

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117055.D
 Acq On : 16 Sep 2019 11:44
 Operator : HP/JU
 Sample : K4663-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 16 14:57:15 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	67182	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	265705	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	138253	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	230876	20.00	ng	0.00
76) Chrysene-d12	13.97	240	168564	20.00	ng	0.00
87) Perylene-d12	15.42	264	151178	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	465697	108.22	ng	0.02
7) Phenol-d6	6.46	99	585251	105.24	ng	0.00
23) Nitrobenzene-d5	7.39	82	429321	84.90	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	154227	133.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	742588	83.98	ng	0.00
79) Terphenyl-d14	12.92	244	758056	84.06	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	63570	35.305	ng	# 86
3) Pyridine	3.42	79	126261	25.619	ng	97
4) n-Nitrosodimethylamine	3.33	42	67907	40.150	ng	99
6) Aniline	6.49	93	159373	22.259	ng	# 89
8) 2-Chlorophenol	6.62	128	197815	42.612	ng	97
9) Benzaldehyde	6.37	77	84928	27.650	ng	95
10) Phenol	6.47	94	214213	34.941	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	186858	41.470	ng	97
12) 1,3-Dichlorobenzene	6.77	146	200637	38.516	ng	96
13) 1,4-Dichlorobenzene	6.84	146	203907	38.357	ng	98
14) 1,2-Dichlorobenzene	7.00	146	195574	39.514	ng	98
15) Benzyl Alcohol	6.97	79	180885	42.416	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	175892	39.512	ng	92
17) 2-Methylphenol	7.08	107	159320	40.950	ng	98
18) Hexachloroethane	7.33	117	79111	38.683	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	143845	42.478	ng	98
20) 3+4-Methylphenols	7.23	107	196371	40.521	ng	98
22) Acetophenone	7.23	105	294633	43.645	ng	99
24) Nitrobenzene	7.40	77	223262	44.707	ng	98
25) Isophorone	7.65	82	398425	44.498	ng	99
26) 2-Nitrophenol	7.72	139	99873	46.559	ng	98
27) 2,4-Dimethylphenol	7.76	122	169559	49.846	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	240992	43.686	ng	99
29) 2,4-Dichlorophenol	7.96	162	161470	45.302	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	161968	42.061	ng	99
31) Naphthalene	8.13	128	568919	44.521	ng	100
32) Benzoic acid	7.86	122	41805	20.634	ng	95
33) 4-Chloroaniline	8.17	127	91973	16.227	ng	96
34) Hexachlorobutadiene	8.25	225	90390	41.374	ng	97
35) Caprolactam	8.53	113	19966	16.550	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	192313	46.273	ng	97
37) 2-Methylnaphthalene	8.82	142	390383	45.366	ng	99
38) 1-Methylnaphthalene	8.91	142	358460	44.477	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	152948	42.842	ng	99

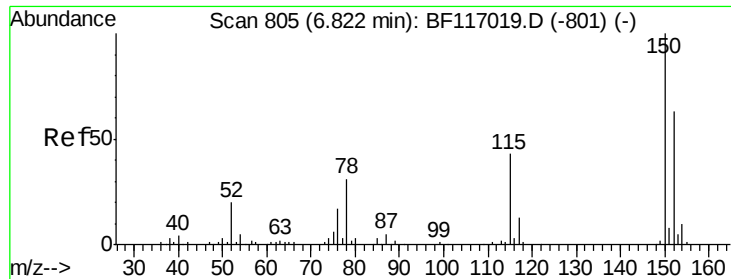
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117055.D
 Acq On : 16 Sep 2019 11:44
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	143378	89.792	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	105212	43.427	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	117562	45.417	ng	95
46) 1,1'-Biphenyl	9.27	154	464503	42.833	ng	99
47) 2-Chloronaphthalene	9.30	162	363442	42.465	ng	98
48) 2-Nitroaniline	9.40	65	120387	43.854	ng	98
49) Acenaphthylene	9.72	152	580941	45.310	ng	99
50) Dimethylphthalate	9.57	163	438762	44.822	ng	99
51) 2,6-Dinitrotoluene	9.64	165	93435	46.865	ng	98
52) Acenaphthene	9.89	154	330187	43.444	ng	99
53) 3-Nitroaniline	9.80	138	73646	29.278	ng	98
54) 2,4-Dinitrophenol	9.92	184	42225	52.596	ng	95
55) Dibenzofuran	10.06	168	504204	44.963	ng	96
56) 4-Nitrophenol	9.97	139	135436	83.075	ng	97
57) 2,4-Dinitrotoluene	10.05	165	126606	48.921	ng	# 94
58) Fluorene	10.40	166	406153	44.963	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	81614	41.202	ng	92
60) Diethylphthalate	10.27	149	424481	44.076	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	171717	43.937	ng	96
62) 4-Nitroaniline	10.42	138	116204	44.421	ng	97
63) Azobenzene	10.55	77	445225	45.264	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	38862	38.532	ng	96
66) n-Nitrosodiphenylamine	10.51	169	353562	44.342	ng	97
67) 4-Bromophenyl-phenylether	10.88	248	100941	42.812	ng	94
68) Hexachlorobenzene	10.95	284	105854	41.047	ng	94
69) Atrazine	11.03	200	97593	50.979	ng	98
70) Pentachlorophenol	11.15	266	117168	96.926	ng	98
71) Phenanthrene	11.36	178	581866	44.371	ng	100
72) Anthracene	11.41	178	606244	45.282	ng	98
73) Carbazole	11.56	167	577848	45.471	ng	98
74) Di-n-butylphthalate	11.89	149	670578	44.351	ng	98
75) Fluoranthene	12.54	202	602474	44.713	ng	97
77) Benzidine	12.66	184	172836	31.831	ng	97
78) Pyrene	12.77	202	607221	42.932	ng	99
80) Butylbenzylphthalate	13.38	149	289652	43.340	ng	95
81) Benzo(a)anthracene	13.96	228	491492	43.642	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	88738	24.452	ng	98
83) Chrysene	14.00	228	490465	44.652	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	391408	45.423	ng	# 98
85) Di-n-octyl phthalate	14.55	149	643976	47.482	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	386222	48.196	ng	97
88) Benzo(b)fluoranthene	15.00	252	424642	46.371	ng	99
89) Benzo(k)fluoranthene	15.03	252	371589	42.837	ng	99
90) Benzo(a)pyrene	15.36	252	374616	46.619	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	313227	48.930	ng	98
92) Benzo(g,h,i)perylene	17.29	276	321626	50.419	ng	96

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

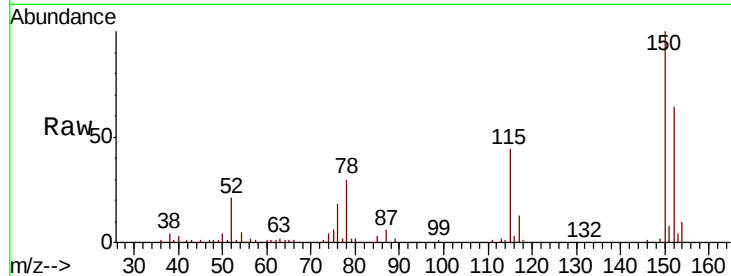


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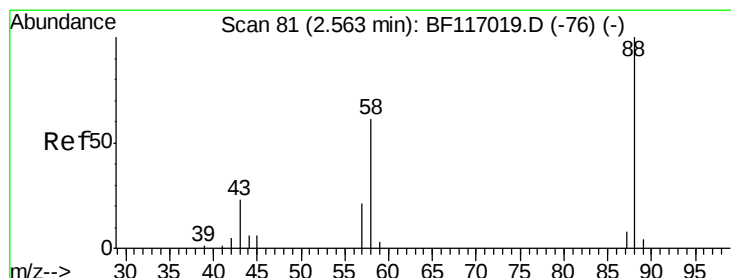
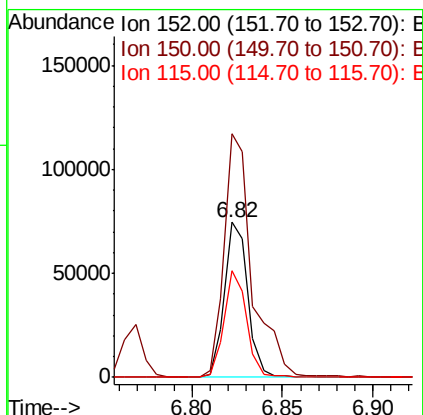
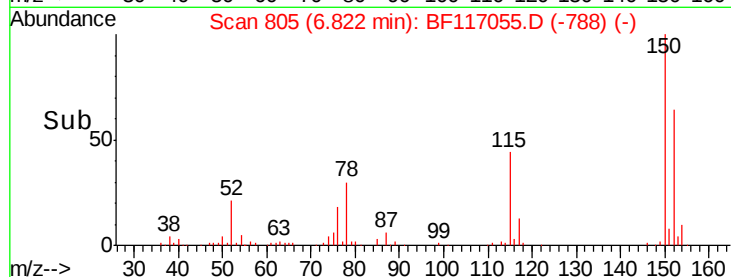
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67182
Ion Ratio Lower Upper
152 100
150 157.1 127.5 191.3
115 68.5 55.0 82.4



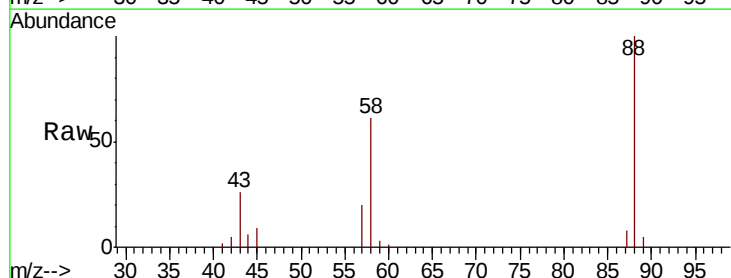
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



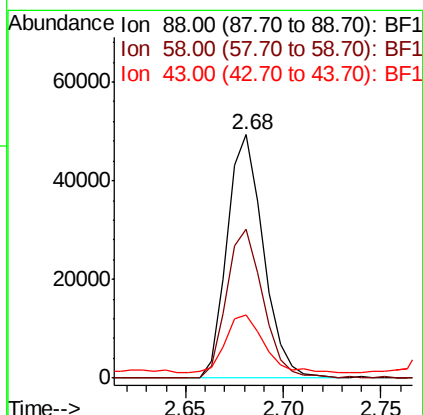
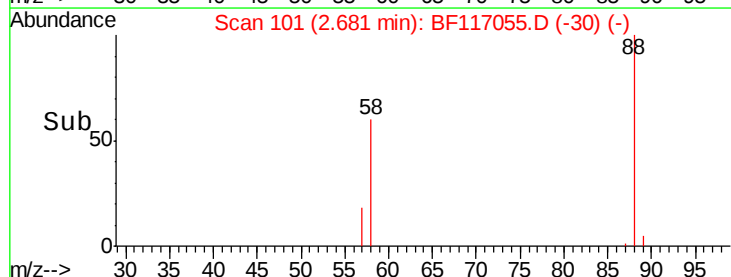
#2

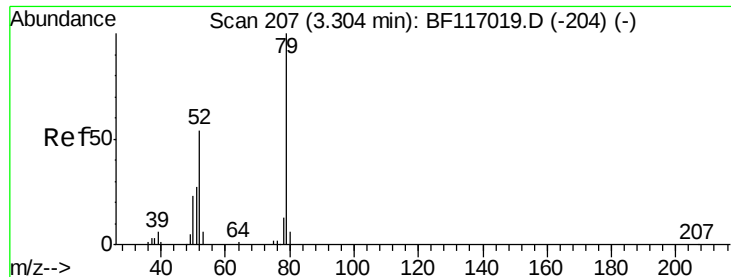
1,4-Dioxane
Concen: 35.305 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.12 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion: 88 Resp: 63570
Ion Ratio Lower Upper
88 100
58 61.9 49.3 73.9
43 0.0 18.8 28.2#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.619 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.11 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

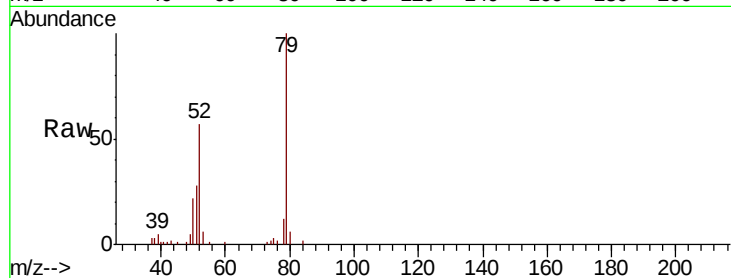
Tot Ion: 79 Resp: 126261

Ion Ratio Lower Upper

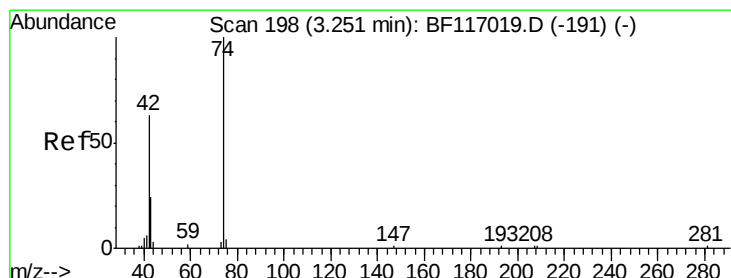
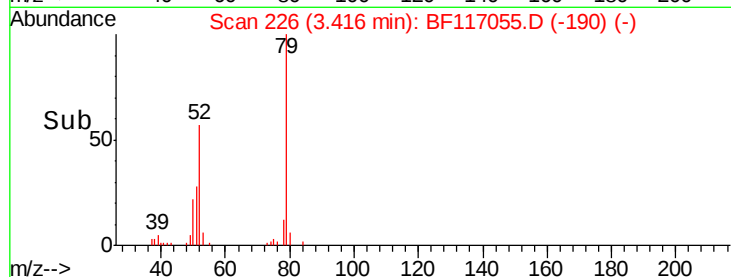
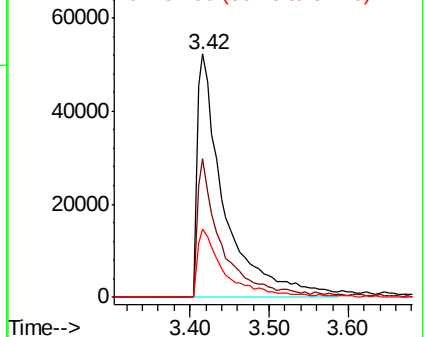
79 100

52 57.1 43.5 65.3

51 28.3 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: 40.150 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.08 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

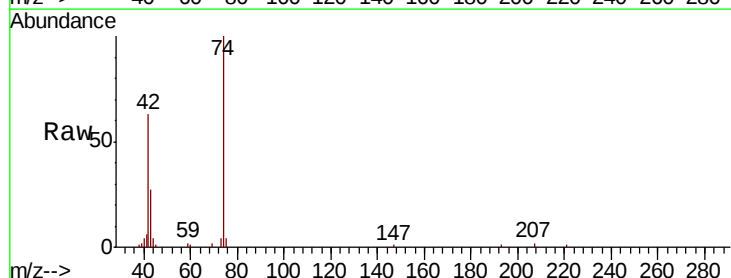
Tgt Ion: 42 Resp: 67907

Ion Ratio Lower Upper

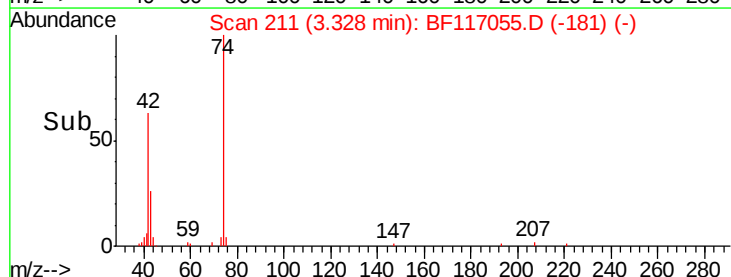
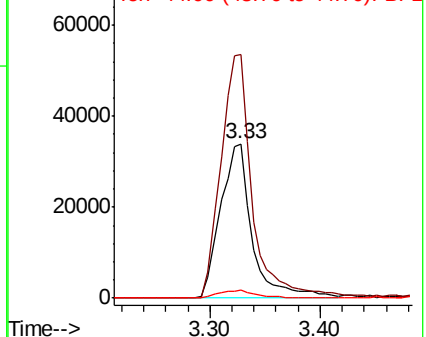
42 100

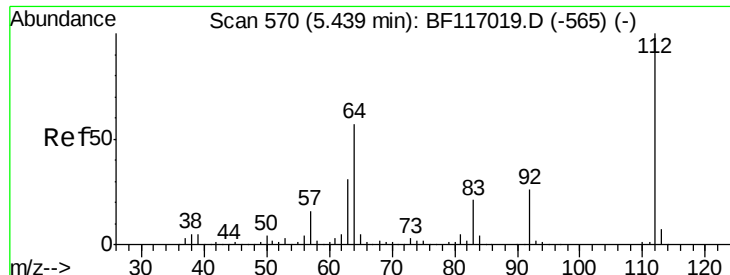
74 157.6 127.1 190.7

44 5.6 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: 108.224 ng

RT: 5.46 min Scan# 573

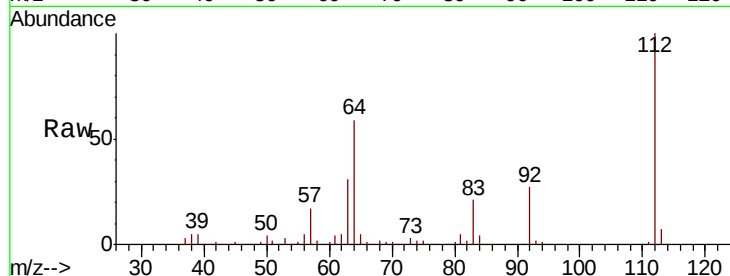
Delta R.T. 0.02 min

Lab File: BF117055.D

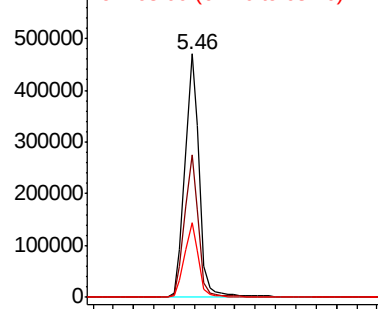
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampled :

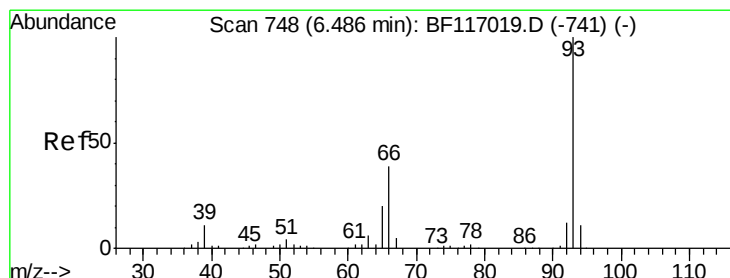
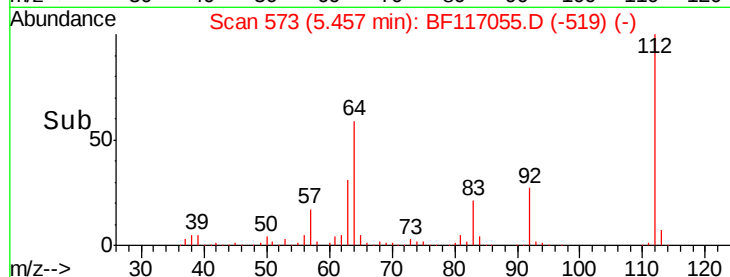
Tot Ion:	112	Resp:	465697
Ion	Ratio	Lower	Upper
112	100		
64	58.7	45.7	68.5
63	30.9	24.9	37.3



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



Time-->



#6

Aniline

Concen: 22.259 ng

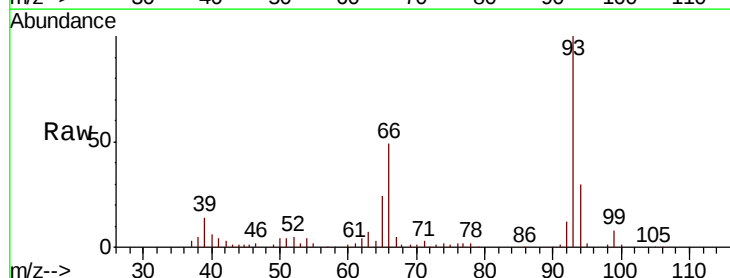
RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

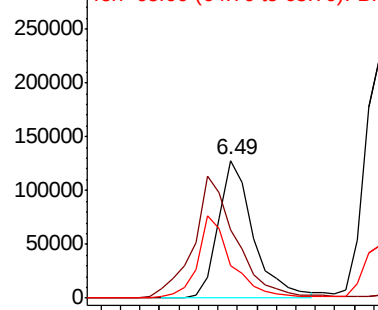
Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

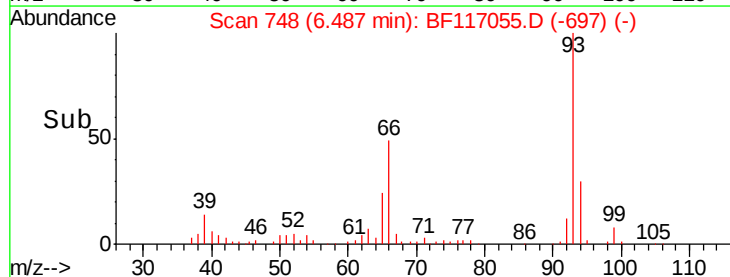
Tgt Ion:	93	Resp:	159373
Ion	Ratio	Lower	Upper
93	100		
66	49.2	32.6	49.0#
65	23.6	16.7	25.1

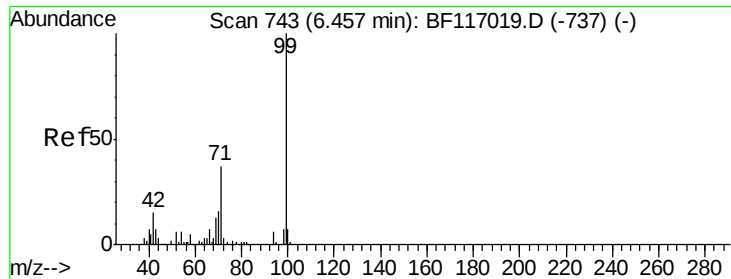


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



Time-->





#7

Phenol-d6

Concen: 105.239 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

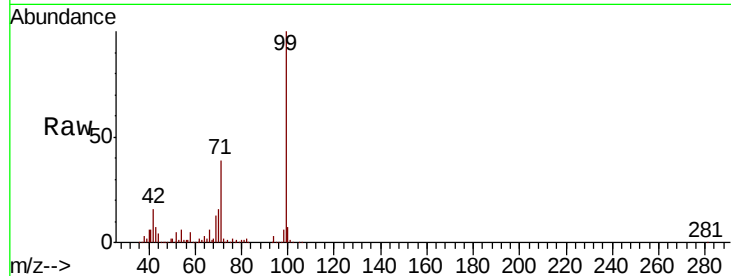
Tot Ion: 99 Resp: 585251

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

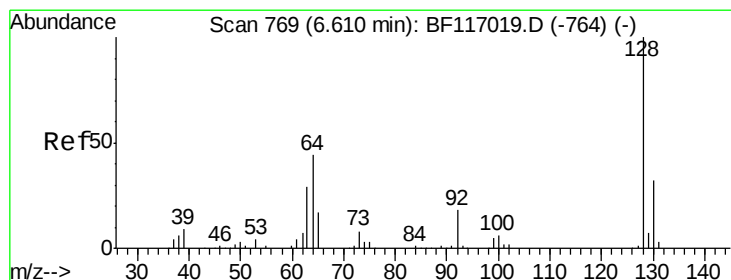
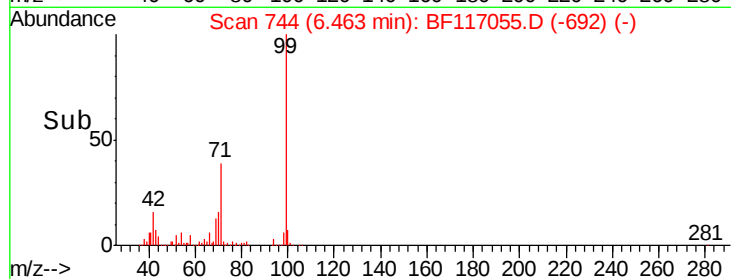
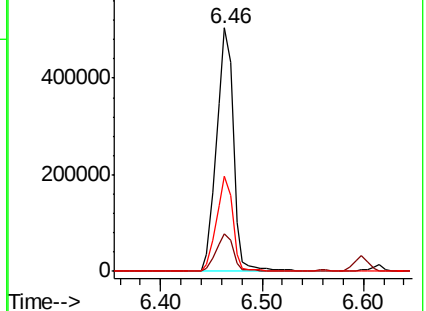
71 38.9 29.8 44.8



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: 42.612 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

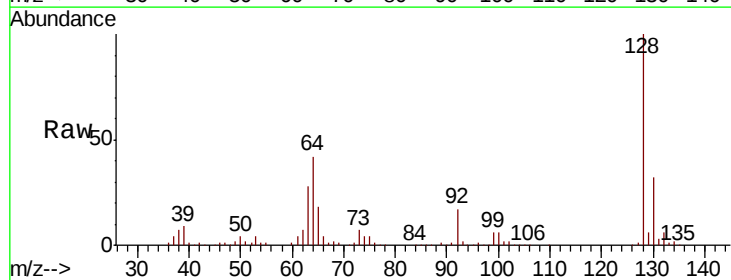
Tgt Ion: 128 Resp: 197815

Ion Ratio Lower Upper

128 100

130 32.2 11.8 51.8

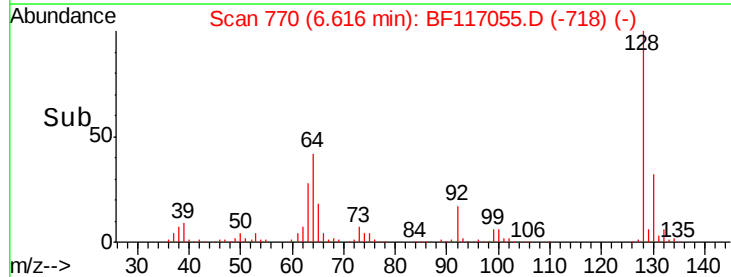
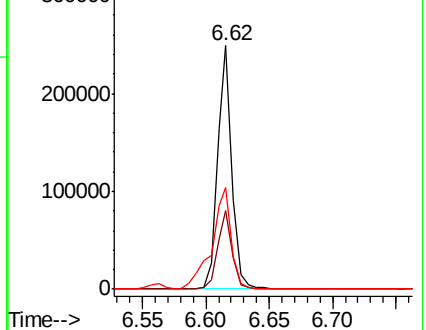
64 41.8 25.0 65.0

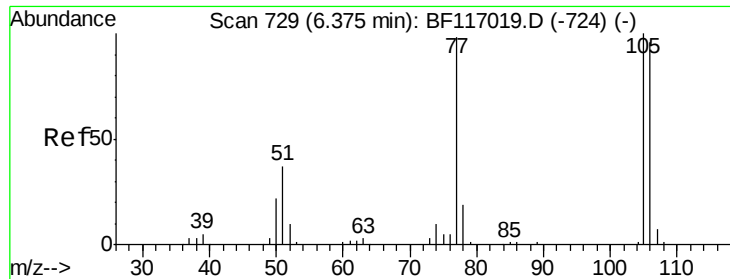


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

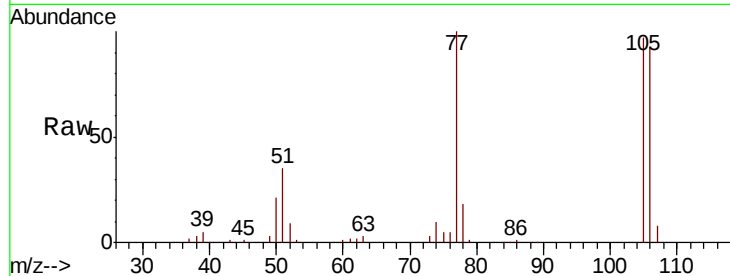




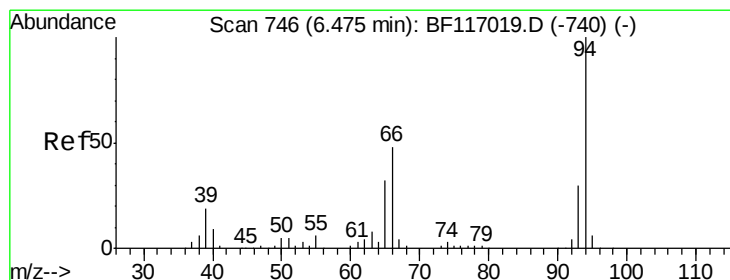
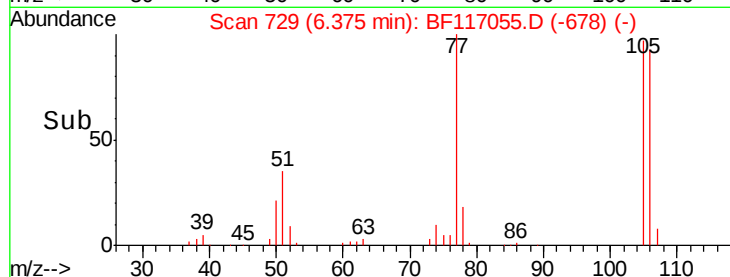
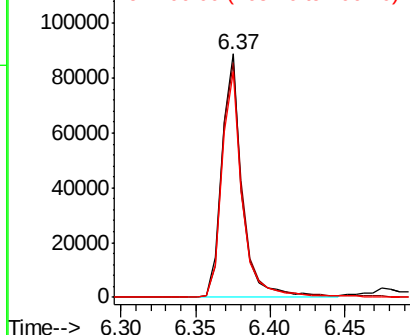
#9
Benzaldehyde
Concen: 27.650 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 84928
Ion Ratio Lower Upper
77 100
105 96.6 81.8 121.8
106 92.7 77.3 117.3

