

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117109.D
 Acq On : 17 Sep 2019 16:24
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:50:41 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	78816	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	331574	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	173749	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	285872	20.00	ng	0.00
76) Chrysene-d12	13.97	240	194755	20.00	ng	0.00
87) Perylene-d12	15.42	264	152544	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	356119	70.54	ng	0.00
7) Phenol-d6	6.47	99	493418	75.63	ng	0.01
23) Nitrobenzene-d5	7.39	82	481286	76.27	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	115685	79.66	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	850691	76.55	ng	0.00
79) Terphenyl-d14	12.92	244	827474	79.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	65199	30.864	ng	97
3) Pyridine	3.32	79	165033	28.543	ng	95
4) n-Nitrosodimethylamine	3.25	42	39519	19.917	ng	97
6) Aniline	6.49	93	315075	37.509	ng	# 86
8) 2-Chlorophenol	6.62	128	206973	38.004	ng	96
9) Benzaldehyde	6.37	77	137857	42.996	ng	97
10) Phenol	6.48	94	268375	37.314	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	201749	38.166	ng	100
12) 1,3-Dichlorobenzene	6.77	146	233597	38.224	ng	96
13) 1,4-Dichlorobenzene	6.84	146	238704	38.275	ng	99
14) 1,2-Dichlorobenzene	7.00	146	221032	38.066	ng	99
15) Benzyl Alcohol	6.97	79	194622	38.900	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	196934	37.708	ng	88
17) 2-Methylphenol	7.09	107	171723	37.623	ng	95
18) Hexachloroethane	7.33	117	91434	38.110	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	156989	39.516	ng	94
20) 3+4-Methylphenols	7.24	107	218327	38.402	ng	# 87
22) Acetophenone	7.23	105	317830	37.728	ng	# 98
24) Nitrobenzene	7.41	77	234395	37.612	ng	95
25) Isophorone	7.65	82	428899	38.386	ng	99
26) 2-Nitrophenol	7.72	139	110160	41.153	ng	96
27) 2,4-Dimethylphenol	7.76	122	160688	37.854	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	262671	38.156	ng	99
29) 2,4-Dichlorophenol	7.97	162	171057	38.458	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	181741	37.820	ng	100
31) Naphthalene	8.13	128	603299	37.832	ng	99
32) Benzoic acid	7.90	122	115248	37.610	ng	95
33) 4-Chloroaniline	8.17	127	265971	37.604	ng	99
34) Hexachlorobutadiene	8.25	225	107555	39.450	ng	97
35) Caprolactam	8.55	113	58054	38.561	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	200279	38.617	ng	98
37) 2-Methylnaphthalene	8.82	142	417970	38.923	ng	98
38) 1-Methylnaphthalene	8.92	142	390445	38.822	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	169513	37.782	ng	99

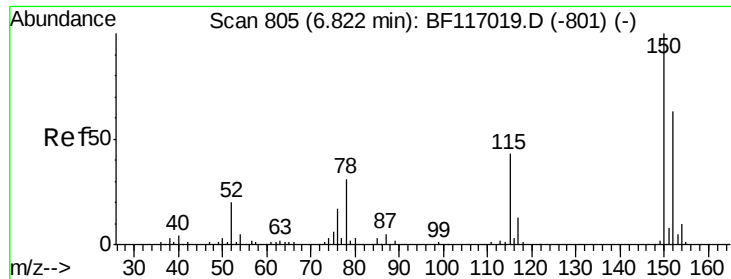
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117109.D
 Acq On : 17 Sep 2019 16:24
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Sep 18 03:50:41 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)
41) Hexachlorocyclopentadiene	8.97	237	81178	44.765	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	115286	37.863	ng	96
44) 2,4,5-Trichlorophenol	9.14	196	119295	36.671	ng	97
46) 1,1'-Biphenyl	9.28	154	519752	38.136	ng	98
47) 2-Chloronaphthalene	9.30	162	404970	37.650	ng	100
48) 2-Nitroaniline	9.40	65	134778	39.066	ng	96
49) Acenaphthylene	9.72	152	614592	38.142	ng	99
50) Dimethylphthalate	9.57	163	475875	38.682	ng	100
51) 2,6-Dinitrotoluene	9.64	165	100491	40.107	ng	89
52) Acenaphthene	9.89	154	356624	37.336	ng	99
53) 3-Nitroaniline	9.81	138	120963	38.264	ng	91
54) 2,4-Dinitrophenol	9.92	184	39242	41.282	ng	99
55) Dibenzofuran	10.06	168	536052	38.037	ng	100
56) 4-Nitrophenol	9.98	139	86950	42.438	ng	96
57) 2,4-Dinitrotoluene	10.05	165	135664	41.712	ng	96
58) Fluorene	10.40	166	439130	38.682	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	86538	34.762	ng	93
60) Diethylphthalate	10.27	149	475617	39.296	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	197266	40.162	ng	98
62) 4-Nitroaniline	10.43	138	126694	38.537	ng	99
63) Azobenzene	10.55	77	468386	37.891	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	51605	40.823	ng	84
66) n-Nitrosodiphenylamine	10.51	169	379185	38.407	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	113413	38.848	ng	98
68) Hexachlorobenzene	10.96	284	121886	38.171	ng	98
69) Atrazine	11.03	200	98737	38.708	ng	99
70) Pentachlorophenol	11.15	266	53588	35.802	ng	98
71) Phenanthrene	11.36	178	614689	37.856	ng	99
72) Anthracene	11.42	178	634751	38.291	ng	98
73) Carbazole	11.57	167	590872	37.551	ng	99
74) Di-n-butylphthalate	11.89	149	754715	40.313	ng	98
75) Fluoranthene	12.54	202	626061	37.525	ng	100
77) Benzidine	12.66	184	223970	35.701	ng	98
78) Pyrene	12.77	202	625799	38.295	ng	99
80) Butylbenzylphthalate	13.38	149	314797	40.768	ng	95
81) Benzo(a)anthracene	13.96	228	497125	38.206	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	158935	37.905	ng	98
83) Chrysene	14.00	228	478885	37.735	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	423686	42.556	ng	97
85) Di-n-octyl phthalate	14.55	149	671164	42.832	ng	97
86) Indeno(1,2,3-cd)pyrene	16.86	276	306135	33.065	ng	98
88) Benzo(b)fluoranthene	15.00	252	373707	40.444	ng	98
89) Benzo(k)fluoranthene	15.03	252	353915	40.434	ng	99
90) Benzo(a)pyrene	15.36	252	319710	39.430	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	252892	39.151	ng	96
92) Benzo(g,h,i)perylene	17.30	276	238900	37.115	ng	95

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

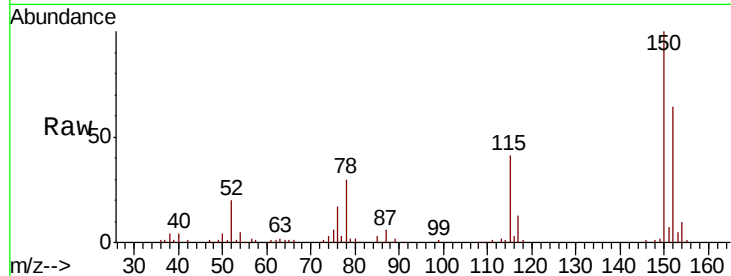


#1

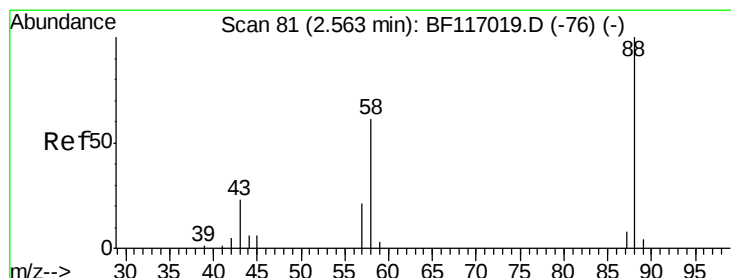
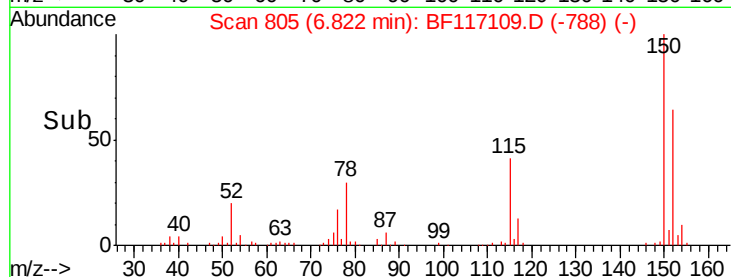
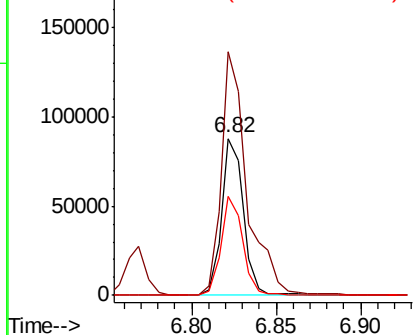
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78816
Ion Ratio Lower Upper
152 100
150 155.5 127.5 191.3
115 63.2 55.0 82.4



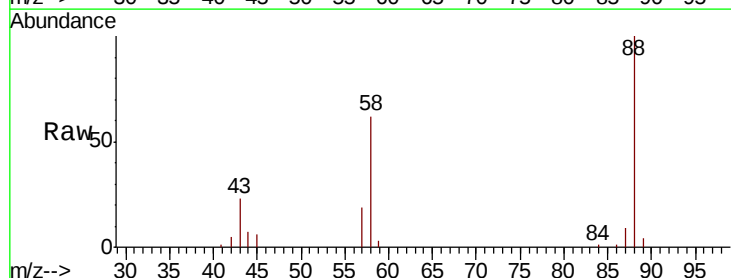
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



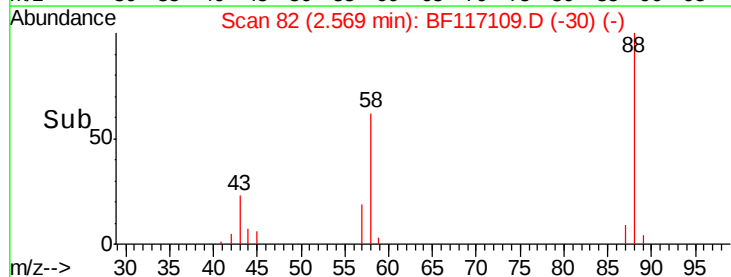
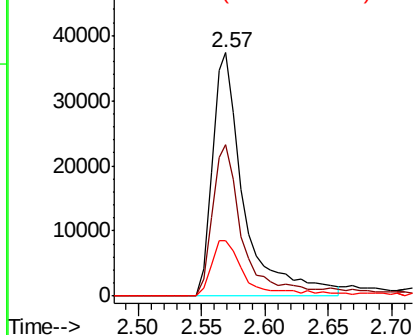
#2

1,4-Dioxane
Concen: 30.864 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion: 88 Resp: 65199
Ion Ratio Lower Upper
88 100
58 59.1 49.3 73.9
43 24.9 18.8 28.2



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

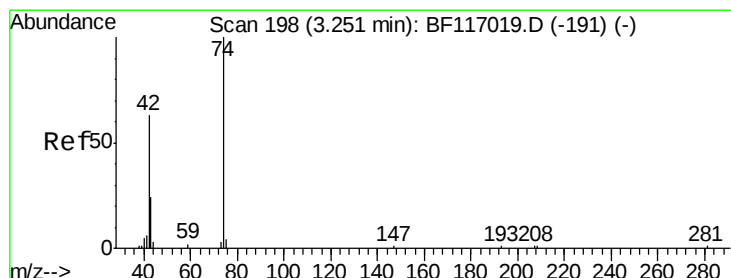
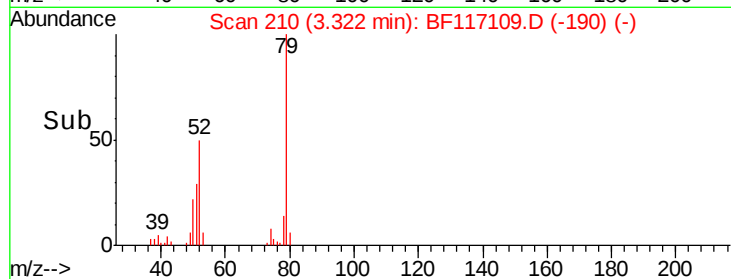
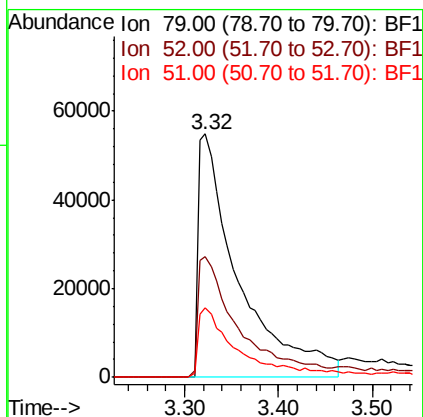
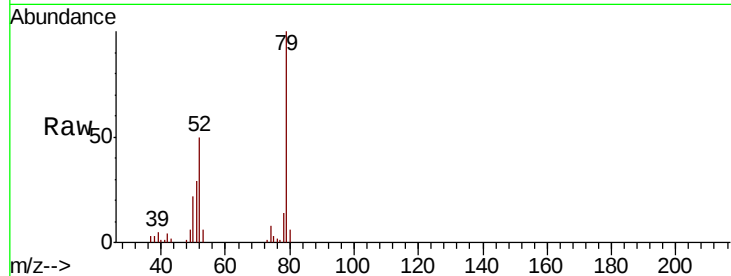




#3
 Pvridine
 Concen: 28.543 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.02 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

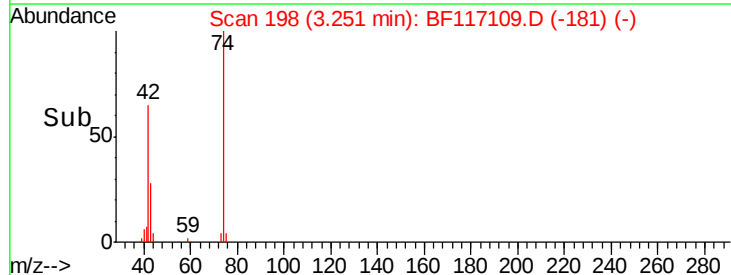
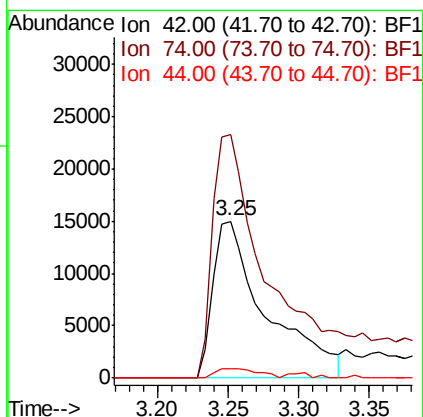
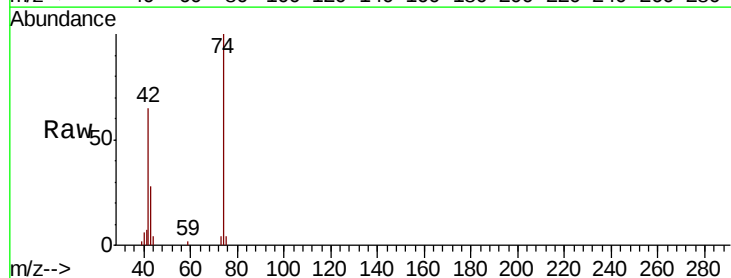
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	79	Resp	165033
Ion	Ratio	Lower	Upper
79	100		
52	49.7	43.5	65.3
51	28.7	21.8	32.6



#4
 n-Nitrosodimethylamine
 Concen: 19.917 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	42	Resp	39519
Ion	Ratio	Lower	Upper
42	100		
74	154.9	127.1	190.7
44	5.9	4.3	6.5





#5

2-Fluorophenol

Concen: 70.543 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

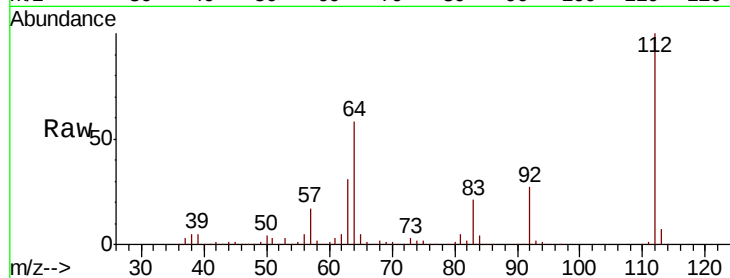
Tot Ion:112 Resp: 356119

Ion Ratio Lower Upper

112 100

64 58.0 45.7 68.5

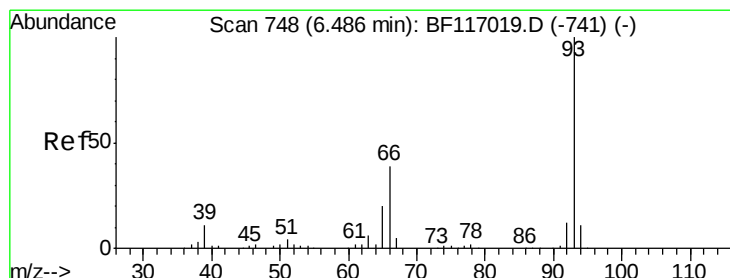
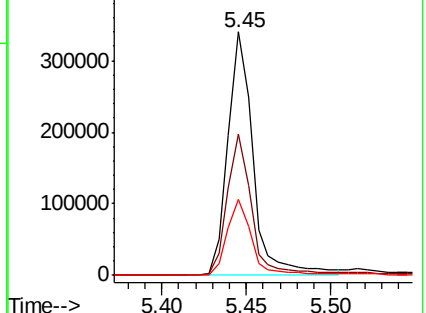
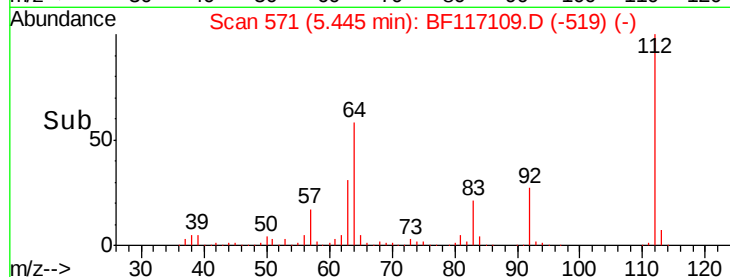
63 31.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.509 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

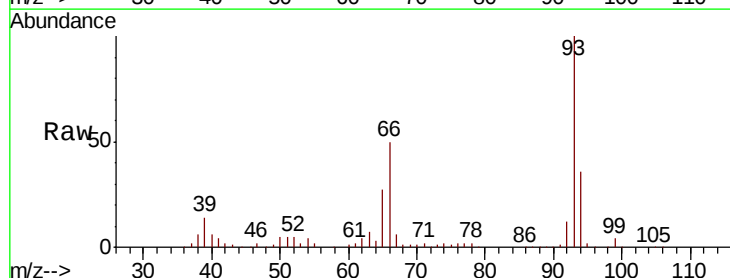
Tgt Ion: 93 Resp: 315075

Ion Ratio Lower Upper

93 100

66 50.3 32.6 49.0#

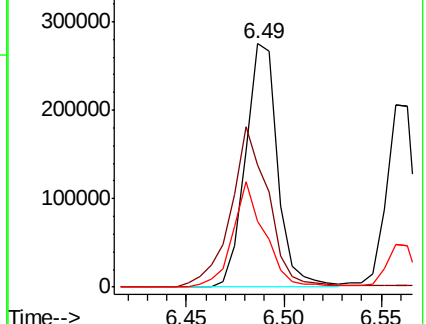
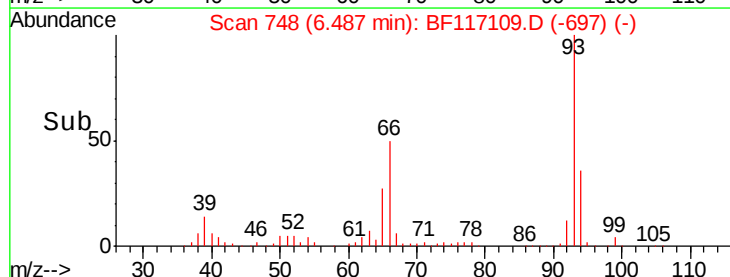
65 26.8 16.7 25.1#

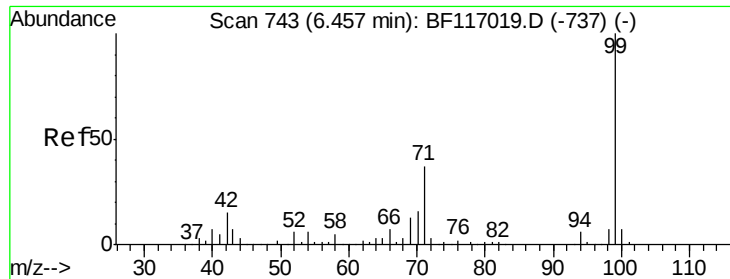


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.629 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampled :

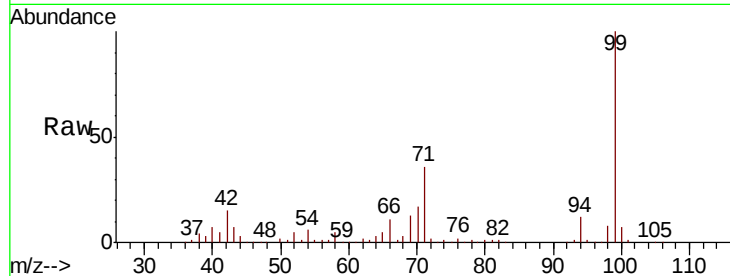
Tot Ion: 99 Resp: 493418

Ion Ratio Lower Upper

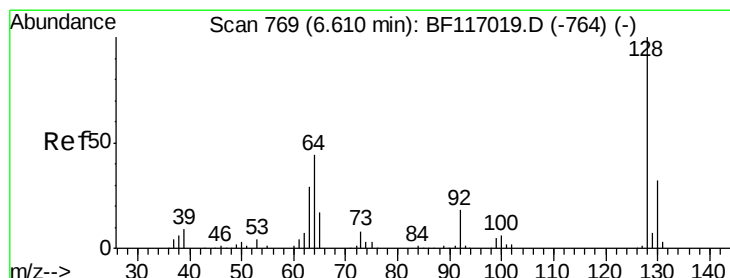
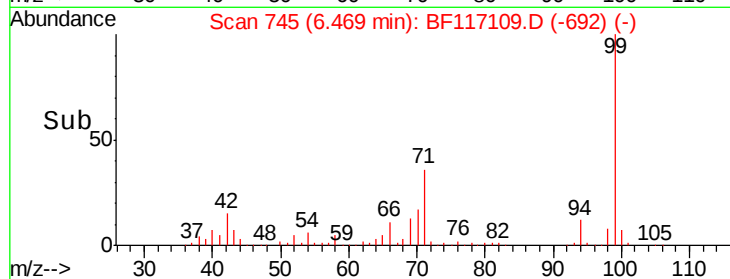
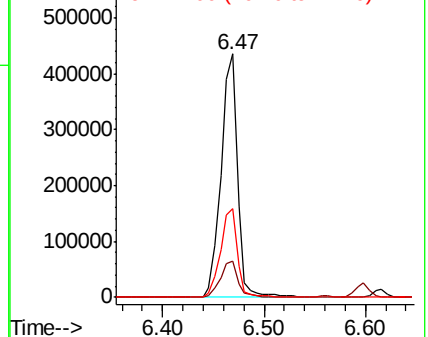
99 100

42 15.0 12.2 18.2

71 36.5 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: 38.004 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

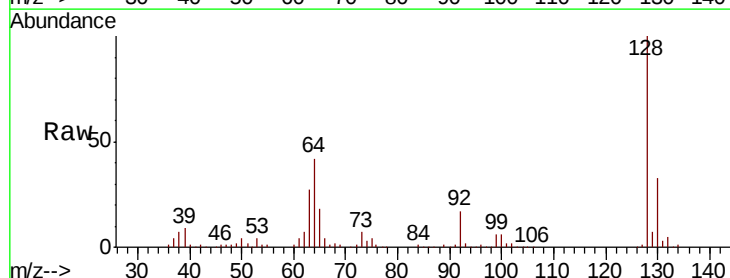
Tgt Ion: 128 Resp: 206973

Ion Ratio Lower Upper

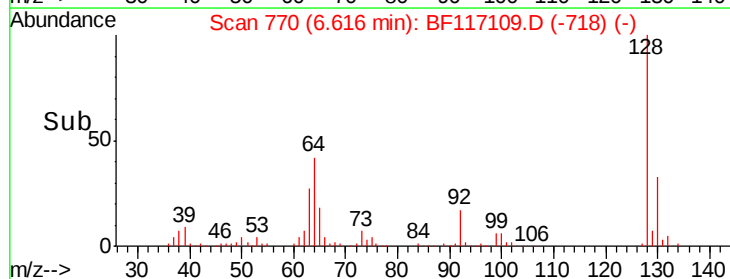
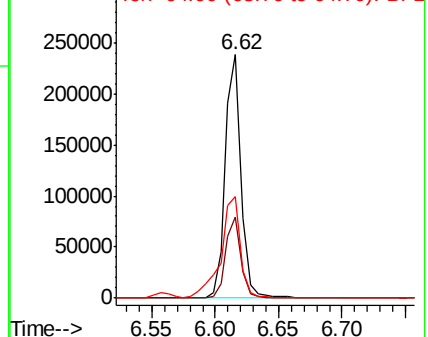
128 100

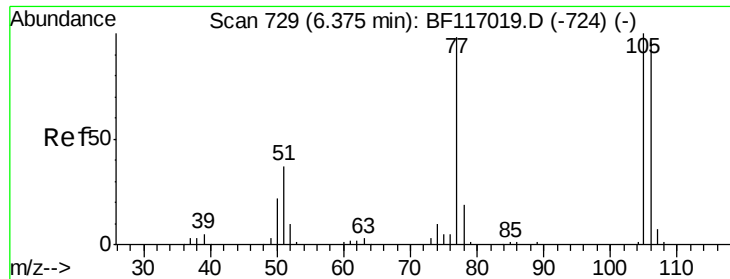
130 33.2 11.8 51.8

64 41.7 25.0 65.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

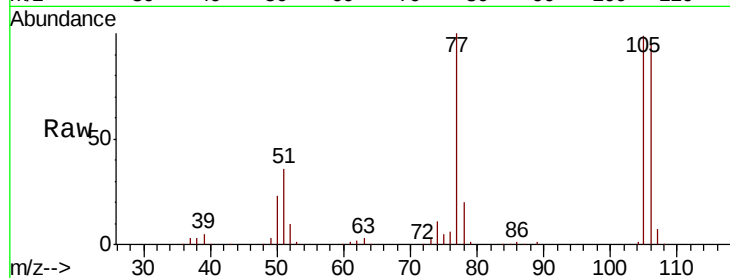




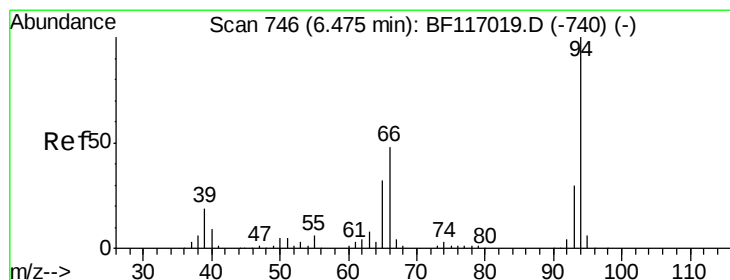
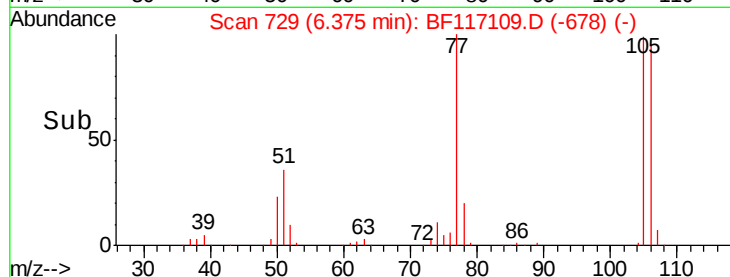
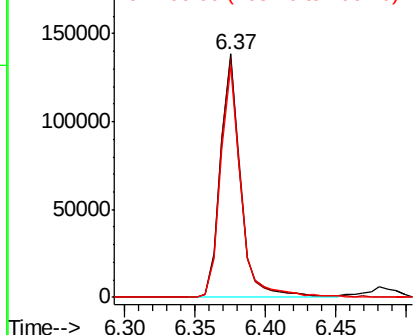
#9
Benzaldehyde
Concen: 42.996 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.7	81.8	121.8
106	94.9	77.3	117.3

