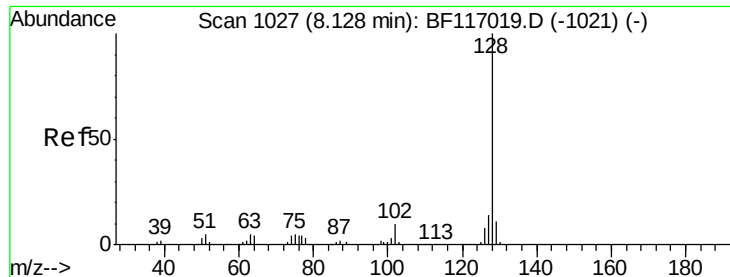
#30
1,2,4-Trichlorobenzene
Concen: 38.303 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.4	113.0
145	33.6	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

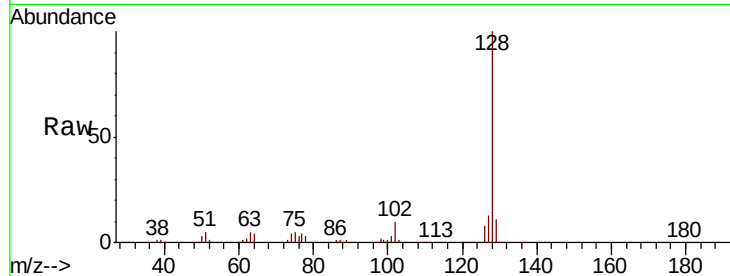




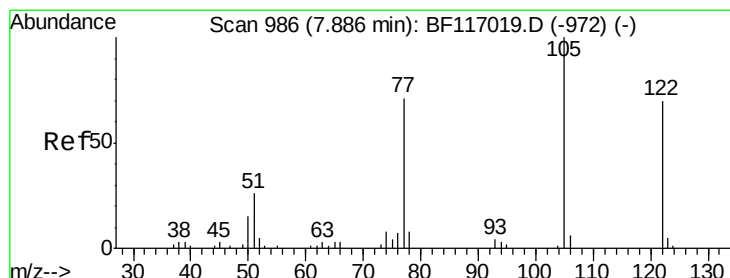
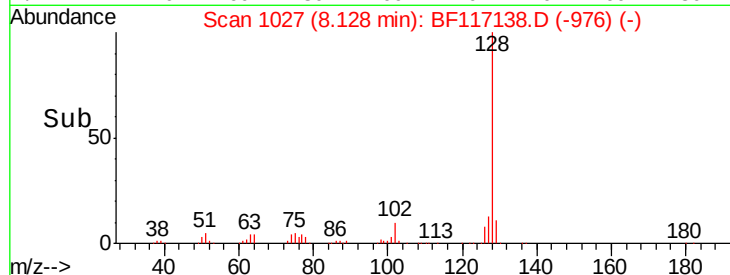
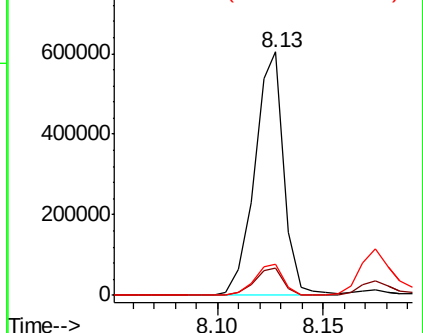
#31
Naphthalene
Concen: 40.011 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 579472
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.0 10.8 16.2

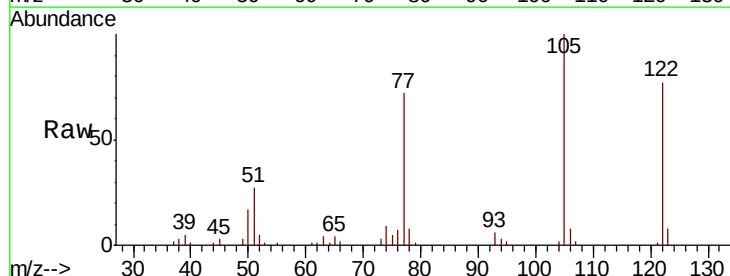


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

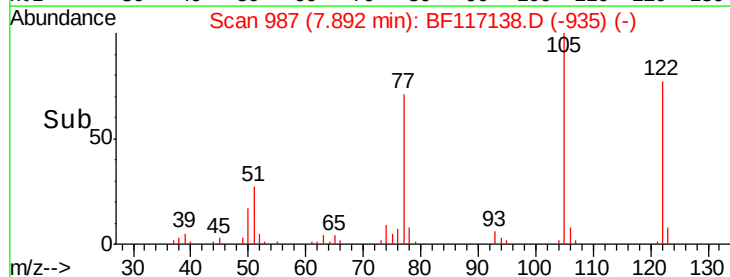
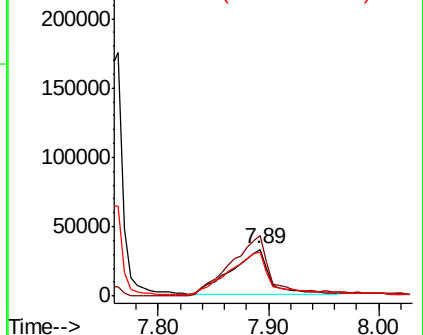


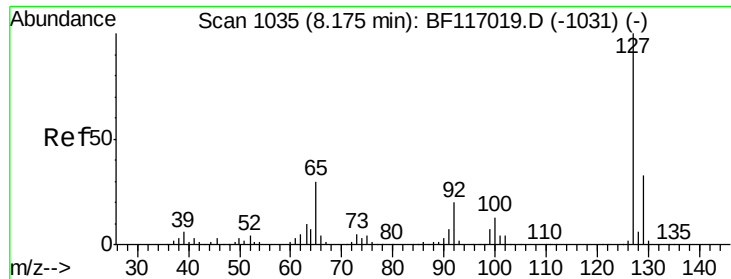
#32
Benzoic acid
Concen: 30.270 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion:122 Resp: 79899
Ion Ratio Lower Upper
122 100
105 129.6 114.8 154.8
77 93.8 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

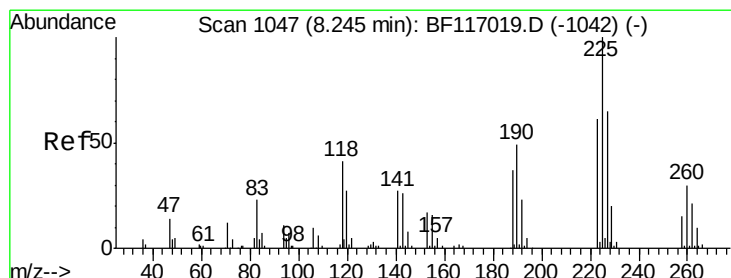
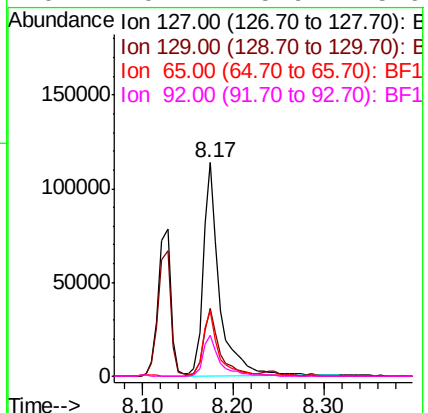
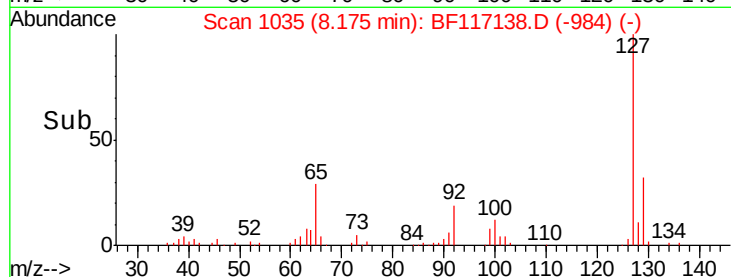
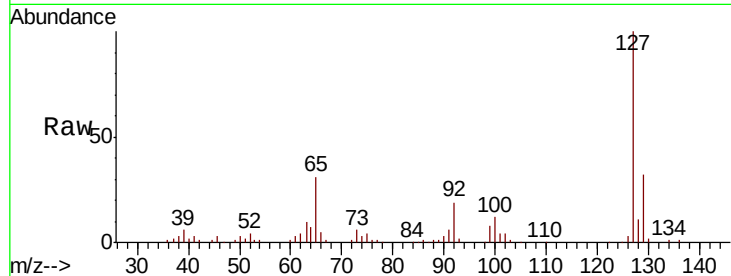




#33
4-Chloroaniline
Concen: 22.478 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

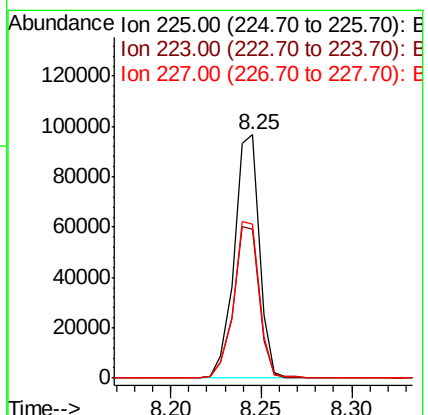
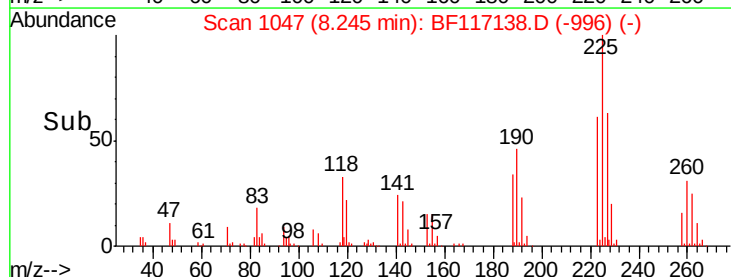
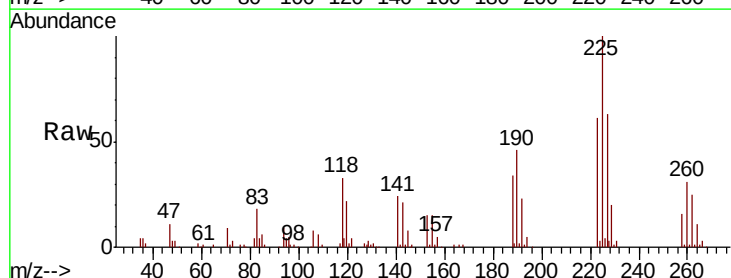
Instrument :
BNA_F
ClientSampleId :

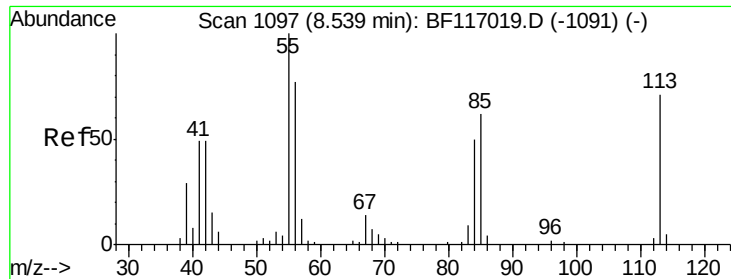
Tot Ion:	127	Resp:	144393
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	30.8	23.5	35.3
92	19.1	15.9	23.9



#34
Hexachlorobutadiene
Concen: 37.902 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion:	225	Resp:	93848
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.1	73.7
227	63.4	52.2	78.2

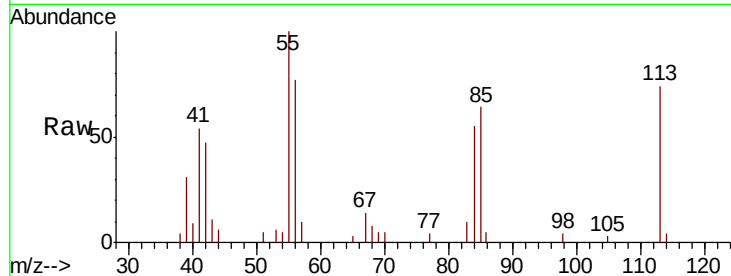




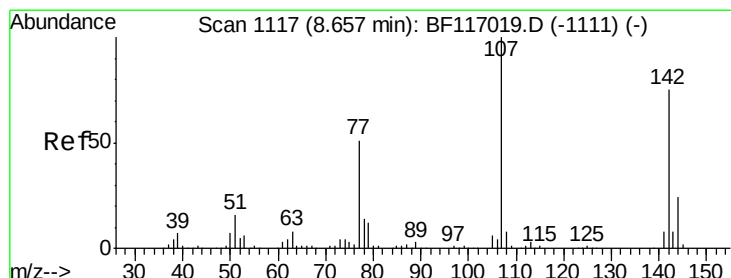
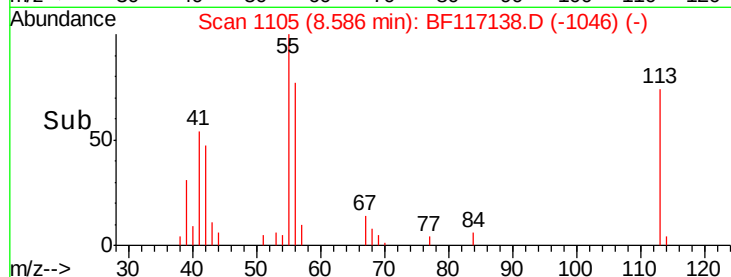
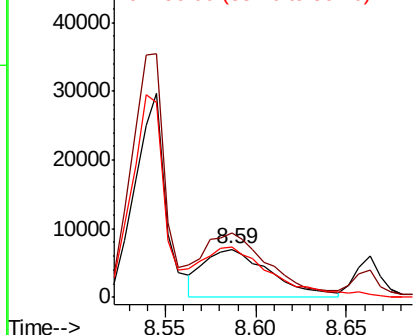
#35
 Caprolactam
 Concen: 12.938 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.05 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 17691
 Ion Ratio Lower Upper
 113 100
 55 135.0 120.6 160.6
 56 104.3 88.8 128.8

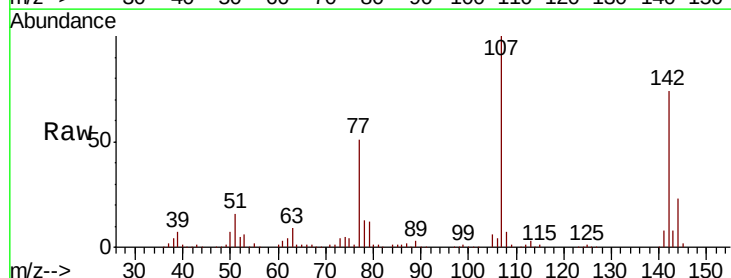


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

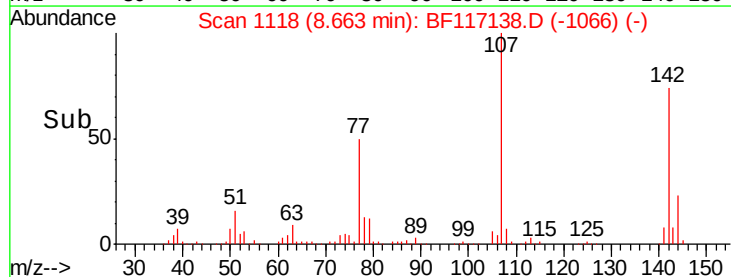
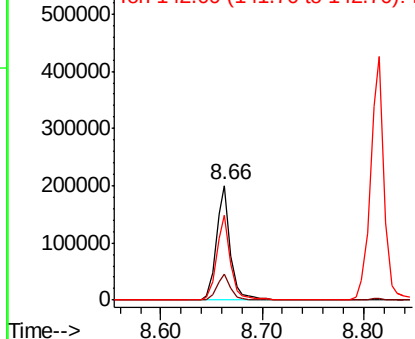


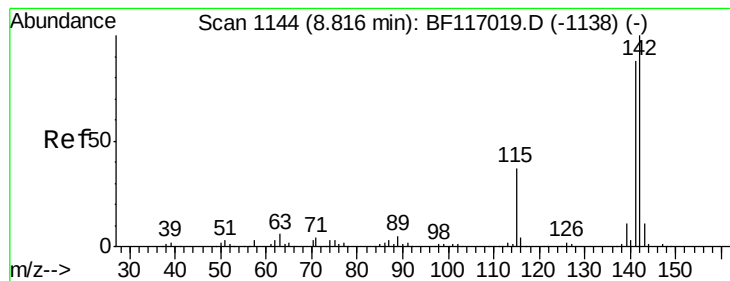
#36
 4-Chloro-3-methylphenol
 Concen: 41.051 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion:107 Resp: 193361
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.2 28.8
 142 73.6 59.6 89.4



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





#37

2-Methylnaphthalene

Concen: 40.654 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampled :

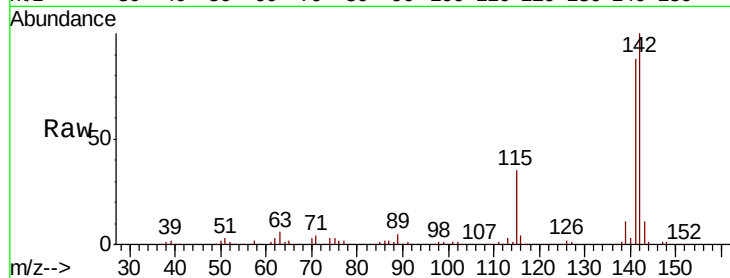
Tot Ion:142 Resp: 396484

Ion Ratio Lower Upper

142 100

141 88.1 70.7 106.1

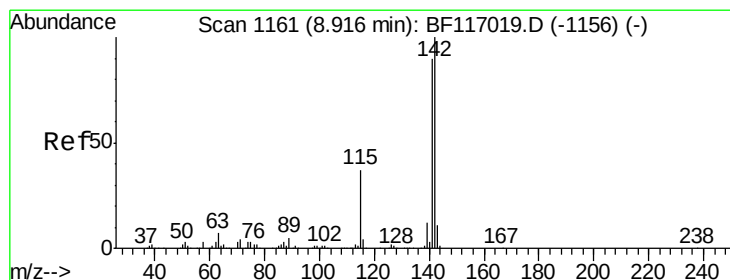
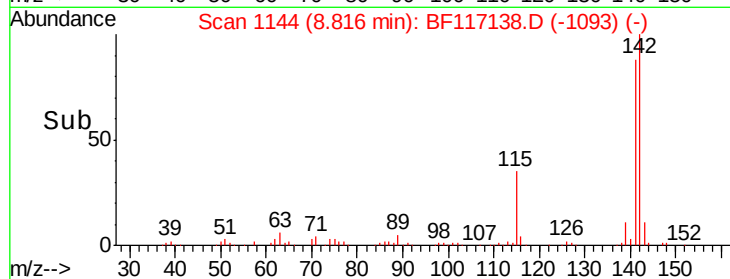
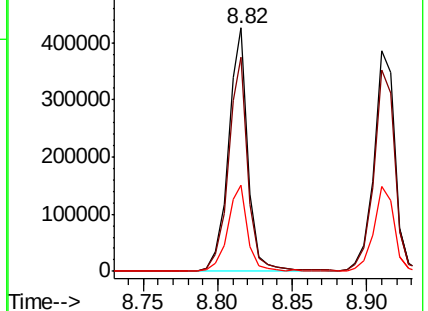
115 35.3 29.4 44.0



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: 41.729 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