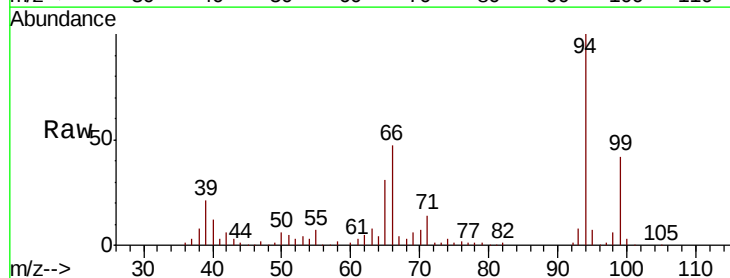


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

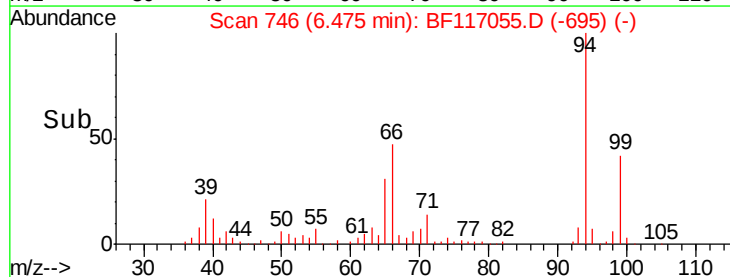
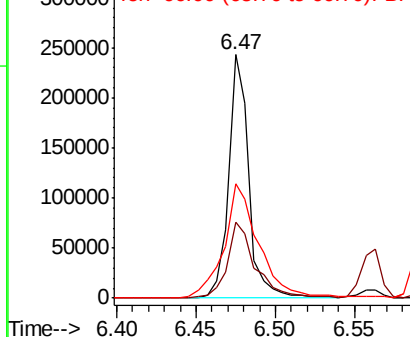


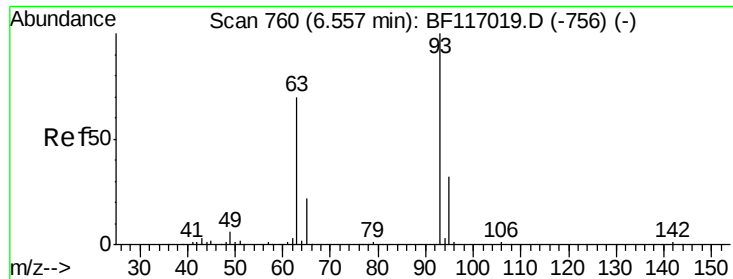
#10
Phenol
Concen: 34.941 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion: 94 Resp: 214213
Ion Ratio Lower Upper
94 100
65 31.2 12.5 52.5
66 46.8 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

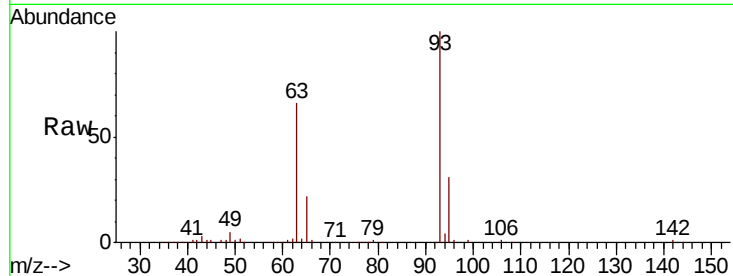




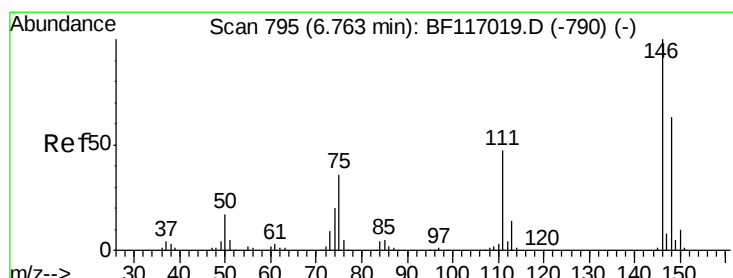
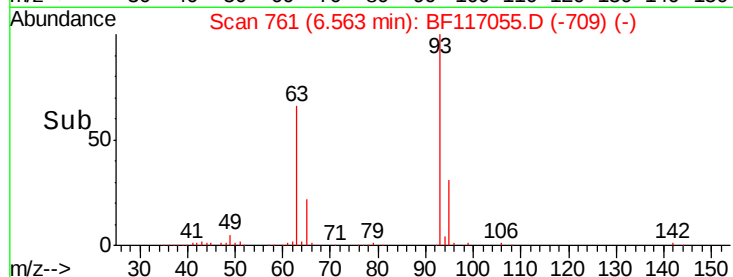
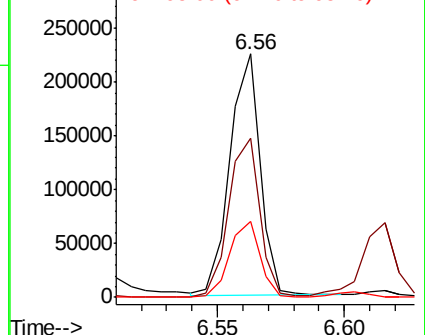
#11
bis(2-Chloroethyl)ether
Concen: 41.470 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 186858
Ion Ratio Lower Upper
93 100
63 65.6 49.3 89.3
95 31.3 11.5 51.5

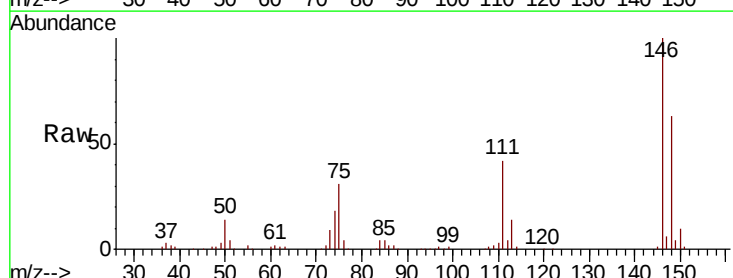


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

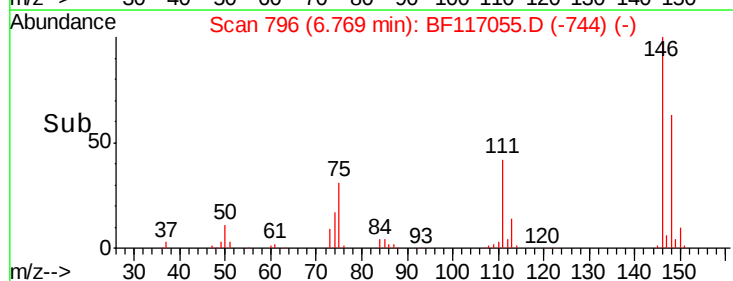
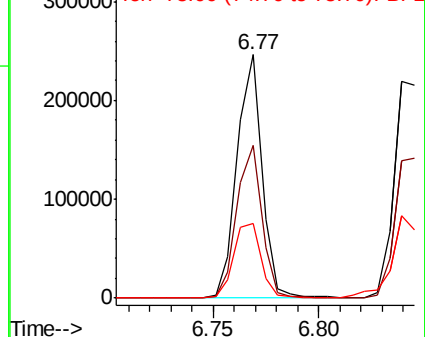


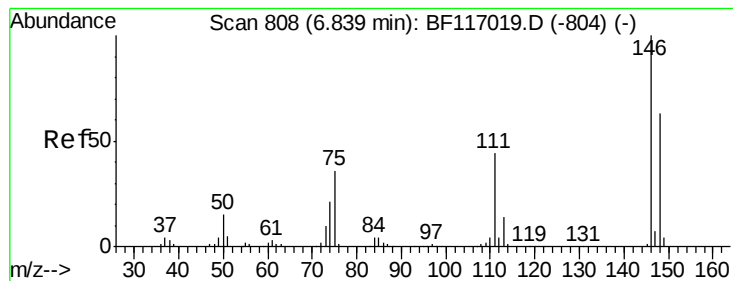
#12
1,3-Dichlorobenzene
Concen: 38.516 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion: 146 Resp: 200637
Ion Ratio Lower Upper
146 100
148 63.0 50.8 76.2
75 30.8 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.357 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

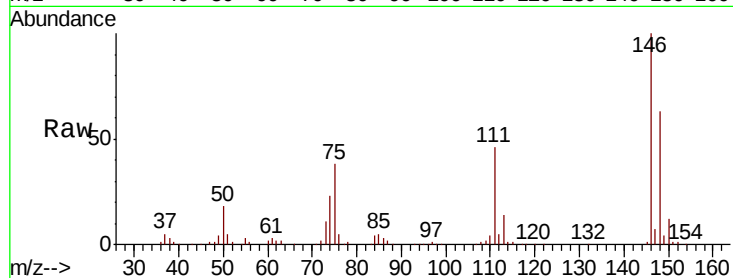
Tot Ion:146 Resp: 203907

Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

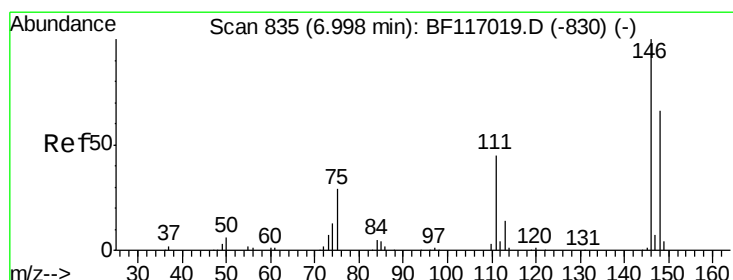
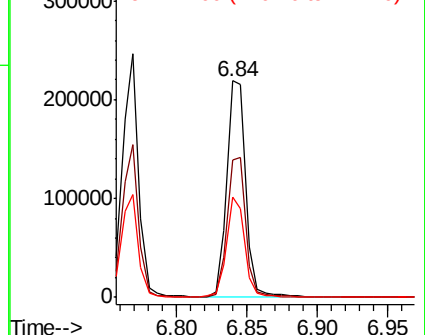
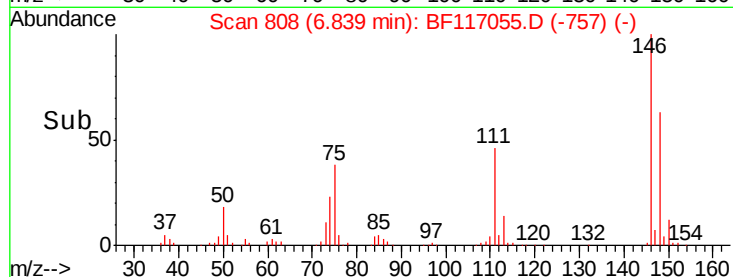
111 46.5 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.514 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

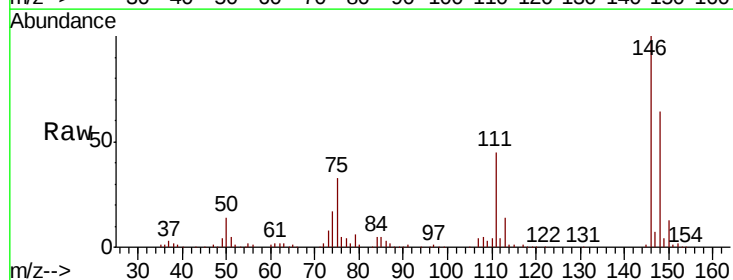
Tgt Ion:146 Resp: 195574

Ion Ratio Lower Upper

146 100

148 63.6 52.6 78.8

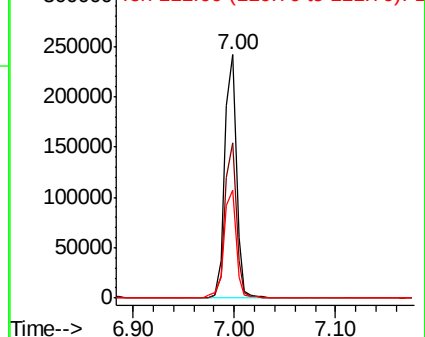
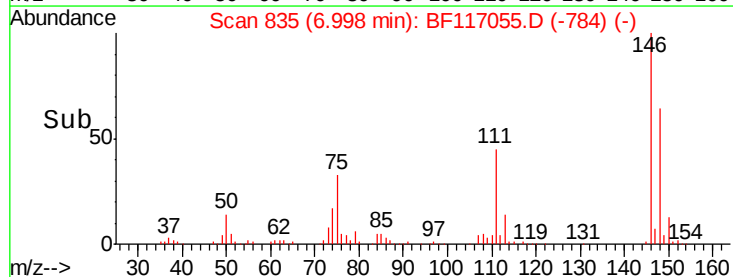
111 44.6 36.2 54.2

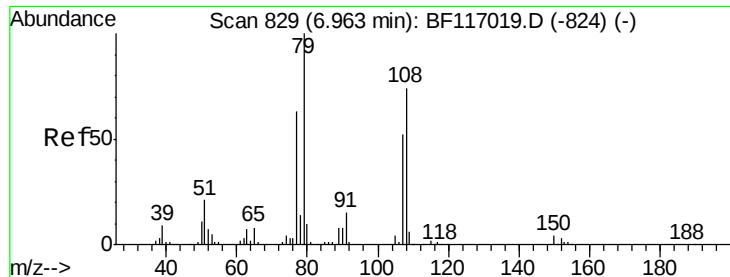


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.416 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampled :

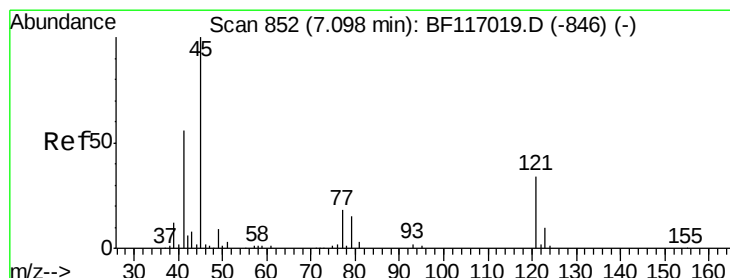
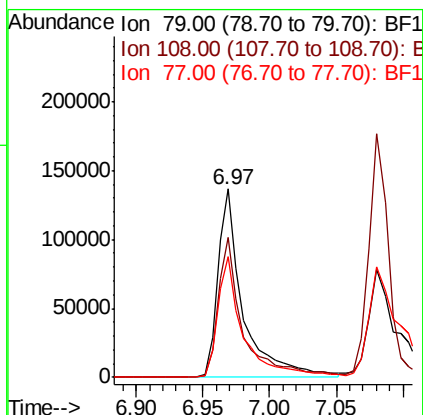
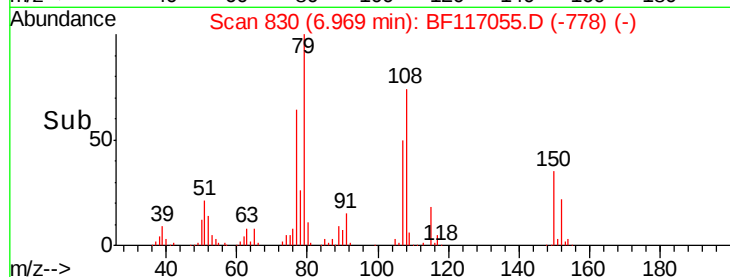
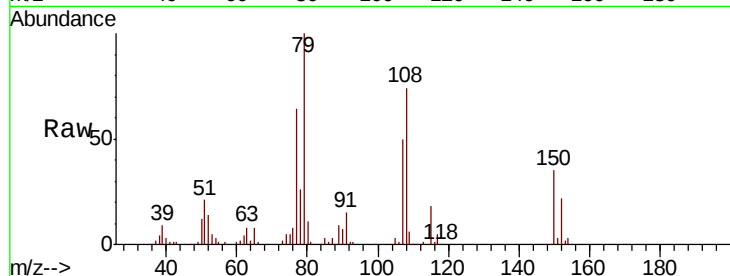
Tot Ion: 79 Resp: 180885

Ion Ratio Lower Upper

79 100

108 74.3 59.4 89.0

77 64.1 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.512 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

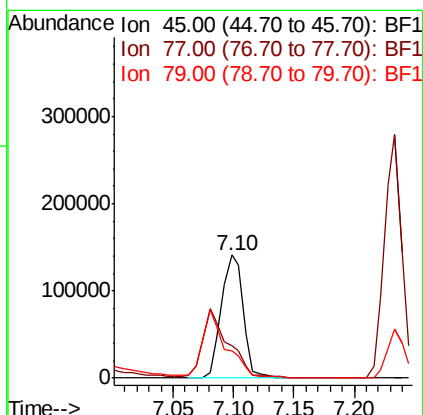
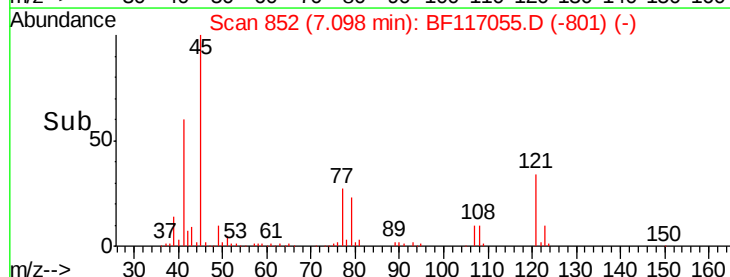
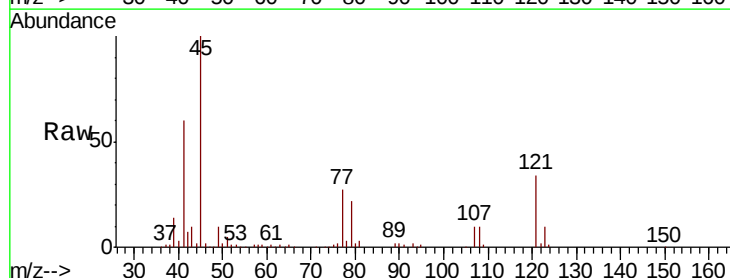
Tgt Ion: 45 Resp: 175892

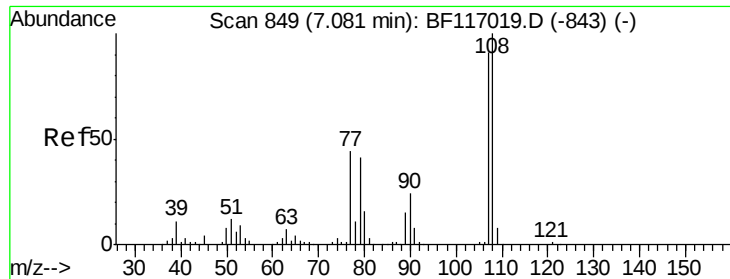
Ion Ratio Lower Upper

45 100

77 26.6 2.7 42.7

79 22.5 0.0 38.9

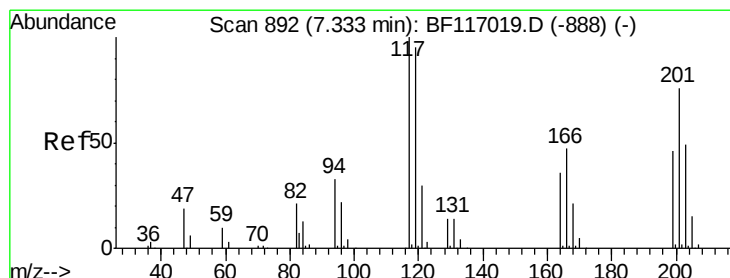
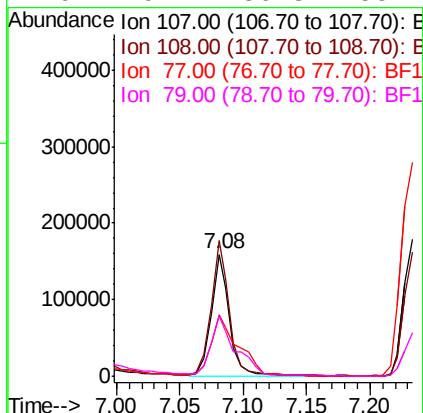
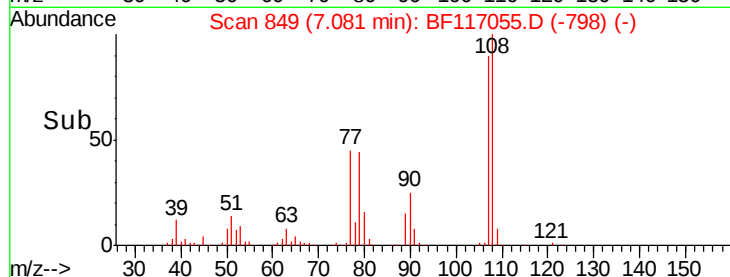
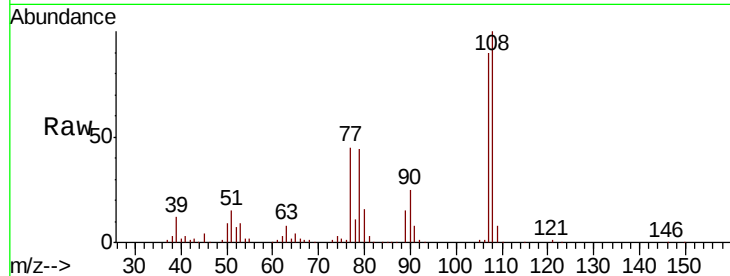




#17
2-Methylphenol
Concen: 40.950 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

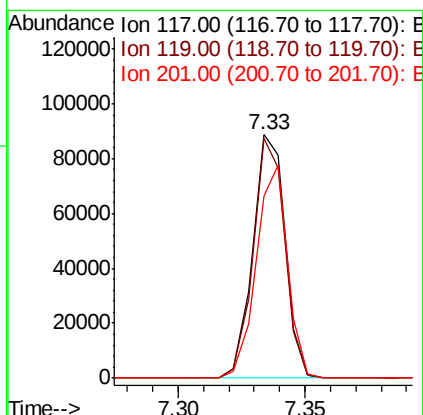
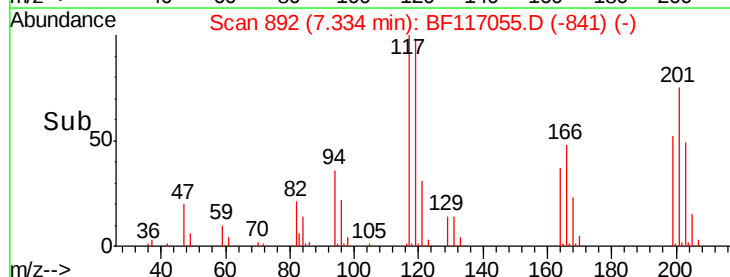
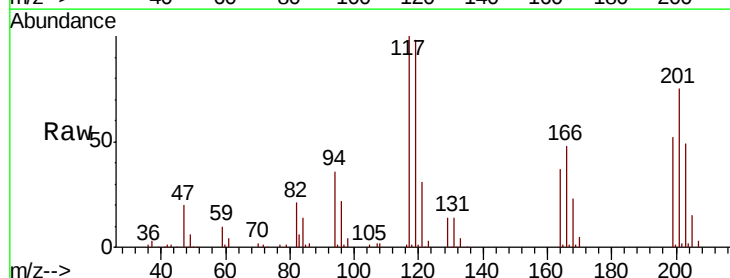
Instrument :
BNA_F
ClientSampleId :

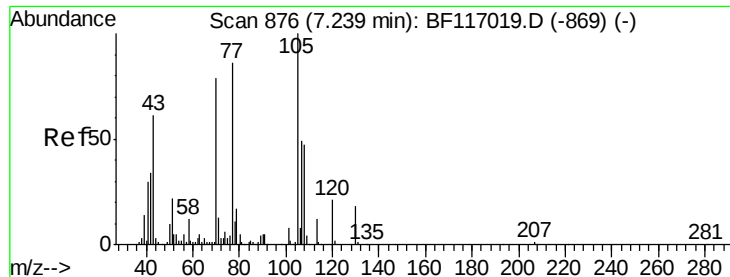
Tot Ion:	107	Resp:	159320
Ion	Ratio	Lower	Upper
107	100		
108	110.8	87.7	131.5
77	50.3	38.6	58.0
79	49.1	36.8	55.2



#18
Hexachloroethane
Concen: 38.683 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion:	117	Resp:	79111
Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.8	113.8
201	75.0	60.9	91.3

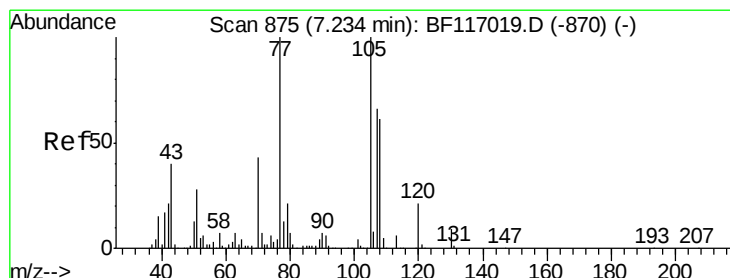
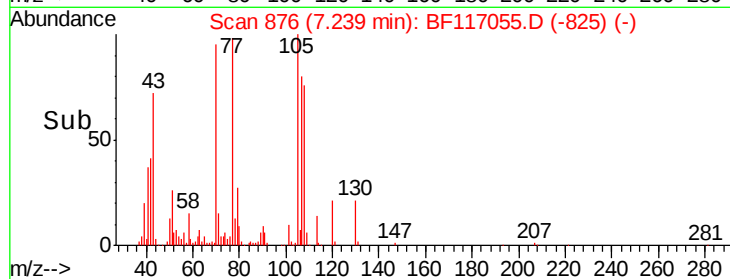
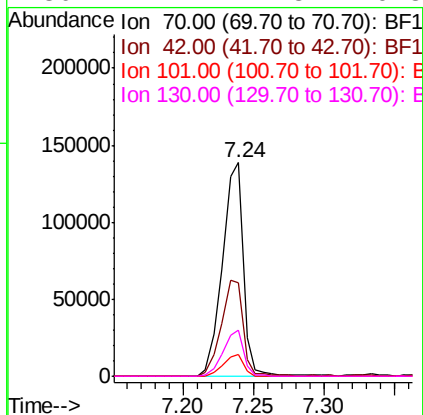
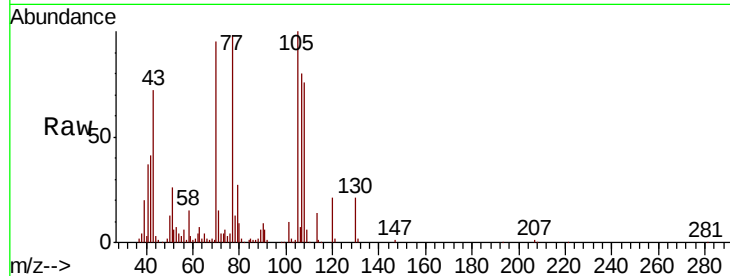




#19
n-Nitroso-di-n-propylamine
Concen: 42.478 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

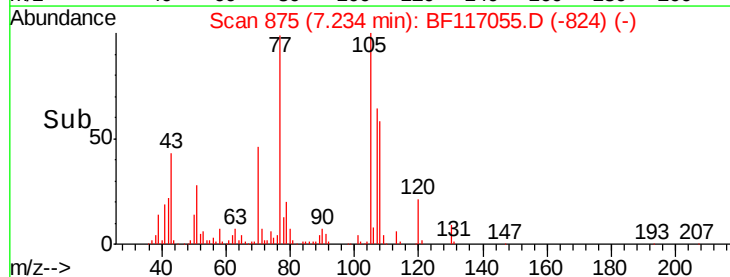
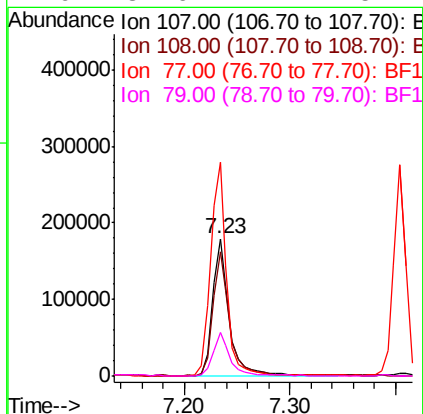
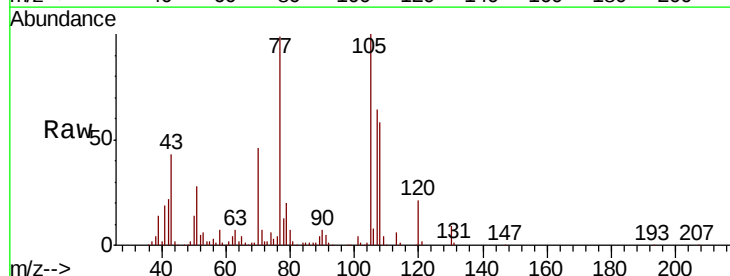
Instrument :
BNA_F
ClientSampleId :

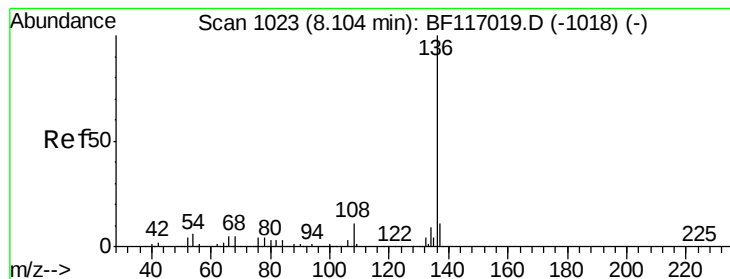
Tot Ion:	70	Resp:	143845
Ion	Ratio	Lower	Upper
70	100		
42	43.7	34.0	51.0
101	10.3	7.8	11.6
130	21.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 40.521 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion:	107	Resp:	196371
Ion	Ratio	Lower	Upper
107	100		
108	90.2	72.6	112.6
77	155.7	132.1	172.1
79	31.6	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: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 265705

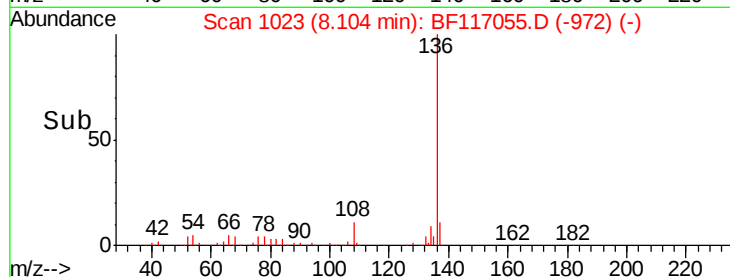
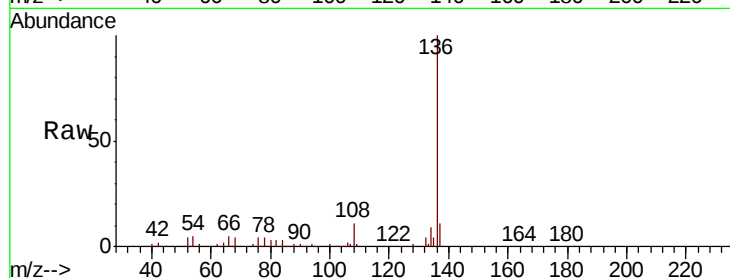
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.3 4.5 6.7