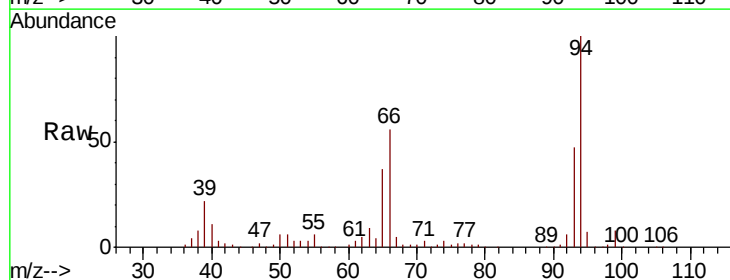


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

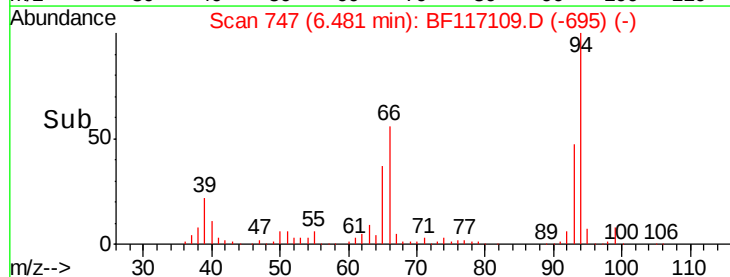
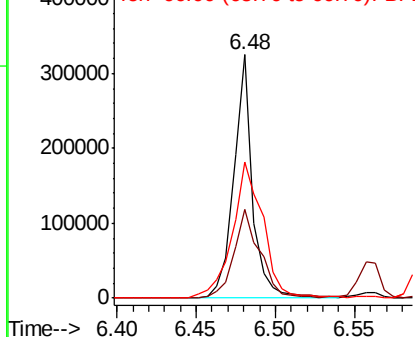


#10
Phenol
Concen: 37.314 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.5	12.5	52.5
66	55.8	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: 38.166 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

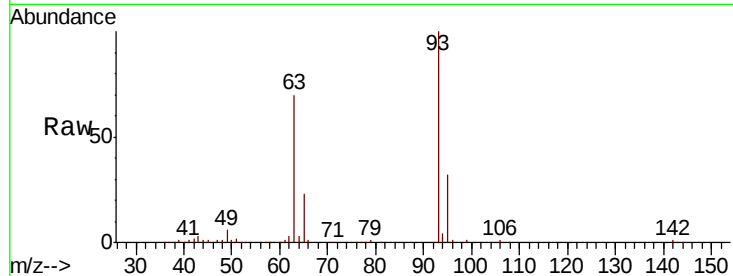
Tot Ion: 93 Resp: 201749

Ion Ratio Lower Upper

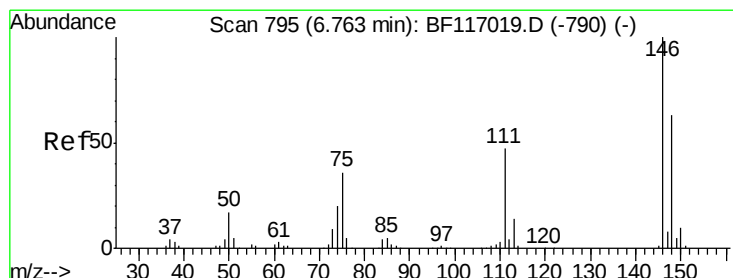
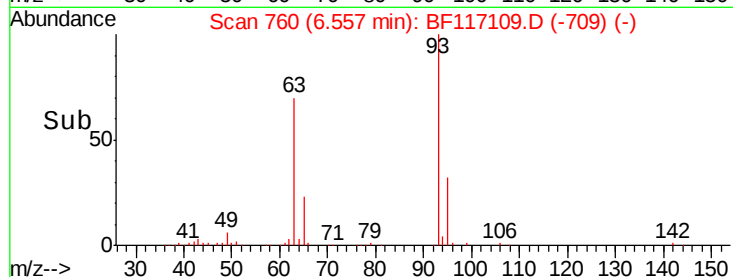
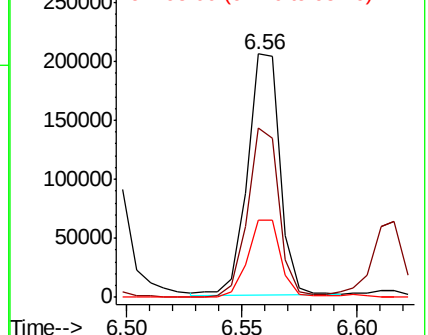
93 100

63 69.6 49.3 89.3

95 31.7 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: 38.224 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

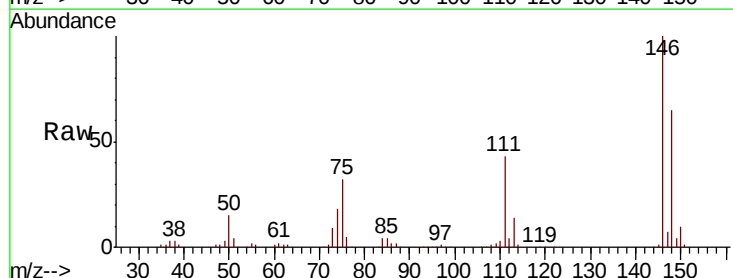
Tgt Ion: 146 Resp: 233597

Ion Ratio Lower Upper

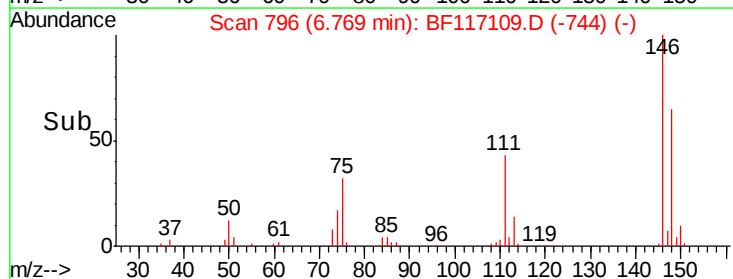
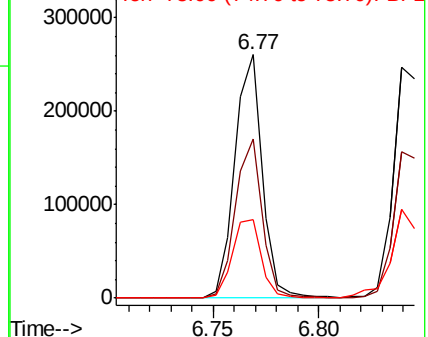
146 100

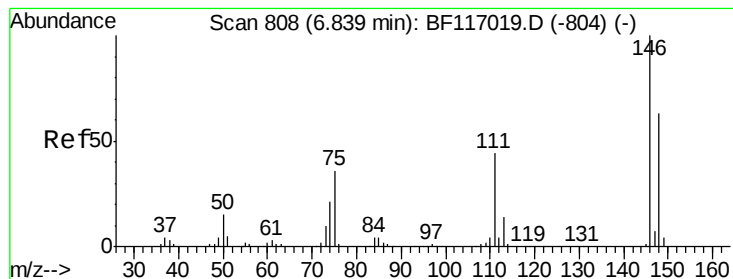
148 65.2 50.8 76.2

75 32.4 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: 38.275 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

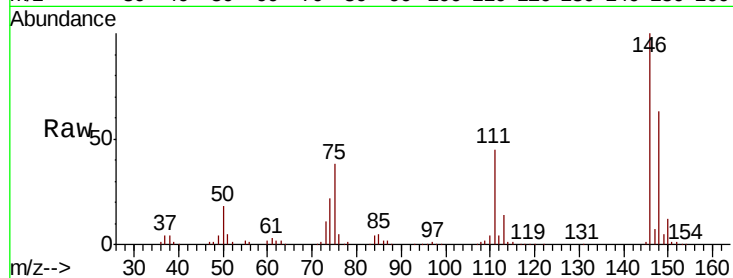
Tot Ion:146 Resp: 238704

Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

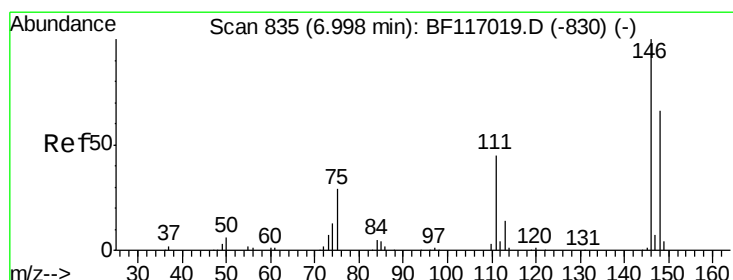
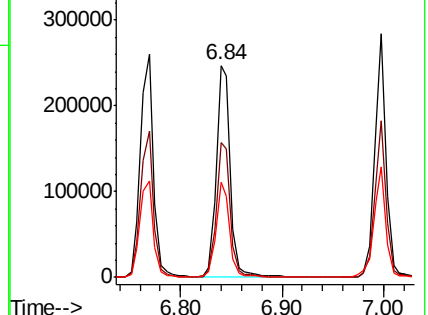
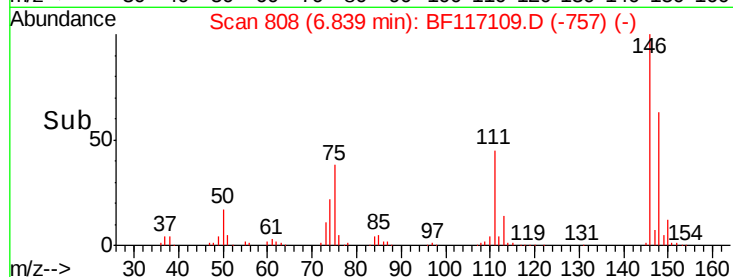
111 44.8 35.0 52.6



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: 38.066 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

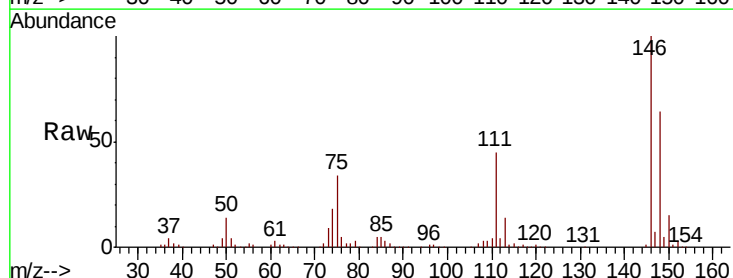
Tgt Ion:146 Resp: 221032

Ion Ratio Lower Upper

146 100

148 64.1 52.6 78.8

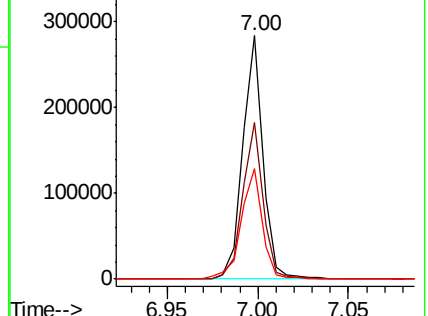
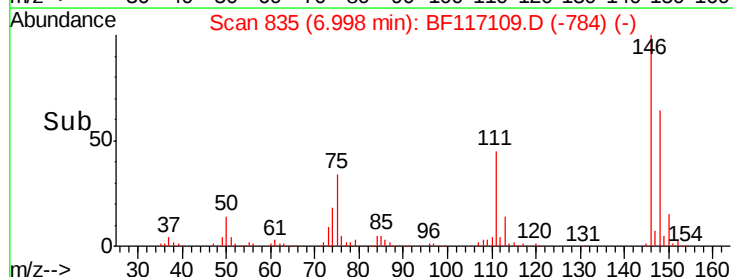
111 45.3 36.2 54.2

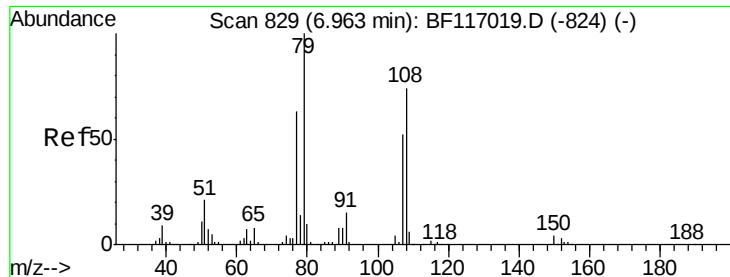


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.900 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

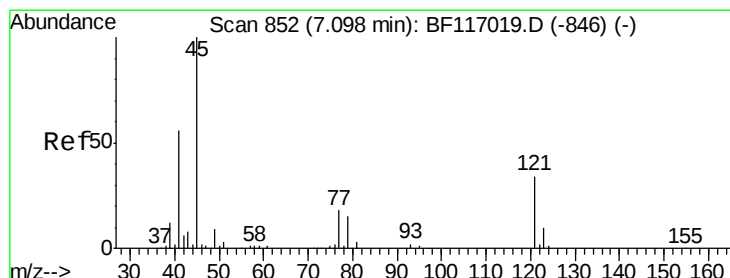
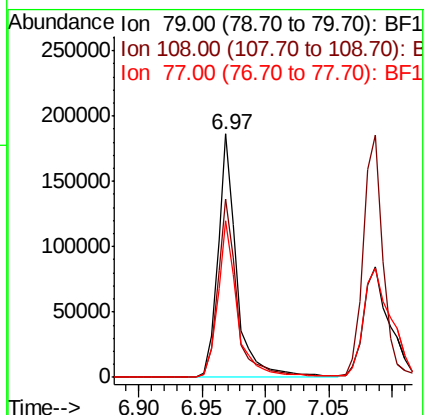
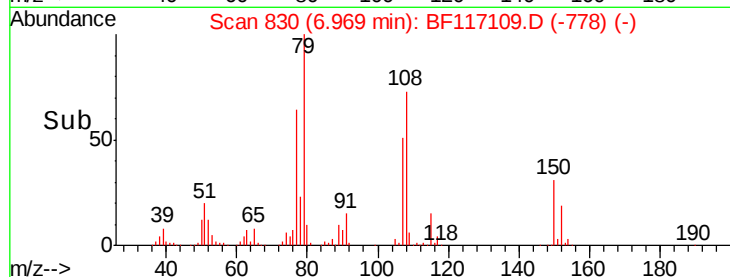
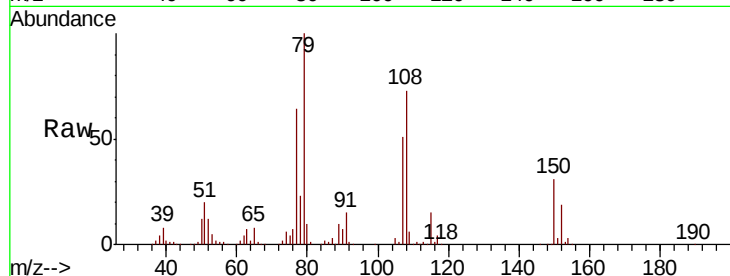
Tot Ion: 79 Resp: 194622

Ion Ratio Lower Upper

79 100

108 73.1 59.4 89.0

77 64.3 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.708 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

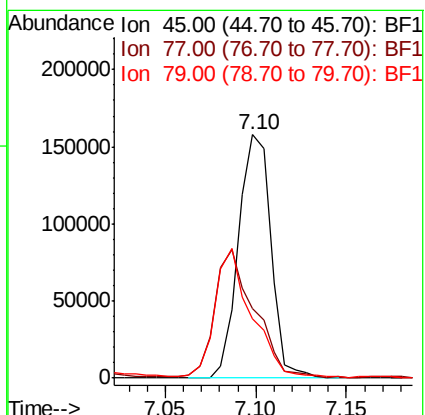
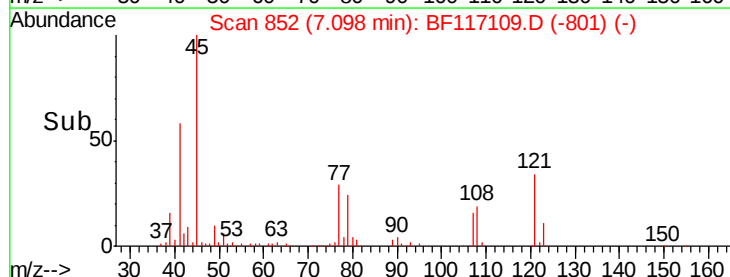
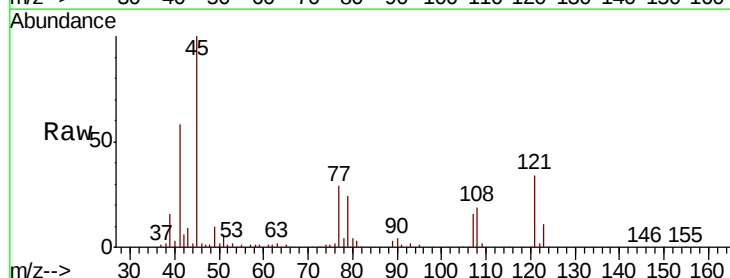
Tgt Ion: 45 Resp: 196934

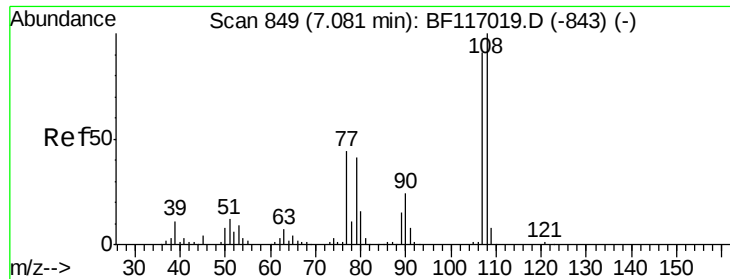
Ion Ratio Lower Upper

45 100

77 28.7 2.7 42.7

79 24.3 0.0 38.9

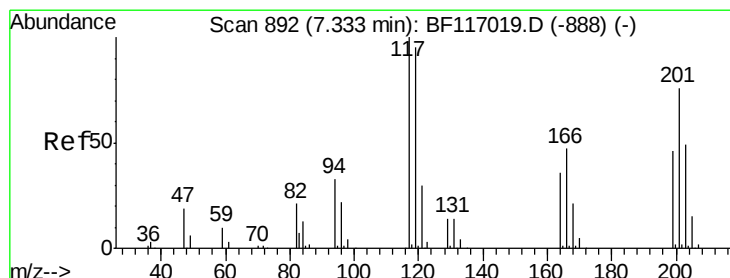
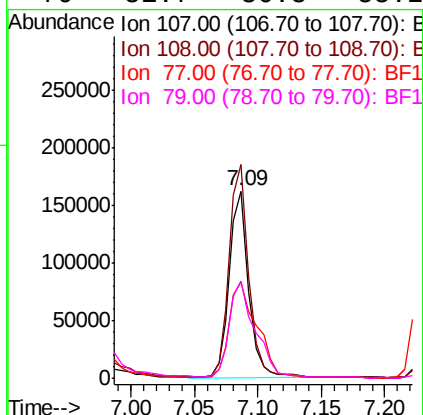
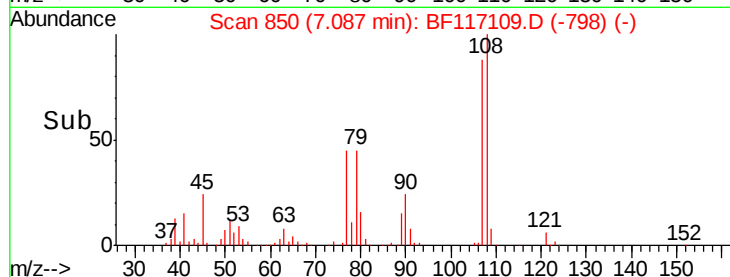
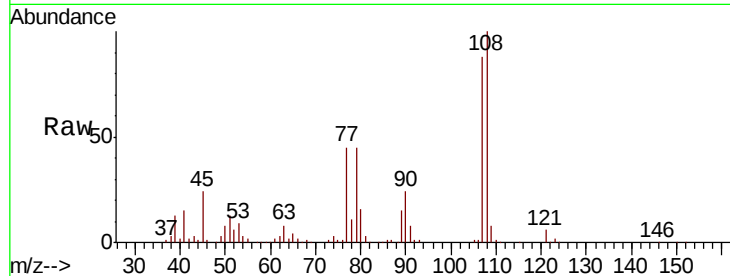




#17
2-Methylphenol
Concen: 37.623 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

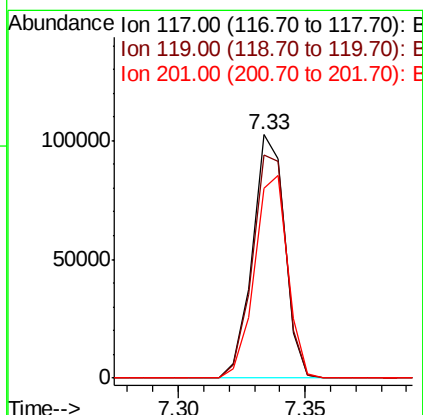
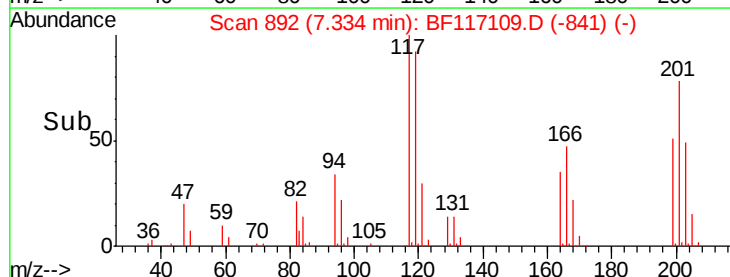
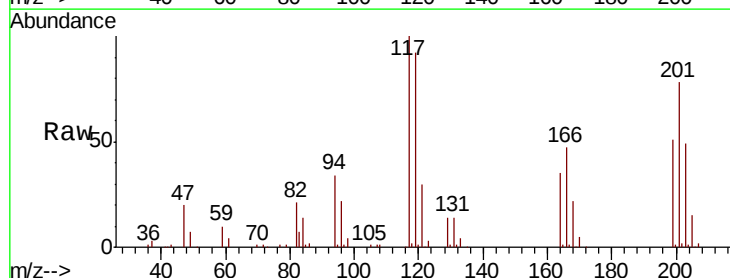
Instrument :
BNA_F
ClientSampleId :

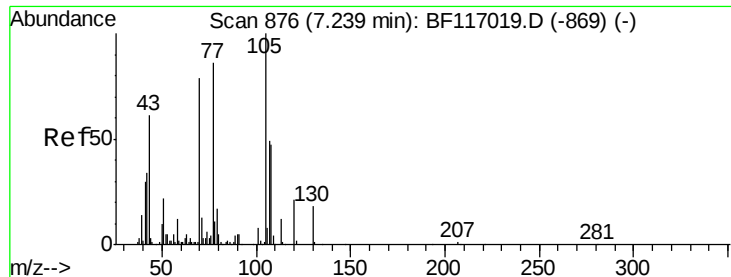
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	87.7	131.5
77	51.3	38.6	58.0
79	51.7	36.8	55.2



#18
Hexachloroethane
Concen: 38.110 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	75.8	113.8
201	78.2	60.9	91.3

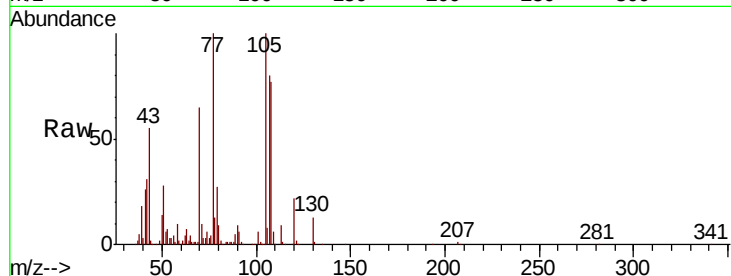




#19
n-Nitroso-di-n-propylamine
Concen: 39.516 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	156989
Ion	Ratio	Lower	Upper
70	100		
42	47.3	34.0	51.0
101	9.7	7.8	11.6
130	20.0	17.8	26.8



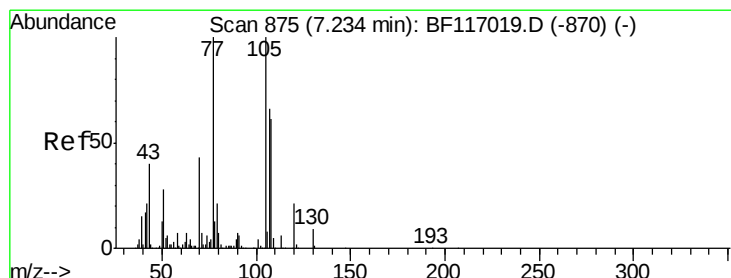
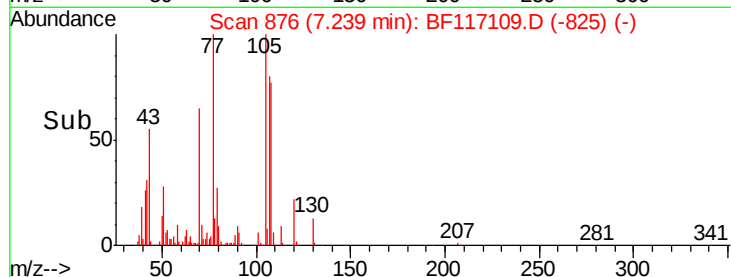
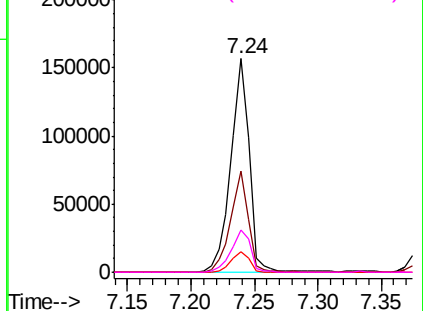
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 38.402 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion:	107	Resp:	218327
Ion	Ratio	Lower	Upper
107	100		
108	95.8	72.6	112.6
77	124.1	132.1	172.1#
79	33.2	12.1	52.1

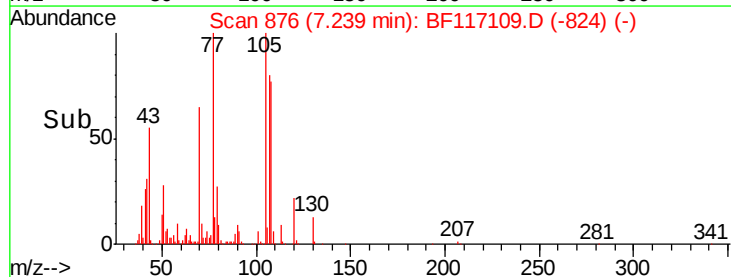
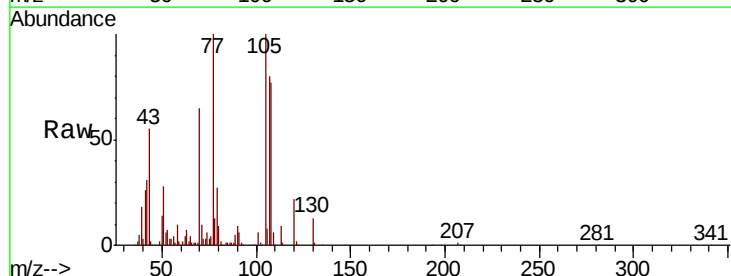
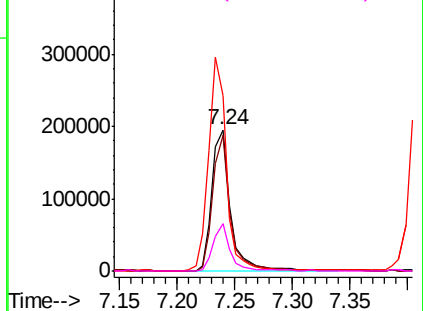
Abundance

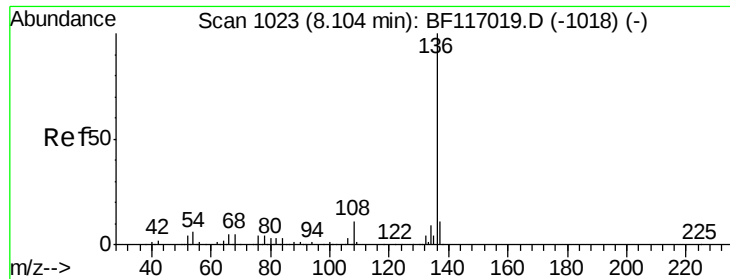
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 331574

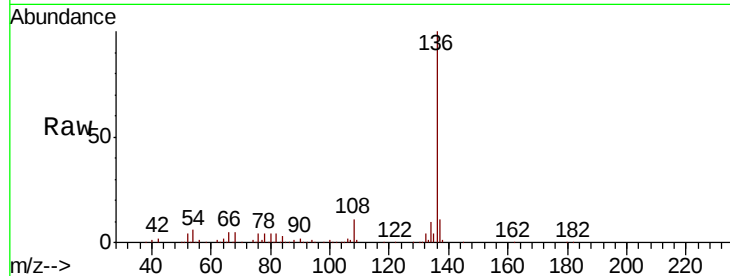
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 5.5 4.5 6.7

68 4.5 4.0 6.0

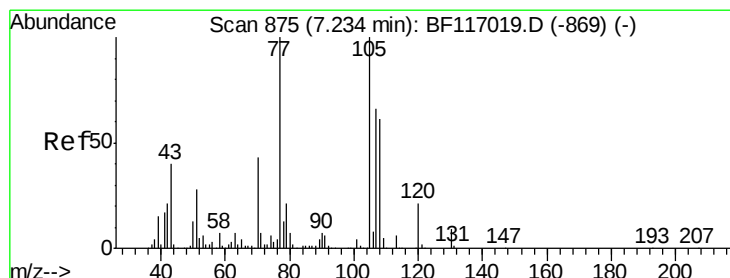
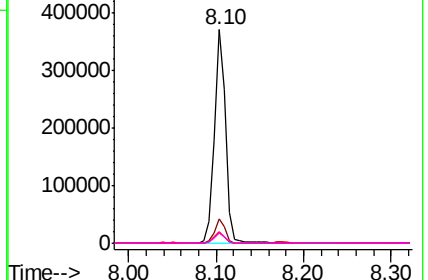
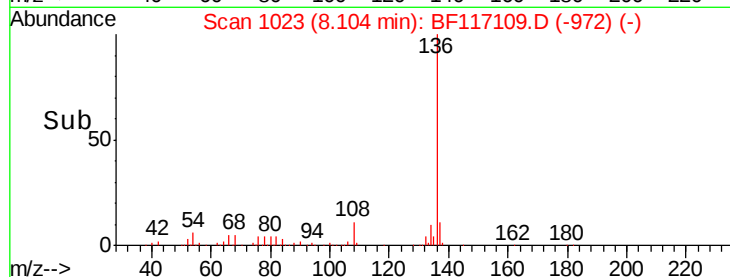