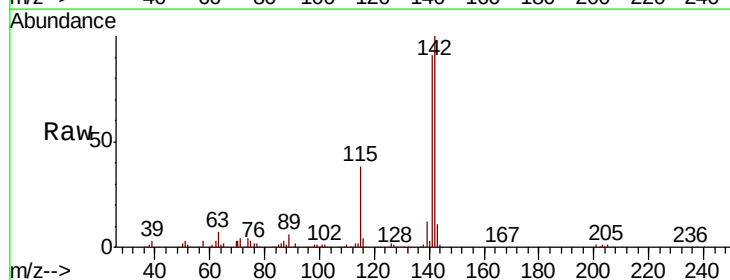
Tgt Ion:142 Resp: 381158

Ion Ratio Lower Upper

142 100

141 90.9 71.9 107.9

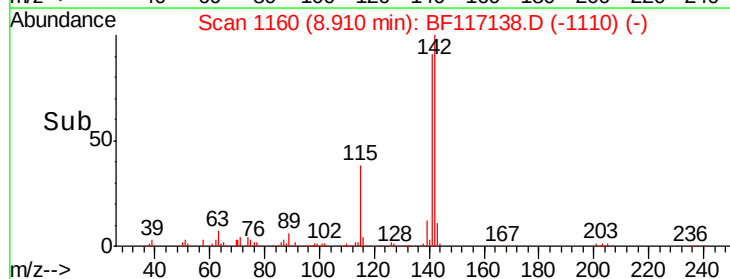
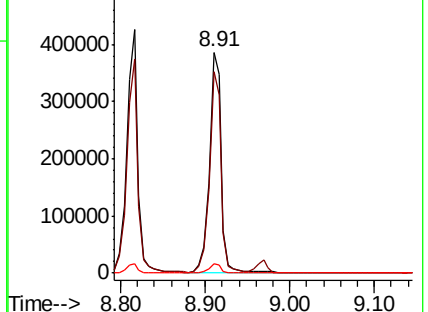
116 4.2 3.2 4.8

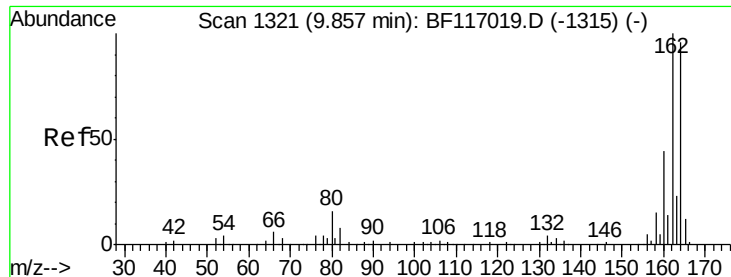


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampleId :

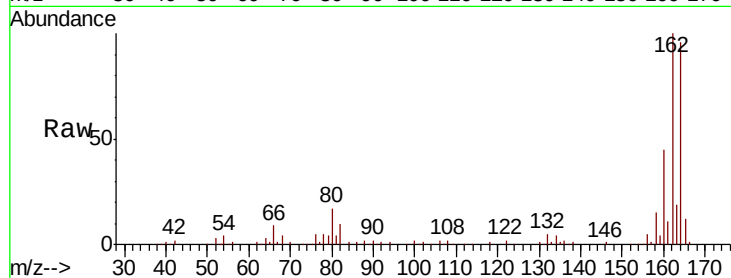
Tot Ion:164 Resp: 153630

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.2

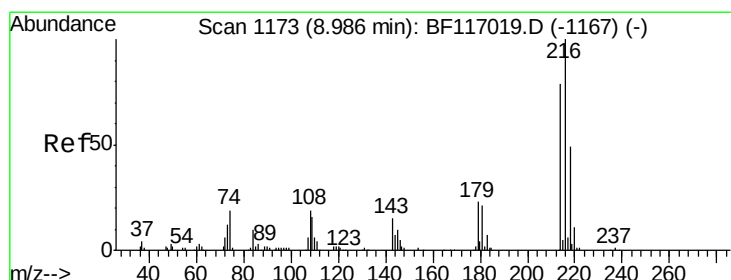
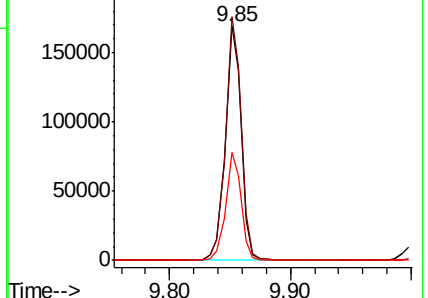
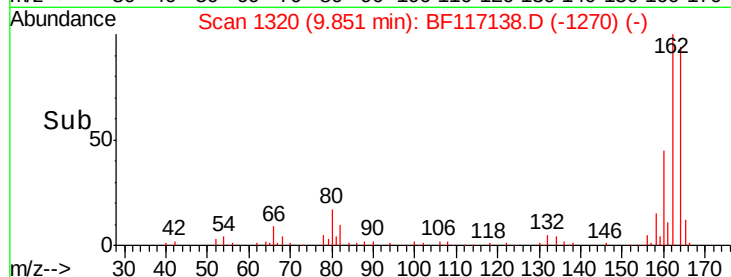
160 46.3 36.4 54.6



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: 39.756 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Tgt Ion:216 Resp: 157717

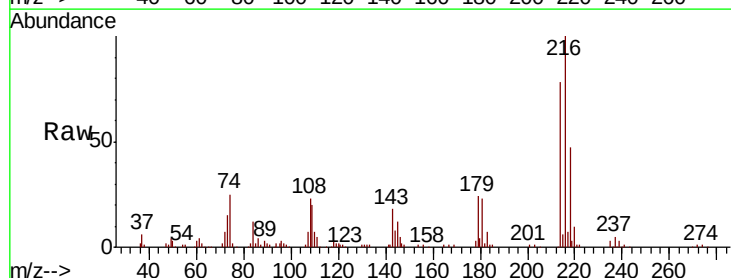
Ion Ratio Lower Upper

216 100

214 78.7 63.6 95.4

179 22.6 18.3 27.5

108 24.2 17.8 26.6

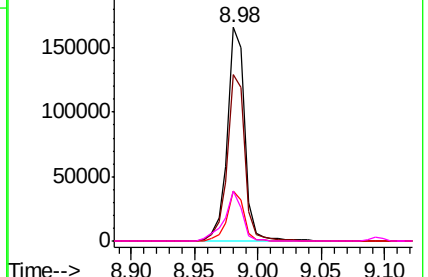
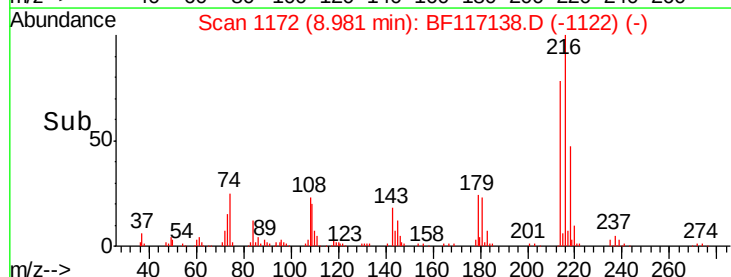


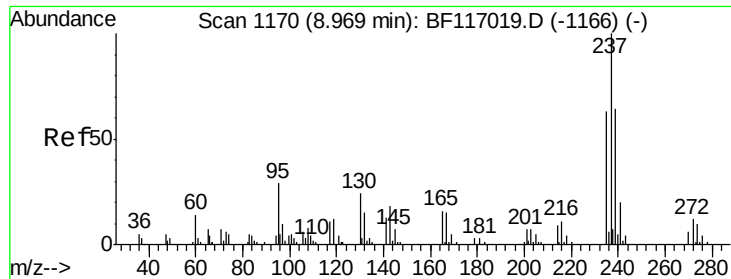
Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.932 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampleId :

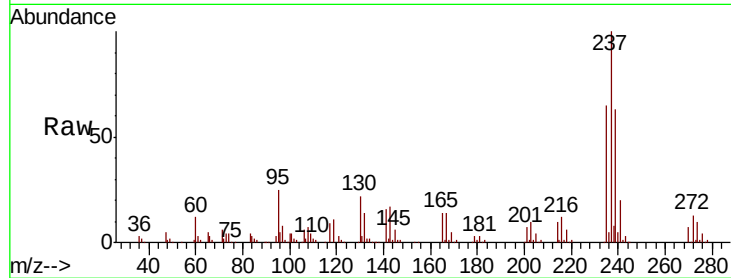
Tot Ion:237 Resp: 132376

Ion Ratio Lower Upper

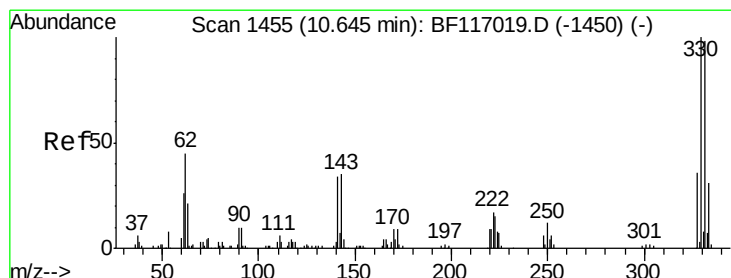
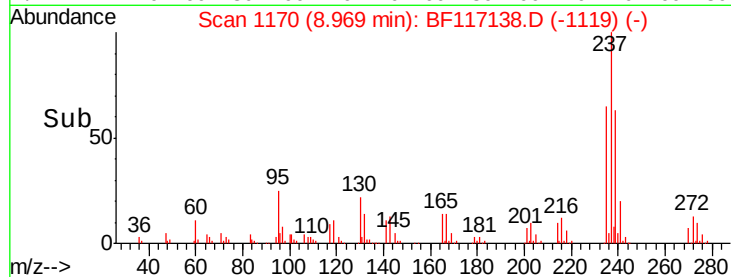
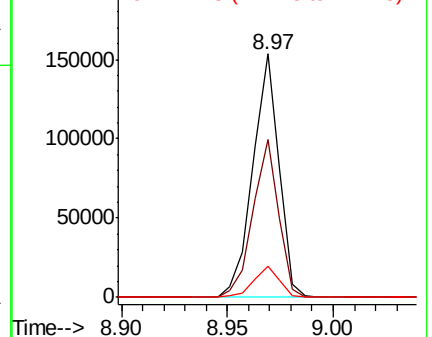
237 100

235 64.7 43.2 83.2

272 12.8 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: 108.367 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

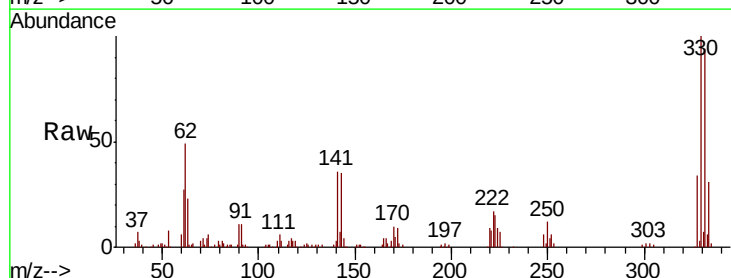
Tgt Ion:330 Resp: 139143

Ion Ratio Lower Upper

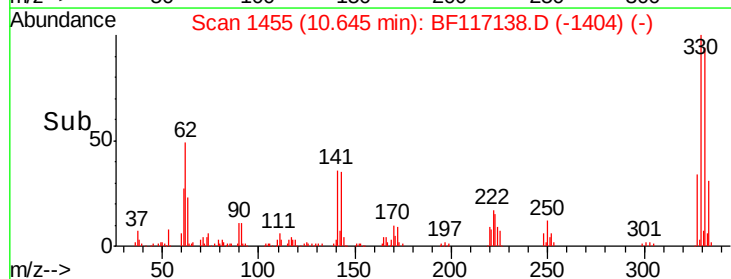
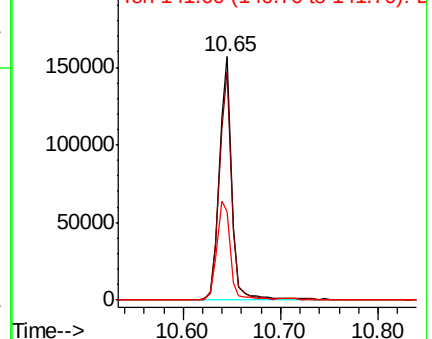
330 100

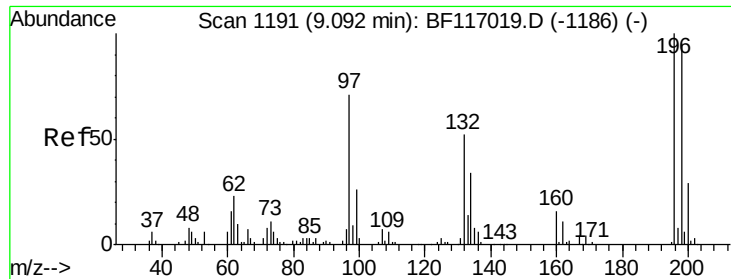
332 93.3 78.0 117.0

141 43.8 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

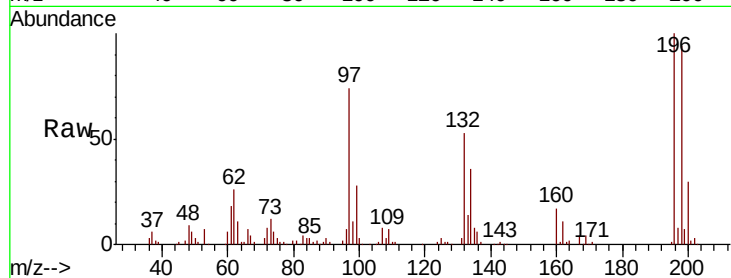




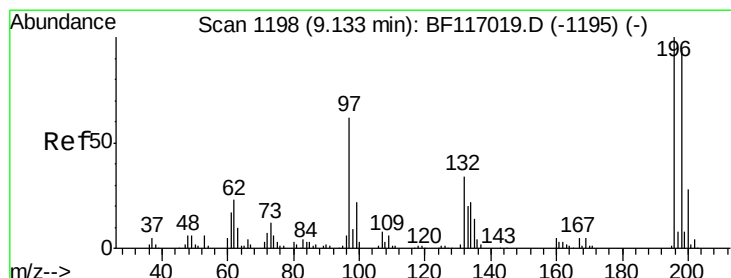
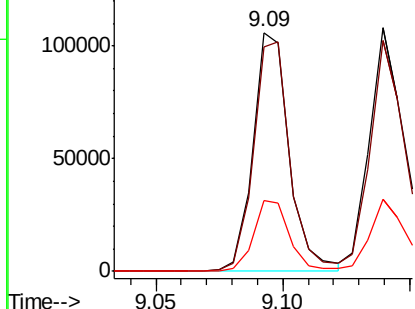
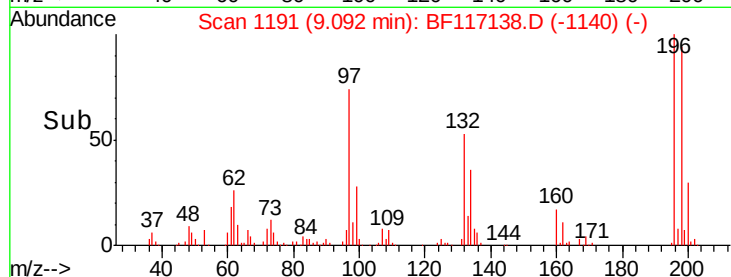
#43
 2,4,6-Trichlorophenol
 Concen: 39.072 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 105190
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.7 113.5
 200 29.6 23.3 34.9

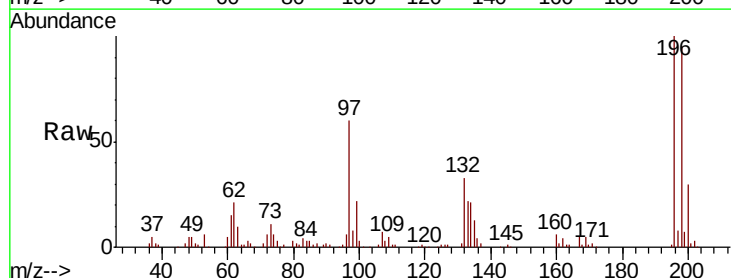


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

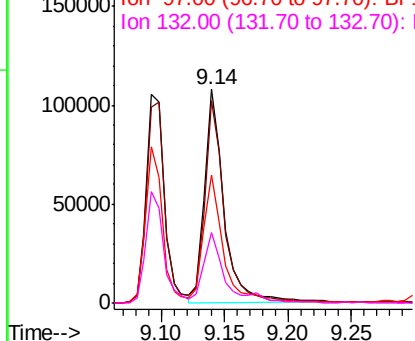
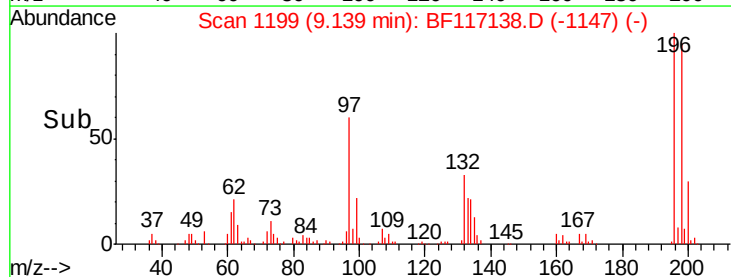


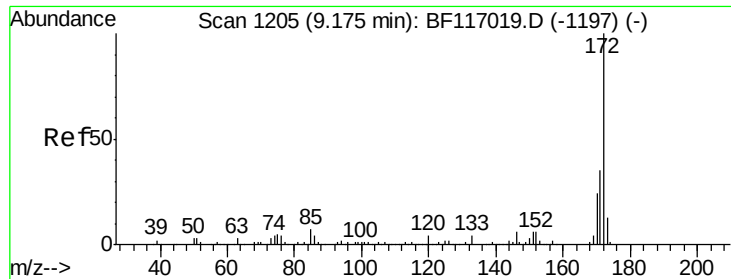
#44
 2,4,5-Trichlorophenol
 Concen: 40.556 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion:196 Resp: 116655
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.6 112.0
 97 60.1 49.5 74.3
 132 32.9 27.4 41.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

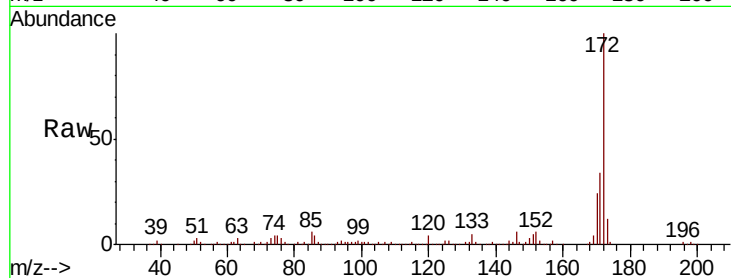




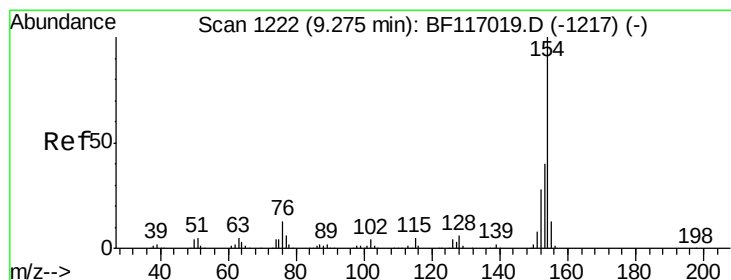
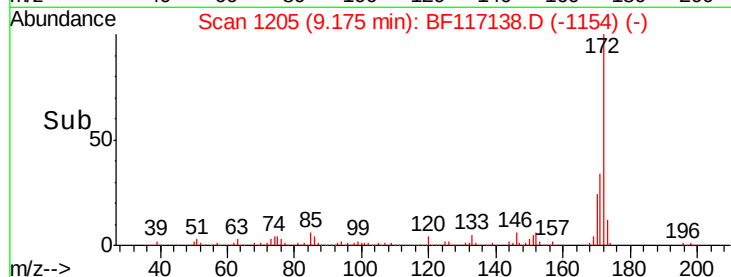
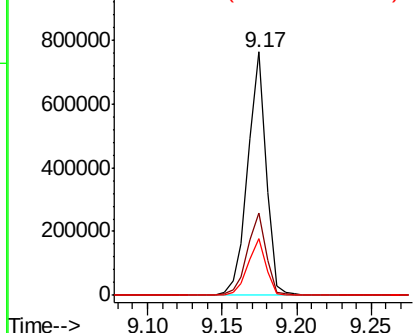
#45
2-Fluorobiphenyl
Concen: 66.582 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 654210
Ion Ratio Lower Upper
172 100
171 33.7 28.2 42.2
170 23.5 18.9 28.3

