

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111717.D
 Acq On : 26 Dec 2018 15:52
 Operator : JU/SJ
 Sample : PB115960BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 26 16:23:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 26 13:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183615	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	680680	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	357919	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	681743	20.00	ng	0.00
76) Chrysene-d12	14.06	240	494302	20.00	ng	0.00
87) Perylene-d12	15.54	264	361837	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1300104	120.69	ng	0.01
7) Phenol-d6	6.55	99	1664981	121.45	ng	0.00
23) Nitrobenzene-d5	7.46	82	894165	76.46	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	567002	134.07	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1781827	72.56	ng	0.00
79) Terphenyl-d14	13.01	244	1977730	75.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	267906	52.860	ng	96
3) Pyridine	3.57	79	502869	38.085	ng	98
4) n-Nitrosodimethylamine	3.52	42	279007	43.176	ng	# 81
6) Aniline	6.56	93	520601	29.791	ng	# 80
8) 2-Chlorophenol	6.69	128	494907	41.474	ng	98
9) Benzaldehyde	6.45	77	143091	15.176	ng	95
10) Phenol	6.56	94	590123	38.151	ng	80
11) bis(2-Chloroethyl)ether	6.63	93	457672	39.485	ng	95
12) 1,3-Dichlorobenzene	6.85	146	560117	40.503	ng	99
13) 1,4-Dichlorobenzene	6.92	146	562468	40.105	ng	97
14) 1,2-Dichlorobenzene	7.07	146	530638	40.553	ng	98
15) Benzyl Alcohol	7.04	79	454864	41.777	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	787730	36.900	ng	98
17) 2-Methylphenol	7.16	107	398264	41.682	ng	# 93
18) Hexachloroethane	7.42	117	200717	42.470	ng	# 87
19) n-Nitroso-di-n-propylamine	7.31	70	352307	38.696	ng	94
20) 3+4-Methylphenols	7.31	107	495207	41.017	ng	95
22) Acetophenone	7.31	105	666701	38.662	ng	# 97
24) Nitrobenzene	7.48	77	532282	43.429	ng	99
25) Isophorone	7.72	82	947010	45.617	ng	98
26) 2-Nitrophenol	7.80	139	256471	51.596	ng	94
27) 2,4-Dimethylphenol	7.84	122	446372	45.554	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	588277	42.583	ng	98
29) 2,4-Dichlorophenol	8.05	162	452074	42.893	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	482079	41.047	ng	98
31) Naphthalene	8.21	128	1446617	44.231	ng	96
32) Benzoic acid	7.96	122	300282	46.349	ng	88
33) 4-Chloroaniline	8.25	127	341749	24.176	ng	99
34) Hexachlorobutadiene	8.33	225	288321	40.280	ng	97
35) Caprolactam	8.66	113	57605	16.130	ng	88
36) 4-Chloro-3-methylphenol	8.74	107	447049	43.150	ng	99
37) 2-Methylnaphthalene	8.90	142	1001355	47.059	ng	99
38) 1-Methylnaphthalene	9.00	142	941666	46.079	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	463140	39.379	ng	98

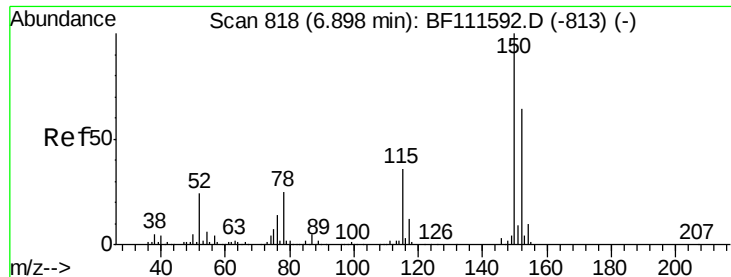
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111717.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	638622	111.896	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	328435	41.826	ng	100
44) 2,4,5-Trichlorophenol	9.22	196	347527	43.140	ng	91
46) 1,1'-Biphenyl	9.36	154	1210969	40.080	ng	95
47) 2-Chloronaphthalene	9.39	162	954520	39.875	ng	95
48) 2-Nitroaniline	9.47	65	294743	47.329	ng	98
49) Acenaphthylene	9.80	152	1527186	43.695	ng	96
50) Dimethylphthalate	9.66	163	1127076	43.062	ng	98
51) 2,6-Dinitrotoluene	9.72	165	248325	47.581	ng	# 87
52) Acenaphthene	9.97	154	1035331	48.029	ng	98
53) 3-Nitroaniline	9.89	138	183875	33.035	ng	96
54) 2,4-Dinitrophenol	9.99	184	253249	144.699	ng	94
55) Dibenzofuran	10.15	168	1366704	41.966	ng	93
56) 4-Nitrophenol	10.06	139	413183	97.271	ng	87
57) 2,4-Dinitrotoluene	10.12	165	331744	52.888	ng	93
58) Fluorene	10.49	166	1058498	45.105	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	308925	45.568	ng	91
60) Diethylphthalate	10.36	149	1101435	42.900	ng	98
61) 4-Chlorophenyl-phenylether	10.48	204	528761	40.782	ng	92
62) 4-Nitroaniline	10.50	138	253991	46.951	ng	88
63) Azobenzene	10.64	77	1052545	40.835	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	159233	55.327	ng	80
66) n-Nitrosodiphenylamine	10.60	169	936100	40.905	ng	97
67) 4-Bromophenyl-phenylether	10.97	248	345893	40.906	ng	95
68) Hexachlorobenzene	11.05	284	382953	40.619	ng	# 90
69) Atrazine	11.12	200	322216	40.529	ng	96
70) Pentachlorophenol	11.23	266	413483	70.941	ng	95
71) Phenanthrene	11.45	178	1569947	43.422	ng	95
72) Anthracene	11.50	178	1612201	44.425	ng	96
73) Carbazole	11.66	167	1388649	39.413	ng	96
74) Di-n-butylphthalate	11.99	149	1691291	42.813	ng	# 96
75) Fluoranthene	12.64	202	1576511	43.059	ng	97
77) Benzidine	12.75	184	668344	35.932	ng	97
78) Pyrene	12.87	202	1584414	45.390	ng	97
80) Butylbenzylphthalate	13.48	149	656322	46.127	ng	89
81) Benzo(a)anthracene	14.06	228	1248012	44.241	ng	98
82) 3,3'-Dichlorobenzidine	14.01	252	286298	25.687	ng	97
83) Chrysene	14.09	228	1151042	41.515	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	814971	45.471	ng	# 99
85) Di-n-octyl phthalate	14.66	149	1173145	42.247	ng	95
86) Indeno(1,2,3-cd)pyrene	17.04	276	945386	40.110	ng	# 88
88) Benzo(b)fluoranthene	15.12	252	966104	45.685	ng	# 95
89) Benzo(k)fluoranthene	15.14	252	913743	45.386	ng	# 97
90) Benzo(a)pyrene	15.49	252	876139	45.603	ng	# 94
91) Dibenzo(a,h)anthracene	17.06	278	794114	47.202	ng	# 92
92) Benzo(g,h,i)perylene	17.50	276	797403	48.539	ng	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

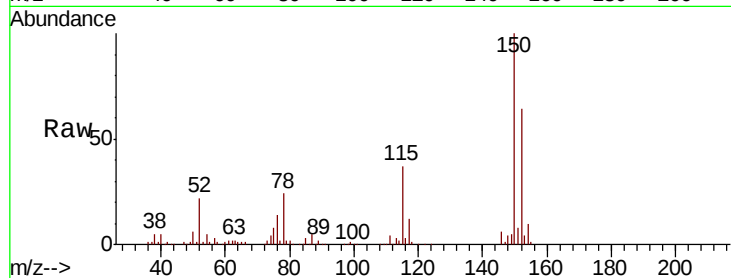
Tot Ion:152 Resp: 183615

Ion Ratio Lower Upper

152 100

150 155.8 126.6 189.8

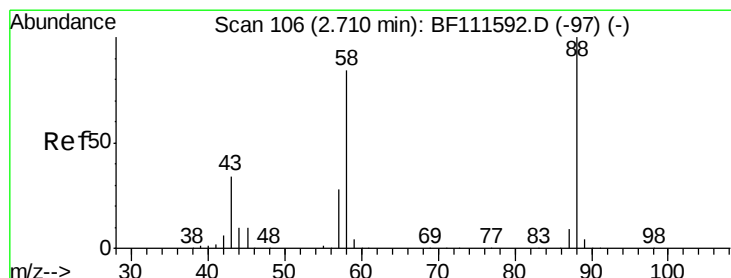
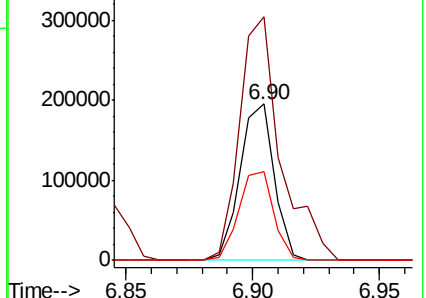
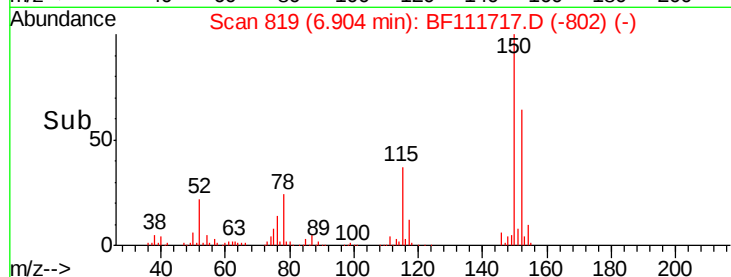
115 57.0 50.7 76.1



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: 52.860 ng

RT: 2.83 min Scan# 127

Delta R.T. 0.12 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

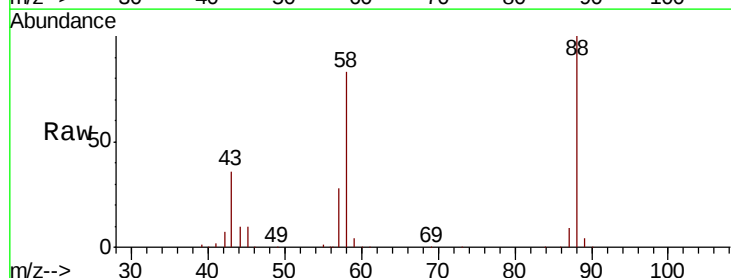
Tgt Ion: 88 Resp: 267906

Ion Ratio Lower Upper

88 100

58 82.9 68.9 103.3

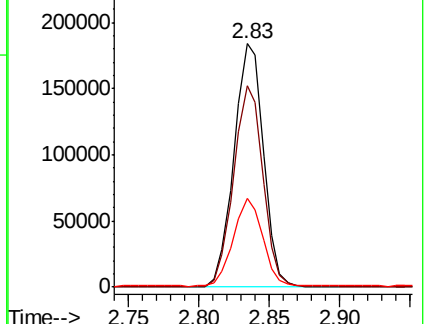
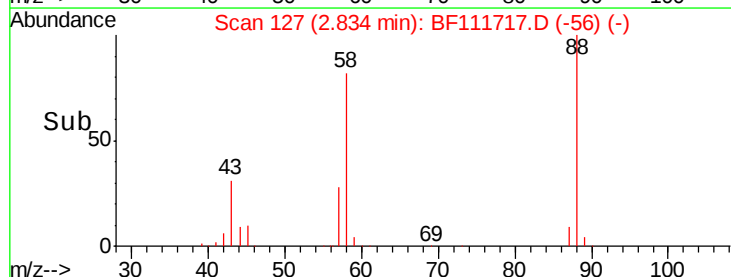
43 36.2 25.8 38.6

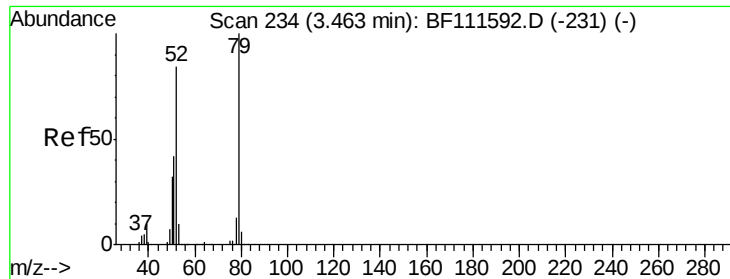


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.085 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.09 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

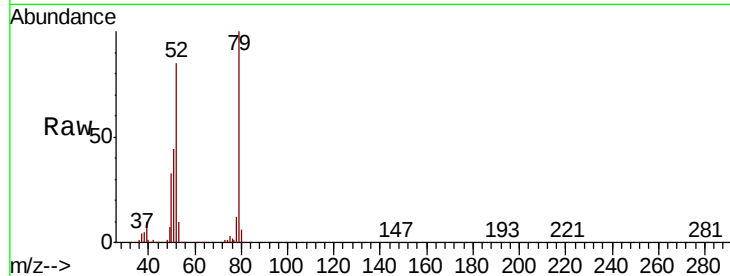
Tot Ion: 79 Resp: 502869

Ion Ratio Lower Upper

79 100

52 84.9 68.3 102.5

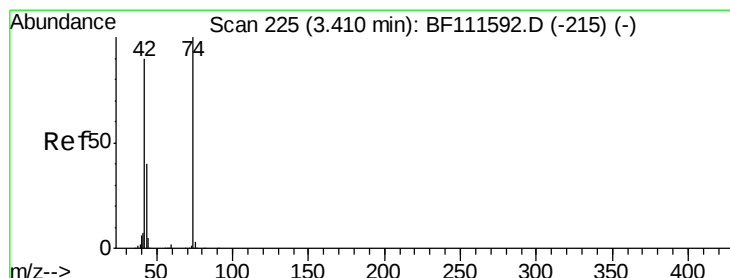
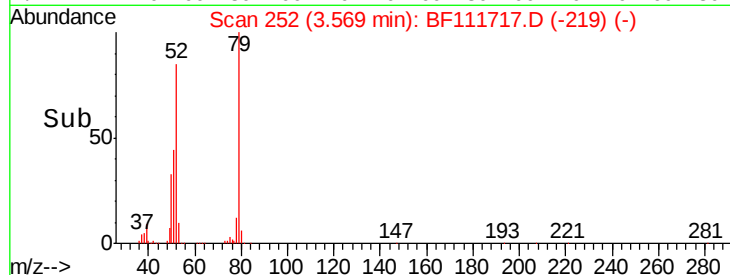
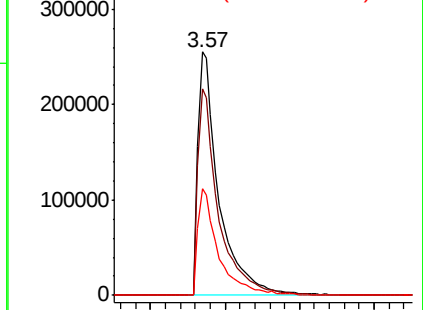
51 43.9 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.176 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.09 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

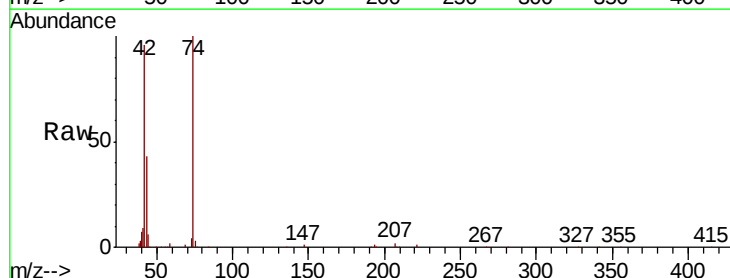
Tgt Ion: 42 Resp: 279007

Ion Ratio Lower Upper

42 100

74 103.6 101.5 152.3

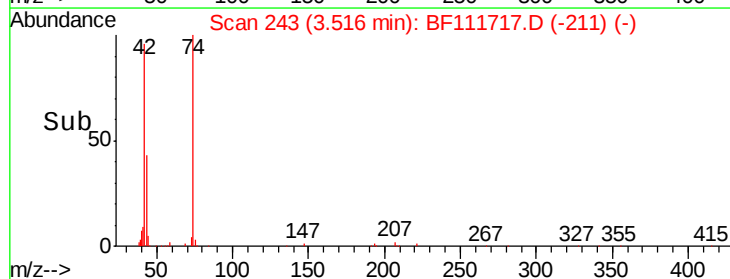
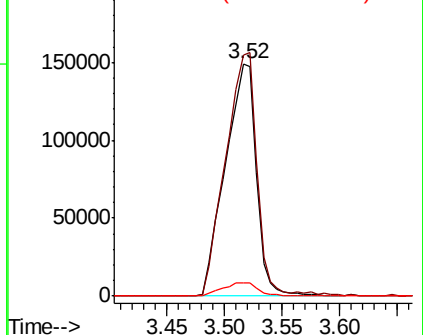
44 5.8 6.0 9.0#

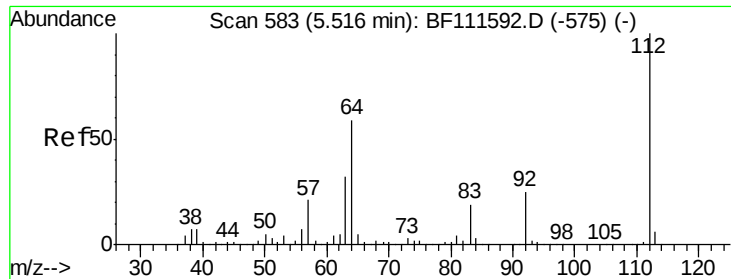


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 120.691 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampled :

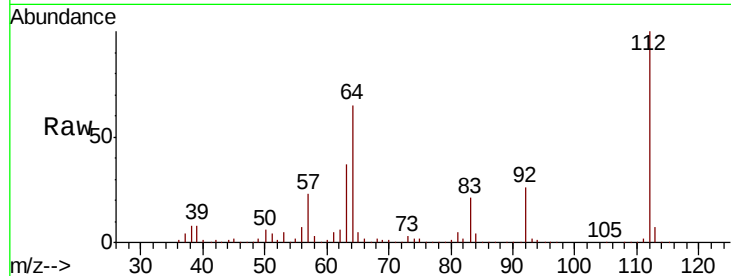
Tot Ion:112 Resp: 1300104

Ion Ratio Lower Upper

112 100

64 65.3 51.8 77.6

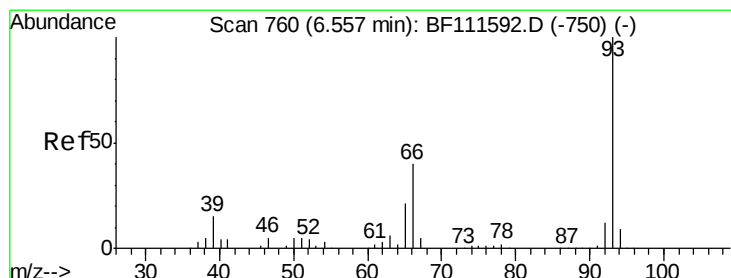
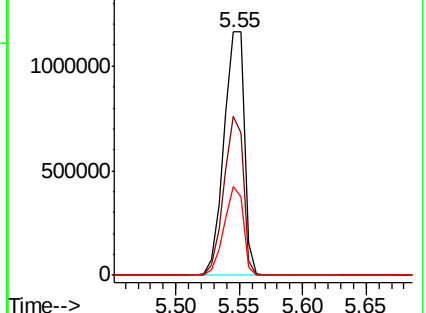
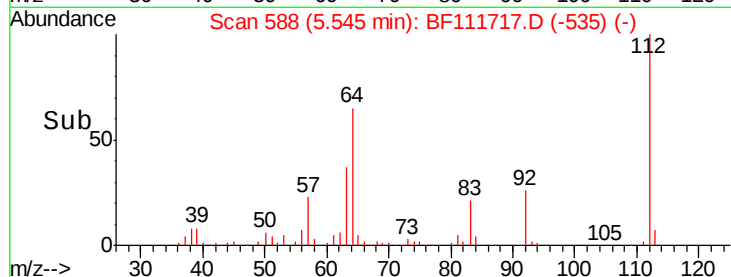
63 36.5 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.791 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

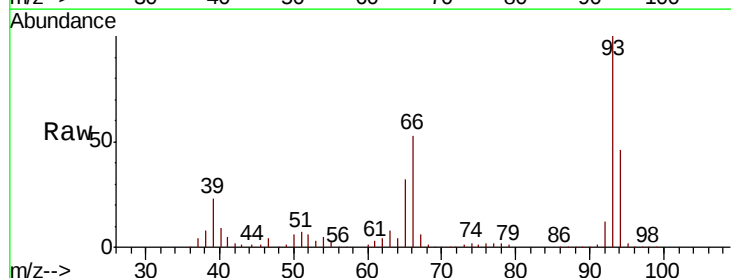
Tgt Ion: 93 Resp: 520601

Ion Ratio Lower Upper

93 100

66 53.5 33.2 49.8#

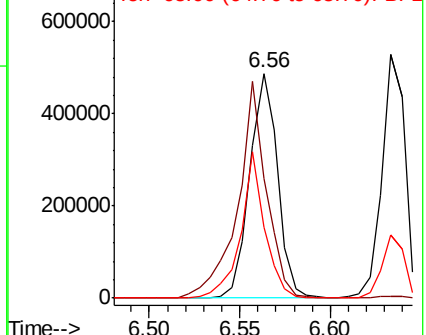
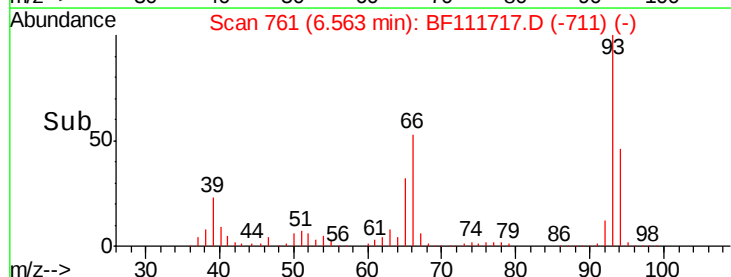
65 31.7 17.0 25.4#

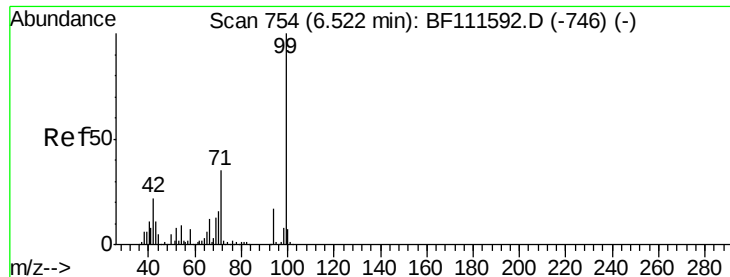


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.450 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

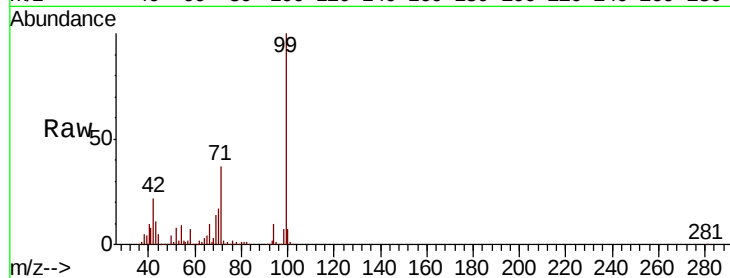
Tot Ion: 99 Resp: 1664981

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

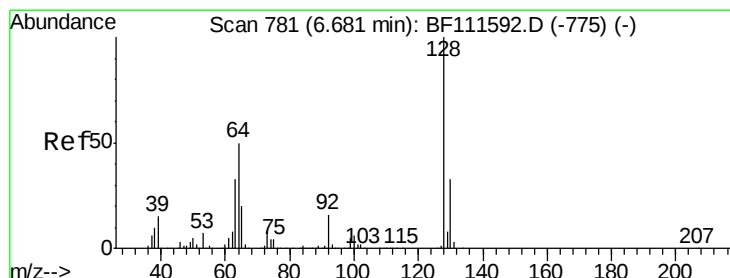
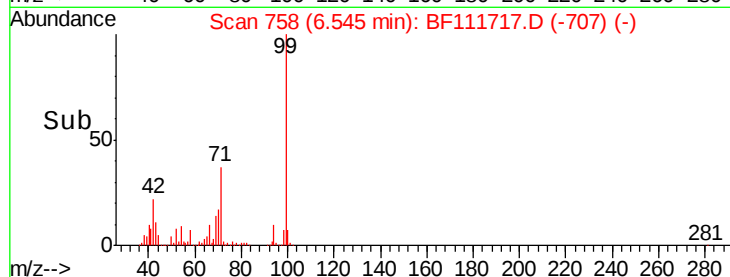
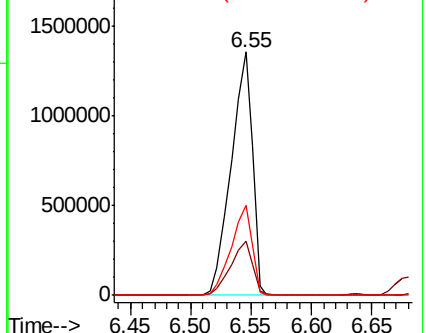
71 37.1 26.1 39.1



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: 41.474 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

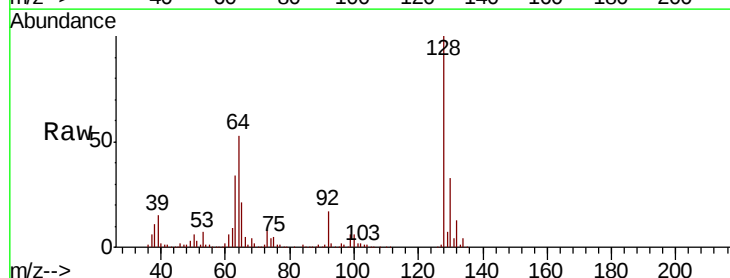
Tgt Ion:128 Resp: 494907

Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

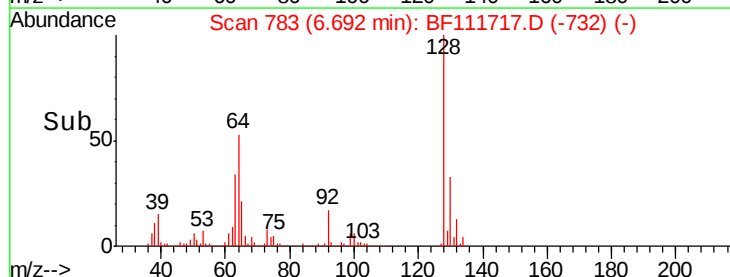
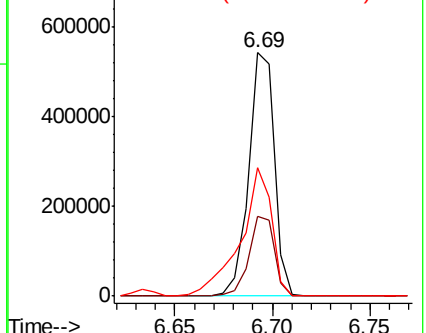
64 52.6 30.0 70.0

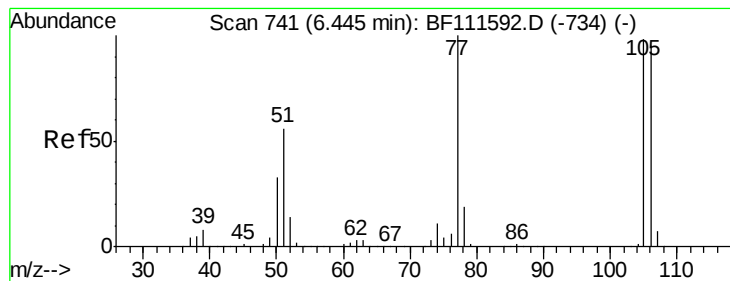


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.176 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

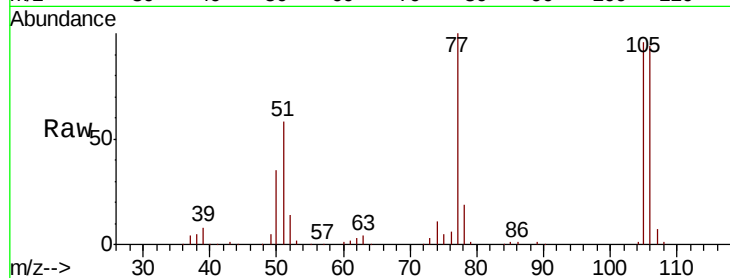
Tot Ion: 77 Resp: 143091

Ion Ratio Lower Upper

77 100

105 96.2 81.4 121.4

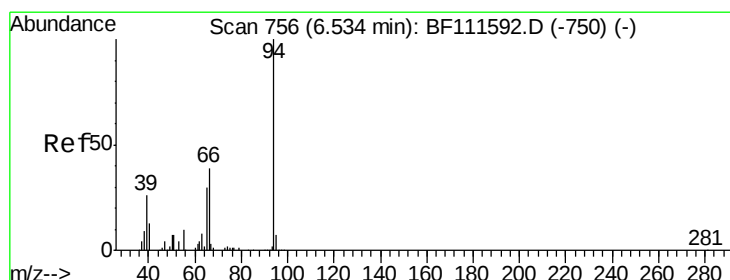
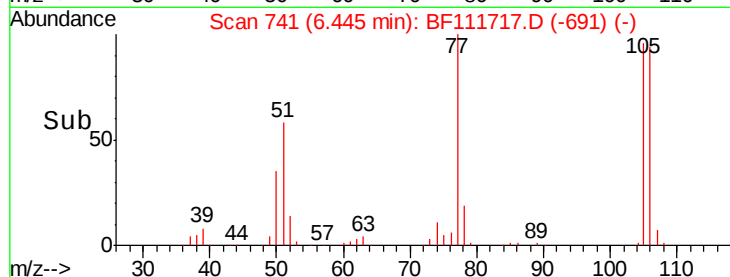
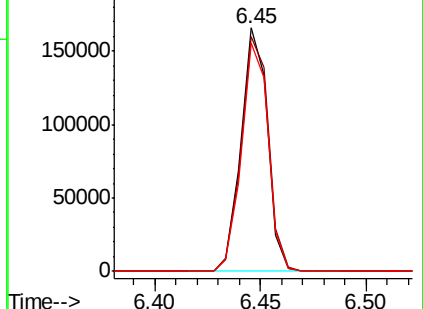
106 93.9 77.9 117.9



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: 38.151 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