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.728 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Tgt Ion:105 Resp: 317830

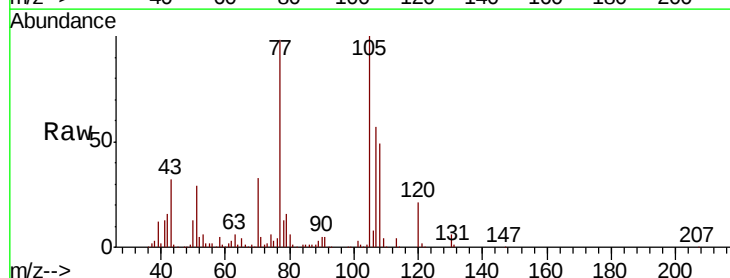
Ion Ratio Lower Upper

105 100

71 5.3 5.7 8.5#

51 28.8 22.1 33.1

120 20.6 17.1 25.7

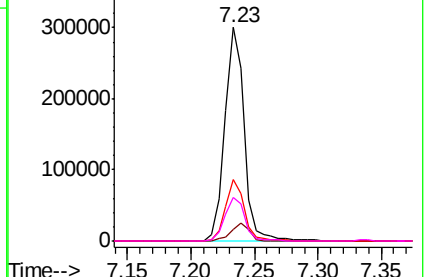
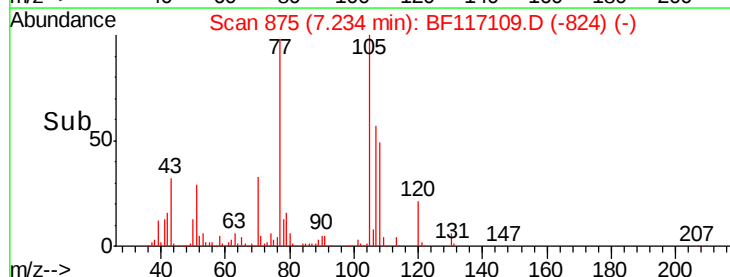


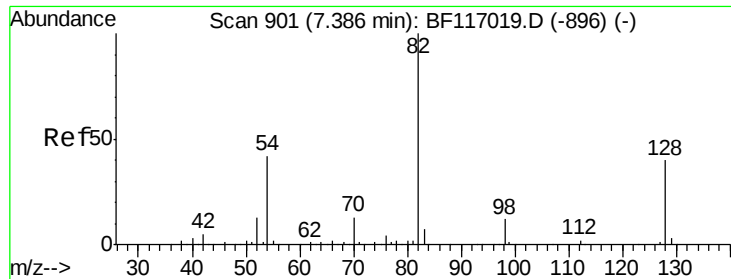
Abundance Ion 105.00 (104.70 to 105.70): E

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

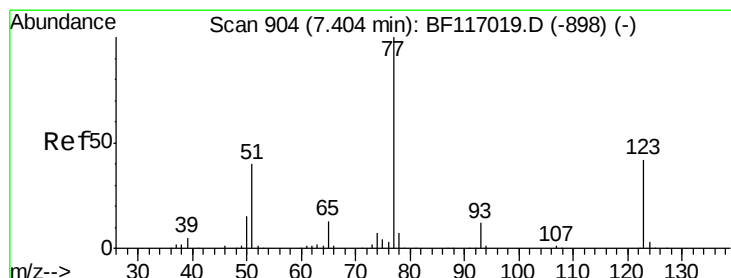
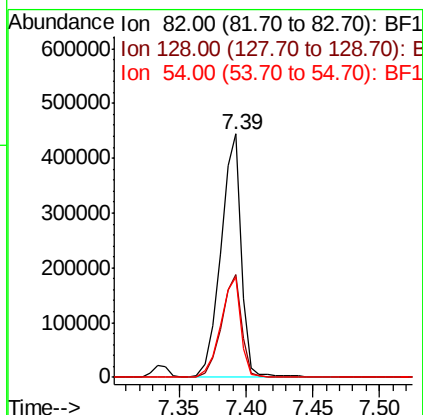
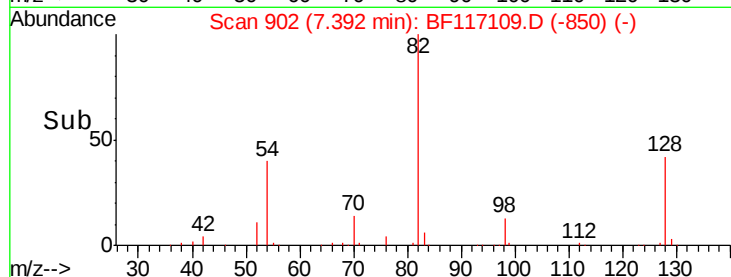
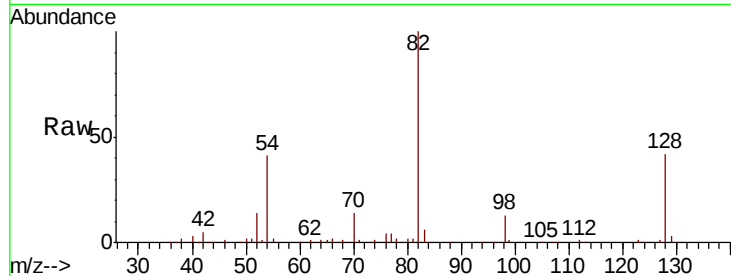




#23
 Nitrobenzene-d5
 Concen: 76.266 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

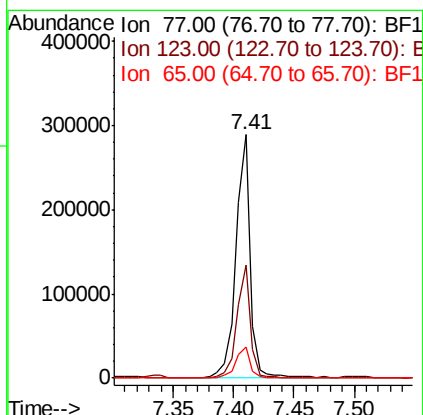
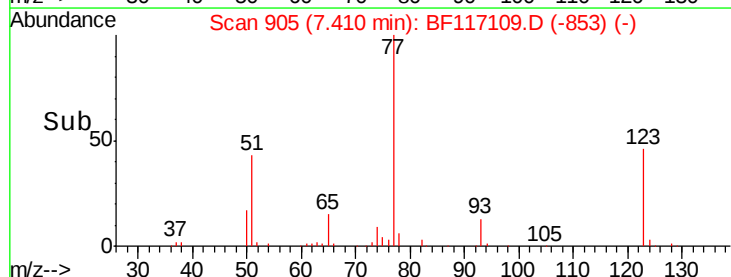
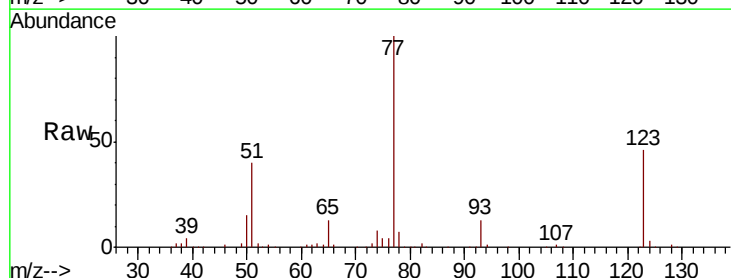
Instrument :
 BNA_F
 ClientSampled :

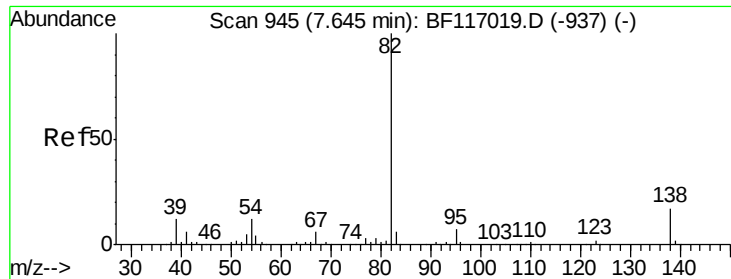
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.3	48.5
54	41.1	33.3	49.9



#24
 Nitrobenzene
 Concen: 37.612 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	33.5	50.3
65	12.9	10.5	15.7

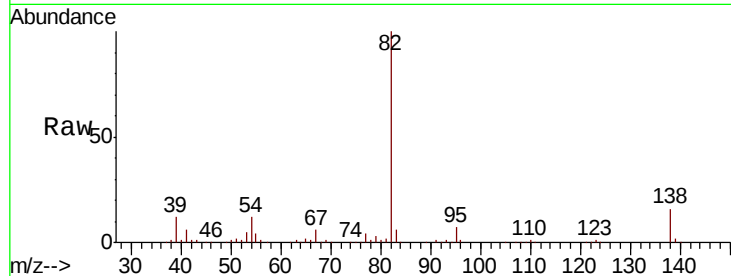




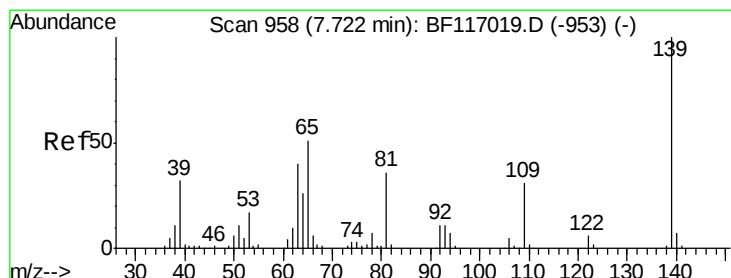
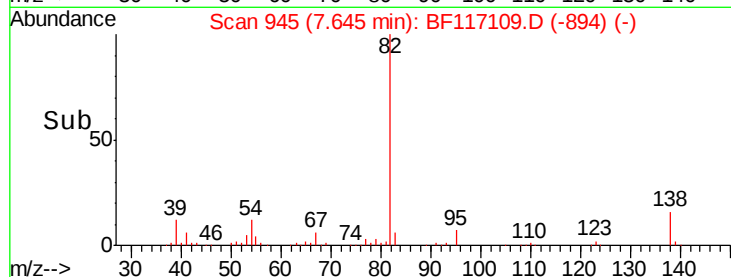
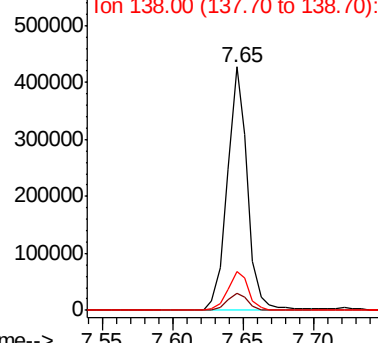
#25
Isophorone
Concen: 38.386 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 428899
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 16.2 13.5 20.3

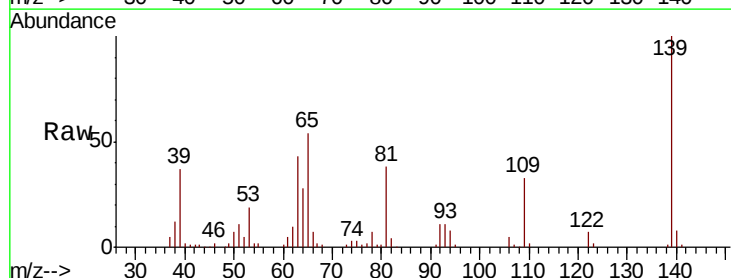


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

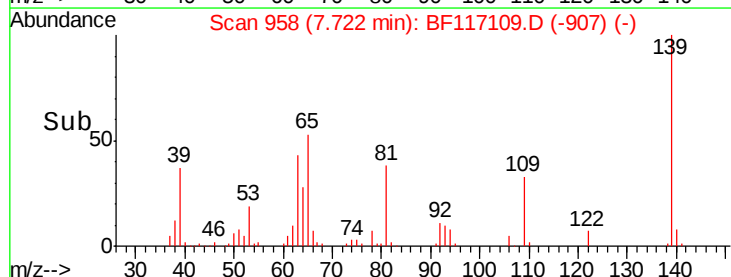
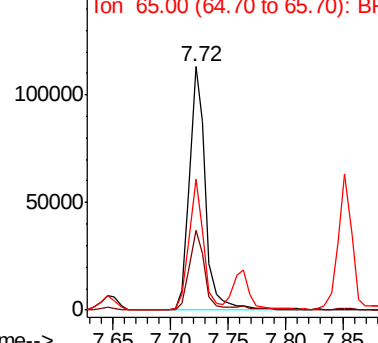


#26
2-Nitrophenol
Concen: 41.153 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion: 139 Resp: 110160
Ion Ratio Lower Upper
139 100
109 32.6 24.6 36.8
65 53.8 40.9 61.3



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





#27

2,4-Dimethylphenol

Concen: 37.854 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

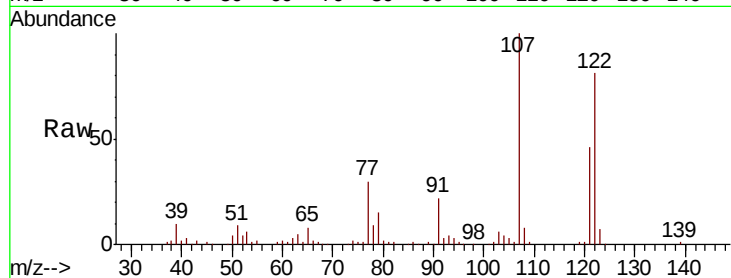
Tot Ion:122 Resp: 160688

Ion Ratio Lower Upper

122 100

107 123.8 98.9 148.3

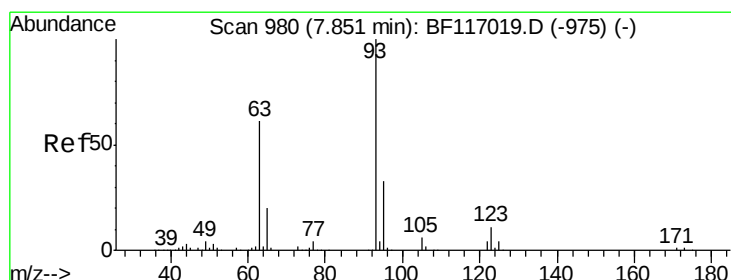
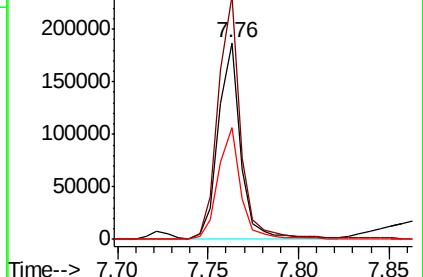
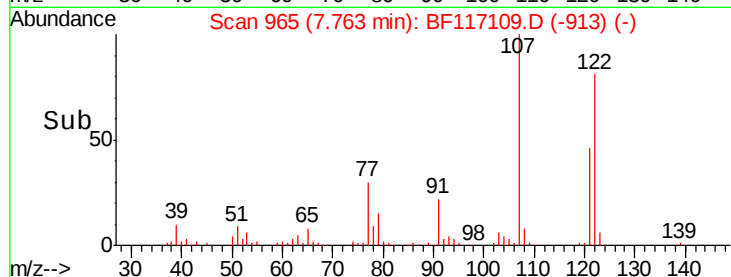
121 57.1 45.3 67.9



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: 38.156 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

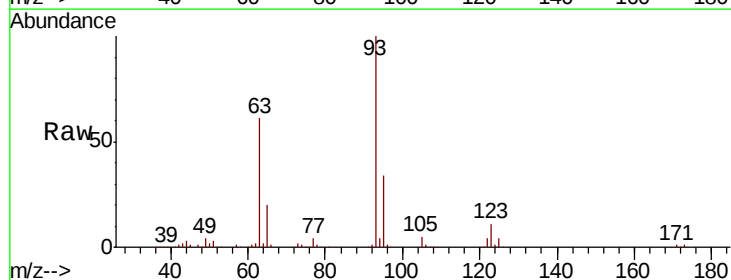
Tgt Ion: 93 Resp: 262671

Ion Ratio Lower Upper

93 100

95 33.7 26.2 39.4

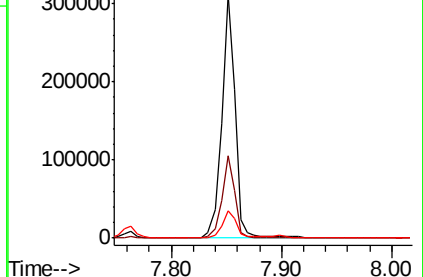
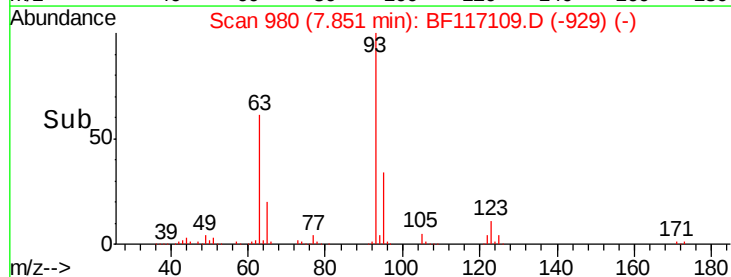
123 11.0 9.0 13.6

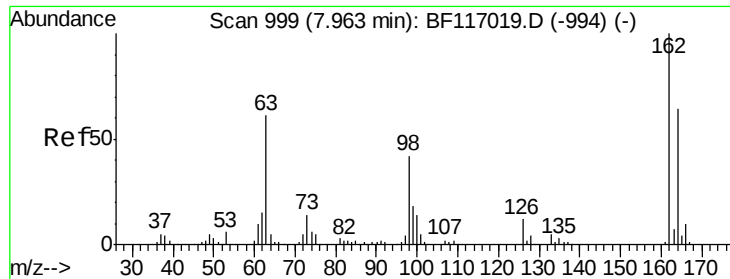


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

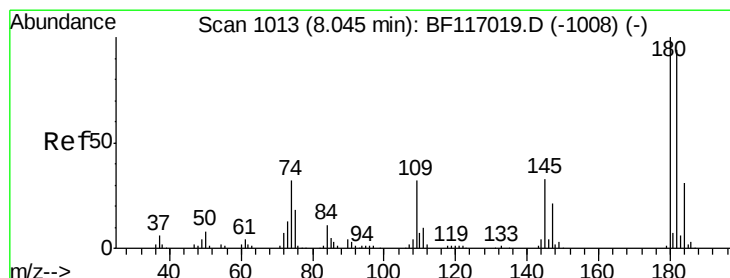
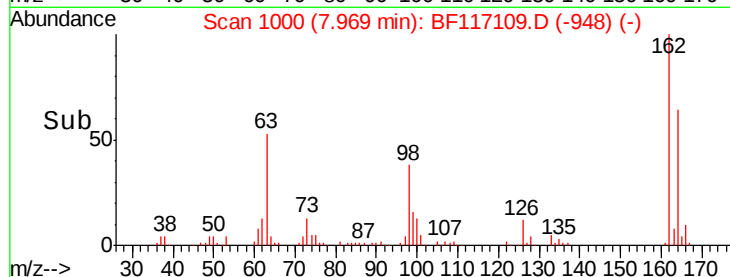
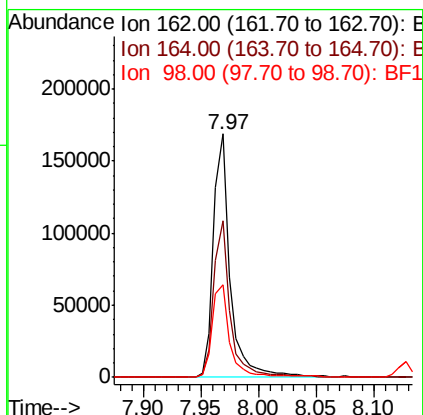
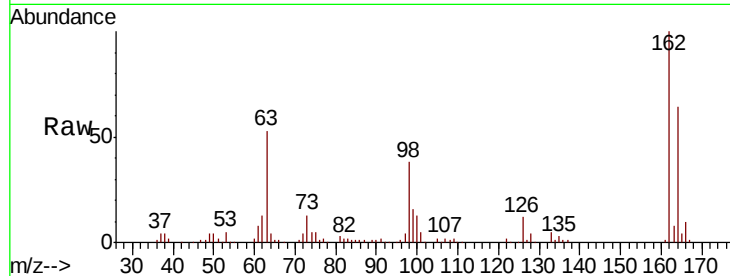




#29
 2,4-Dichlorophenol
 Concen: 38.458 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

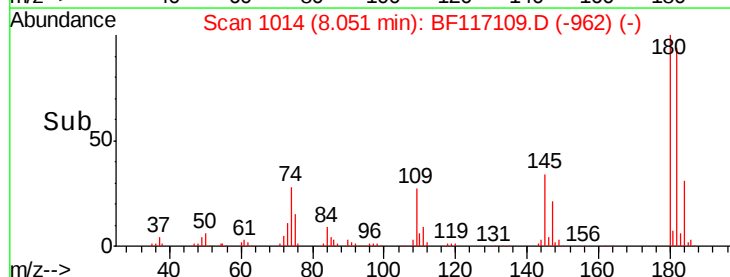
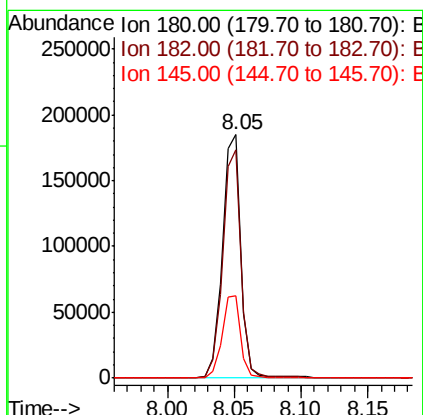
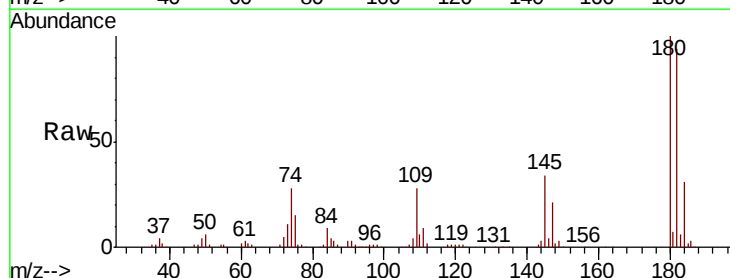
Instrument :
 BNA_F
 ClientSampled :

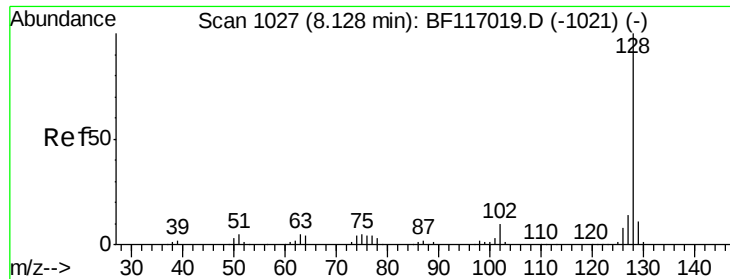
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.8	83.8
98	38.0	22.1	62.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.820 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.4	113.0
145	33.7	26.7	40.1

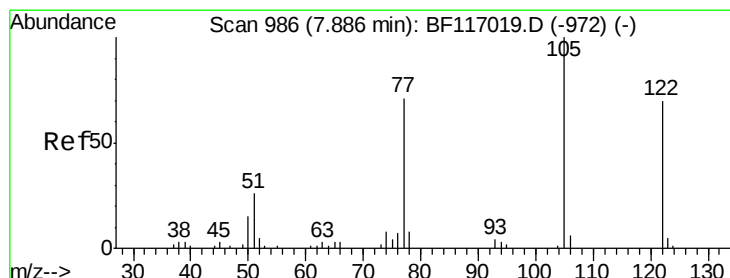
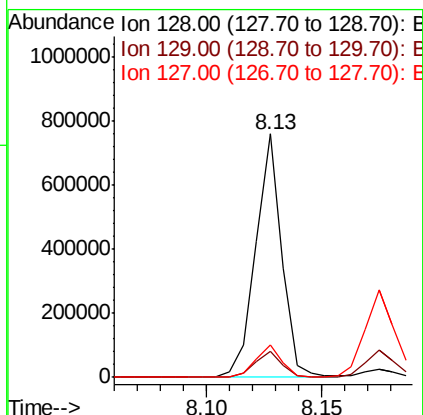
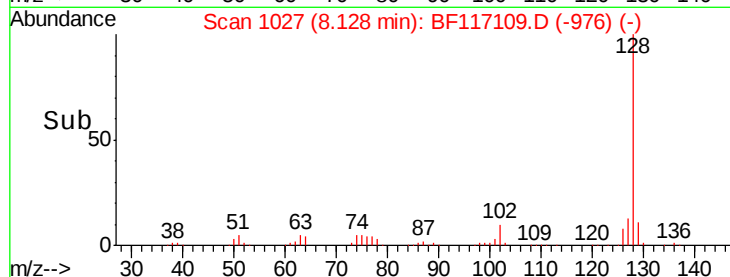
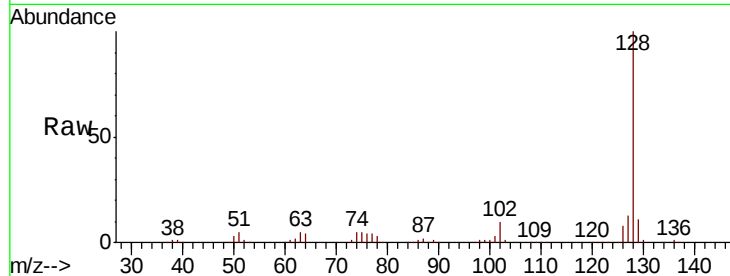




#31
Naphthalene
Concen: 37.832 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

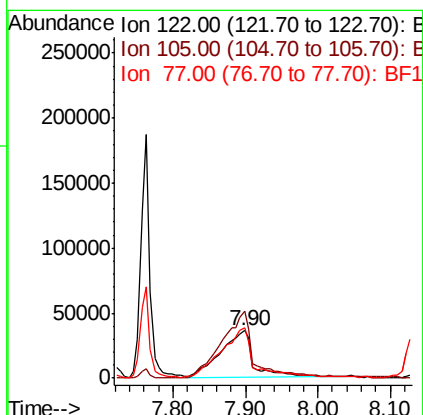
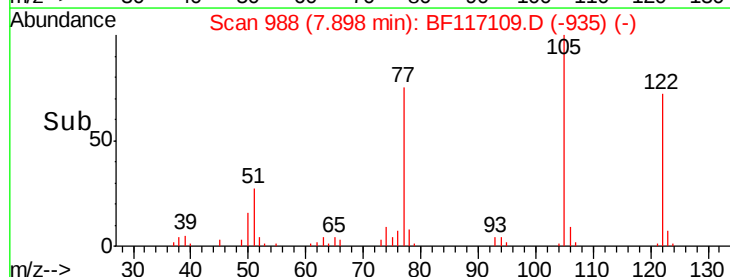
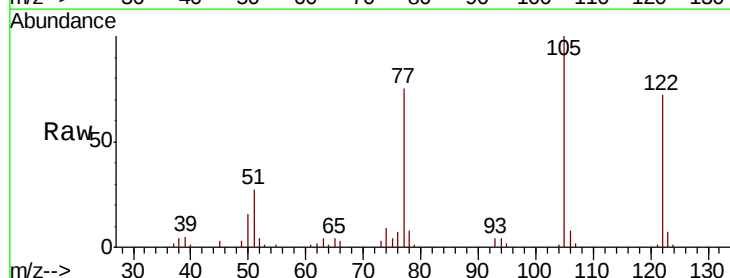
Instrument :
BNA_F
ClientSampleId :

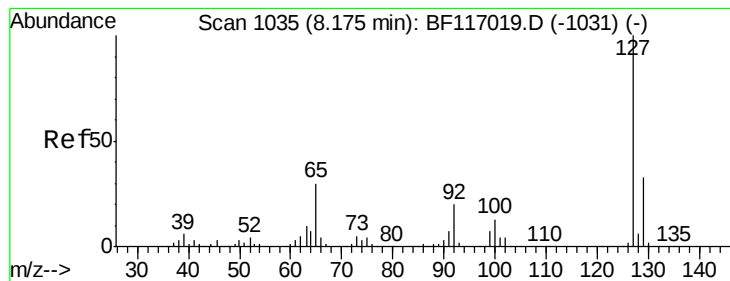
Tot Ion:128 Resp: 603299
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 37.610 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion:122 Resp: 115248
Ion Ratio Lower Upper
122 100
105 139.5 114.8 154.8
77 105.2 78.7 118.7