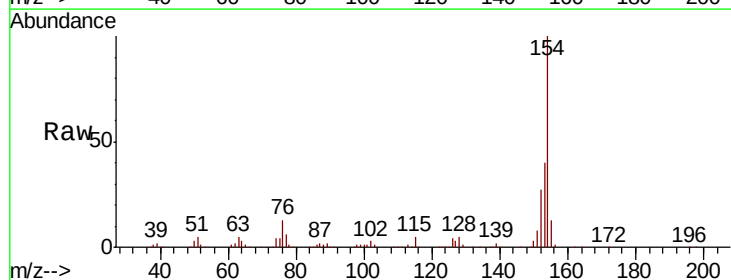


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

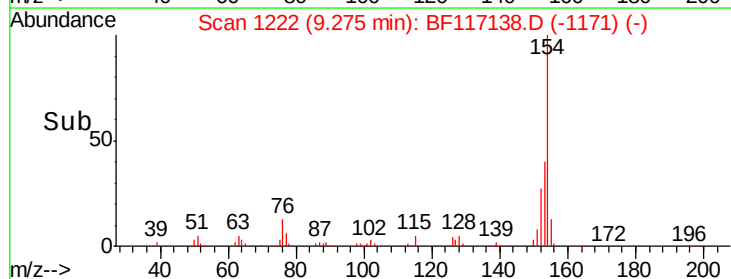
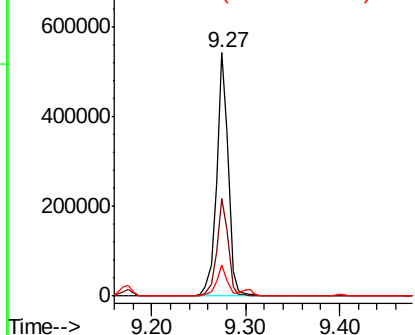


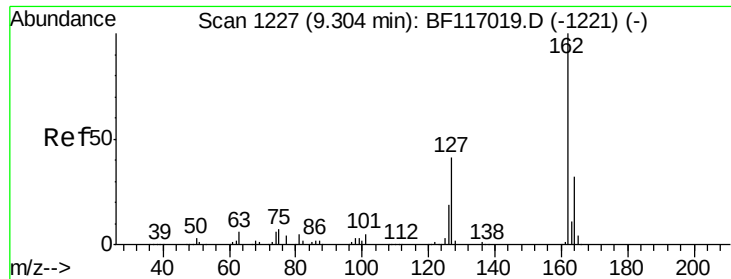
#46
1,1'-Biphenyl
Concen: 39.343 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion:154 Resp: 474111
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

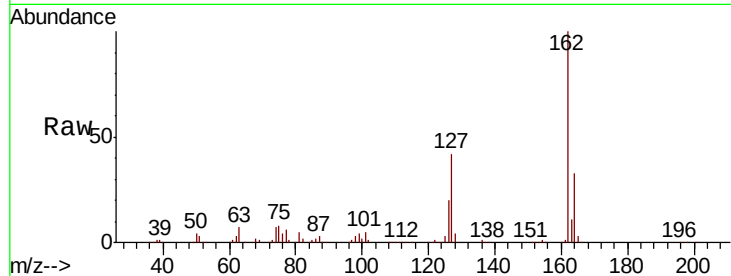




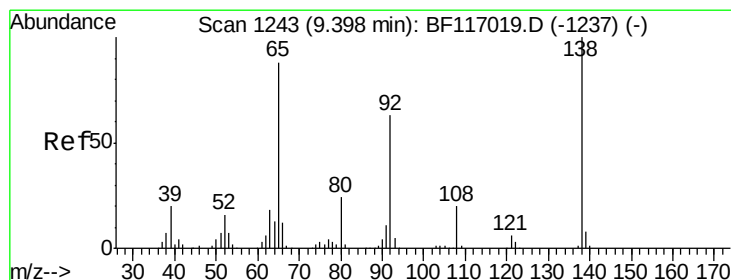
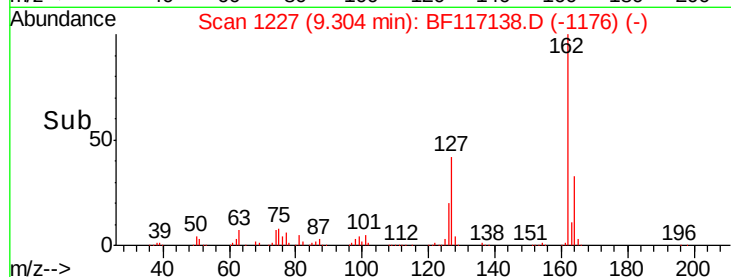
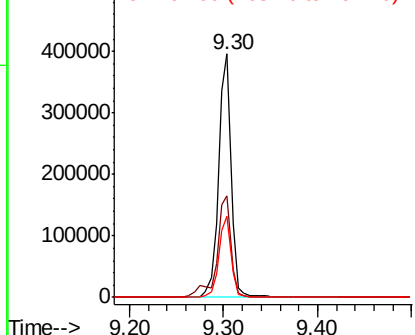
#47
2-Chloronaphthalene
Concen: 39.004 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	34.1	51.1
164	33.0	25.9	38.9

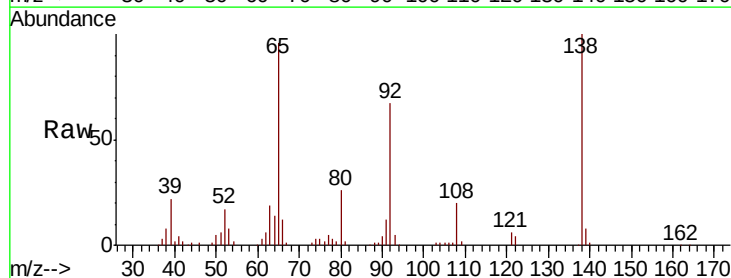


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

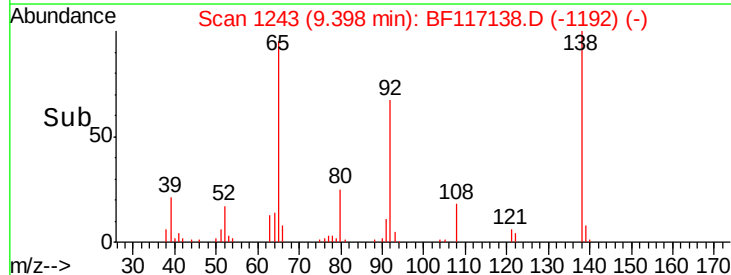
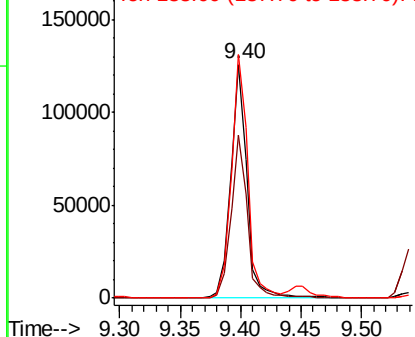


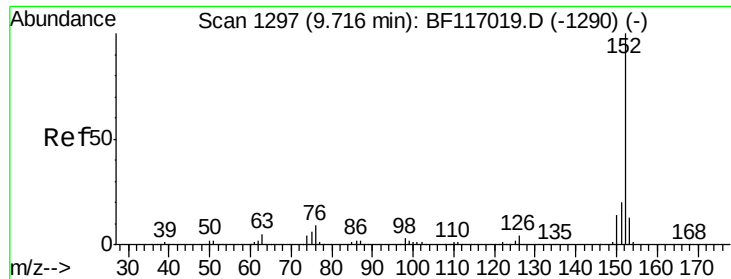
#48
2-Nitroaniline
Concen: 38.925 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	57.5	86.3
138	104.1	90.6	136.0



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





#49

Acenaphthylene

Concen: 40.762 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampleId :

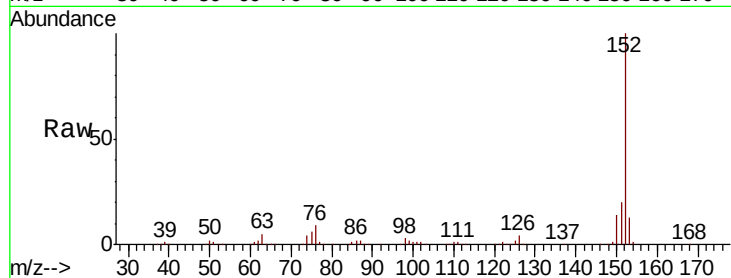
Tot Ion:152 Resp: 580756

Ion Ratio Lower Upper

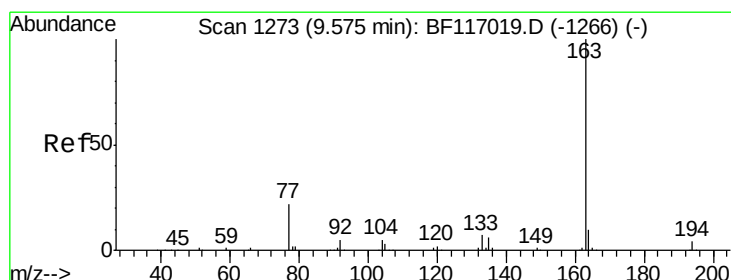
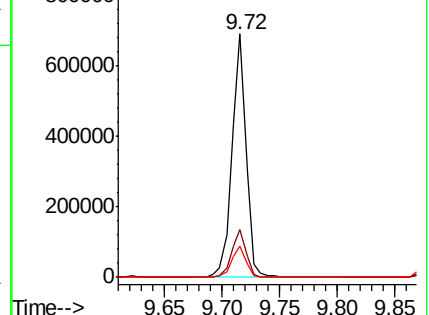
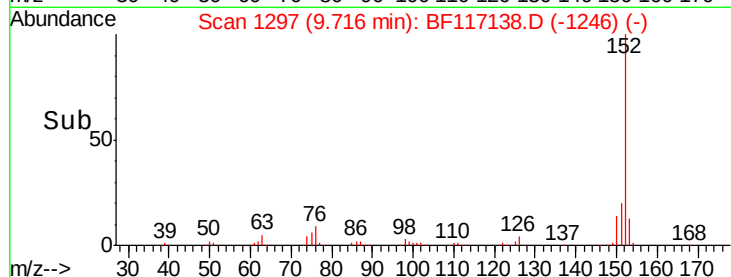
152 100

151 19.7 16.2 24.2

153 13.0 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: 39.085 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

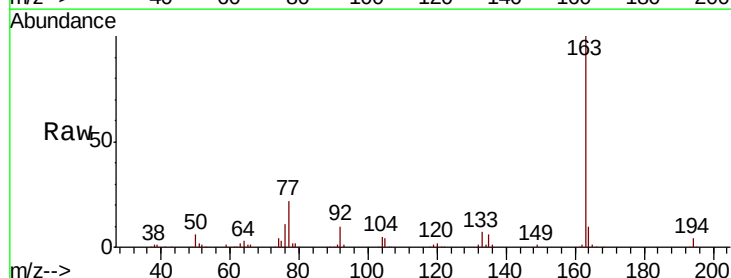
Tgt Ion:163 Resp: 425157

Ion Ratio Lower Upper

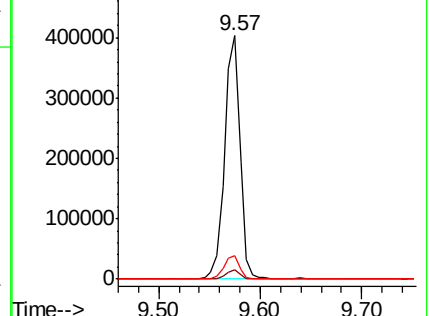
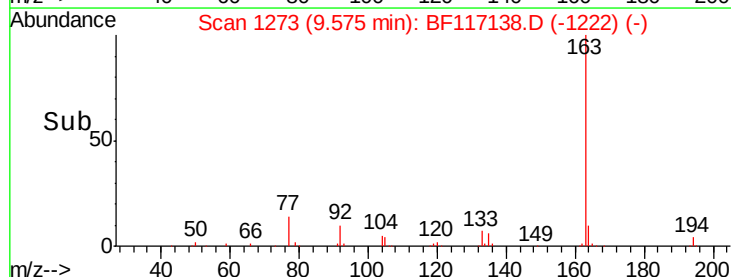
163 100

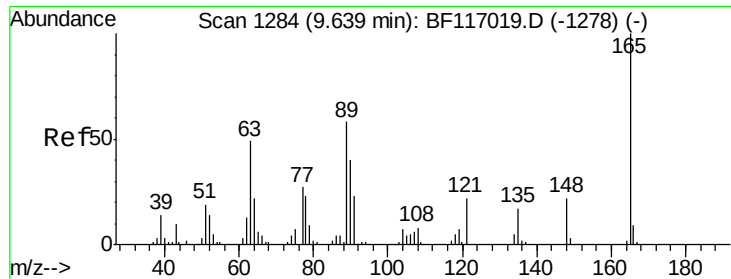
194 3.7 2.9 4.3

164 9.8 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: 42.321 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :

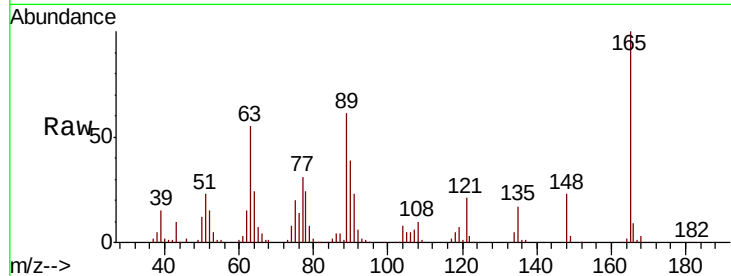
Tot Ion:165 Resp: 93760

Ion Ratio Lower Upper

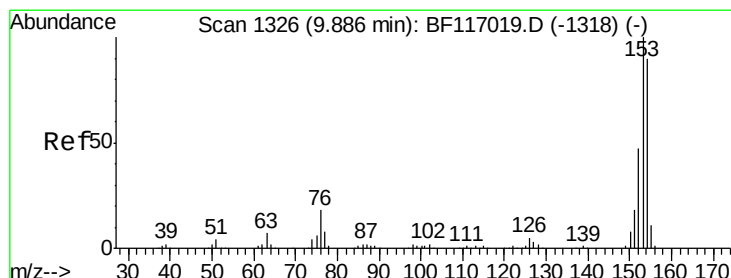
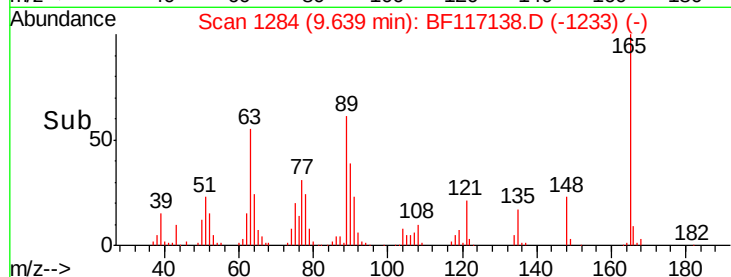
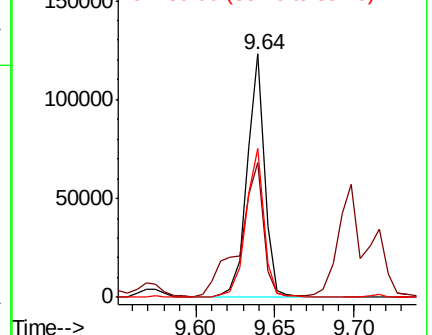
165 100

63 55.3 41.8 62.8

89 61.0 46.5 69.7



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



#52

Acenaphthene

Concen: 39.190 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

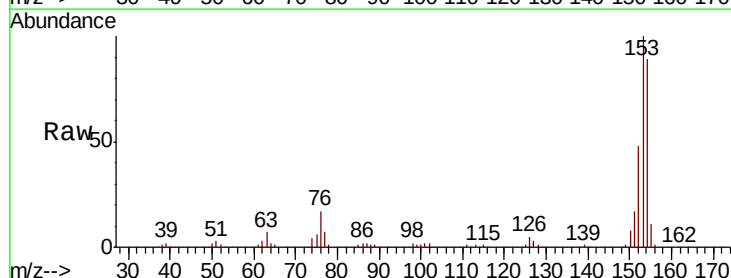
Tgt Ion:154 Resp: 330987

Ion Ratio Lower Upper

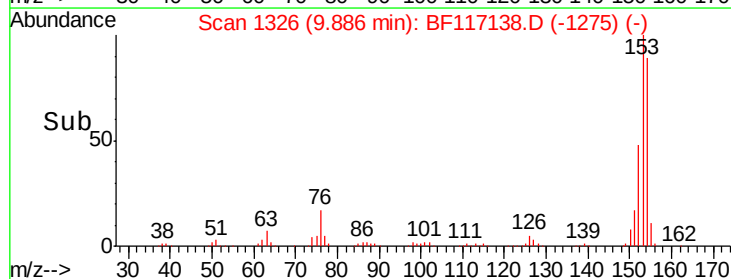
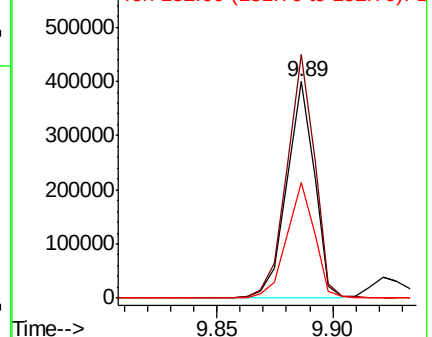
154 100

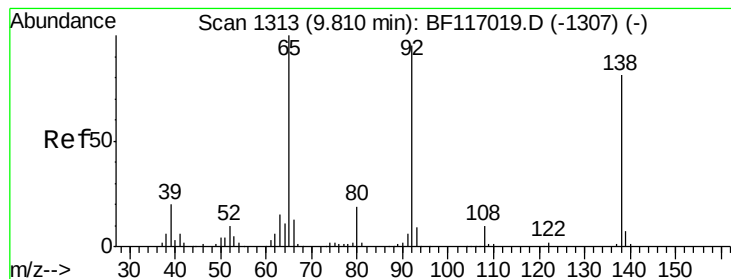
153 112.6 89.0 133.6

152 53.5 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: 27.018 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampleId :

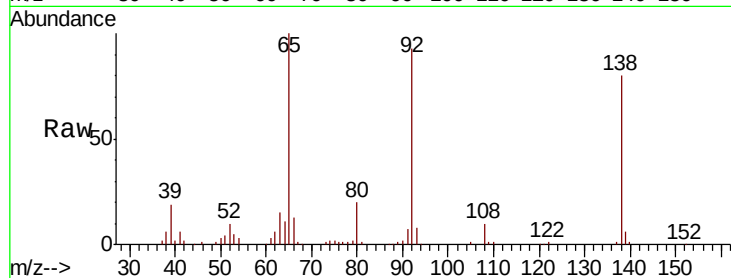
Tot Ion:138 Resp: 75520

Ion Ratio Lower Upper

138 100

108 12.0 9.5 14.3

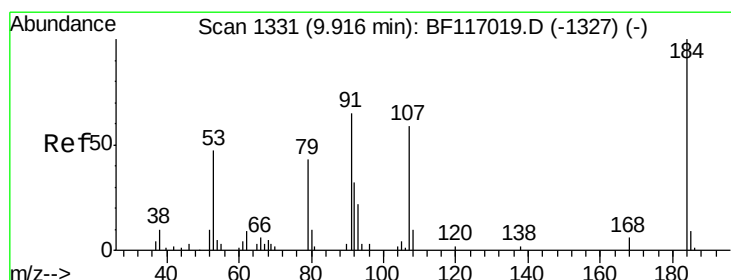
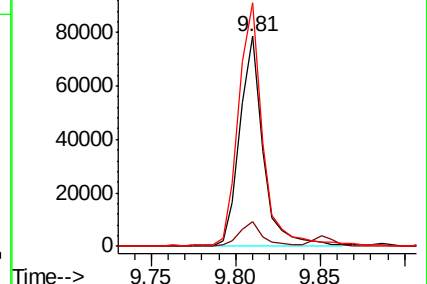
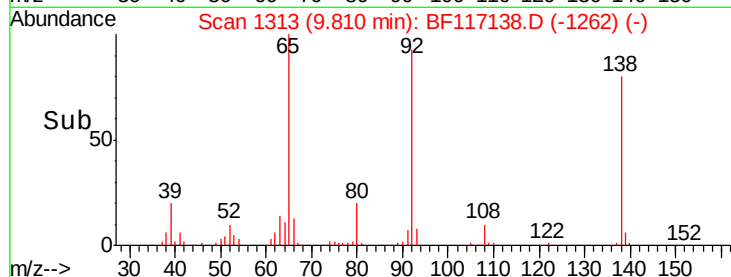
92 116.0 94.1 141.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 75.608 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