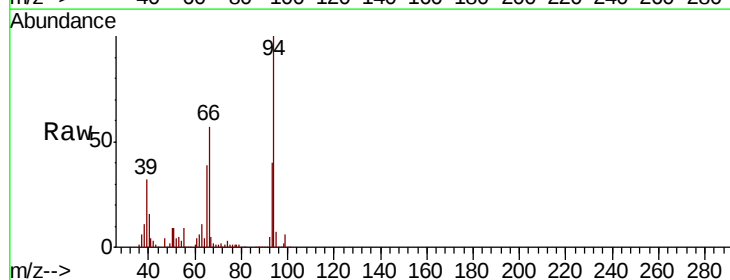
Tgt Ion: 94 Resp: 590123

Ion Ratio Lower Upper

94 100

65 38.6 11.7 51.7

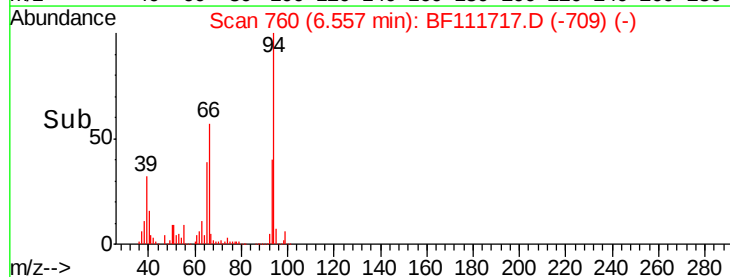
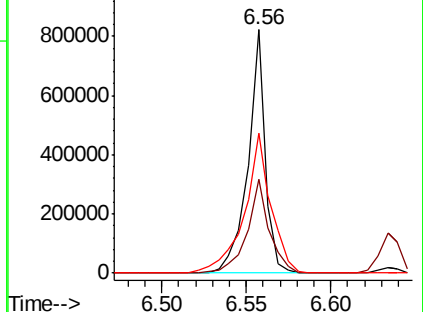
66 57.3 21.0 61.0

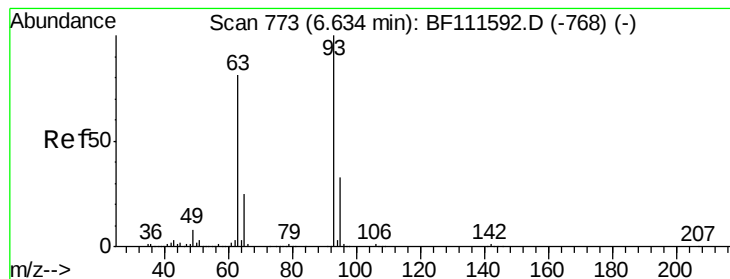


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.485 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

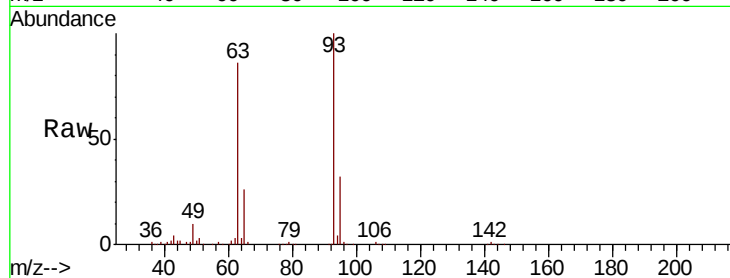
Tot Ion: 93 Resp: 457672

Ion Ratio Lower Upper

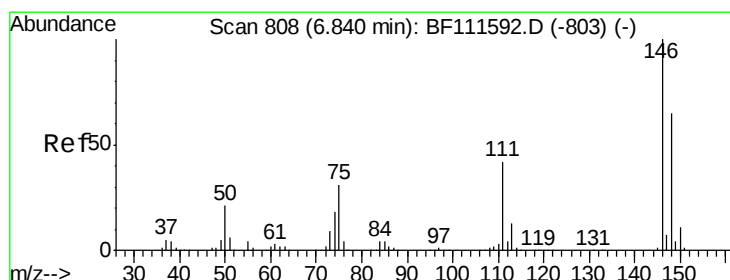
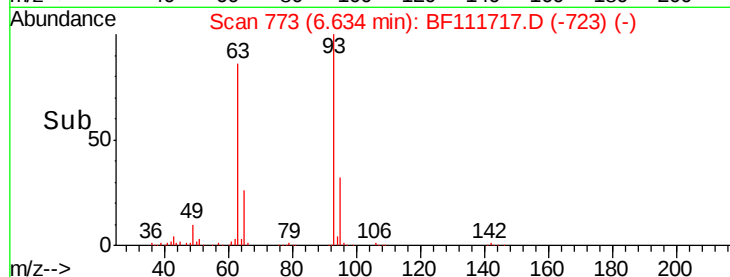
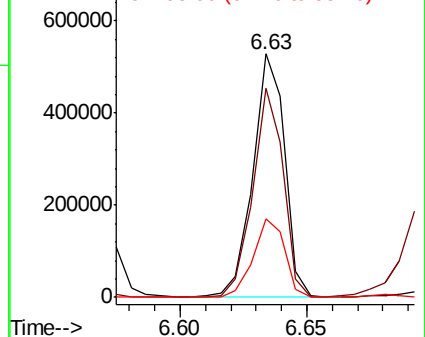
93 100

63 85.7 60.0 100.0

95 32.1 13.4 53.4



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: 40.503 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

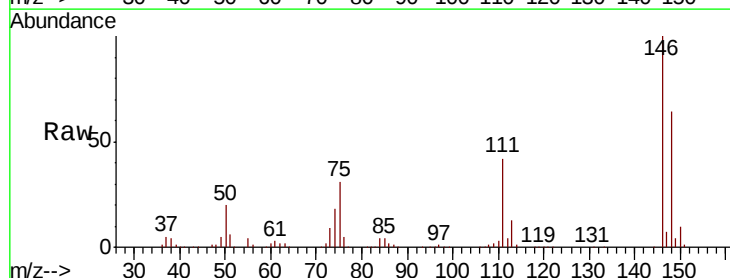
Tgt Ion: 146 Resp: 560117

Ion Ratio Lower Upper

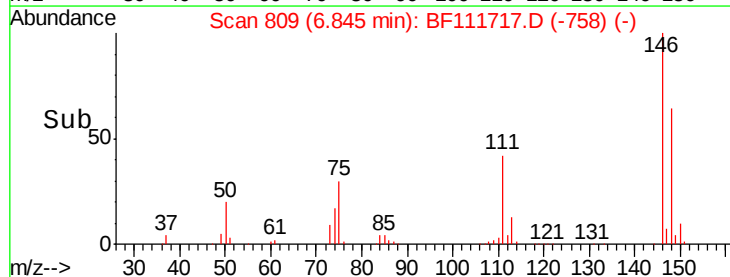
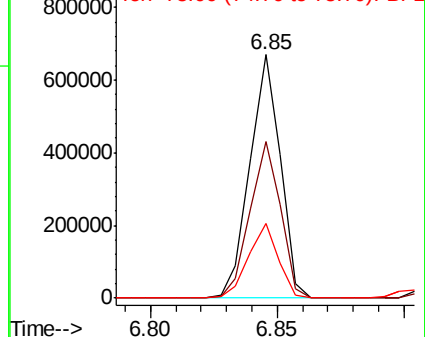
146 100

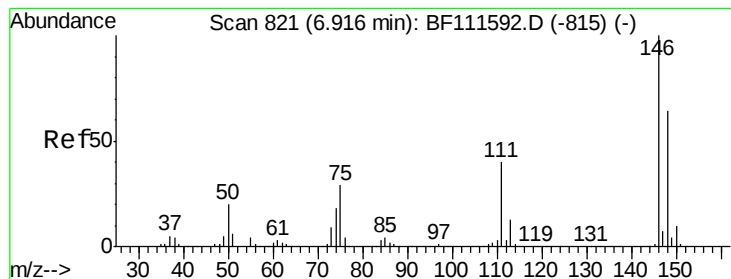
148 64.1 52.1 78.1

75 30.6 23.9 35.9



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: 40.105 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

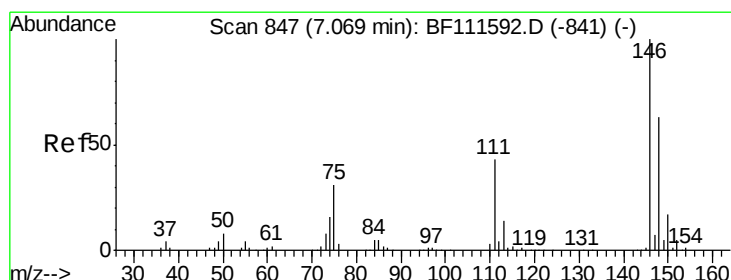
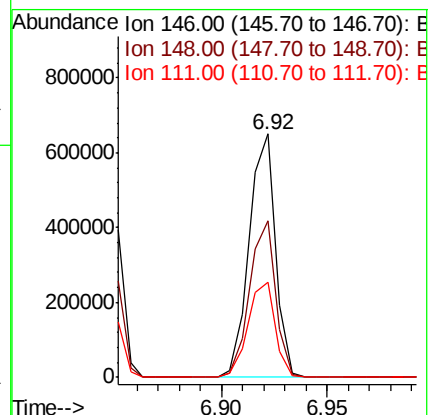
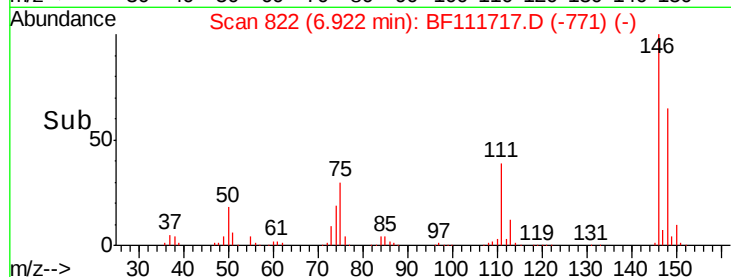
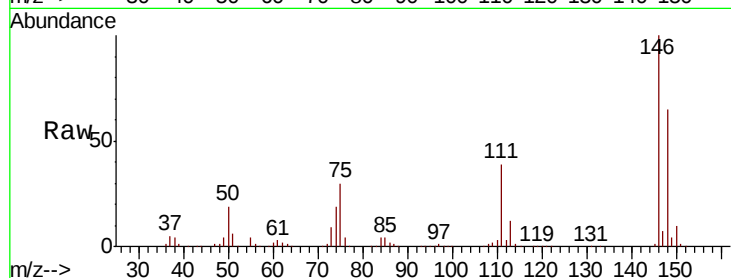
Tot Ion:146 Resp: 562468

Ion Ratio Lower Upper

146 100

148 64.6 52.8 79.2

111 39.0 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 40.553 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

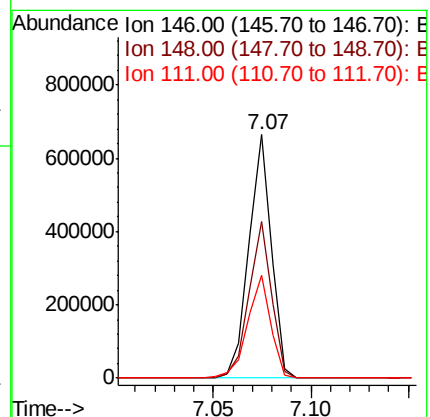
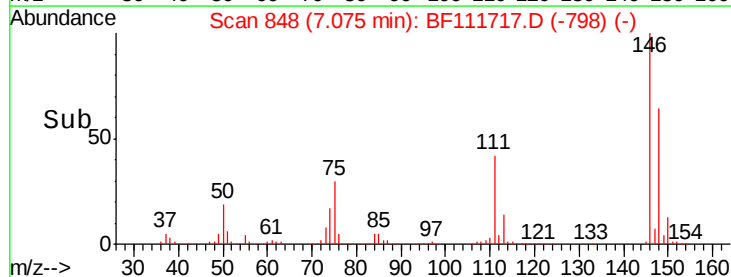
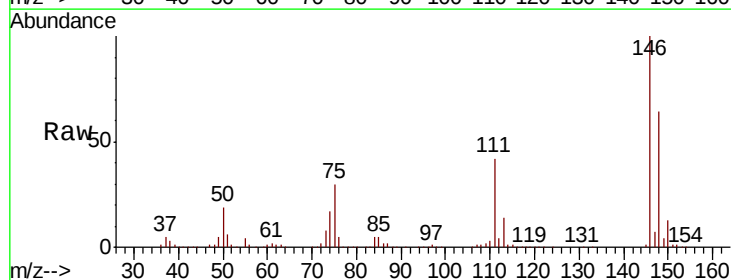
Tgt Ion:146 Resp: 530638

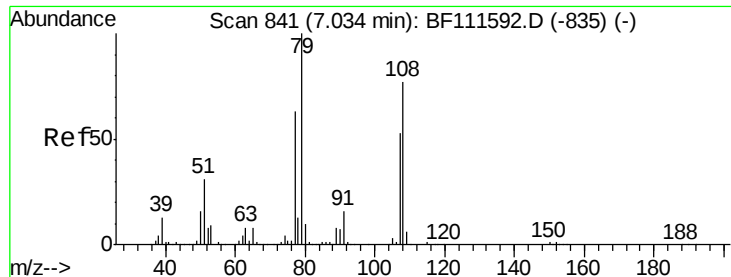
Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

111 42.1 36.2 54.4





#15

Benzyl Alcohol

Concen: 41.777 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampled :

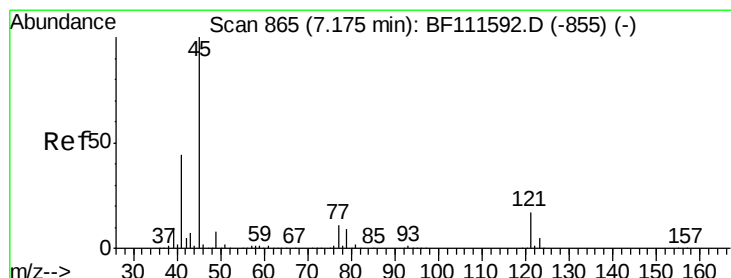
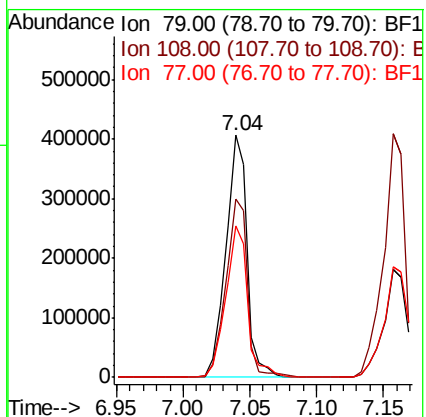
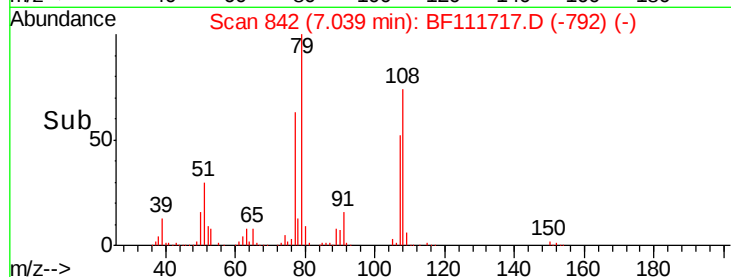
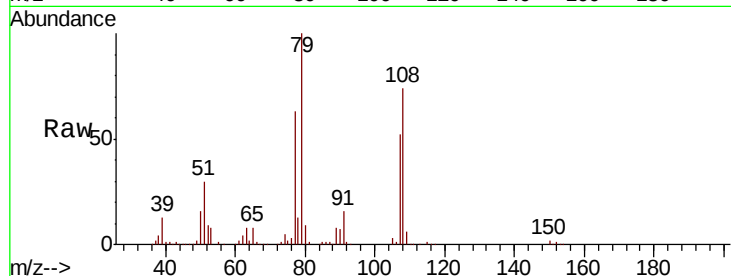
Tot Ion: 79 Resp: 454864

Ion Ratio Lower Upper

79 100

108 73.7 69.4 104.2

77 62.7 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.900 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

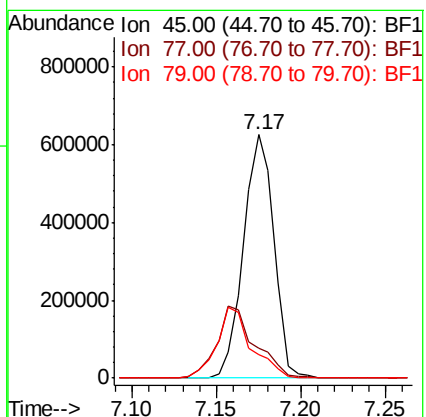
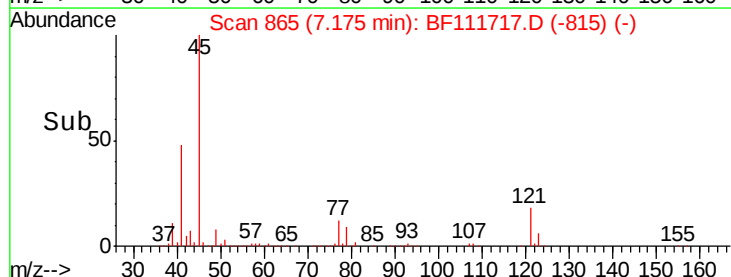
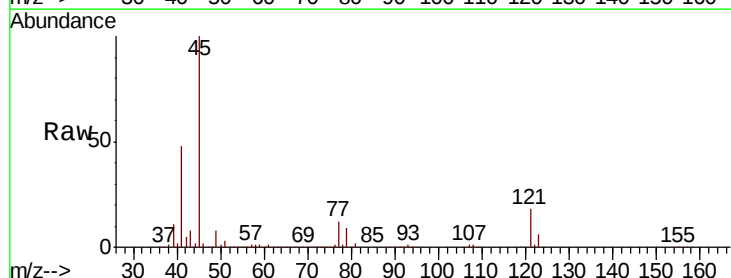
Tgt Ion: 45 Resp: 787730

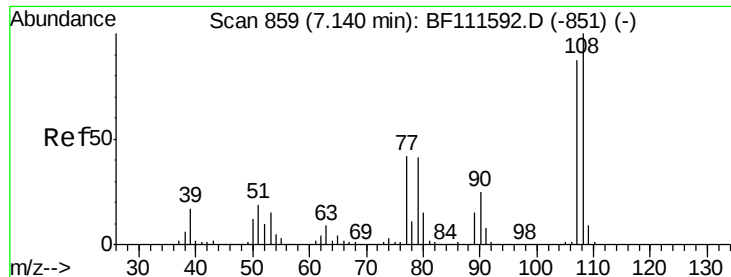
Ion Ratio Lower Upper

45 100

77 12.2 0.0 31.5

79 9.4 0.0 28.9

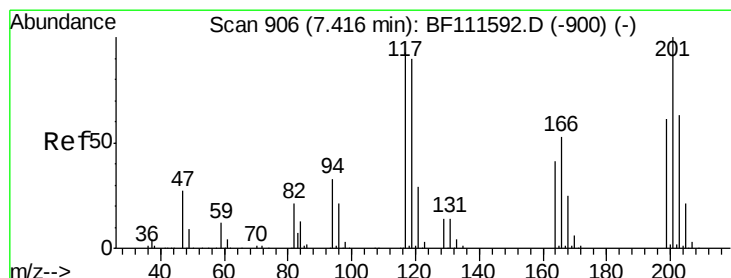
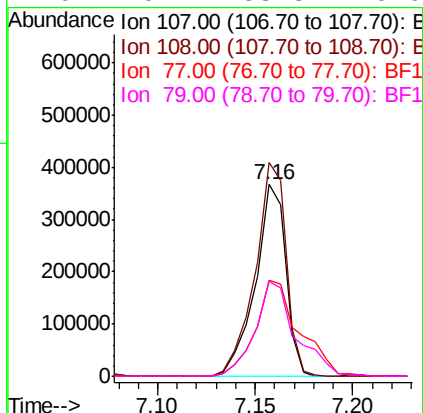
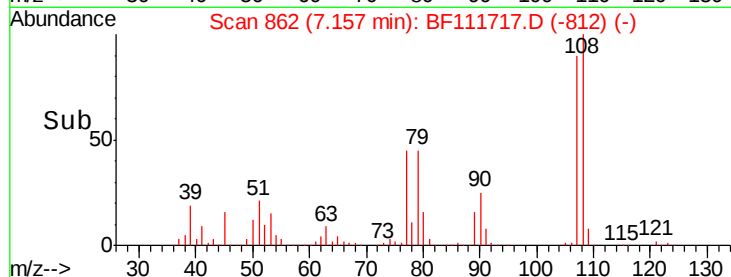
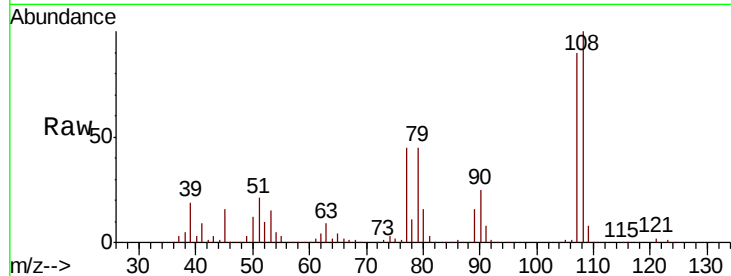




#17
2-Methylphenol
Concen: 41.682 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

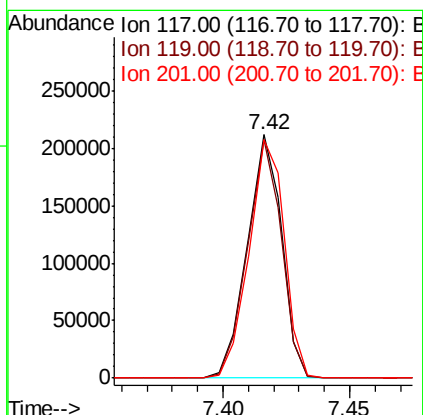
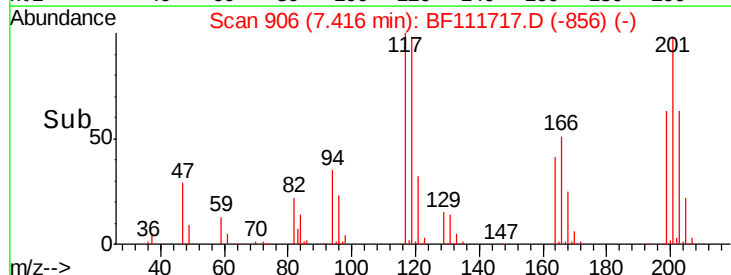
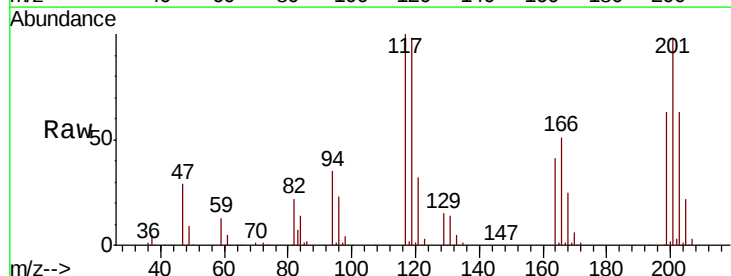
Instrument :
BNA_E
ClientSampleId :

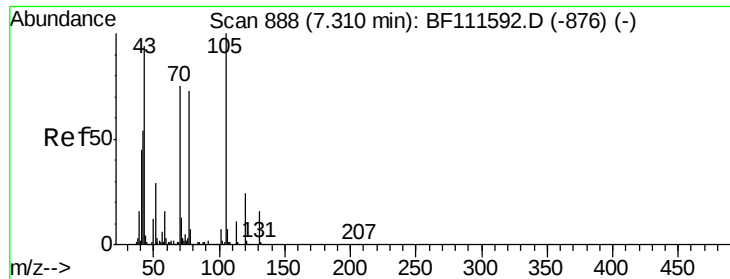
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.0	136.4
77	50.4	33.5	50.3#
79	49.7	33.3	49.9



#18
Hexachloroethane
Concen: 42.470 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.4	113.0
201	97.9	62.4	93.6#

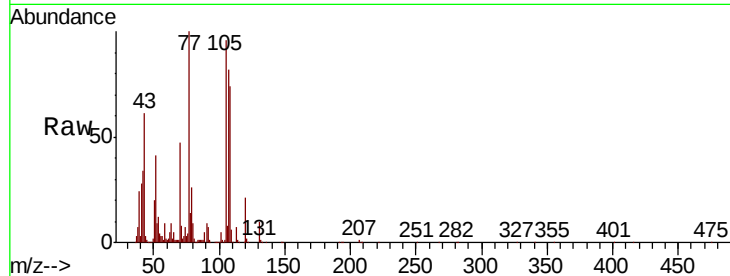




#19
n-Nitroso-di-n-propylamine
Concen: 38.696 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:	70	Resp:	352307
Ion	Ratio	Lower	Upper
70	100		
42	72.8	53.2	79.8
101	9.8	8.2	12.4
130	20.8	18.1	27.1



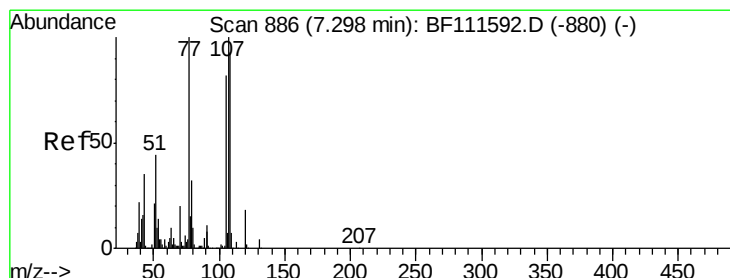
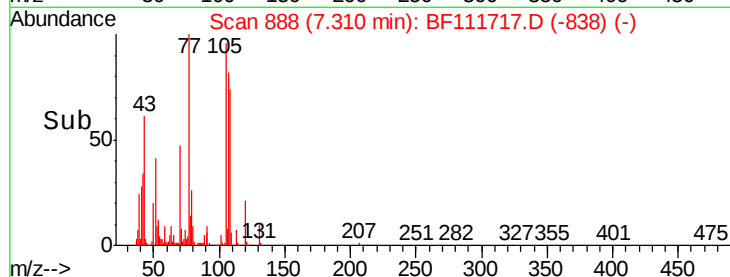
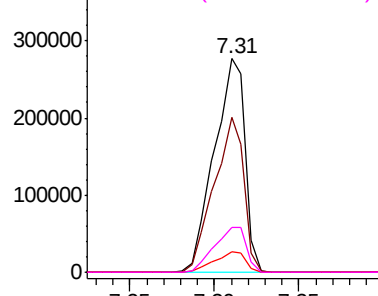
Abundance

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: 41.017 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion:	107	Resp:	495207
Ion	Ratio	Lower	Upper
107	100		
108	90.2	72.1	112.1
77	122.5	94.1	134.1
79	32.0	9.8	49.8

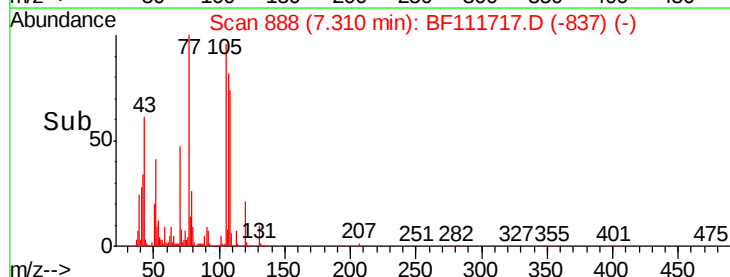
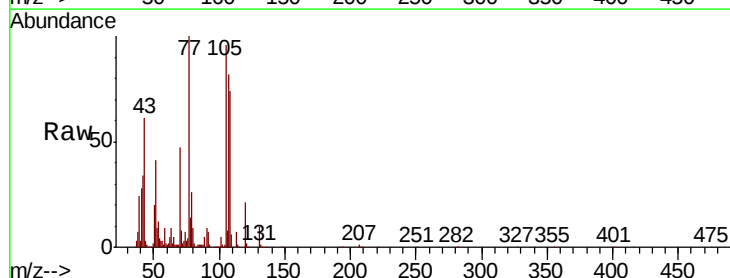
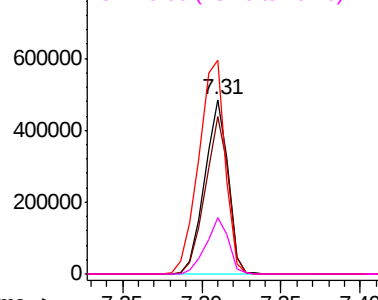
Abundance

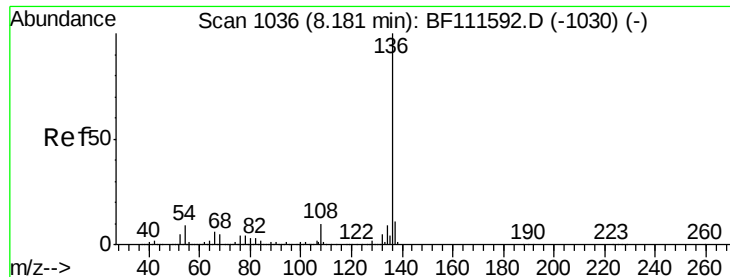
Ion 107.00 (106.70 to 107.70): E

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

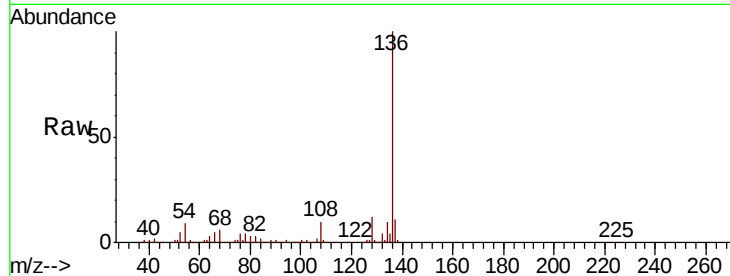




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:136	Resp: 680680
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 8.7	7.7 11.5
68 5.8	4.9 7.3



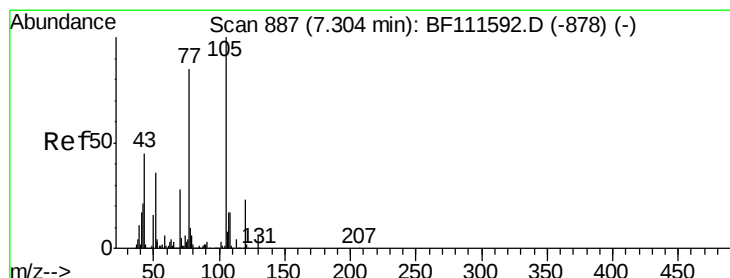
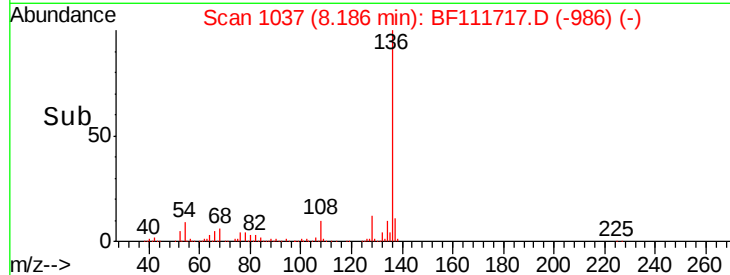
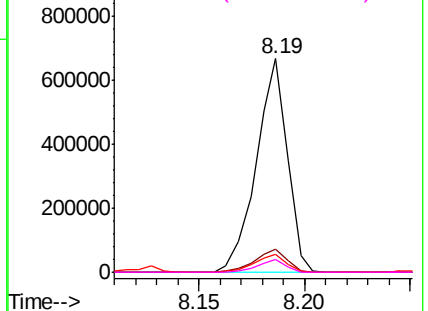
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