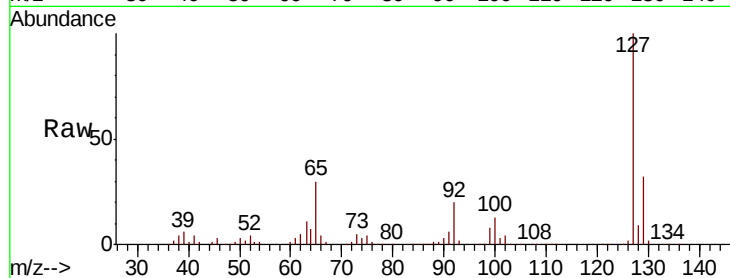




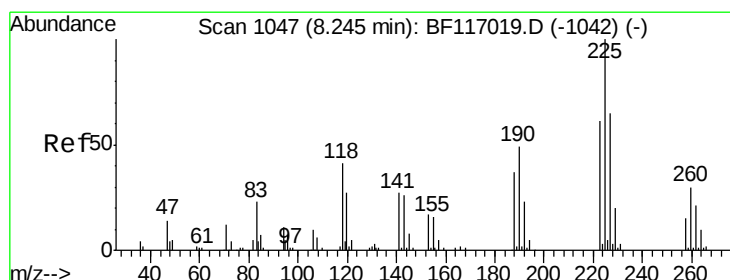
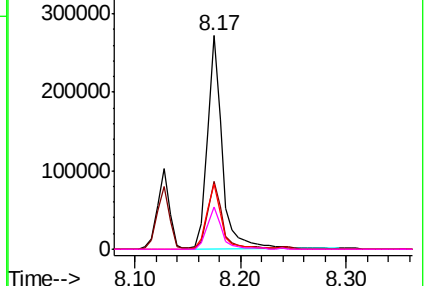
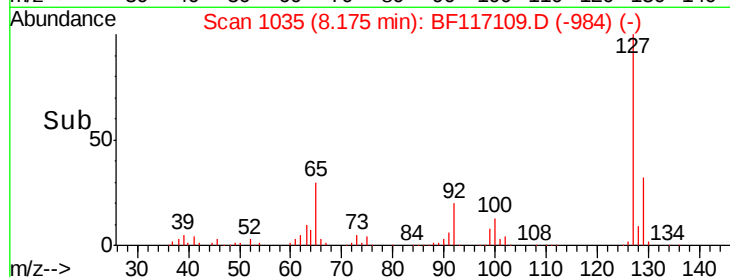
#33
4-Chloroaniline
Concen: 37.604 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	265971
Ion Ratio	Lower	Upper
127 100		
129 31.9	26.2	39.2
65 30.5	23.5	35.3
92 20.0	15.9	23.9

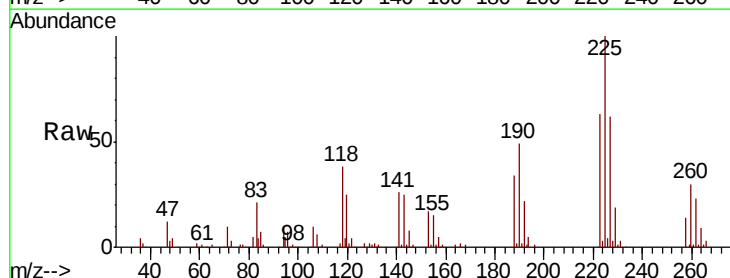


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

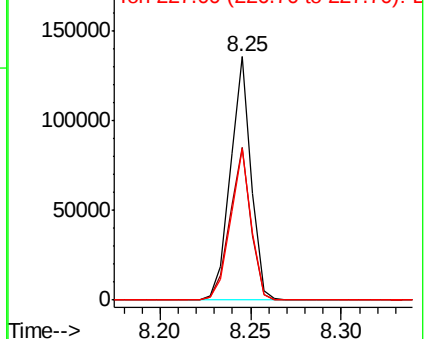
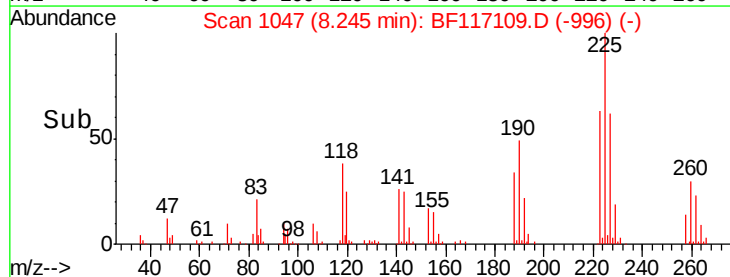


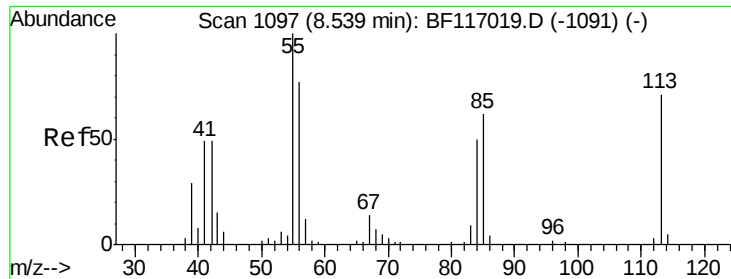
#34
Hexachlorobutadiene
Concen: 39.450 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion:225	Resp:	107555
Ion Ratio	Lower	Upper
225 100		
223 62.7	49.1	73.7
227 62.3	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

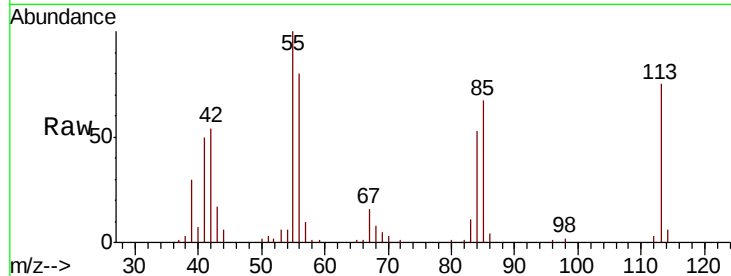




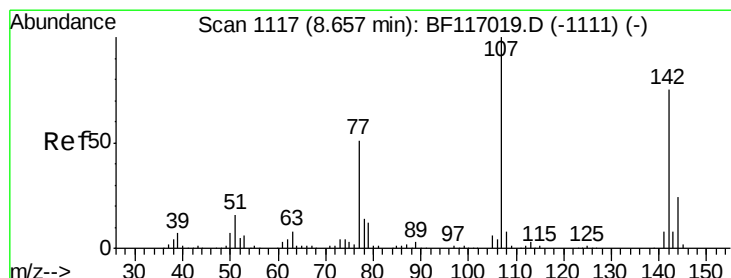
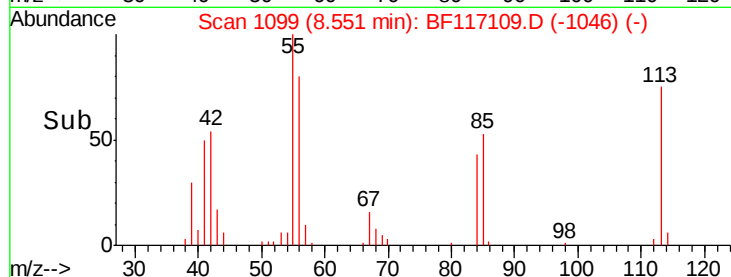
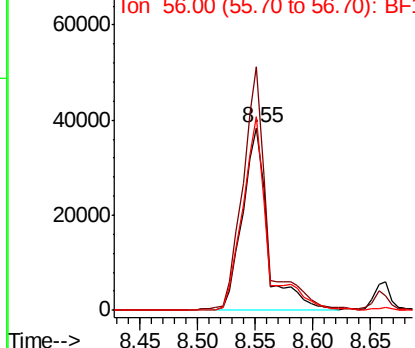
#35
Caprolactam
Concen: 38.561 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 58054
Ion Ratio Lower Upper
113 100
55 133.3 120.6 160.6
56 106.0 88.8 128.8

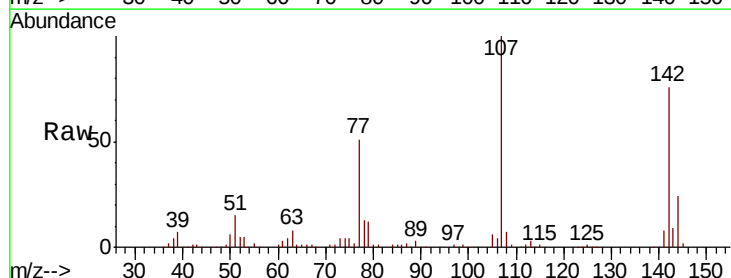


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

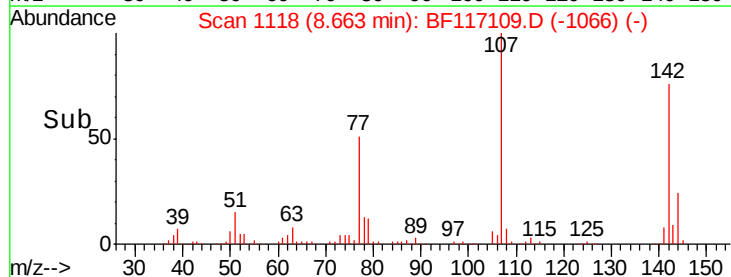
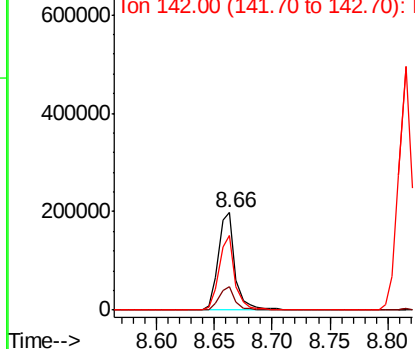


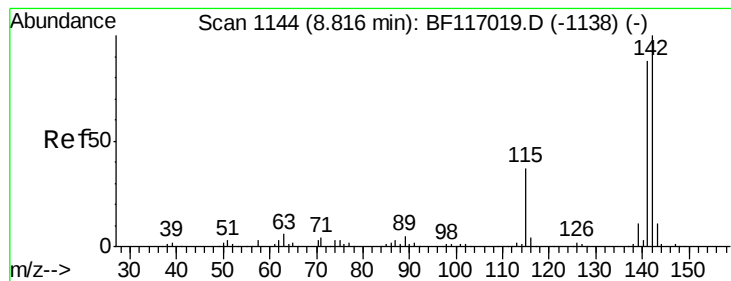
#36
4-Chloro-3-methylphenol
Concen: 38.617 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion:107 Resp: 200279
Ion Ratio Lower Upper
107 100
144 24.4 19.2 28.8
142 76.1 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

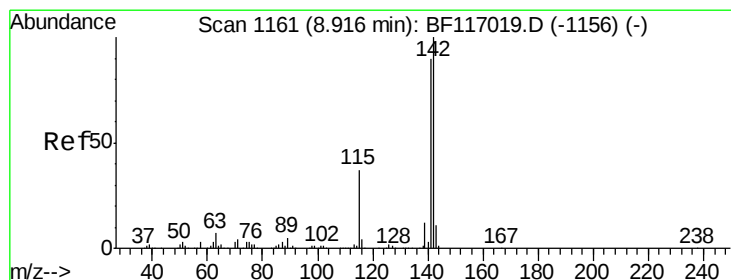
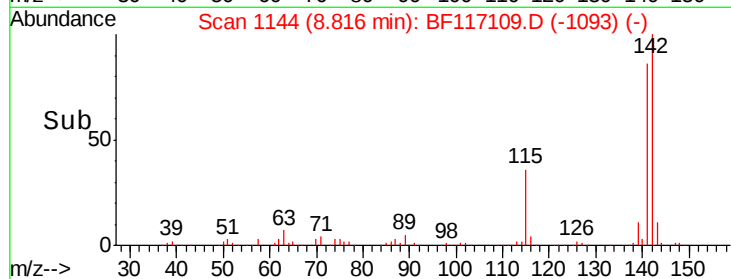
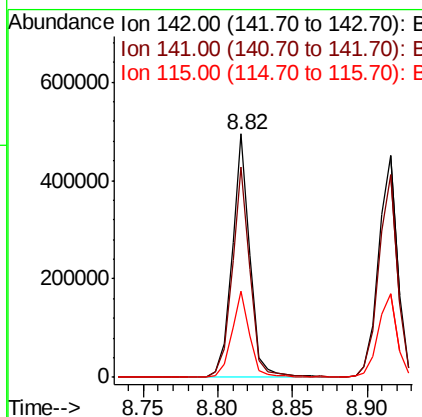
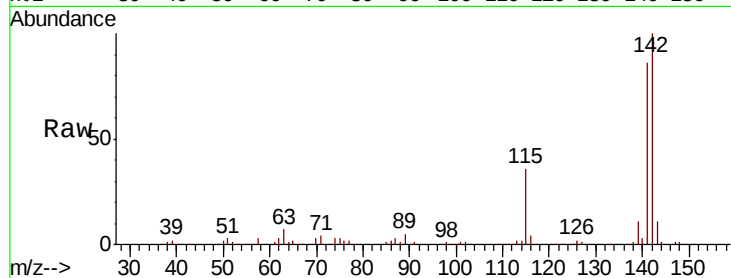




#37
 2-Methylnaphthalene
 Concen: 38.923 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

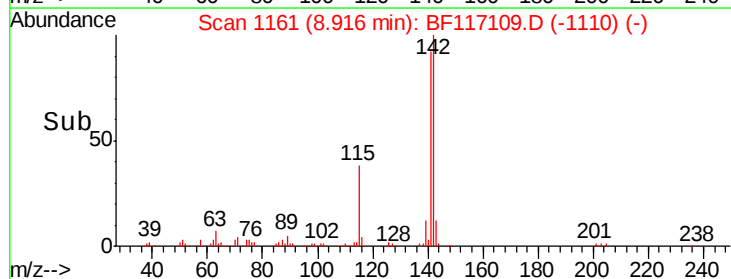
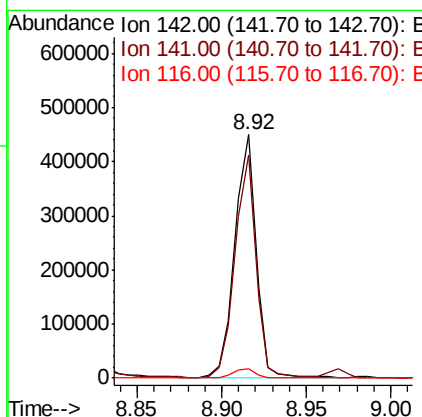
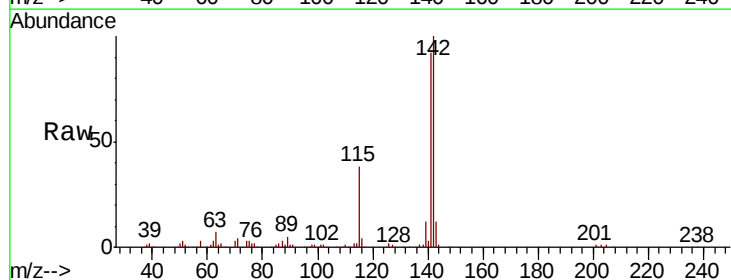
Instrument :
 BNA_F
 ClientSampleId :

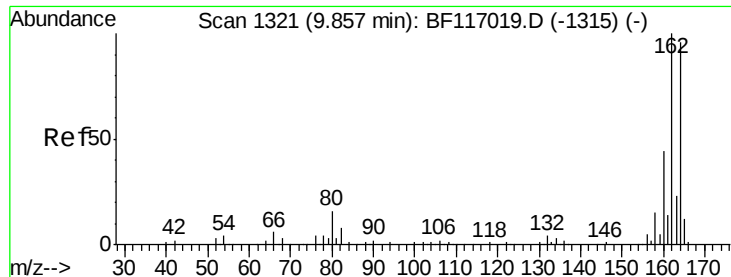
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.7	106.1
115	35.6	29.4	44.0



#38
 1-Methylnaphthalene
 Concen: 38.822 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
116	3.8	3.2	4.8

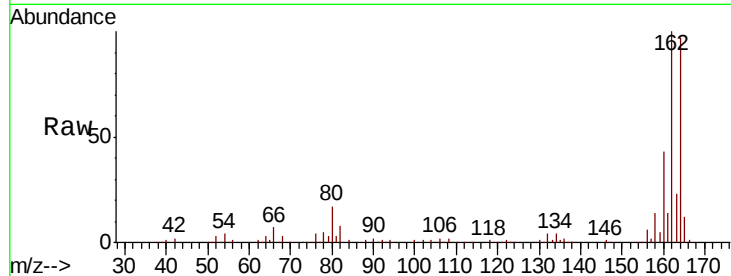




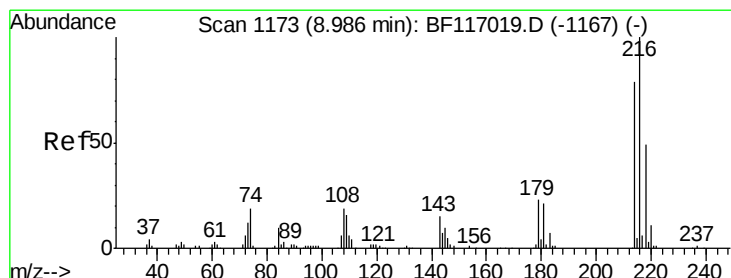
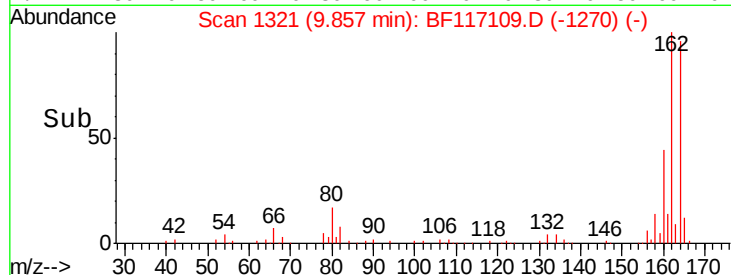
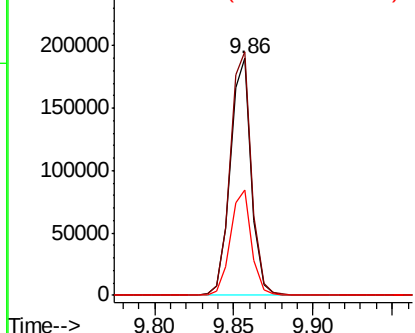
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 173749
Ion Ratio Lower Upper
164 100
162 102.9 83.4 125.2
160 44.7 36.4 54.6

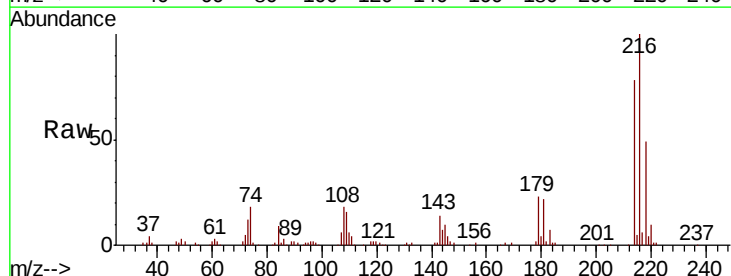


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

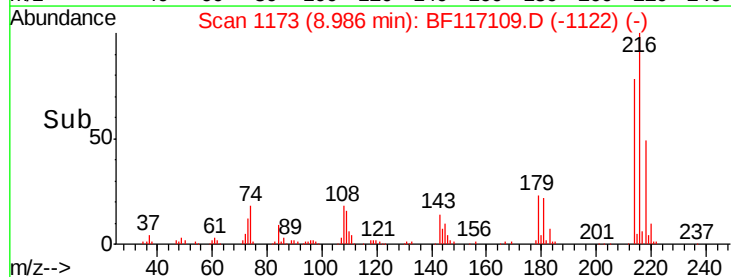
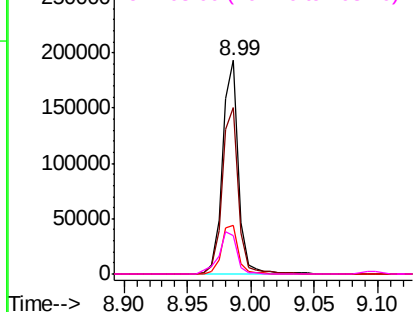


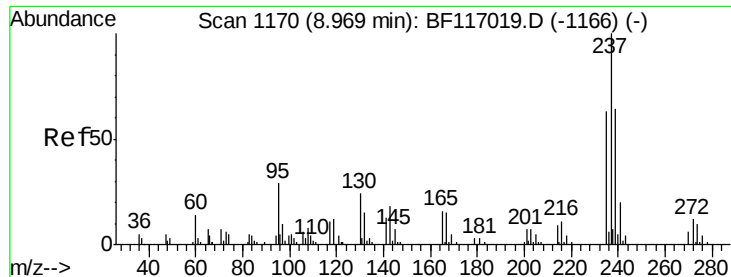
#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.782 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion:216 Resp: 169513
Ion Ratio Lower Upper
216 100
214 79.9 63.6 95.4
179 24.4 18.3 27.5
108 22.6 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: 44.765 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampled :

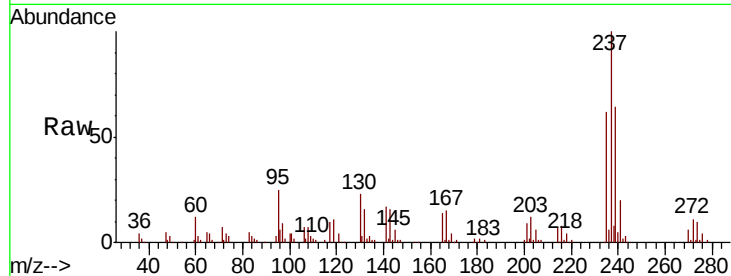
Tot Ion:237 Resp: 81178

Ion Ratio Lower Upper

237 100

235 61.9 43.2 83.2

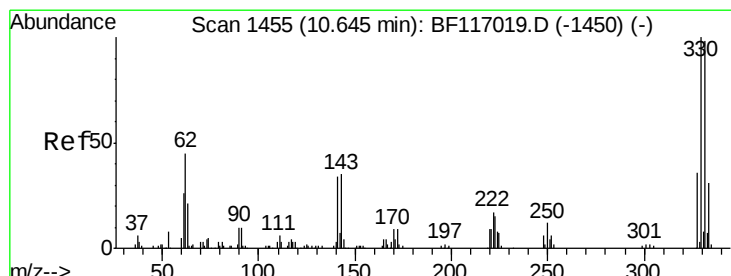
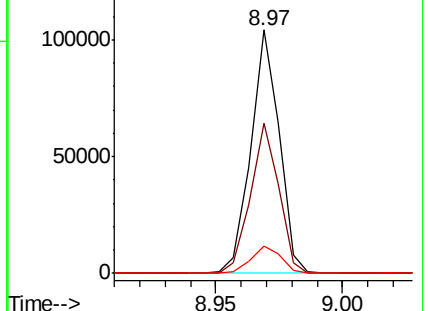
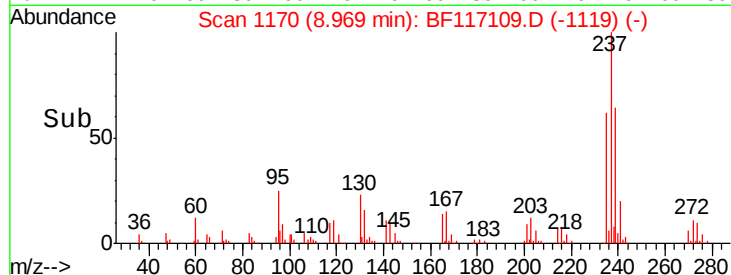
272 11.4 0.0 31.9



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: 79.665 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

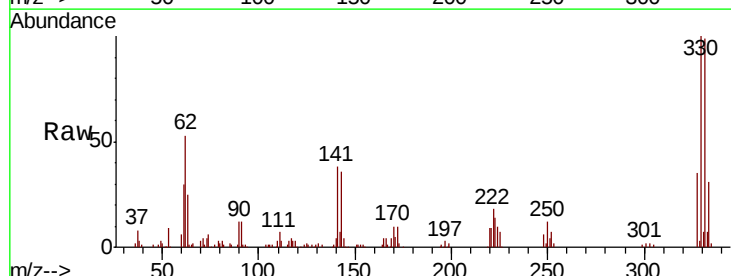
Tgt Ion:330 Resp: 115685

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

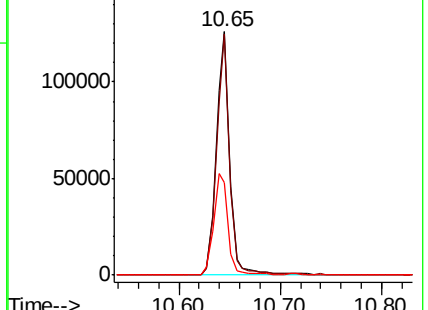
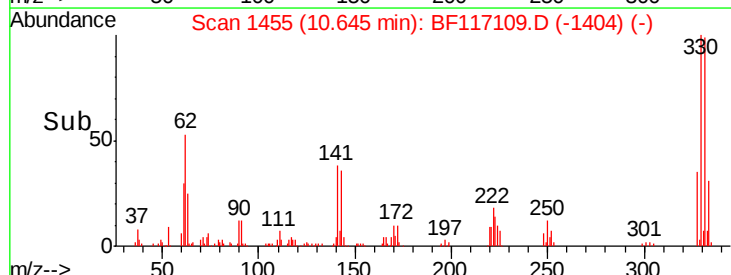
141 44.7 35.8 53.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

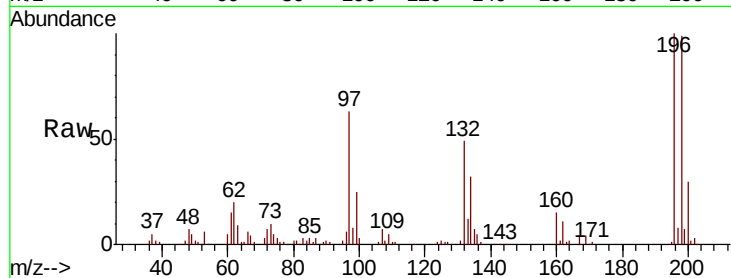




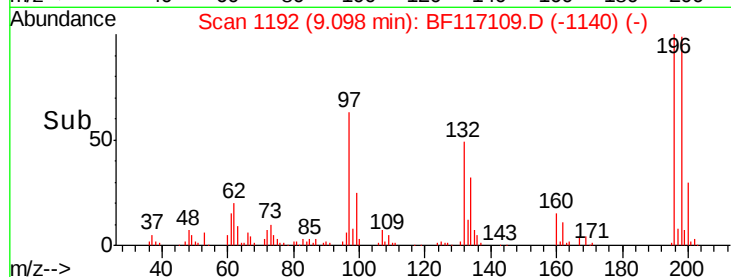
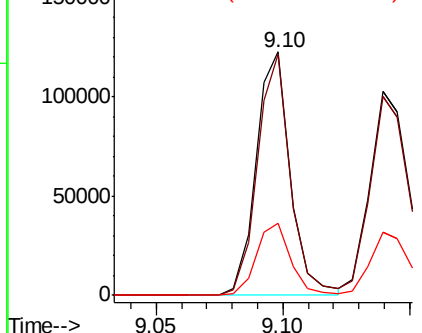
#43
 2,4,6-Trichlorophenol
 Concen: 37.863 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 115286
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.7 113.5
 200 29.6 23.3 34.9



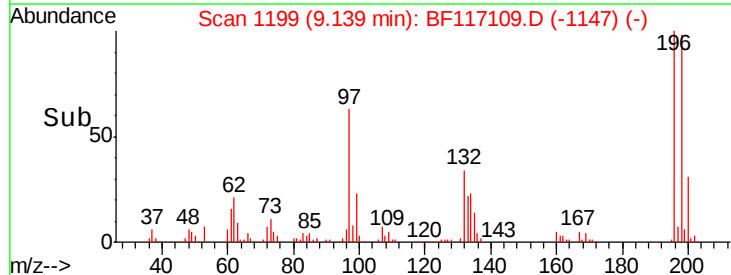
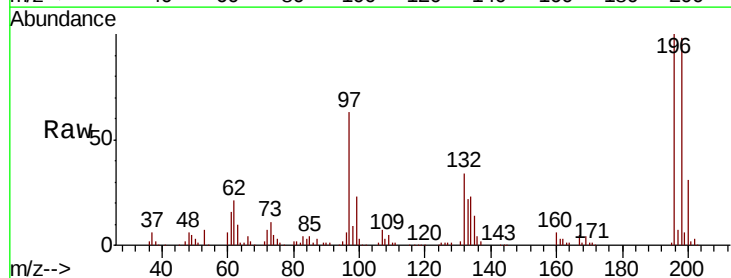
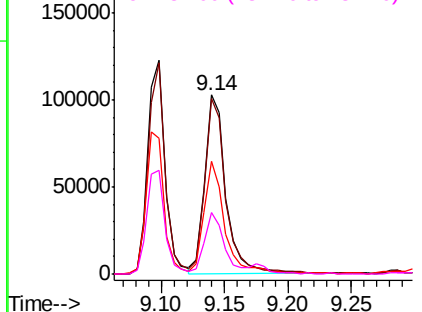
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

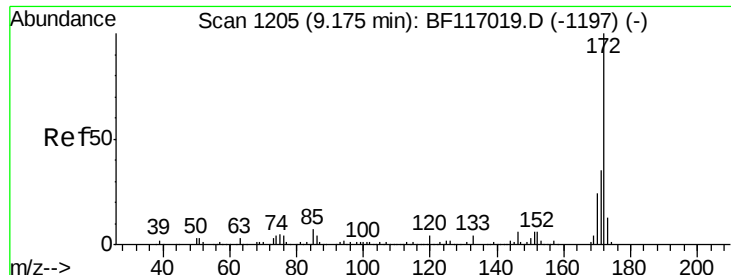


#44
 2,4,5-Trichlorophenol
 Concen: 36.671 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion:196 Resp: 119295
 Ion Ratio Lower Upper
 196 100
 198 97.6 74.6 112.0
 97 62.9 49.5 74.3
 132 34.4 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