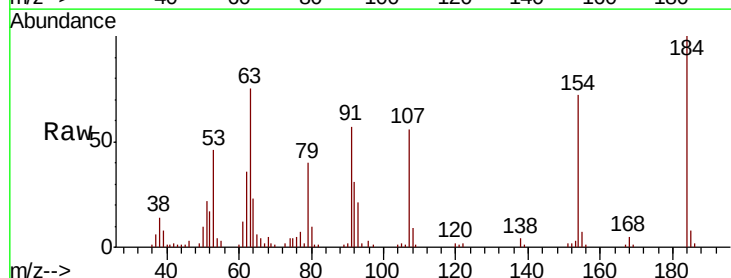
Tgt Ion:184 Resp: 71784

Ion Ratio Lower Upper

184 100

63 74.8 63.8 95.6

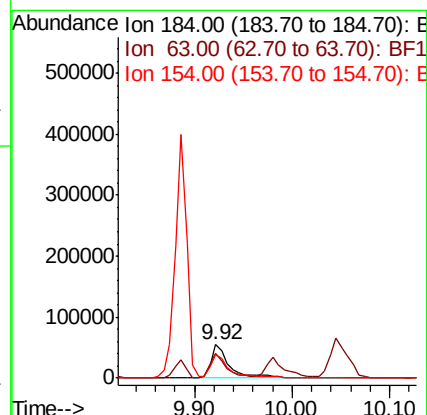
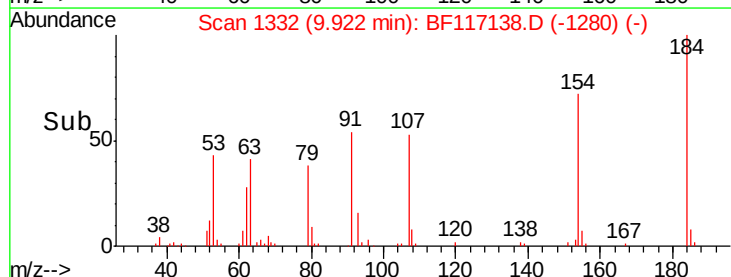
154 72.4 60.4 90.6

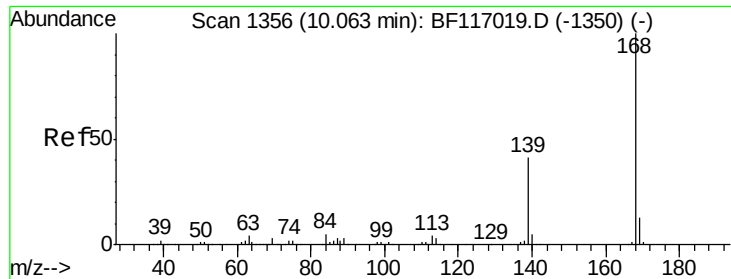


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

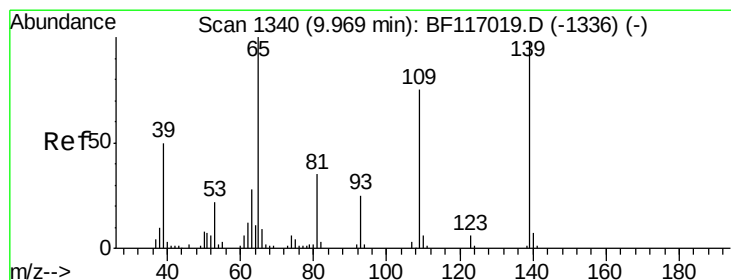
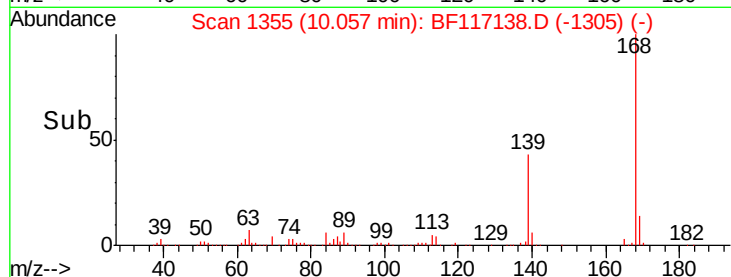
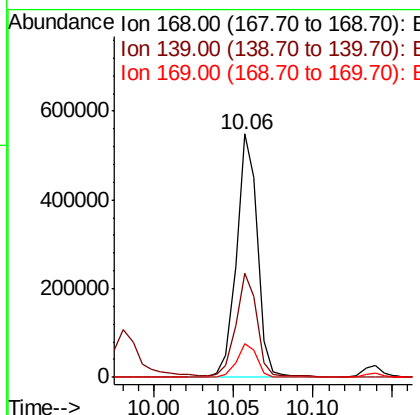
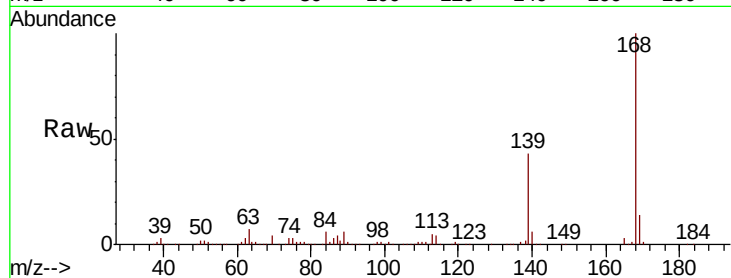




#55
Dibenzenofuran
Concen: 40.377 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

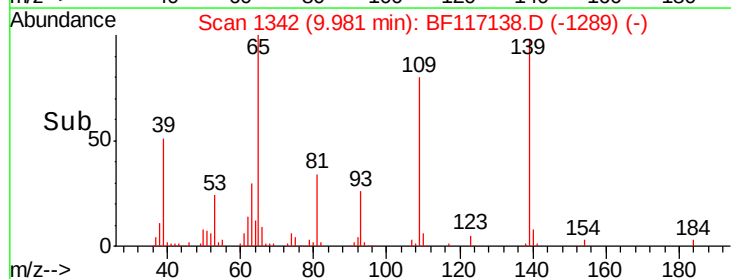
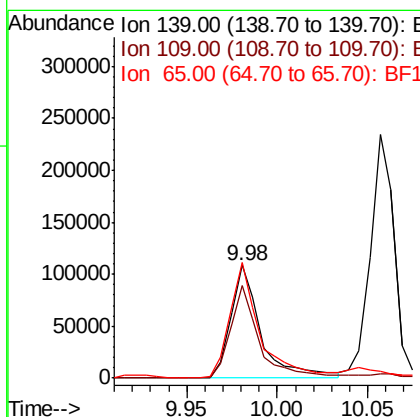
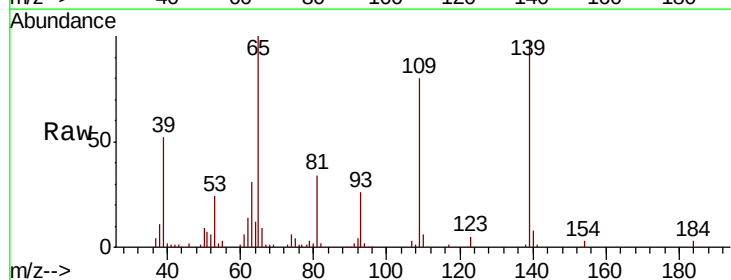
Instrument :
BNA_F
ClientSampleId :

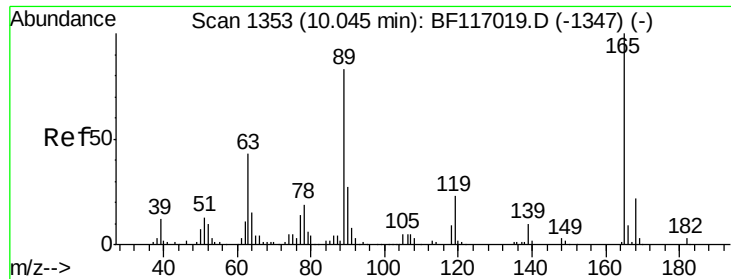
Tot Ion:168 Resp: 503130
Ion Ratio Lower Upper
168 100
139 42.7 32.8 49.2
169 14.1 10.5 15.7



#56
4-Nitrophenol
Concen: 69.783 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion:139 Resp: 126420
Ion Ratio Lower Upper
139 100
109 81.6 56.4 96.4
65 102.1 82.5 122.5

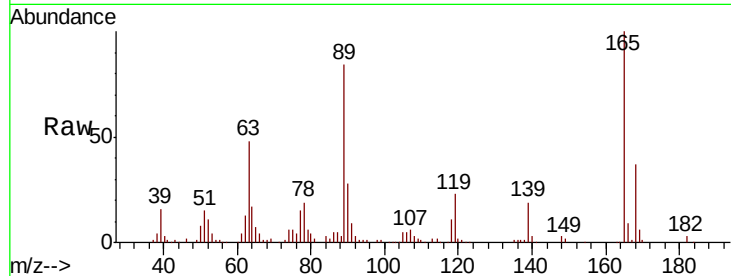




#57
2,4-Dinitrotoluene
Concen: 43.978 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	48.2	35.0	52.4	
89	84.0	66.1	99.1	
182	2.6	2.0	3.0	



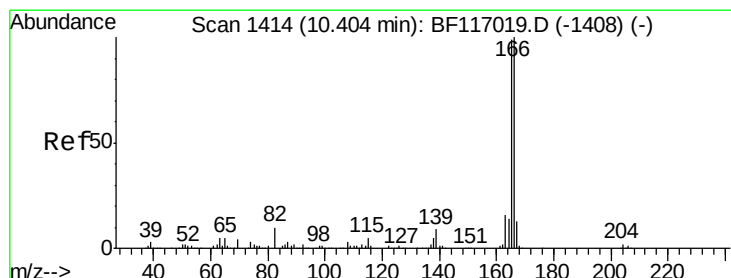
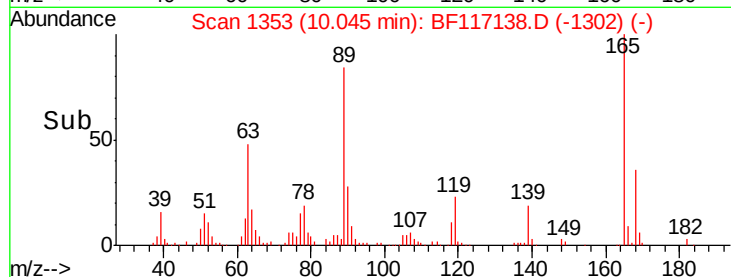
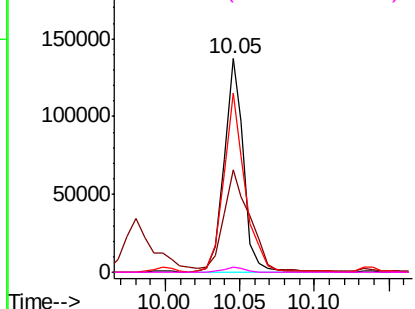
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

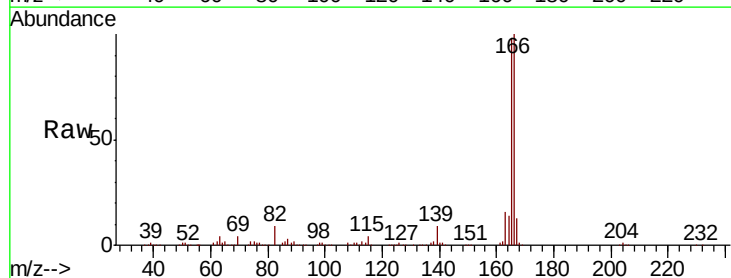
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.020 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.2	78.9	118.3	
167	12.8	10.6	15.8	

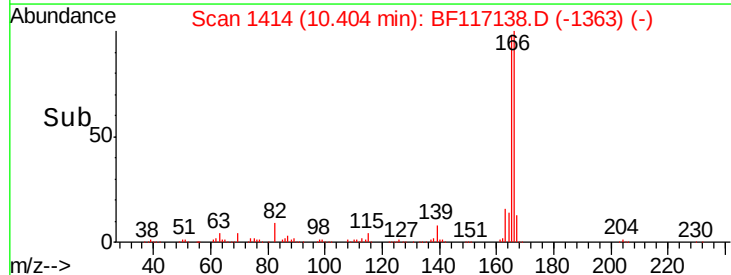
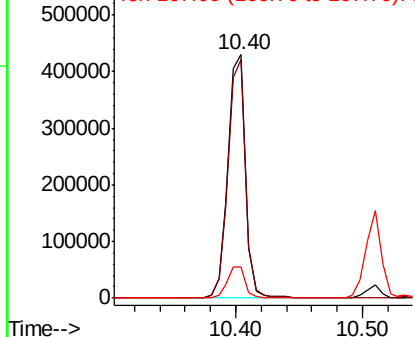


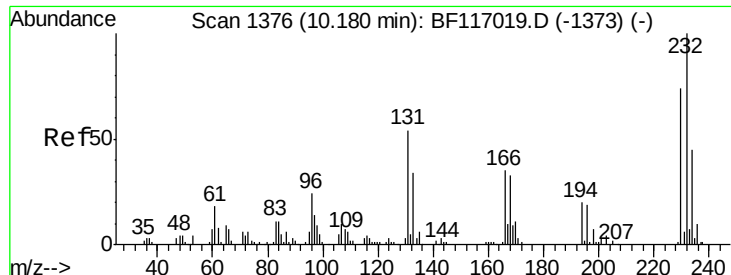
Abundance

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

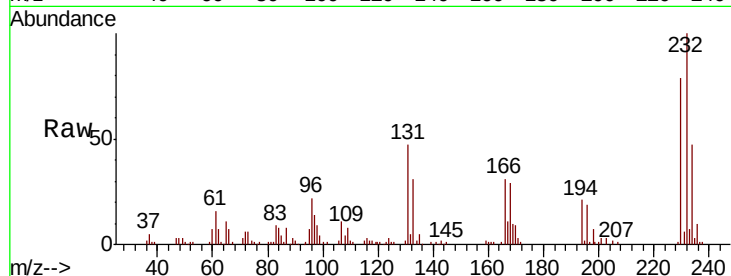




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.138 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.1	45.3	67.9
130	2.1	1.8	2.8
166	31.4	29.4	44.2



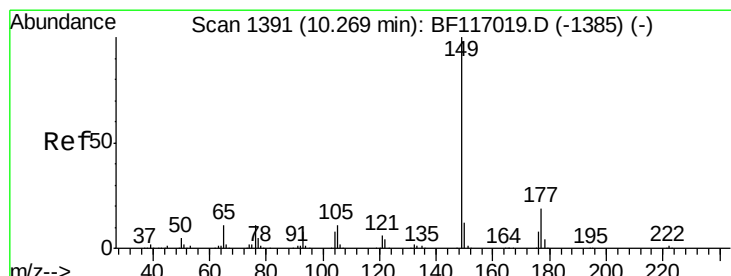
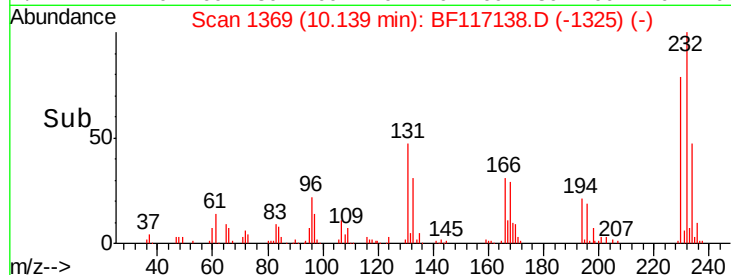
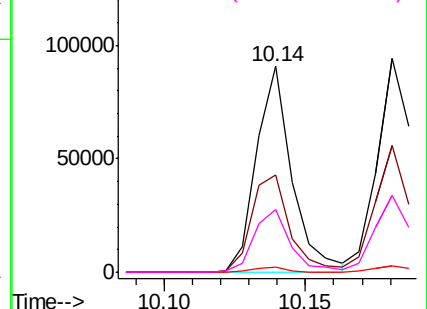
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

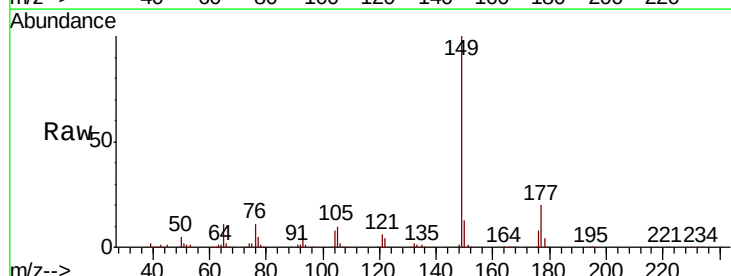
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.876 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.2	15.2	22.8
150	12.9	9.9	14.9

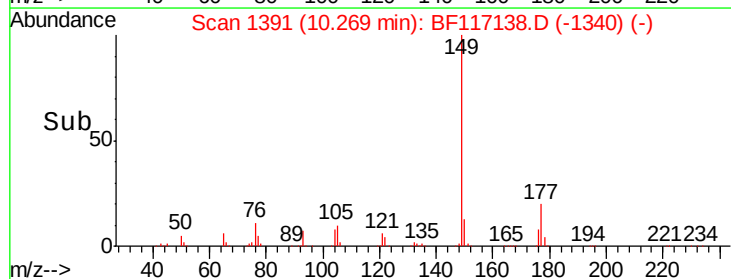
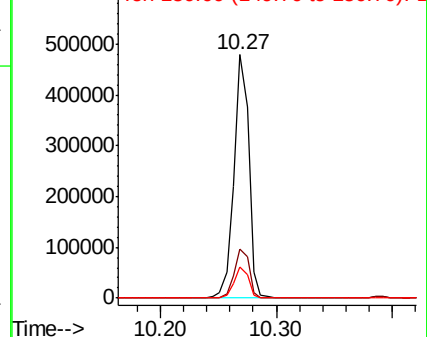


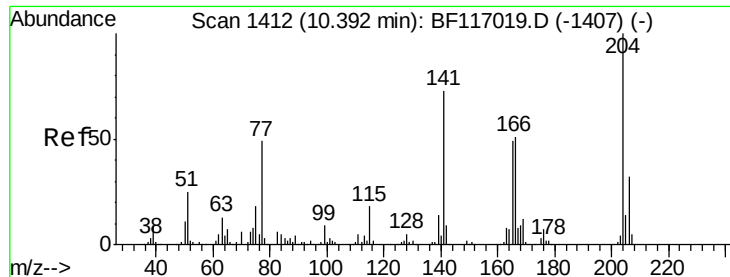
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