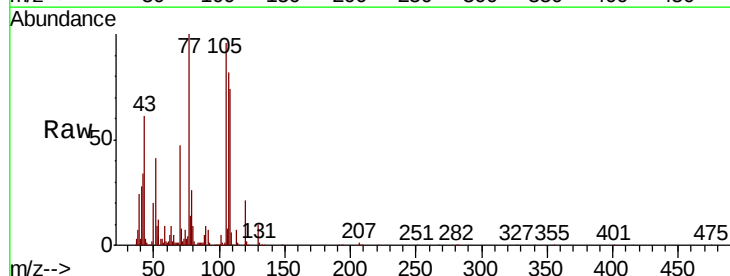
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.662 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt	Ion:105	Resp:	666701
Ion	Ratio	Lower	Upper
105	100		
71	8.1	3.1	4.7#
51	43.2	36.6	54.8
120	22.3	18.2	27.4



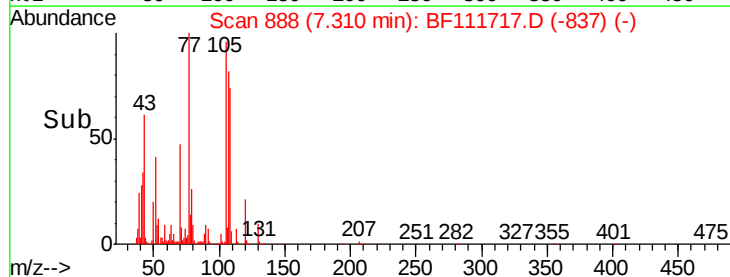
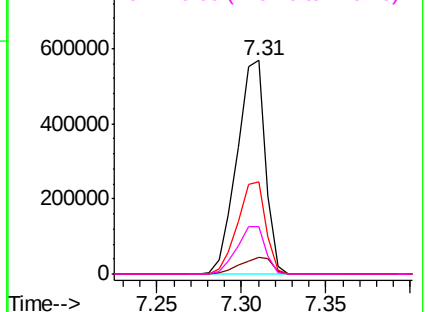
Abundance

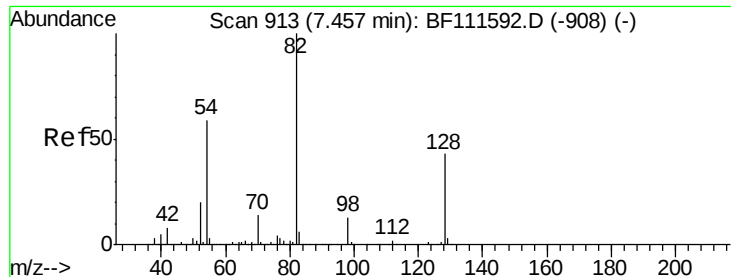
Ion 105.00 (104.70 to 105.70): E

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

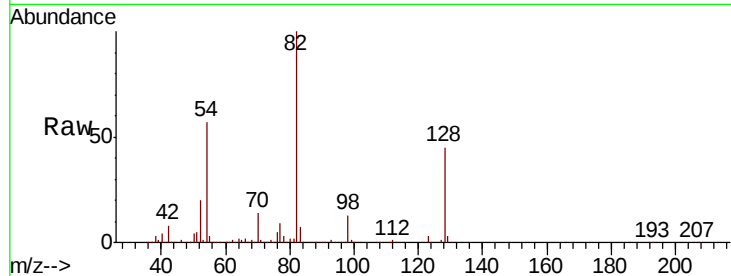




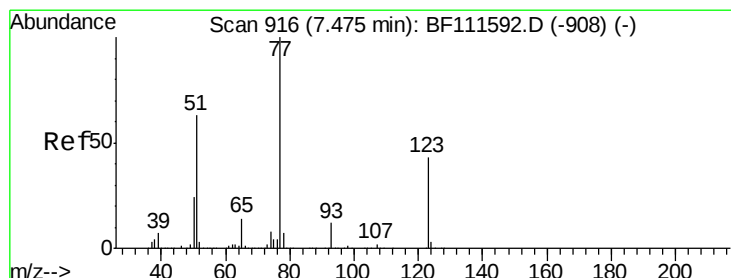
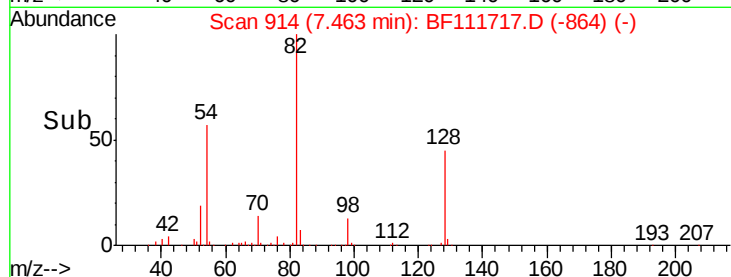
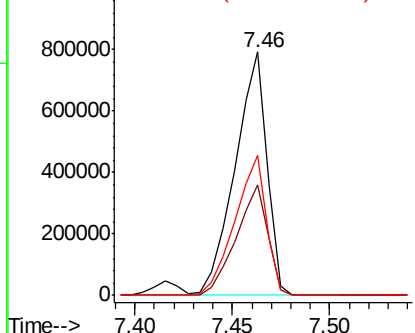
#23
 Nitrobenzene-d5
 Concen: 76.464 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	82	Resp	894165
Ion Ratio	100	Lower	Upper
128	45.3	37.4	56.2
54	57.5	47.6	71.4

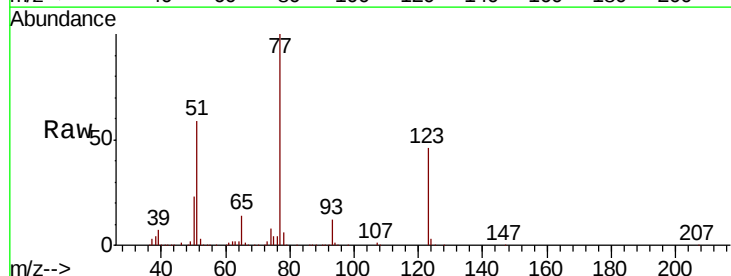


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

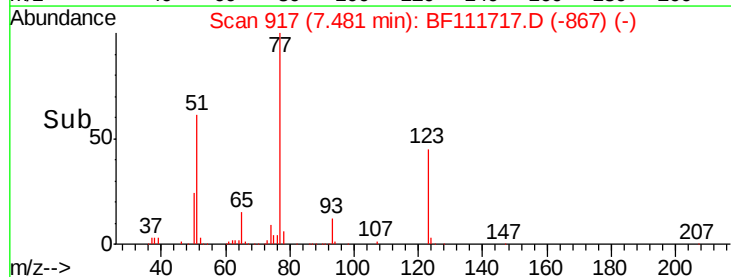
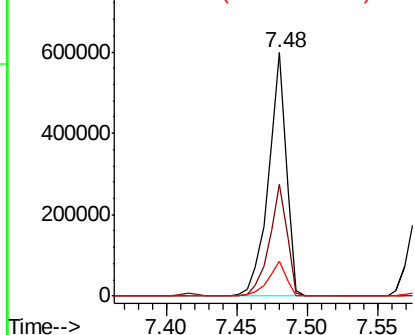


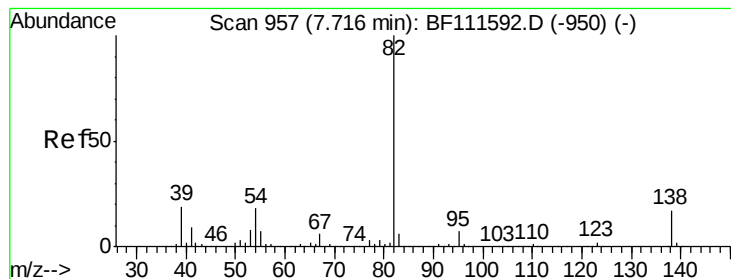
#24
 Nitrobenzene
 Concen: 43.429 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Tgt Ion	77	Resp	532282
Ion Ratio	100	Lower	Upper
123	45.7	37.2	55.8
65	14.2	11.5	17.3



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





#25

Isophorone

Concen: 45.617 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

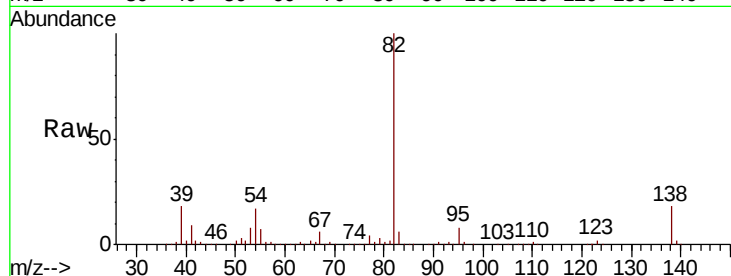
Tot Ion: 82 Resp: 947010

Ion Ratio Lower Upper

82 100

95 7.7 5.4 8.2

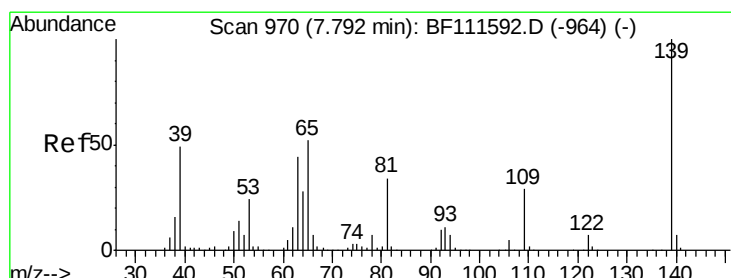
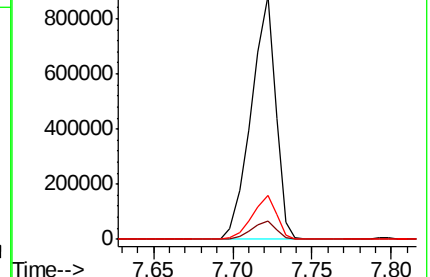
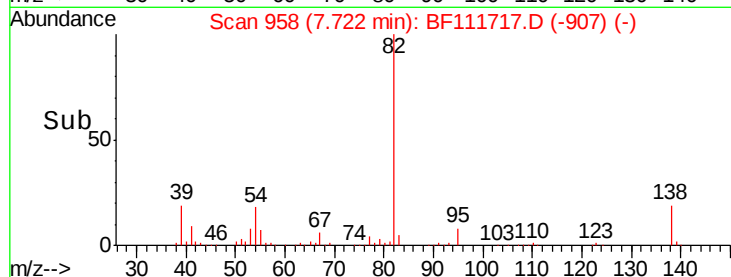
138 18.1 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF111717.D (-907) (-)

Ion 95.00 (94.70 to 95.70): BF111717.D (-907) (-)

Ion 138.00 (137.70 to 138.70): BF111717.D (-907) (-)



#26

2-Nitrophenol

Concen: 51.596 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

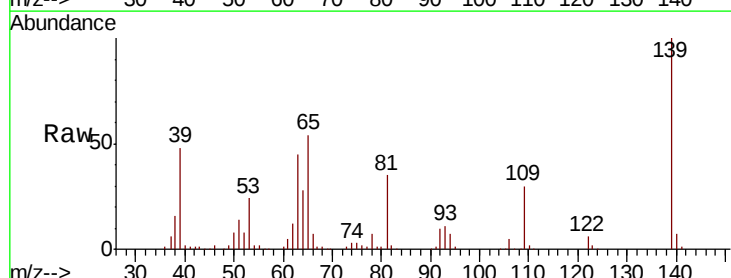
Tgt Ion: 139 Resp: 256471

Ion Ratio Lower Upper

139 100

109 30.1 20.2 30.4

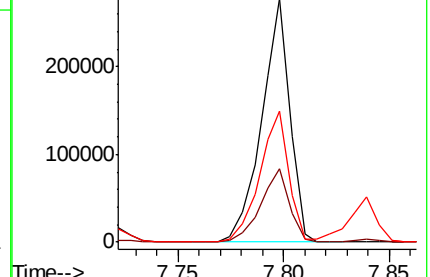
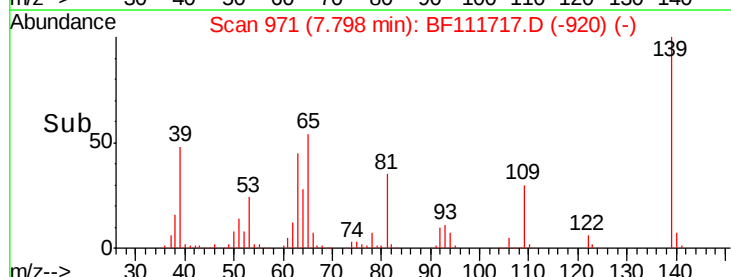
65 53.6 40.7 61.1

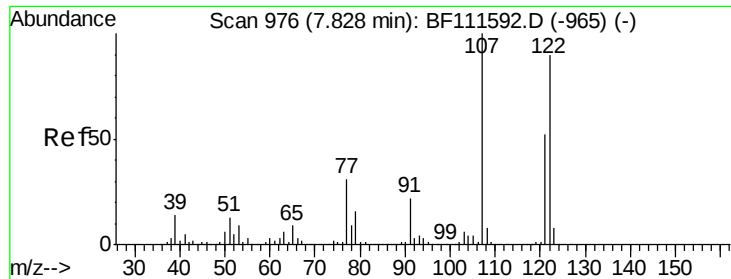


Abundance Ion 139.00 (138.70 to 139.70): BF111717.D (-920) (-)

Ion 109.00 (108.70 to 109.70): BF111717.D (-920) (-)

Ion 65.00 (64.70 to 65.70): BF111717.D (-920) (-)

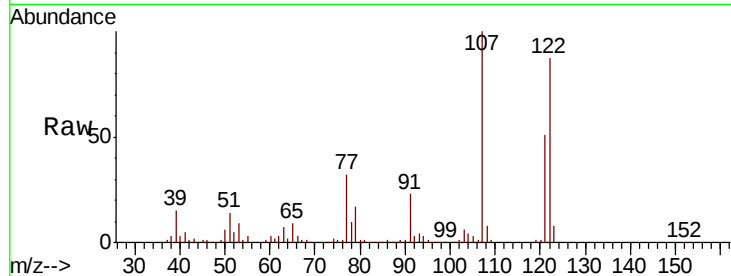




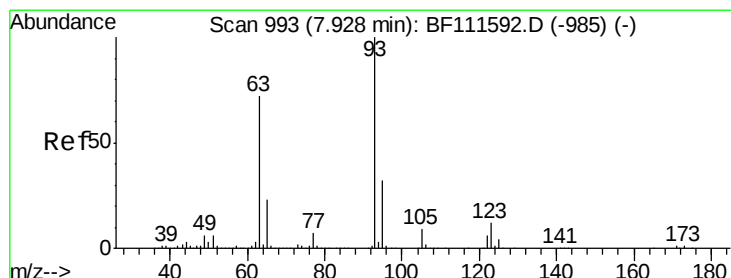
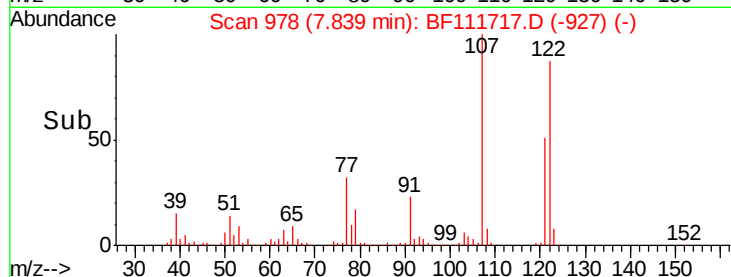
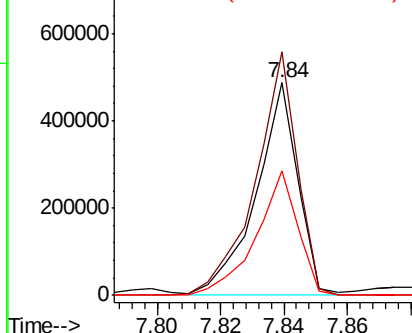
#27
2,4-Dimethylphenol
Concen: 45.554 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:122 Resp: 446372
Ion Ratio Lower Upper
122 100
107 114.6 85.5 128.3
121 58.7 46.6 70.0

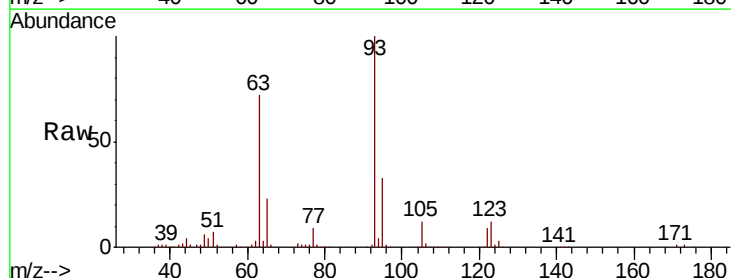


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

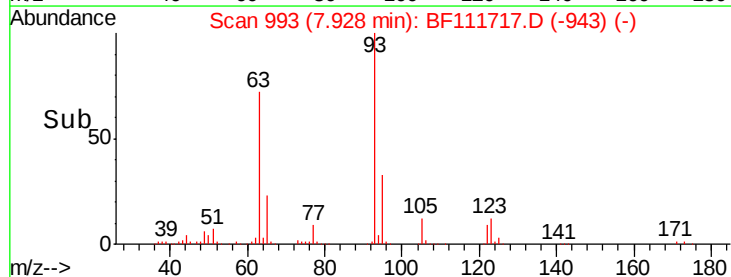
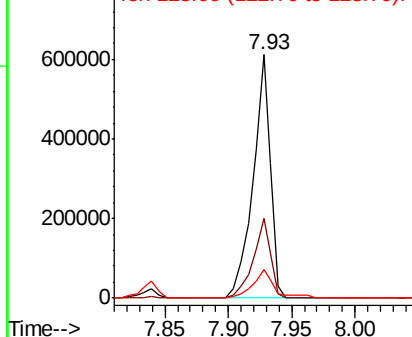


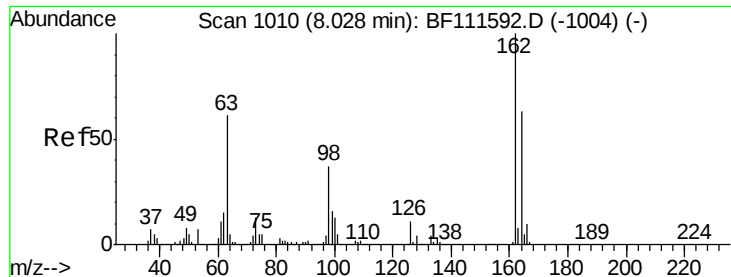
#28
bis(2-Chloroethoxy)methane
Concen: 42.583 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion: 93 Resp: 588277
Ion Ratio Lower Upper
93 100
95 32.6 27.1 40.7
123 11.7 9.9 14.9



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

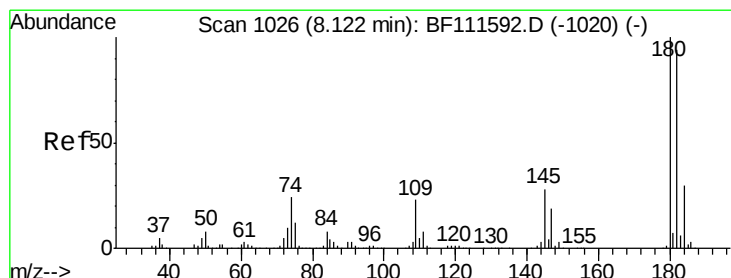
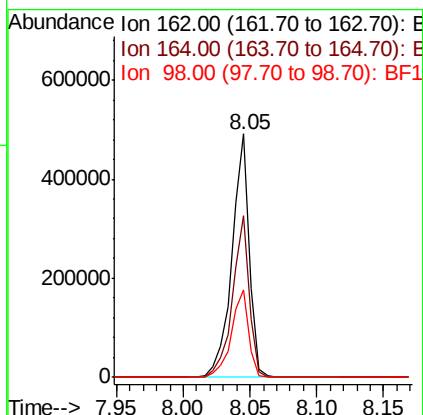
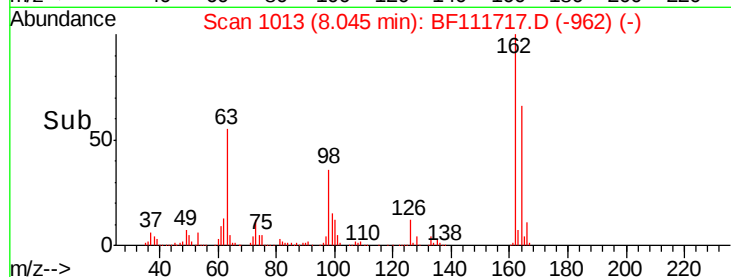
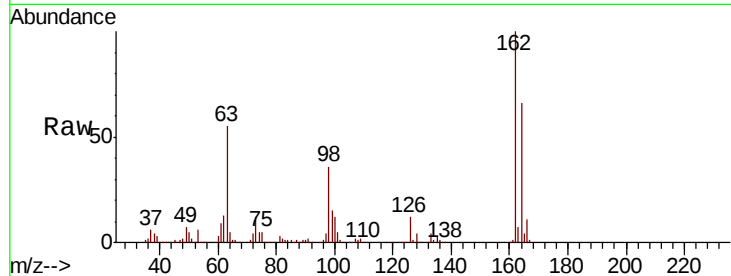




#29
2,4-Dichlorophenol
Concen: 42.893 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

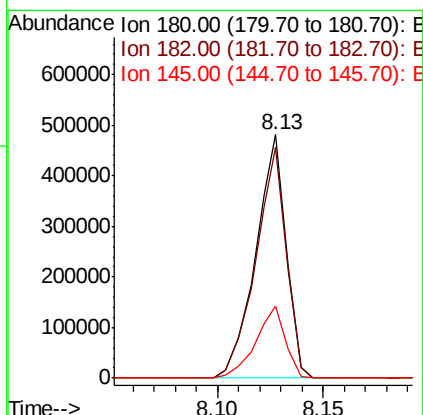
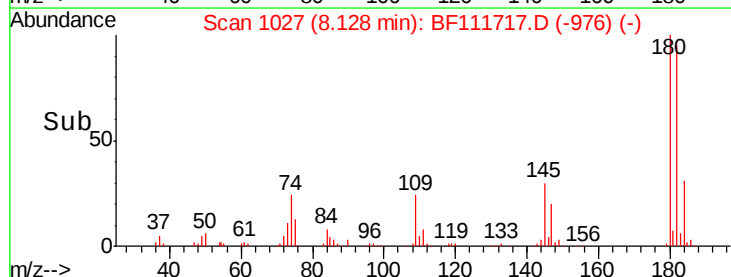
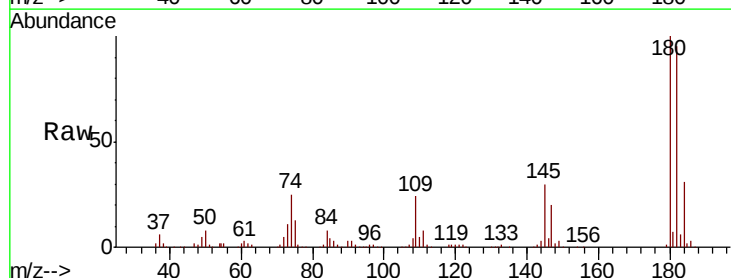
Instrument :
BNA_E
ClientSampleId :

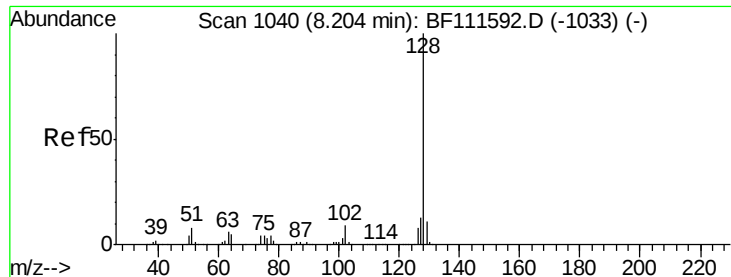
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	44.4	84.4
98	35.8	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 41.047 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.6	113.4
145	29.7	26.7	40.1

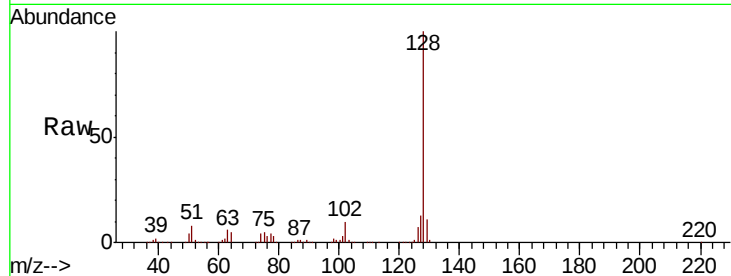




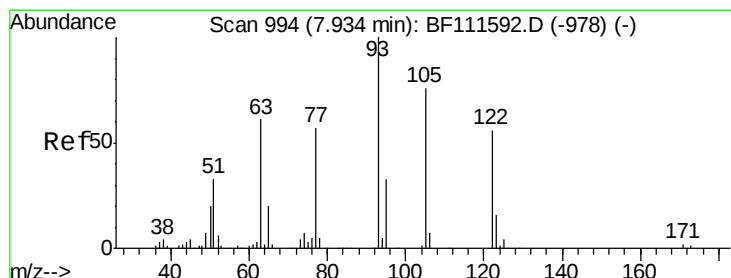
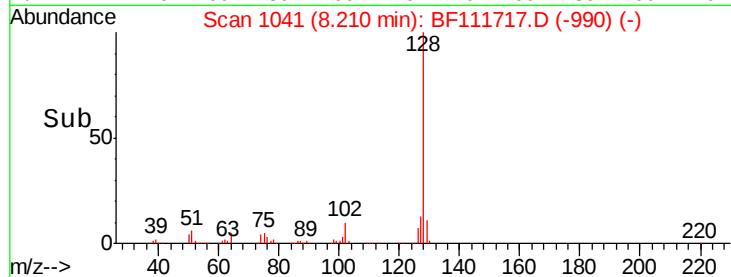
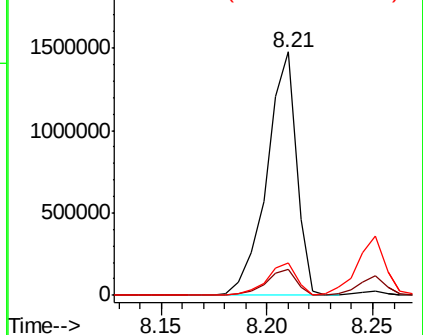
#31
Naphthalene
Concen: 44.231 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 1446617
Ion Ratio Lower Upper
128 100
129 10.9 9.8 14.8
127 13.4 12.0 18.0

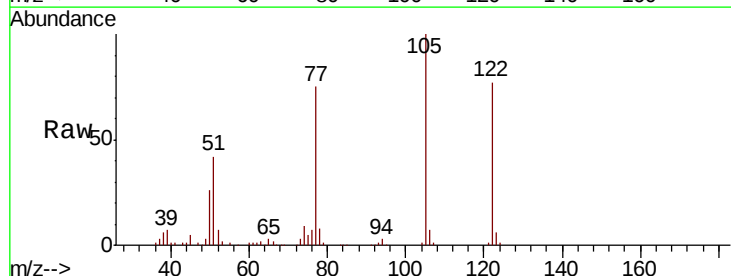


Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

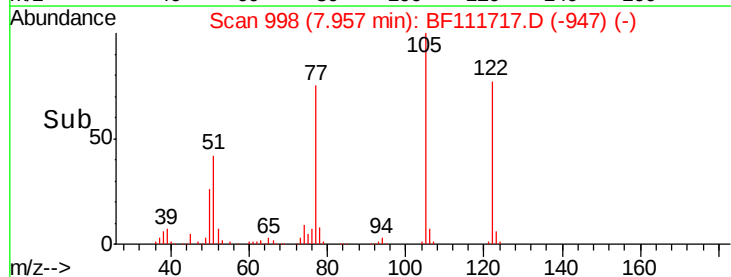
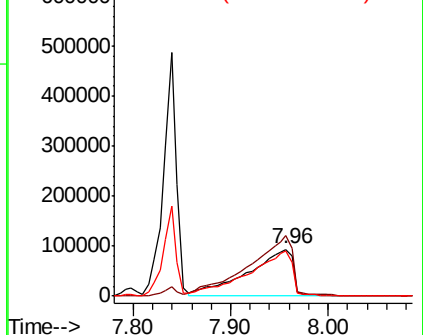


#32
Benzoic acid
Concen: 46.349 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion:122 Resp: 300282
Ion Ratio Lower Upper
122 100
105 129.8 97.0 137.0
77 97.8 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

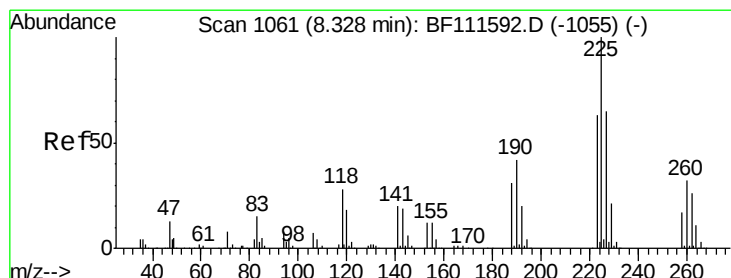
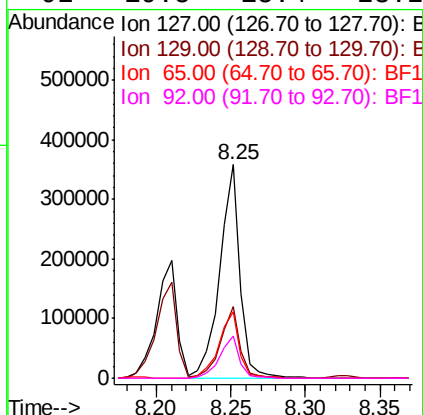
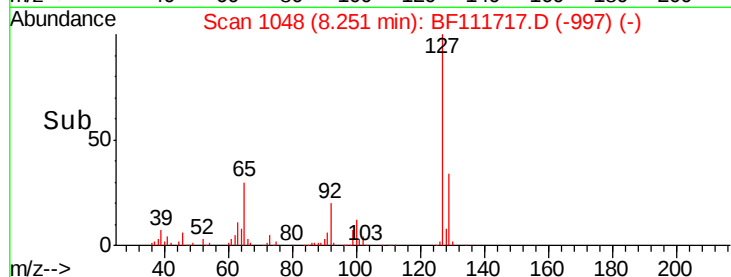
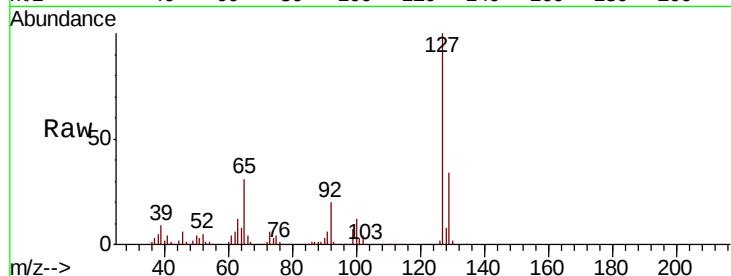