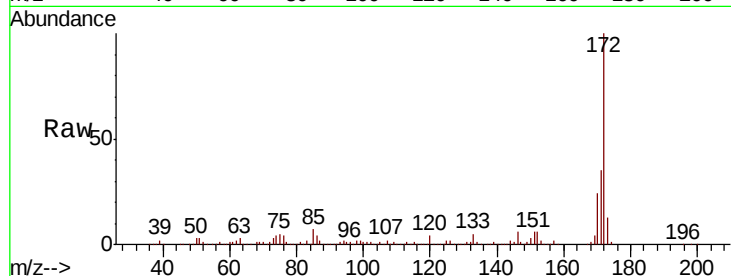




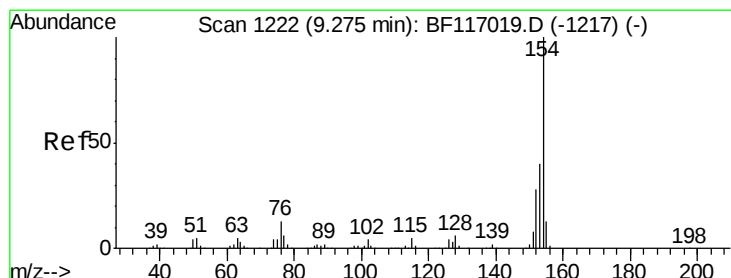
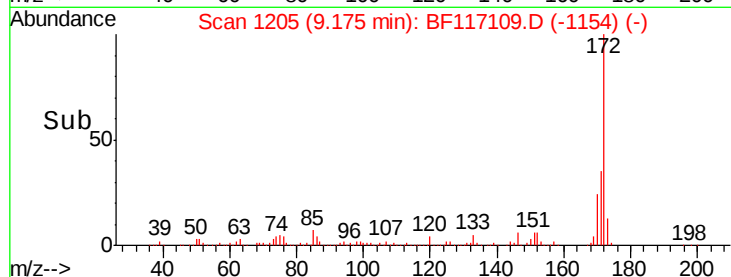
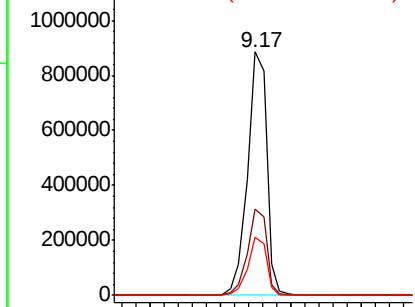
#45
2-Fluorobiphenyl
Concen: 76.554 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampled :

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

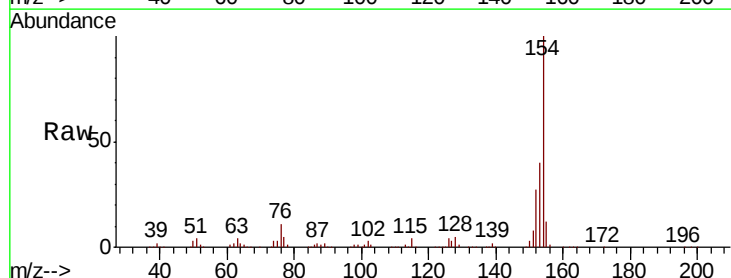


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

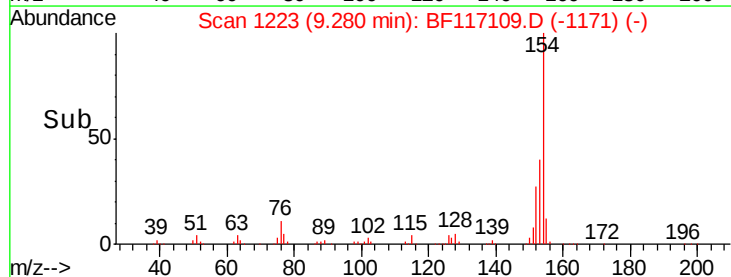
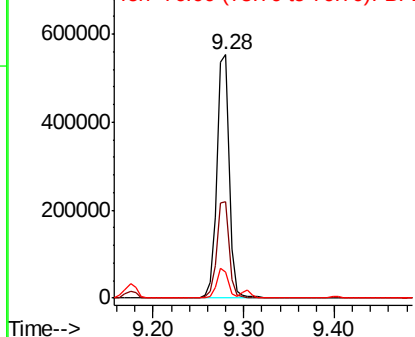


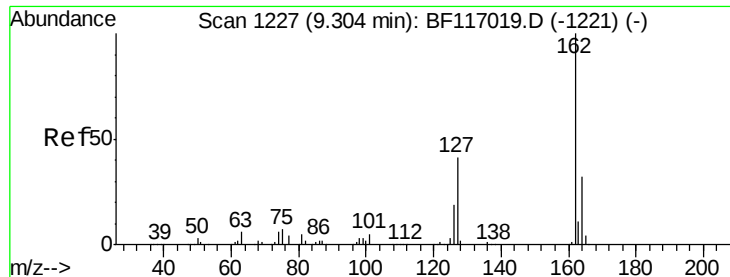
#46
1,1'-Biphenyl
Concen: 38.136 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.0	60.0
76	10.7	0.0	32.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

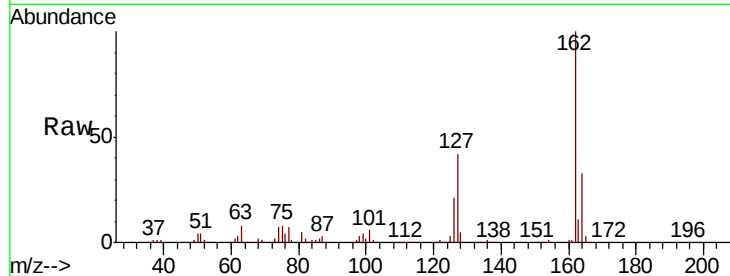




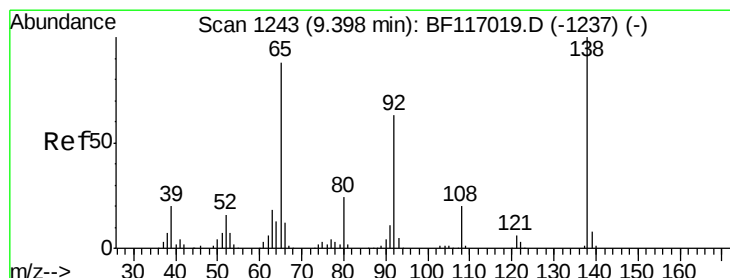
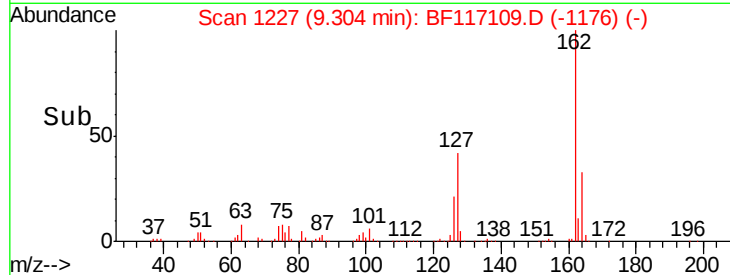
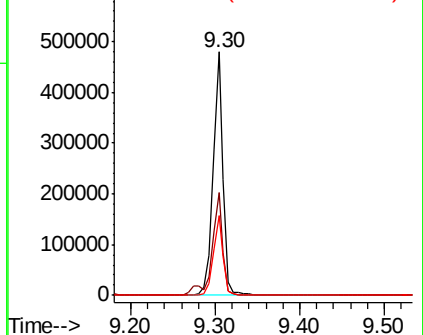
#47
2-Chloronaphthalene
Concen: 37.650 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 404970
Ion Ratio Lower Upper
162 100
127 42.3 34.1 51.1
164 32.7 25.9 38.9

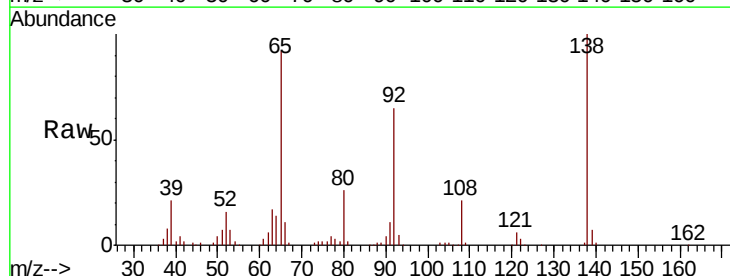


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

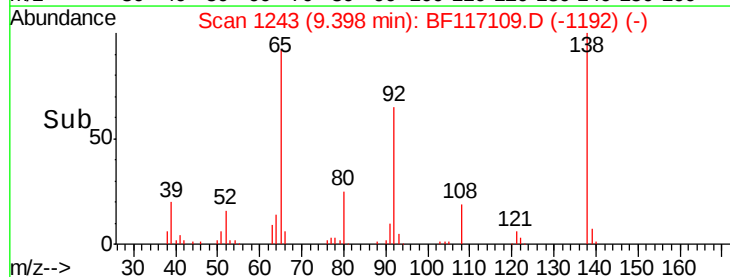
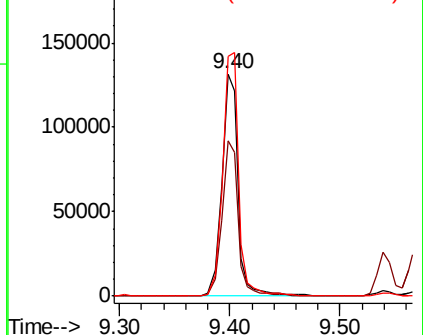


#48
2-Nitroaniline
Concen: 39.066 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion: 65 Resp: 134778
Ion Ratio Lower Upper
65 100
92 70.0 57.5 86.3
138 108.1 90.6 136.0



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





#49

Acenaphthylene

Concen: 38.142 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

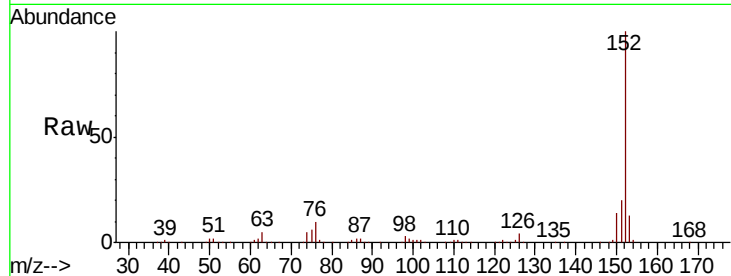
Tot Ion:152 Resp: 614592

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

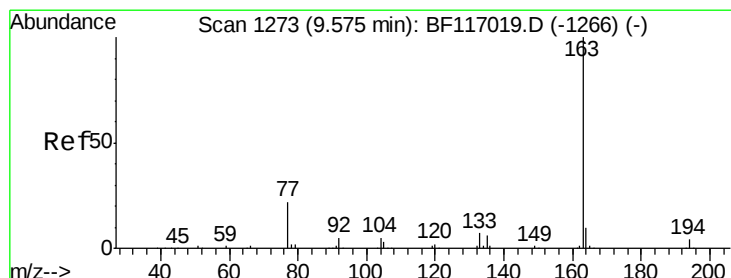
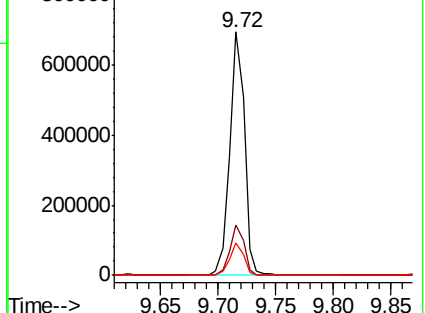
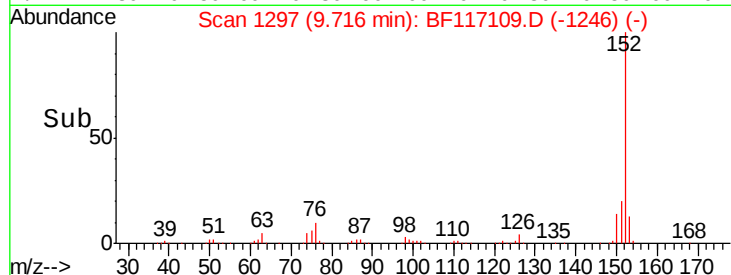
153 13.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.682 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

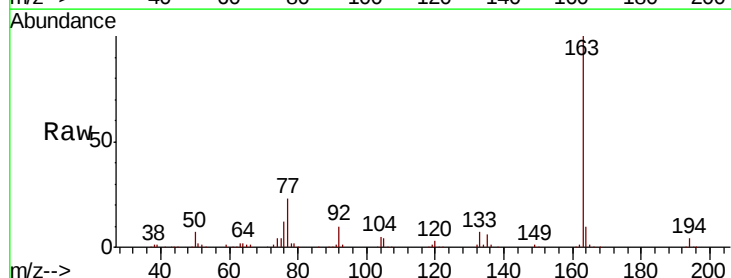
Tgt Ion:163 Resp: 475875

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

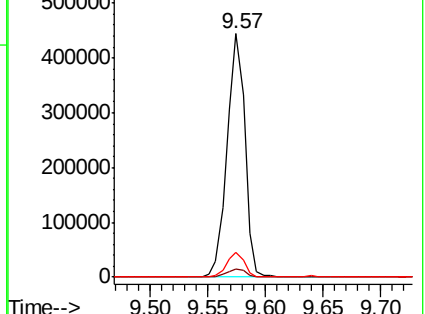
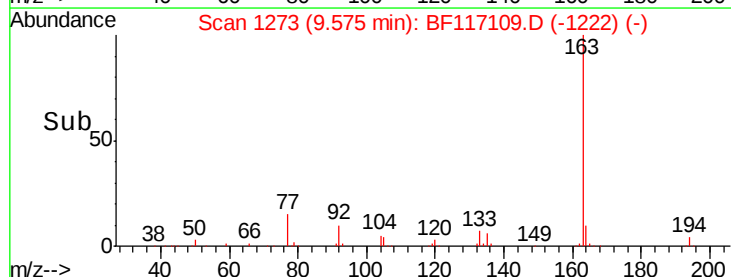
164 10.2 8.2 12.4

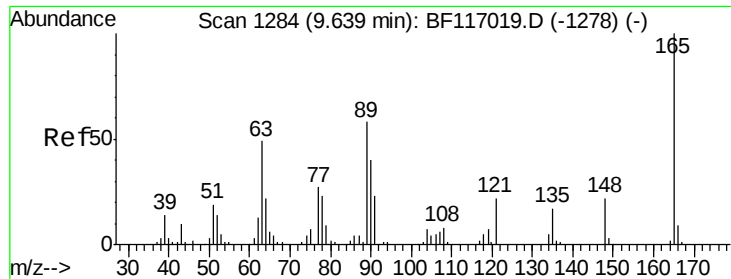


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

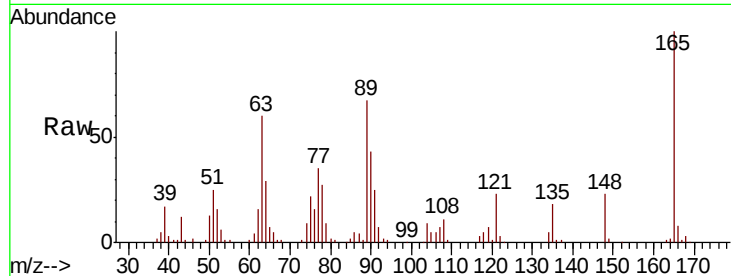




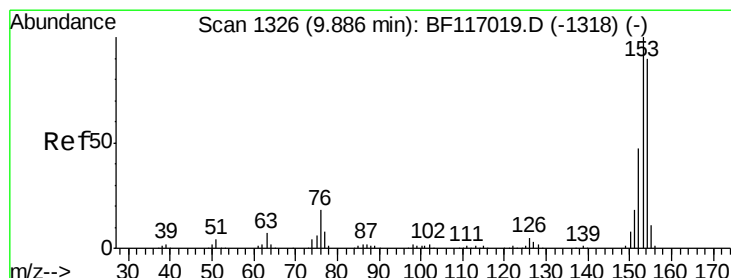
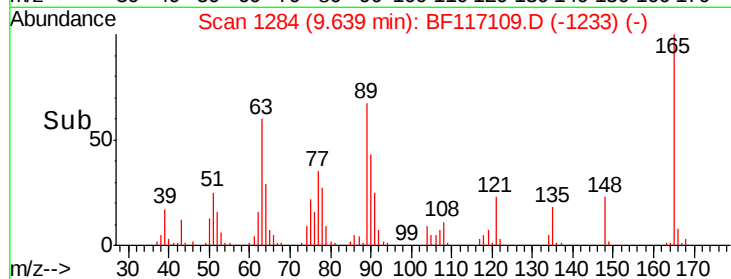
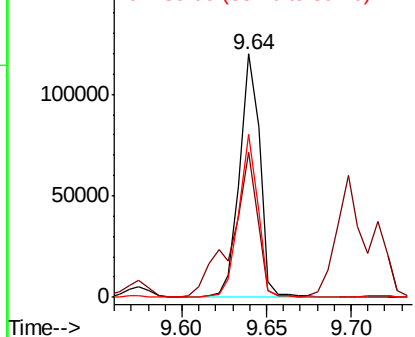
#51
 2,6-Dinitrotoluene
 Concen: 40.107 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 100491
 Ion Ratio Lower Upper
 165 100
 63 59.8 41.8 62.8
 89 66.7 46.5 69.7

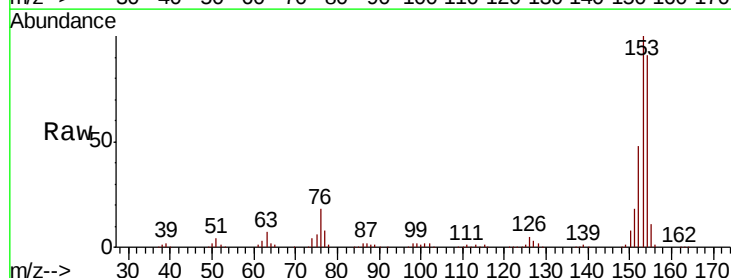


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

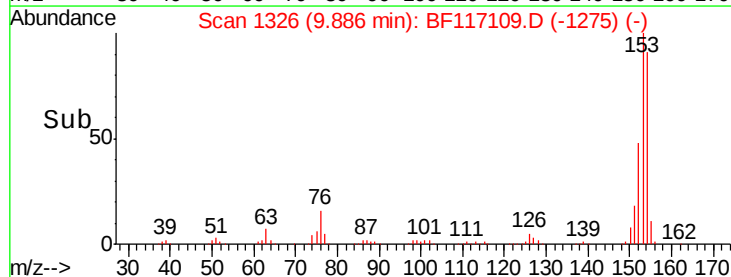
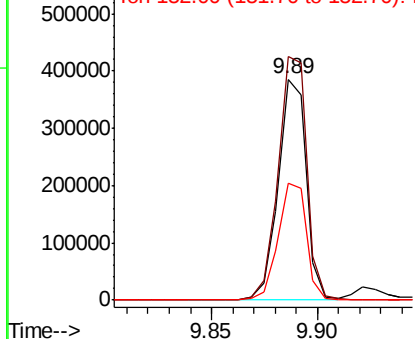


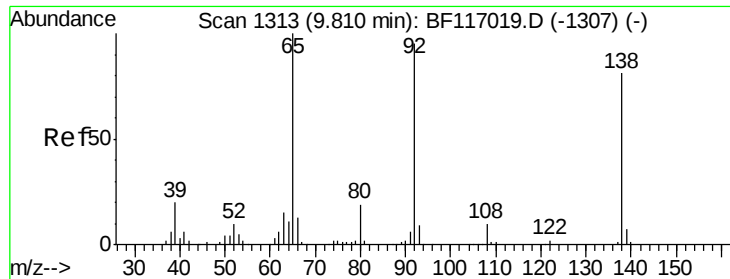
#52
 Acenaphthene
 Concen: 37.336 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion:154 Resp: 356624
 Ion Ratio Lower Upper
 154 100
 153 110.1 89.0 133.6
 152 52.6 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

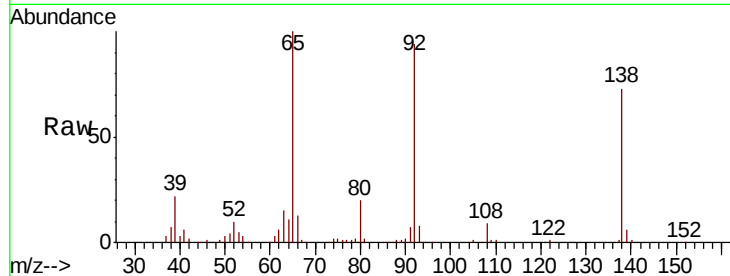




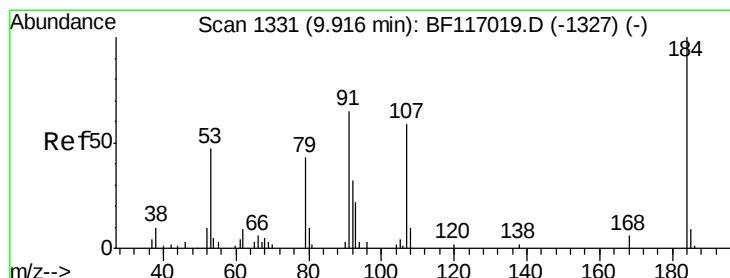
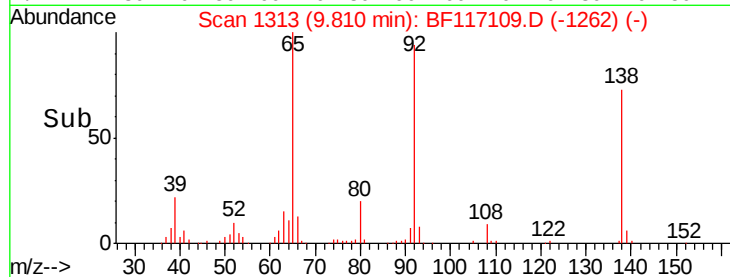
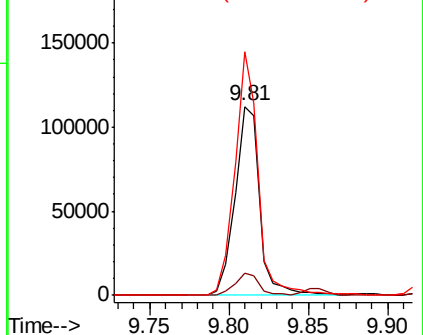
#53
3-Nitroaniline
Concen: 38.264 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 120963
Ion Ratio Lower Upper
138 100
108 11.9 9.5 14.3
92 128.9 94.1 141.1

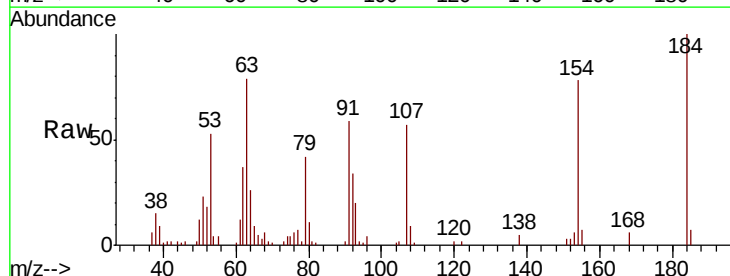


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

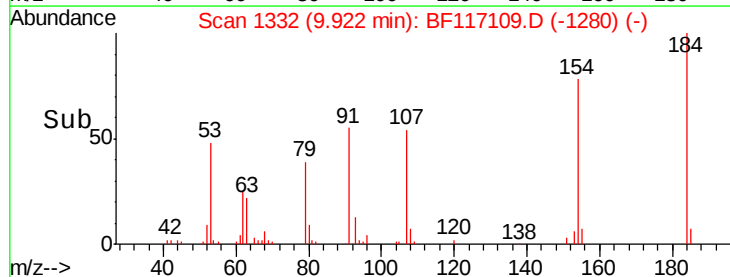
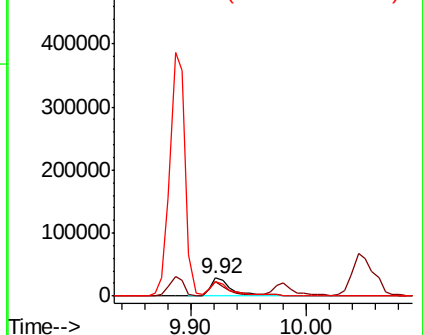


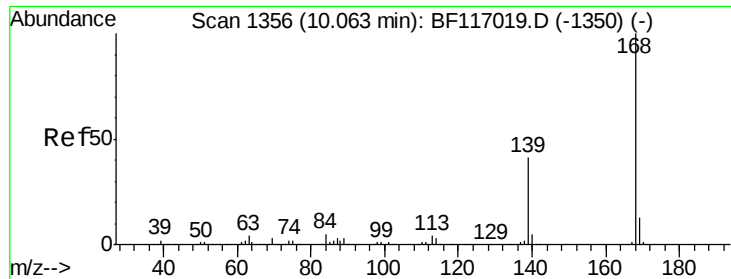
#54
2,4-Dinitrophenol
Concen: 41.282 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion:184 Resp: 39242
Ion Ratio Lower Upper
184 100
63 79.5 63.8 95.6
154 77.6 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

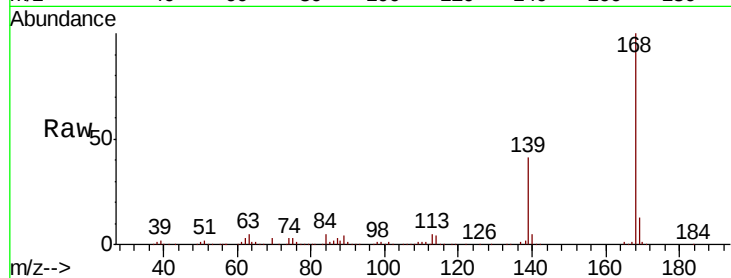




#55
Dibenzenofuran
Concen: 38.037 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	32.8	49.2
169	13.4	10.5	15.7

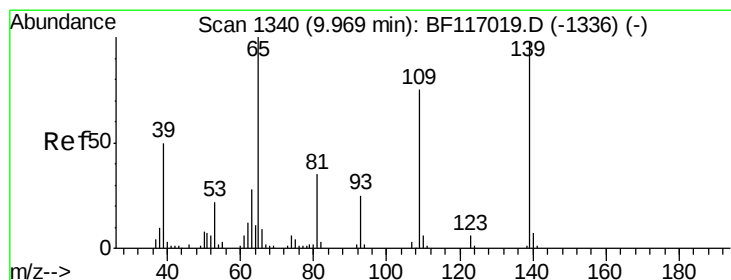
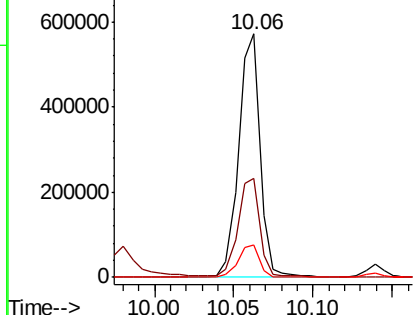
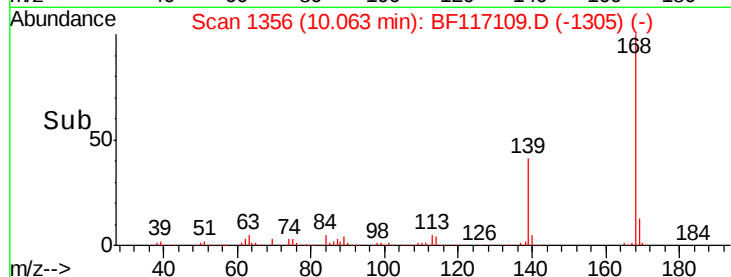


Abundance

Ion 168.00 (167.70 to 168.70): E

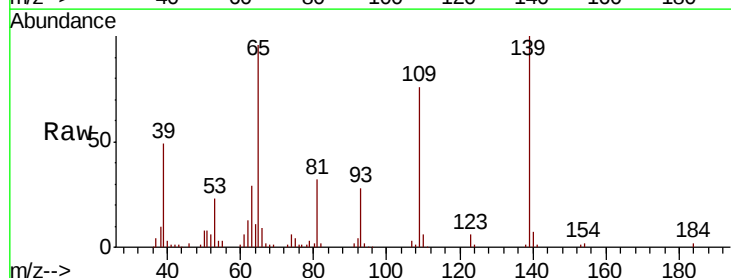
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 42.438 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.8	56.4	96.4
65	96.1	82.5	122.5

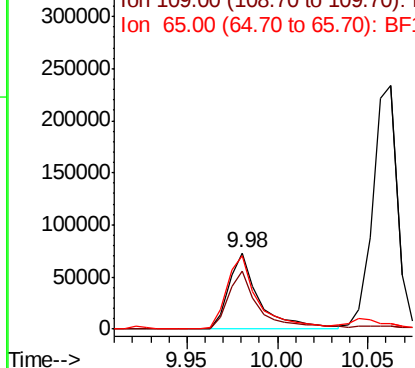
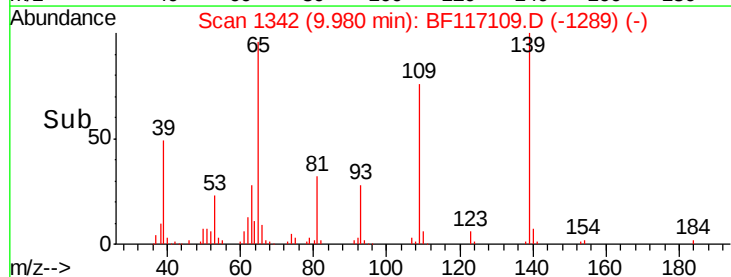