68 4.3 4.0 6.0

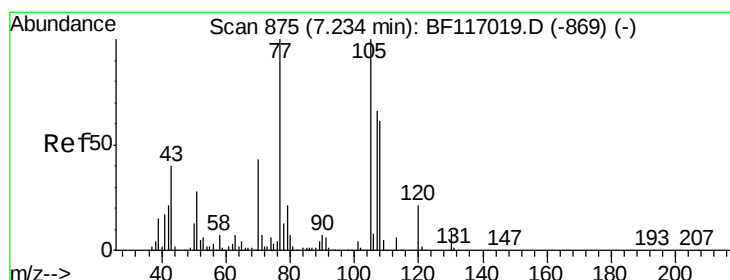
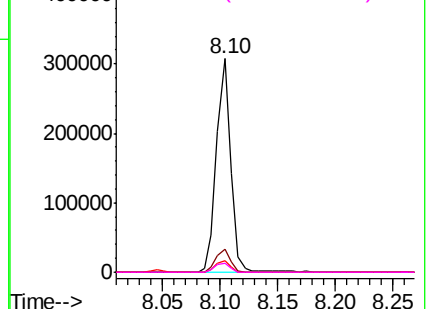


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.645 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion:105 Resp: 294633

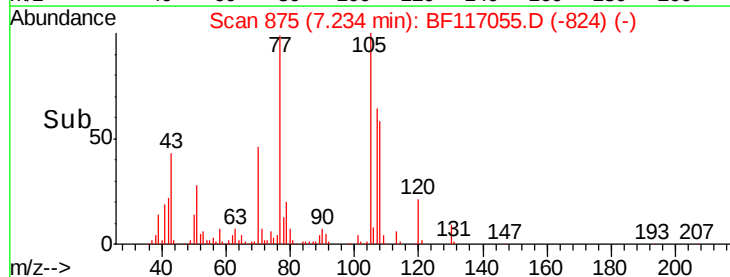
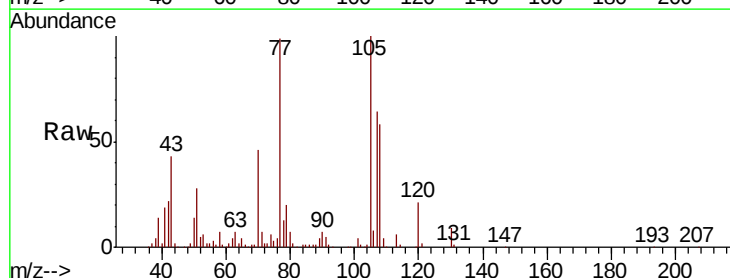
Ion Ratio Lower Upper

105 100

71 7.4 5.7 8.5

51 28.2 22.1 33.1

120 20.9 17.1 25.7

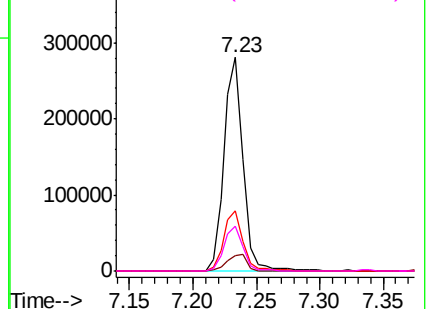


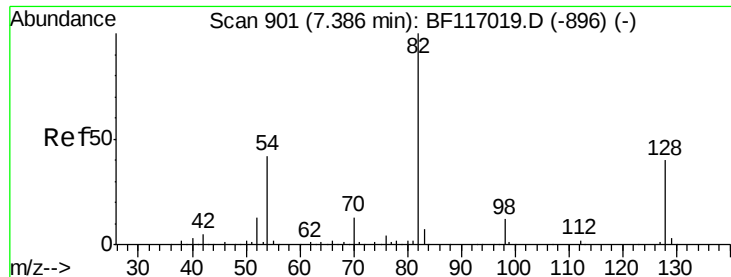
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

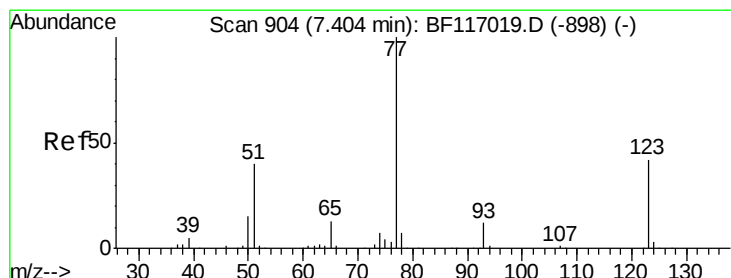
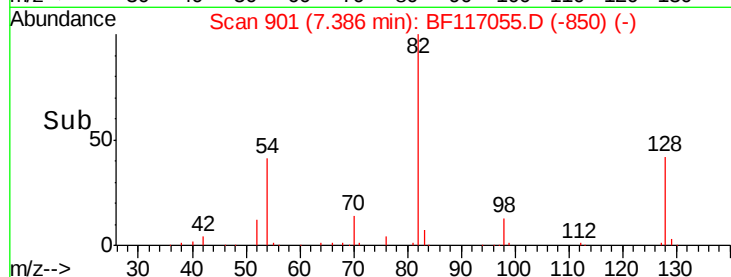
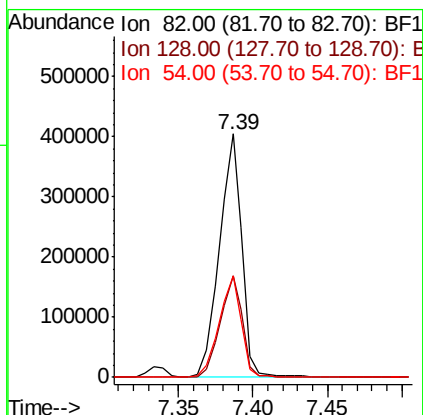
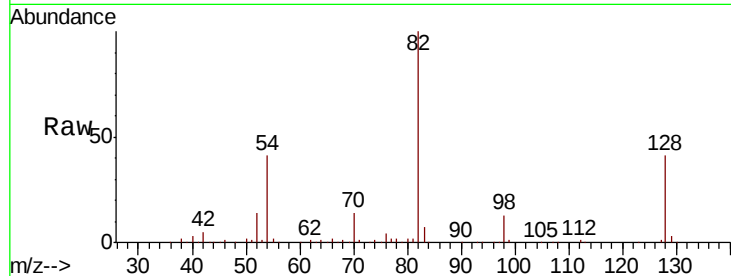




#23
 Nitrobenzene-d5
 Concen: 84.897 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

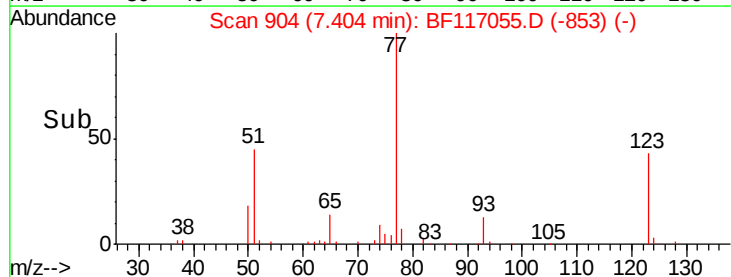
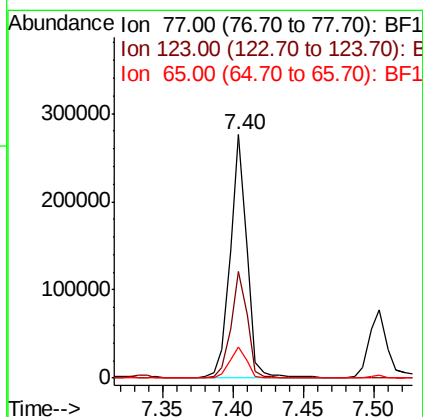
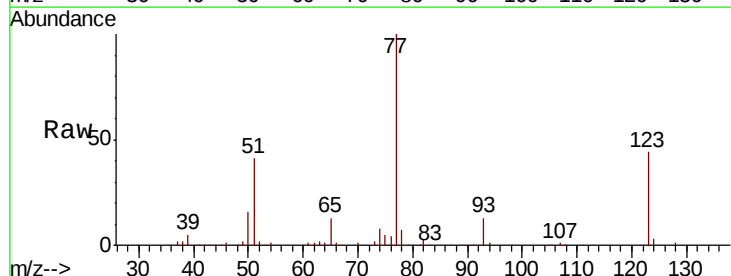
Instrument :
 BNA_F
 ClientSampleId :

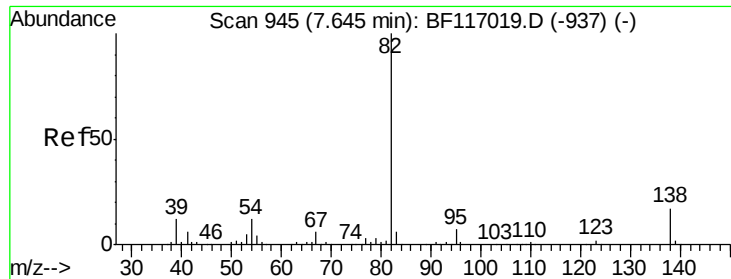
Tot Ion	82	Resp	429321
Ion Ratio	Lower	Upper	
82	100		
128	41.5	32.3	48.5
54	41.5	33.3	49.9



#24
 Nitrobenzene
 Concen: 44.707 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Tgt Ion	77	Resp	223262
Ion Ratio	Lower	Upper	
77	100		
123	43.8	33.5	50.3
65	12.9	10.5	15.7





#25

Isophorone

Concen: 44.498 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :

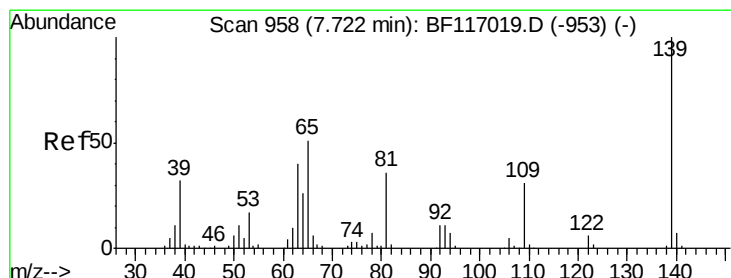
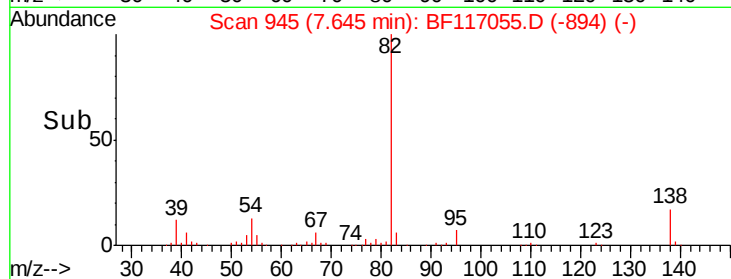
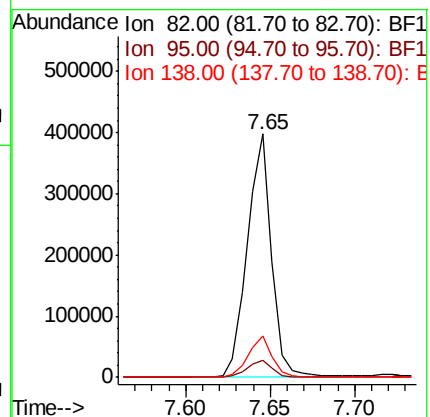
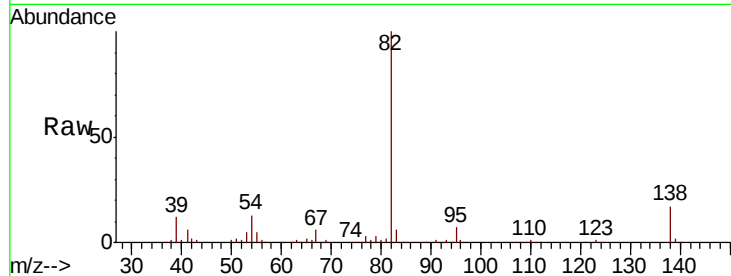
Tot Ion: 82 Resp: 398425

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 17.2 13.5 20.3



#26

2-Nitrophenol

Concen: 46.559 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

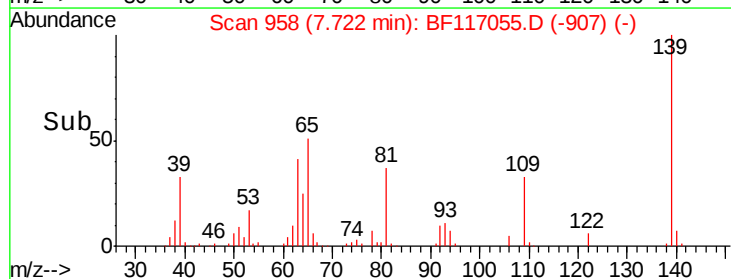
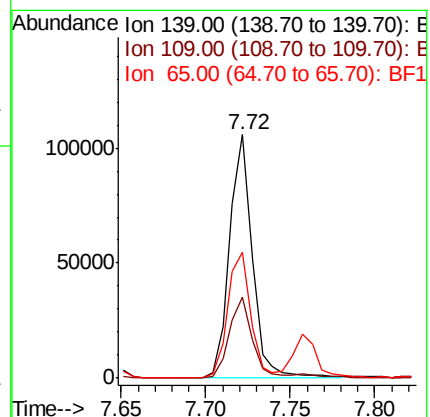
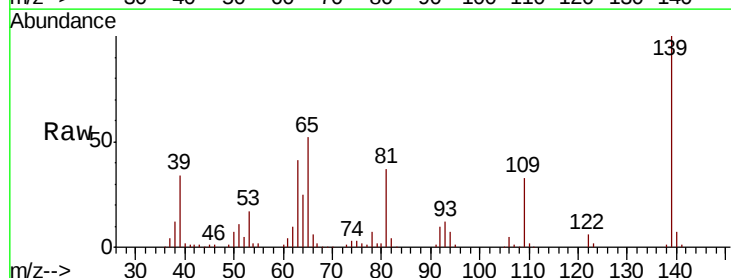
Tgt Ion: 139 Resp: 99873

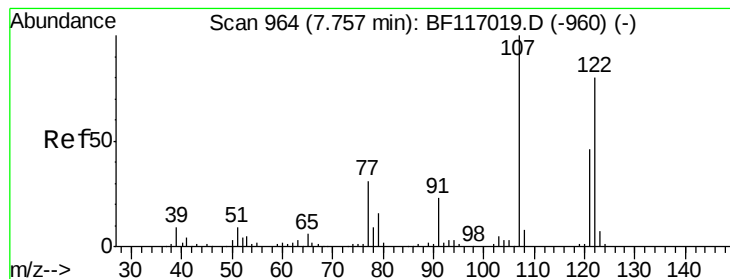
Ion Ratio Lower Upper

139 100

109 33.3 24.6 36.8

65 51.6 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 49.846 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :

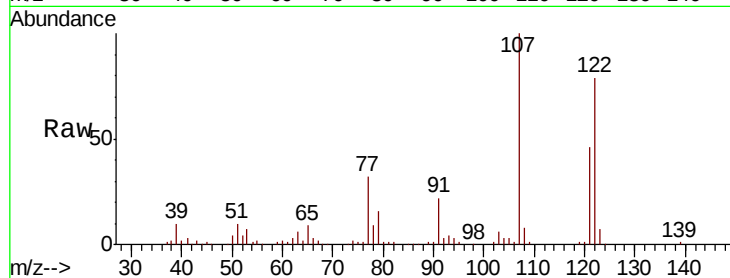
Tot Ion:122 Resp: 169559

Ion Ratio Lower Upper

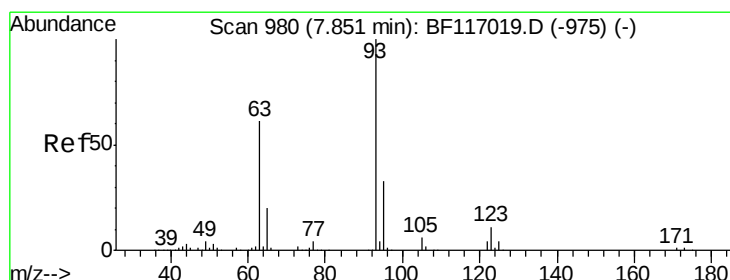
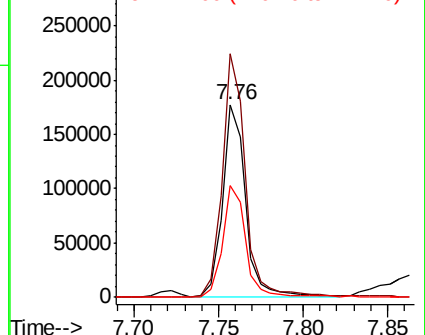
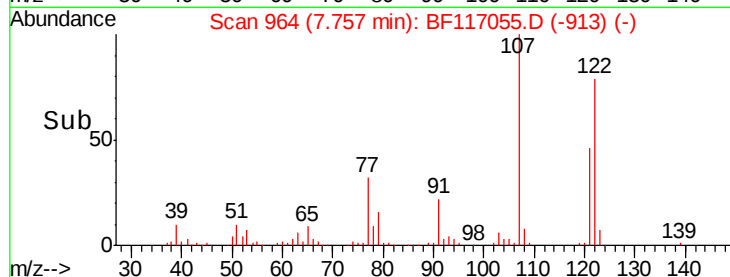
122 100

107 126.5 98.9 148.3

121 58.4 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: 43.686 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

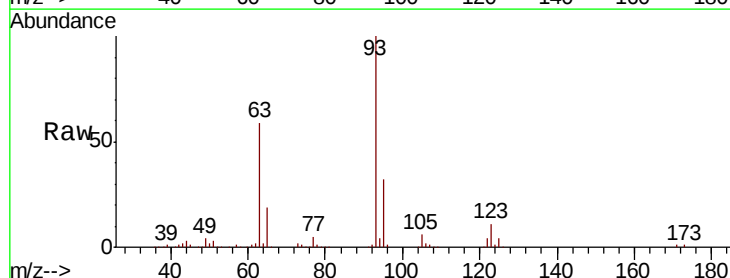
Tgt Ion: 93 Resp: 240992

Ion Ratio Lower Upper

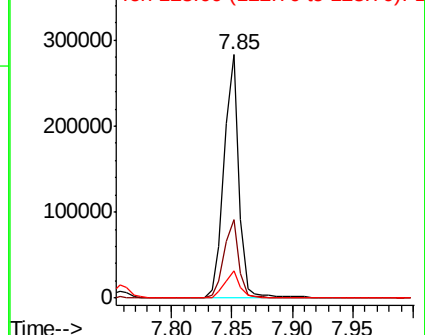
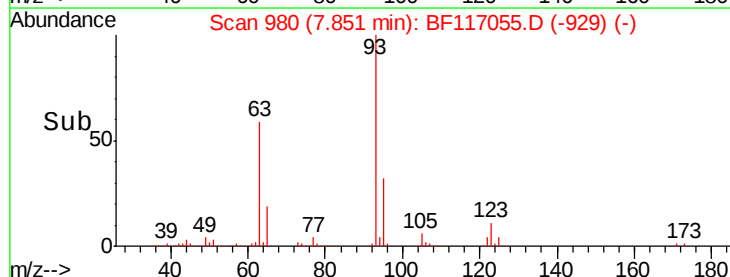
93 100

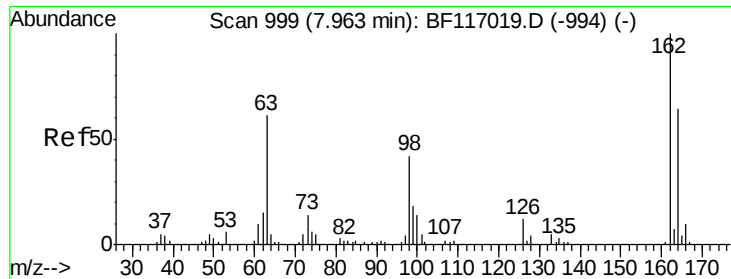
95 32.1 26.2 39.4

123 11.2 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

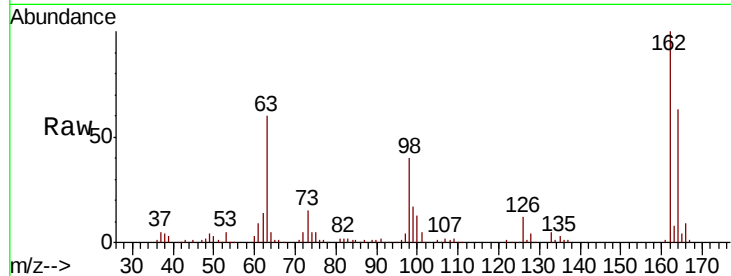




#29
 2,4-Dichlorophenol
 Concen: 45.302 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.8	83.8
98	39.5	22.1	62.1

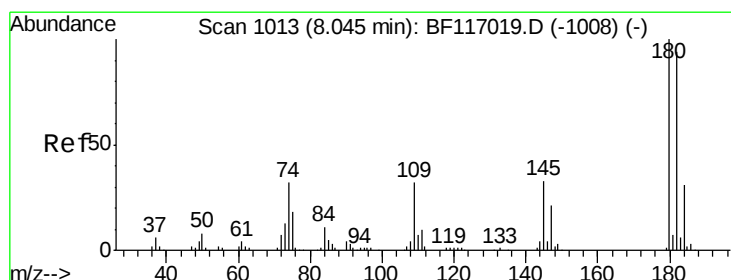
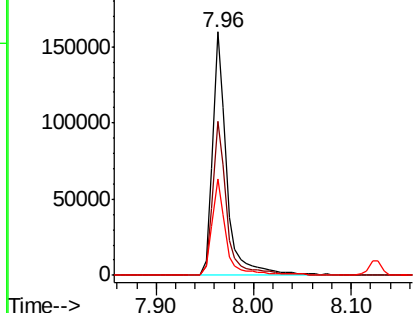
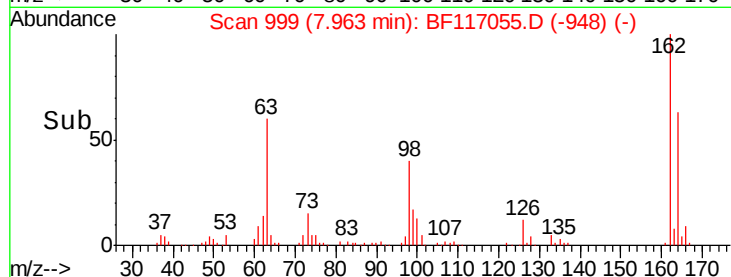


Abundance

Ion 162.00 (161.70 to 162.70): E

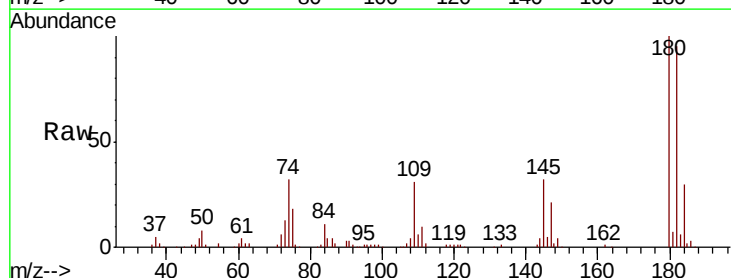
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.061 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.4	113.0
145	32.4	26.7	40.1

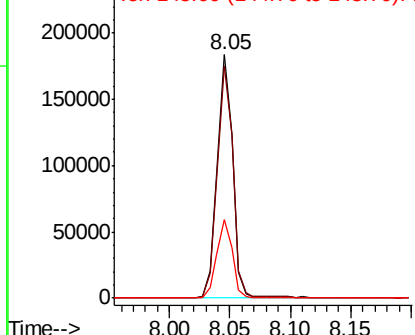
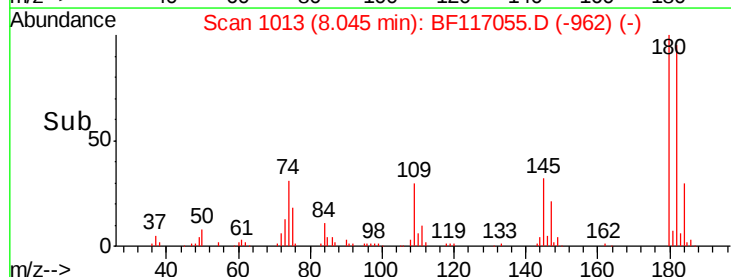


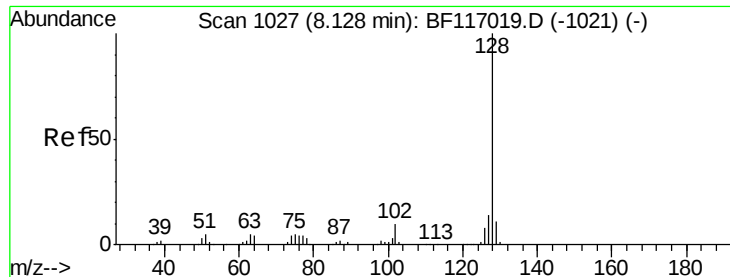
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

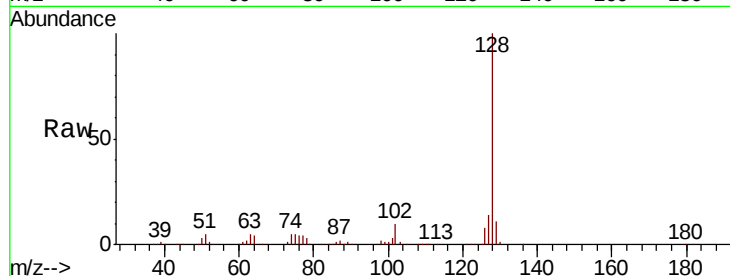




#31
Naphthalene
Concen: 44.521 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.6	10.8	16.2

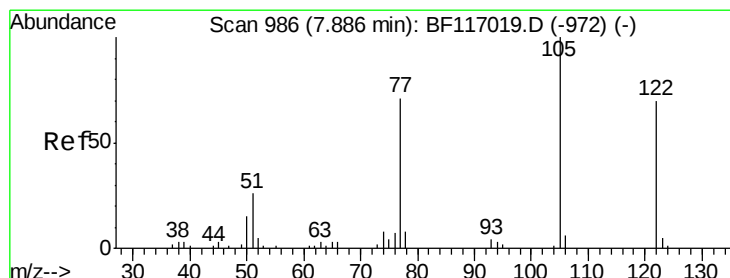
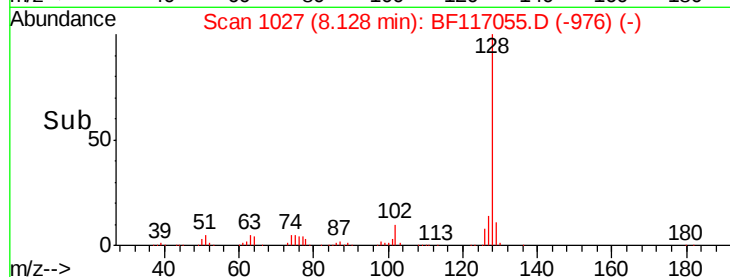
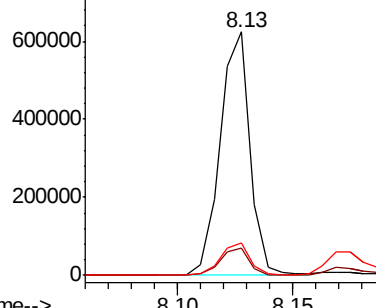


Abundance

Ion 128.00 (127.70 to 128.70): E

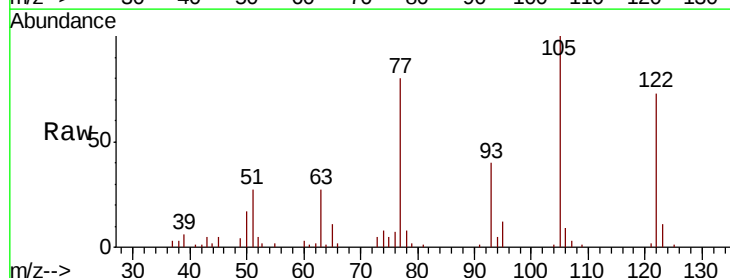
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 20.634 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.4	114.8	154.8
77	108.7	78.7	118.7

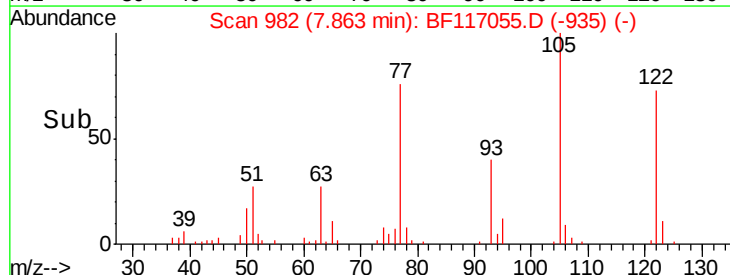
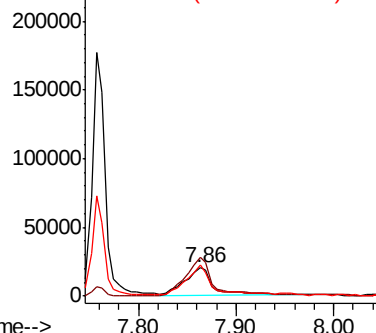


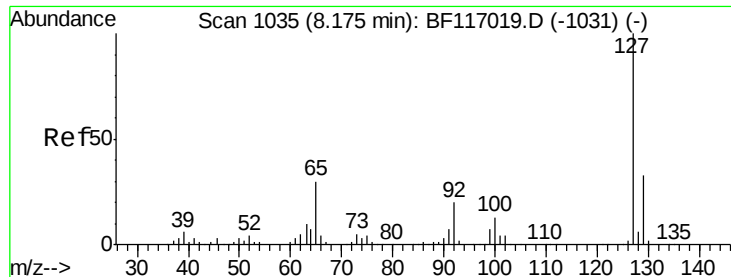
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