#33
4-Chloroaniline
Concen: 24.176 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

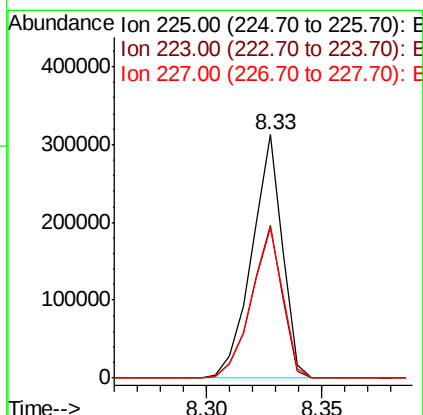
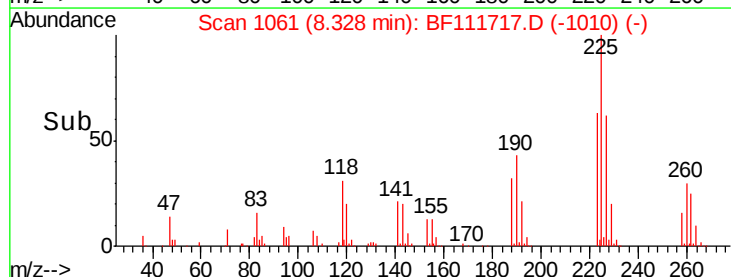
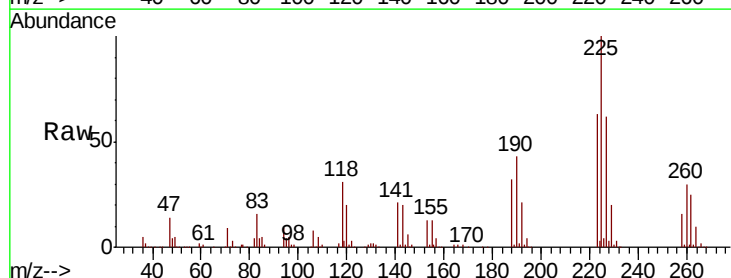
Instrument :
BNA_E
ClientSampleId :

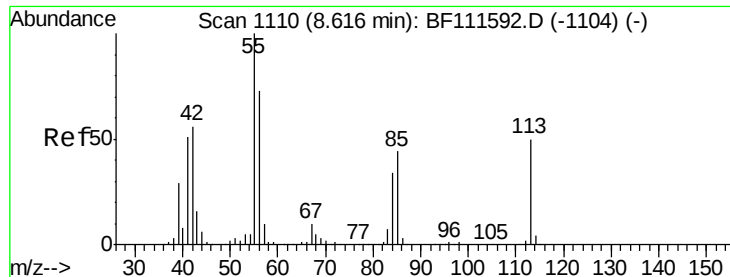
Tot Ion:	127	Resp:	341749
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.6	39.8
65	31.3	25.7	38.5
92	19.5	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.280 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion:	225	Resp:	288321
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.7	76.1
227	61.9	52.6	78.8





#35

Caprolactam

Concen: 16.130 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.03 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampled :

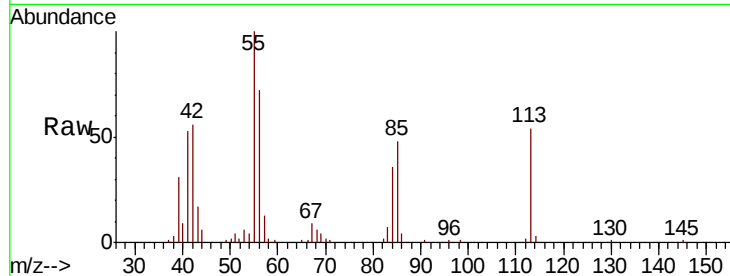
Tot Ion:113 Resp: 57605

Ion Ratio Lower Upper

113 100

55 184.2 184.1 224.1

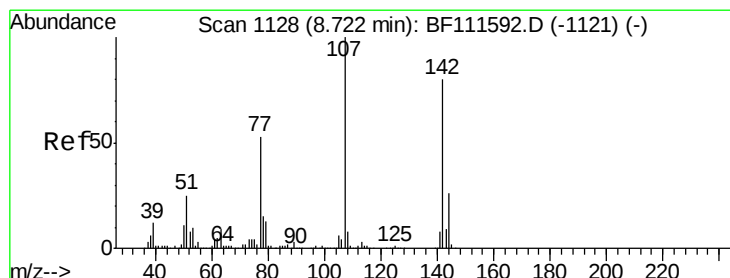
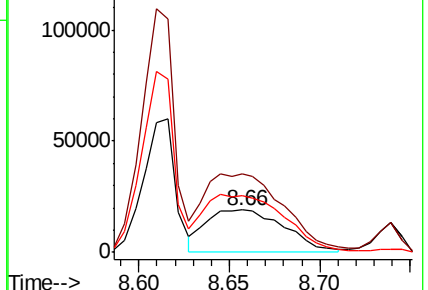
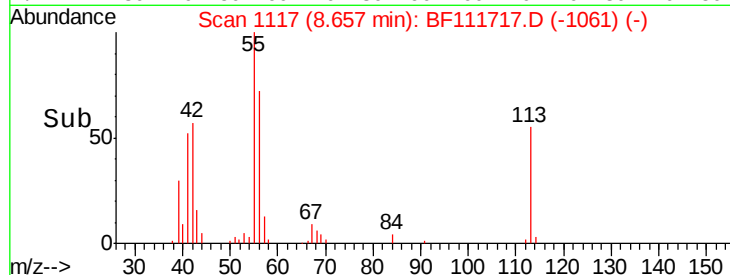
56 132.3 126.0 166.0



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: 43.150 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

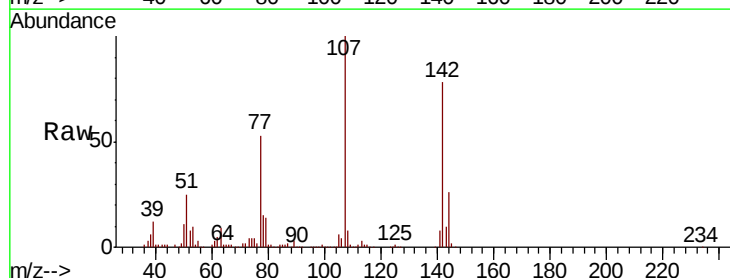
Tgt Ion:107 Resp: 447049

Ion Ratio Lower Upper

107 100

144 25.9 19.8 29.6

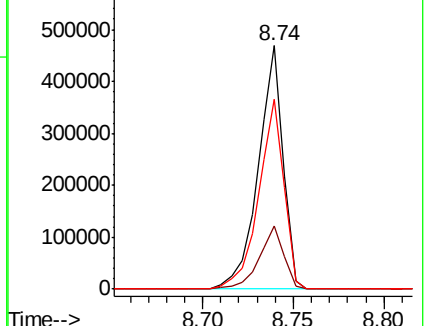
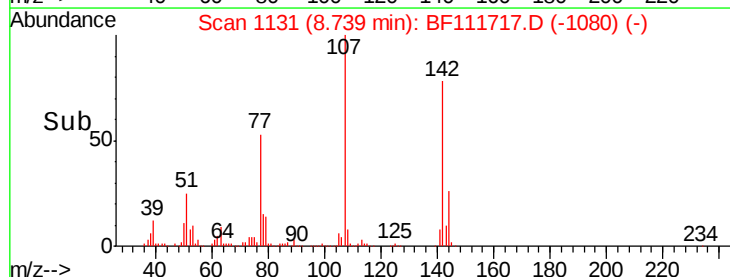
142 78.0 62.3 93.5

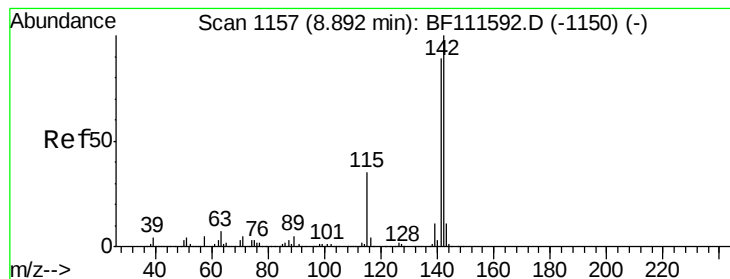


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.059 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampled :

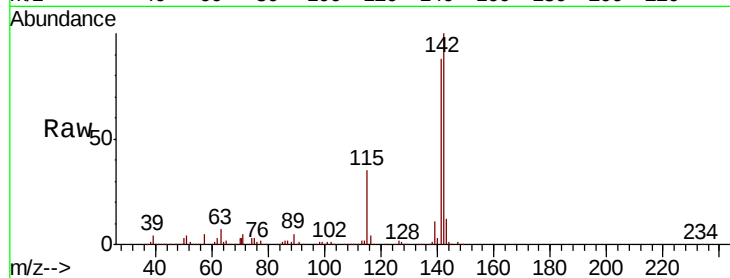
Tot Ion:142 Resp: 1001355

Ion Ratio Lower Upper

142 100

141 88.2 70.6 105.8

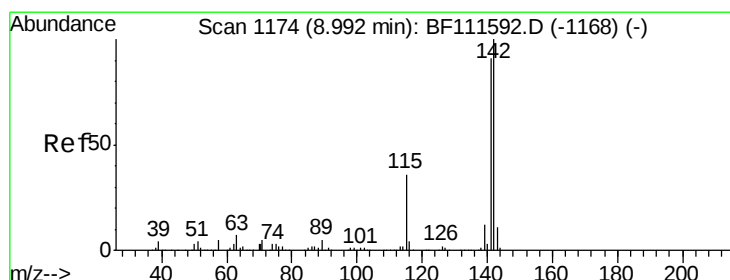
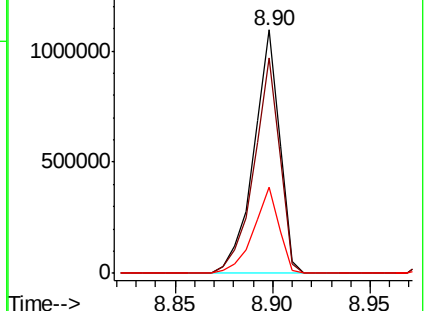
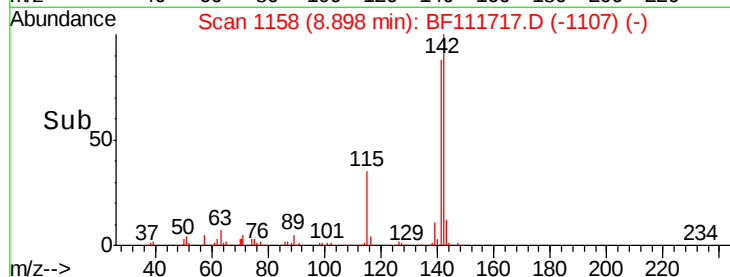
115 35.4 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.079 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

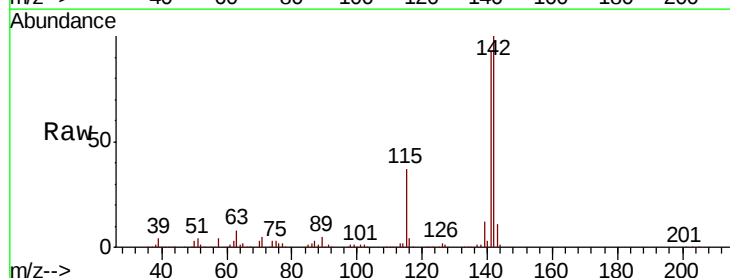
Tgt Ion:142 Resp: 941666

Ion Ratio Lower Upper

142 100

141 92.9 74.2 111.4

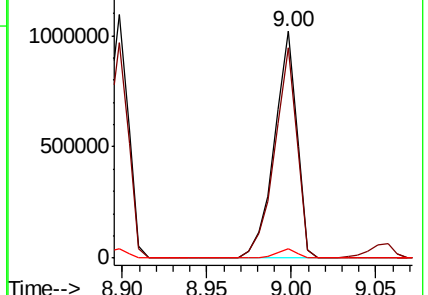
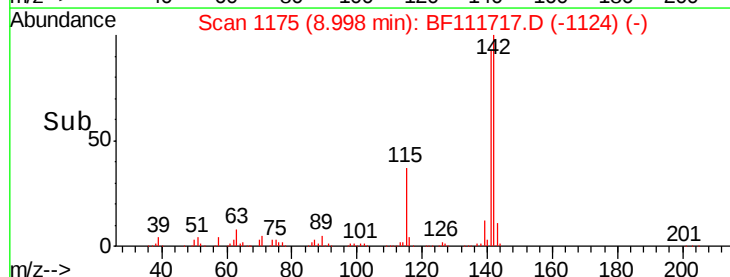
116 4.0 2.9 4.3

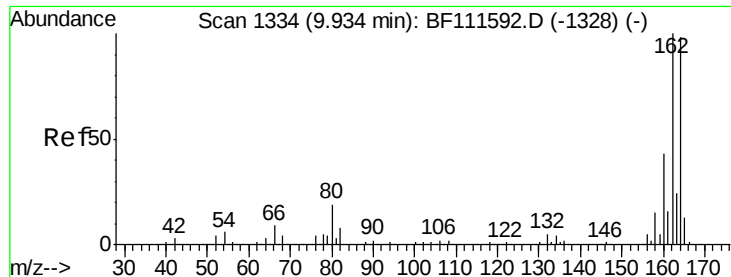


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

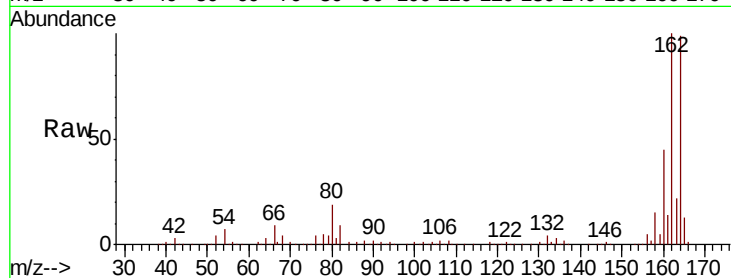
Tot Ion:164 Resp: 357919

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

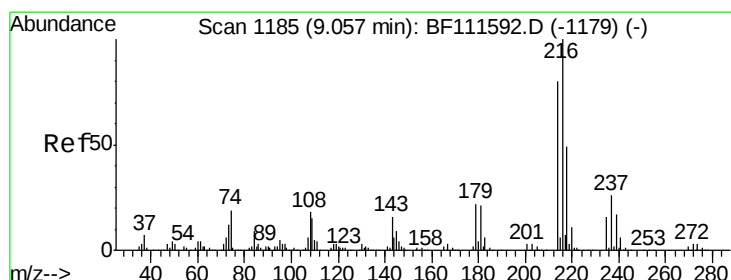
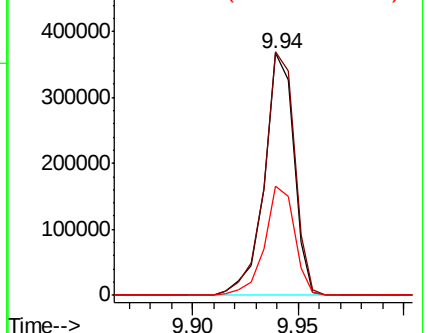
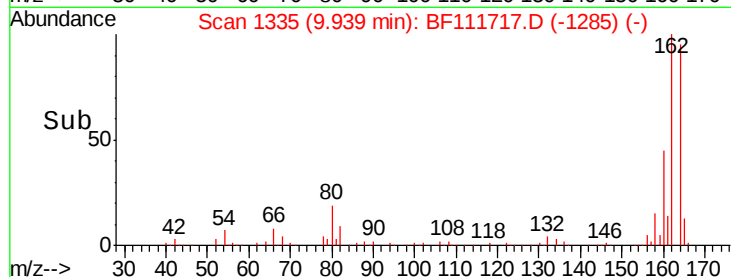
160 45.3 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.379 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Tgt Ion:216 Resp: 463140

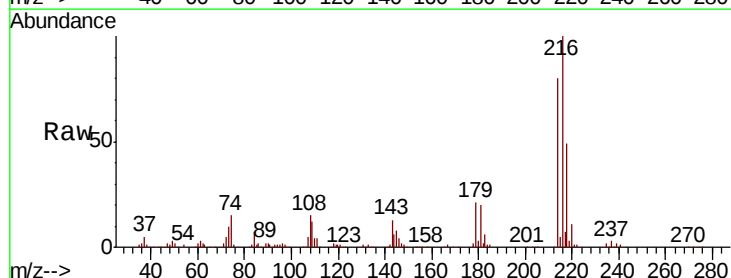
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 21.3 17.9 26.9

108 21.0 18.4 27.6

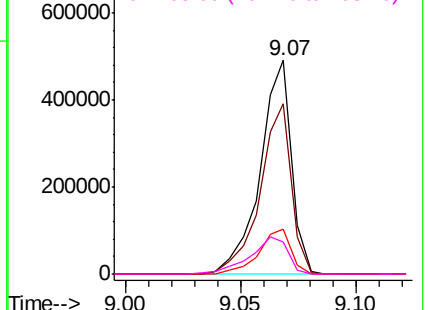
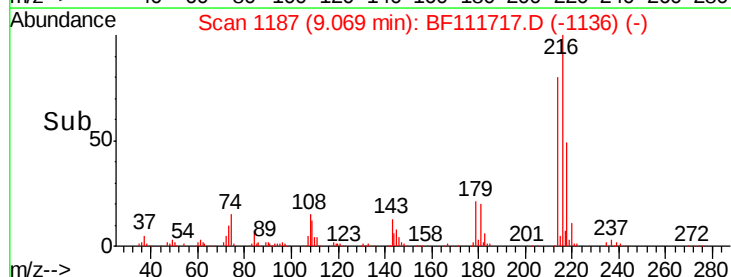


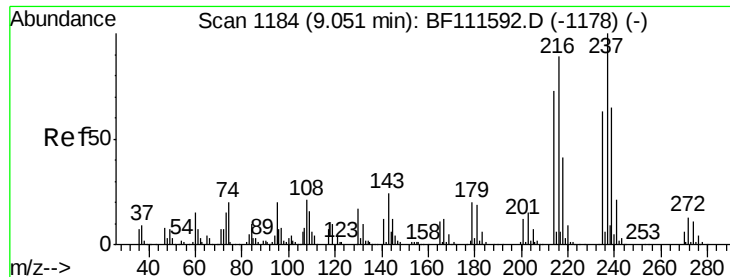
Abundance Ion 216.00 (215.70 to 216.70): E

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: 111.896 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

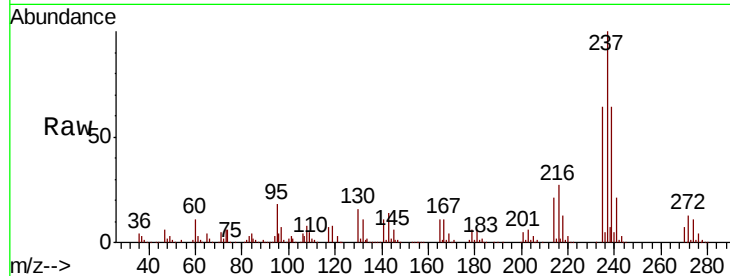
Tot Ion:237 Resp: 638622

Ion Ratio Lower Upper

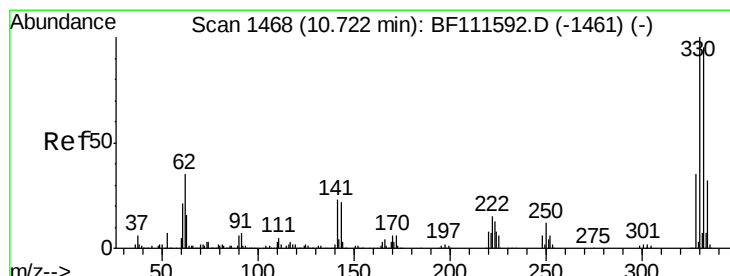
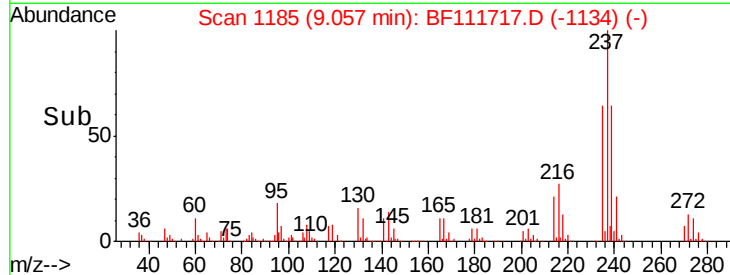
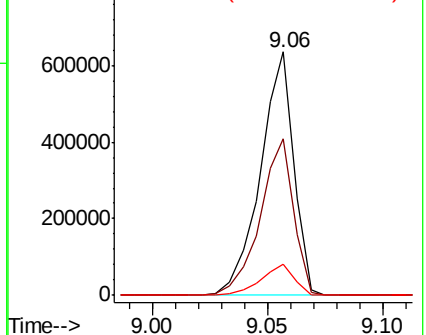
237 100

235 64.2 43.1 83.1

272 12.8 0.0 33.0



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: 134.072 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

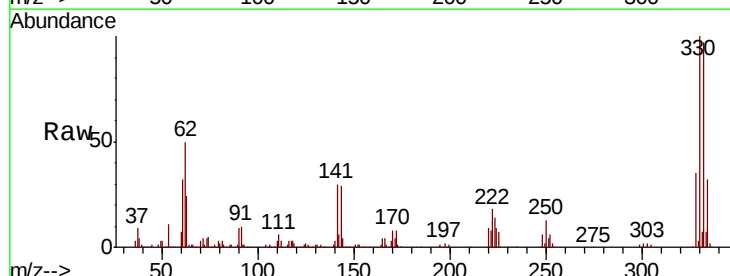
Tgt Ion:330 Resp: 567002

Ion Ratio Lower Upper

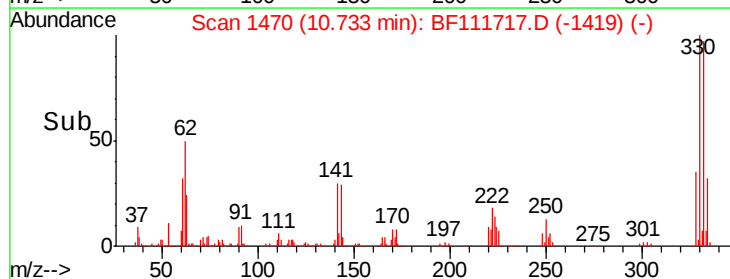
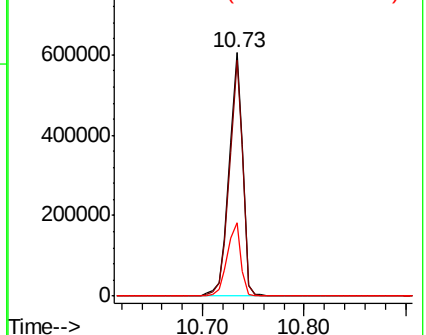
330 100

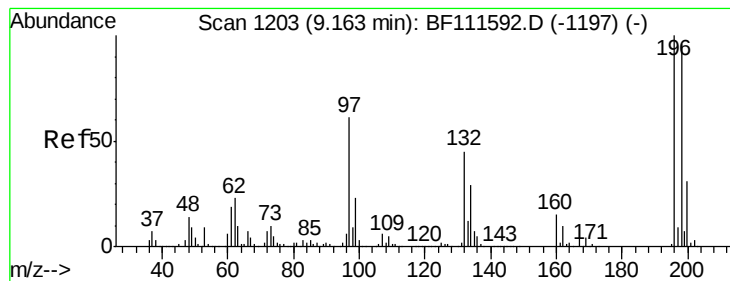
332 95.7 76.0 114.0

141 30.1 31.0 46.6#



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: 41.826 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampled :

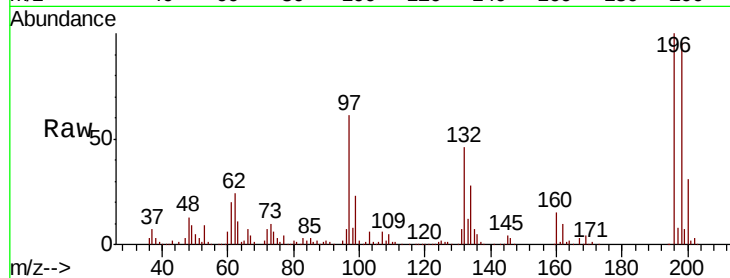
Tot Ion:196 Resp: 328435

Ion Ratio Lower Upper

196 100

198 95.5 76.3 114.5

200 30.6 24.9 37.3

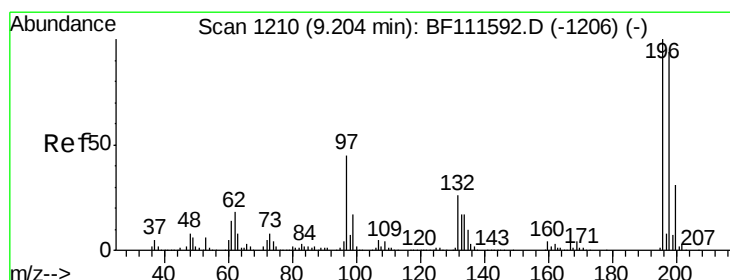
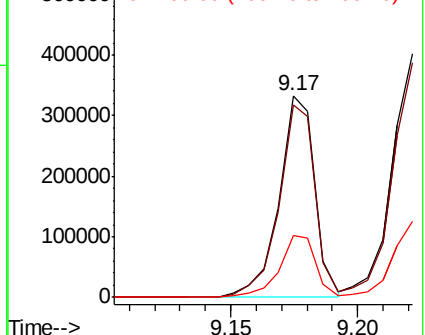
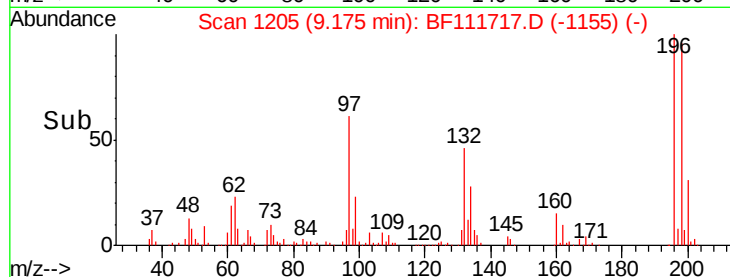


Abundance

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: 43.140 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Tgt Ion:196 Resp: 347527

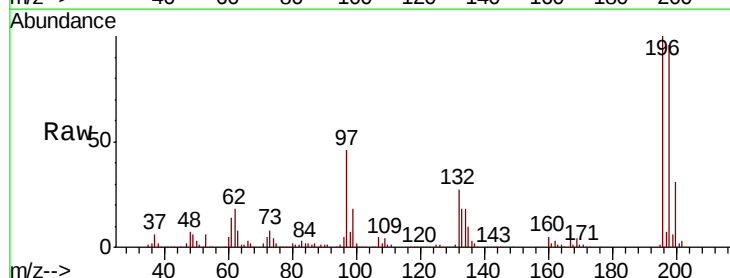
Ion Ratio Lower Upper

196 100

198 96.1 72.9 109.3

97 46.5 45.3 67.9

132 26.5 25.5 38.3



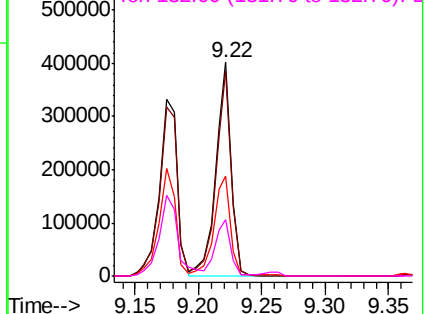
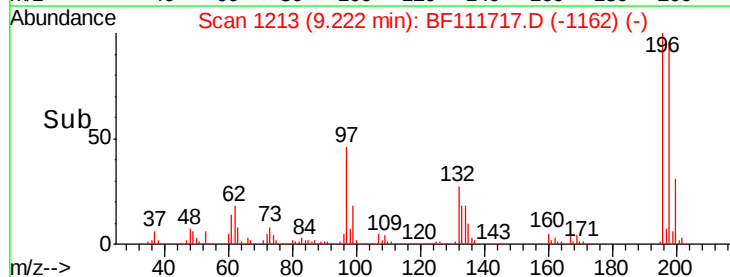
Abundance

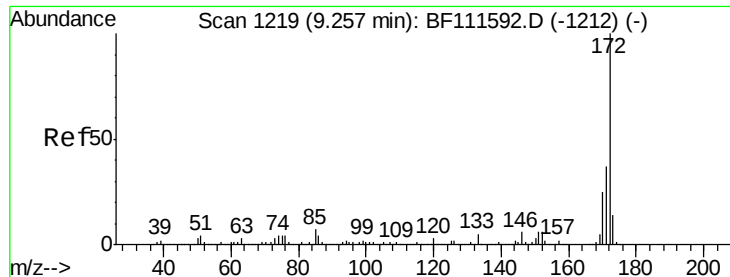
Ion 196.00 (195.70 to 196.70): E

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

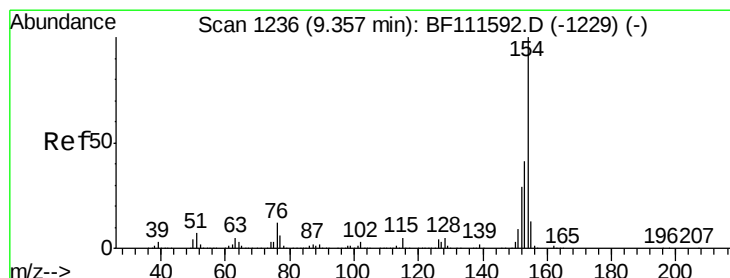
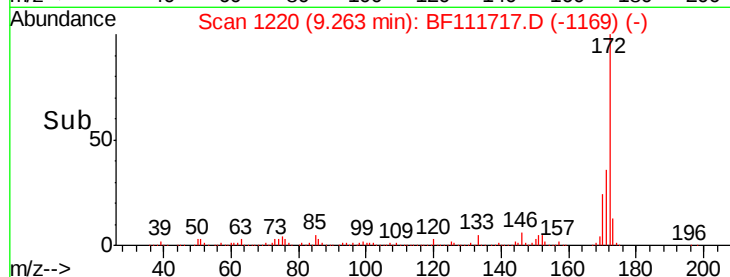
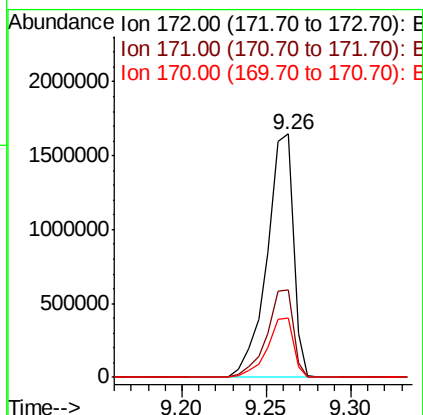
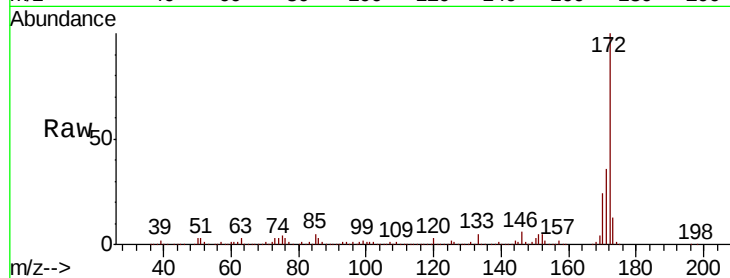