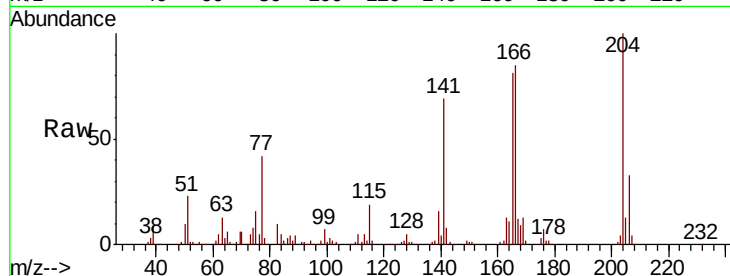




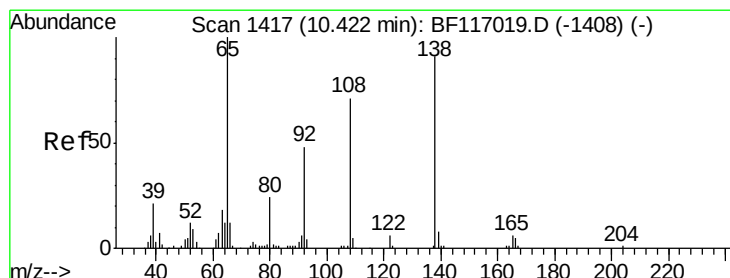
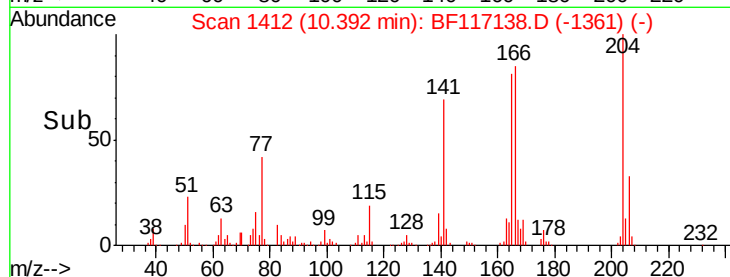
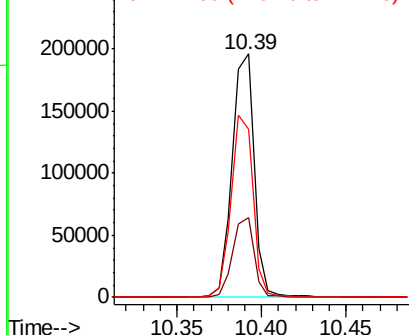
#61
4-Chlorophenyl-phenylether
Concen: 40.926 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 177738
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 68.8 58.2 87.2

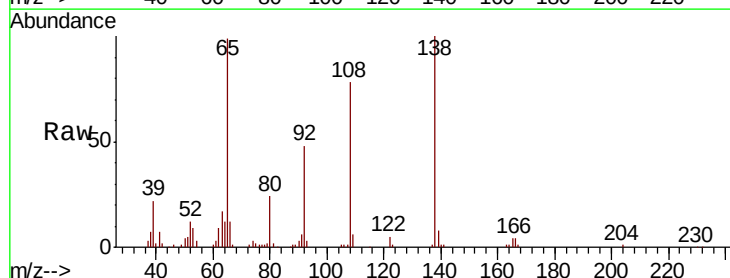


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

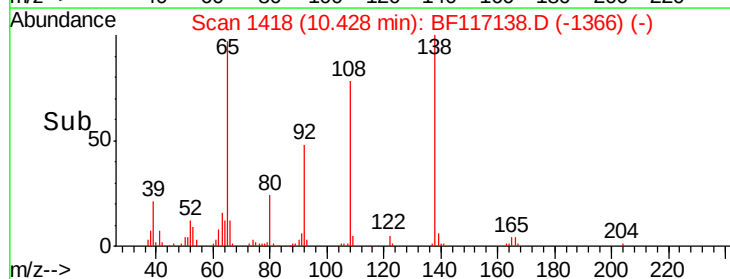
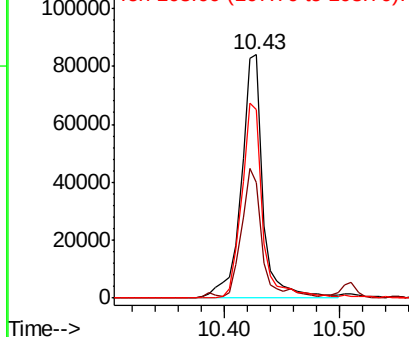


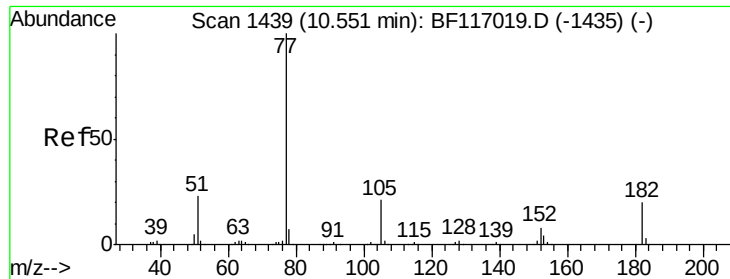
#62
4-Nitroaniline
Concen: 37.518 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion:138 Resp: 109061
Ion Ratio Lower Upper
138 100
92 47.5 32.9 72.9
108 77.6 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: 40.307 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 440555

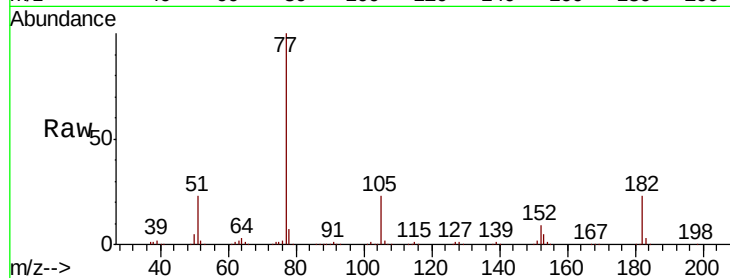
Ion Ratio Lower Upper

77 100

182 23.0 0.4 40.4

105 22.5 0.9 40.9

51 22.9 2.8 42.8

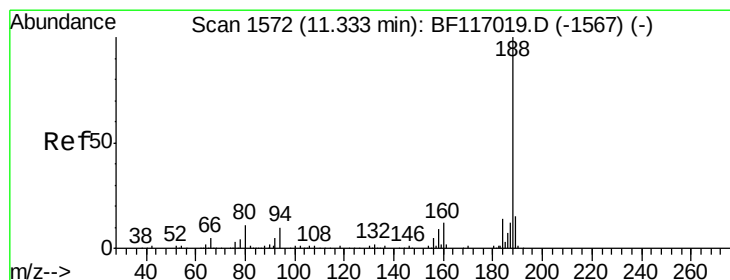
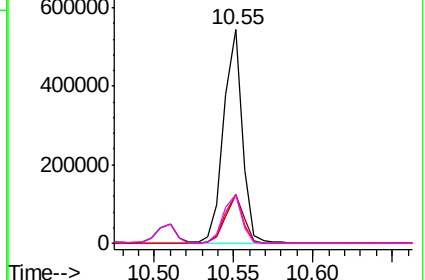
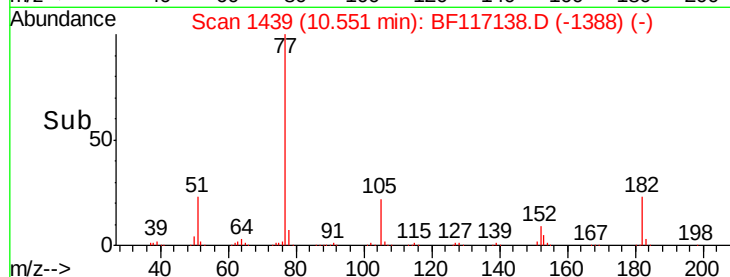


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

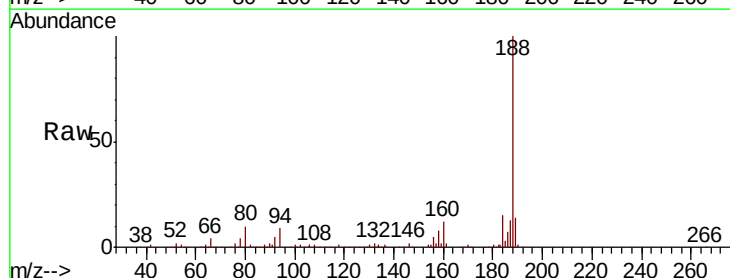
Tgt Ion: 188 Resp: 255523

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

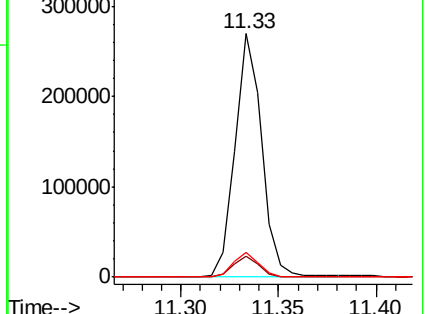
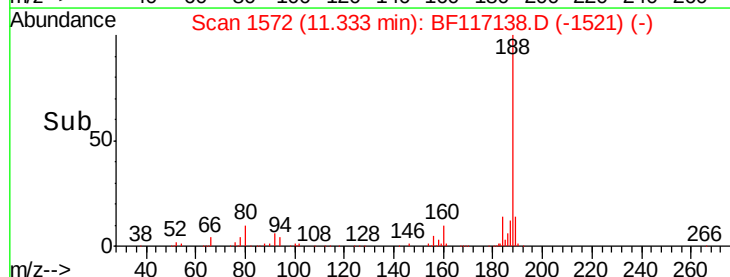
80 10.3 9.0 13.6

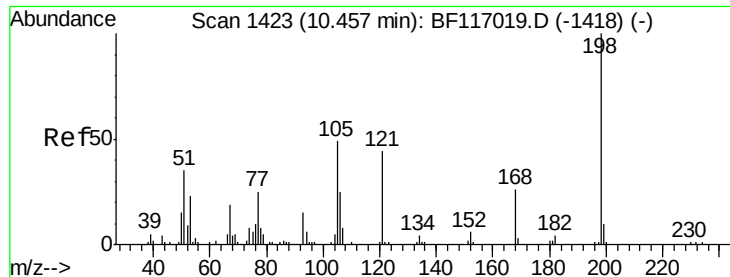


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

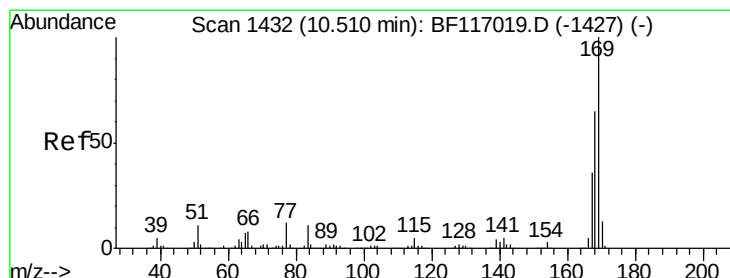
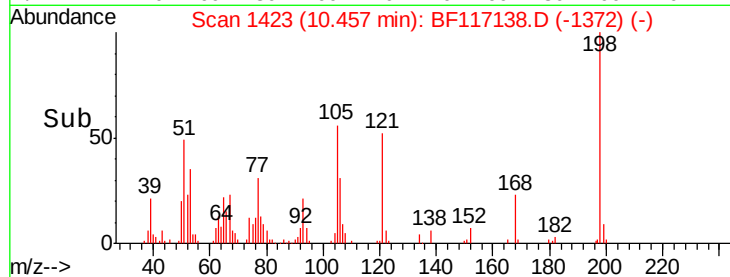
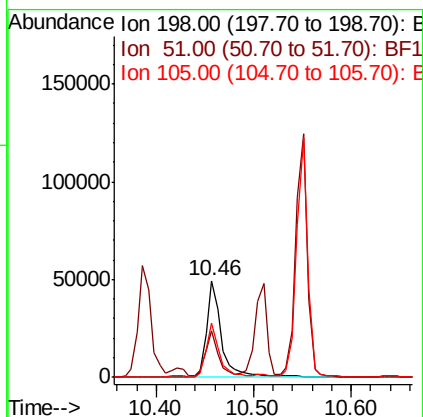
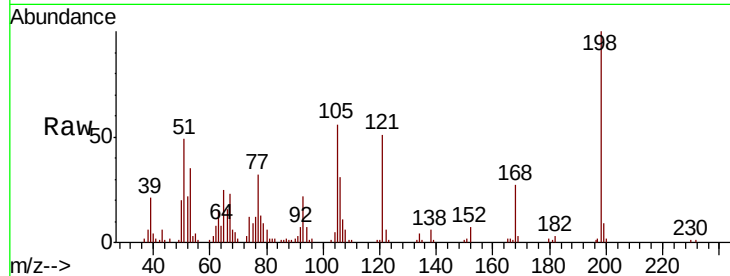




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.005 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

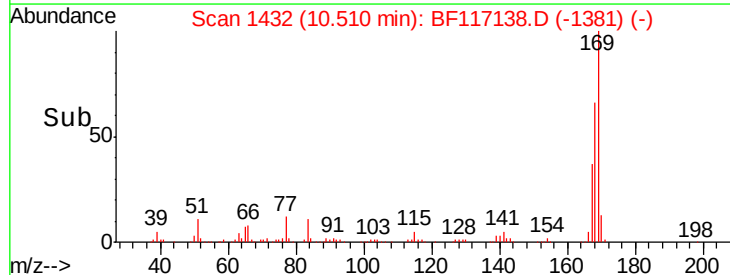
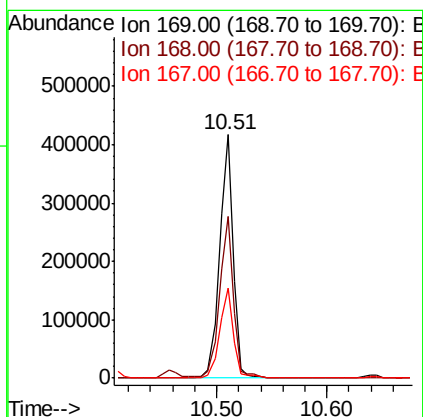
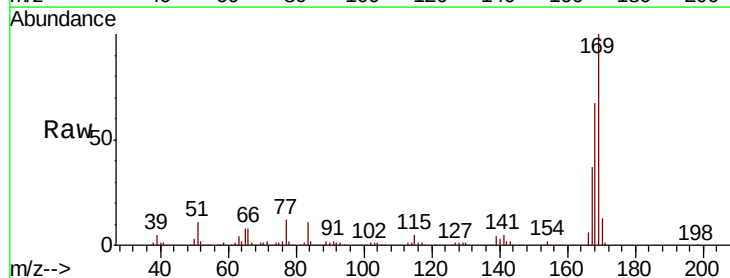
Instrument :
 BNA_F
 ClientSampled :

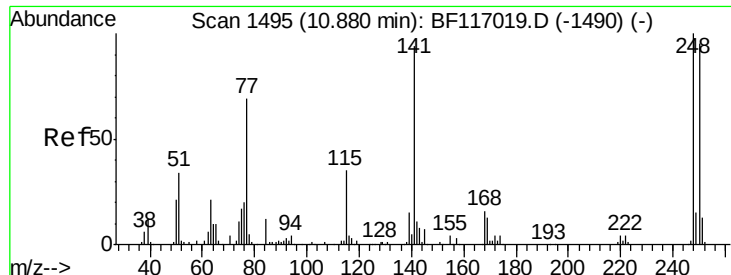
Tot Ion:198 Resp: 51813
 Ion Ratio Lower Upper
 198 100
 51 48.9 18.7 58.7
 105 55.7 30.2 70.2



#66
 n-Nitrosodiphenylamine
 Concen: 40.366 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion:169 Resp: 356216
 Ion Ratio Lower Upper
 169 100
 168 66.5 52.2 78.2
 167 36.8 28.8 43.2

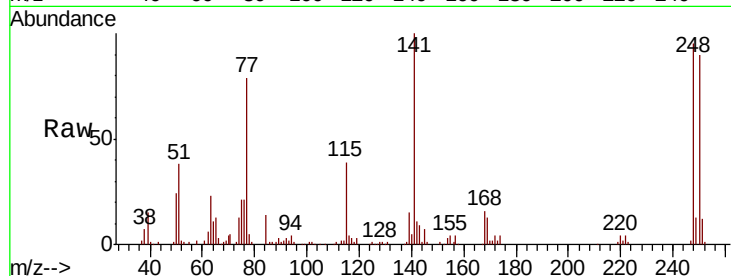




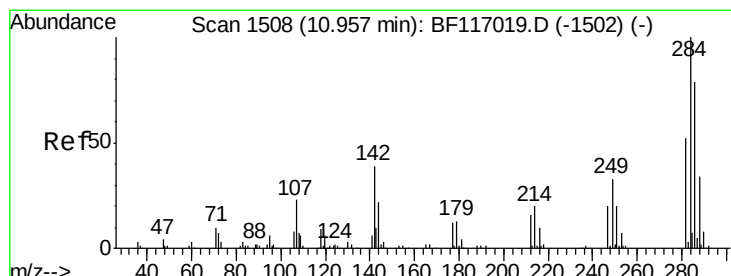
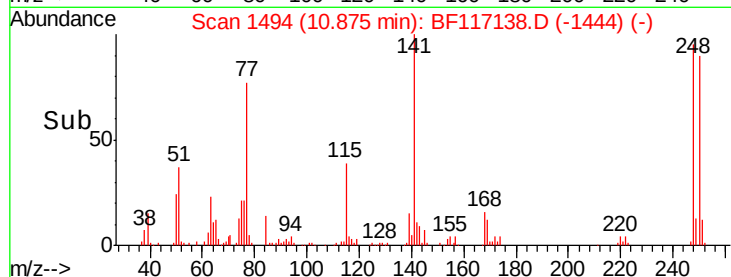
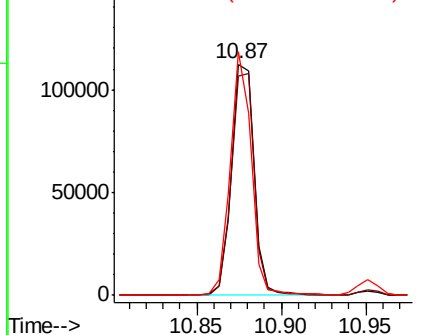
#67
4-Bromophenyl-phenylether
Concen: 40.004 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 104390
Ion Ratio Lower Upper
248 100
250 94.9 76.2 114.4
141 105.3 75.0 112.4

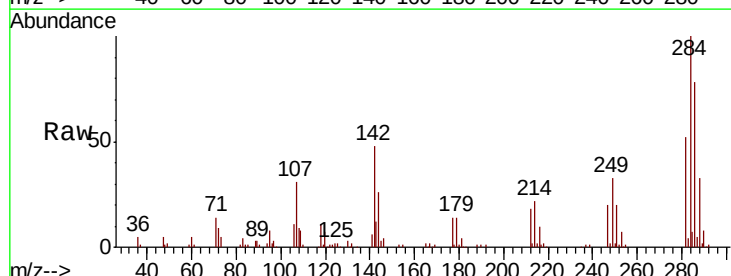


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

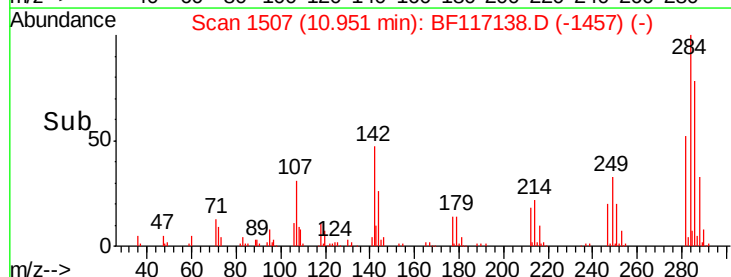
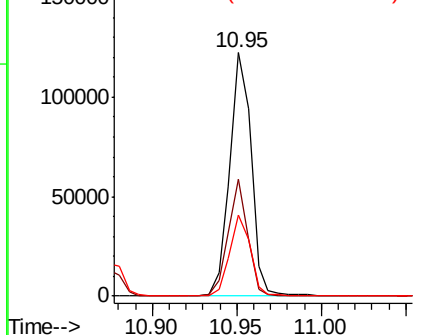


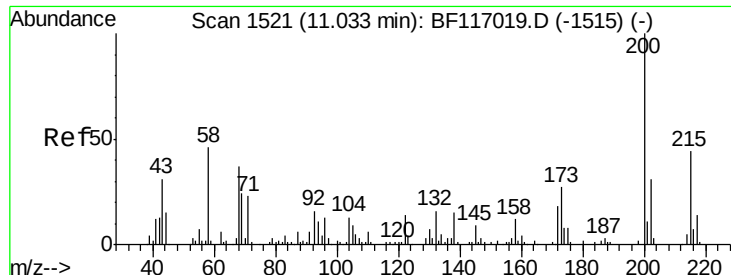
#68
Hexachlorobenzene
Concen: 37.931 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion:284 Resp: 108261
Ion Ratio Lower Upper
284 100
142 48.0 31.4 47.2#
249 33.2 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: 45.482 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampleId :