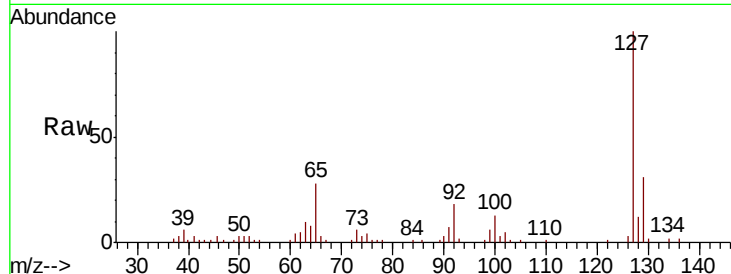




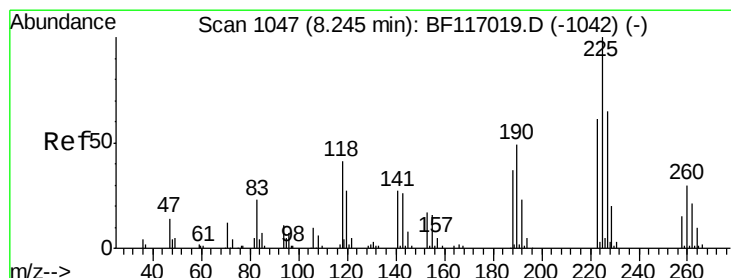
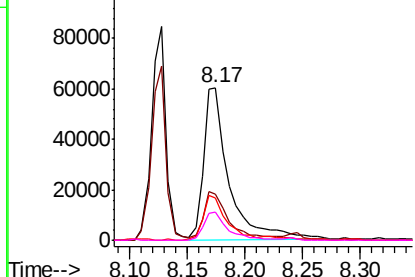
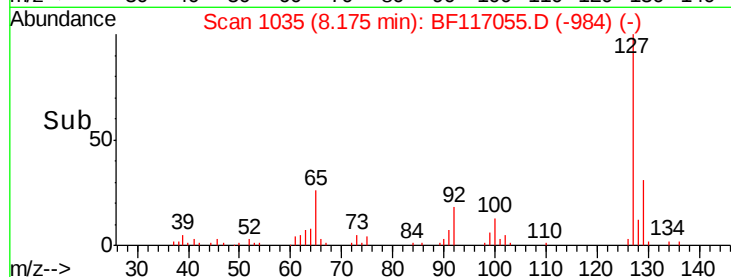
#33
4-Chloroaniline
Concen: 16.227 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	91973
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.2	39.2
65	27.9	23.5	35.3
92	18.1	15.9	23.9

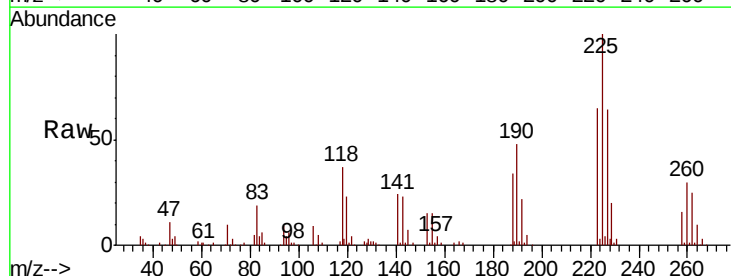


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

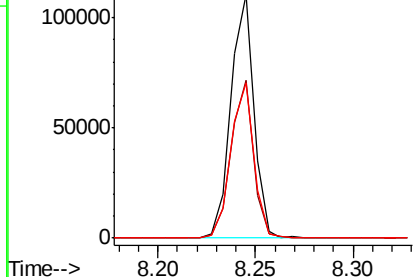
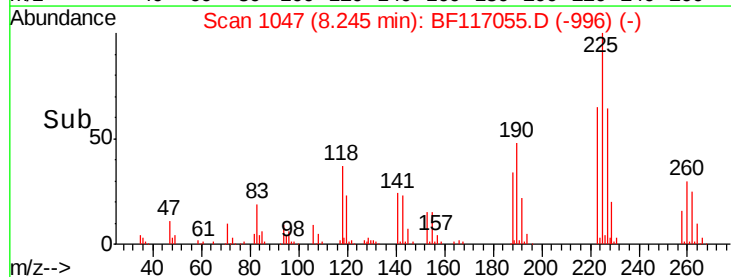


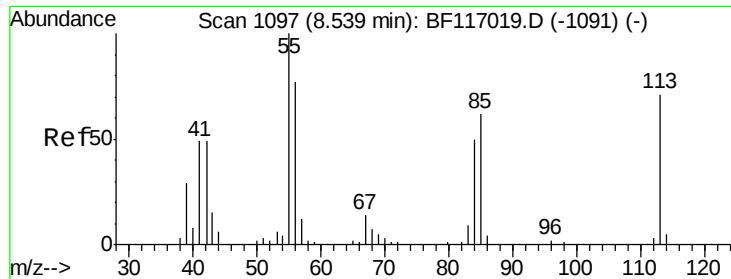
#34
Hexachlorobutadiene
Concen: 41.374 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion:	225	Resp:	90390
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.1	73.7
227	63.9	52.2	78.2



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

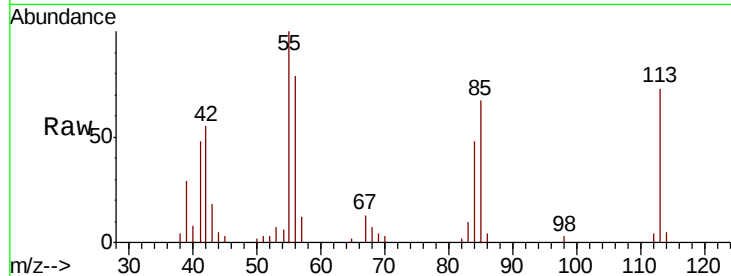




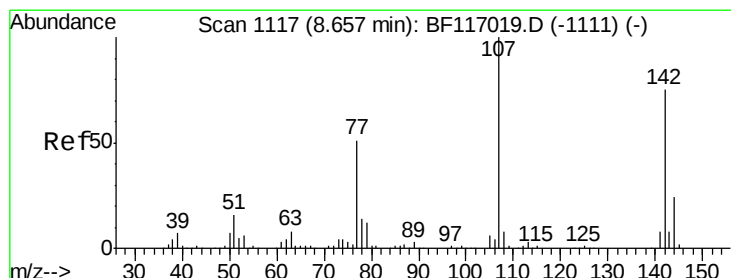
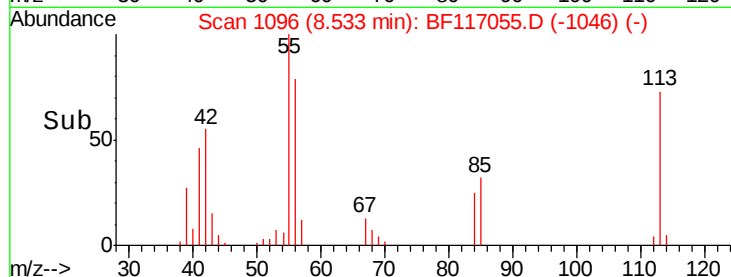
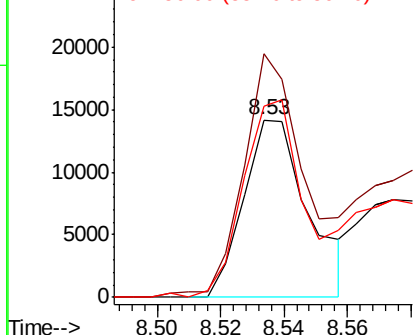
#35
 Caprolactam
 Concen: 16.550 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 19966
 Ion Ratio Lower Upper
 113 100
 55 137.3 120.6 160.6
 56 108.0 88.8 128.8

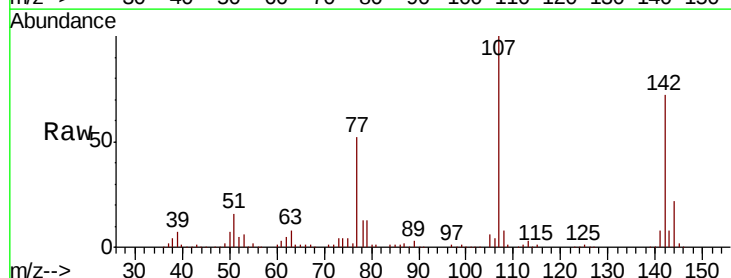


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

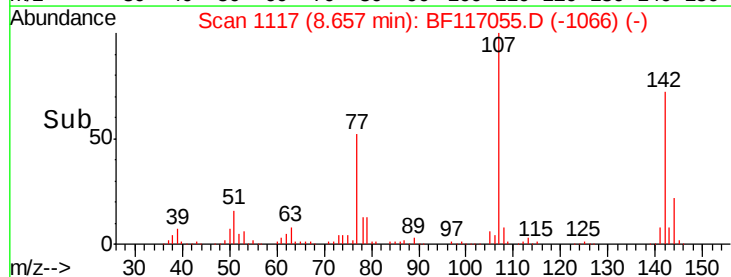
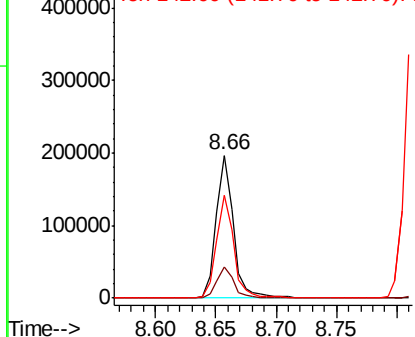


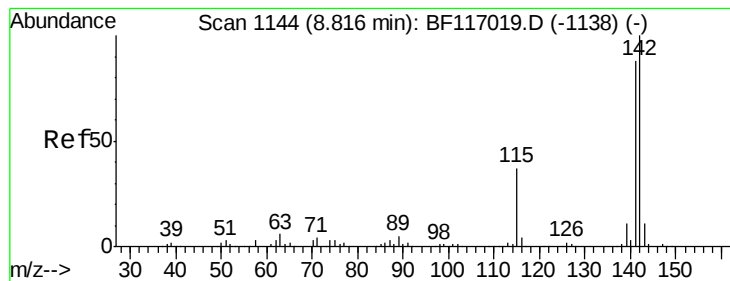
#36
 4-Chloro-3-methylphenol
 Concen: 46.273 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Tgt Ion:107 Resp: 192313
 Ion Ratio Lower Upper
 107 100
 144 22.3 19.2 28.8
 142 72.2 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

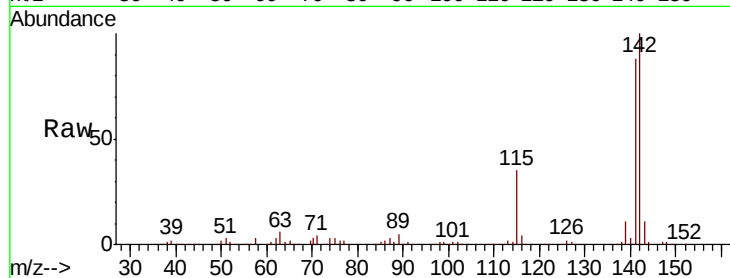




#37
 2-Methylnaphthalene
 Concen: 45.366 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.7	106.1
115	35.3	29.4	44.0

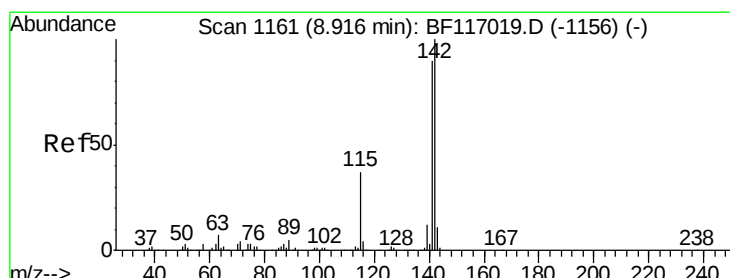
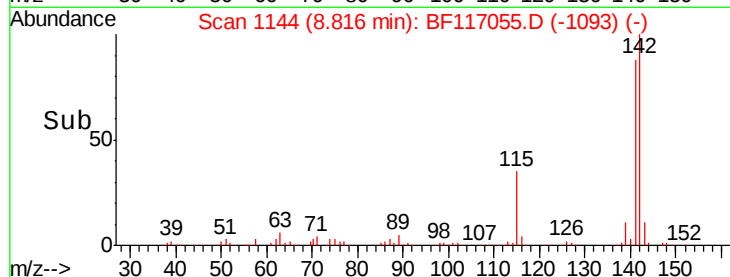
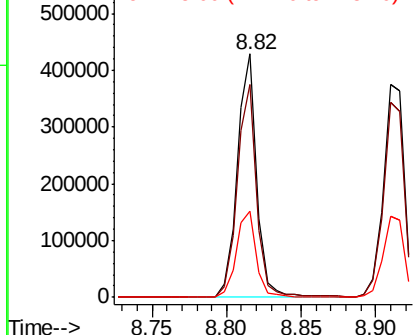


Abundance

Ion 142.00 (141.70 to 142.70): E

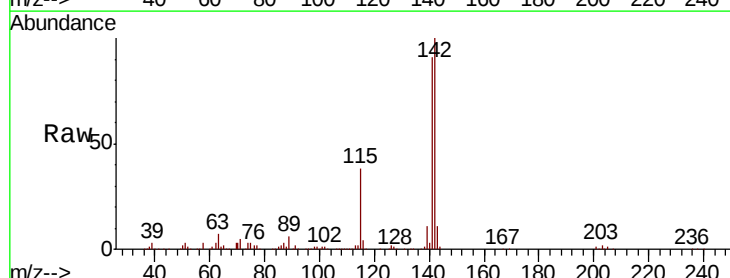
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 44.477 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
116	4.1	3.2	4.8

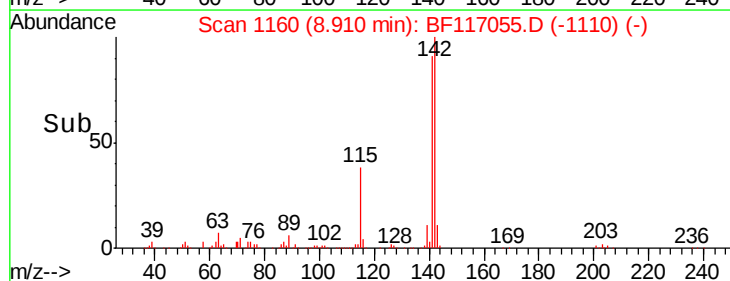
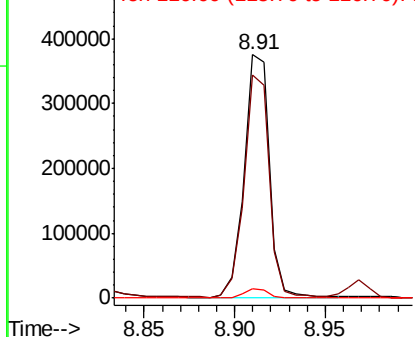


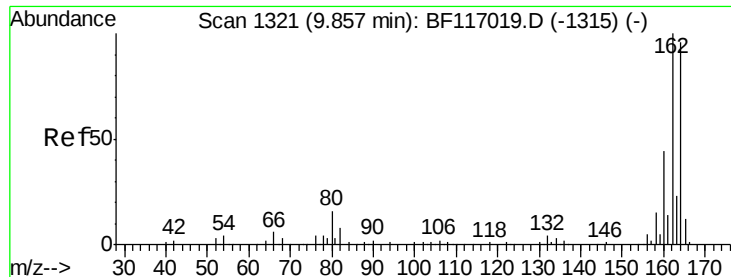
Abundance

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: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

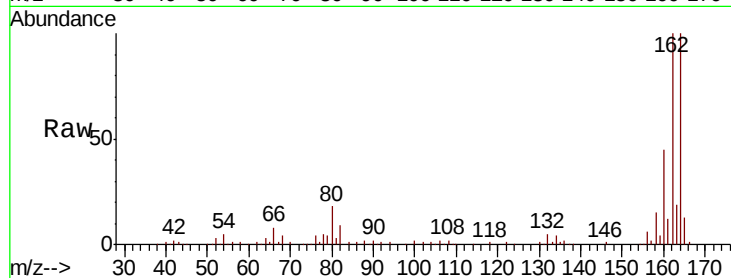
Tot Ion:164 Resp: 138253

Ion Ratio Lower Upper

164 100

162 100.1 83.4 125.2

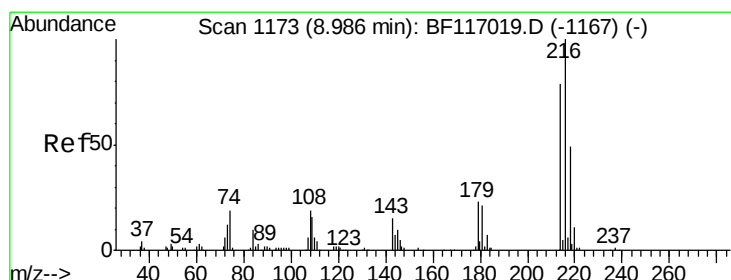
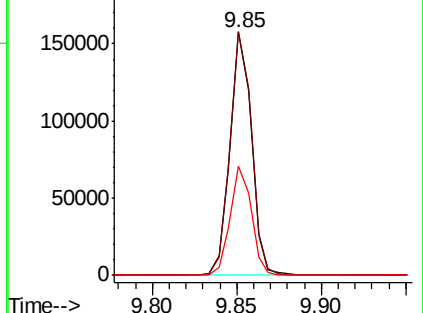
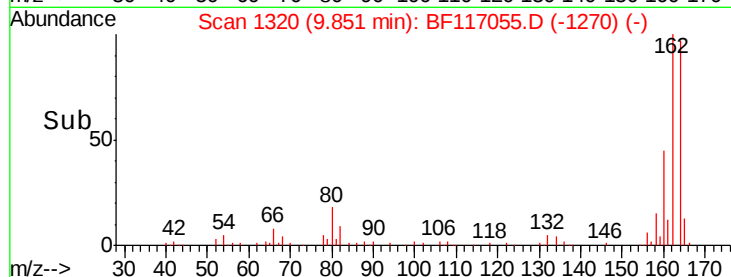
160 45.0 36.4 54.6



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: 42.842 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion:216 Resp: 152948

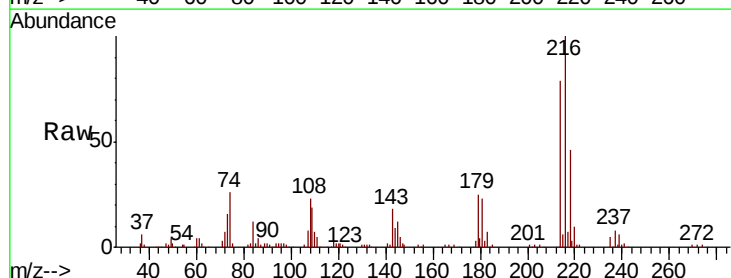
Ion Ratio Lower Upper

216 100

214 79.2 63.6 95.4

179 23.6 18.3 27.5

108 24.8 17.8 26.6

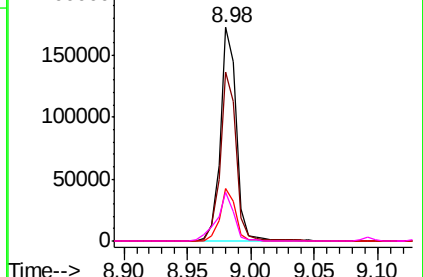
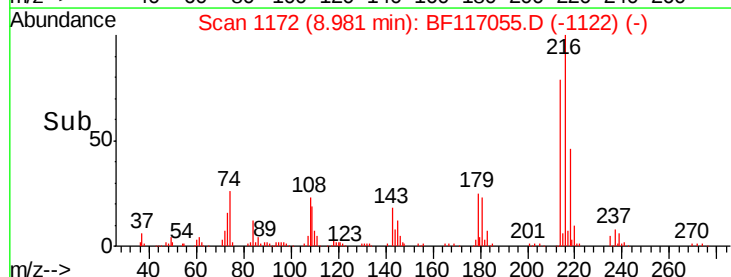


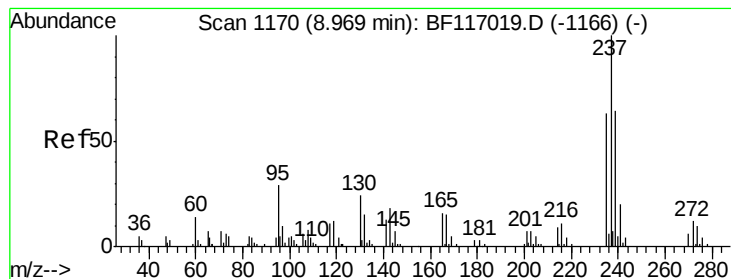
Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.792 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

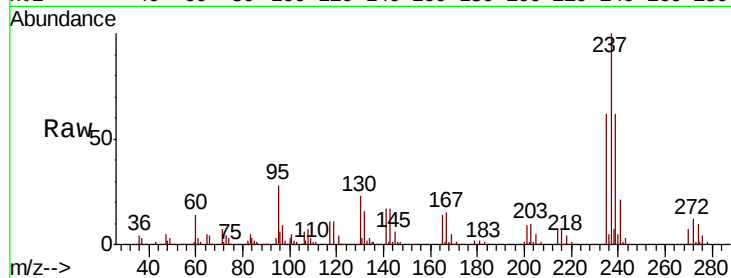
Tot Ion:237 Resp: 143378

Ion Ratio Lower Upper

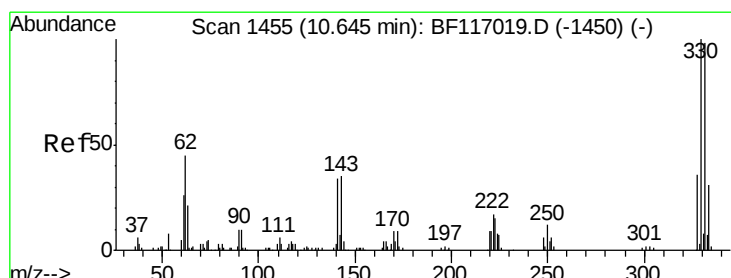
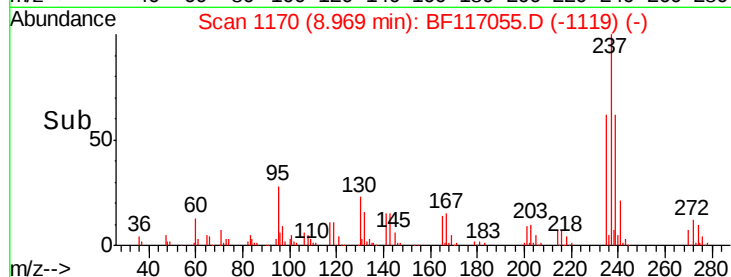
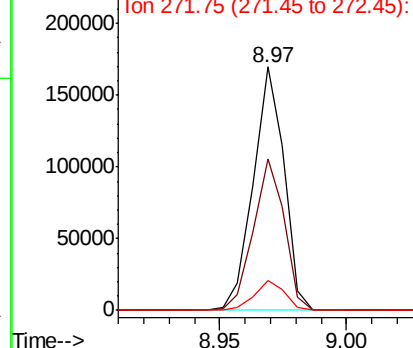
237 100

235 62.0 43.2 83.2

272 12.3 0.0 31.9



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



#42

2,4,6-Tribromophenol

Concen: 133.475 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

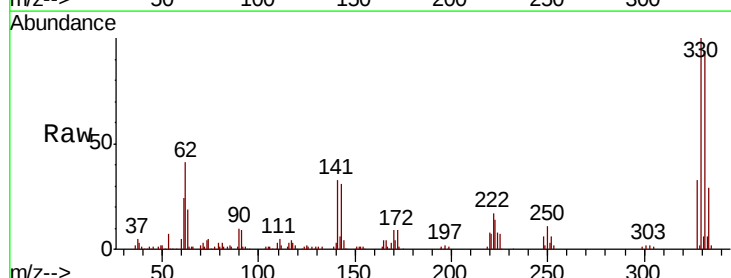
Tgt Ion:330 Resp: 154227

Ion Ratio Lower Upper

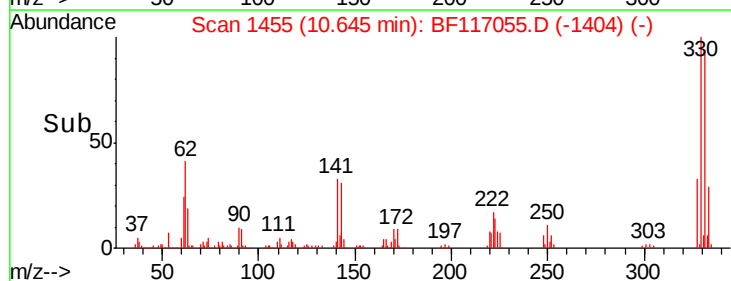
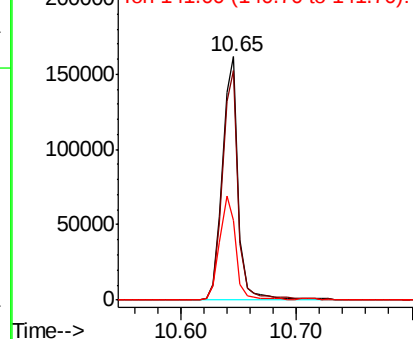
330 100

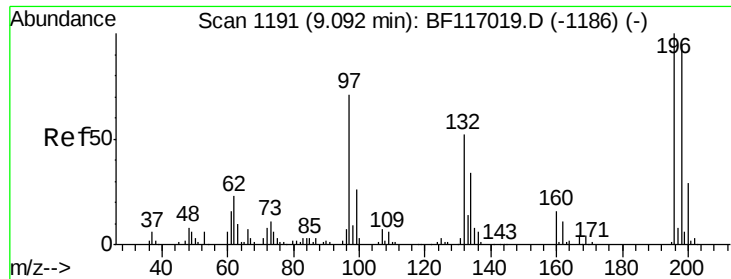
332 94.6 78.0 117.0

141 43.6 35.8 53.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

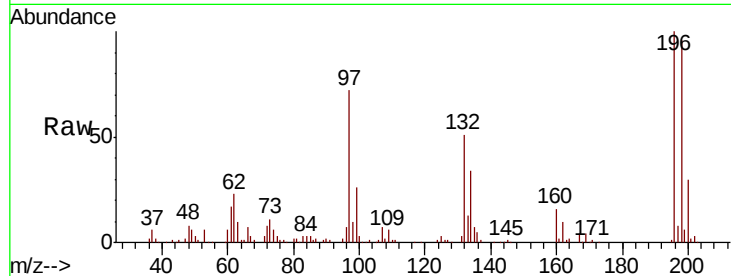




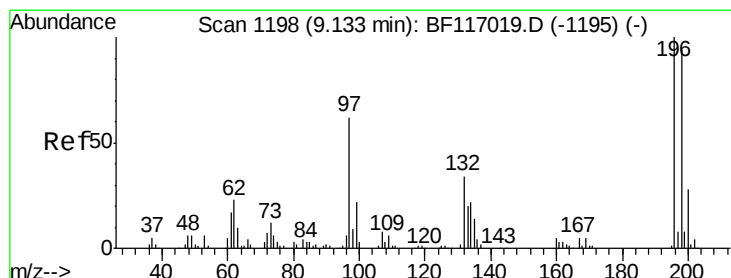
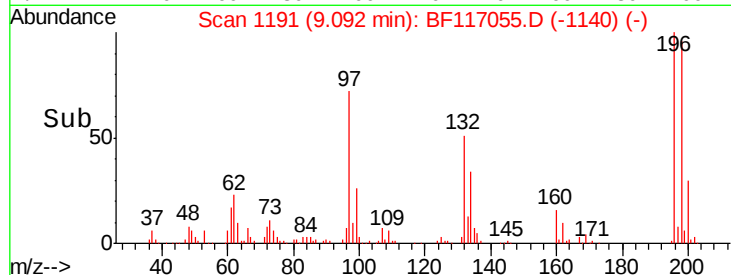
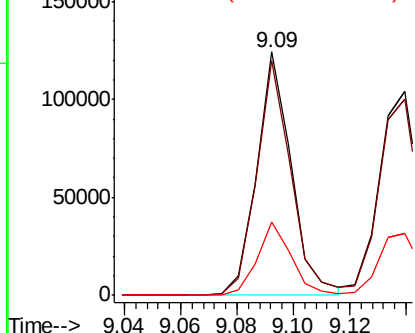
#43
 2,4,6-Trichlorophenol
 Concen: 43.427 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 105212
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 30.4 23.3 34.9

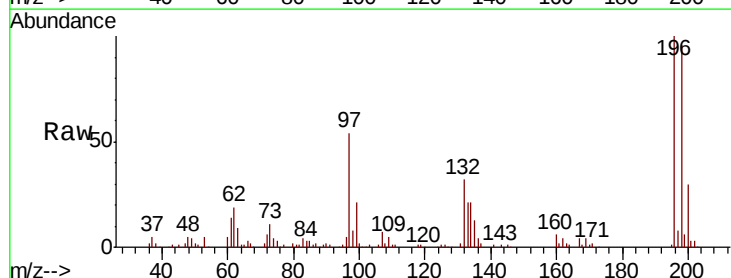


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

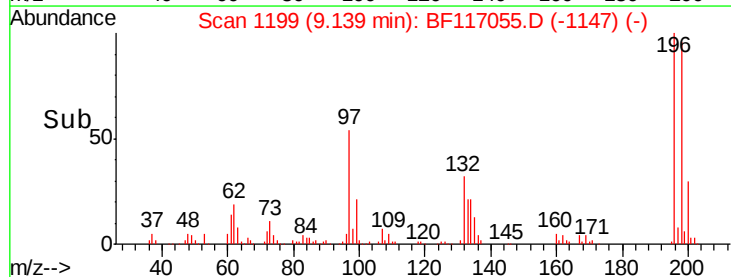
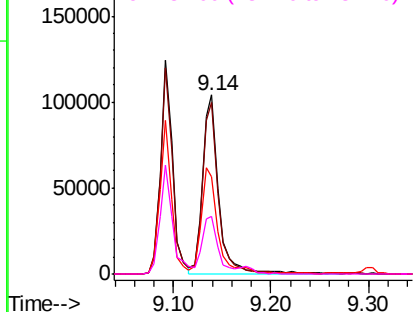


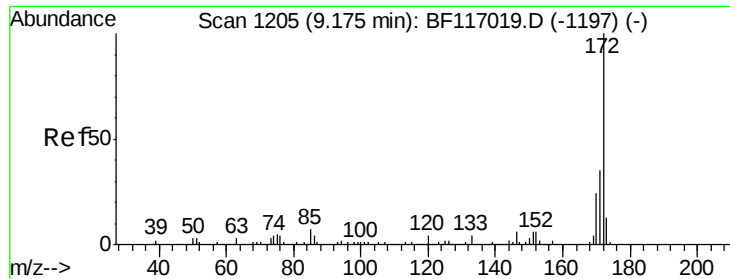
#44
 2,4,5-Trichlorophenol
 Concen: 45.417 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Tgt Ion:196 Resp: 117562
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.6 112.0
 97 54.1 49.5 74.3
 132 32.4 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