#45
2-Fluorobiphenyl
Concen: 72.562 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

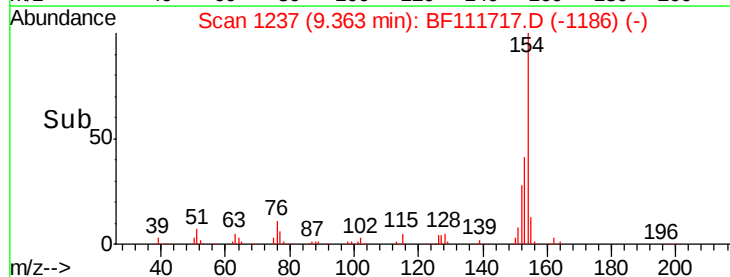
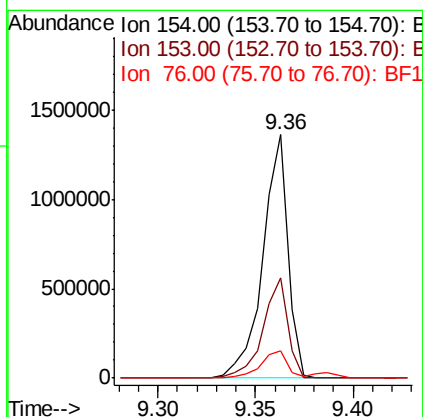
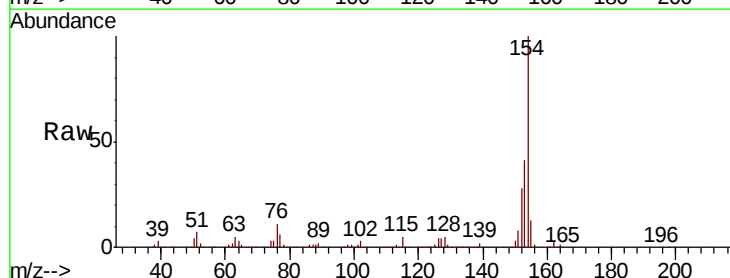
Instrument :
BNA_E
ClientSampleId :

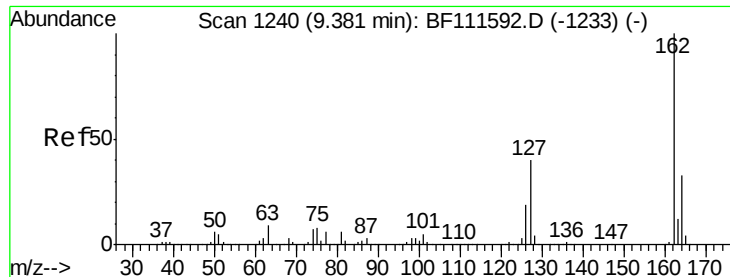
Tot Ion:172 Resp: 1781827
Ion Ratio Lower Upper
172 100
171 35.8 33.0 49.4
170 24.1 22.3 33.5



#46
1,1'-Biphenyl
Concen: 40.080 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion:154 Resp: 1210969
Ion Ratio Lower Upper
154 100
153 41.4 23.7 63.7
76 11.4 0.0 35.0

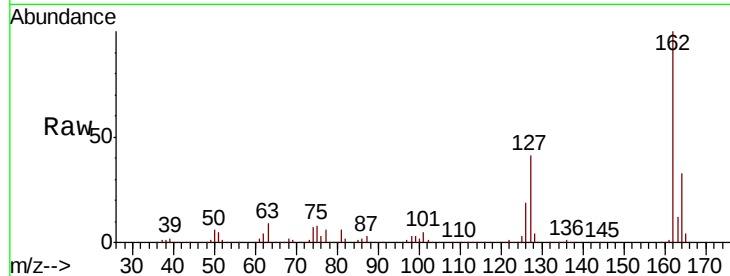




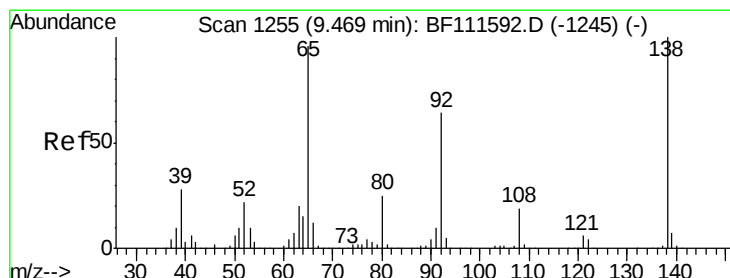
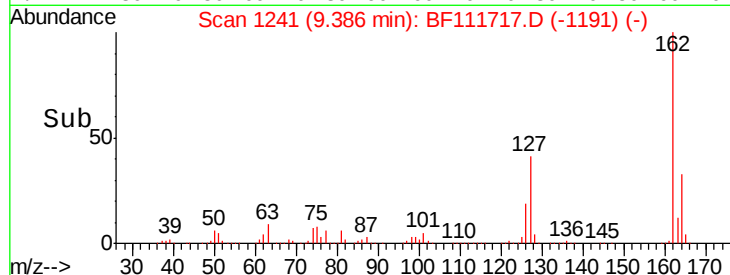
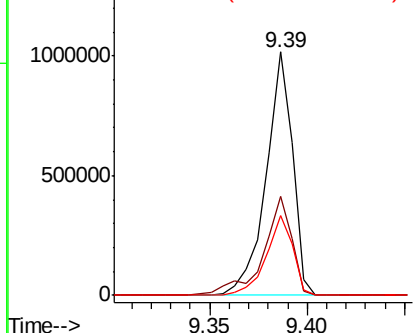
#47
2-Chloronaphthalene
Concen: 39.875 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:162 Resp: 954520
Ion Ratio Lower Upper
162 100
127 40.8 35.0 52.4
164 32.7 28.4 42.6

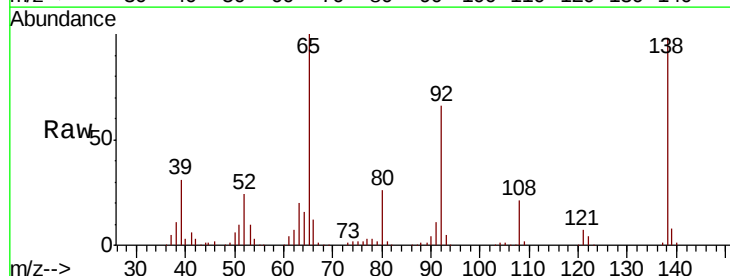


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

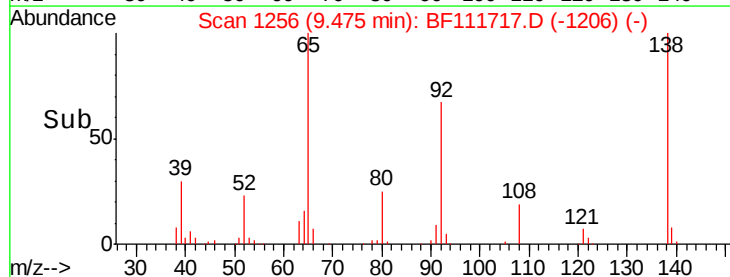
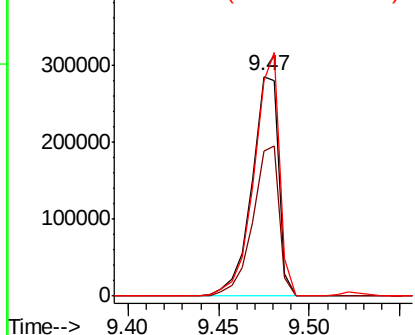


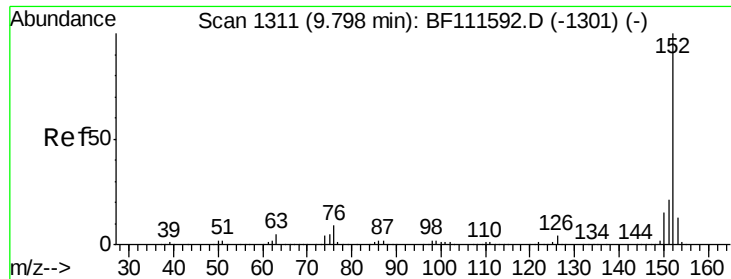
#48
2-Nitroaniline
Concen: 47.329 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion: 65 Resp: 294743
Ion Ratio Lower Upper
65 100
92 66.3 53.5 80.3
138 98.2 80.9 121.3



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: 43.695 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

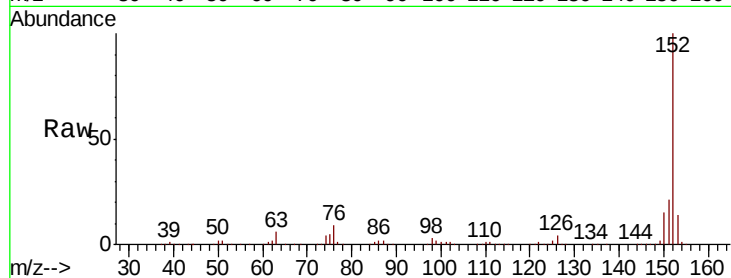
Tot Ion:152 Resp: 1527186

Ion Ratio Lower Upper

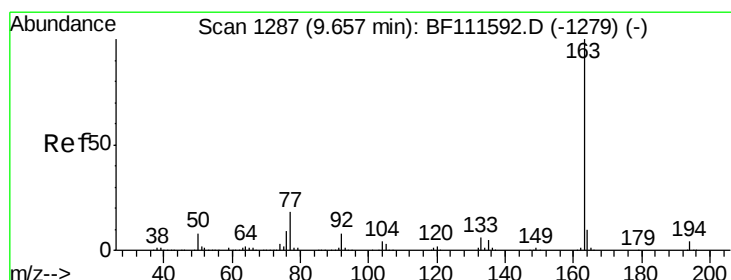
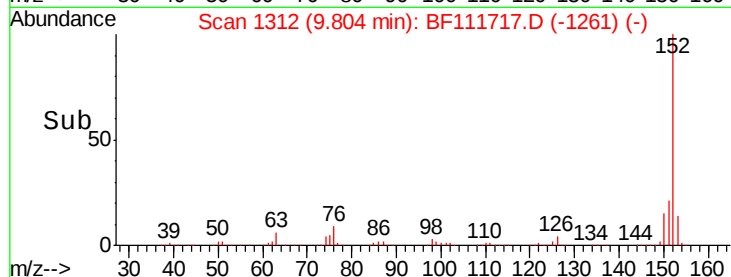
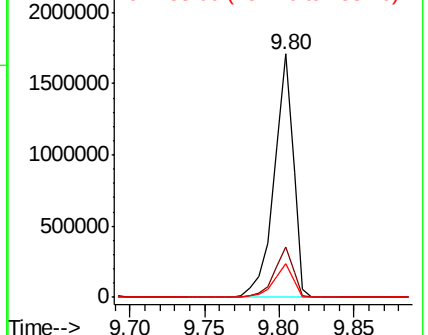
152 100

151 20.5 18.0 27.0

153 13.7 12.3 18.5



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: 43.062 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

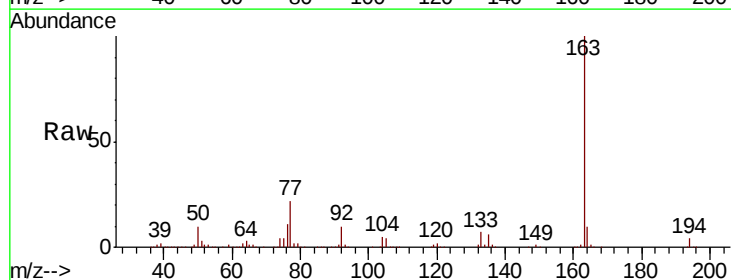
Tgt Ion:163 Resp: 1127076

Ion Ratio Lower Upper

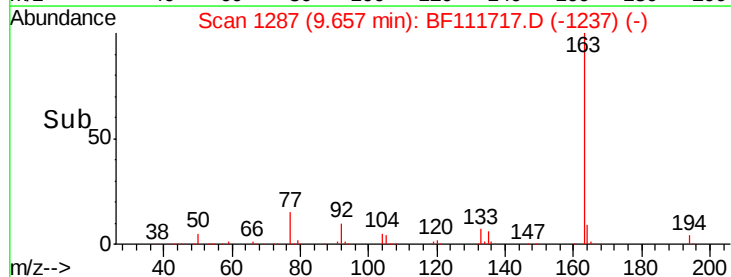
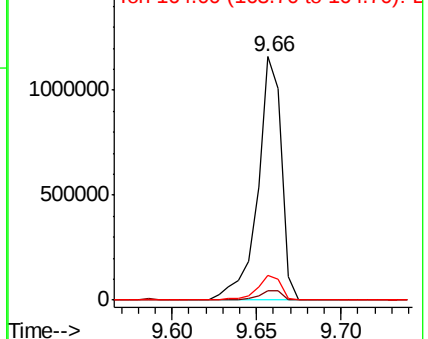
163 100

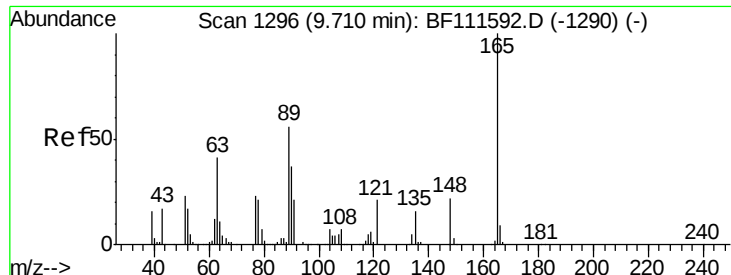
194 4.0 3.0 4.6

164 10.4 8.9 13.3



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

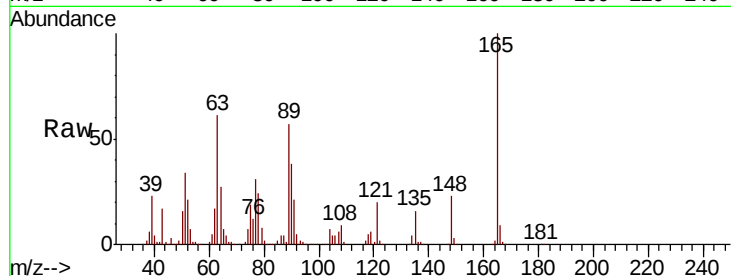




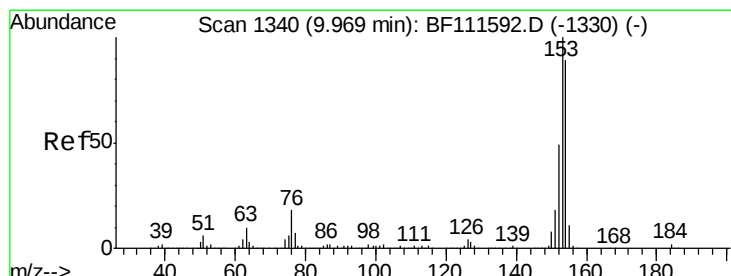
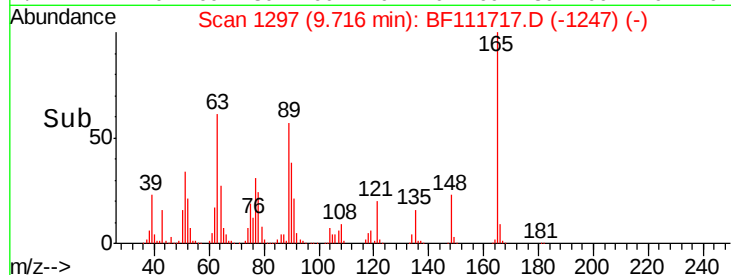
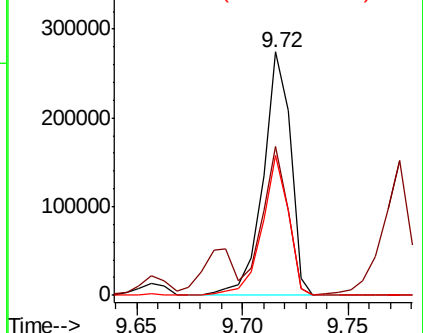
#51
 2,6-Dinitrotoluene
 Concen: 47.581 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:165 Resp: 248325
 Ion Ratio Lower Upper
 165 100
 63 61.3 40.5 60.7#
 89 57.5 40.0 60.0

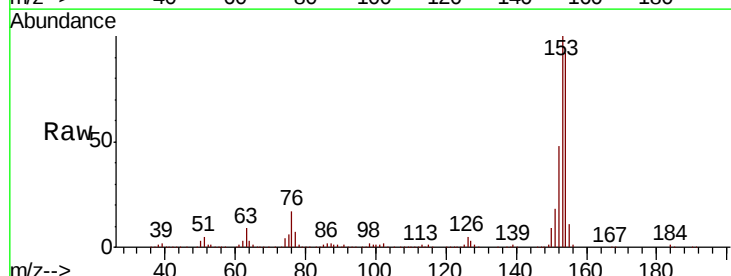


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

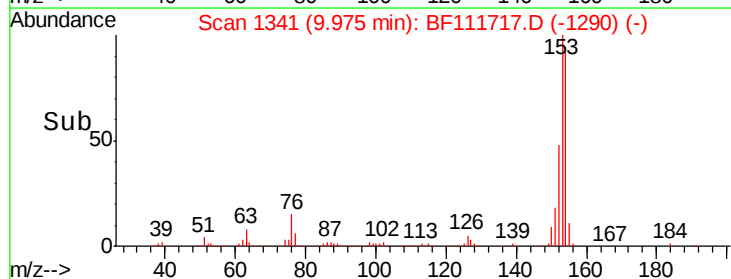
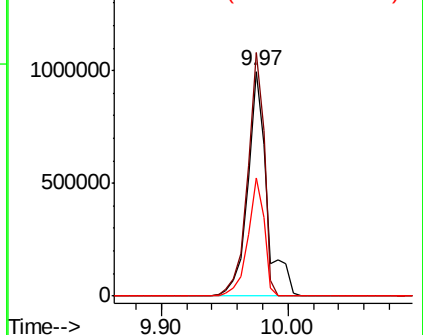


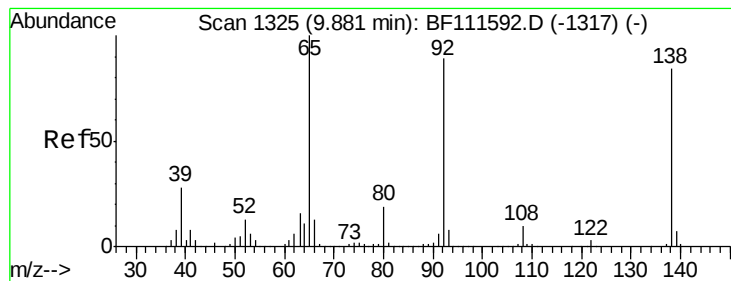
#52
 Acenaphthene
 Concen: 48.029 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Tgt Ion:154 Resp: 1035331
 Ion Ratio Lower Upper
 154 100
 153 108.4 87.8 131.8
 152 52.4 43.4 65.2



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: 33.035 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

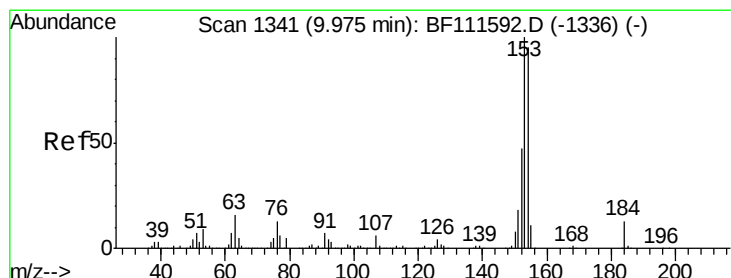
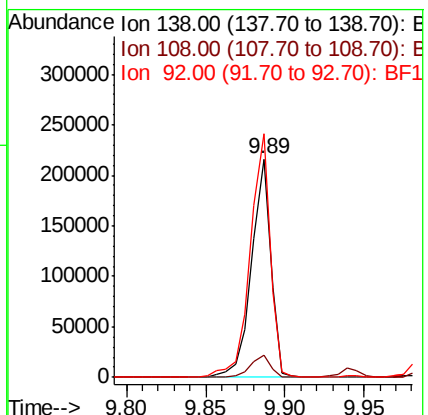
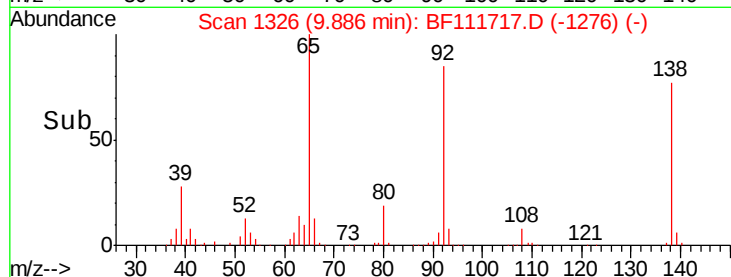
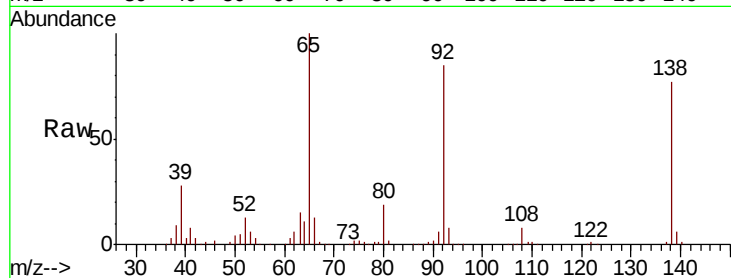
Tot Ion:138 Resp: 183875

Ion Ratio Lower Upper

138 100

108 10.4 8.2 12.4

92 111.5 93.4 140.2



#54

2,4-Dinitrophenol

Concen: 144.699 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

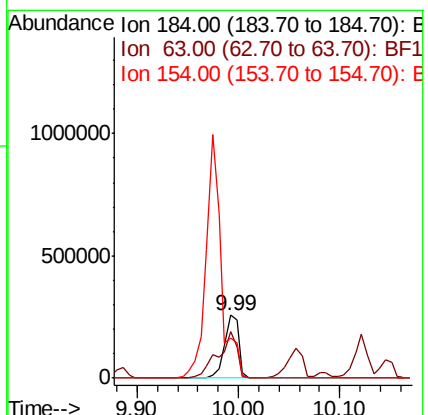
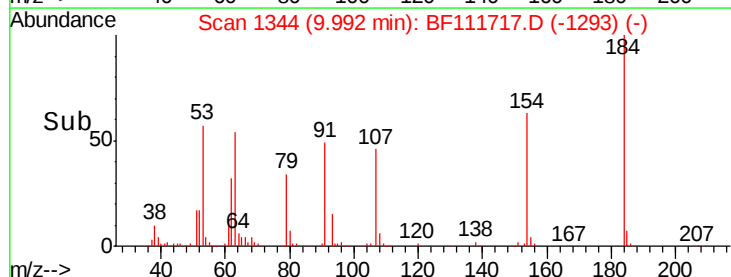
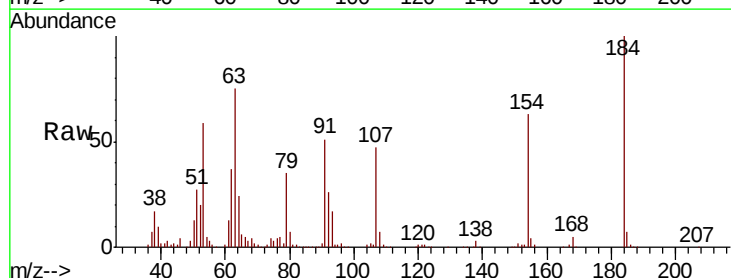
Tgt Ion:184 Resp: 253249

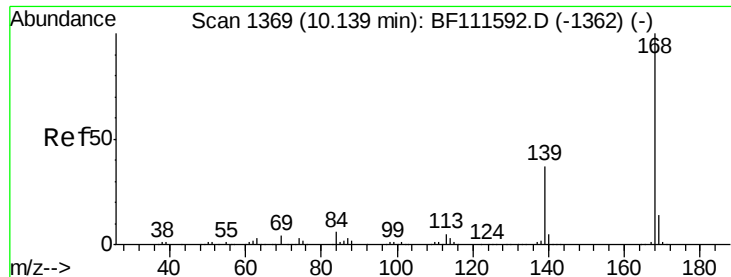
Ion Ratio Lower Upper

184 100

63 74.8 62.3 93.5

154 62.8 56.2 84.2





#55

Dibenzofuran

Concen: 41.966 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

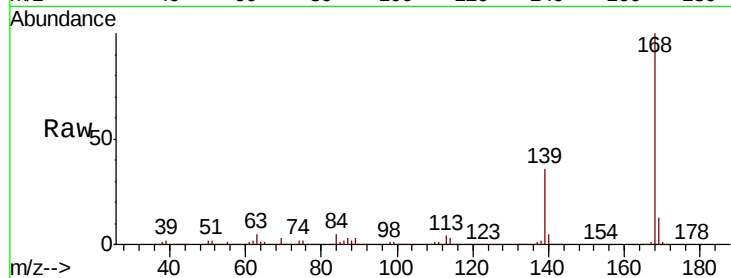
Tot Ion:168 Resp: 1366704

Ion Ratio Lower Upper

168 100

139 35.6 32.6 49.0

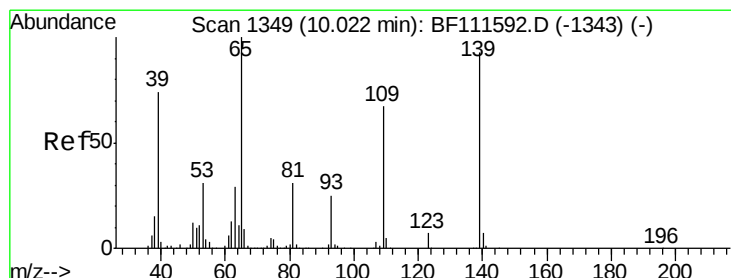
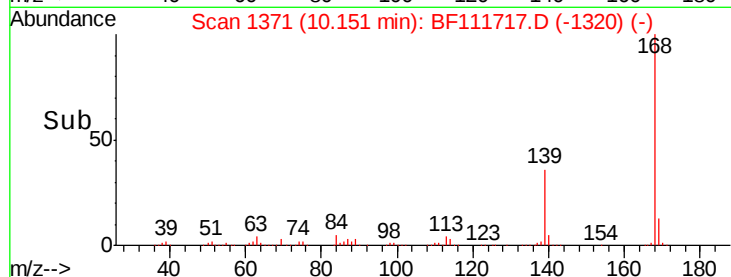
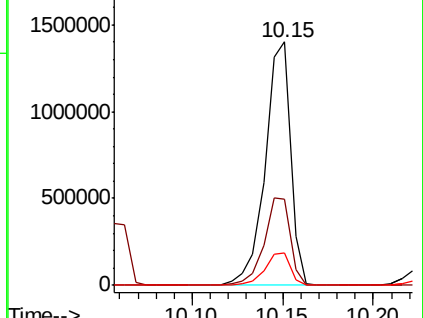
169 13.2 11.8 17.6



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: 97.271 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

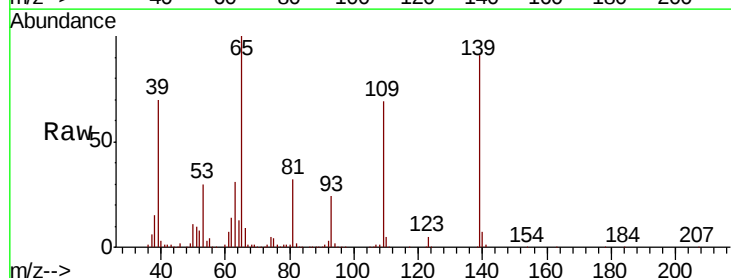
Tgt Ion:139 Resp: 413183

Ion Ratio Lower Upper

139 100

109 76.1 41.8 81.8

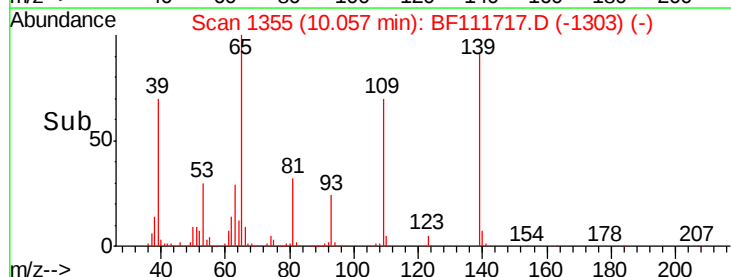
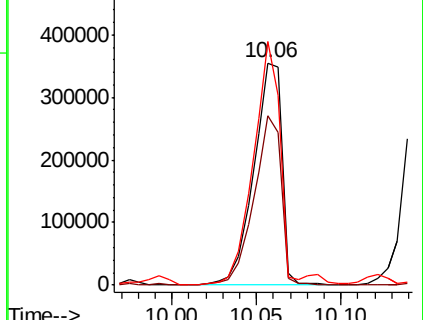
65 109.6 79.6 119.6