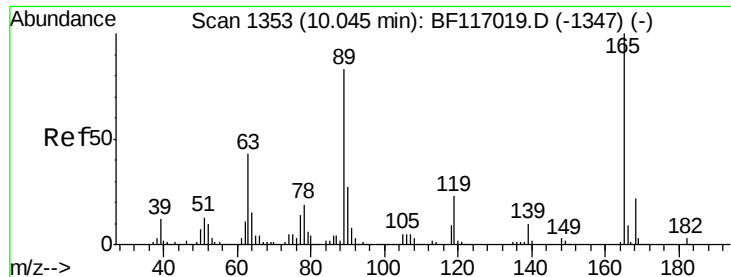
Abundance

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

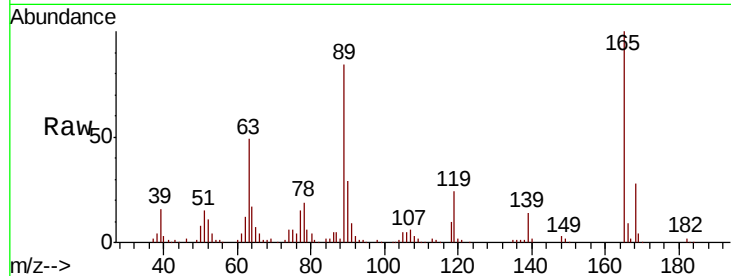




#57
 2,4-Dinitrotoluene
 Concen: 41.712 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	49.3	35.0	52.4	
89	84.0	66.1	99.1	
182	2.4	2.0	3.0	



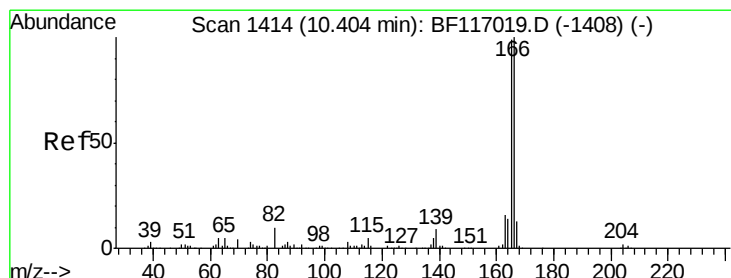
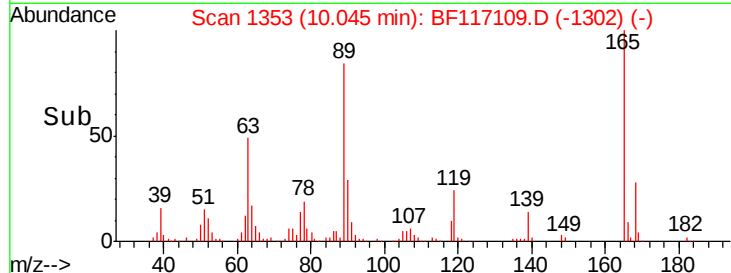
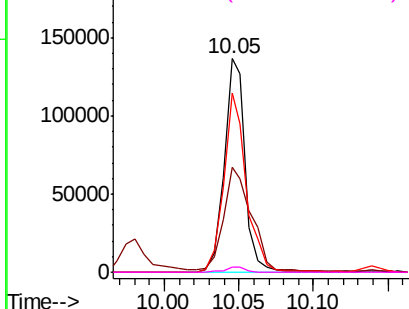
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

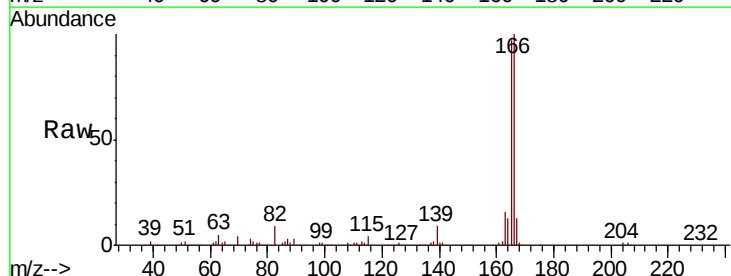
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 38.682 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	96.8	78.9	118.3	
167	13.2	10.6	15.8	

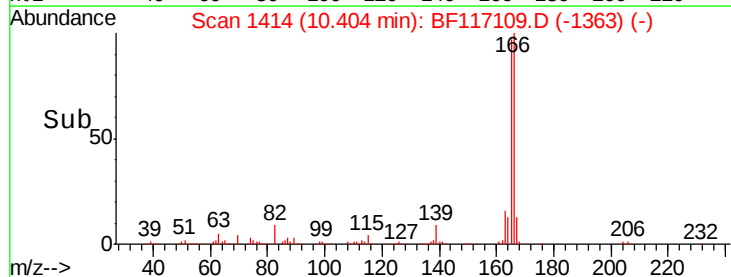
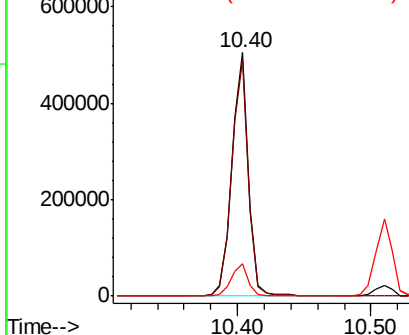


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

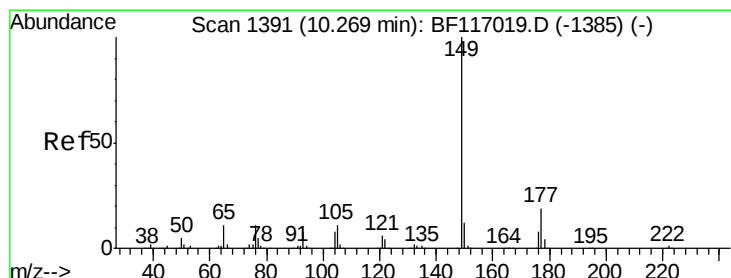
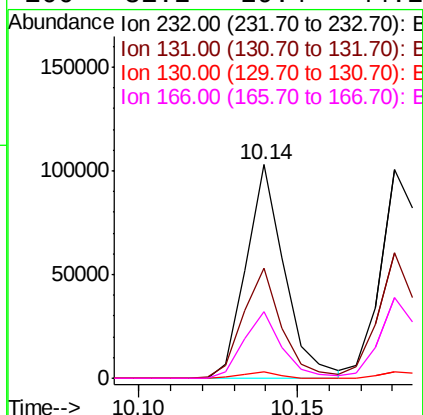
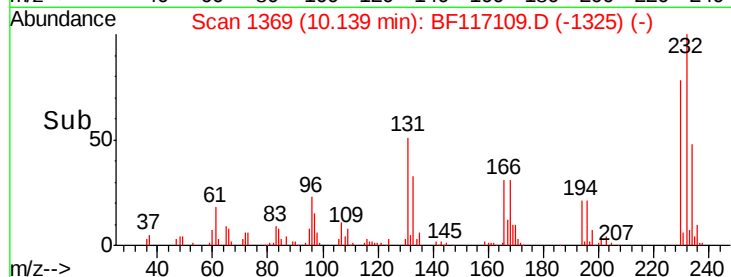
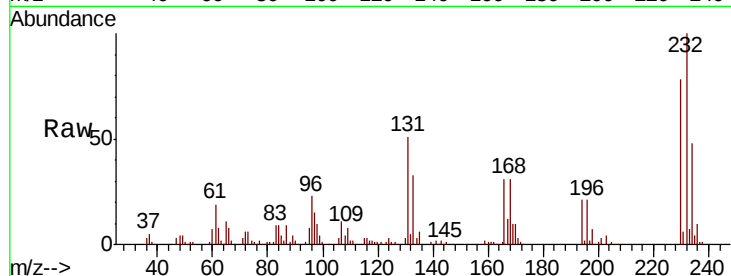




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.762 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

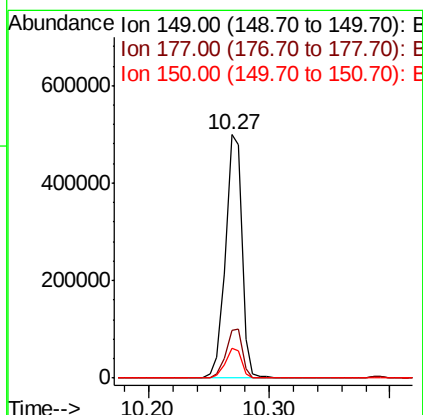
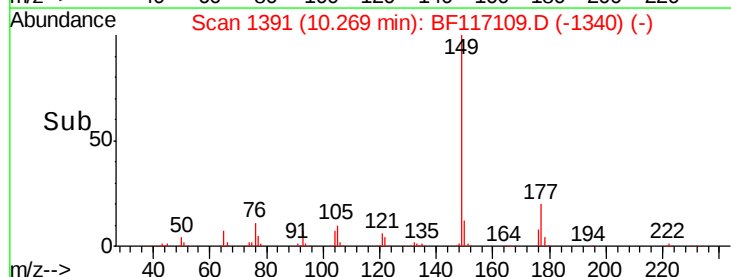
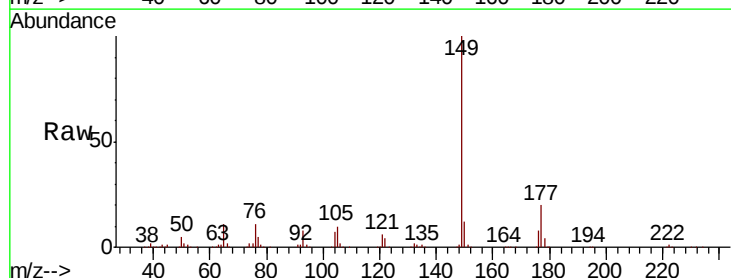
Instrument :
 BNA_F
 ClientSampleId :

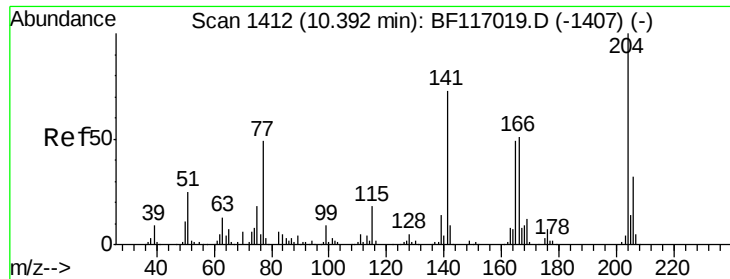
Tot Ion	Ratio	Lower	Upper
232	100		
131	52.3	45.3	67.9
130	2.7	1.8	2.8
166	31.2	29.4	44.2



#60
 Diethylphthalate
 Concen: 39.296 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.7	15.2	22.8
150	12.4	9.9	14.9





#61

4-Chlorophenyl-phenylether

Concen: 40.162 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

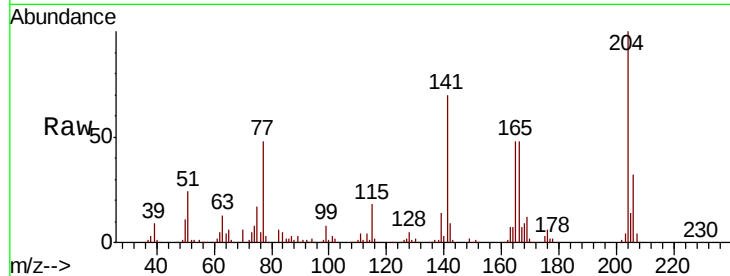
Tot Ion:204 Resp: 197266

Ion Ratio Lower Upper

204 100

206 31.9 26.0 39.0

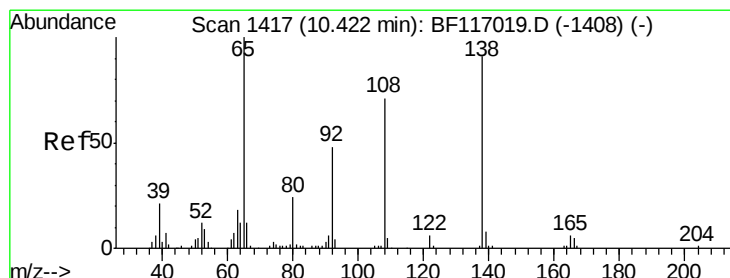
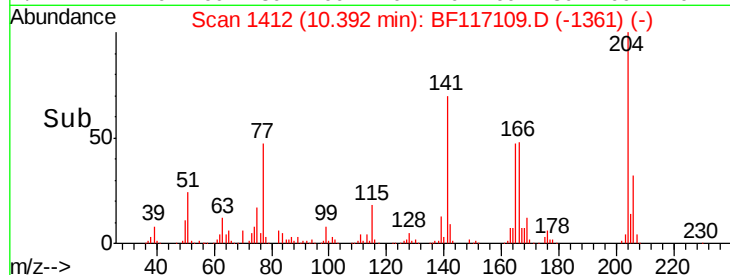
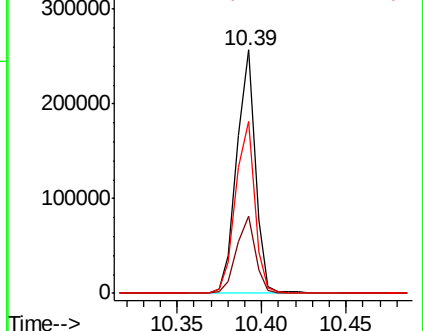
141 70.5 58.2 87.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 38.537 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

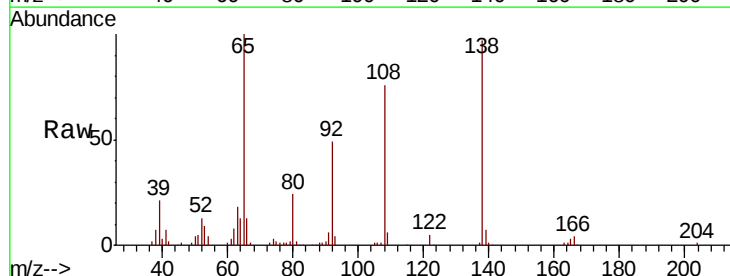
Tgt Ion:138 Resp: 126694

Ion Ratio Lower Upper

138 100

92 50.8 32.9 72.9

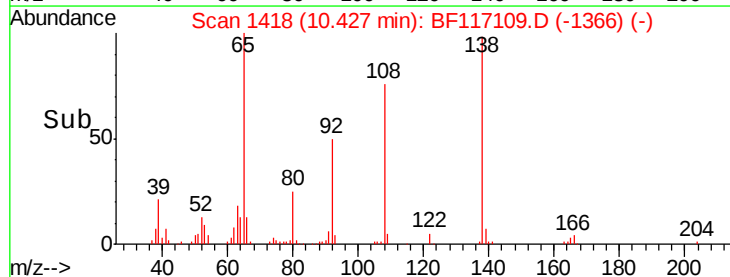
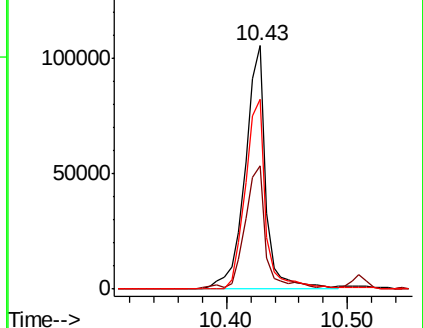
108 78.0 58.3 98.3

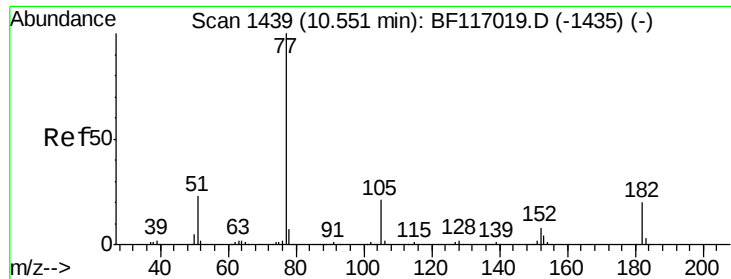


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.891 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 468386

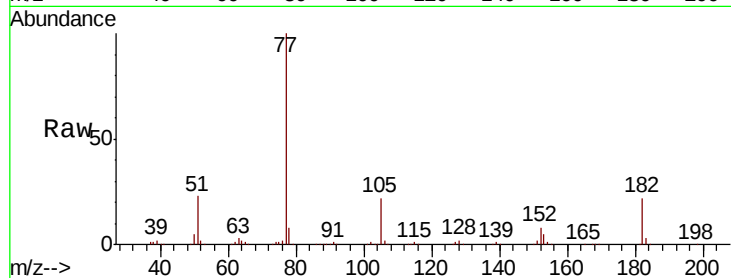
Ion Ratio Lower Upper

77 100

182 21.5 0.4 40.4

105 22.2 0.9 40.9

51 23.2 2.8 42.8

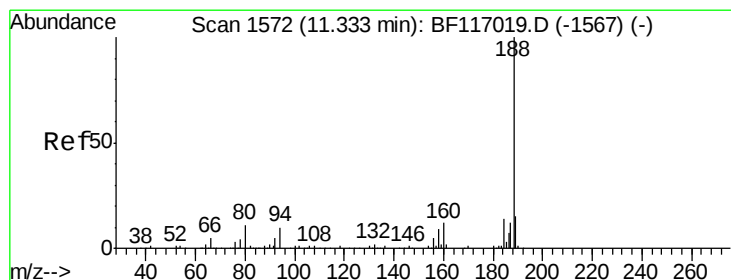
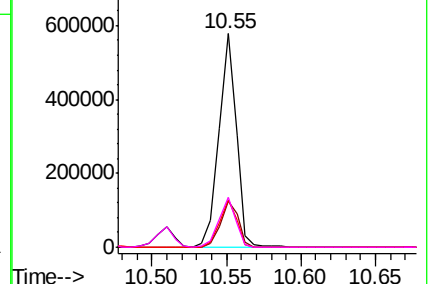
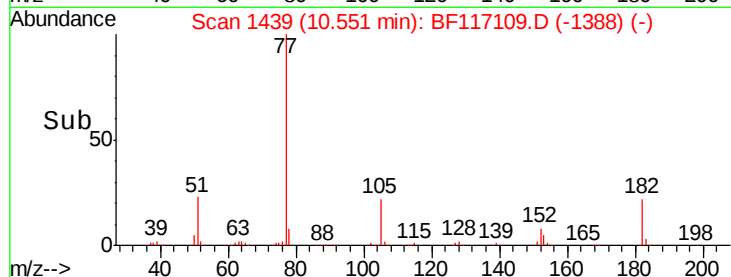


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

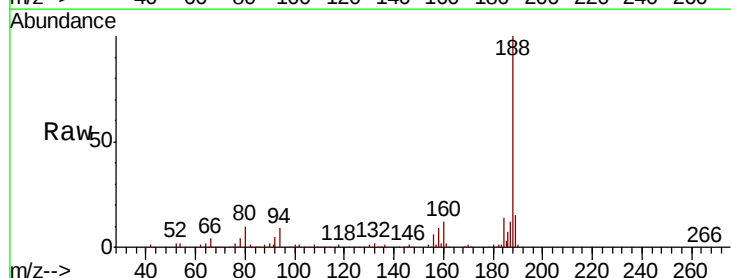
Tgt Ion: 188 Resp: 285872

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

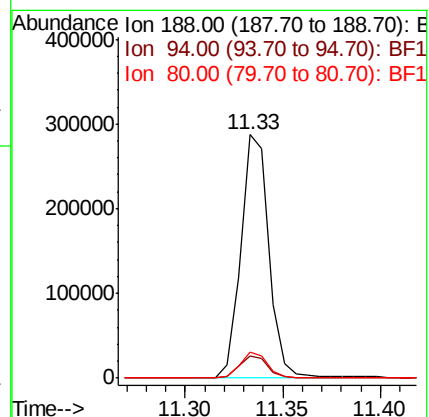
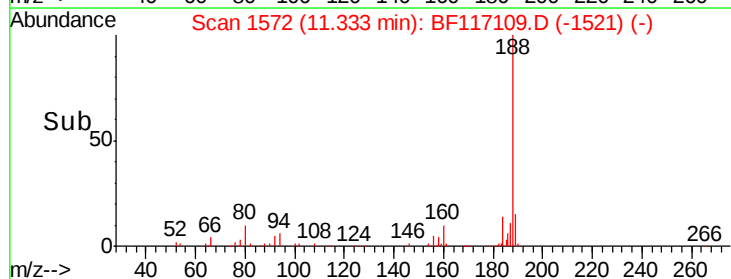
80 10.5 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

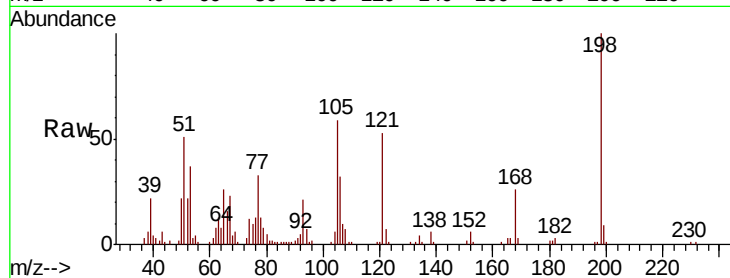




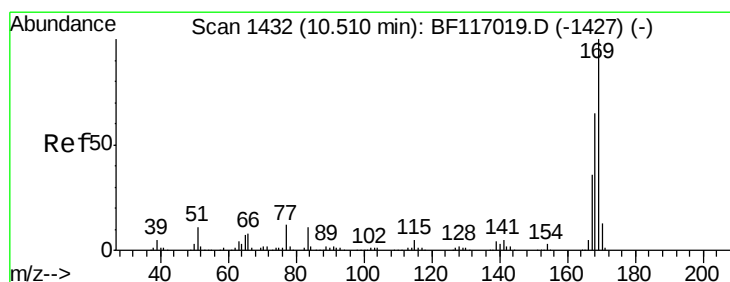
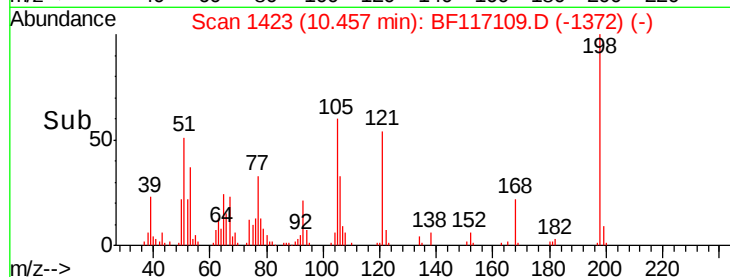
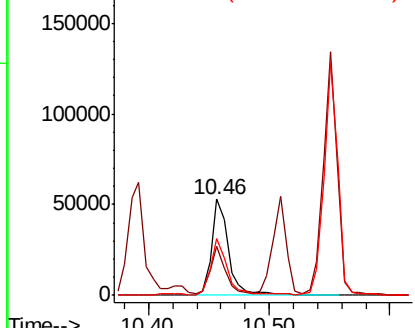
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.823 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 51605
 Ion Ratio Lower Upper
 198 100
 51 51.0 18.7 58.7
 105 59.3 30.2 70.2

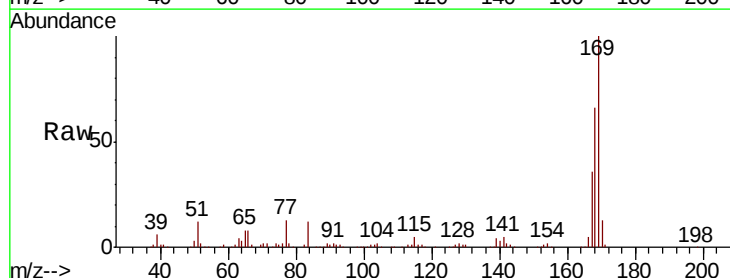


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

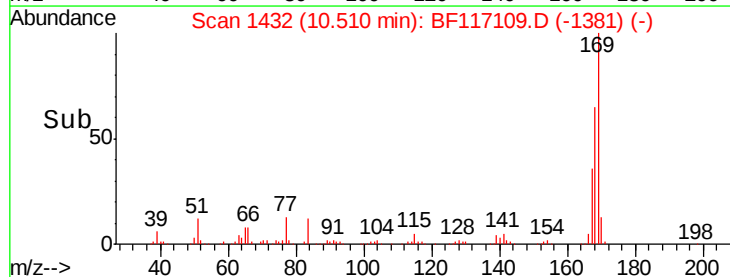
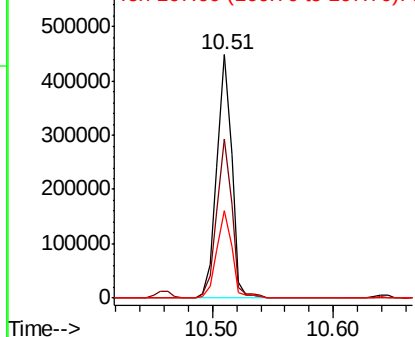


#66
 n-Nitrosodiphenylamine
 Concen: 38.407 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion:169 Resp: 379185
 Ion Ratio Lower Upper
 169 100
 168 65.5 52.2 78.2
 167 35.9 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: 38.848 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:248 Resp: 113413

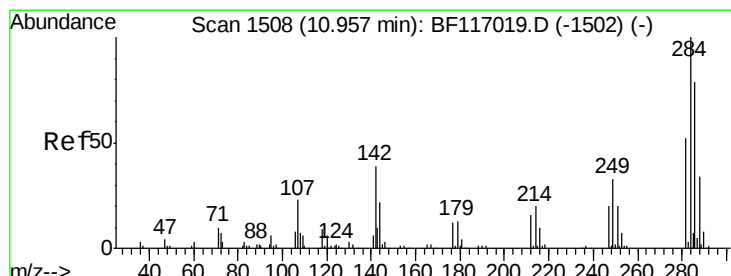
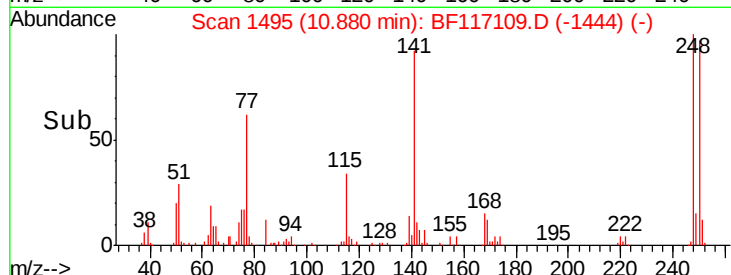
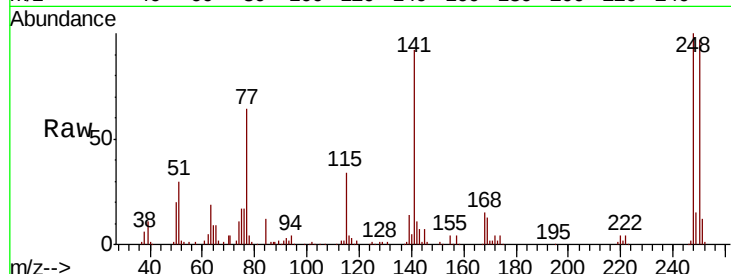
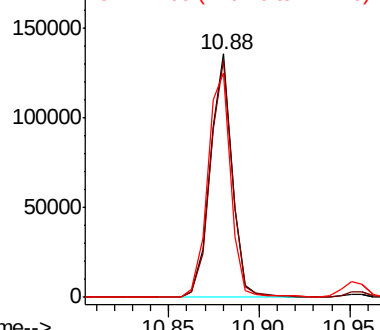
Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.2	114.4
141	92.2	75.0	112.4

Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.171 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Tgt Ion:284 Resp: 121886

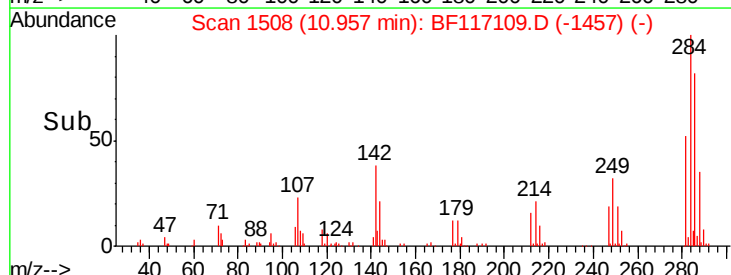
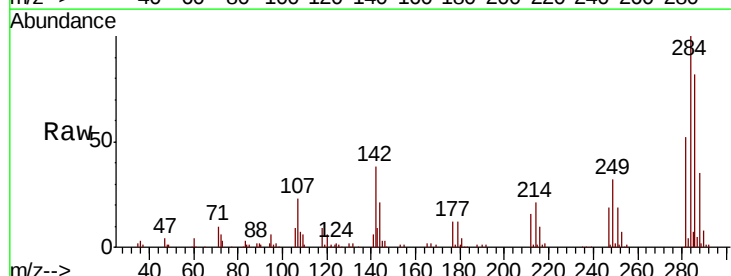
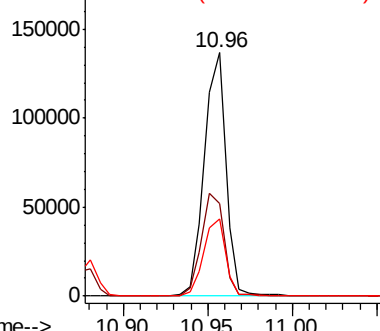
Ion	Ratio	Lower	Upper
284	100		
142	37.9	31.4	47.2
249	31.6	26.5	39.7

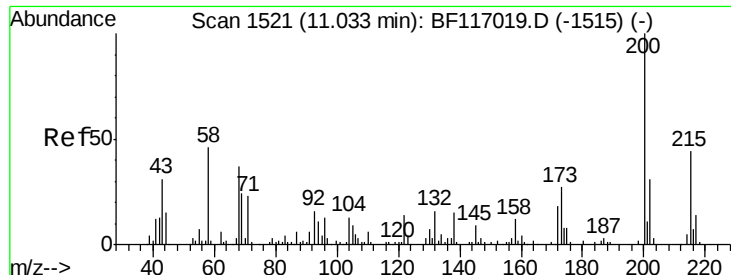
Abundance

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: 38.708 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampled :