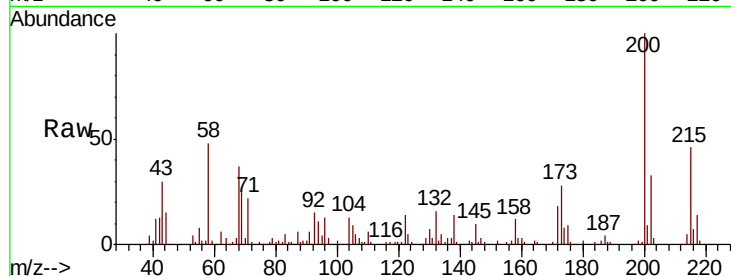
Tot Ion:200 Resp: 99579

Ion Ratio Lower Upper

200 100

173 28.4 6.9 46.9

215 45.9 23.8 63.8

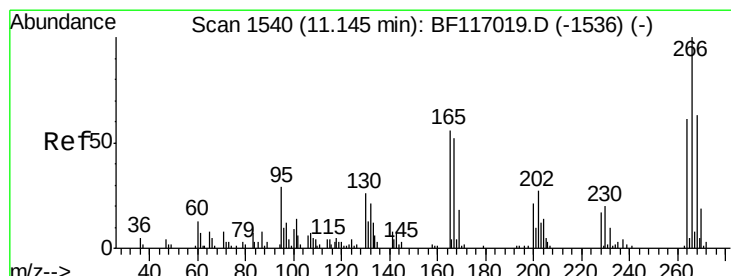
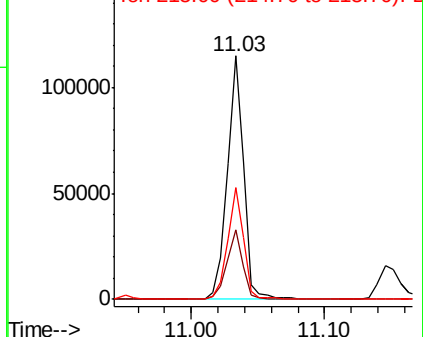
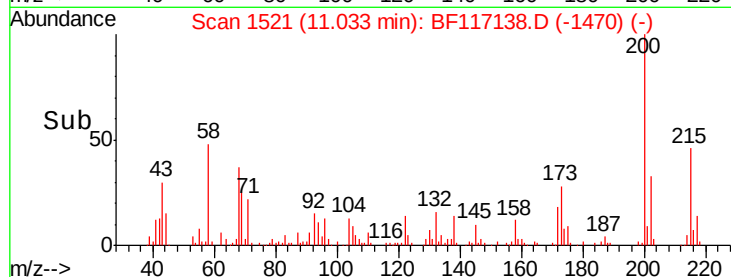


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.537 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

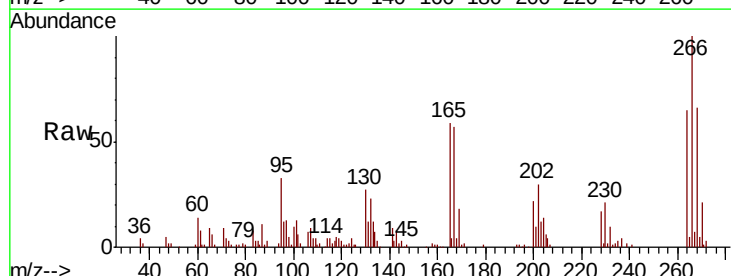
Tgt Ion:266 Resp: 103736

Ion Ratio Lower Upper

266 100

268 66.0 50.5 75.7

264 64.9 48.8 73.2

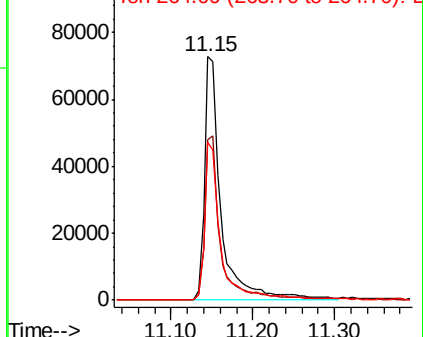
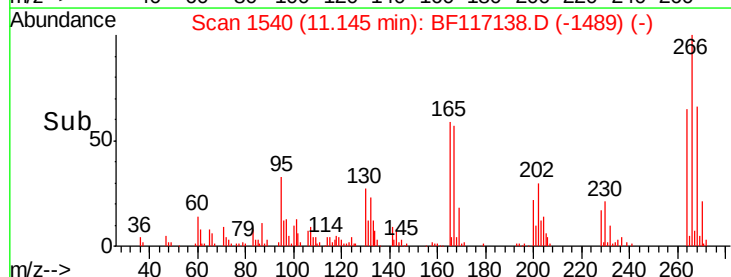


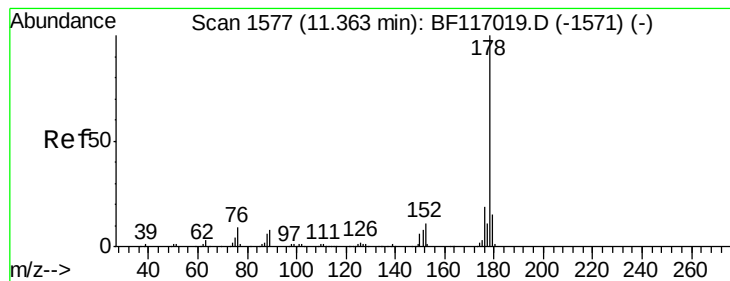
Abundance

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: 39.373 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampleId :

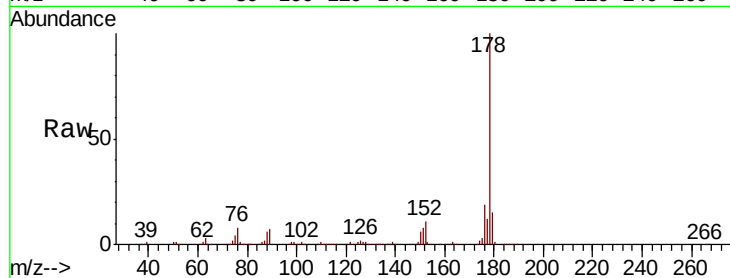
Tot Ion:178 Resp: 571448

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

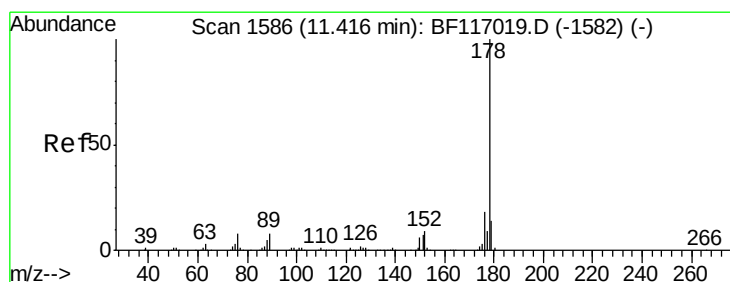
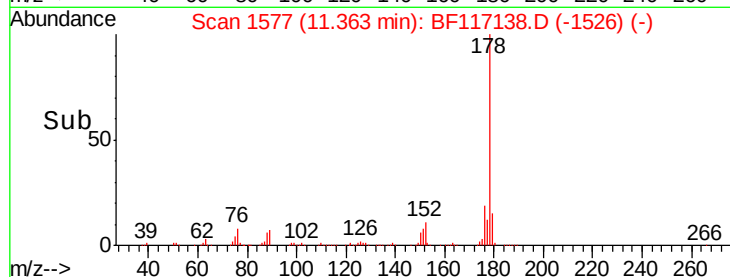
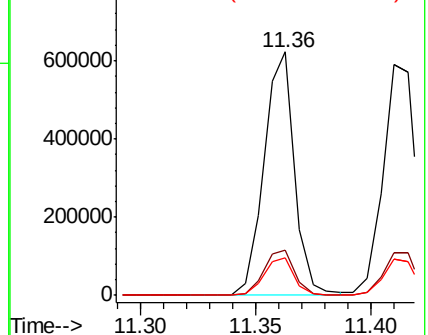
179 15.3 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.549 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

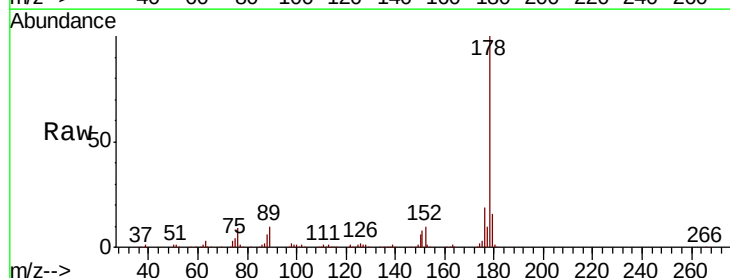
Tgt Ion:178 Resp: 600826

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

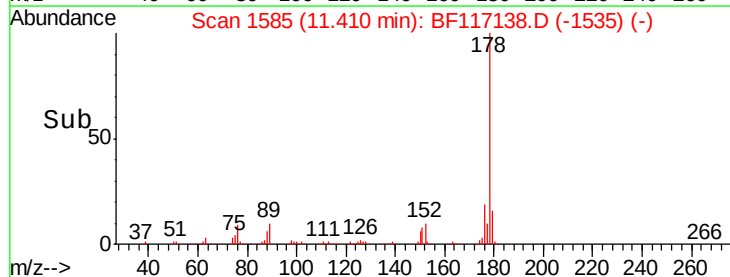
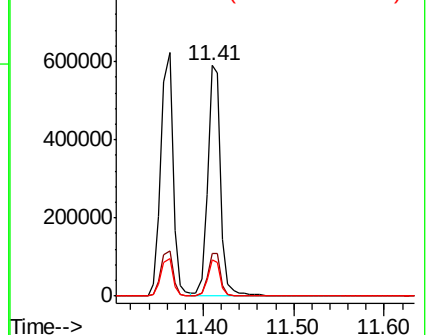
179 15.8 11.6 17.4

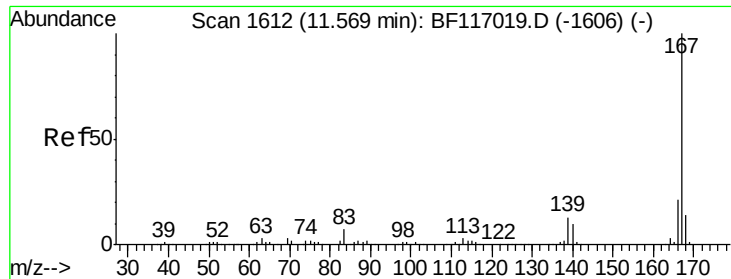


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

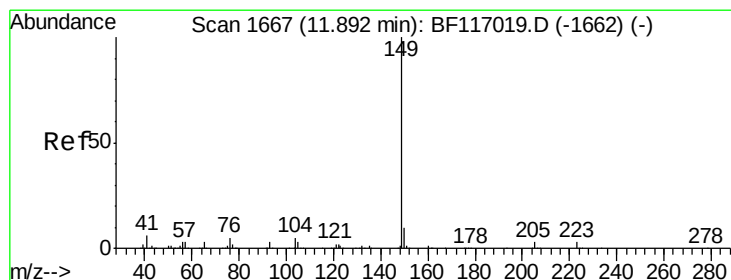
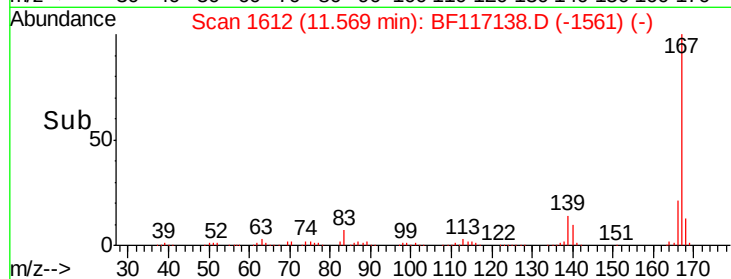
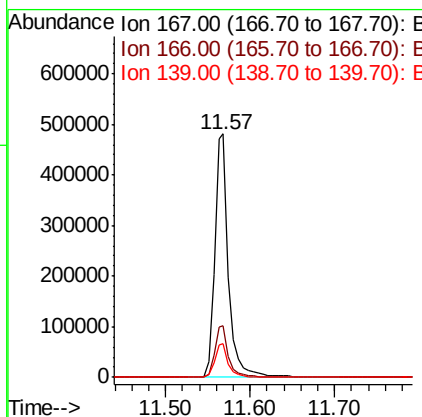
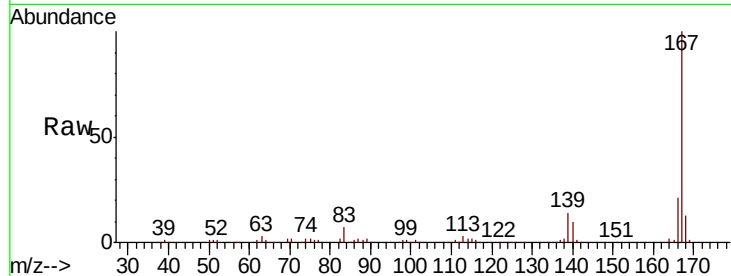




#73
 Carbazole
 Concen: 39.688 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

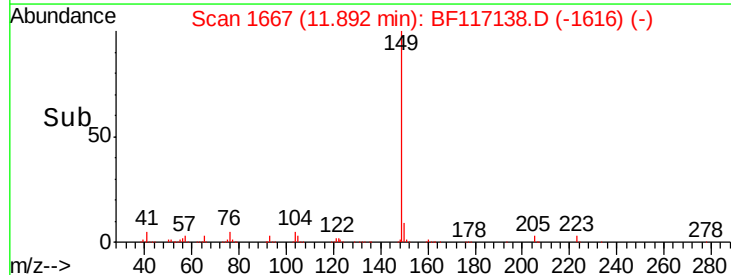
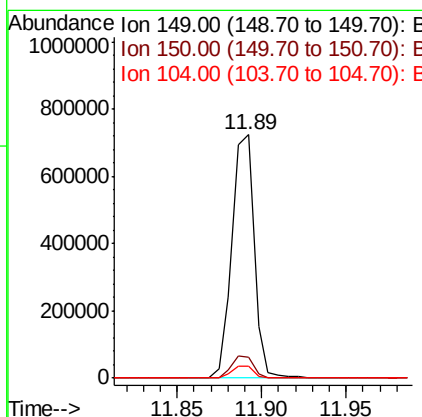
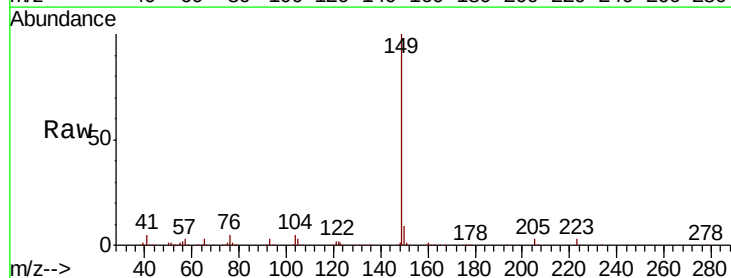
Instrument :
 BNA_F
 ClientSampleId :

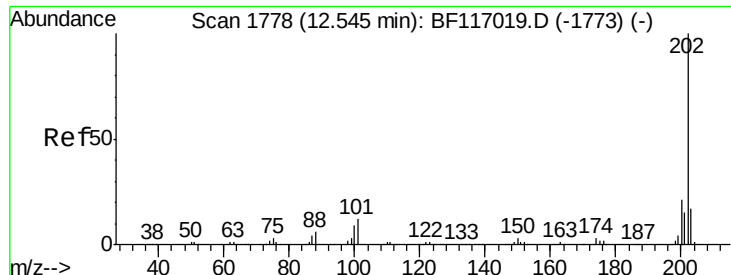
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.7	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 39.711 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	5.0	4.2	6.4

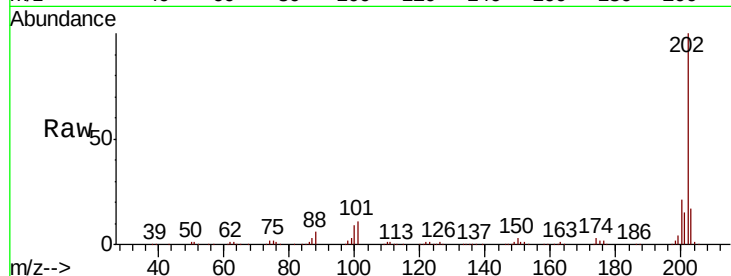




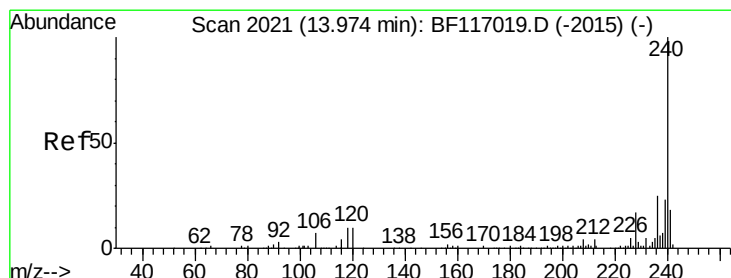
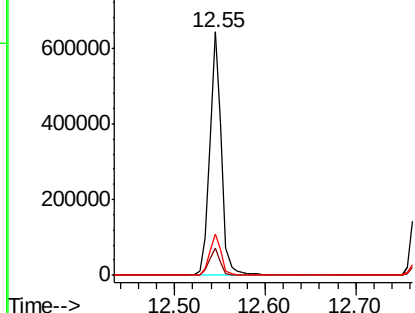
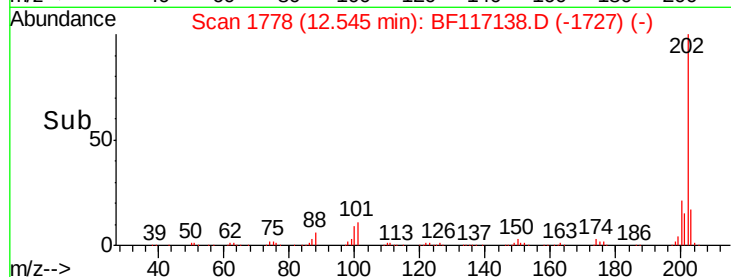
#75
 Fluoranthene
 Concen: 38.980 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.3
203	17.1	0.0	37.1

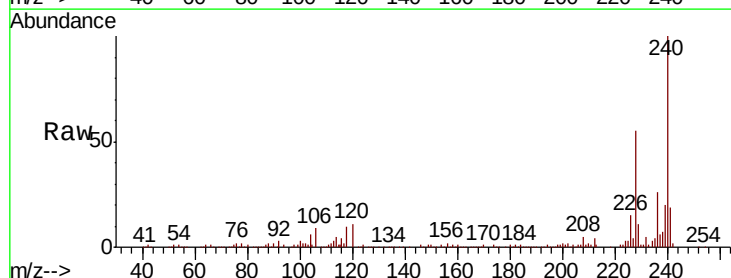


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

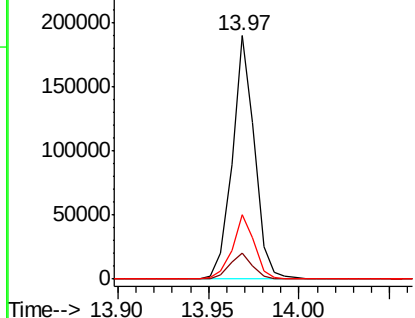
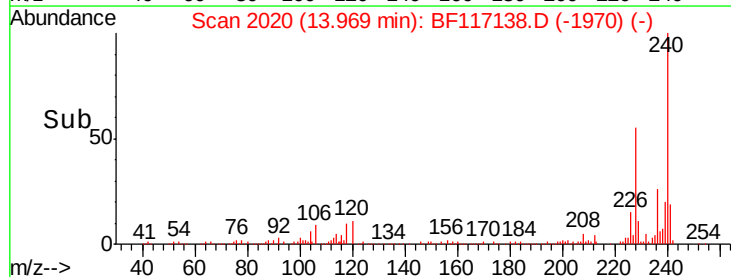