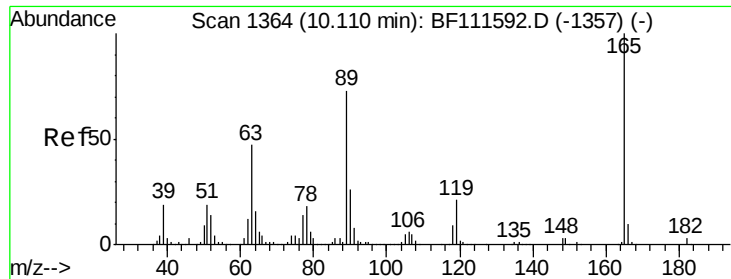


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

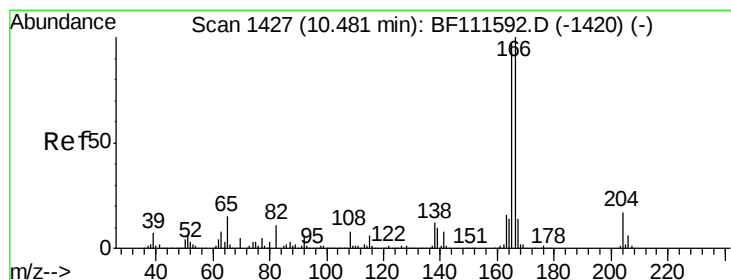
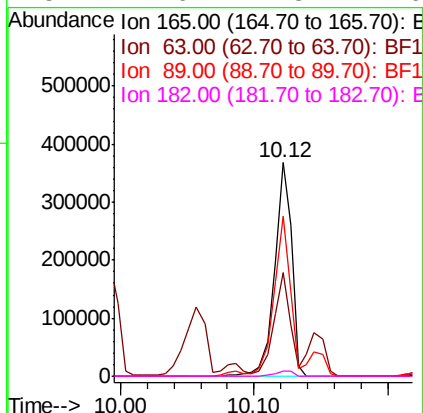
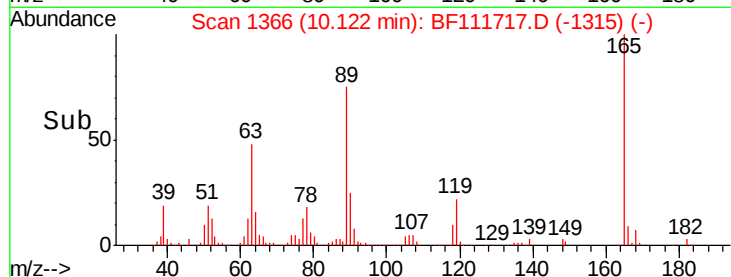
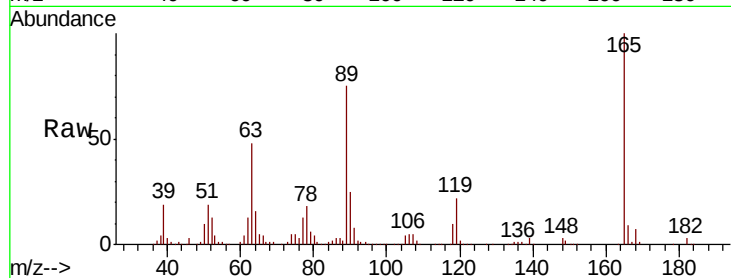




#57
2,4-Dinitrotoluene
Concen: 52.888 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

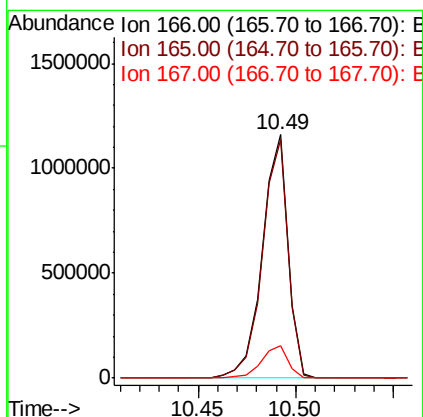
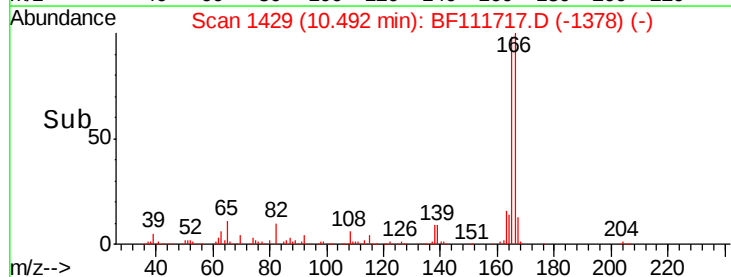
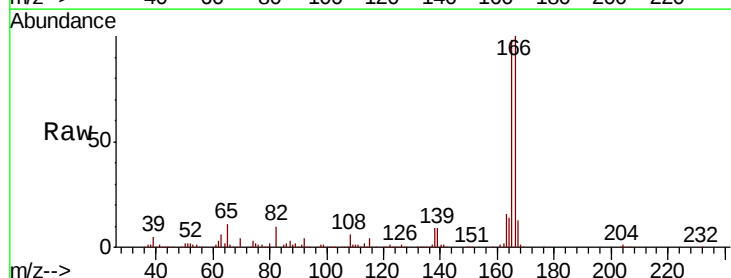
Instrument :
BNA_E
ClientSampled :

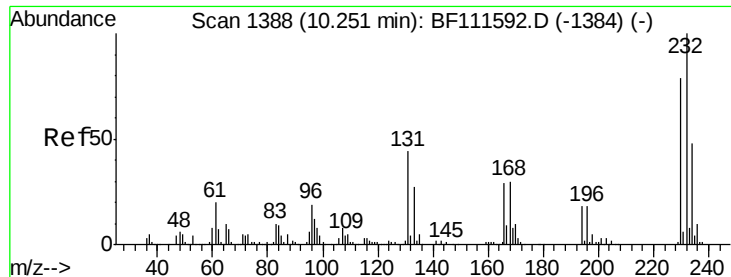
Tot Ion:165 Resp: 331744
Ion Ratio Lower Upper
165 100
63 48.5 34.6 52.0
89 75.2 56.2 84.4
182 2.6 1.8 2.6



#58
Fluorene
Concen: 45.105 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion:166 Resp: 1058498
Ion Ratio Lower Upper
166 100
165 97.8 78.4 117.6
167 13.2 11.2 16.8

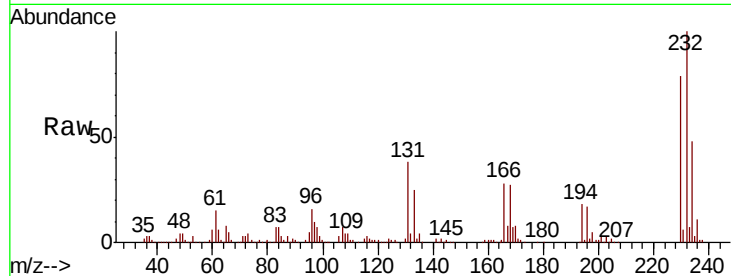




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.568 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	40.9	61.3
130	2.2	2.0	3.0
166	29.5	26.8	40.2



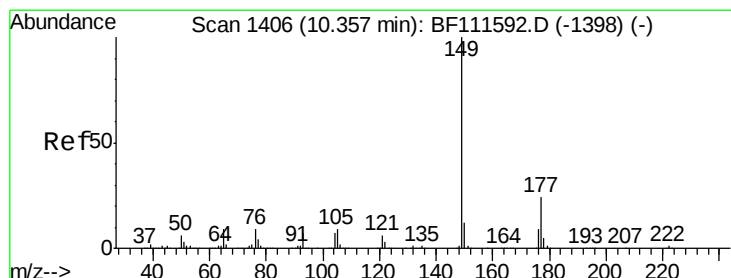
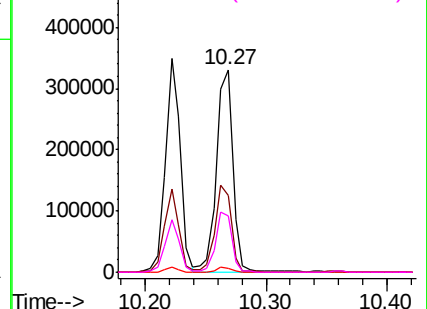
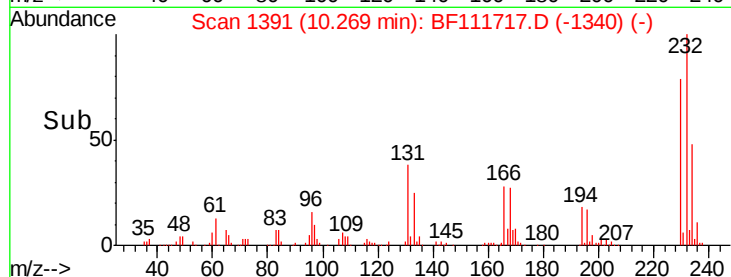
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

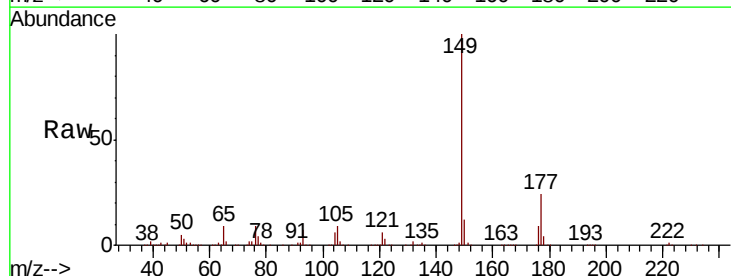
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.900 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.3	27.5
150	12.5	10.6	15.8

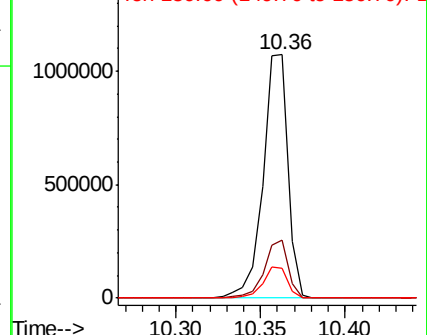
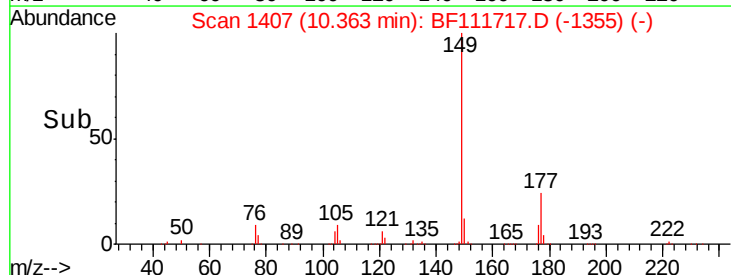


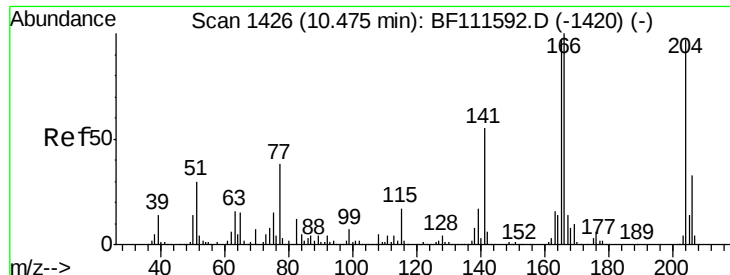
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

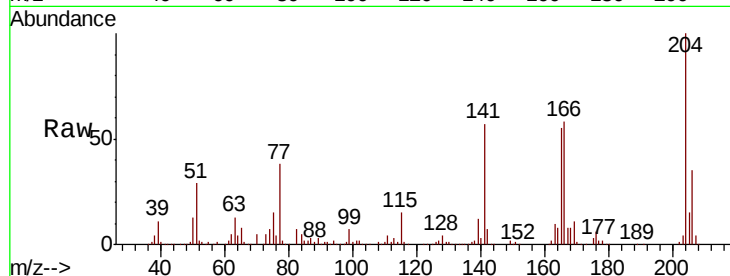




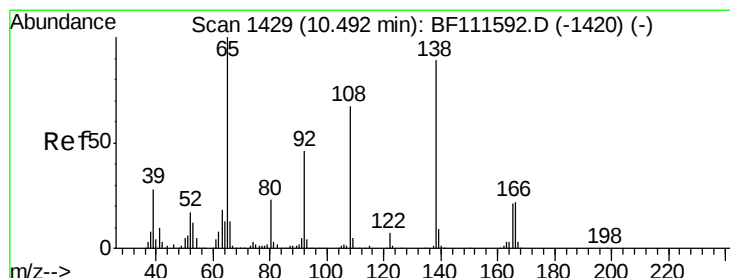
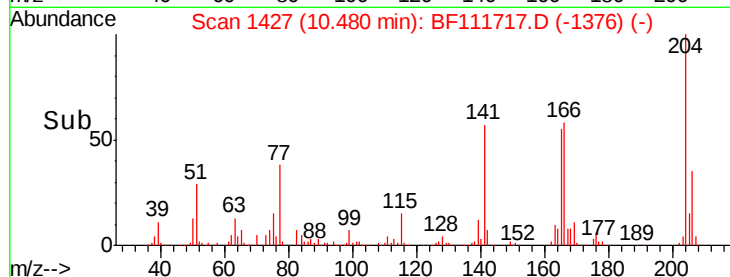
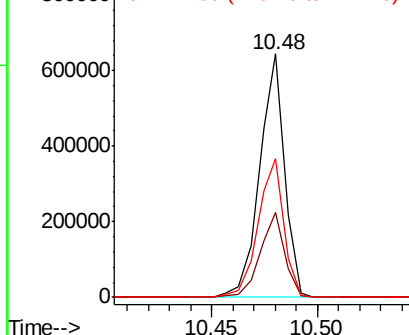
#61
4-Chlorophenyl-phenylether
Concen: 40.782 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:204 Resp: 528761
Ion Ratio Lower Upper
204 100
206 34.6 26.6 39.8
141 57.1 52.6 78.8

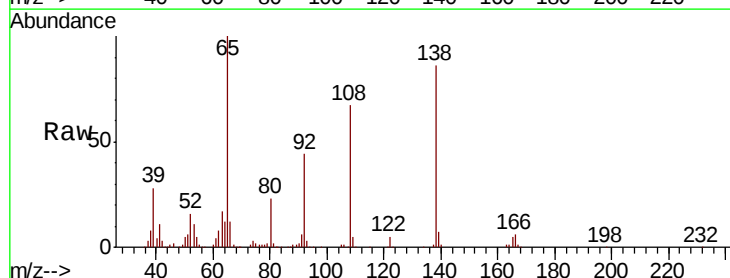


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

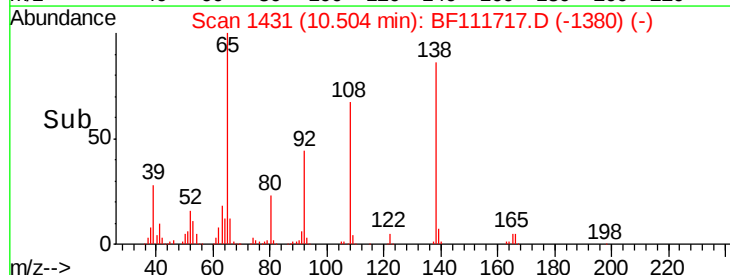
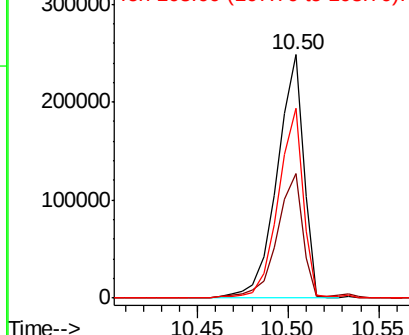


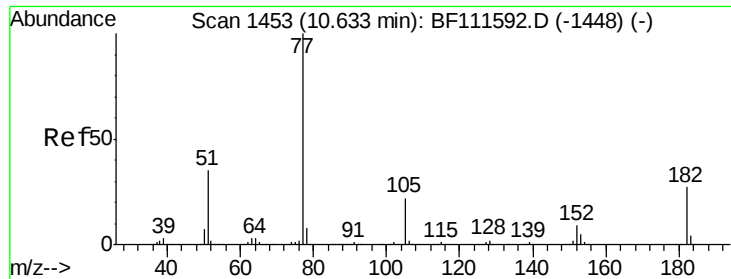
#62
4-Nitroaniline
Concen: 46.951 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion:138 Resp: 253991
Ion Ratio Lower Upper
138 100
92 51.4 29.9 69.9
108 78.0 43.2 83.2



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

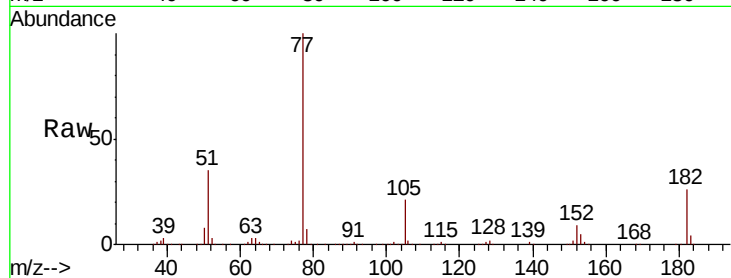




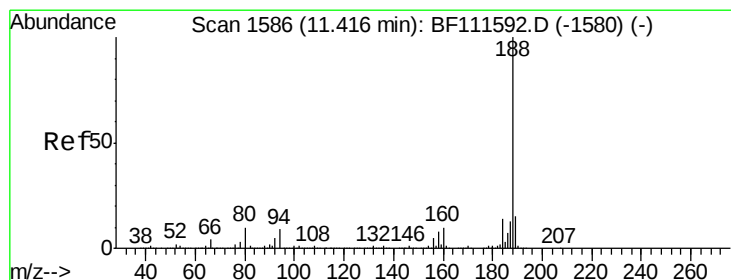
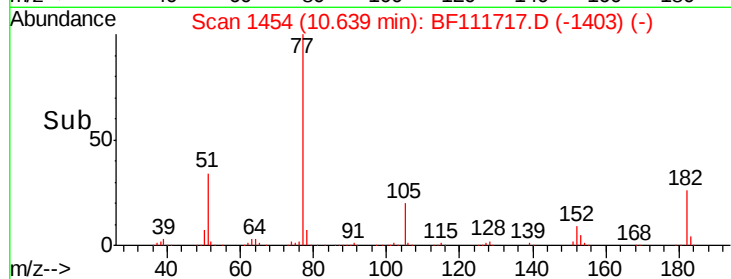
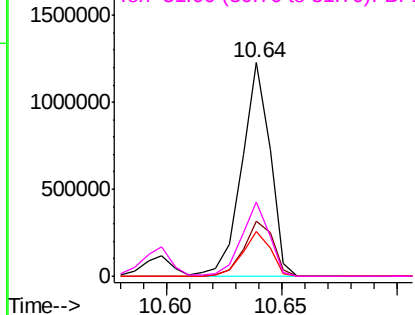
#63
Azobenzene
Concen: 40.835 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 77 Resp: 1052545
Ion Ratio Lower Upper
77 100
182 25.8 4.9 44.9
105 20.8 6.0 46.0
51 34.5 14.7 54.7

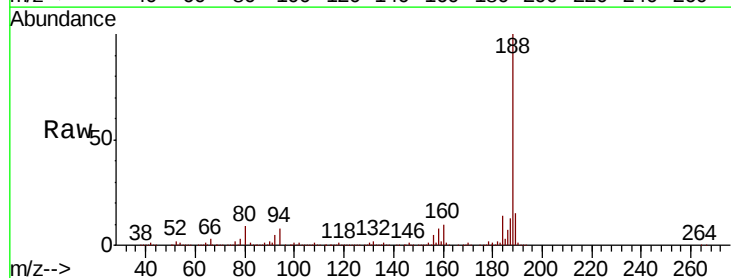


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

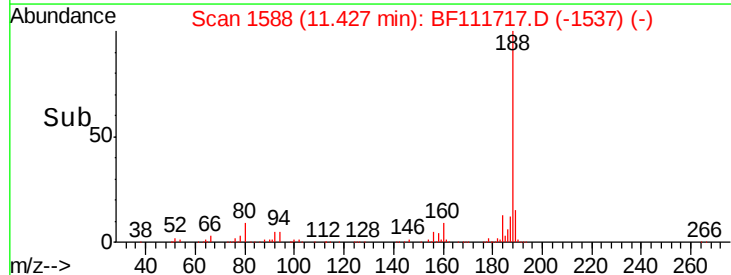
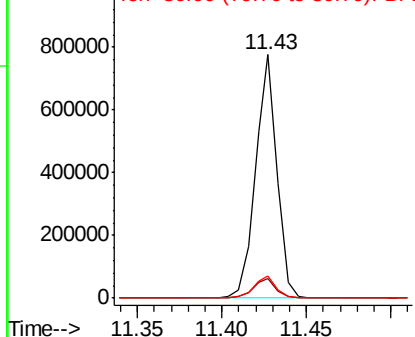


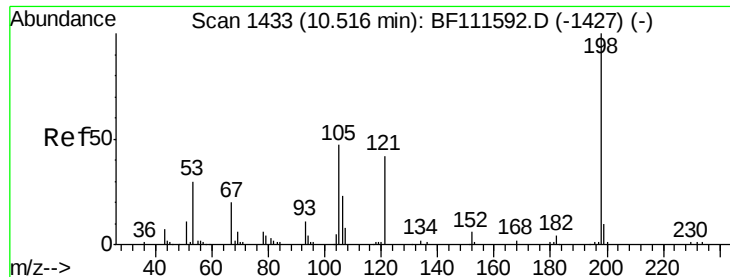
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion: 188 Resp: 681743
Ion Ratio Lower Upper
188 100
94 7.8 9.6 14.4#
80 8.9 9.8 14.6#



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: 55.327 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampled :

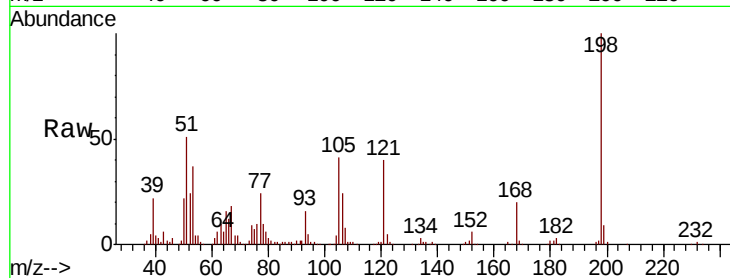
Tot Ion:198 Resp: 159233

Ion Ratio Lower Upper

198 100

51 51.2 48.0 88.0

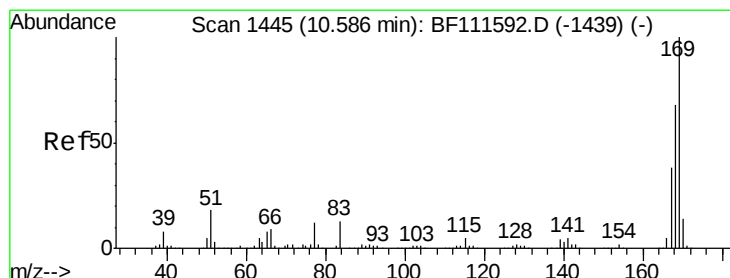
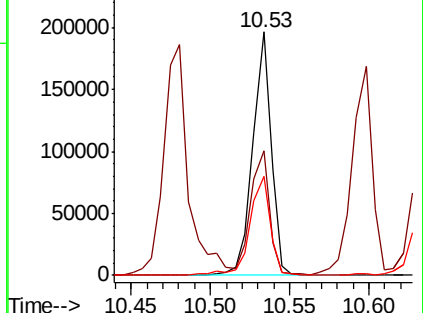
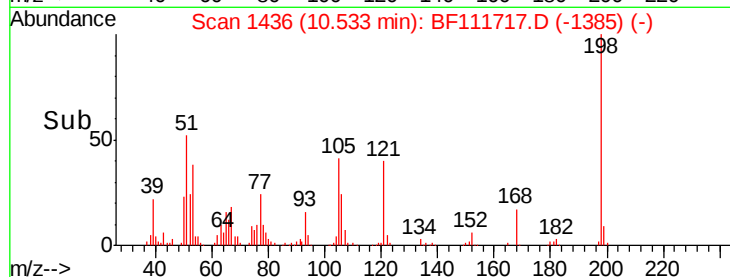
105 40.7 34.0 74.0



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: 40.905 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

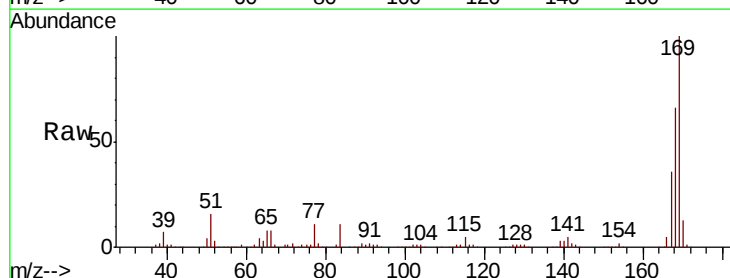
Tgt Ion:169 Resp: 936100

Ion Ratio Lower Upper

169 100

168 66.0 54.4 81.6

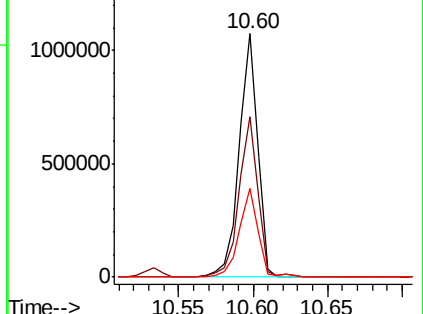
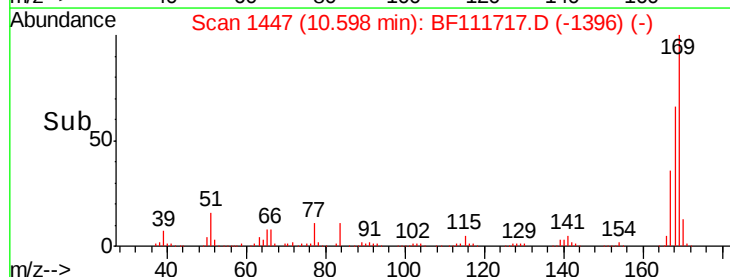
167 36.4 30.5 45.7

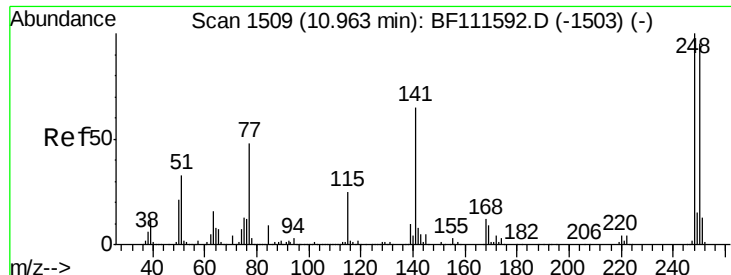


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

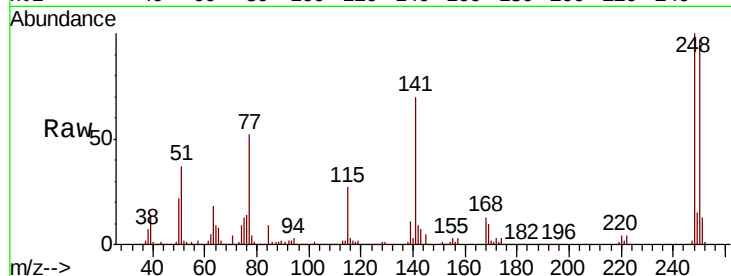




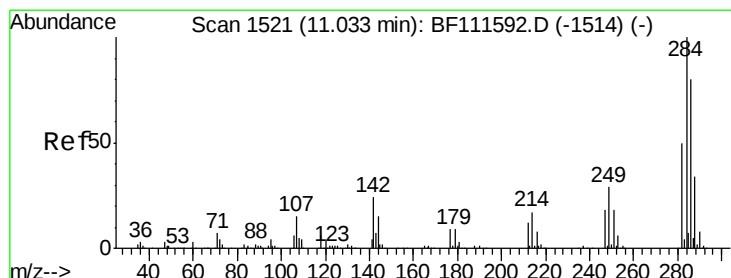
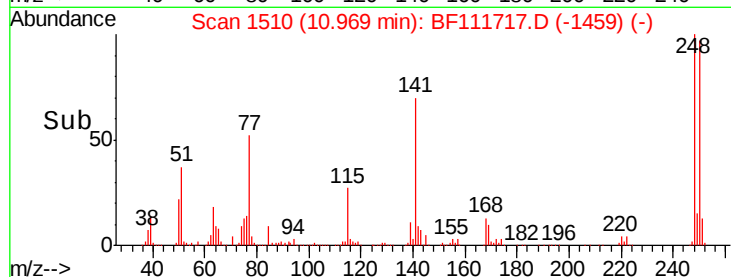
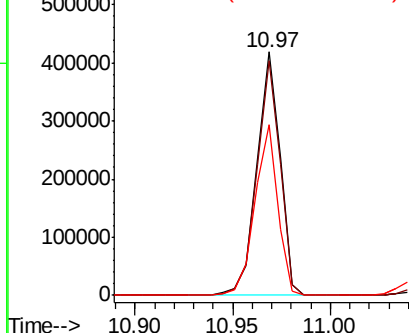
#67
4-Bromophenyl-phenylether
Concen: 40.906 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampled :

Tot Ion:248 Resp: 345893
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.4
141 70.1 63.0 94.6

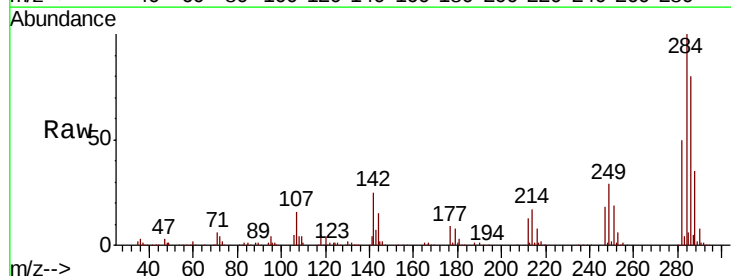


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

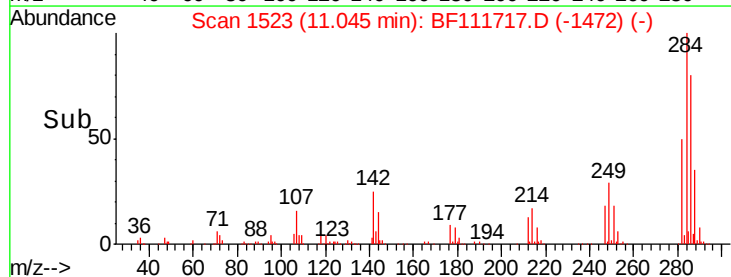
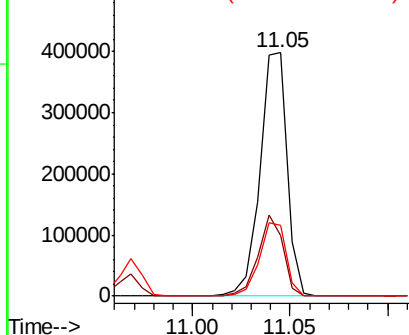


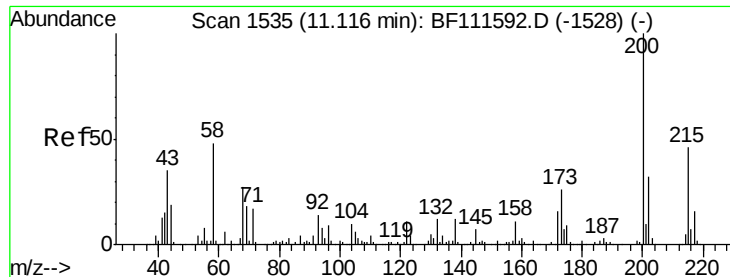
#68
Hexachlorobenzene
Concen: 40.619 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion:284 Resp: 382953
Ion Ratio Lower Upper
284 100
142 25.0 27.4 41.2#
249 29.3 24.4 36.6