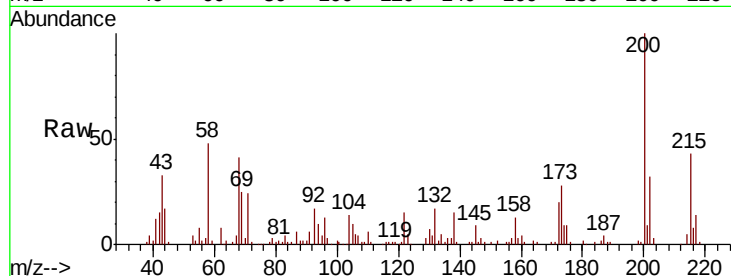
Tot Ion:200 Resp: 98737

Ion Ratio Lower Upper

200 100

173 27.9 6.9 46.9

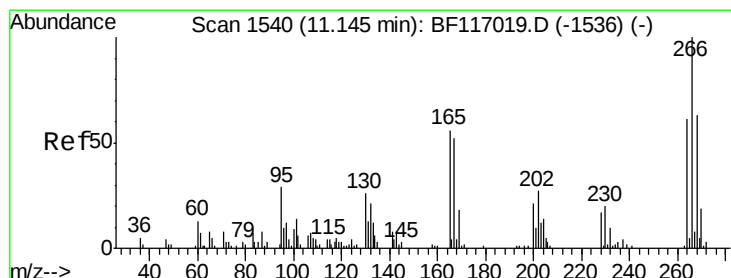
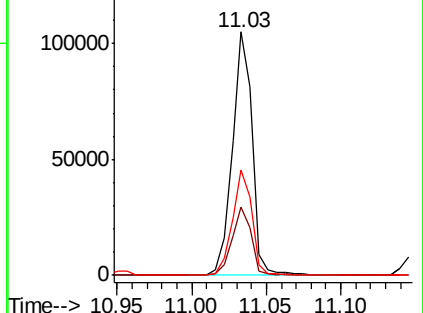
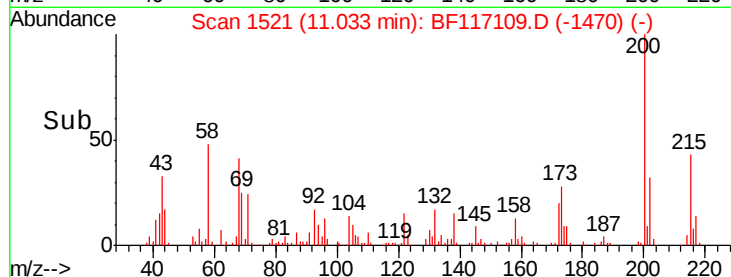
215 43.2 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 35.802 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

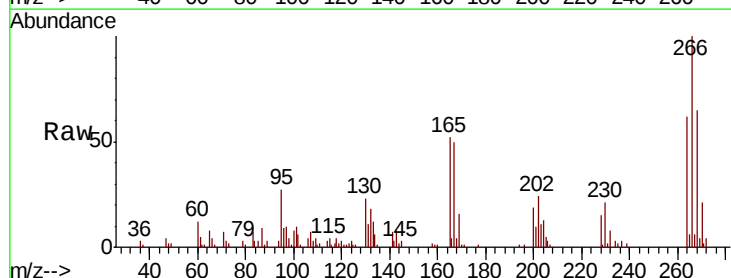
Tgt Ion:266 Resp: 53588

Ion Ratio Lower Upper

266 100

268 65.0 50.5 75.7

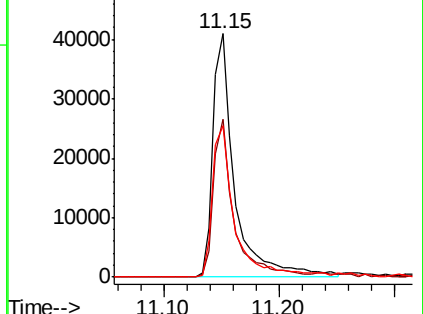
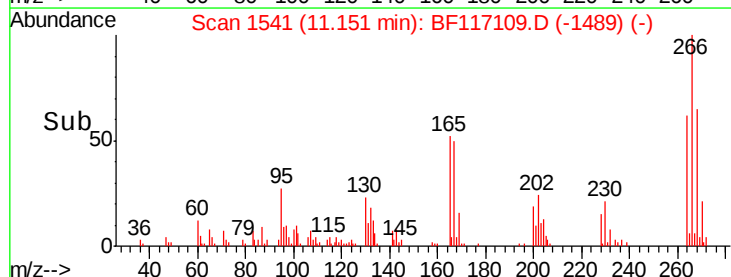
264 62.4 48.8 73.2

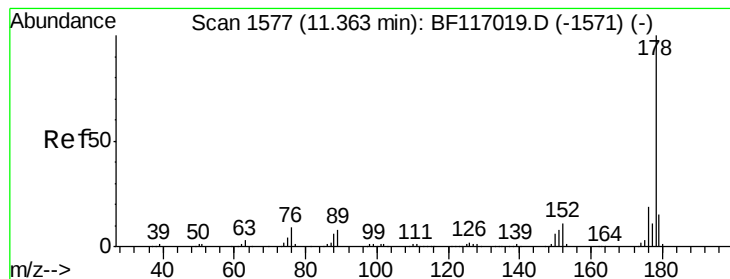


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.856 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampled :

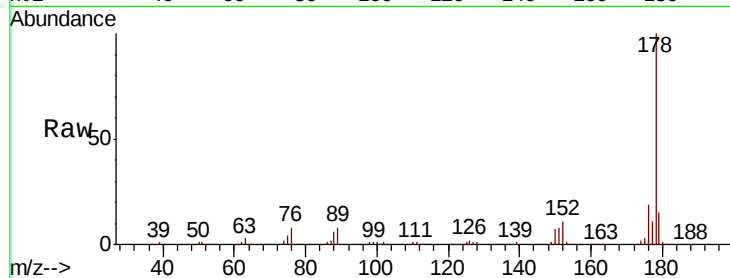
Tot Ion:178 Resp: 614689

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

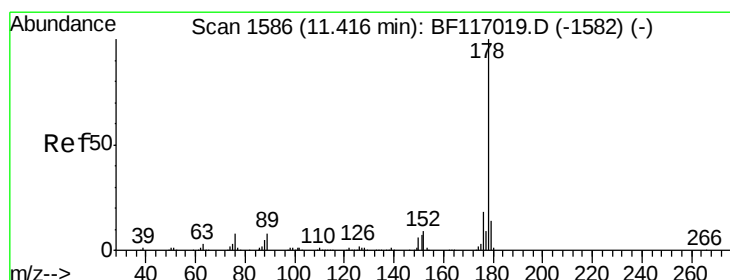
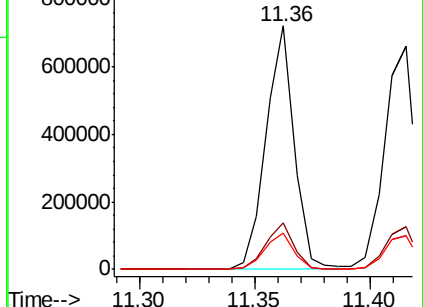
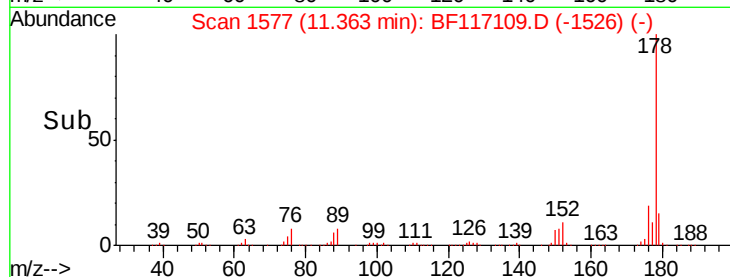
179 14.6 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.291 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

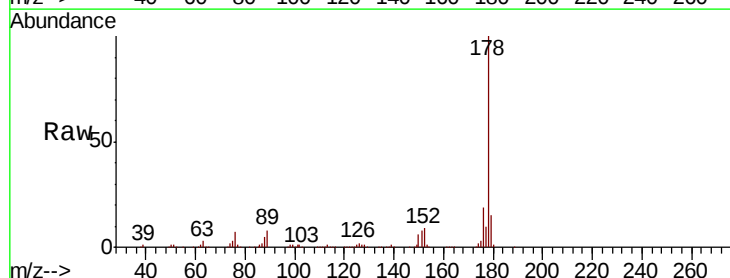
Tgt Ion:178 Resp: 634751

Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

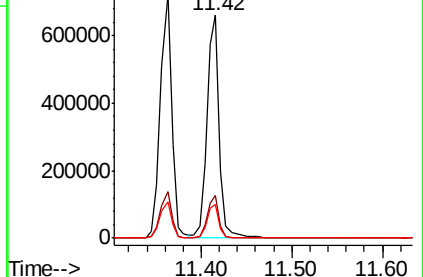
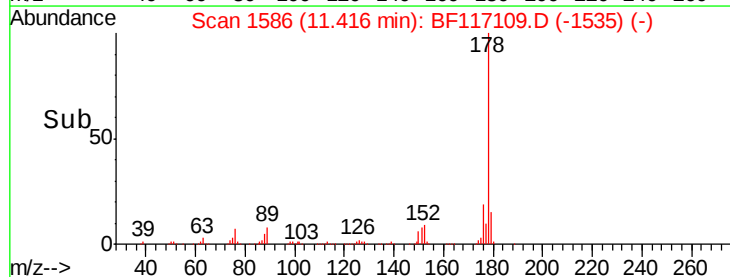
179 15.3 11.6 17.4

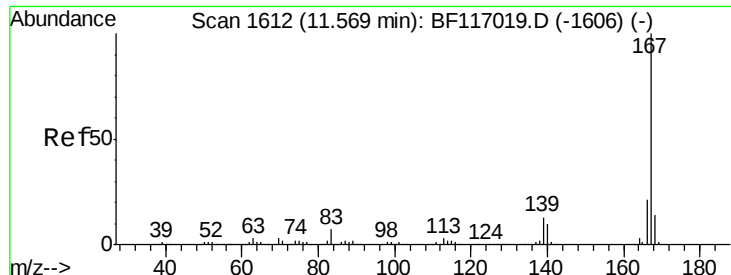


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

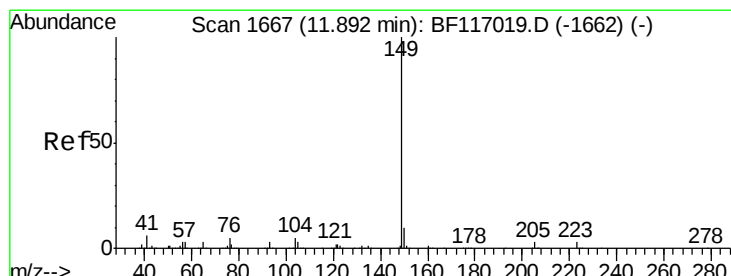
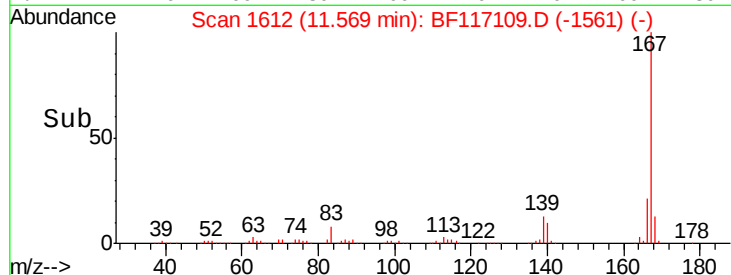
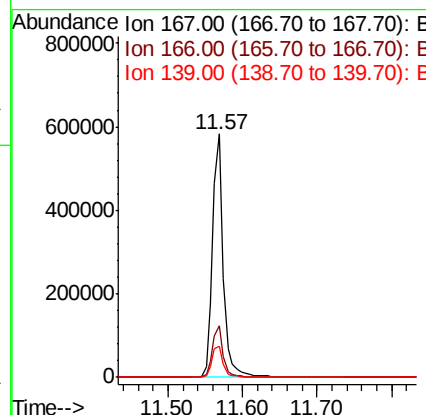
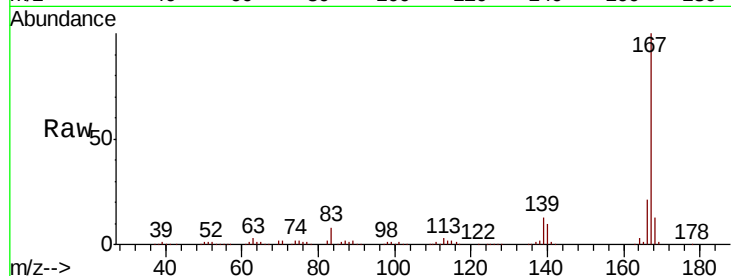




#73
 Carbazole
 Concen: 37.551 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

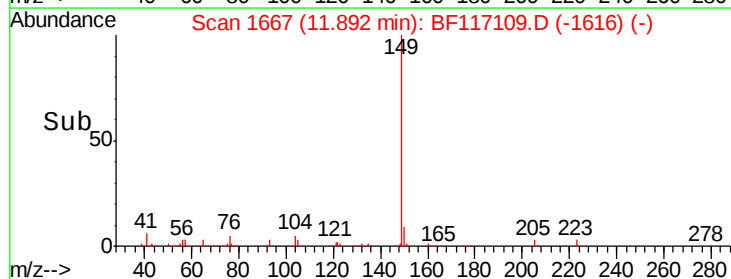
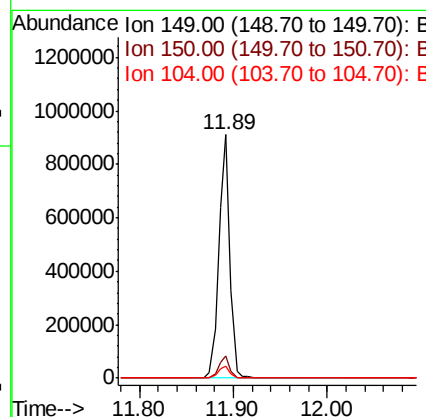
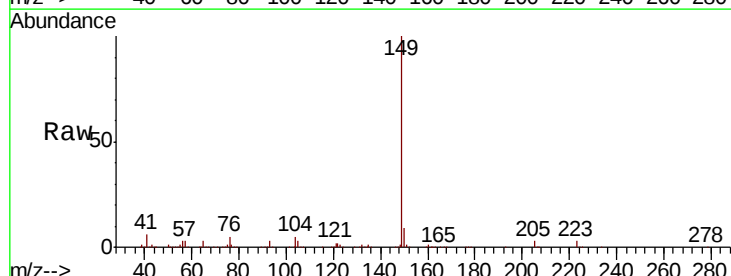
Instrument :
 BNA_F
 ClientSampleId :

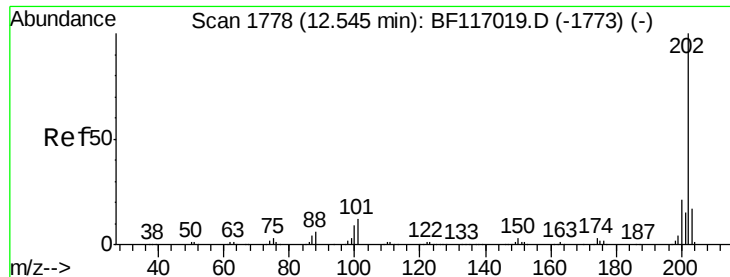
Tot Ion:167 Resp: 590872
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 40.313 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion:149 Resp: 754715
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.7 11.5
 104 4.9 4.2 6.4

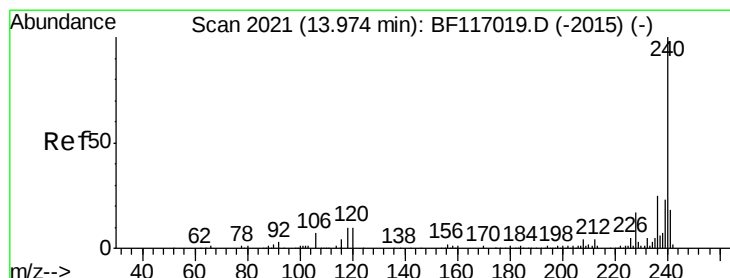
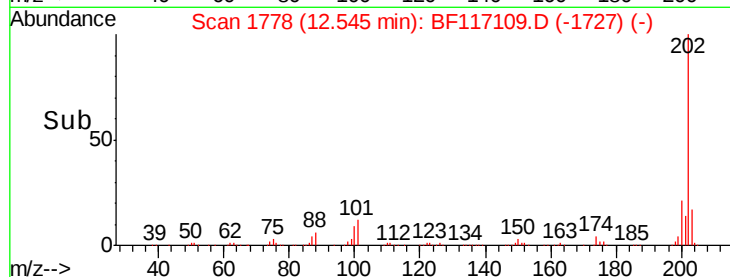
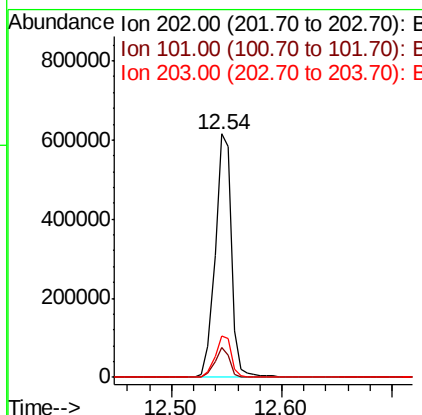
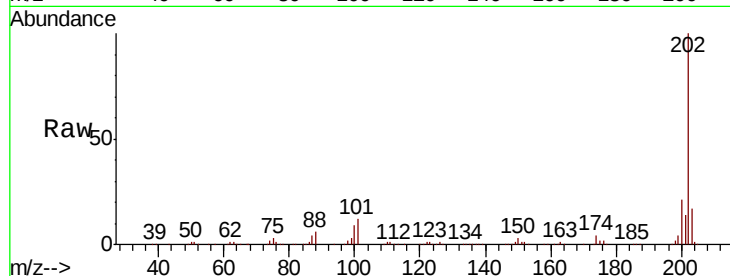




#75
 Fluoranthene
 Concen: 37.525 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

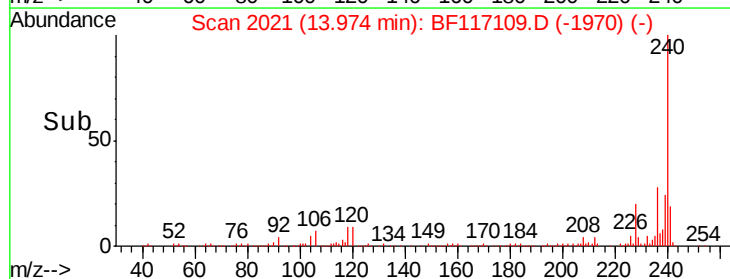
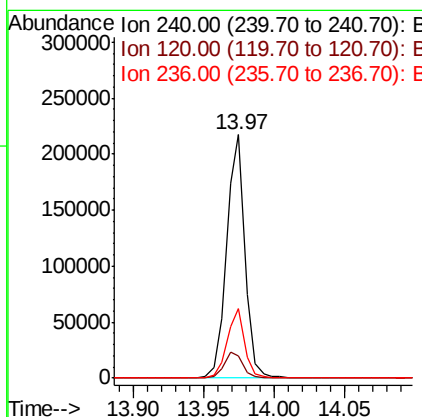
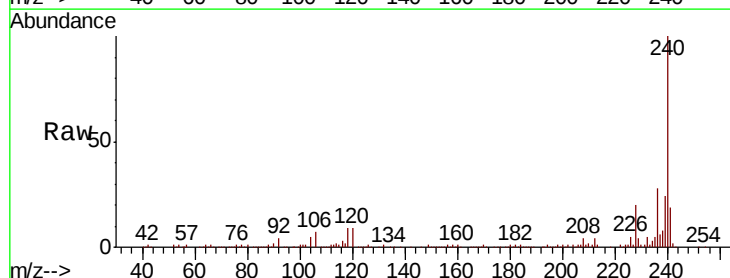
Instrument :
 BNA_F
 ClientSampleId :

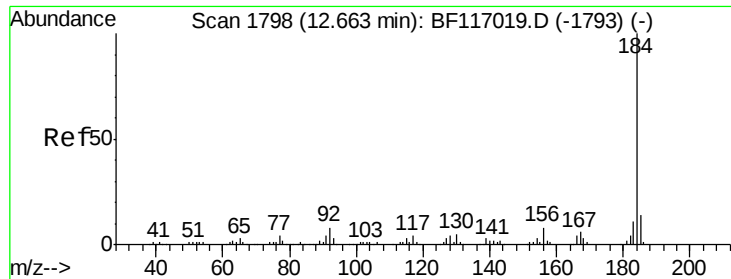
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.3
203	17.0	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117109.D
 Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.3	12.5
236	28.3	20.3	30.5

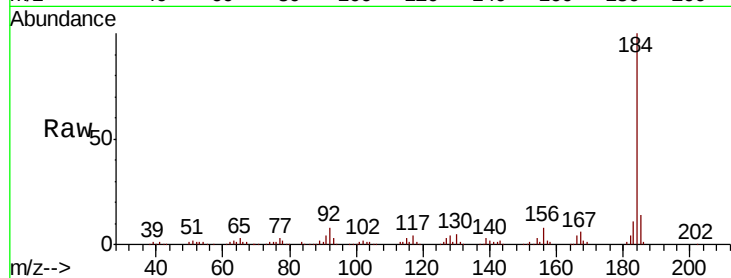




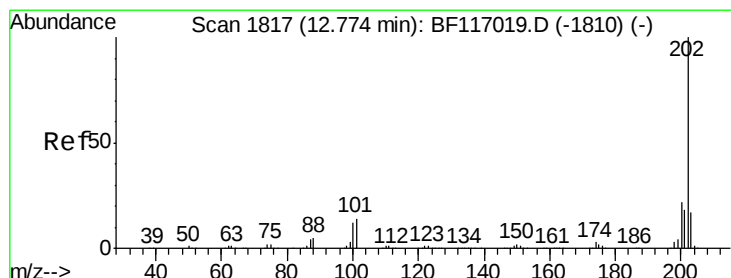
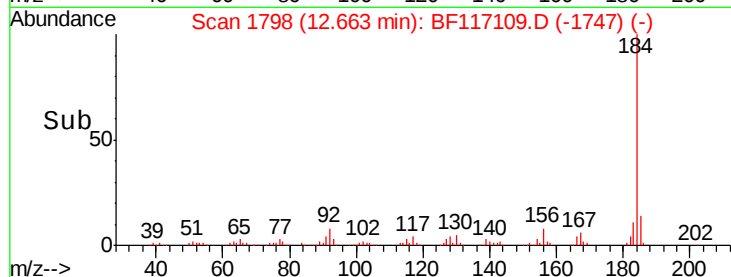
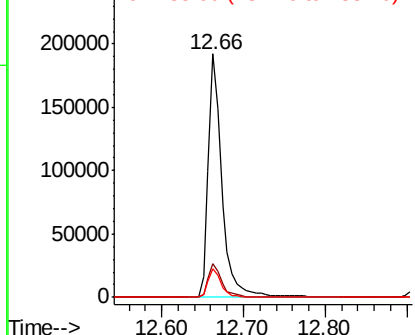
#77
Benzidine
Concen: 35.701 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 223970
Ion Ratio Lower Upper
184 100
185 13.6 11.6 17.4
183 11.5 9.0 13.4

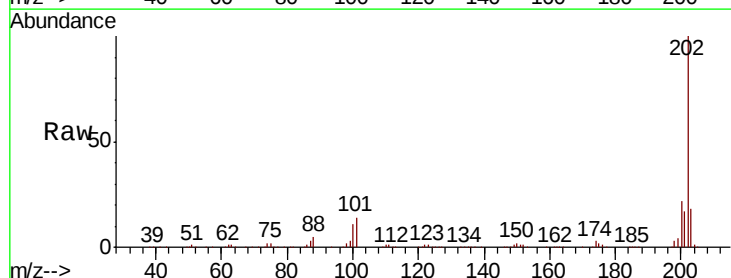


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

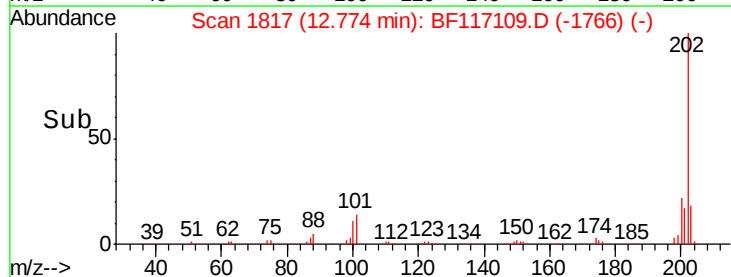
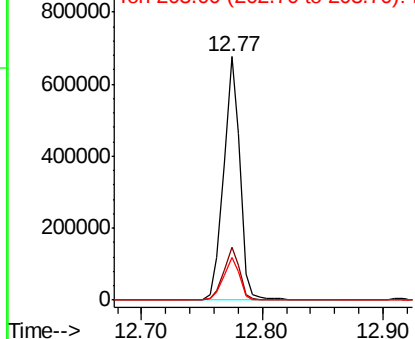


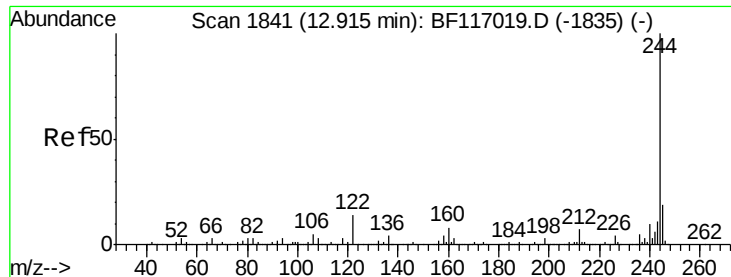
#78
Pyrene
Concen: 38.295 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion:202 Resp: 625799
Ion Ratio Lower Upper
202 100
200 21.9 17.2 25.8
203 17.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.419 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

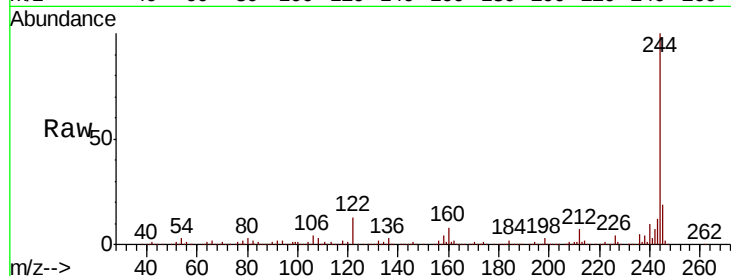
Tot Ion:244 Resp: 827474

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

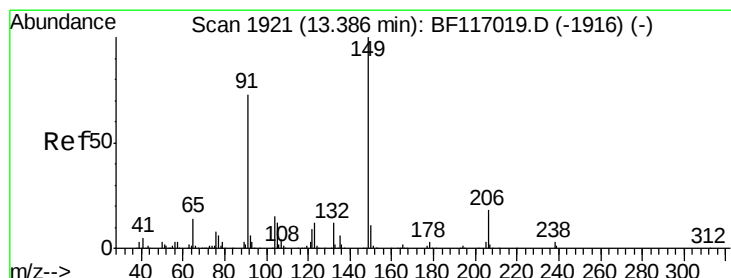
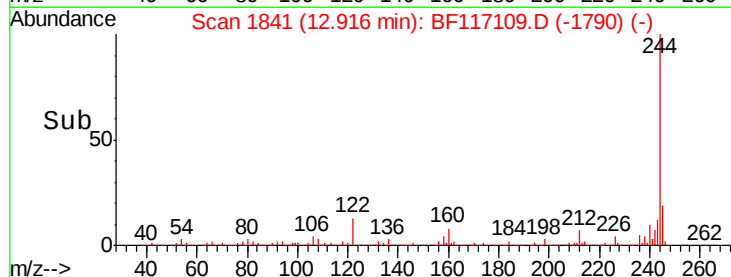
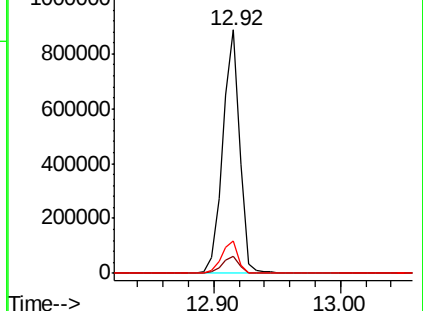
122 13.2 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.768 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

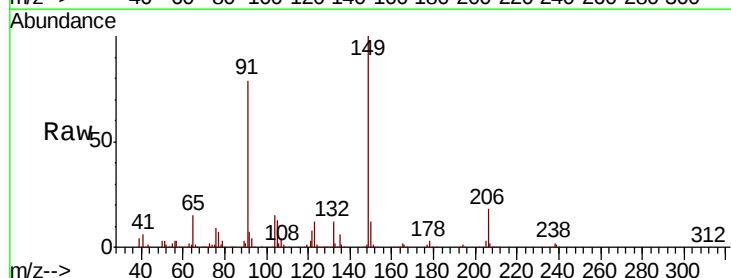
Tgt Ion:149 Resp: 314797

Ion Ratio Lower Upper

149 100

91 78.5 58.8 88.2

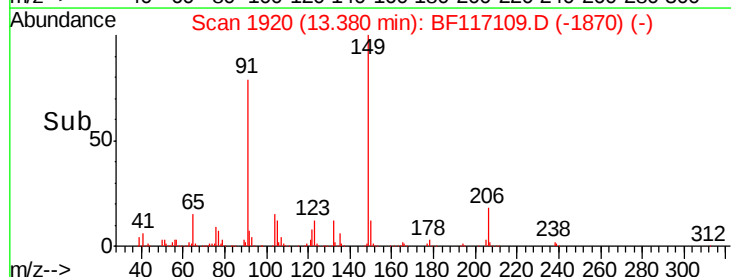
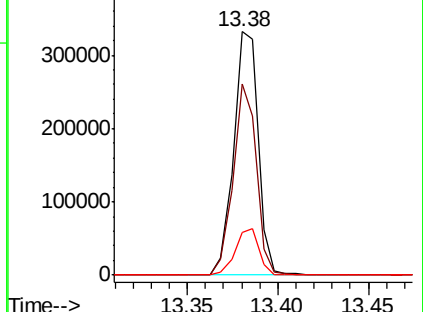
206 17.6 14.1 21.1