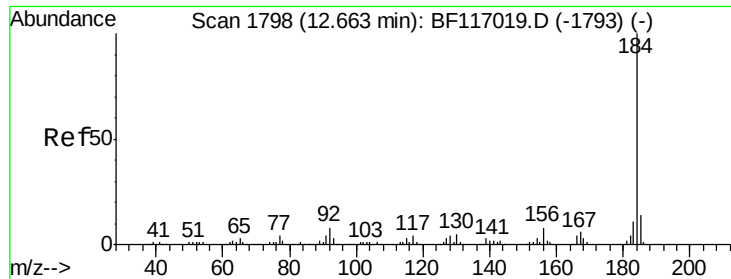
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	26.2	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: 42.394 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampled :

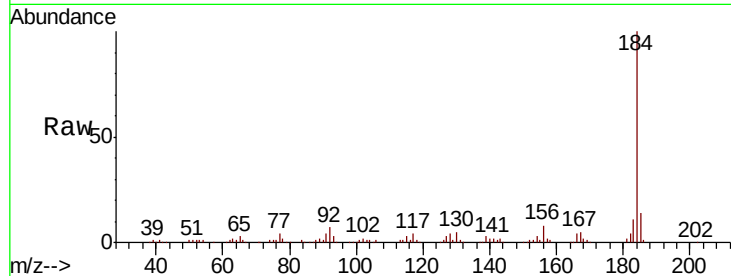
Tot Ion:184 Resp: 221671

Ion Ratio Lower Upper

184 100

185 13.9 11.6 17.4

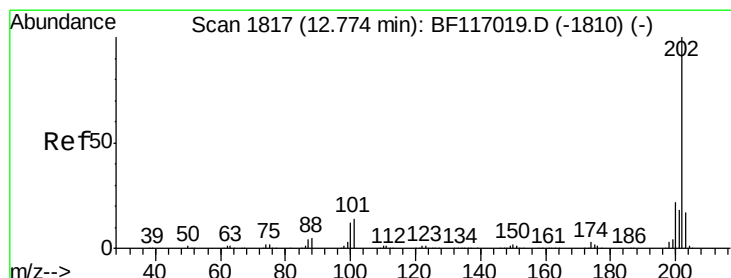
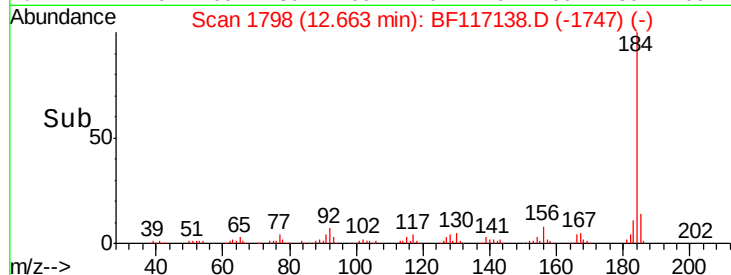
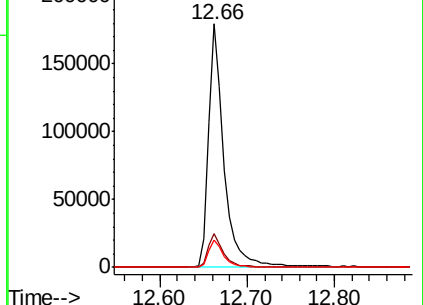
183 11.2 9.0 13.4



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: 42.757 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

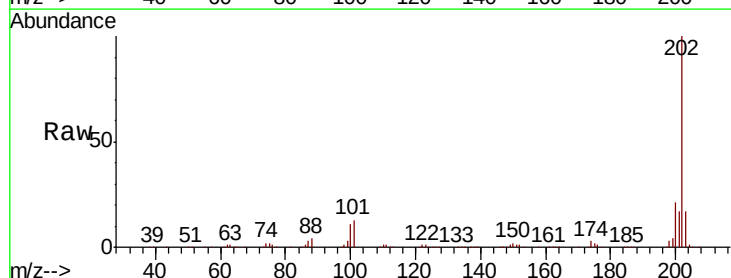
Tgt Ion:202 Resp: 582352

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

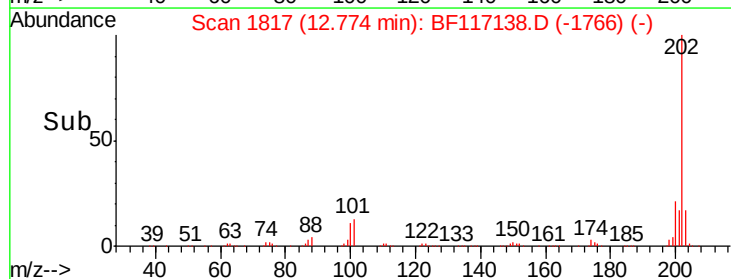
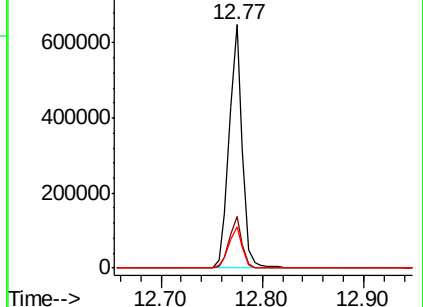
203 17.1 14.0 21.0

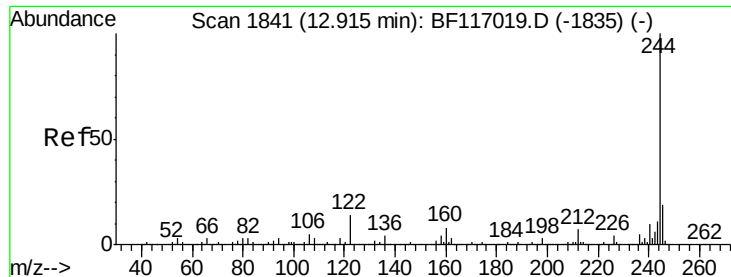


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

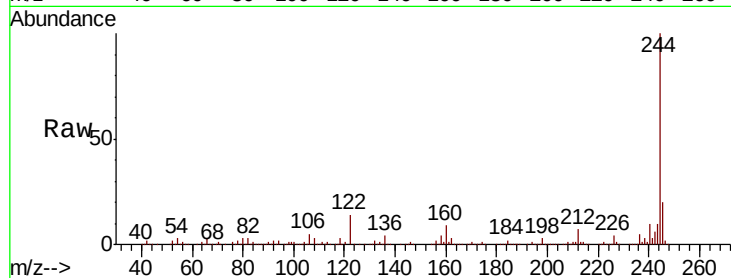




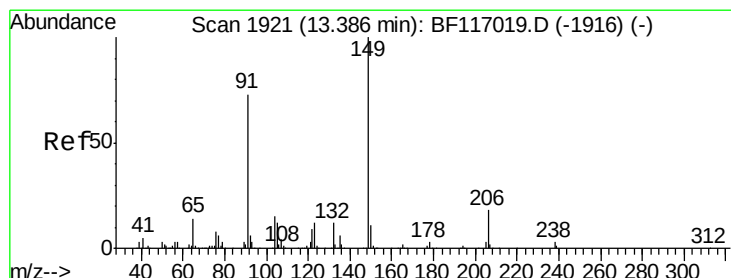
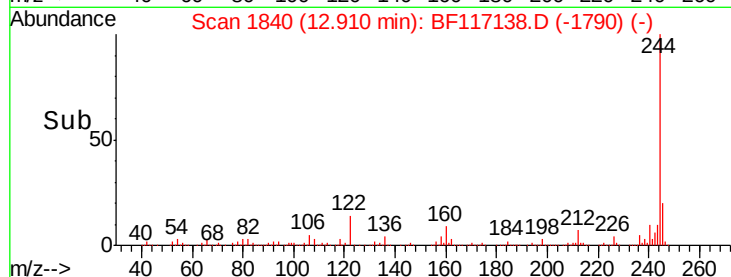
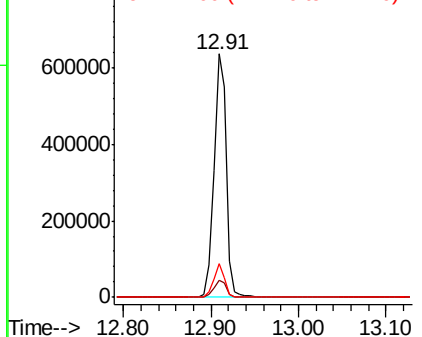
#79
 Terphenyl-d14
 Concen: 71.056 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 617049
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 13.7 11.3 16.9

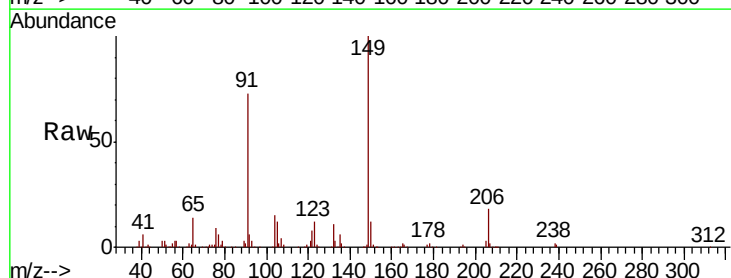


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

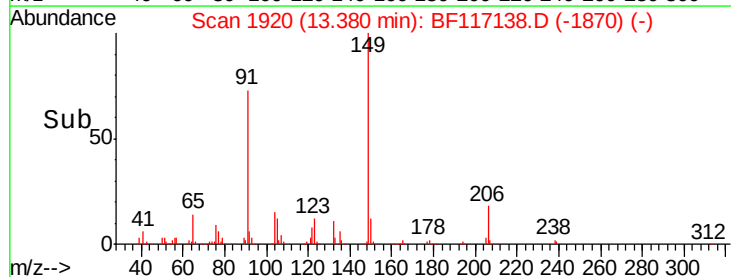
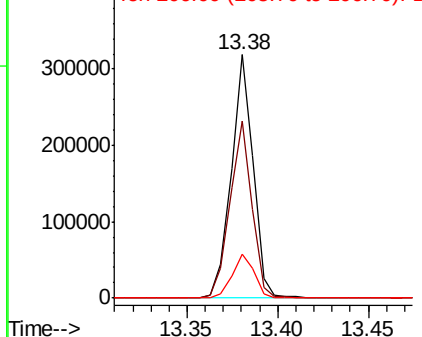


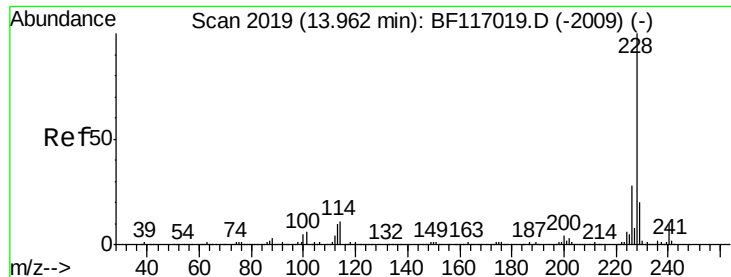
#80
 Butylbenzylphthalate
 Concen: 41.670 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion:149 Resp: 268180
 Ion Ratio Lower Upper
 149 100
 91 72.5 58.8 88.2
 206 18.0 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: 38.951 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

ClientSampleId :

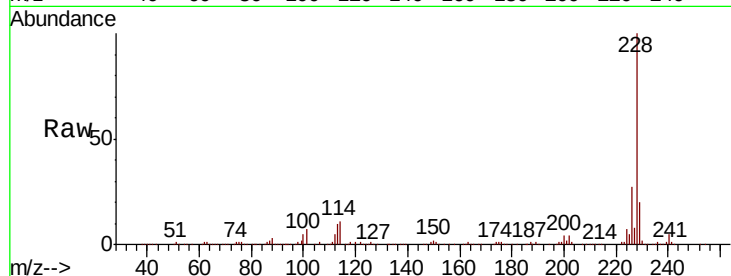
Tot Ion:228 Resp: 422419

Ion Ratio Lower Upper

228 100

226 27.0 22.3 33.5

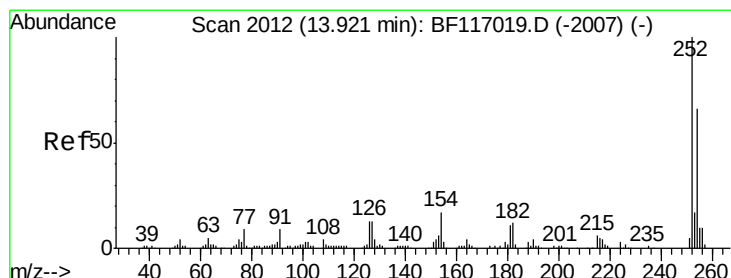
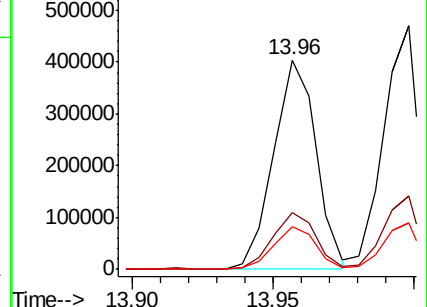
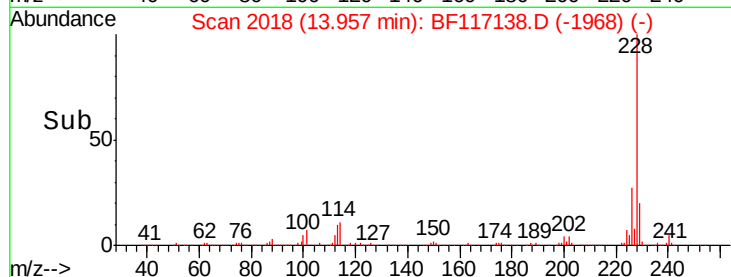
229 20.4 15.9 23.9



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: 30.324 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

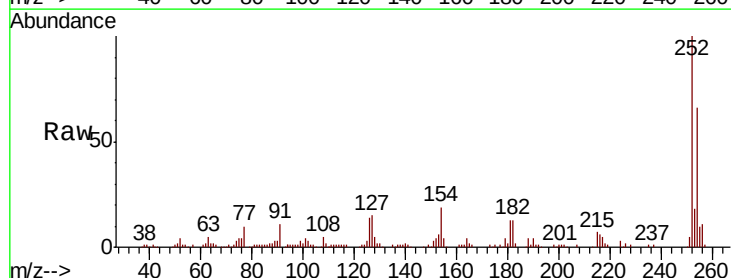
Tgt Ion:252 Resp: 105973

Ion Ratio Lower Upper

252 100

254 65.5 52.6 79.0

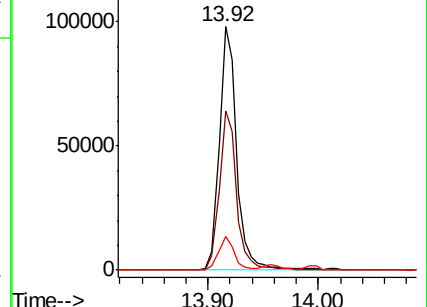
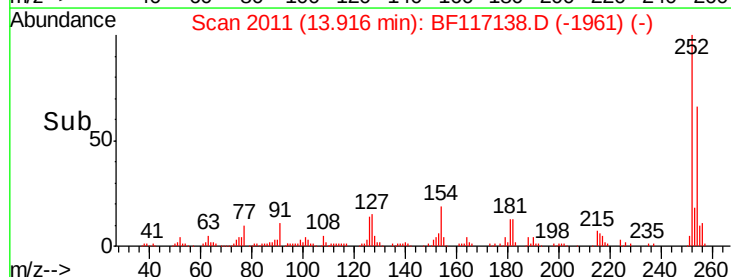
126 13.8 10.4 15.6

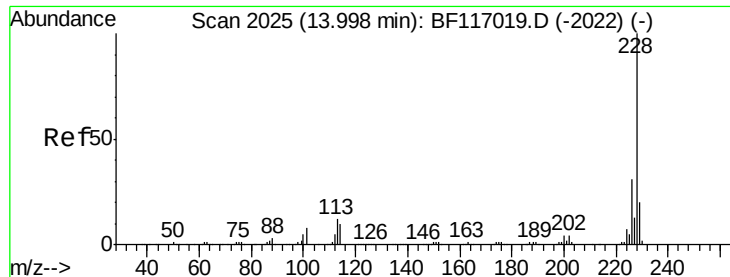


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.722 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

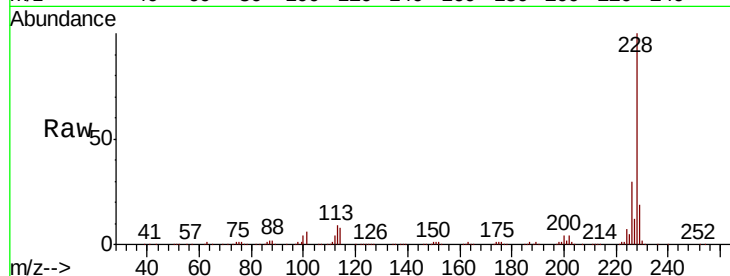
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 420159

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.8	37.2
229	19.1	15.8	23.8

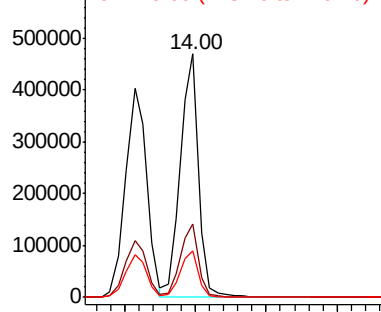


Abundance

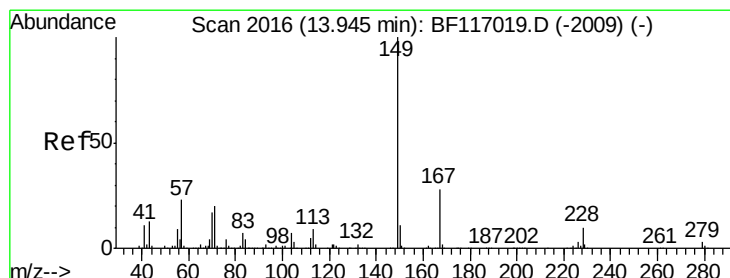
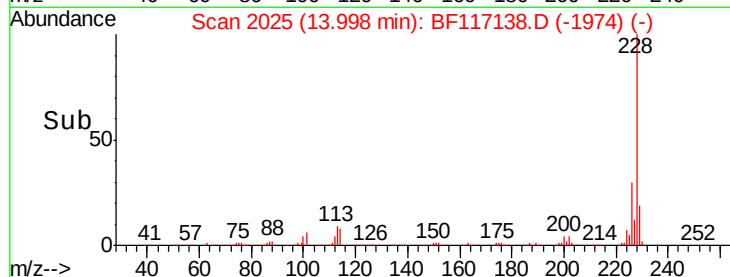
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.710 ng

RT: 13.94 min Scan# 2015

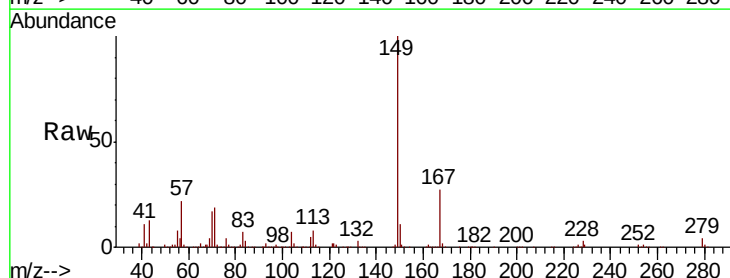
Delta R.T. -0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Tgt Ion:149 Resp: 354404