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: 40.529 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampled :

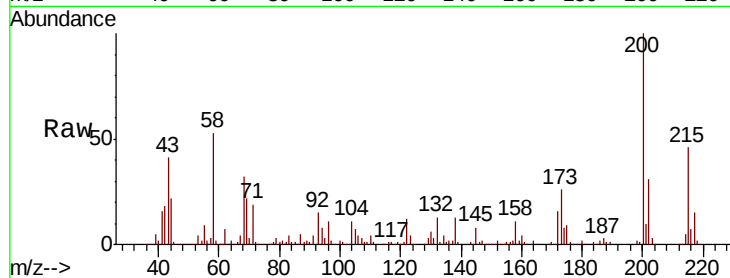
Tot Ion:200 Resp: 322216

Ion Ratio Lower Upper

200 100

173 25.9 10.1 50.1

215 45.8 26.9 66.9

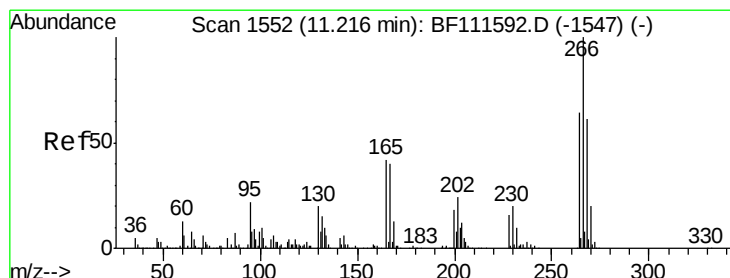
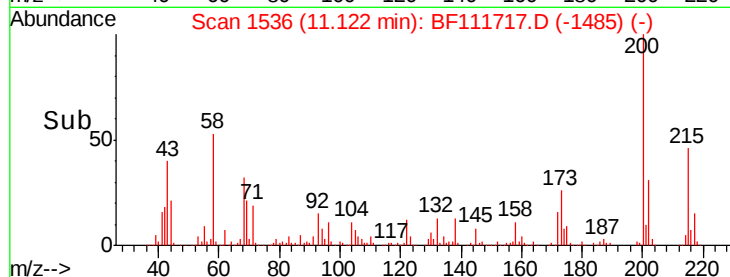
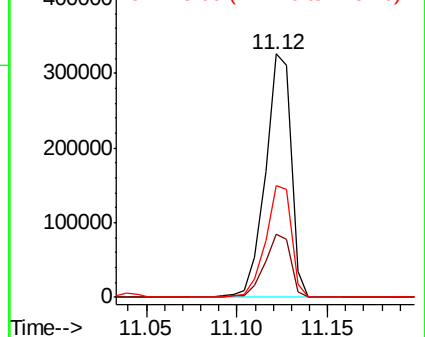


Abundance

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: 70.941 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

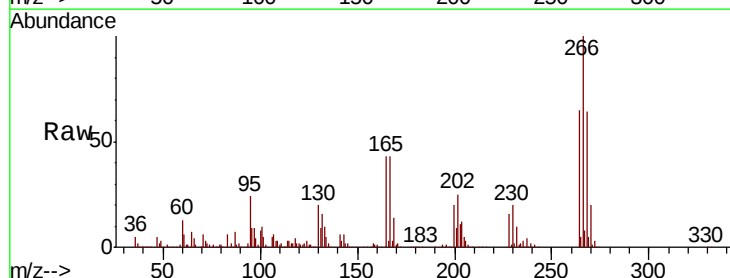
Tgt Ion:266 Resp: 413483

Ion Ratio Lower Upper

266 100

268 63.6 47.9 71.9

264 64.7 49.1 73.7

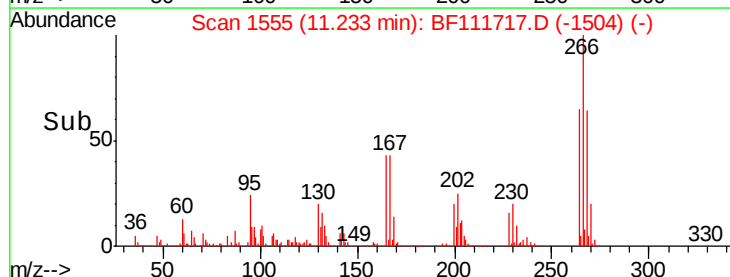
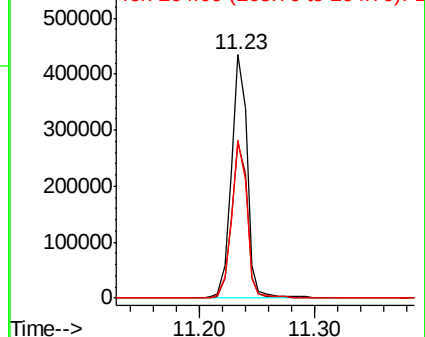


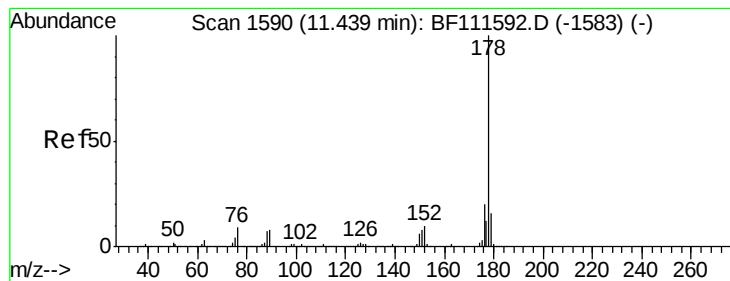
Abundance

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: 43.422 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

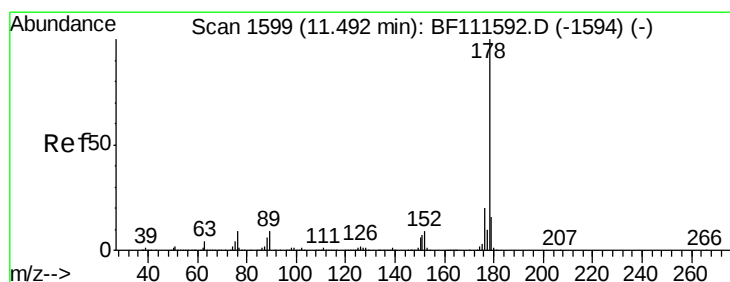
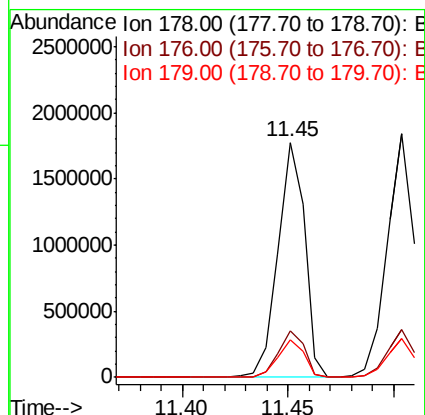
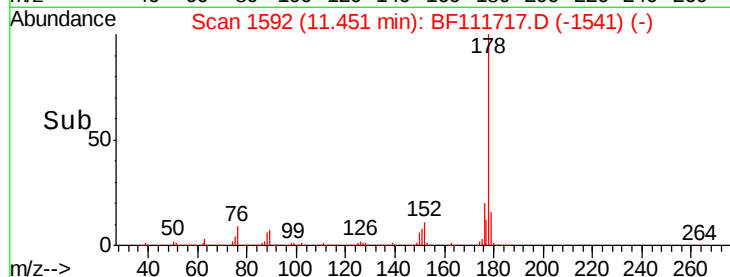
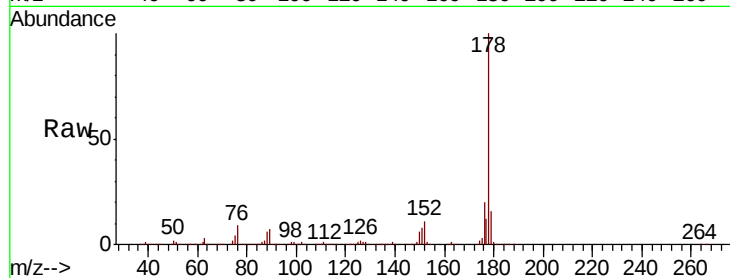
Instrument :

BNA_E

ClientSampled :

Tot Ion:178 Resp: 1569947

Ion	Ratio	Lower	Upper
178	100		
176	20.0	18.1	27.1
179	15.8	14.0	21.0



#72

Anthracene

Concen: 44.425 ng

RT: 11.50 min Scan# 1601

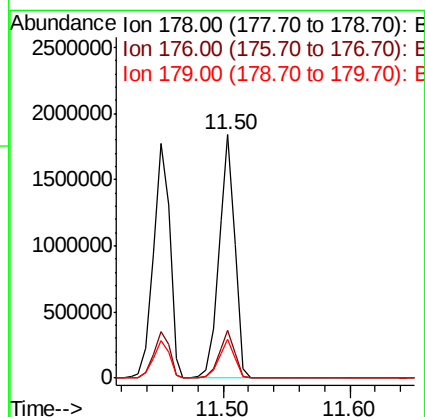
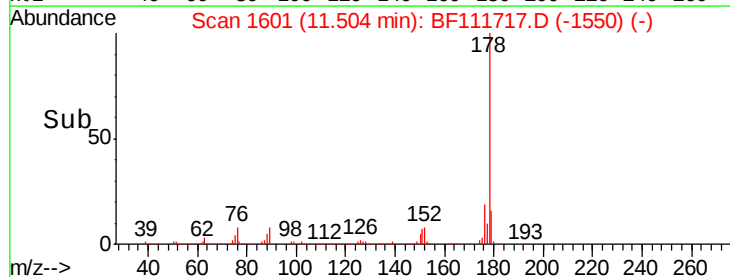
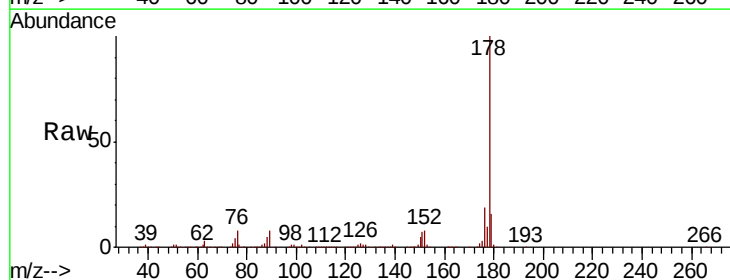
Delta R.T. -0.00 min

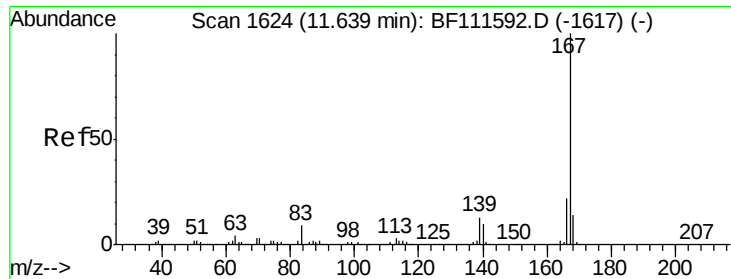
Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Tgt Ion:178 Resp: 1612201

Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.2	25.8
179	16.1	13.8	20.8



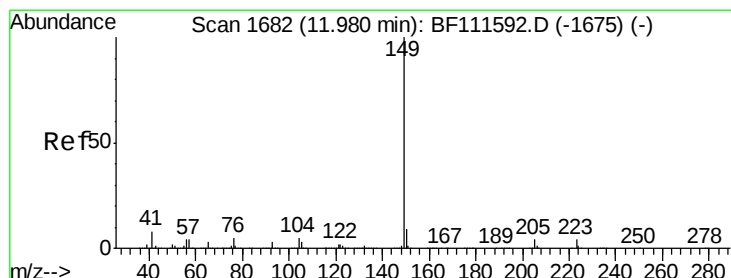
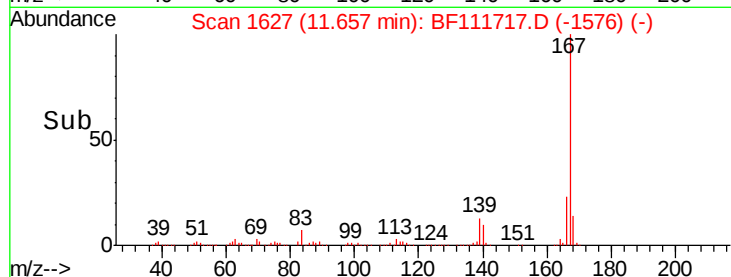
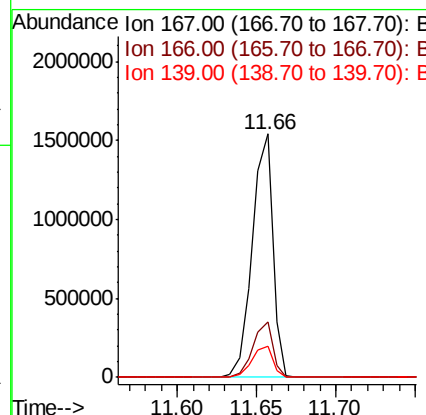
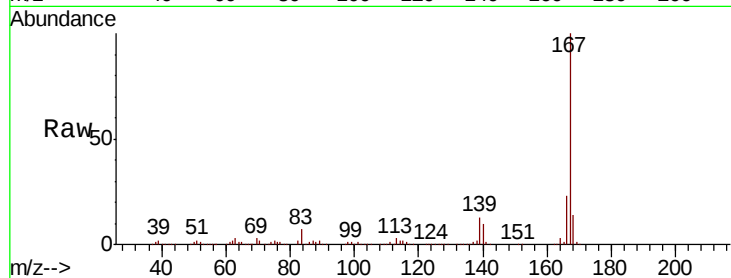


#73
 Carbazole
 Concen: 39.413 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:167 Resp: 1388649

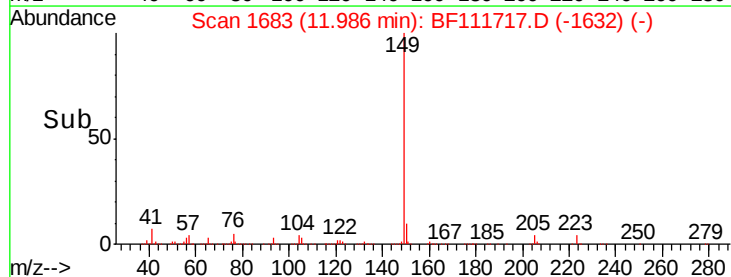
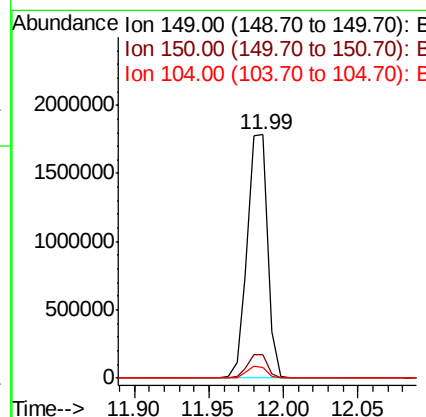
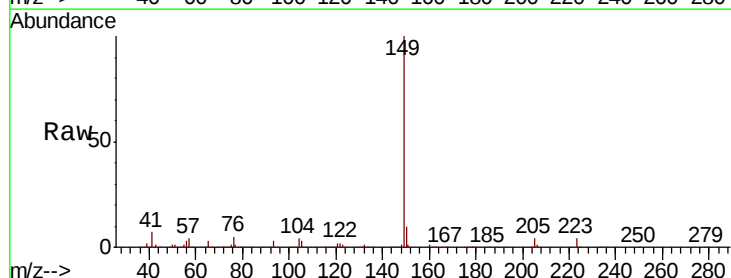
Ion	Ratio	Lower	Upper
167	100		
166	22.6	19.3	28.9
139	13.0	11.9	17.9

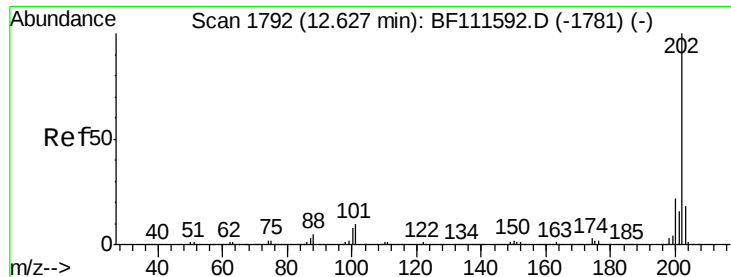


#74
 Di-n-butylphthalate
 Concen: 42.813 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Tgt Ion:149 Resp: 1691291

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.8	13.2
104	4.5	4.5	6.7

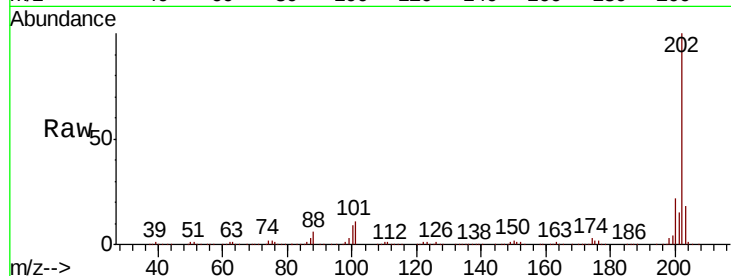




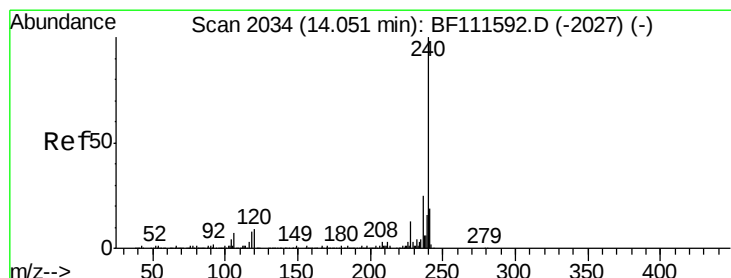
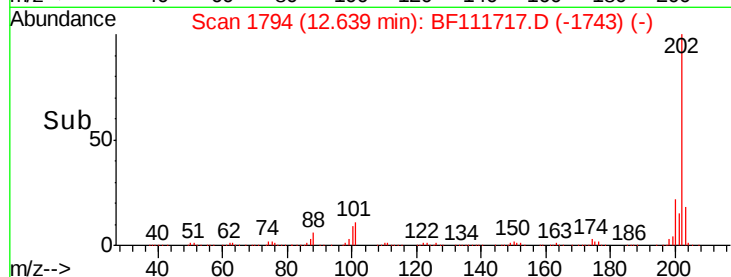
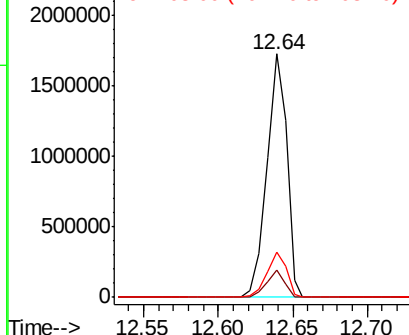
#75
Fluoranthene
Concen: 43.059 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 1576511
Ion Ratio Lower Upper
202 100
101 11.3 0.0 33.8
203 18.5 0.0 38.6

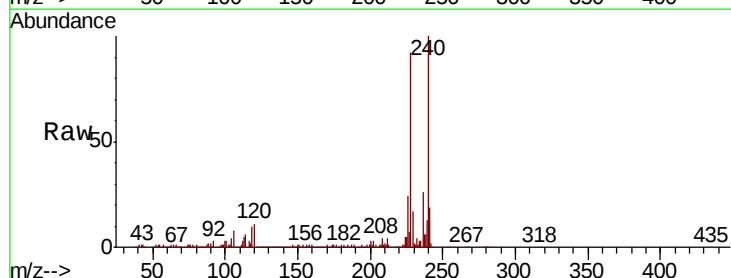


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

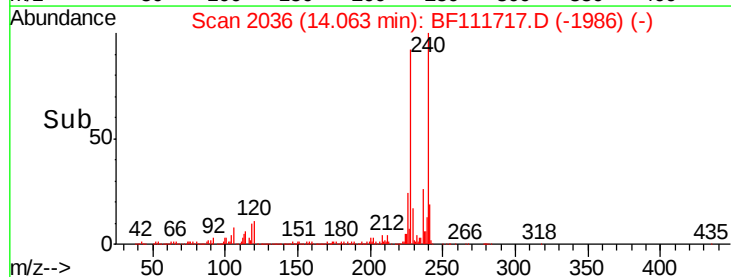
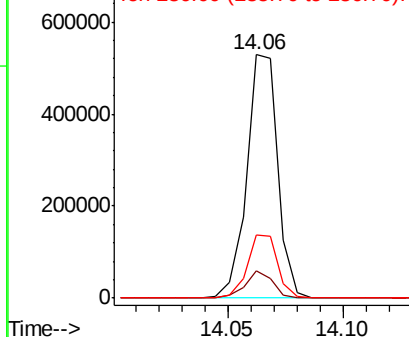


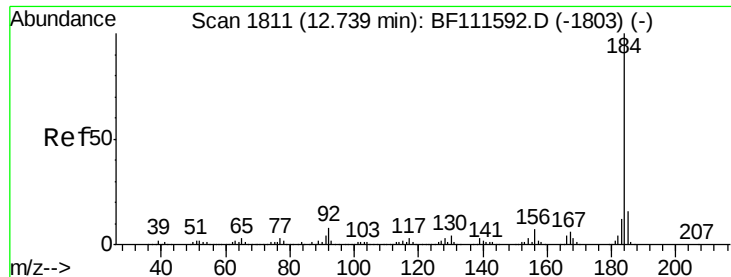
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion:240 Resp: 494302
Ion Ratio Lower Upper
240 100
120 11.1 12.2 18.2#
236 25.9 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.932 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampleId :

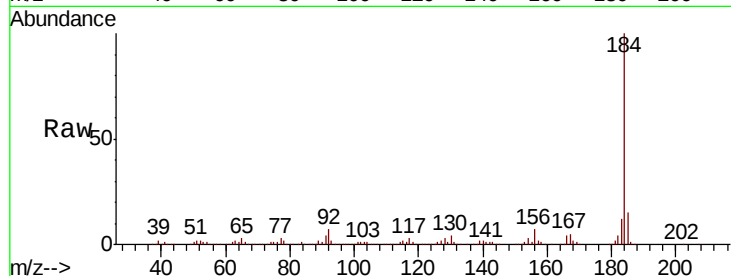
Tot Ion:184 Resp: 668344

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

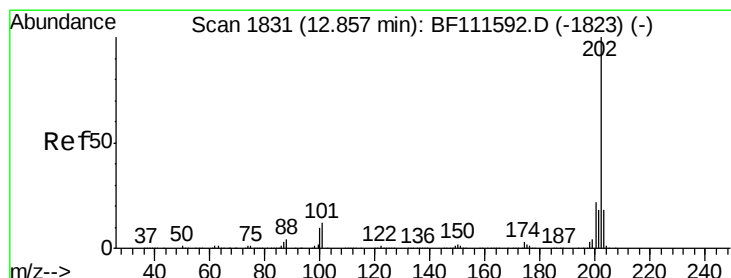
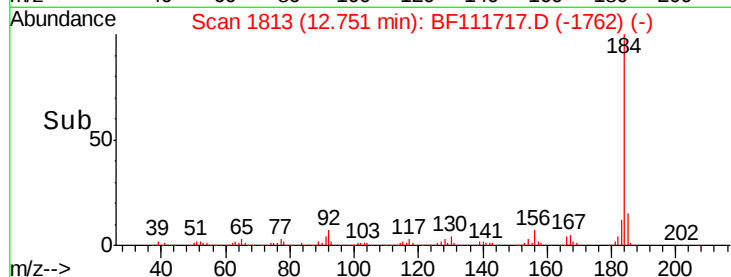
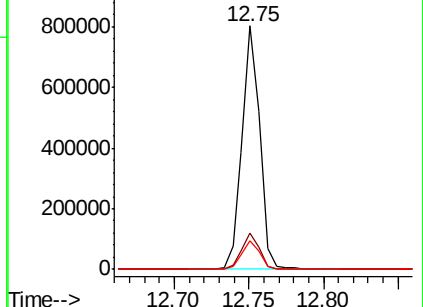
183 11.9 9.3 13.9



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: 45.390 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

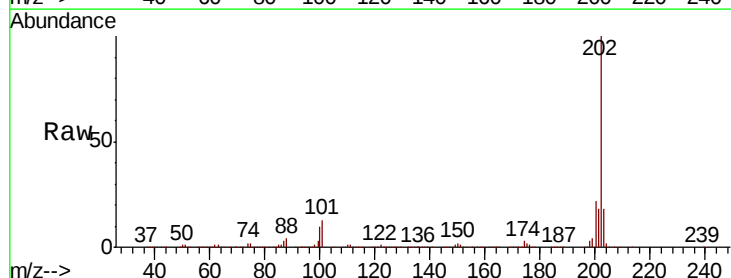
Tgt Ion:202 Resp: 1584414

Ion Ratio Lower Upper

202 100

200 22.1 19.0 28.4

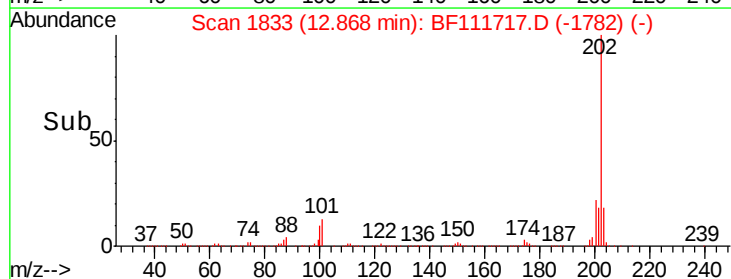
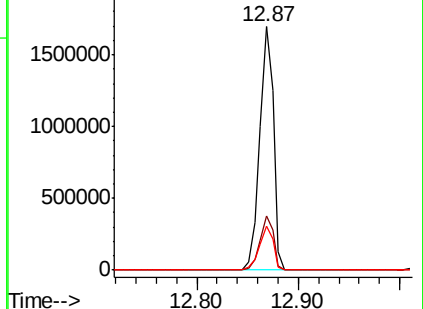
203 17.8 15.2 22.8

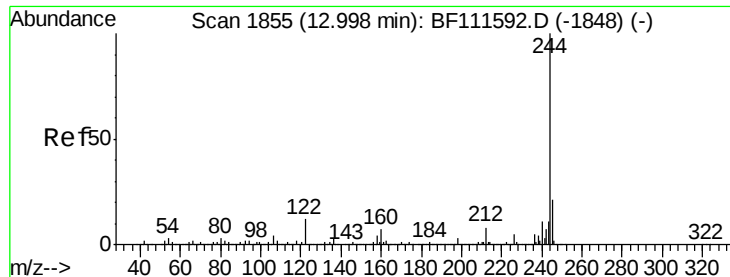


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.877 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_E

ClientSampled :

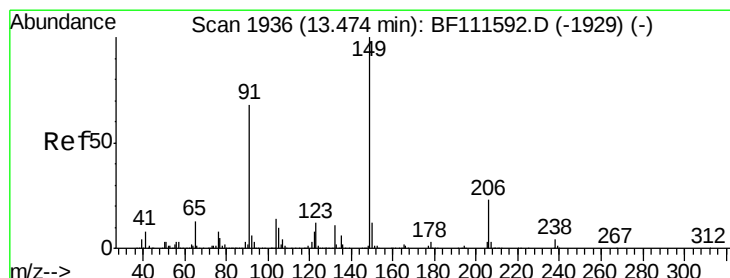
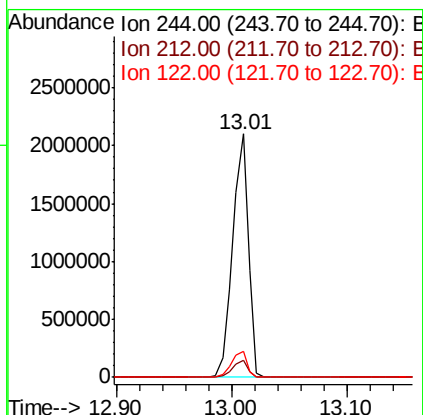
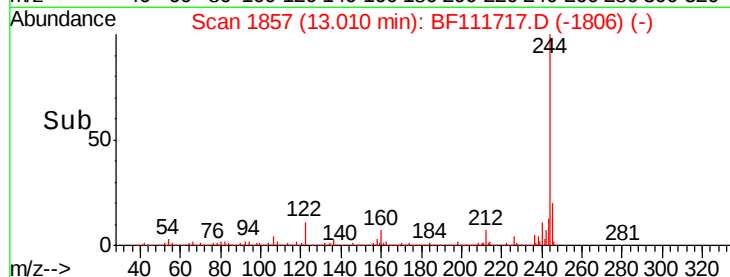
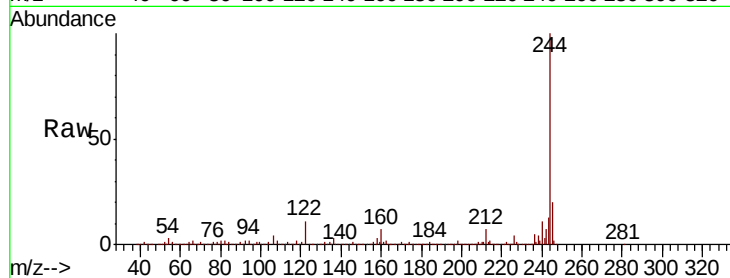
Tot Ion:244 Resp: 1977730

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 10.7 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 46.127 ng

RT: 13.48 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

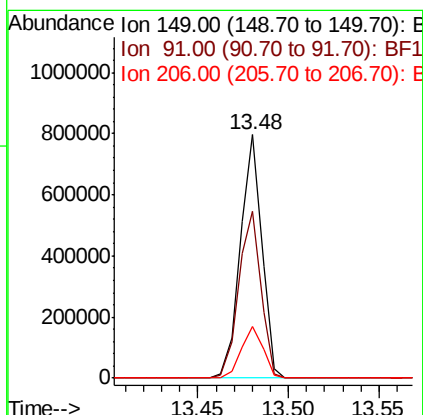
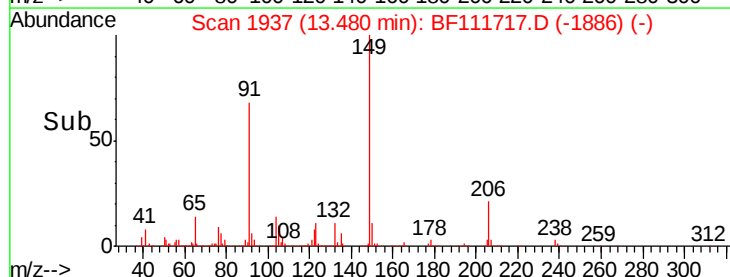
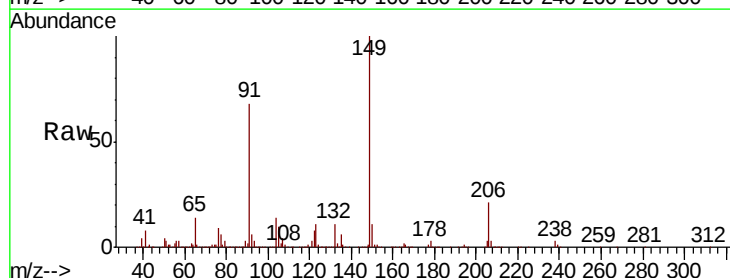
Tgt Ion:149 Resp: 656322