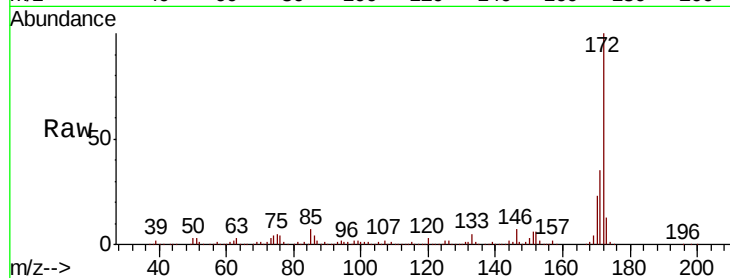




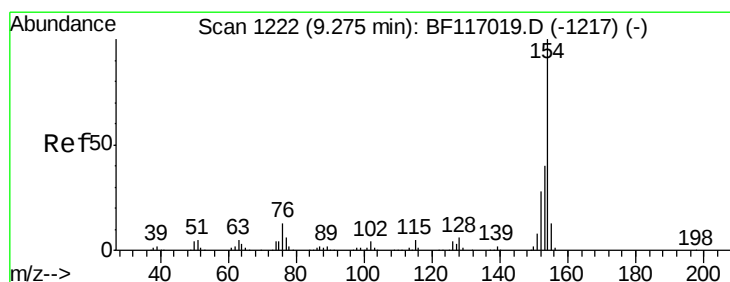
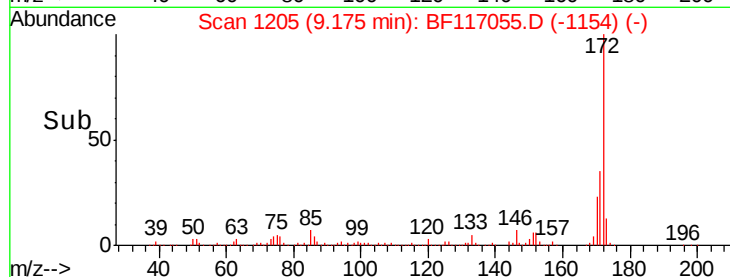
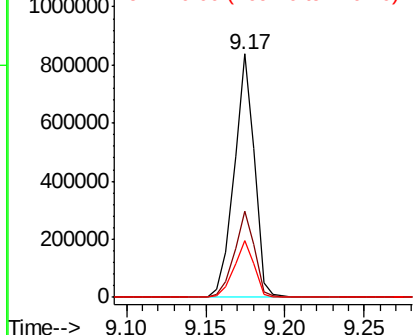
#45
2-Fluorobiphenyl
Concen: 83.983 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.4	18.9	28.3

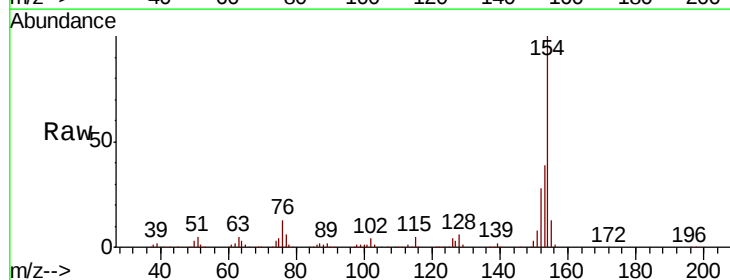


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

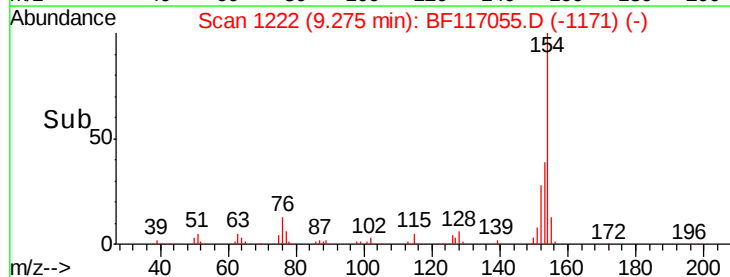
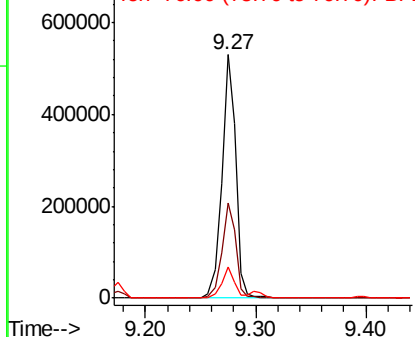


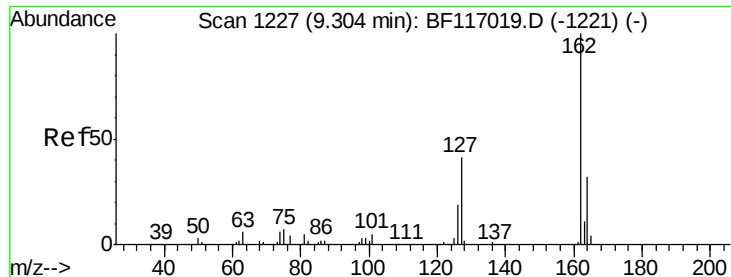
#46
1,1'-Biphenyl
Concen: 42.833 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.0	60.0
76	12.6	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

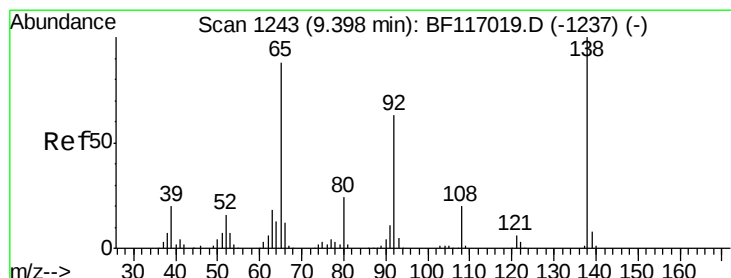
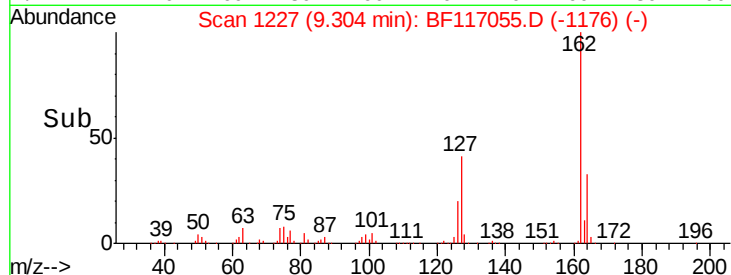
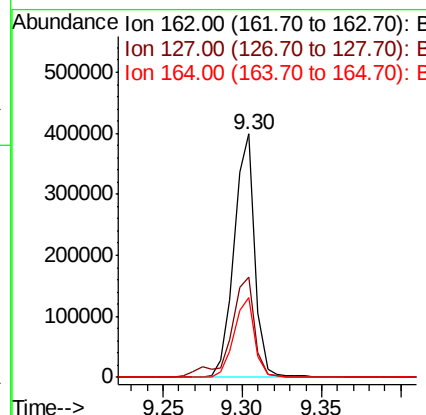
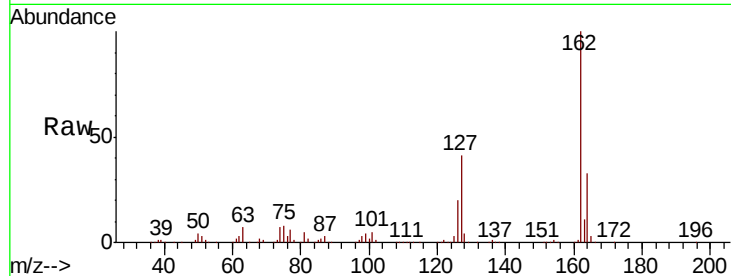




#47
 2-Chloronaphthalene
 Concen: 42.465 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

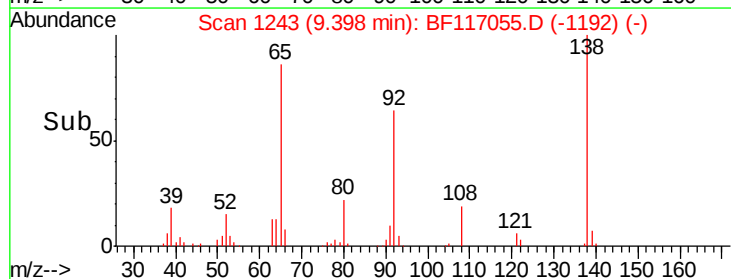
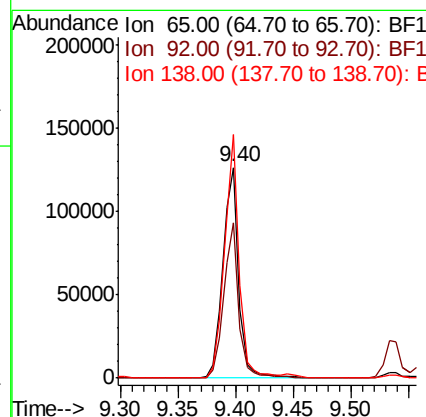
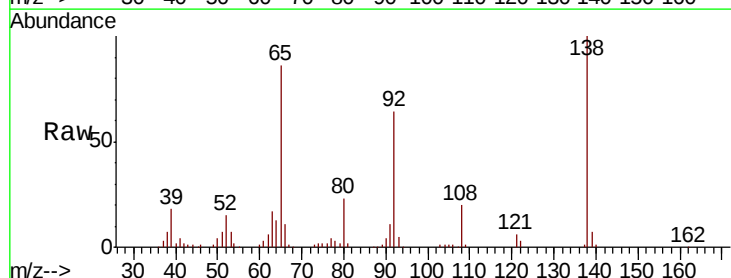
Instrument :
 BNA_F
 ClientSampleId :

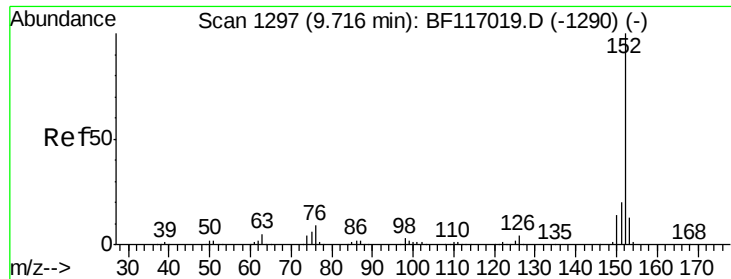
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.1	51.1
164	32.8	25.9	38.9



#48
 2-Nitroaniline
 Concen: 43.854 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	57.5	86.3
138	115.6	90.6	136.0





#49

Acenaphthylene

Concen: 45.310 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

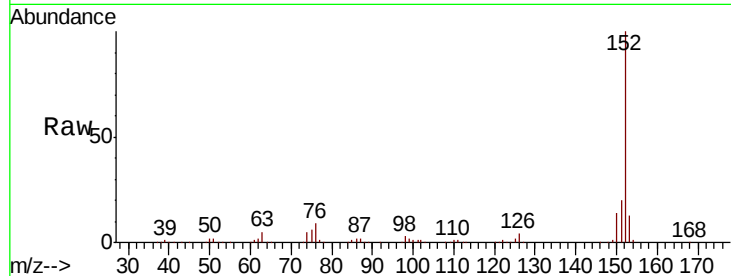
Tot Ion:152 Resp: 580941

Ion Ratio Lower Upper

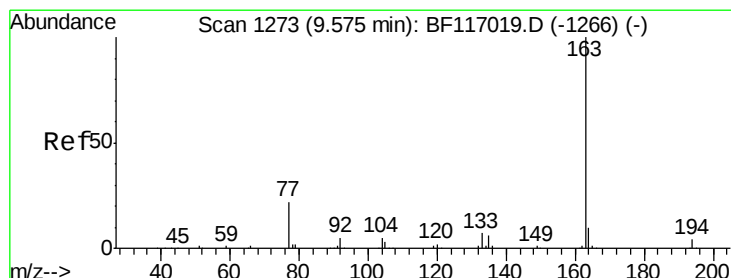
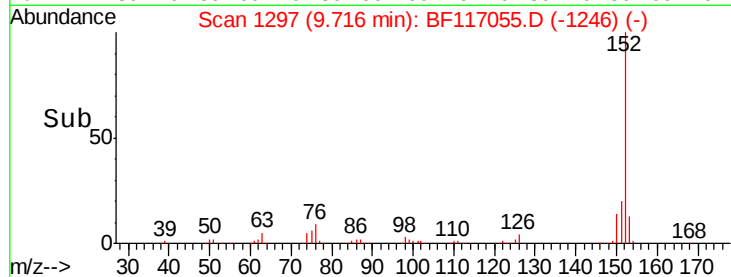
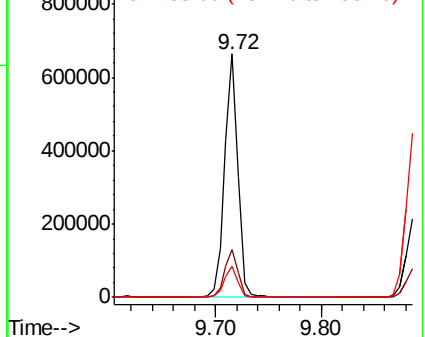
152 100

151 19.8 16.2 24.2

153 12.7 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: 44.822 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

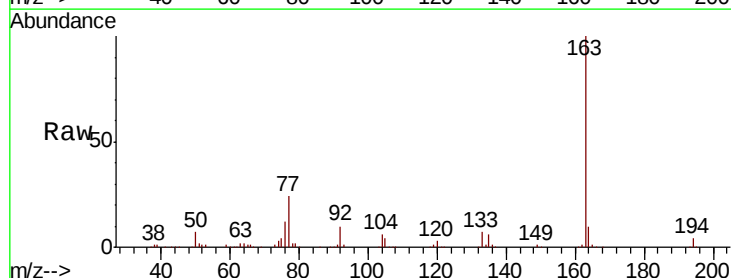
Tgt Ion:163 Resp: 438762

Ion Ratio Lower Upper

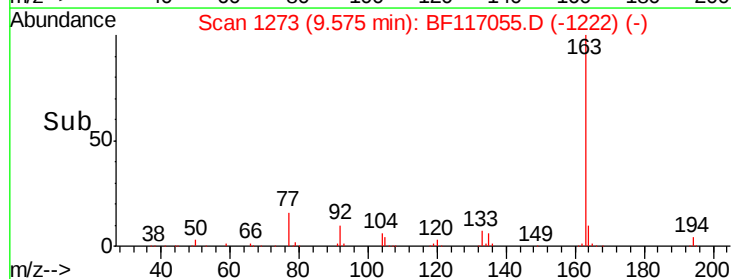
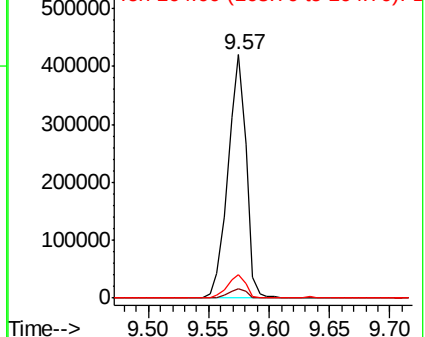
163 100

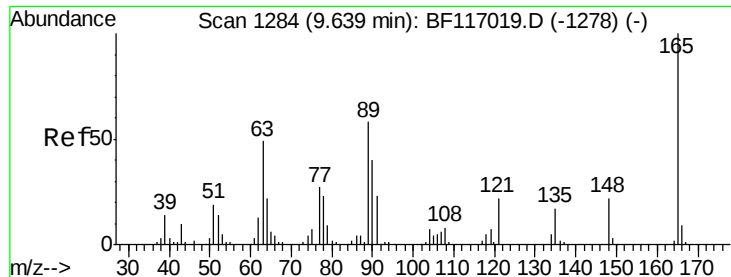
194 3.8 2.9 4.3

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: 46.865 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampled :

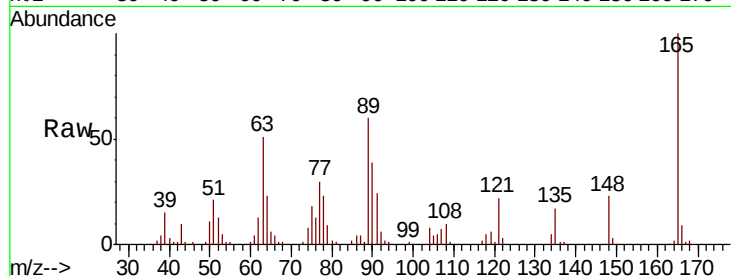
Tot Ion:165 Resp: 93435

Ion Ratio Lower Upper

165 100

63 51.2 41.8 62.8

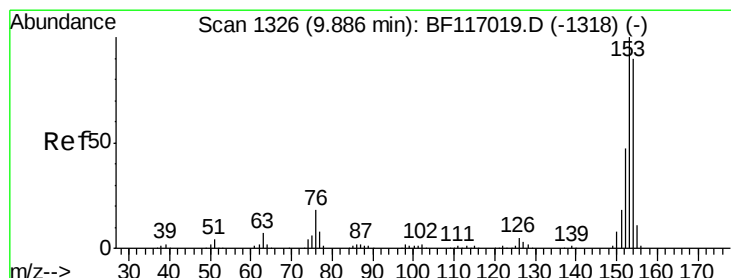
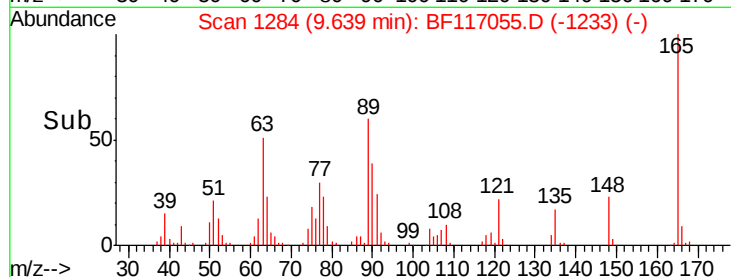
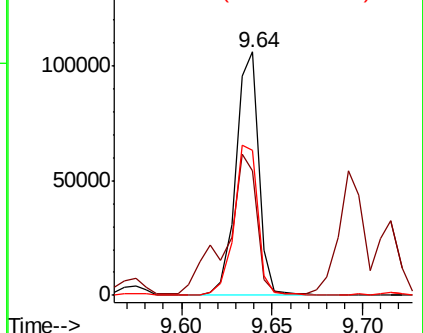
89 59.6 46.5 69.7



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: 43.444 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

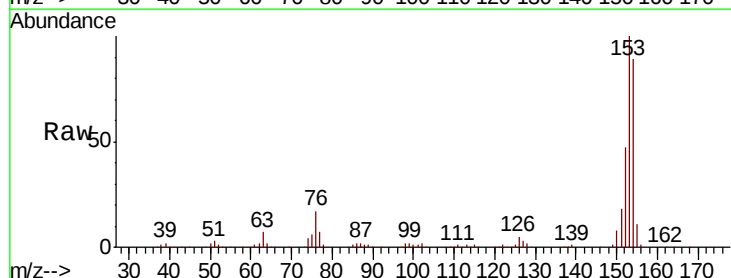
Tgt Ion:154 Resp: 330187

Ion Ratio Lower Upper

154 100

153 111.9 89.0 133.6

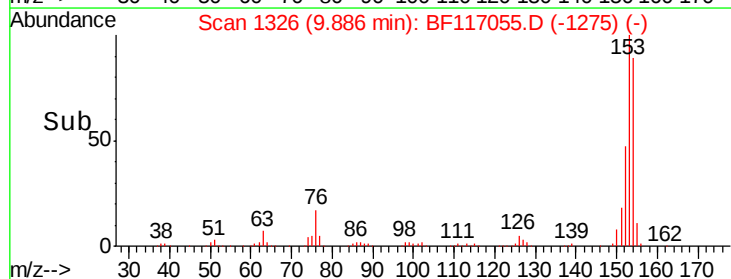
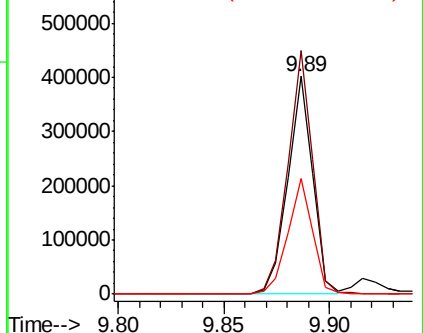
152 52.9 41.9 62.9

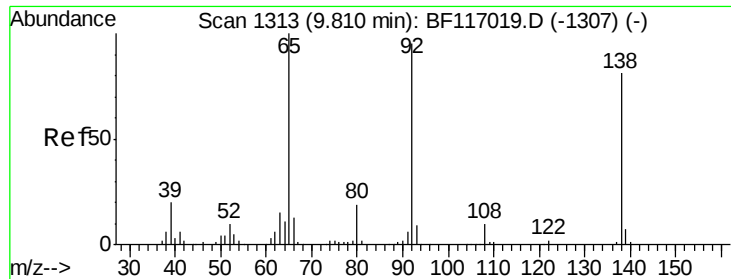


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

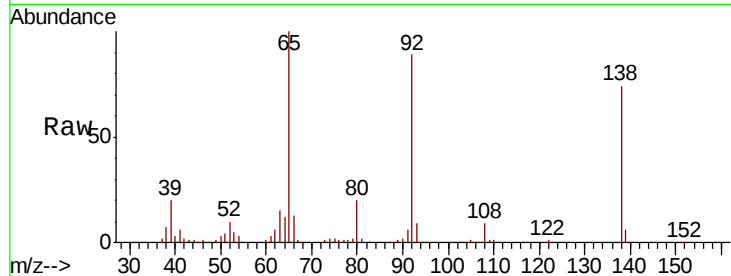




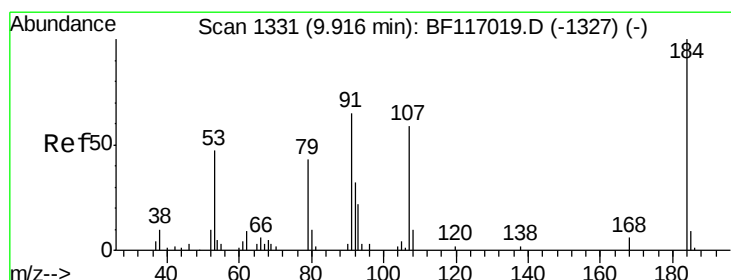
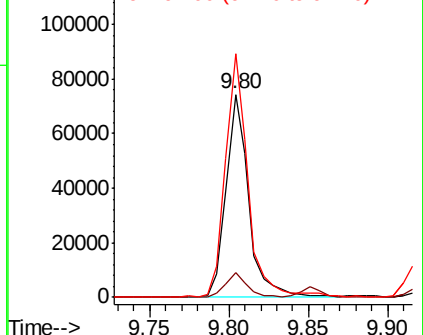
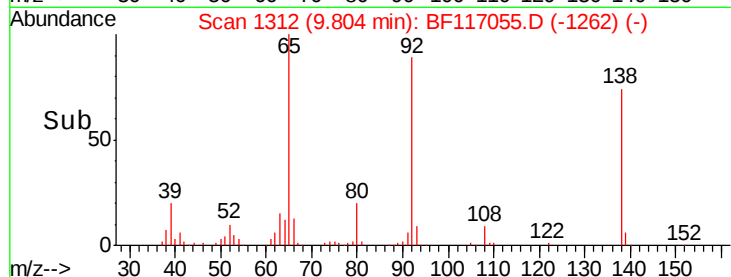
#53
3-Nitroaniline
Concen: 29.278 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 73646
Ion Ratio Lower Upper
138 100
108 12.0 9.5 14.3
92 119.9 94.1 141.1

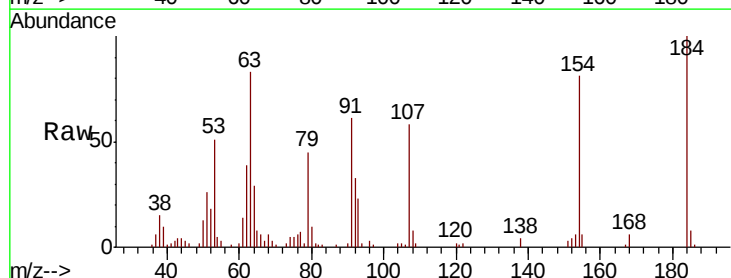


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

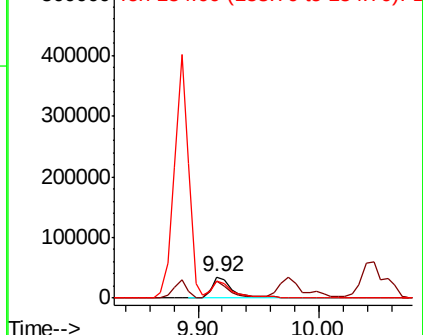
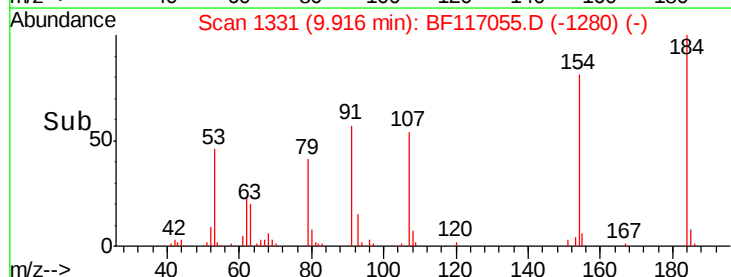


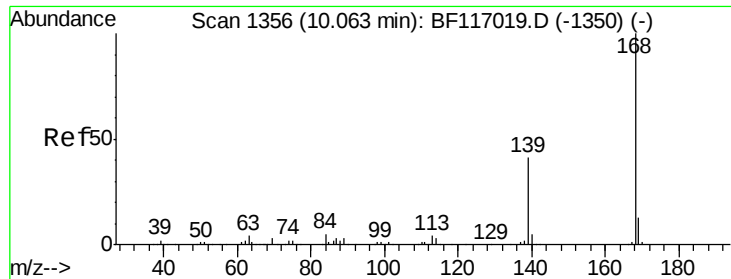
#54
2,4-Dinitrophenol
Concen: 52.596 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion:184 Resp: 42225
Ion Ratio Lower Upper
184 100
63 82.6 63.8 95.6
154 80.7 60.4 90.6



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

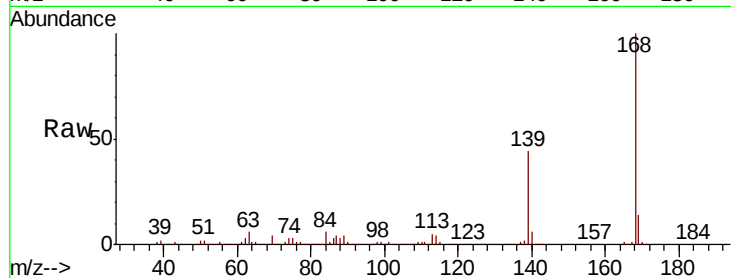




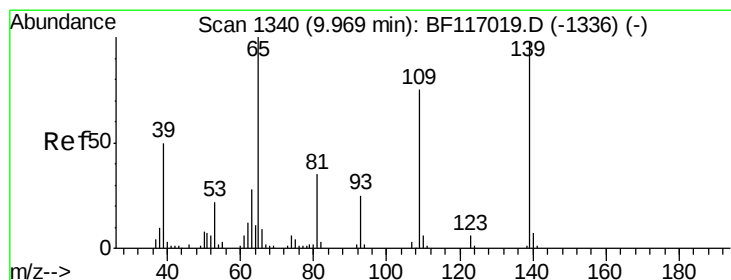
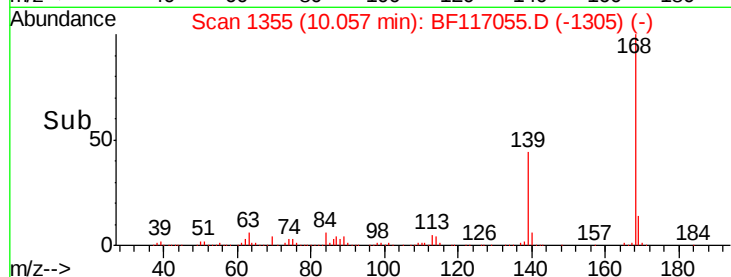
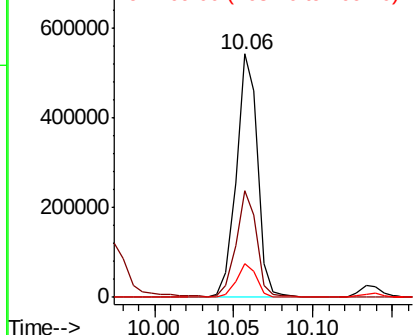
#55
Dibenzenofuran
Concen: 44.963 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 504204
Ion Ratio Lower Upper
168 100
139 43.9 32.8 49.2
169 13.7 10.5 15.7

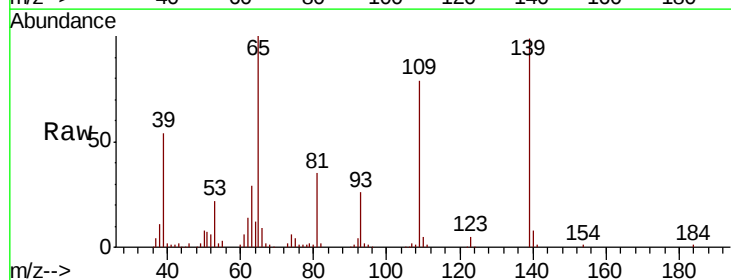


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

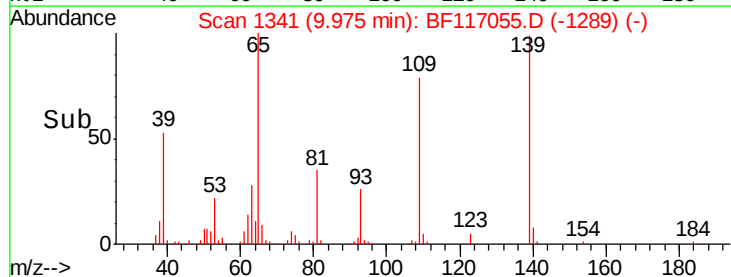
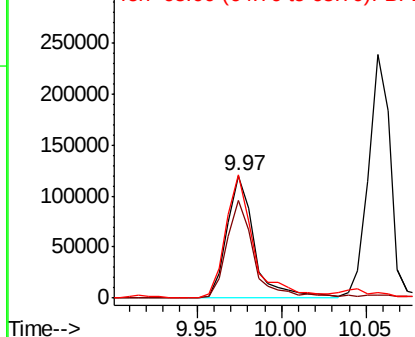


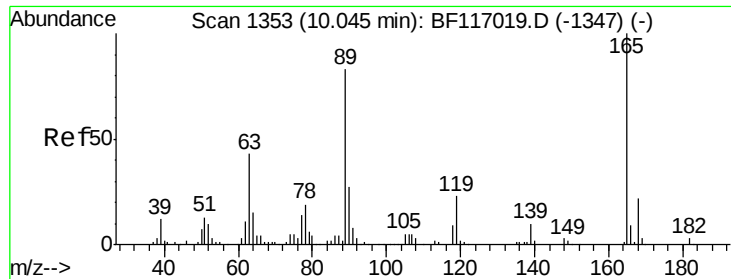
#56
4-Nitrophenol
Concen: 83.075 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion:139 Resp: 135436
Ion Ratio Lower Upper
139 100
109 79.9 56.4 96.4
65 101.0 82.5 122.5