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.2
279	3.5	2.8	4.2

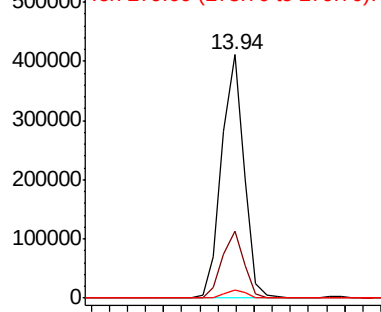


Abundance

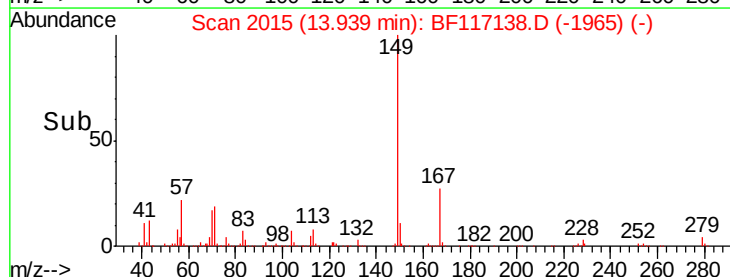
Ion 149.00 (148.70 to 149.70): E

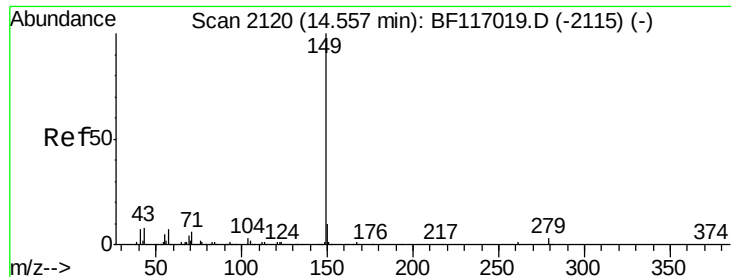
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

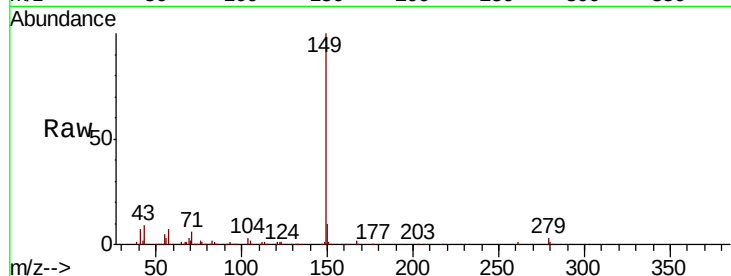




#85
Di-n-octyl phthalate
Concen: 42.138 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.5	6.2	9.4

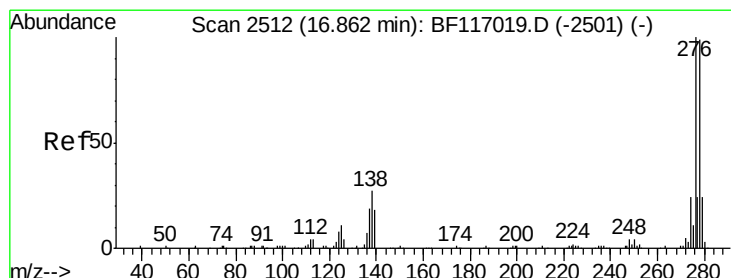
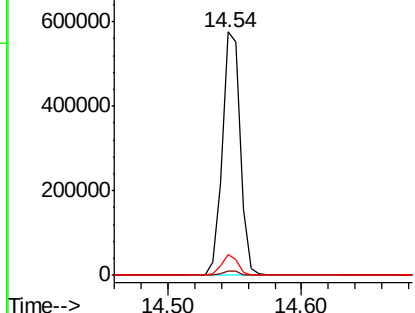
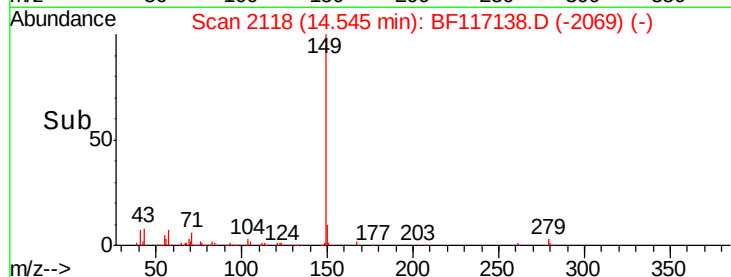


Abundance

Ion 149.00 (148.70 to 149.70): E

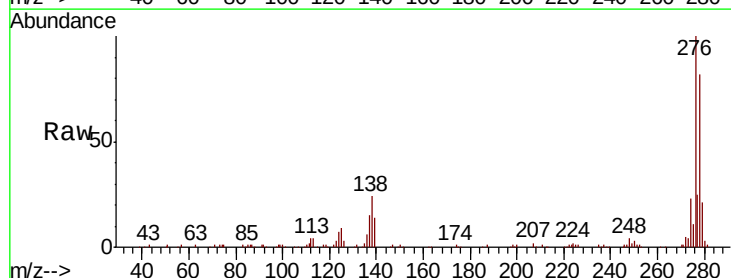
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.766 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.7	31.1
277	25.2	19.8	29.8

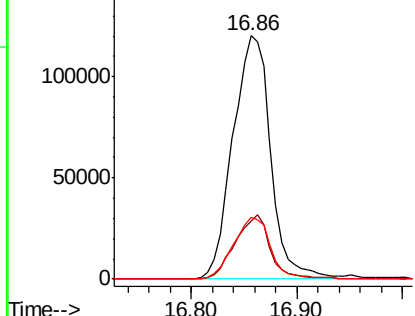
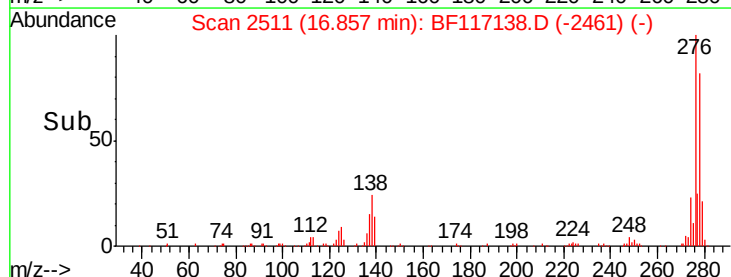


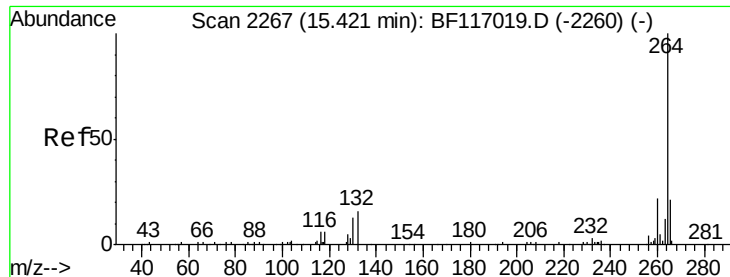
Abundance

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



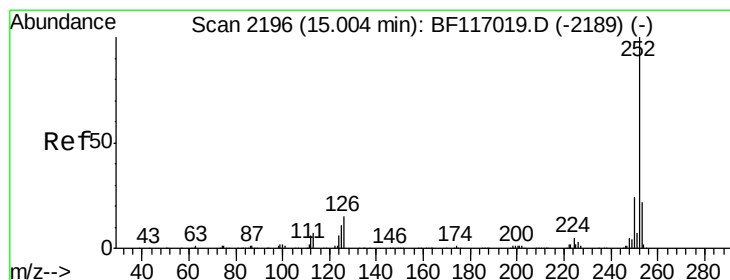
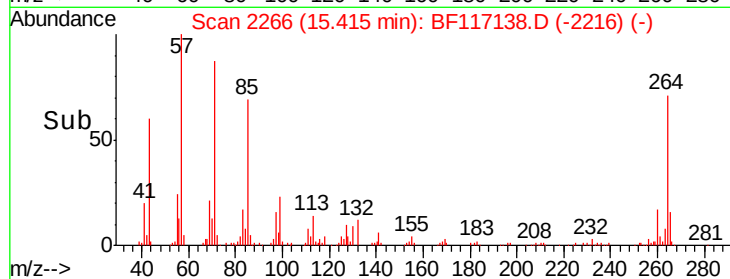
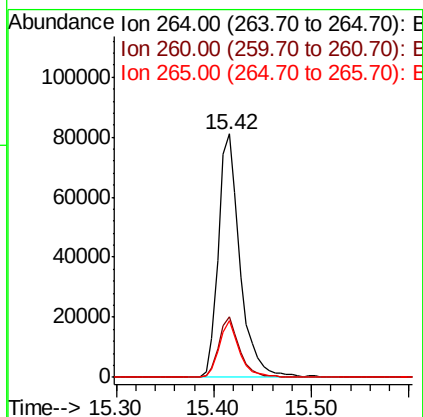
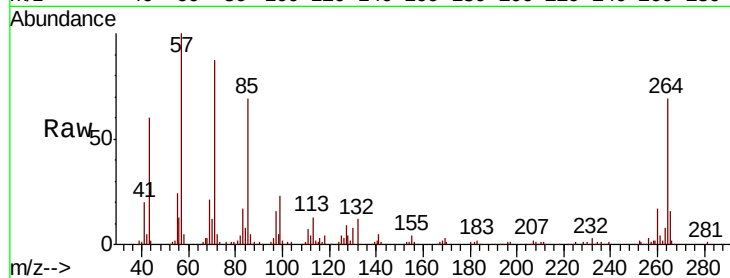


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 123994

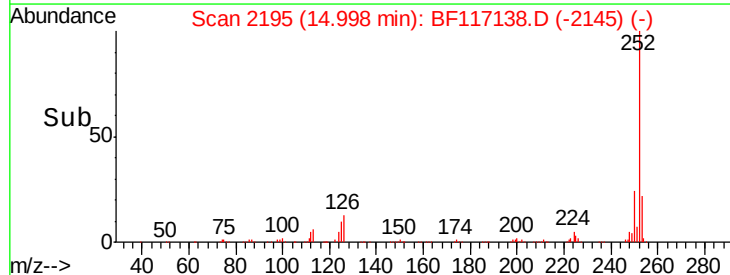
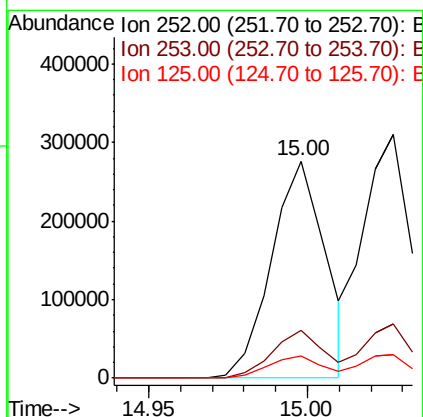
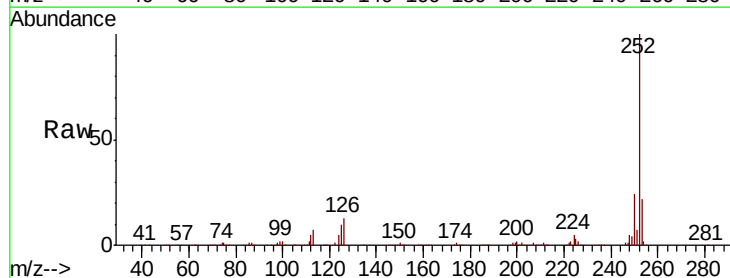
Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.6	26.4
265	23.1	16.6	24.8

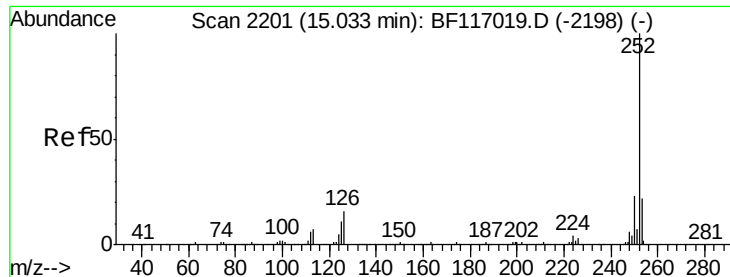


#88
Benzo(b)fluoranthene
Concen: 43.393 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion:252 Resp: 325915

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.0	8.6	12.8

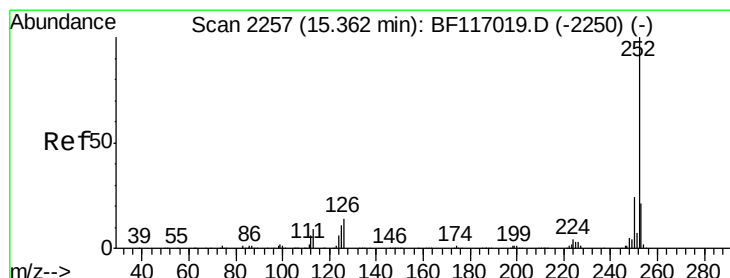
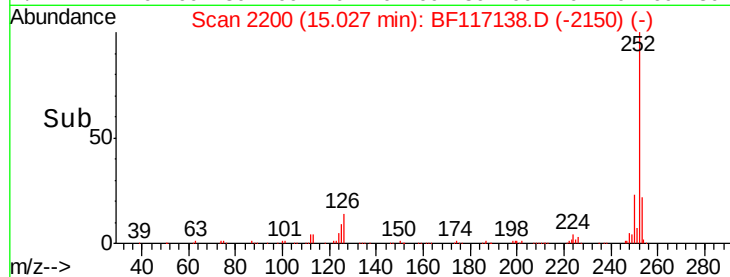
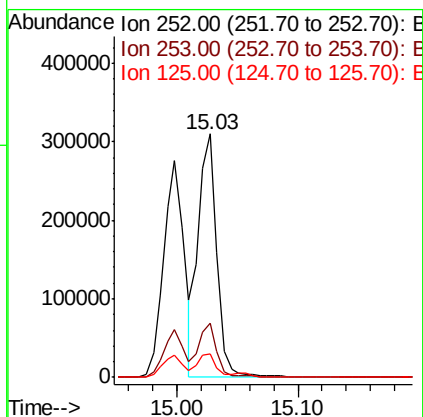
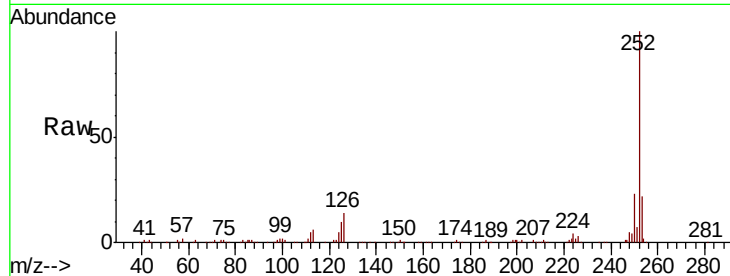




#89
Benzo(k)fluoranthene
Concen: 46.725 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

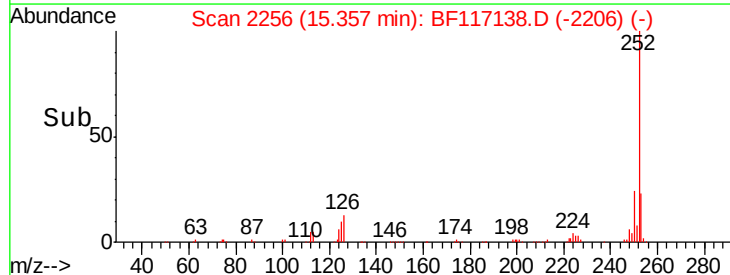
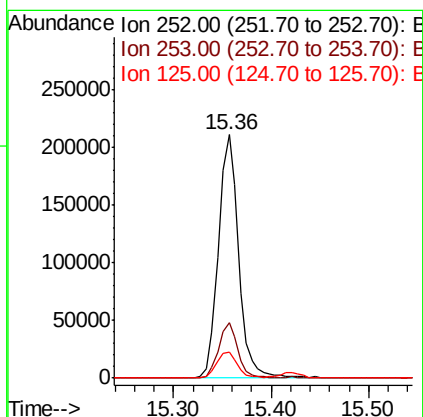
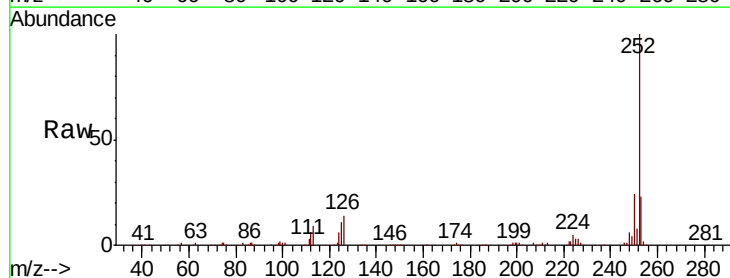
Instrument :
BNA_F
ClientSampleId :

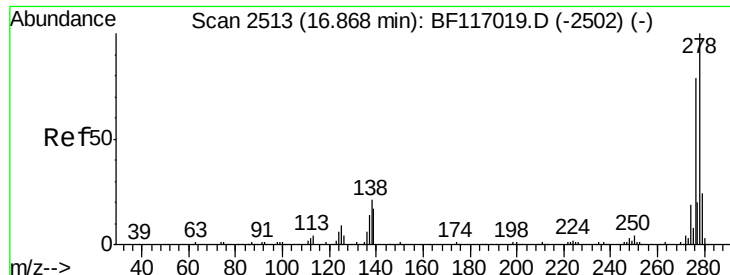
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.5	8.8	13.2



#90
Benzo(a)pyrene
Concen: 46.184 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.6	25.0
125	10.9	8.9	13.3

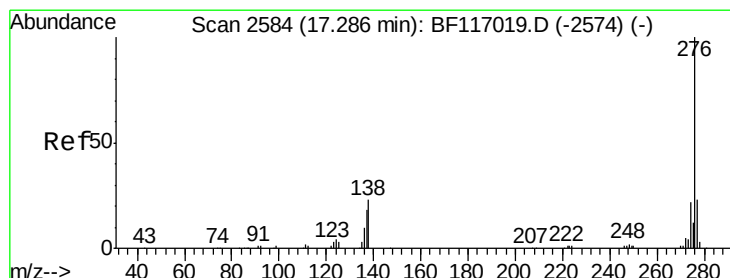
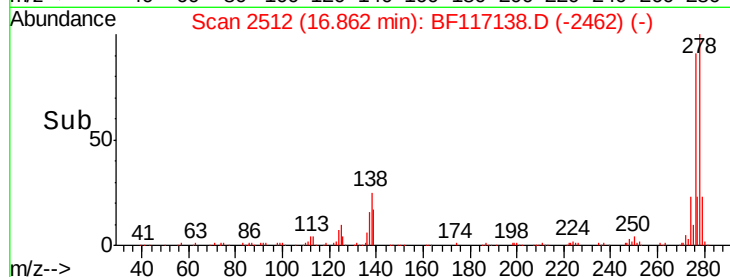
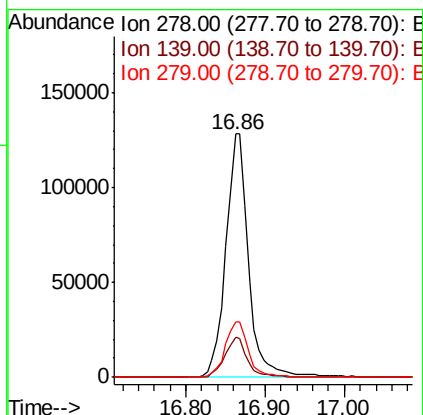
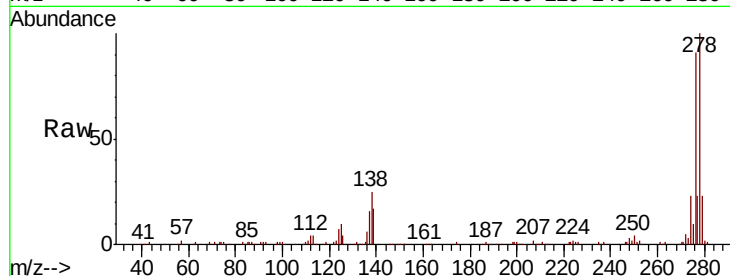




#91
Dibenzo(a,h)anthracene
Concen: 48.402 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.5	20.3
279	22.8	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 47.284 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	19.3	18.0	27.0