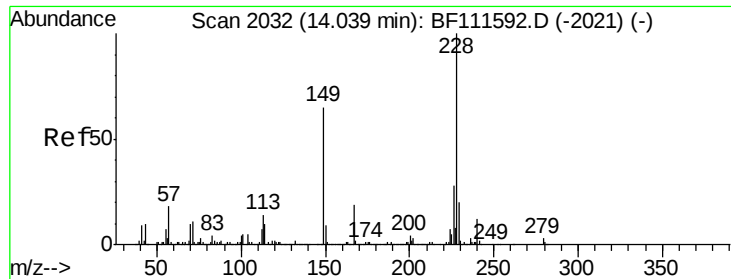
Ion Ratio Lower Upper

149 100

91 68.4 63.8 95.6

206 21.3 15.1 22.7

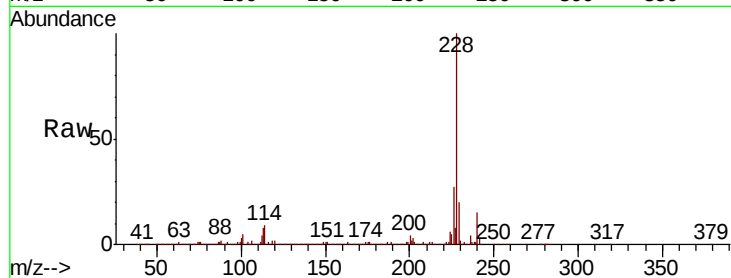




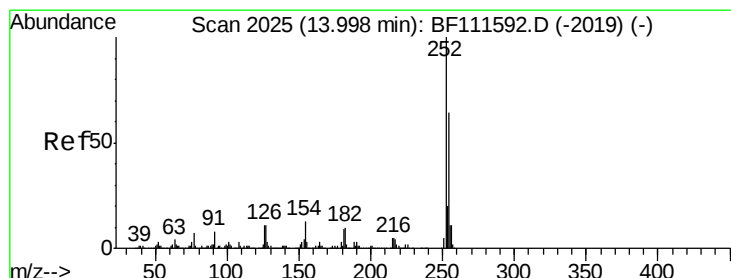
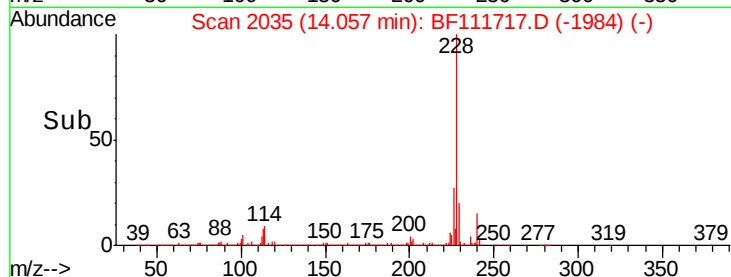
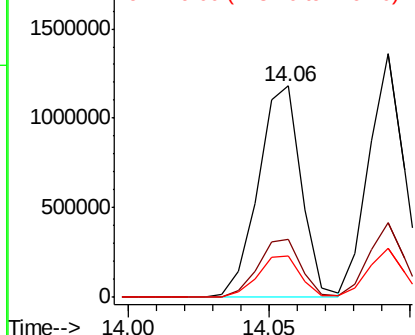
#81
Benzo(a)anthracene
Concen: 44.241 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 1248012
Ion Ratio Lower Upper
228 100
226 27.2 22.6 34.0
229 19.6 16.3 24.5

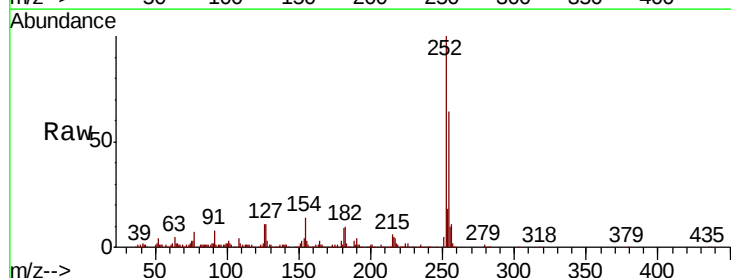


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

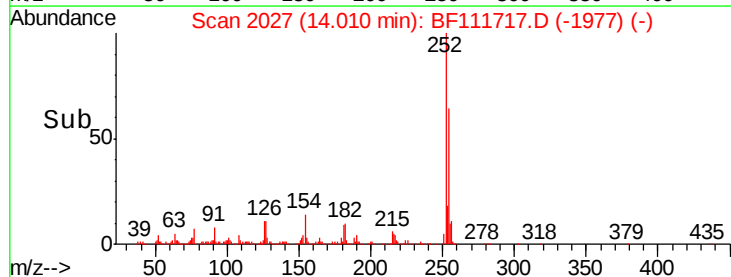
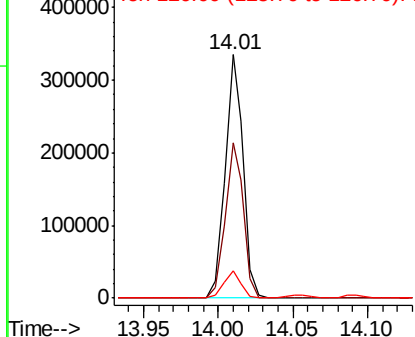


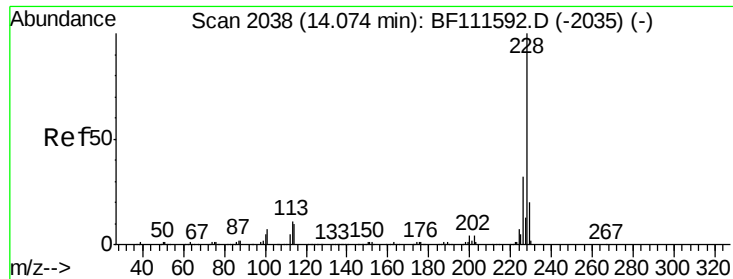
#82
3,3'-Dichlorobenzidine
Concen: 25.687 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion:252 Resp: 286298
Ion Ratio Lower Upper
252 100
254 64.0 52.7 79.1
126 11.4 11.1 16.7



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

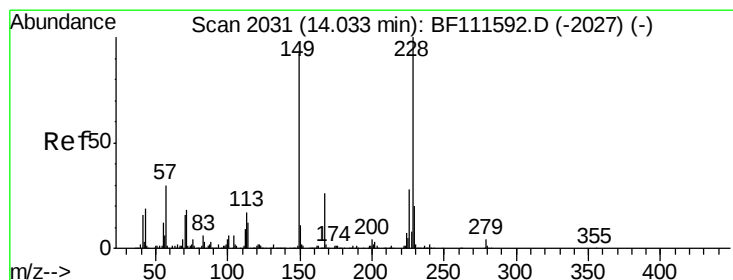
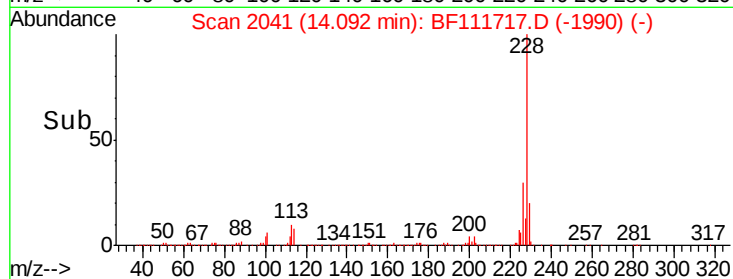
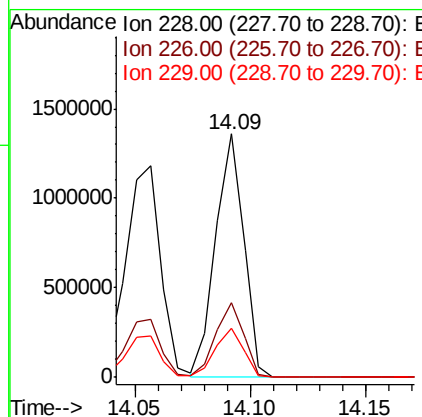
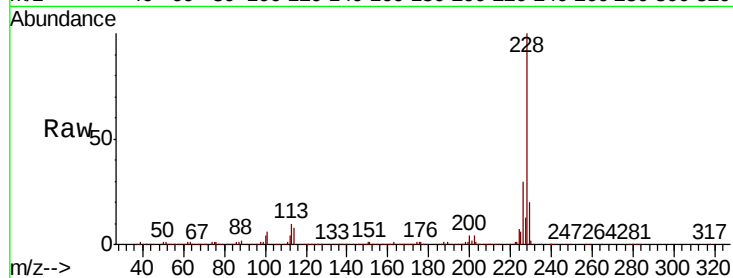




#83
 Chrysene
 Concen: 41.515 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

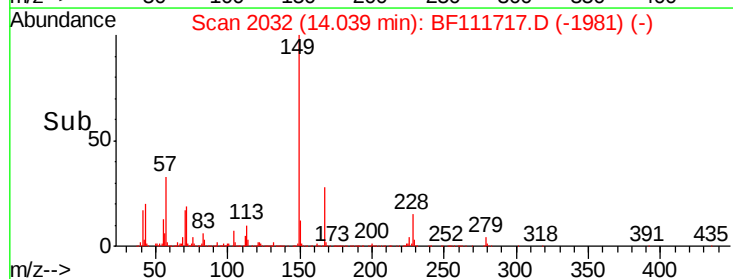
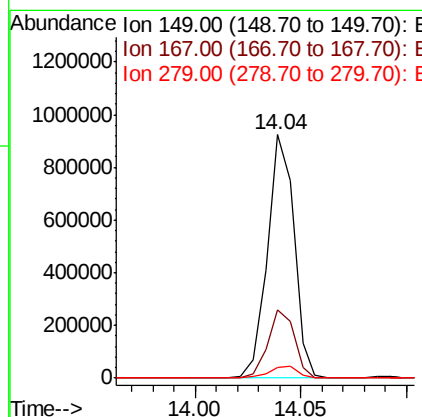
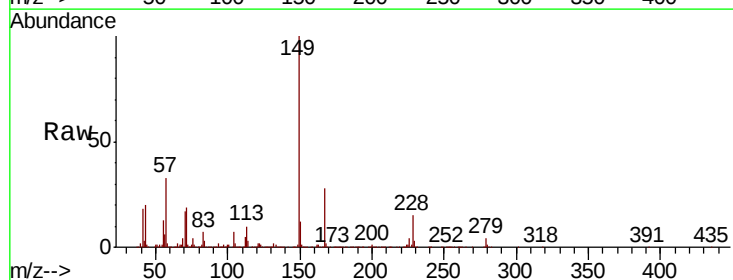
Instrument :
 BNA_E
 ClientSampleId :

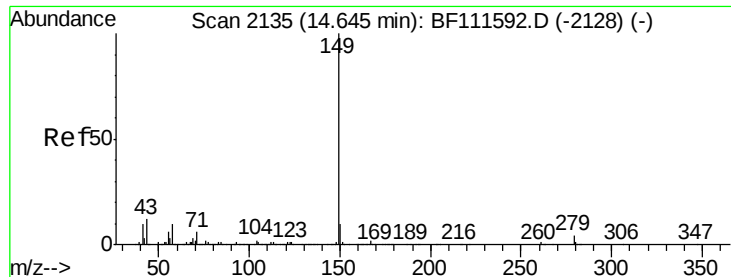
Tot Ion:228 Resp: 1151042
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.3 37.9
 229 20.0 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.471 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Tgt Ion:149 Resp: 814971
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.5 33.7
 279 4.2 2.6 4.0#

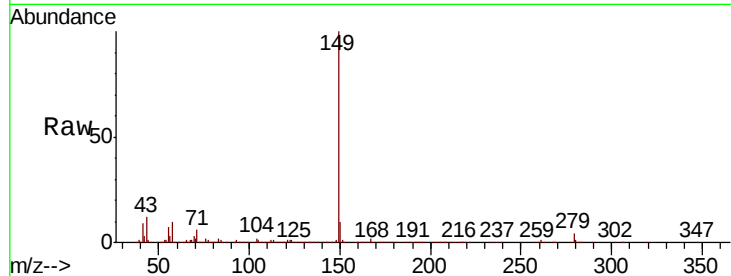




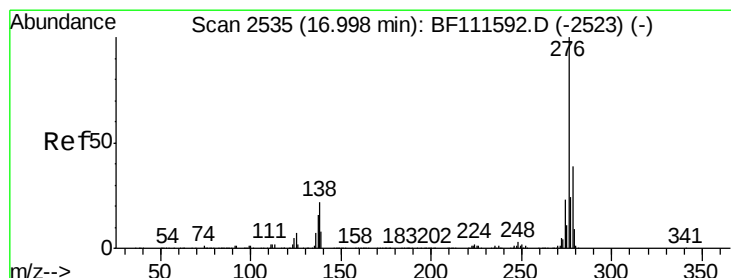
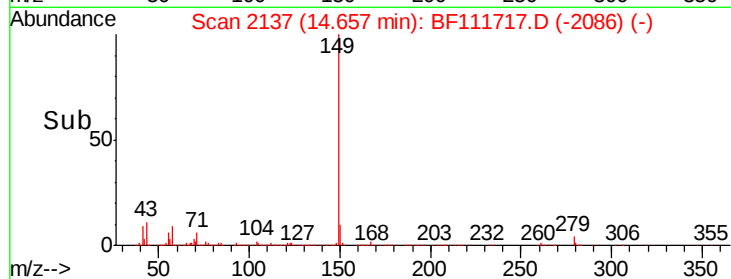
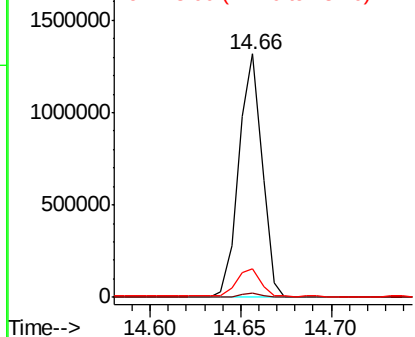
#85
Di-n-octyl phthalate
Concen: 42.247 ng
RT: 14.66 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:149 Resp: 1173145
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 10.9 16.3

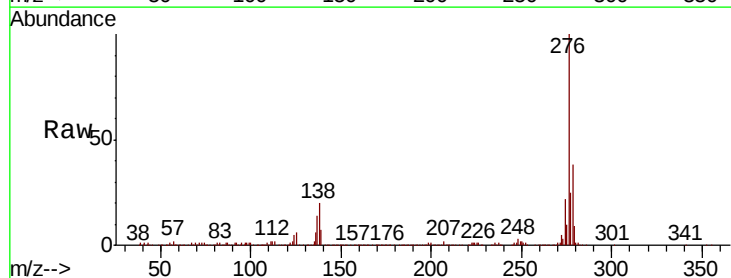


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

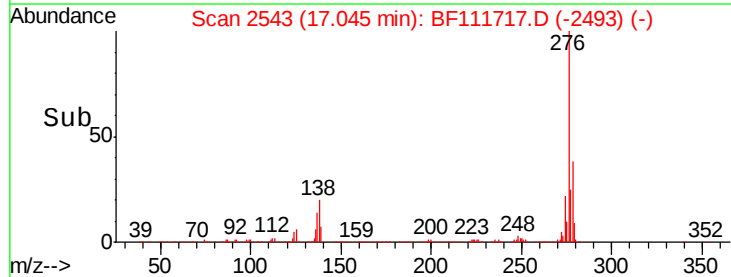
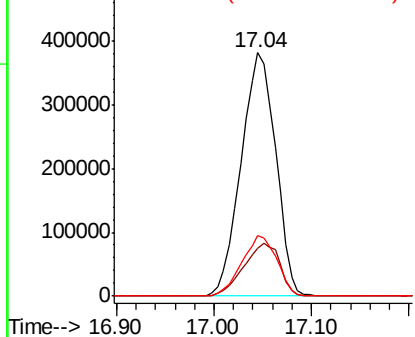


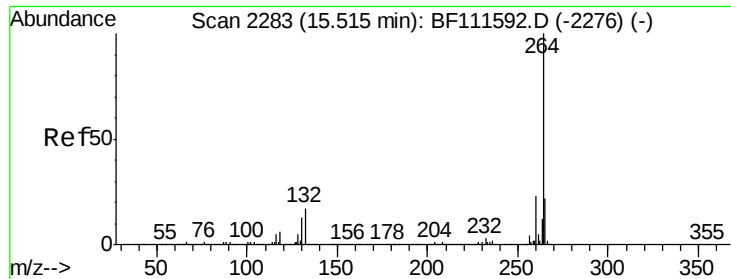
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.110 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion:276 Resp: 945386
Ion Ratio Lower Upper
276 100
138 22.8 27.8 41.6#
277 25.2 20.1 30.1



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

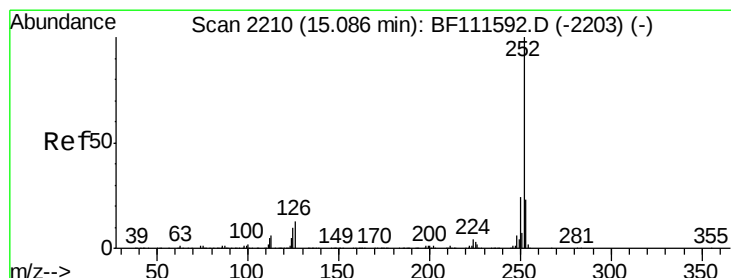
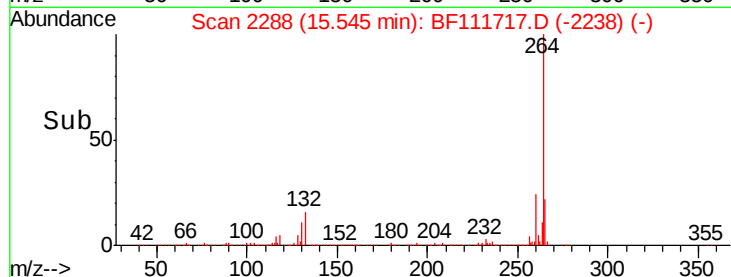
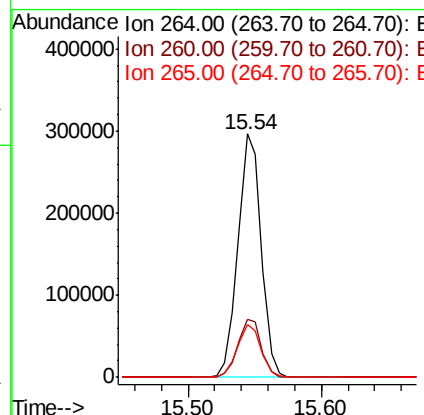
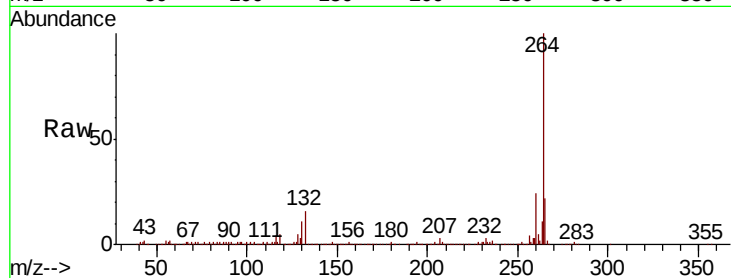




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

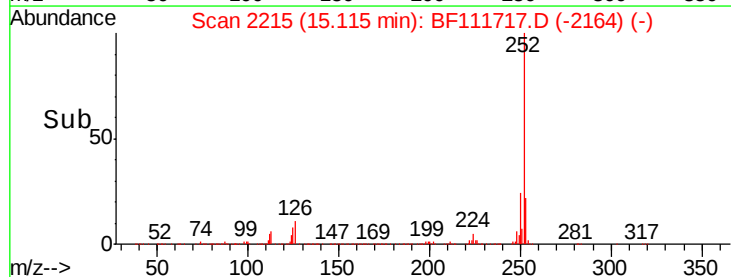
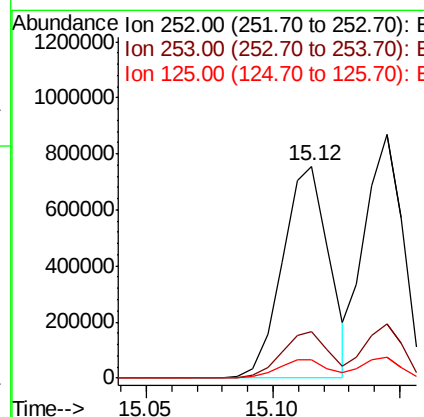
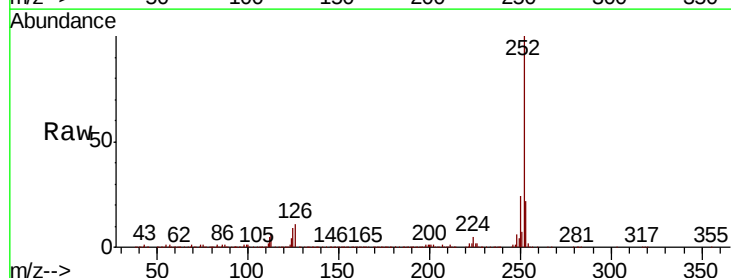
Instrument :
BNA_E
ClientSampleId :

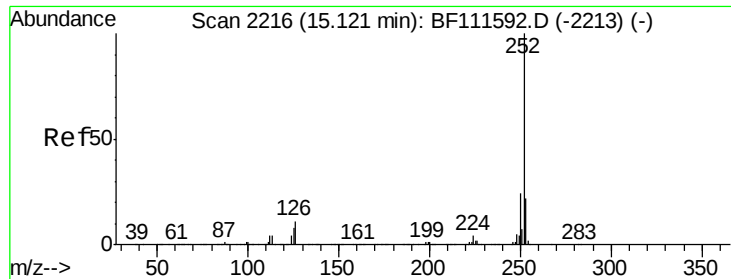
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	21.9	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 45.685 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	8.5	10.4	15.6

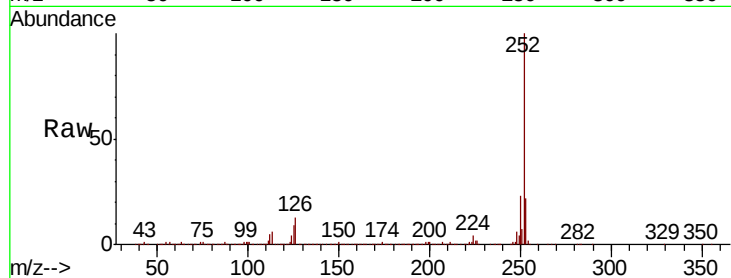




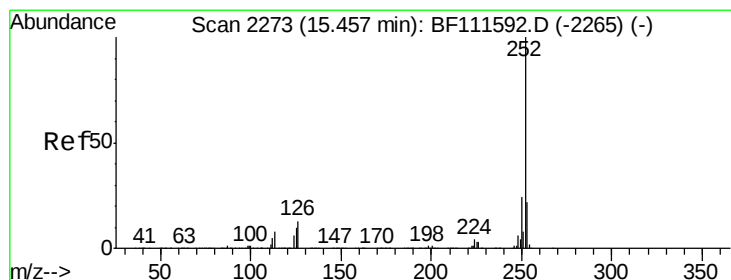
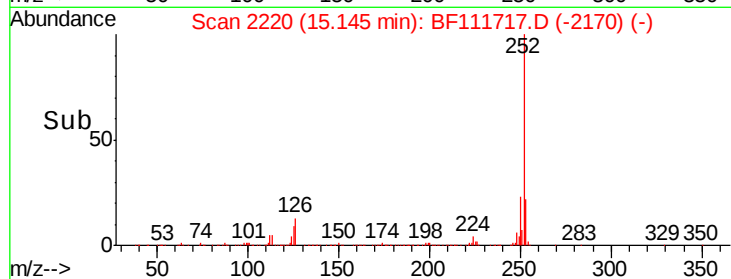
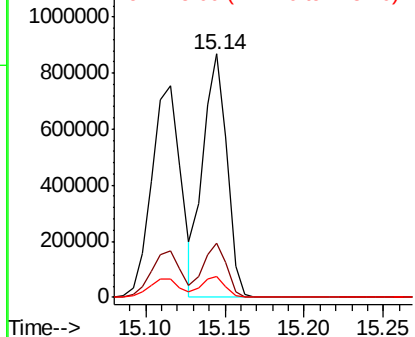
#89
Benzo(k)fluoranthene
Concen: 45.386 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 913743
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 8.8 9.8 14.8#

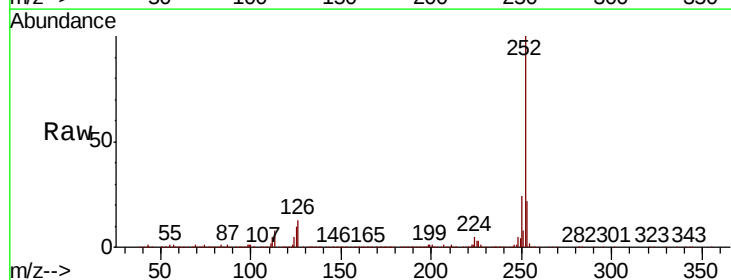


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

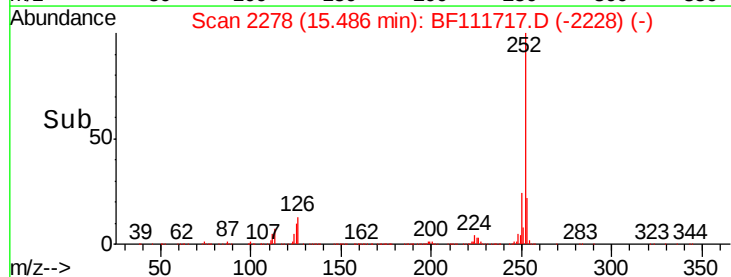
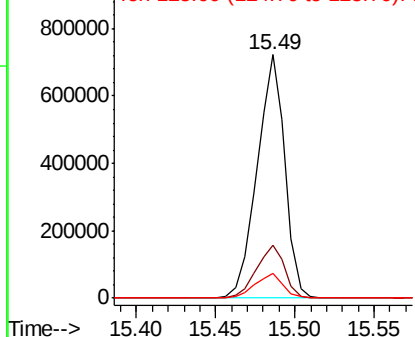


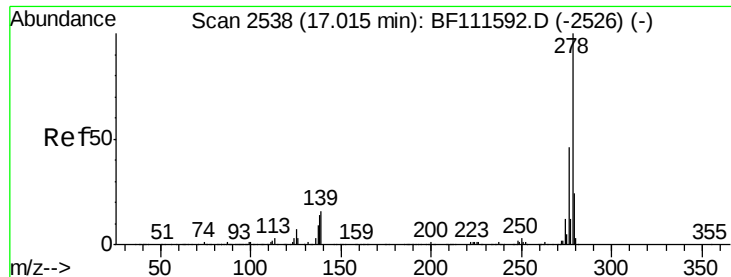
#90
Benzo(a)pyrene
Concen: 45.603 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion:252 Resp: 876139
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.0 12.3 18.5#



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

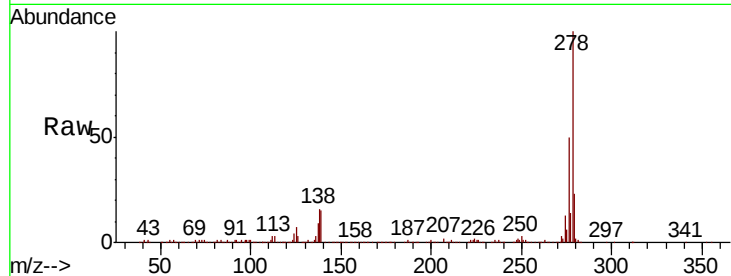




#91
Dibenzo(a,h)anthracene
Concen: 47.202 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	18.2	27.4#
279	23.4	19.0	28.6

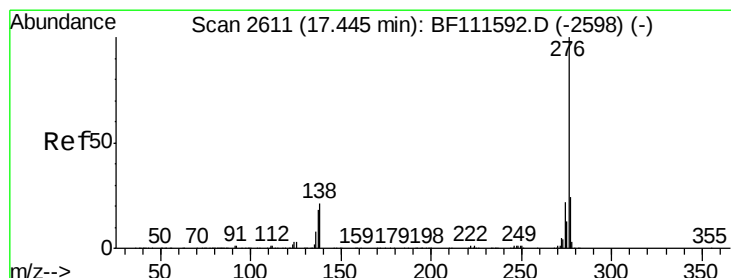
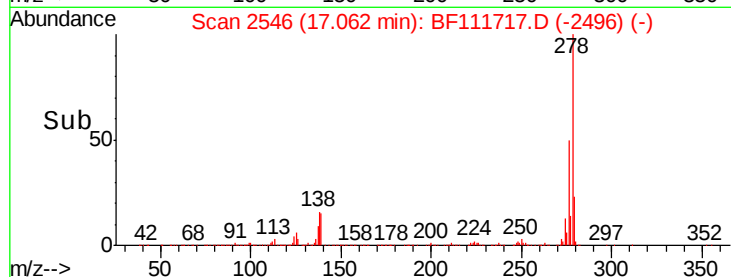
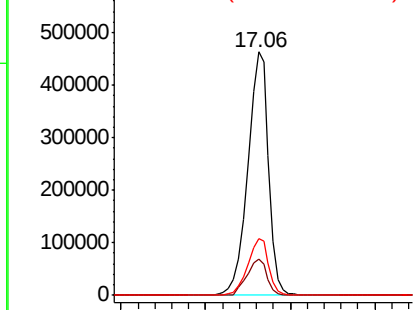


Abundance

Ion 278.00 (277.70 to 278.70): E

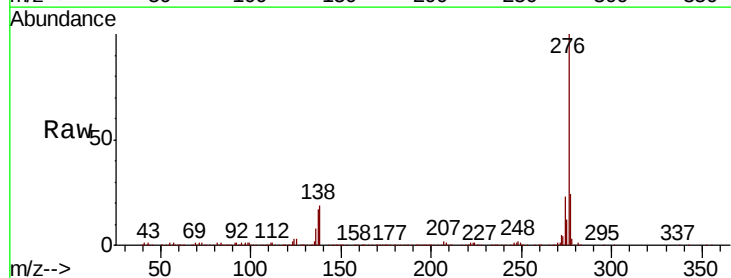
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.539 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	18.9	24.9	37.3#



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