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

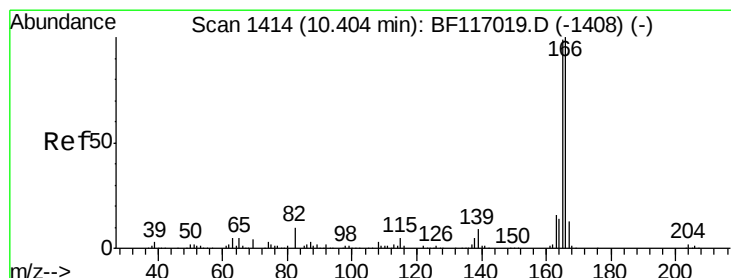
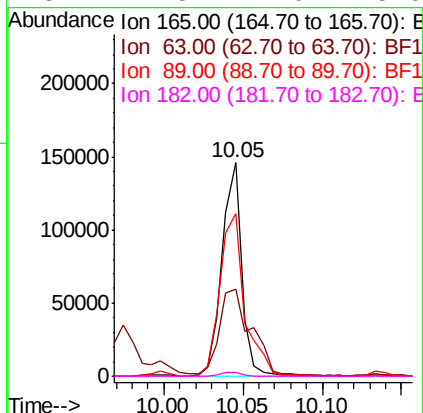
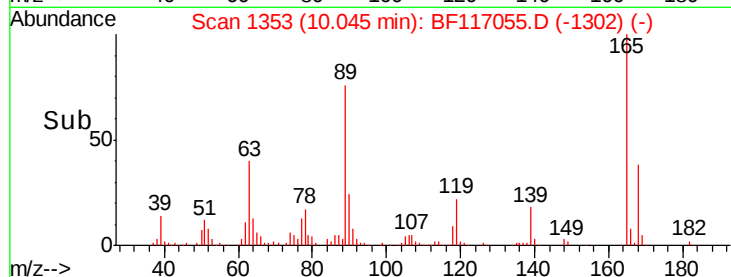
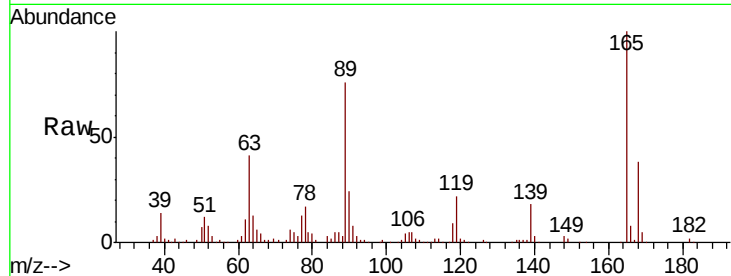




#57
2,4-Dinitrotoluene
Concen: 48.921 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

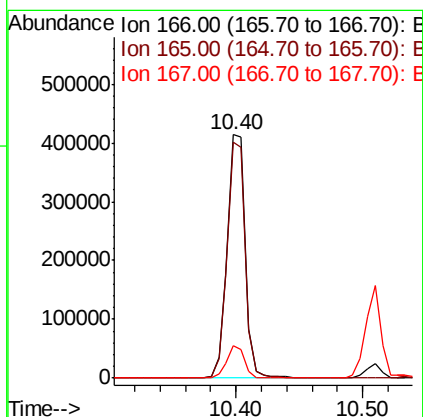
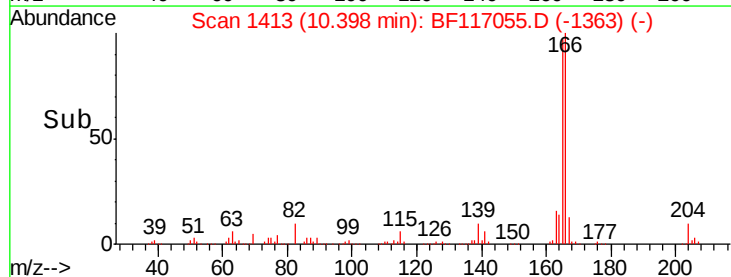
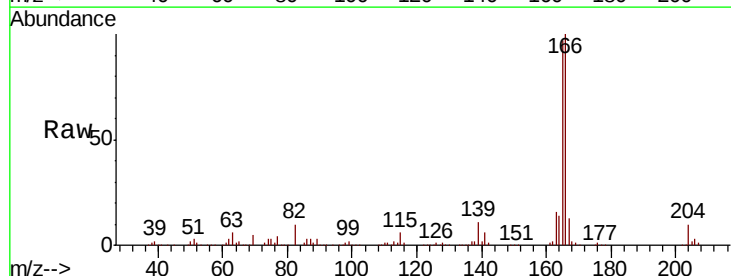
Instrument :
BNA_F
ClientSampleId :

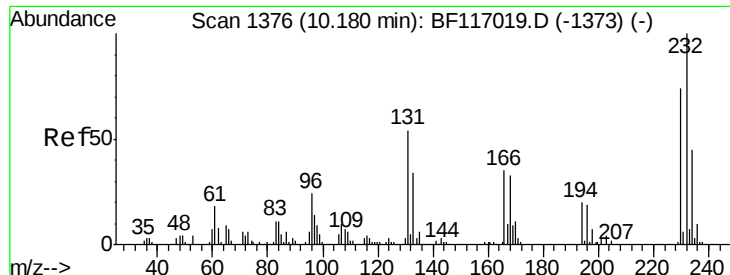
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	35.0	52.4
89	76.1	66.1	99.1
182	1.8	2.0	3.0



#58
Fluorene
Concen: 44.963 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.9	118.3
167	13.5	10.6	15.8

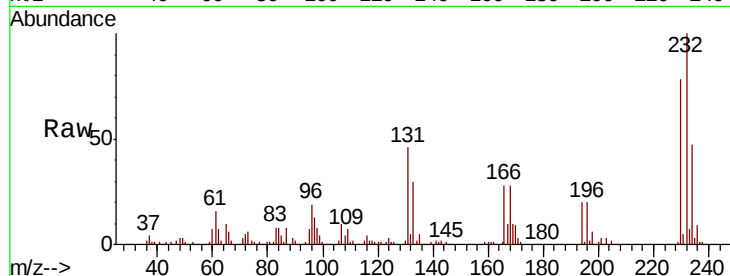




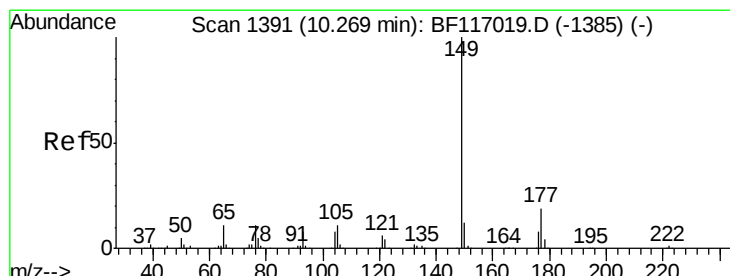
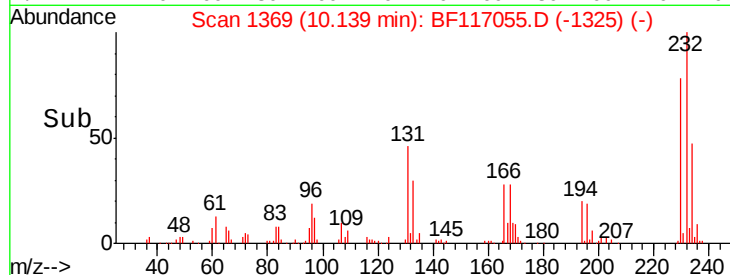
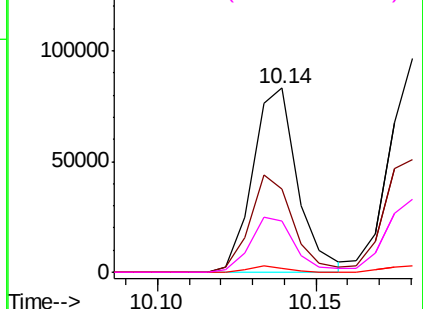
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.202 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.04 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 81614
Ion Ratio Lower Upper
232 100
131 51.5 45.3 67.9
130 2.7 1.8 2.8
166 30.3 29.4 44.2

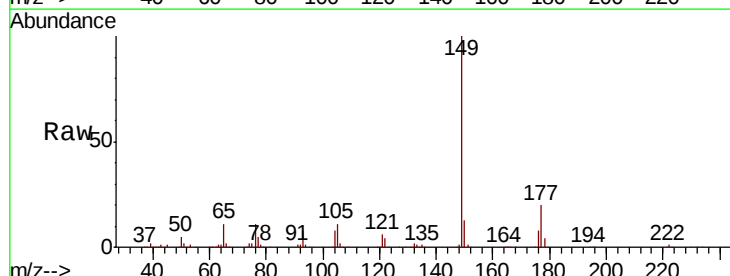


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

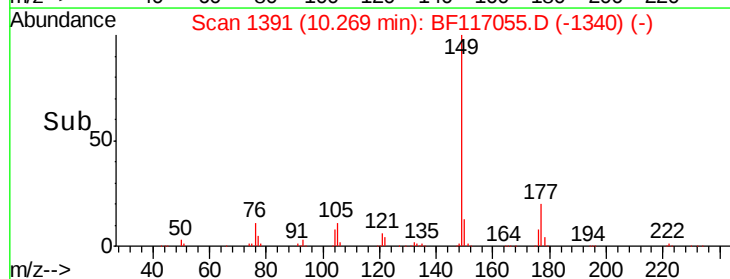
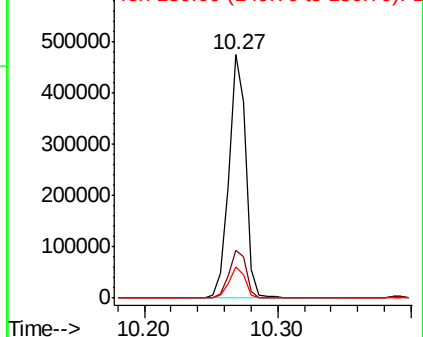


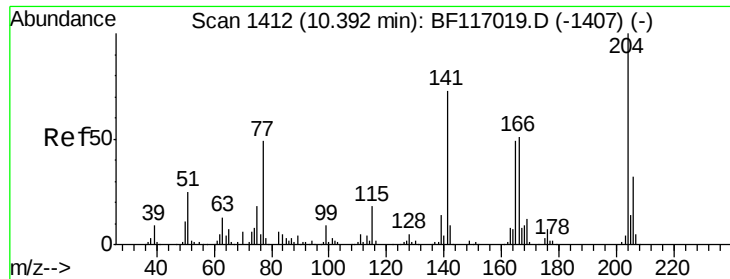
#60
Diethylphthalate
Concen: 44.076 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion:149 Resp: 424481
Ion Ratio Lower Upper
149 100
177 19.8 15.2 22.8
150 12.7 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

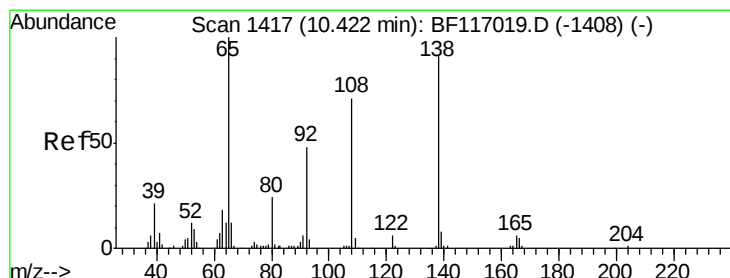
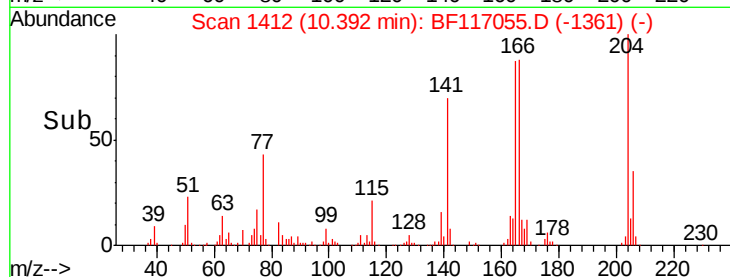
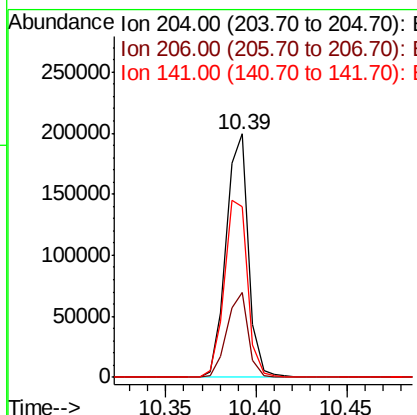
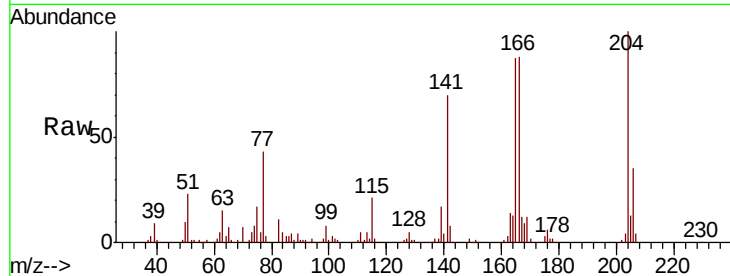




#61
 4-Chlorophenyl-phenylether
 Concen: 43.937 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

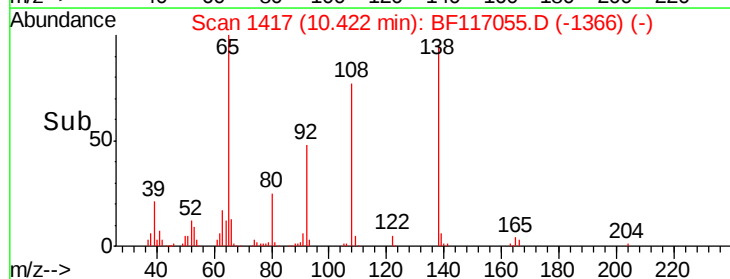
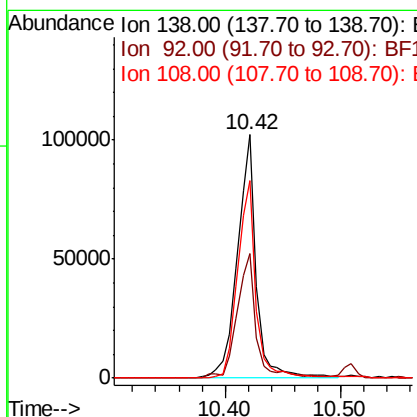
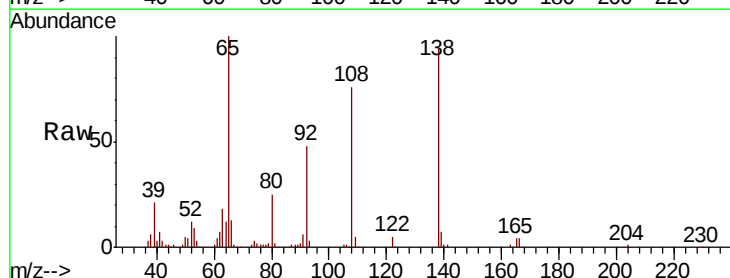
Instrument :
 BNA_F
 ClientSampled :

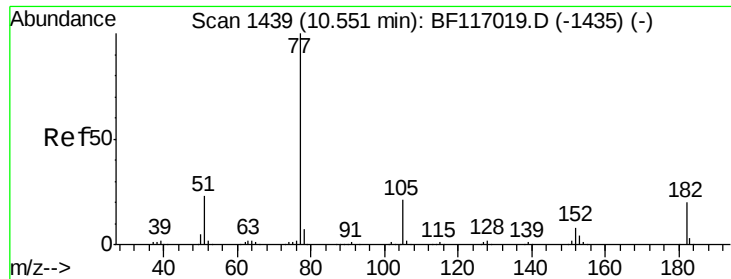
Tot Ion:	204	Resp:	171717
Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.0	39.0
141	69.9	58.2	87.2



#62
 4-Nitroaniline
 Concen: 44.421 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Tgt Ion:	138	Resp:	116204
Ion	Ratio	Lower	Upper
138	100		
92	50.9	32.9	72.9
108	81.3	58.3	98.3





#63

Azobenzene

Concen: 45.264 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 445225

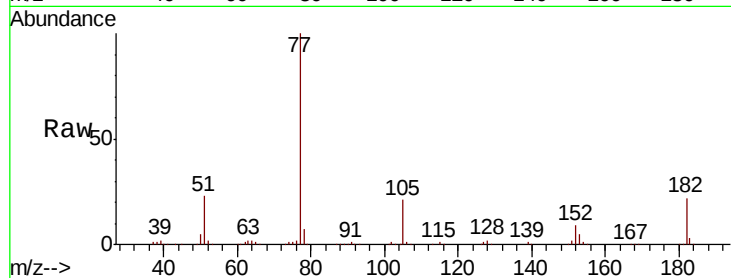
Ion Ratio Lower Upper

77 100

182 22.2 0.4 40.4

105 21.4 0.9 40.9

51 23.2 2.8 42.8

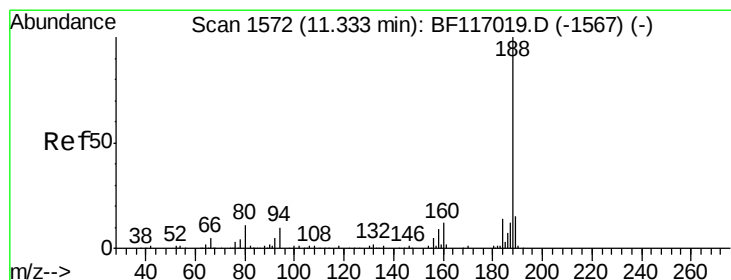
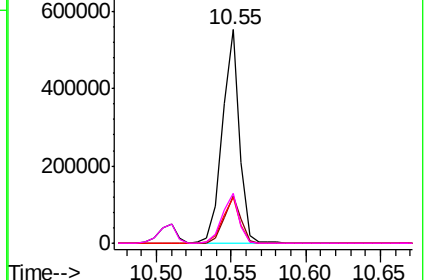
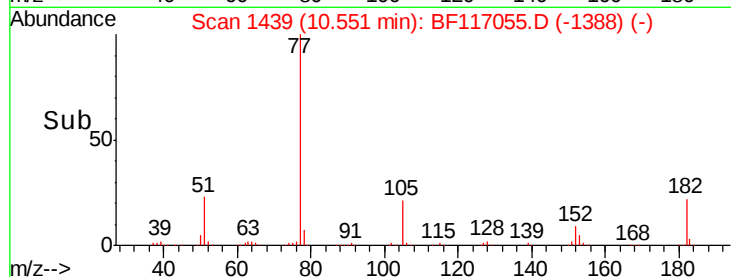


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF117055.D

Acq: 16 Sep 2019 11:44

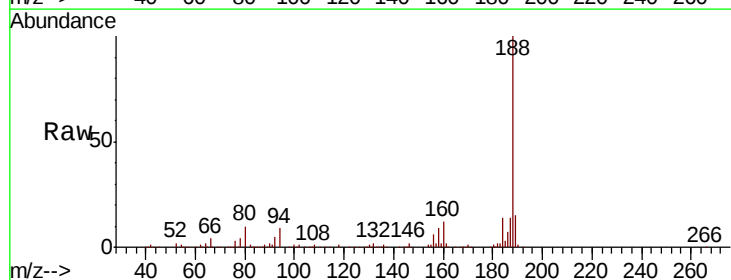
Tgt Ion: 188 Resp: 230876

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

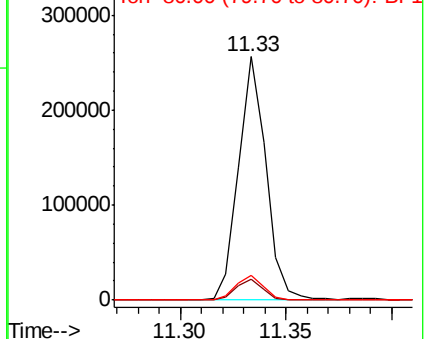
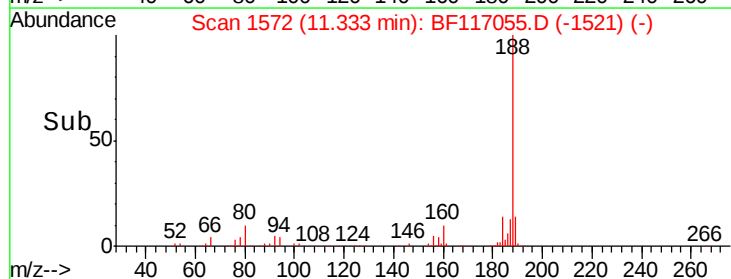
80 10.4 9.0 13.6

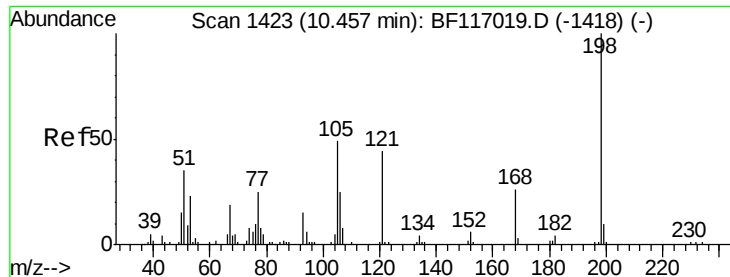


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 38.532 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

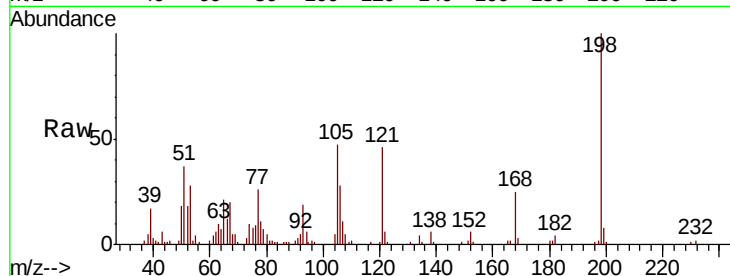
Tot Ion:198 Resp: 38862

Ion Ratio Lower Upper

198 100

51 37.3 18.7 58.7

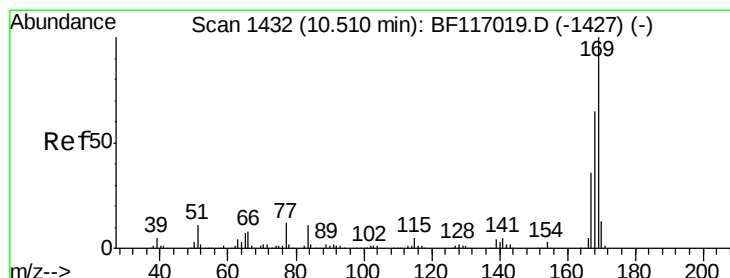
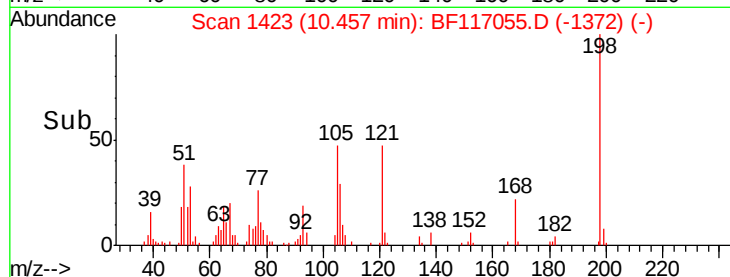
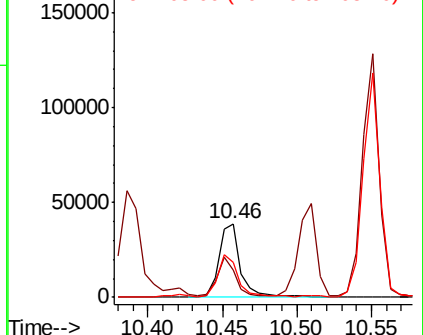
105 46.8 30.2 70.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.342 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

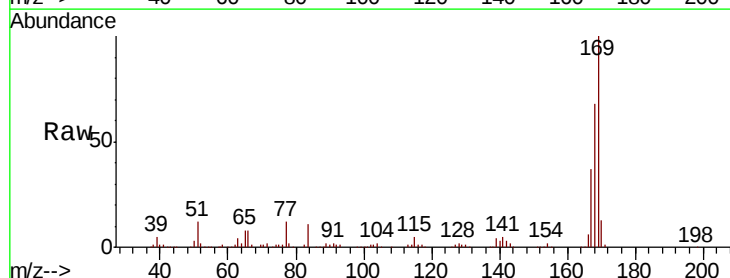
Tgt Ion:169 Resp: 353562

Ion Ratio Lower Upper

169 100

168 68.3 52.2 78.2

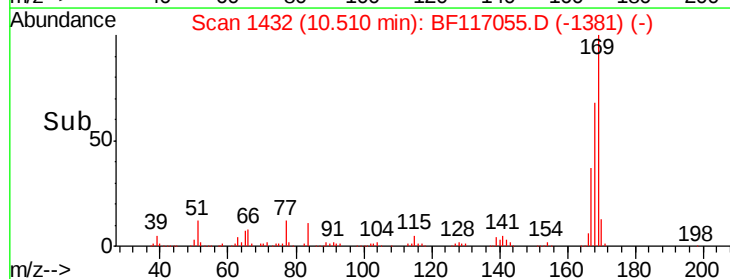
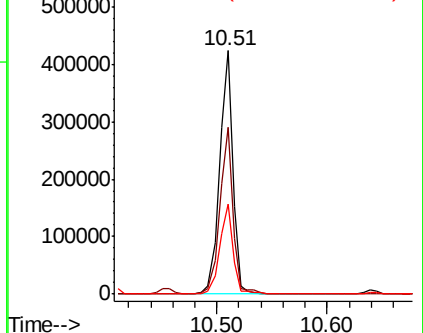
167 37.0 28.8 43.2

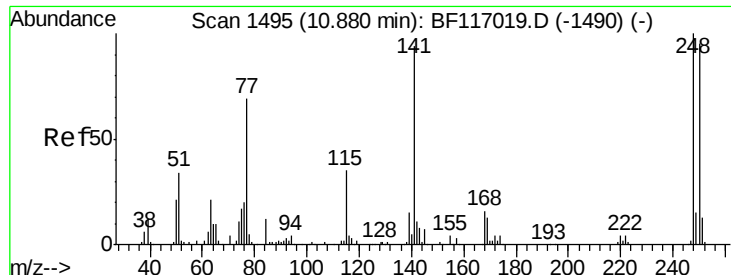


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

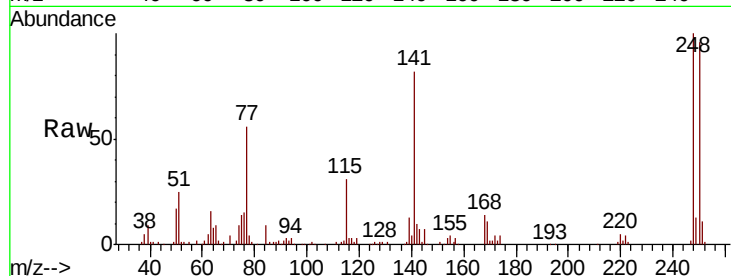




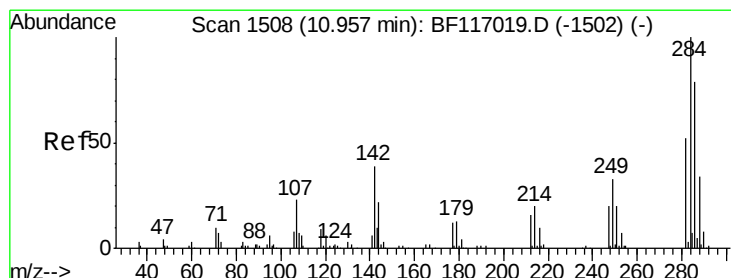
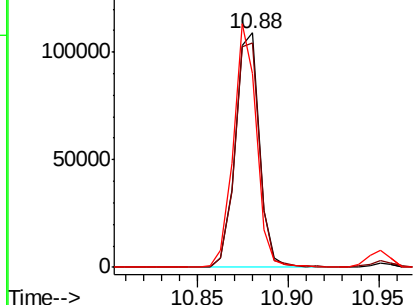
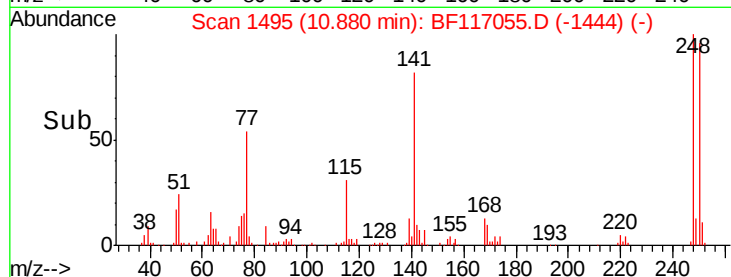
#67
 4-Bromophenyl-phenylether
 Concen: 42.812 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.2	114.4
141	82.5	75.0	112.4

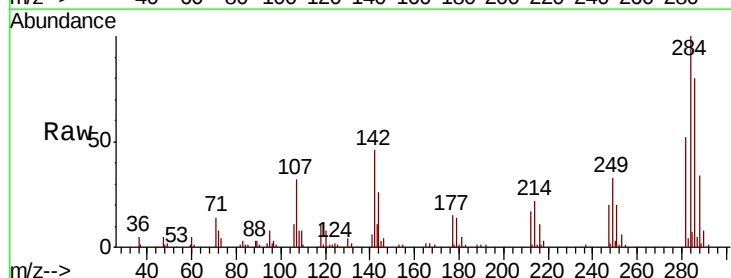


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

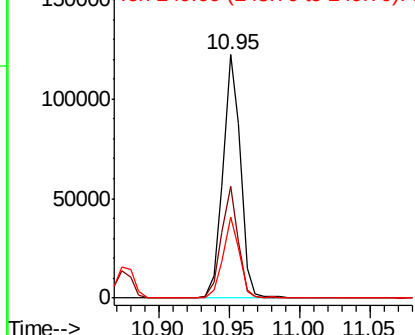
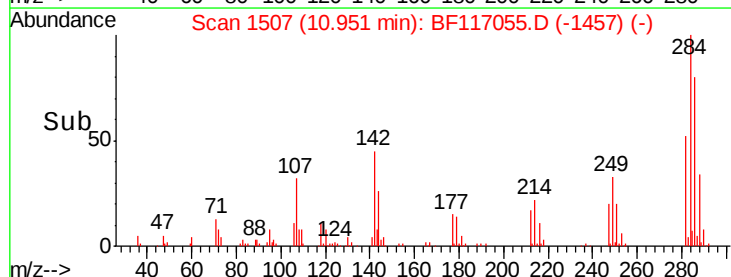