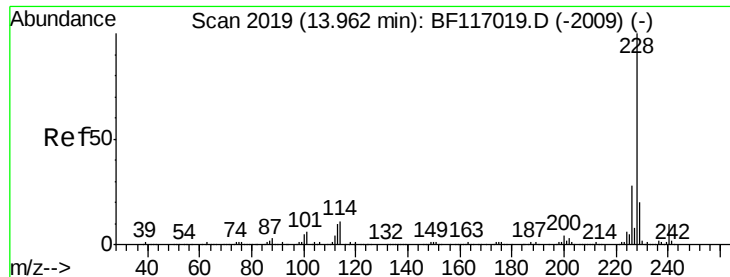


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.206 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

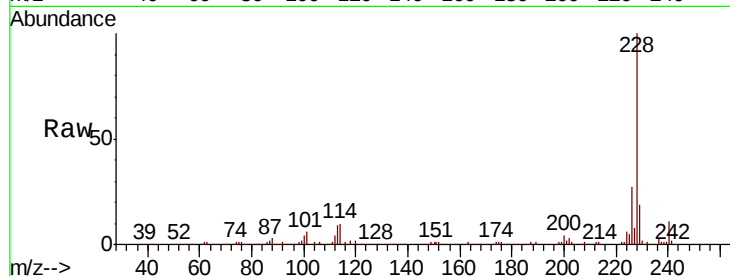
Tot Ion:228 Resp: 497125

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

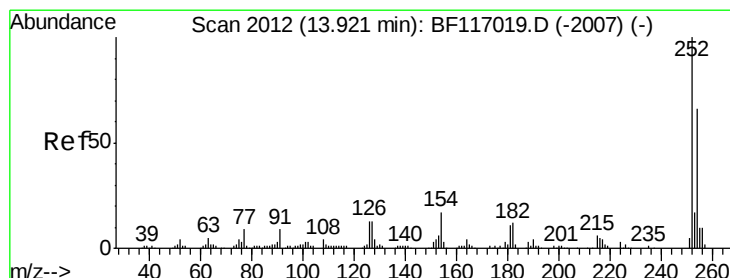
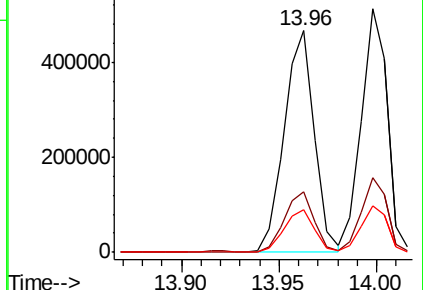
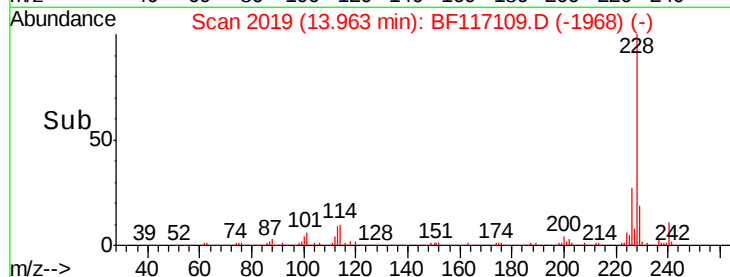
229 19.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.905 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

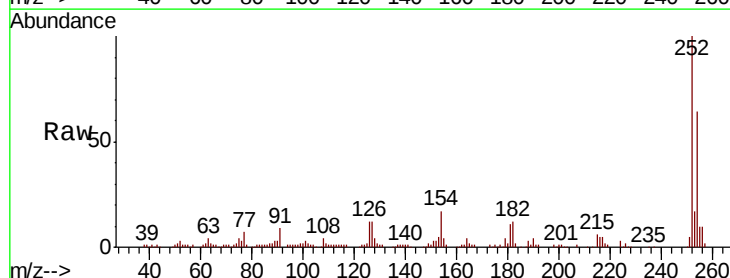
Tgt Ion:252 Resp: 158935

Ion Ratio Lower Upper

252 100

254 64.1 52.6 79.0

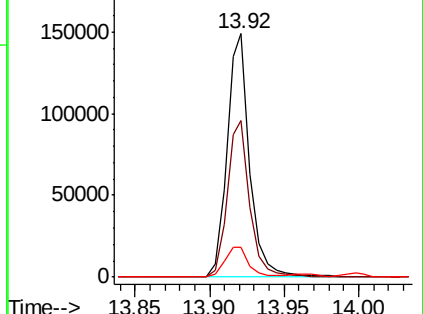
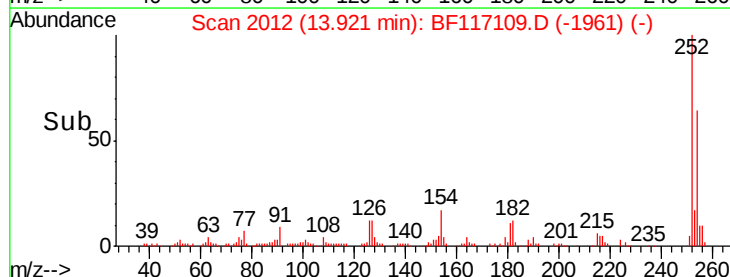
126 12.1 10.4 15.6

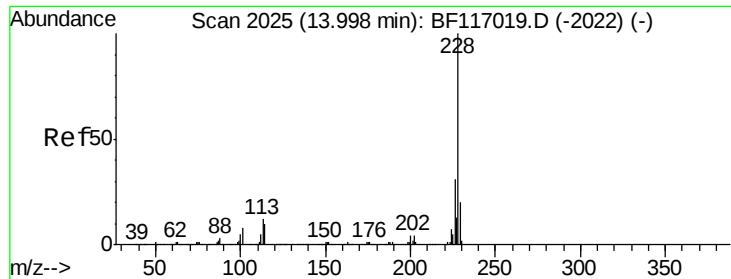


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.735 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

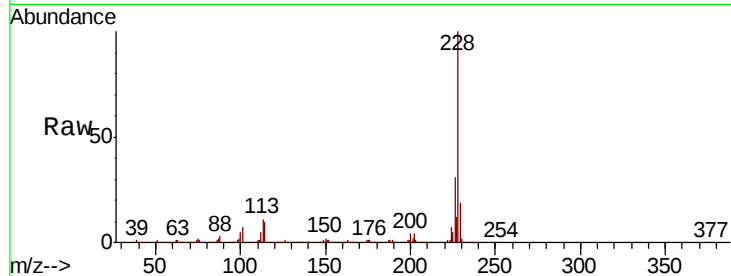
Tot Ion:228 Resp: 478885

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

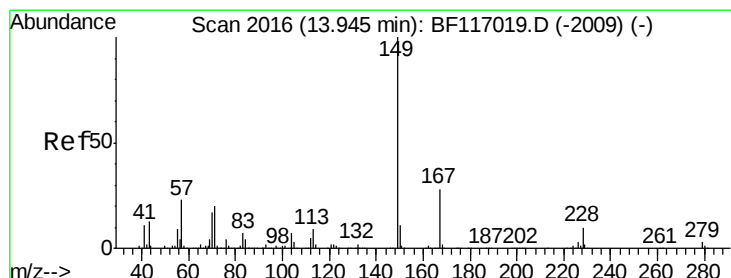
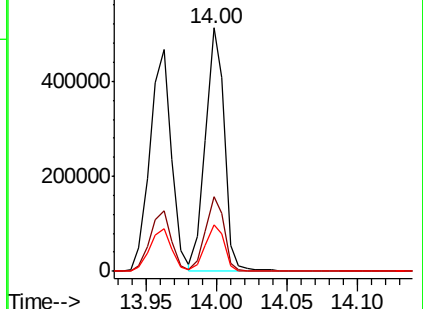
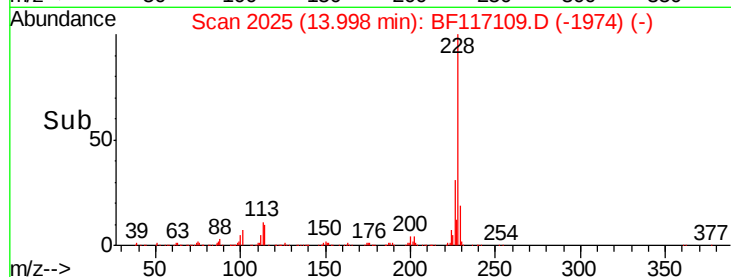
229 19.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.556 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

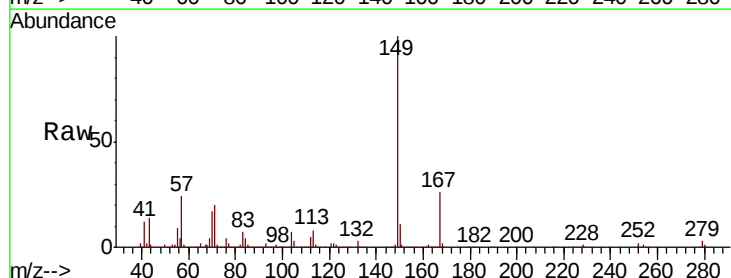
Tgt Ion:149 Resp: 423686

Ion Ratio Lower Upper

149 100

167 26.3 22.2 33.2

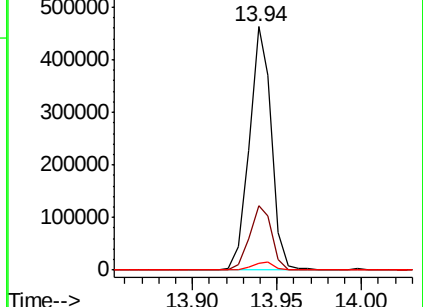
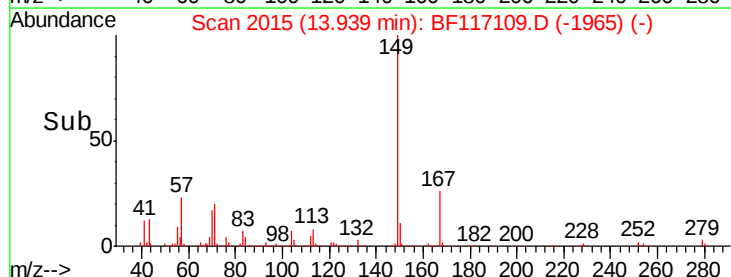
279 2.9 2.8 4.2



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: 42.832 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

Instrument :

BNA_F

ClientSampleId :

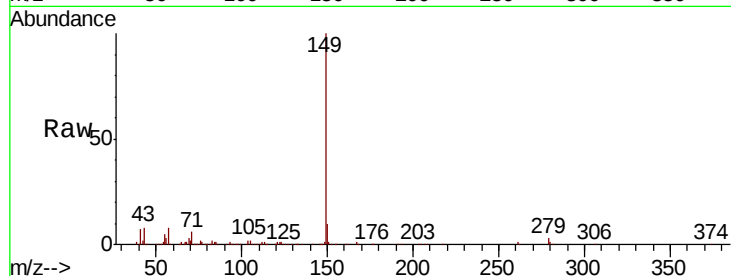
Tot Ion:149 Resp: 671164

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

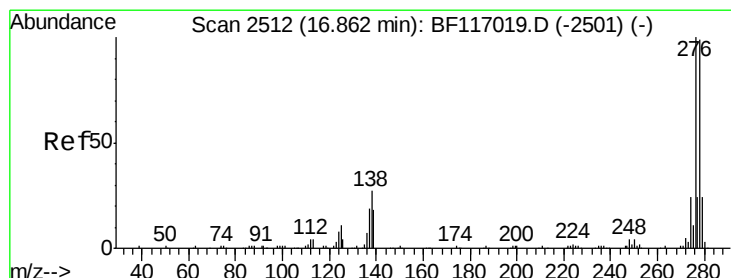
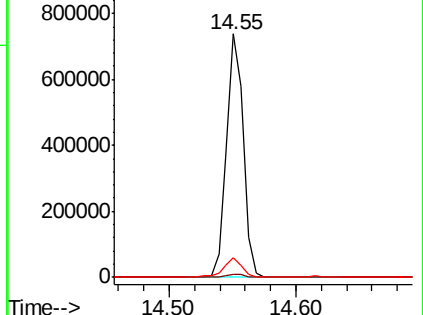
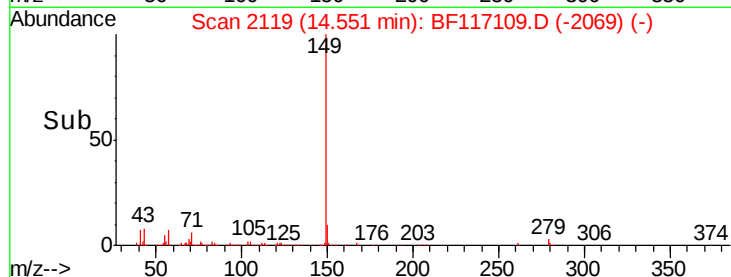
43 8.9 6.2 9.4



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: 33.065 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BF117109.D

Acq: 17 Sep 2019 16:24

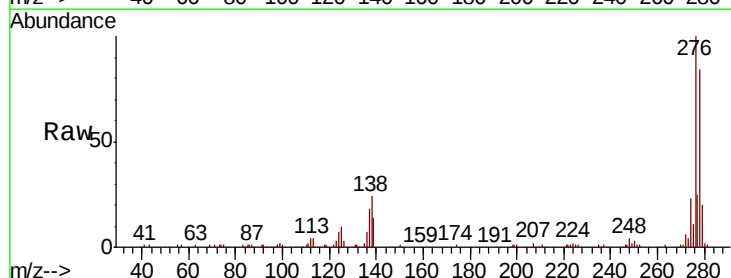
Tgt Ion:276 Resp: 306135

Ion Ratio Lower Upper

276 100

138 24.1 20.7 31.1

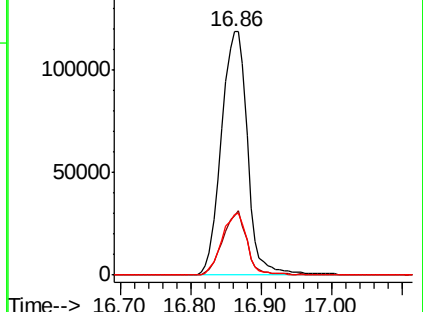
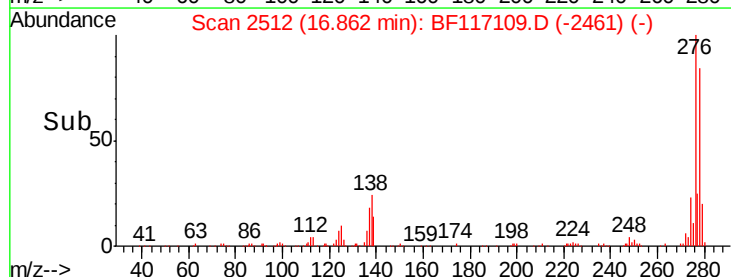
277 24.4 19.8 29.8

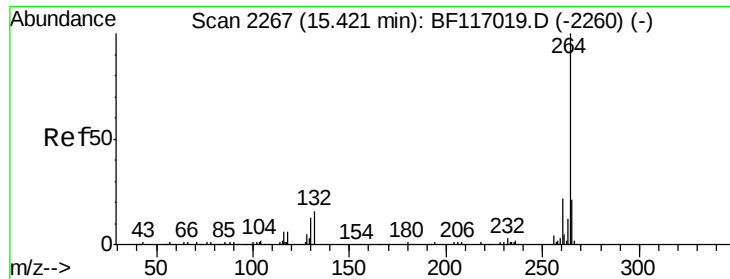


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

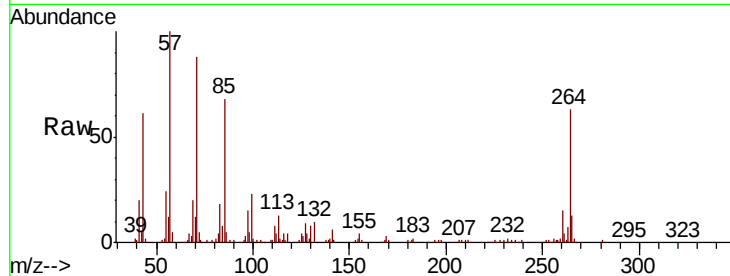




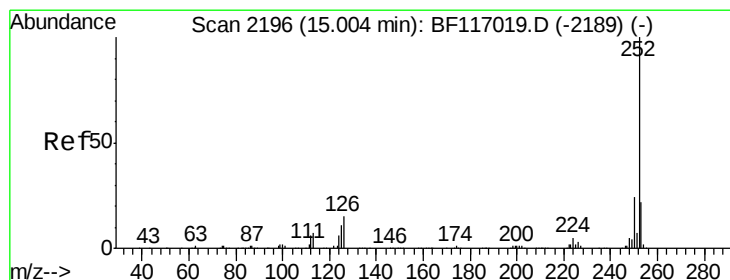
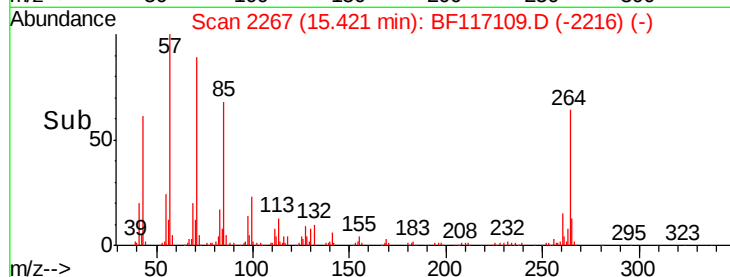
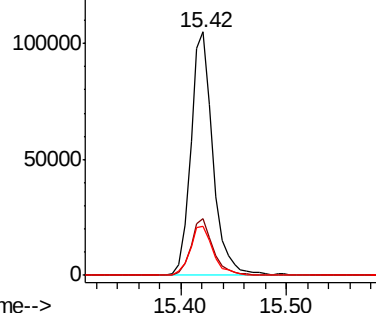
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.6	26.4
265	20.3	16.6	24.8

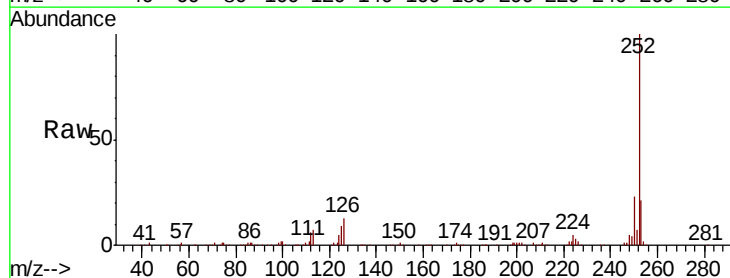


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

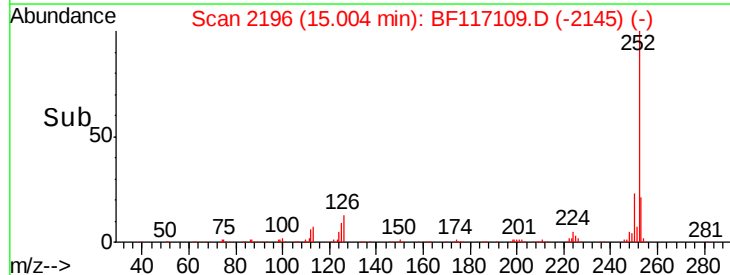
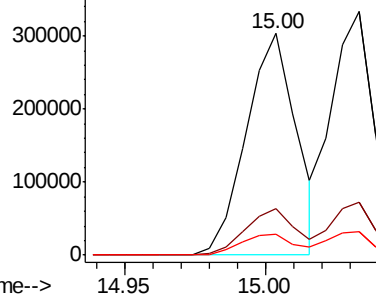


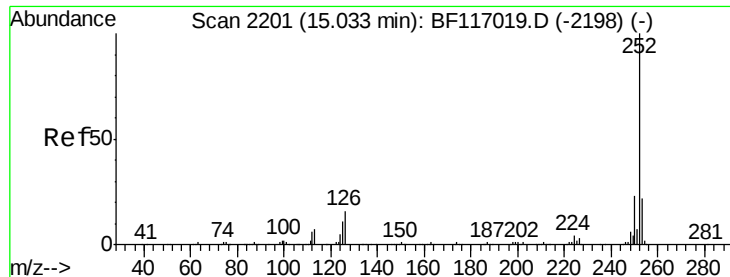
#88
Benzo(b)fluoranthene
Concen: 40.444 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	9.4	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

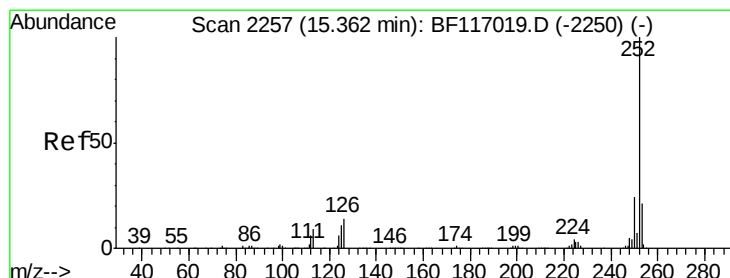
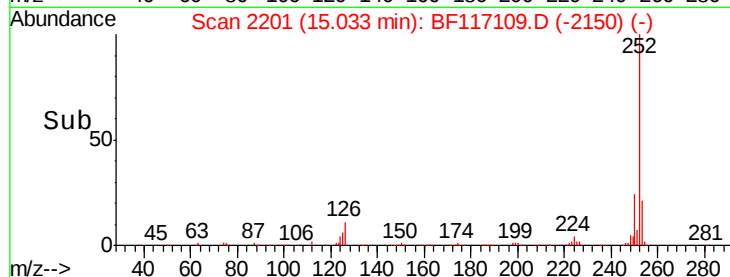
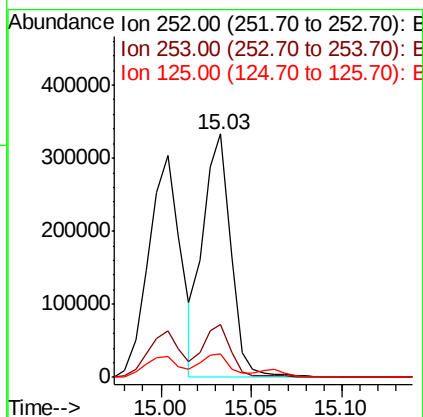
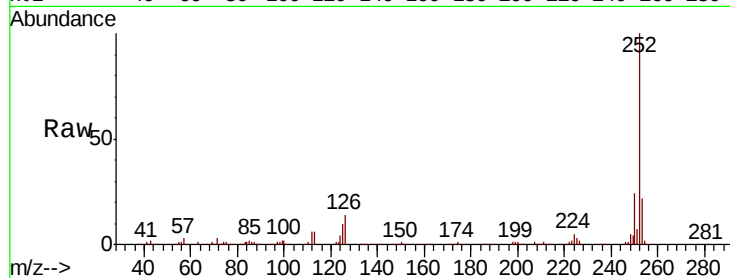




#89
Benzo(k)fluoranthene
Concen: 40.434 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

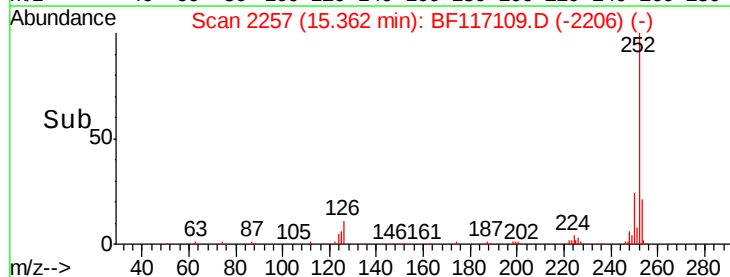
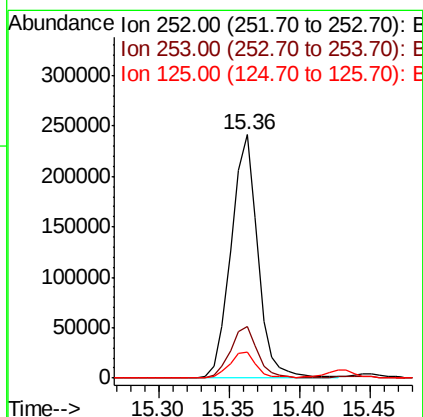
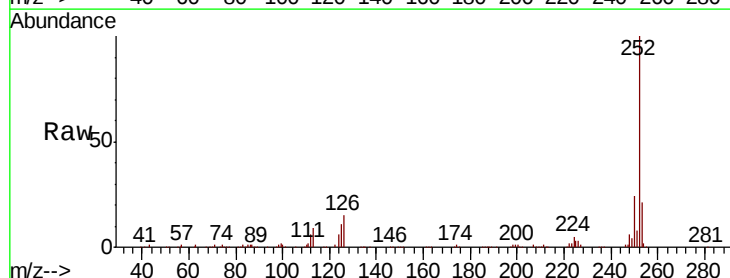
Instrument :
BNA_F
ClientSampleId :

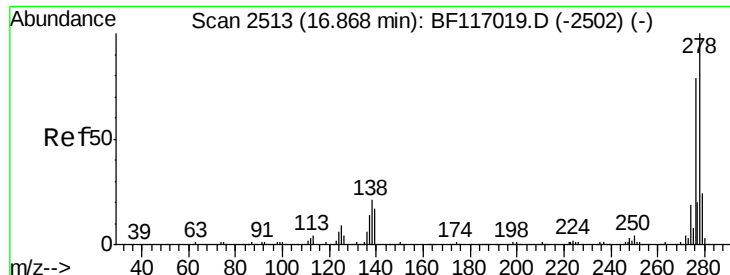
Tot Ion:252 Resp: 353915
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.6 8.8 13.2



#90
Benzo(a)pyrene
Concen: 39.430 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion:252 Resp: 319710
Ion Ratio Lower Upper
252 100
253 21.4 16.6 25.0
125 10.7 8.9 13.3

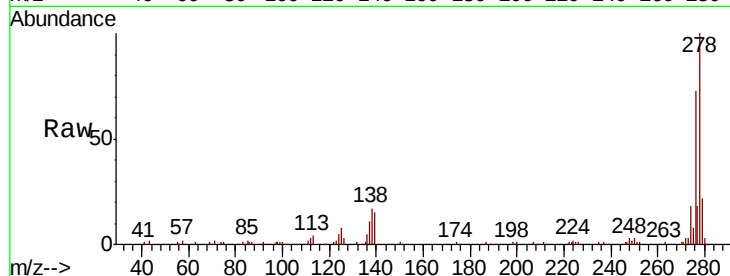




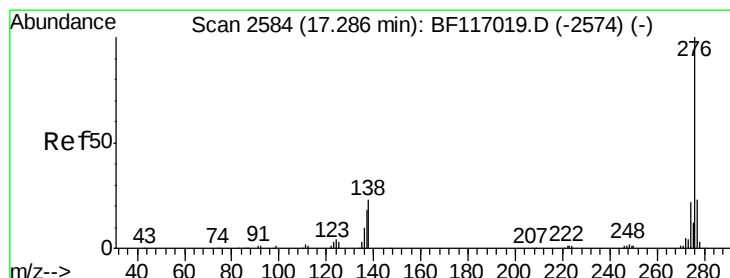
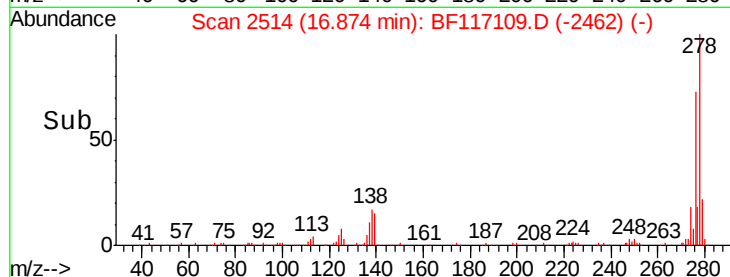
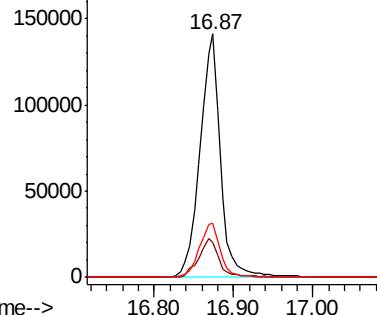
#91
Dibenzo(a,h)anthracene
Concen: 39.151 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.5	20.3
279	22.2	18.8	28.2

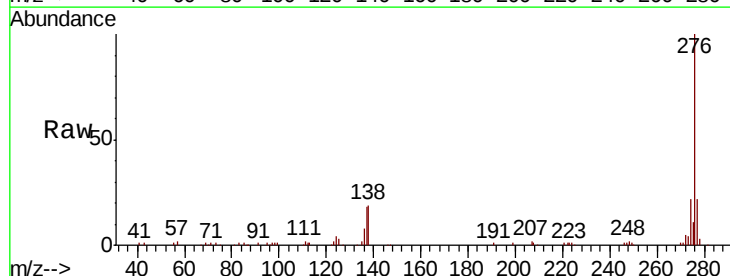


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.115 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF117109.D
Acq: 17 Sep 2019 16:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.6	27.8
138	19.0	18.0	27.0



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