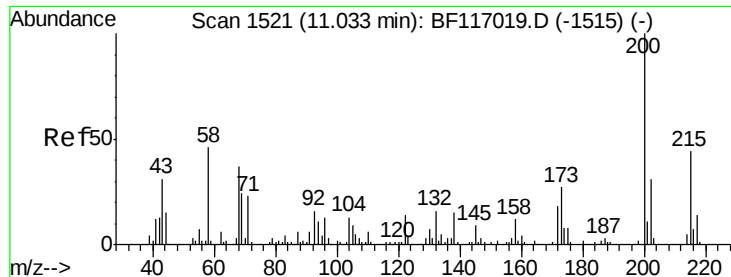
#68
 Hexachlorobenzene
 Concen: 41.047 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.7	31.4	47.2
249	33.3	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: 50.979 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampled :

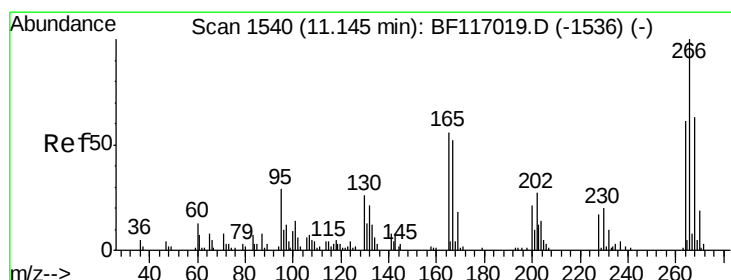
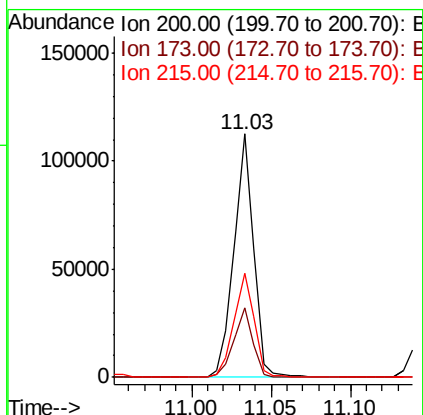
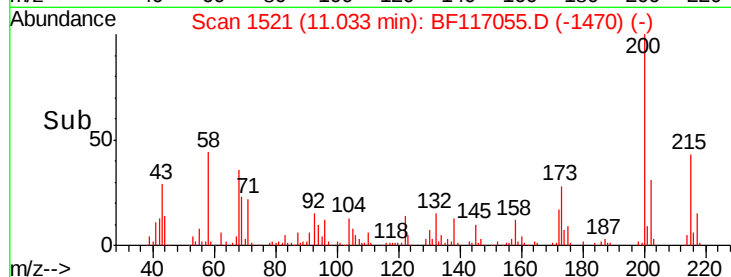
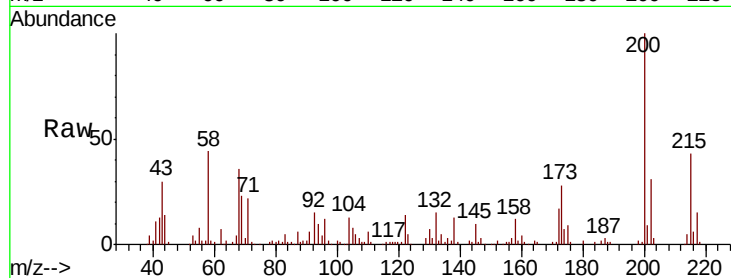
Tot Ion:200 Resp: 97593

Ion Ratio Lower Upper

200 100

173 28.4 6.9 46.9

215 42.8 23.8 63.8



#70

Pentachlorophenol

Concen: 96.926 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

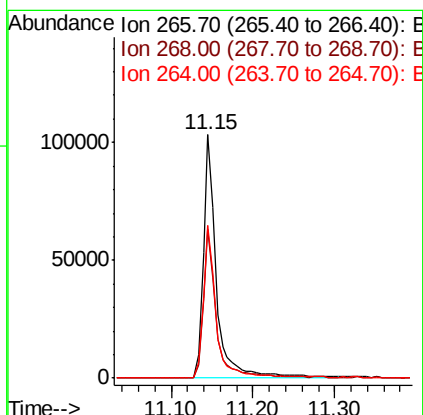
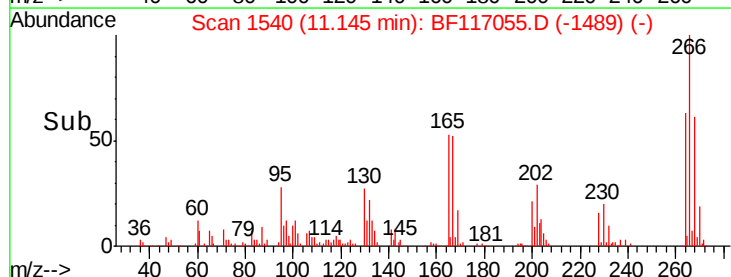
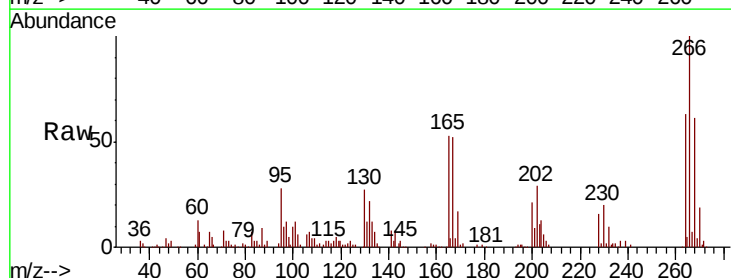
Tgt Ion:266 Resp: 117168

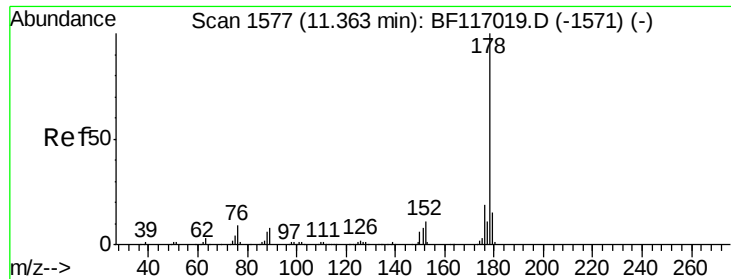
Ion Ratio Lower Upper

266 100

268 61.4 50.5 75.7

264 62.9 48.8 73.2

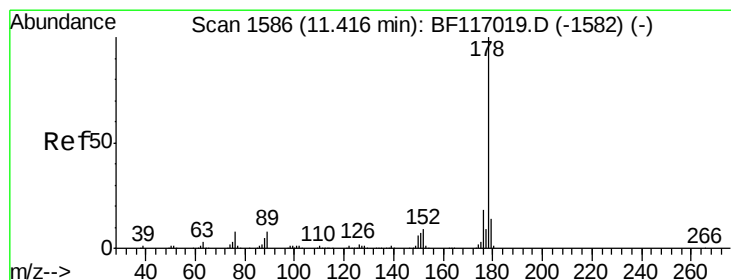
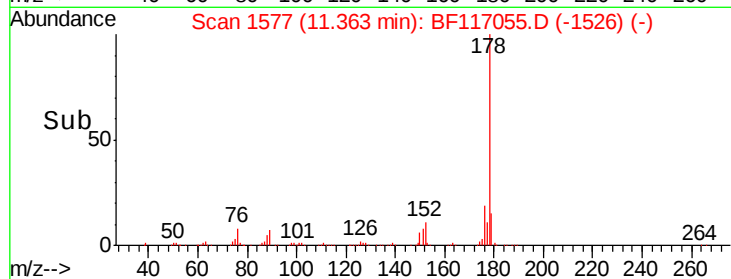
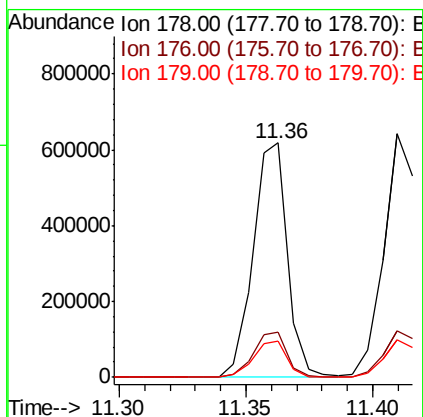
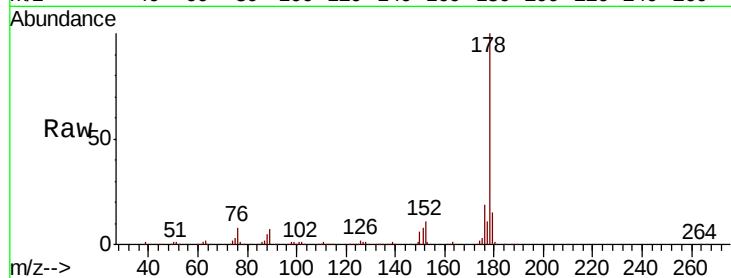




#71
Phenanthrene
Concen: 44.371 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

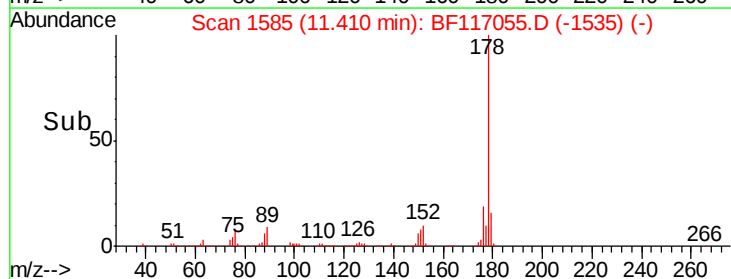
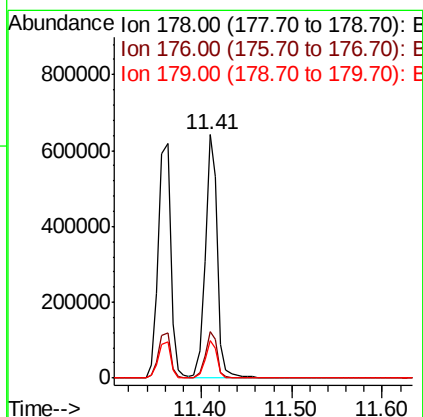
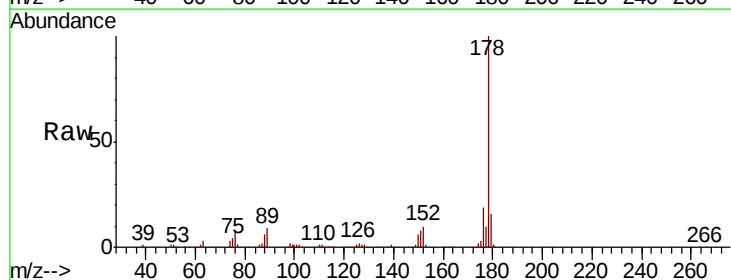
Instrument :
BNA_F
ClientSampleId :

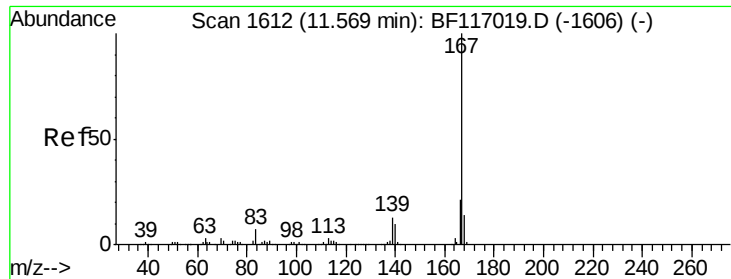
Tot Ion:178 Resp: 581866
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.3 12.4 18.6



#72
Anthracene
Concen: 45.282 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion:178 Resp: 606244
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 15.7 11.6 17.4

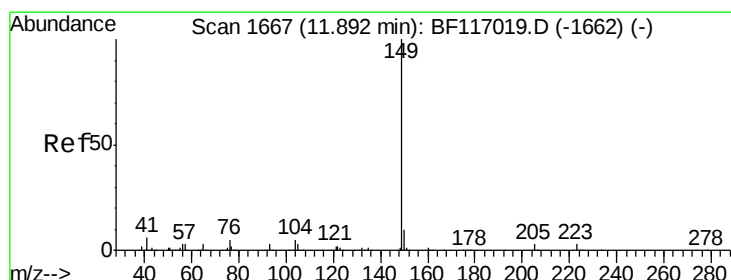
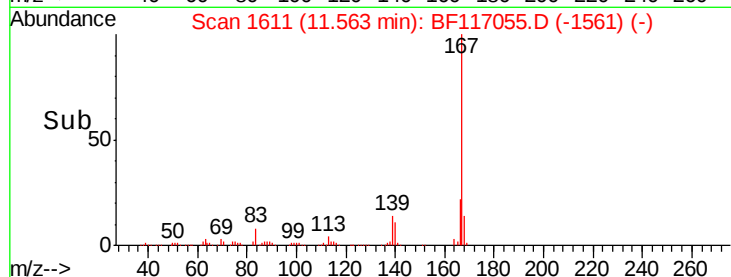
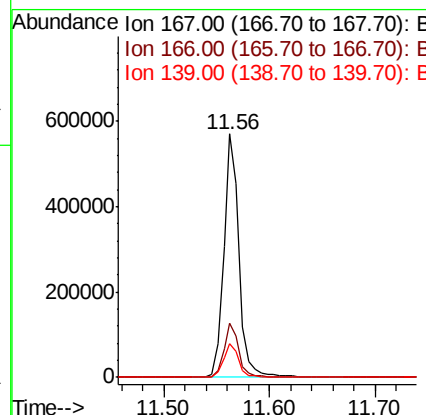
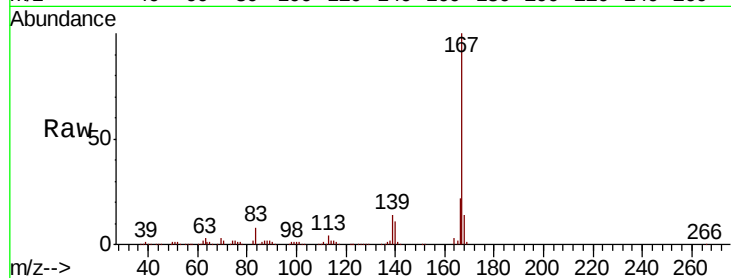




#73
 Carbazole
 Concen: 45.471 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

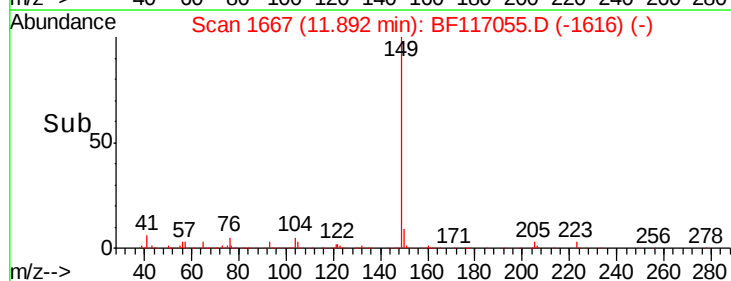
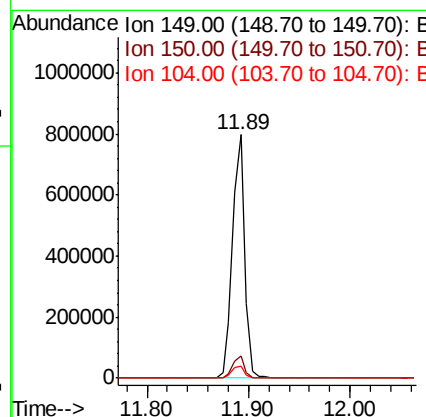
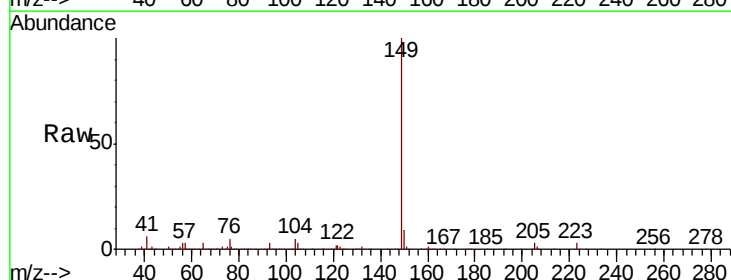
Instrument :
 BNA_F
 ClientSampleId :

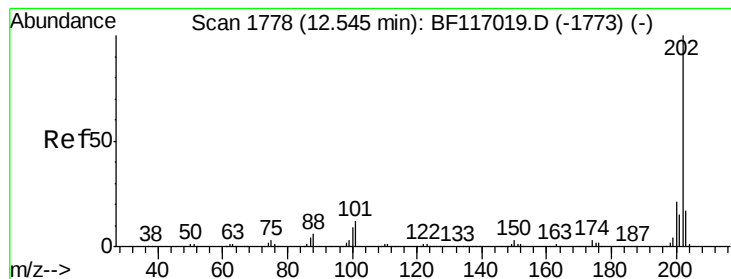
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.2	25.8
139	14.0	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 44.351 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 44.713 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

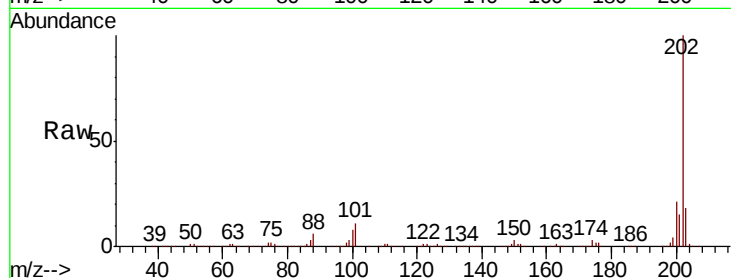
Tot Ion:202 Resp: 602474

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.3

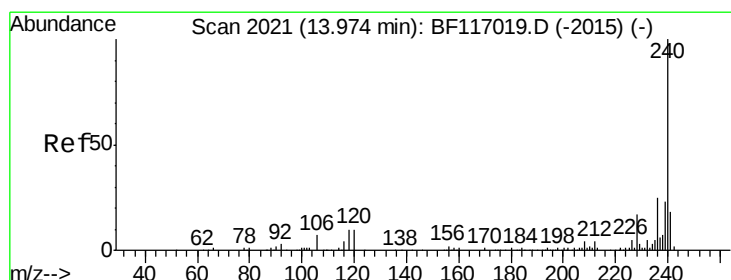
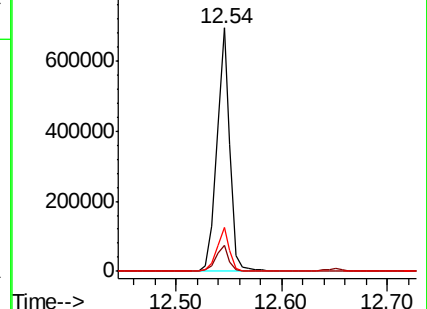
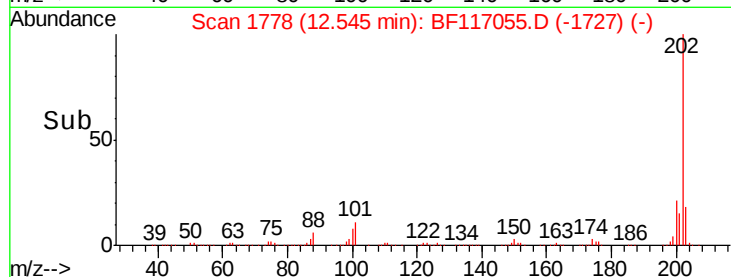
203 17.8 0.0 37.1



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: BF117055.D

Acq: 16 Sep 2019 11:44

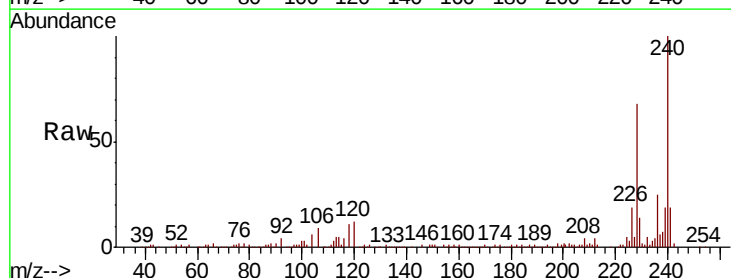
Tgt Ion:240 Resp: 168564

Ion Ratio Lower Upper

240 100

120 11.8 8.3 12.5

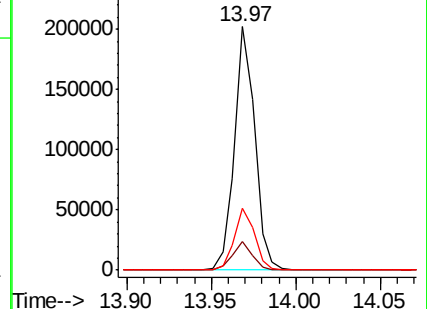
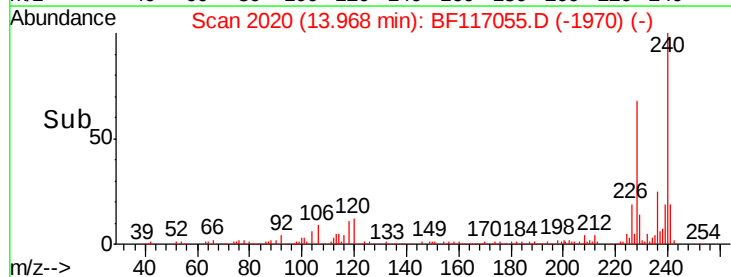
236 25.5 20.3 30.5

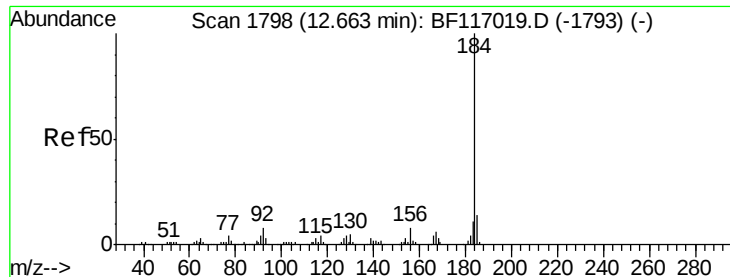


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.831 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

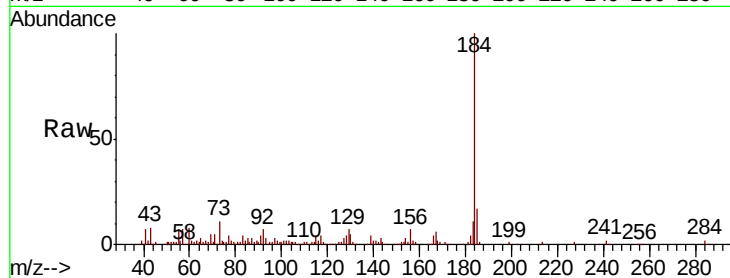
Tot Ion:184 Resp: 172836

Ion Ratio Lower Upper

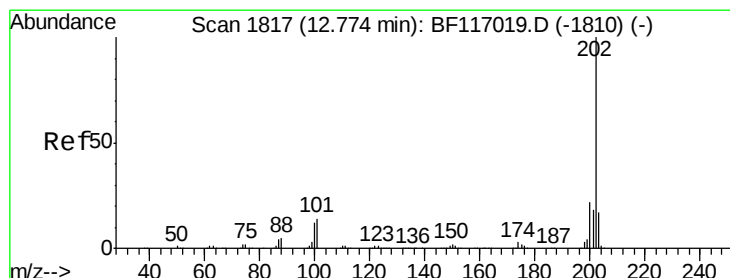
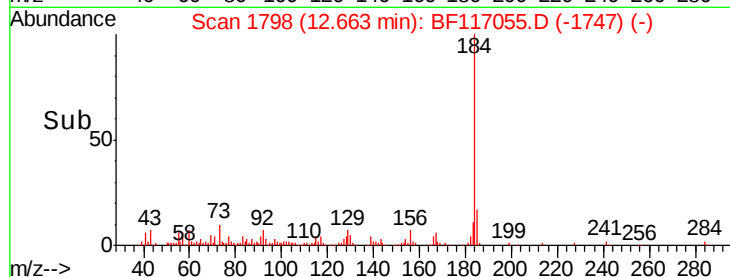
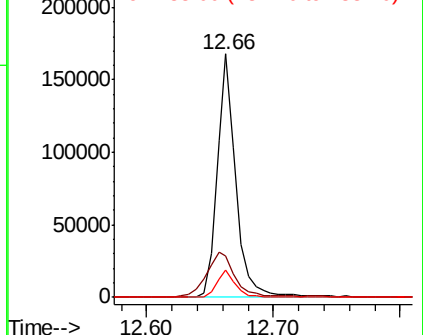
184 100

185 16.8 11.6 17.4

183 11.3 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: 42.932 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

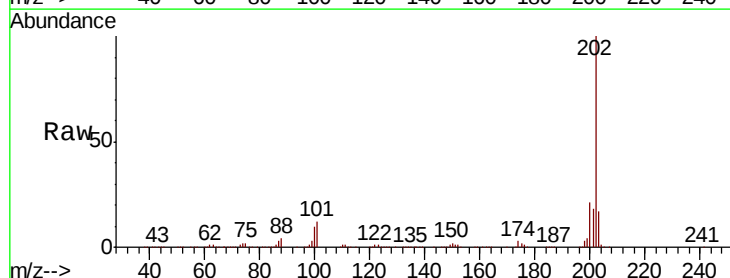
Tgt Ion:202 Resp: 607221

Ion Ratio Lower Upper

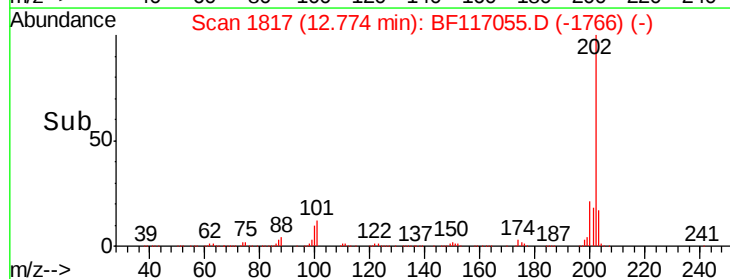
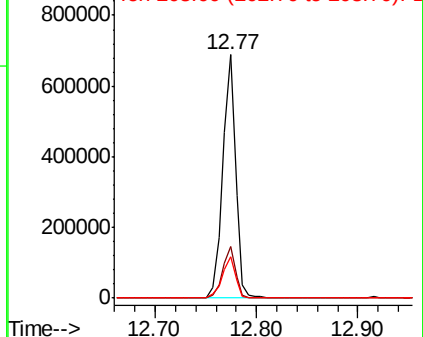
202 100

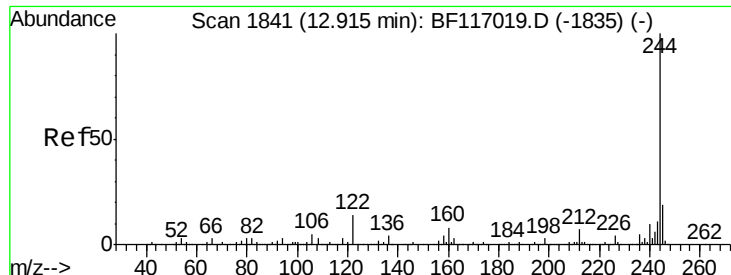
200 21.4 17.2 25.8

203 16.9 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

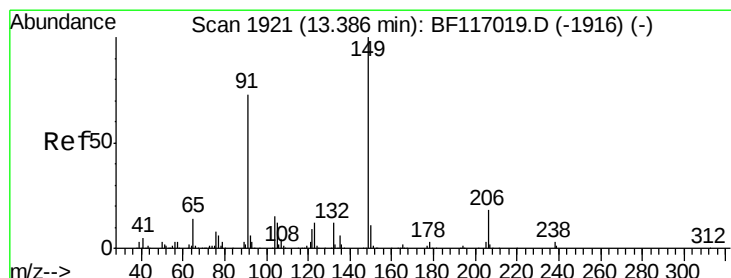
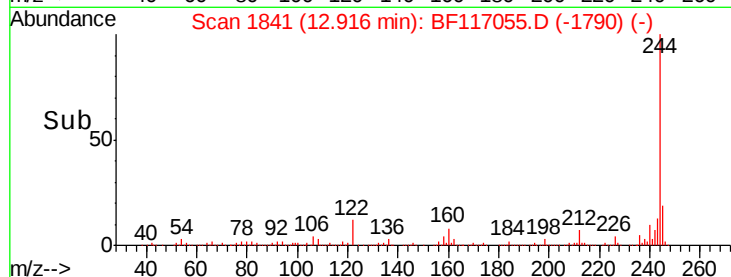
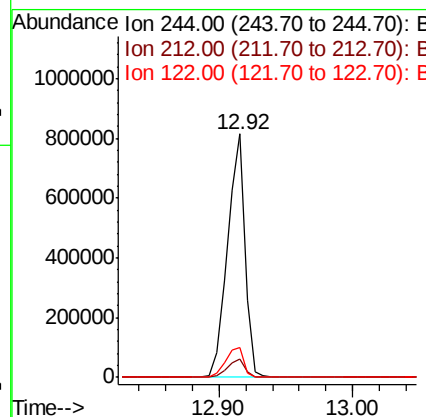
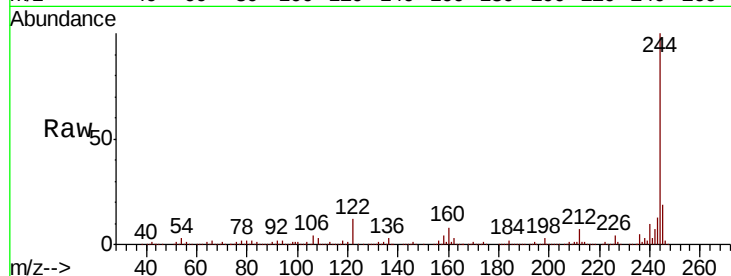




#79
 Terphenyl-d14
 Concen: 84.062 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

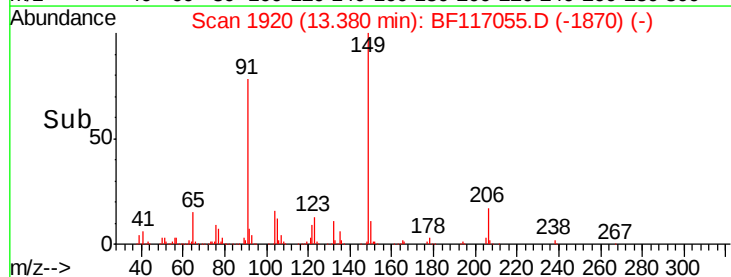
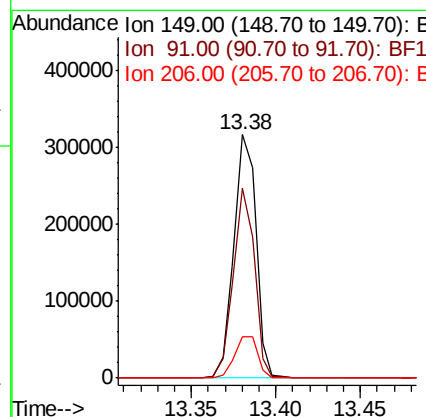
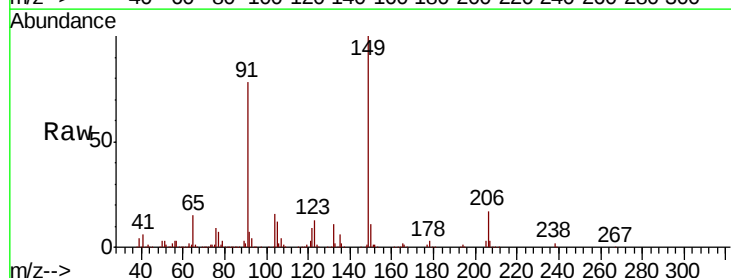
Instrument :
 BNA_F
 ClientSampled :

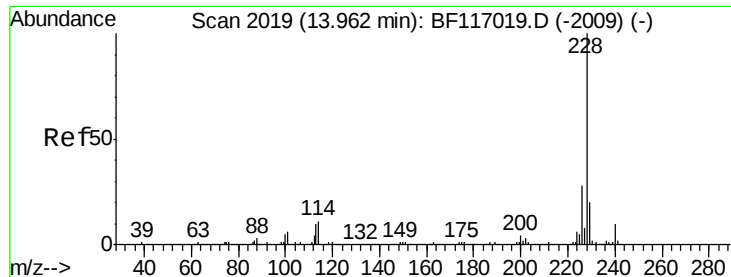
Tot Ion:244 Resp: 758056
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 12.4 11.3 16.9



#80
 Butylbenzylphthalate
 Concen: 43.340 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Tgt Ion:149 Resp: 289652
 Ion Ratio Lower Upper
 149 100
 91 77.9 58.8 88.2
 206 16.8 14.1 21.1





#81

Benzo(a)anthracene

Concen: 43.642 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

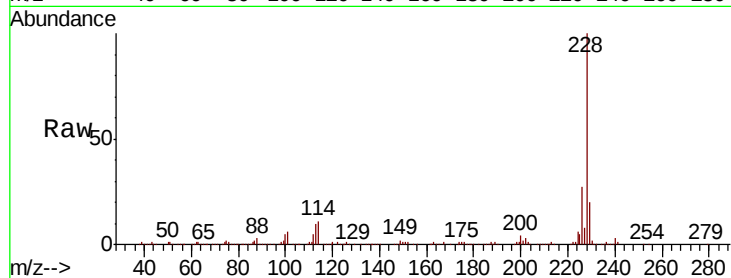
Tot Ion:228 Resp: 491492

Ion Ratio Lower Upper

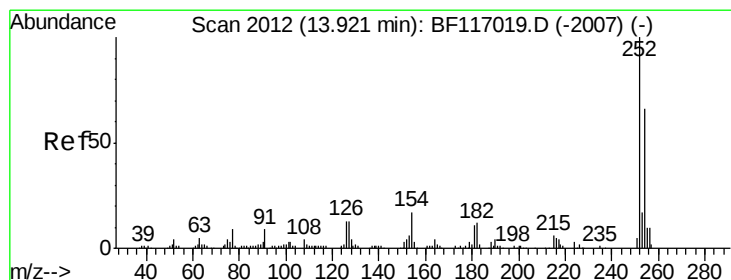
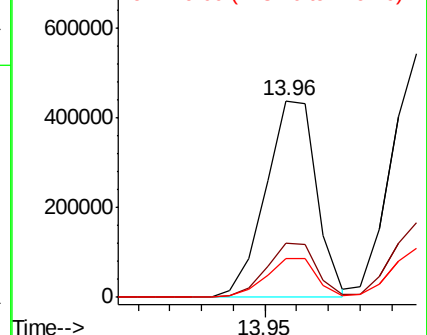
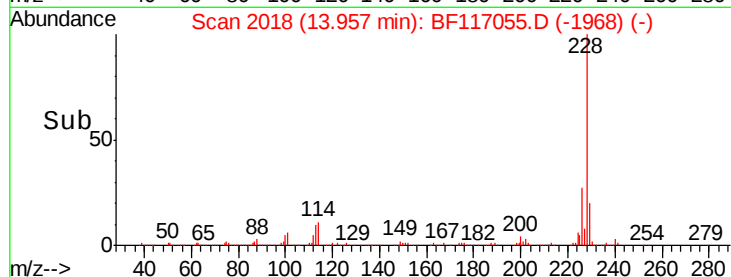
228 100

226 27.4 22.3 33.5

229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.452 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

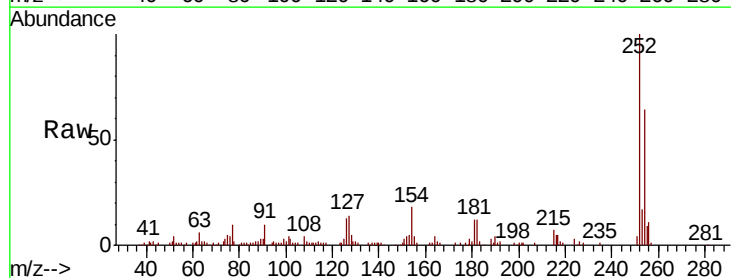
Tgt Ion:252 Resp: 88738

Ion Ratio Lower Upper

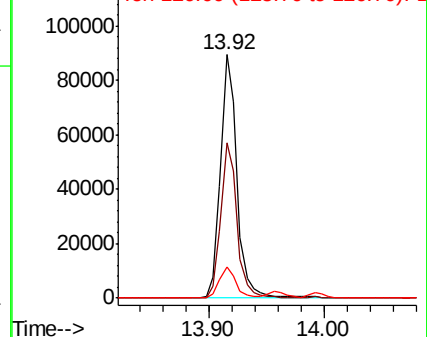
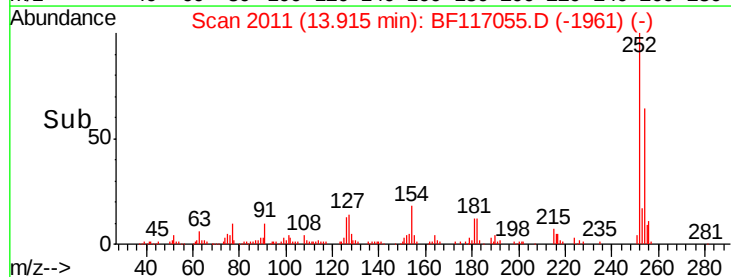
252 100

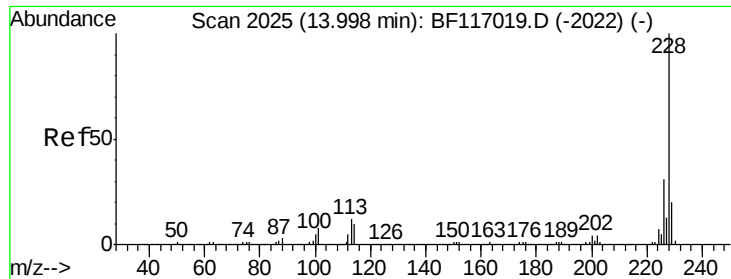
254 63.5 52.6 79.0

126 12.8 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: 44.652 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

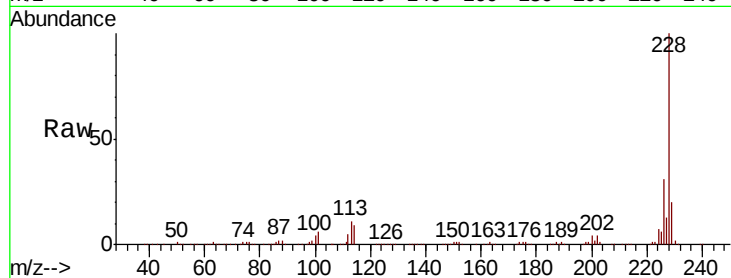
Tot Ion:228 Resp: 490465

Ion Ratio Lower Upper

228 100

226 30.9 24.8 37.2

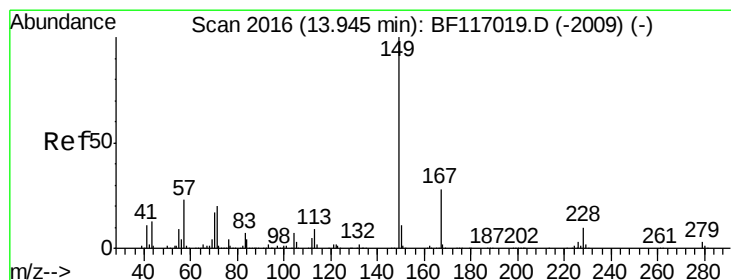
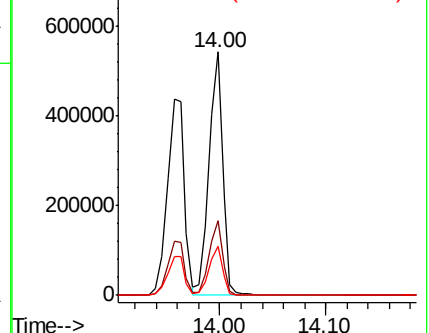
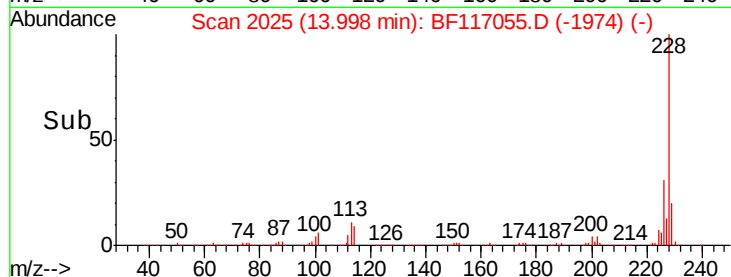
229 19.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.423 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

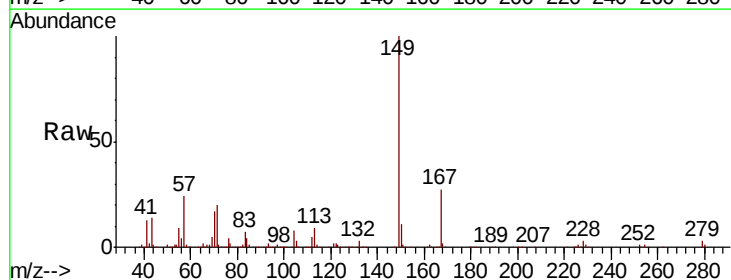
Tgt Ion:149 Resp: 391408

Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.2

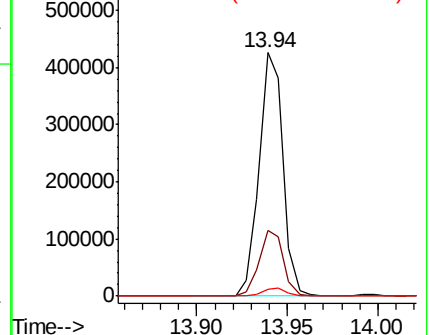
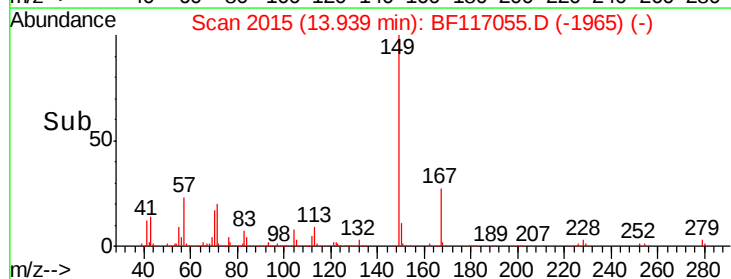
279 2.8 2.8 4.2#

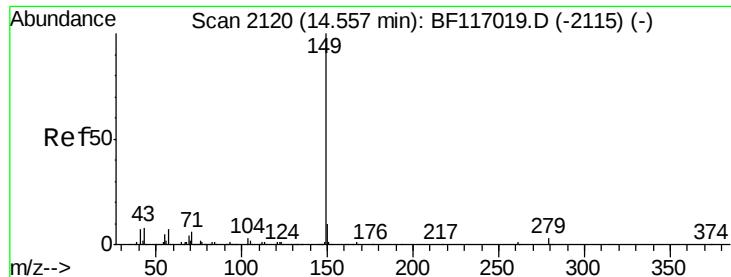


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.482 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

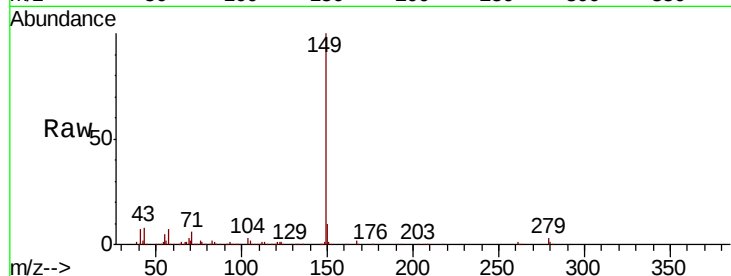
Tot Ion:149 Resp: 643976

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

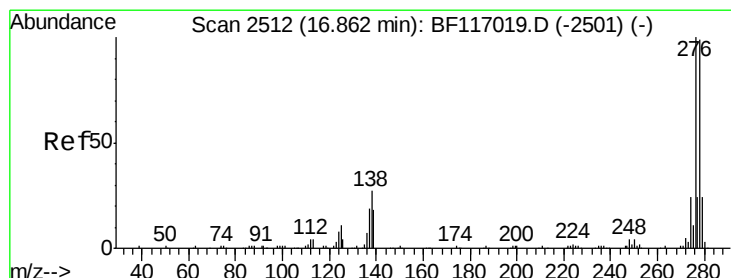
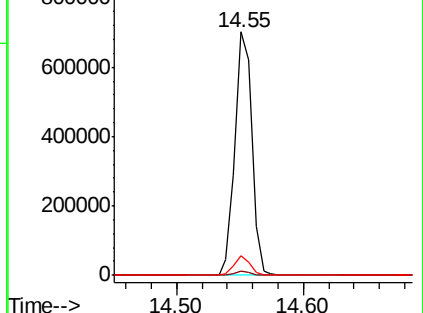
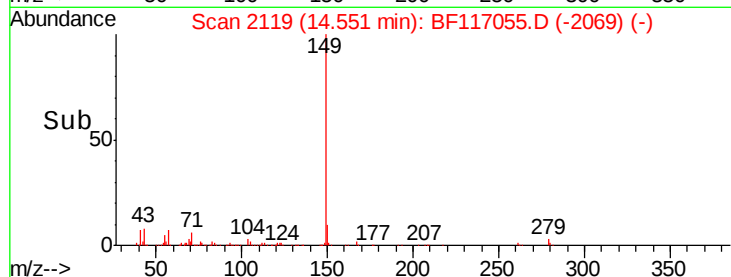
43 7.4 6.2 9.4



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: 48.196 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

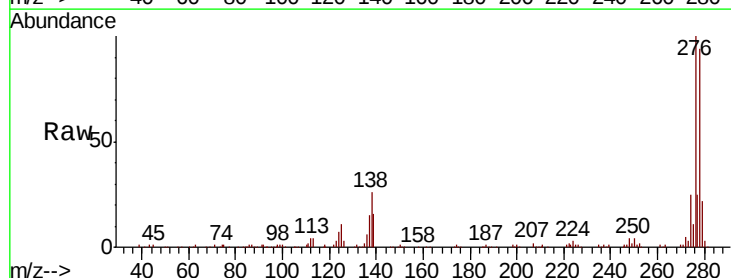
Tgt Ion:276 Resp: 386222

Ion Ratio Lower Upper

276 100

138 23.7 20.7 31.1

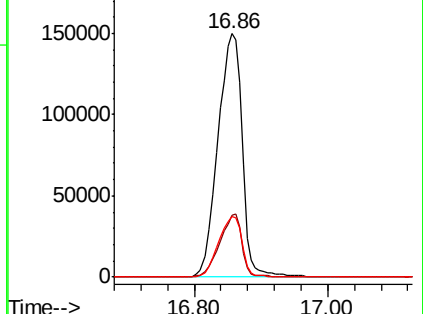
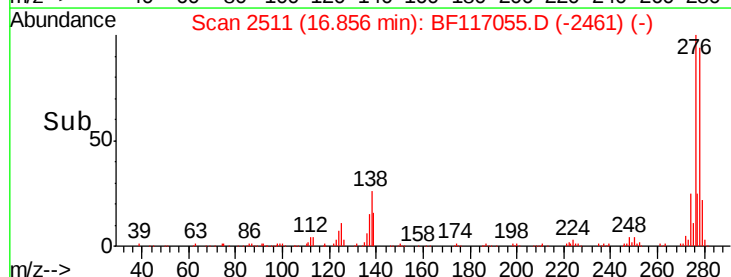
277 24.3 19.8 29.8

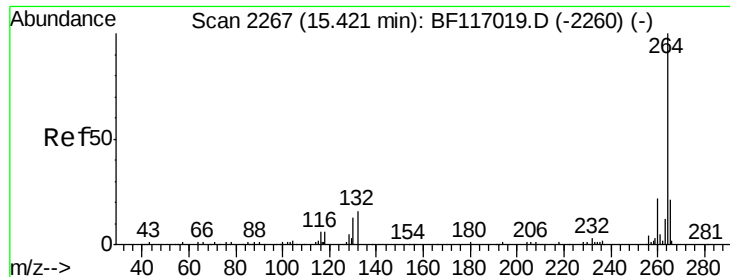


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

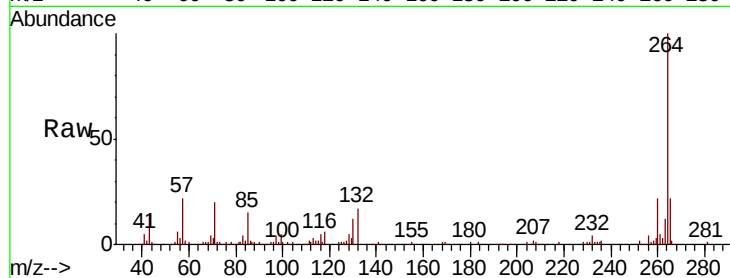




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.6	26.4
265	22.5	16.6	24.8

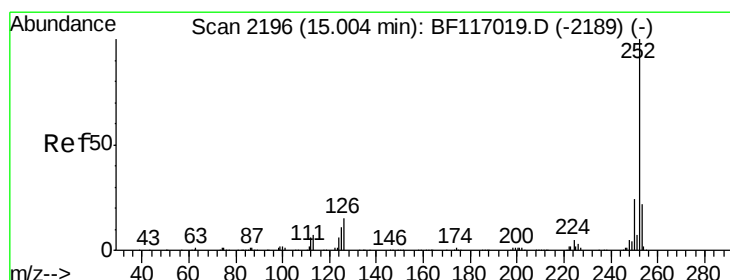
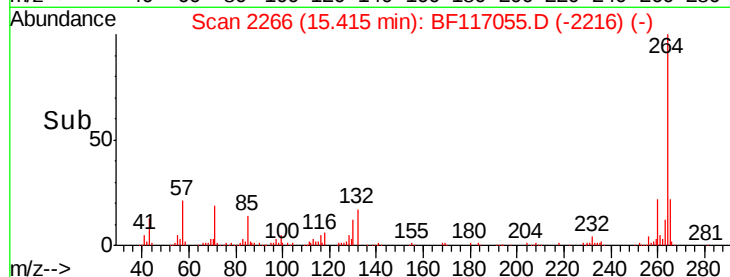
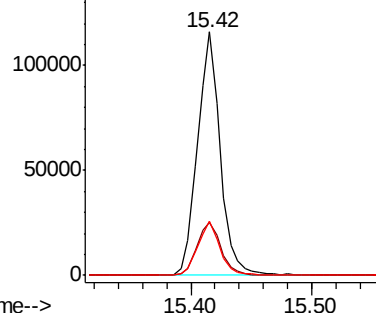


Abundance

Ion 264.00 (263.70 to 264.70): E

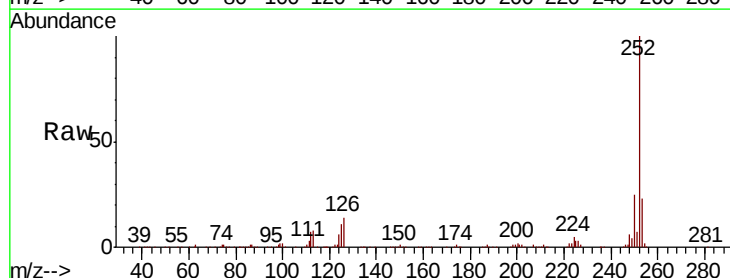
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 46.371 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.8	8.6	12.8

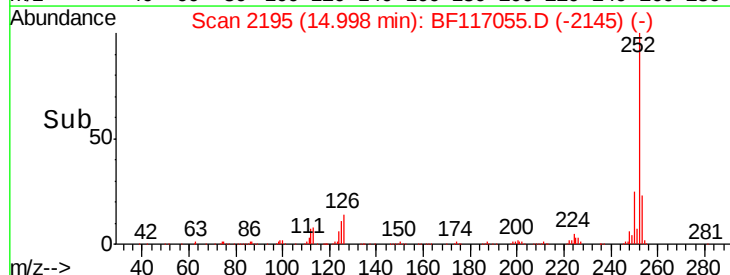
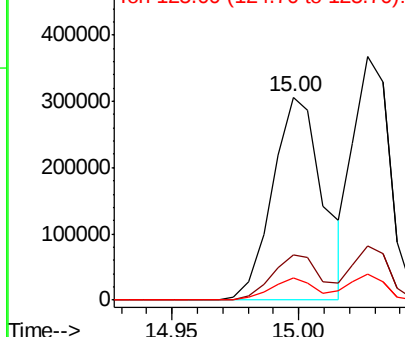


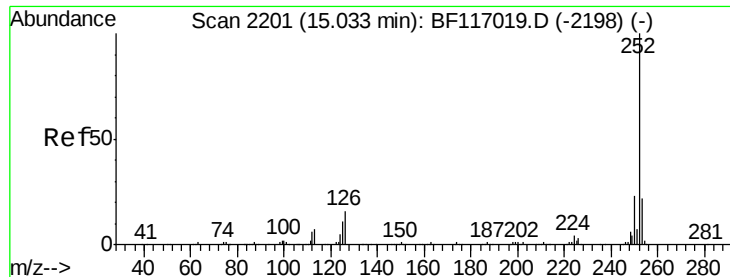
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

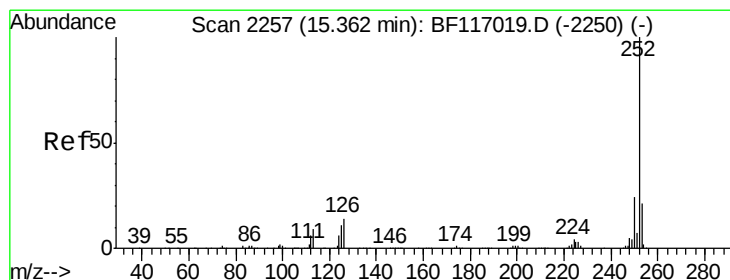
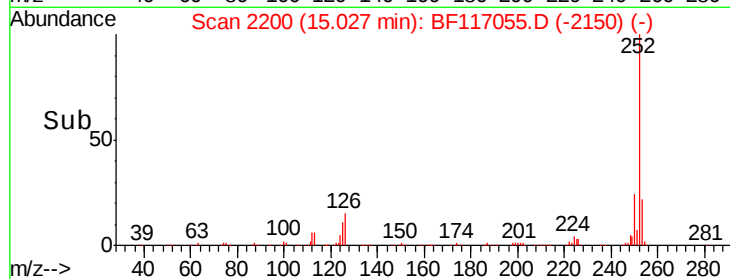
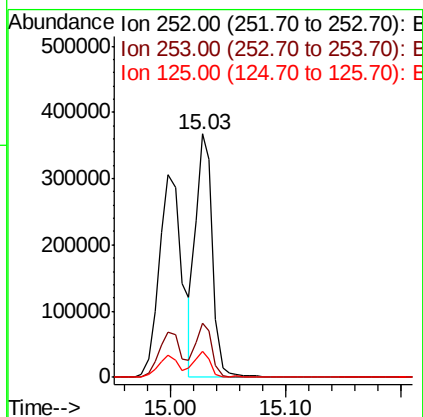
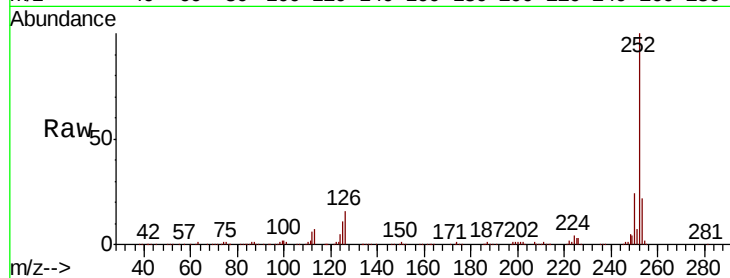




#89
Benzo(k)fluoranthene
Concen: 42.837 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

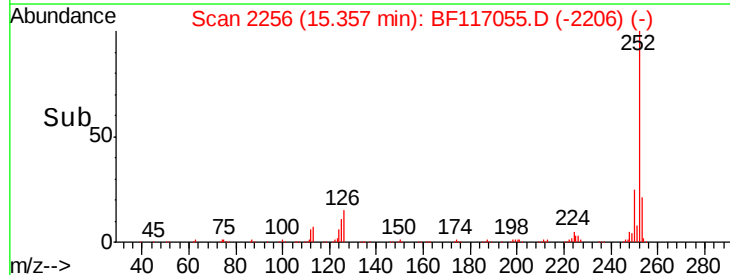
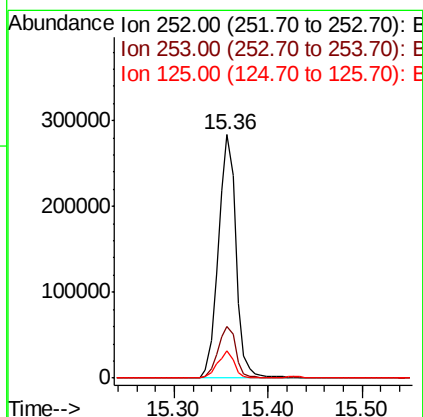
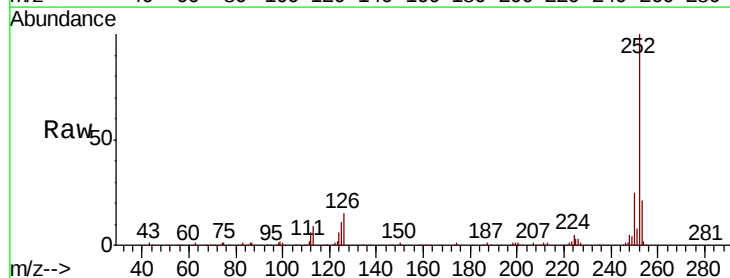
Instrument :
BNA_F
ClientSampleId :

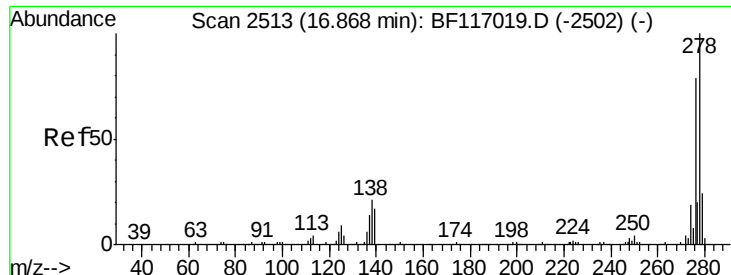
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	10.9	8.8	13.2



#90
Benzo(a)pyrene
Concen: 46.619 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.6	25.0
125	11.3	8.9	13.3

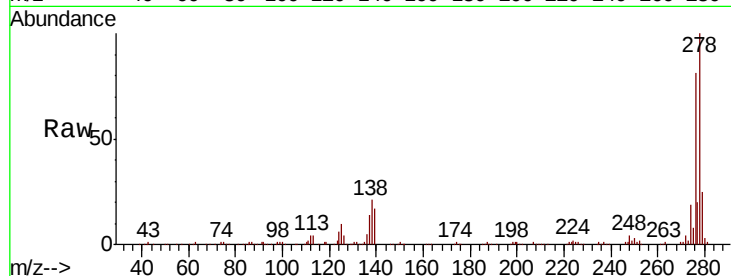




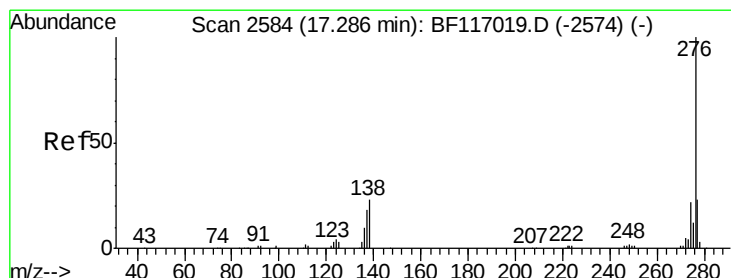
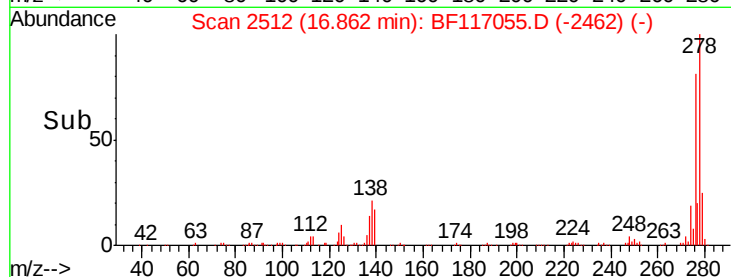
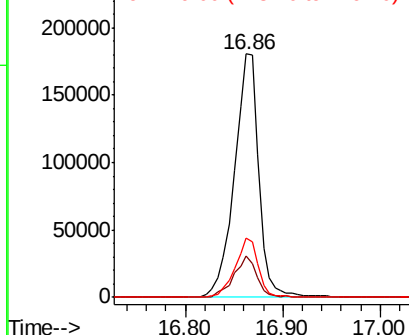
#91
Dibenzo(a,h)anthracene
Concen: 48.930 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.5	20.3
279	24.6	18.8	28.2

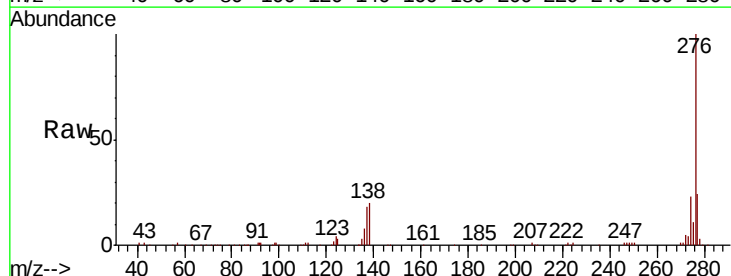


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.419 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	19.7	18.0	27.0



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

