

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111718.D
 Acq On : 26 Dec 2018 17:21
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 27 02:14:07 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 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	195637	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	719466	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	372363	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	706202	20.00	ng	0.01
76) Chrysene-d12	14.06	240	497011	20.00	ng	0.01
87) Perylene-d12	15.54	264	379497	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	838400	73.05	ng	0.01
7) Phenol-d6	6.54	99	1070146	73.26	ng	0.02
23) Nitrobenzene-d5	7.46	82	1026810	83.07	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	369400	83.96	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1958402	76.66	ng	0.00
79) Terphenyl-d14	13.01	244	2131819	81.34	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	179834	33.302	ng	96
3) Pyridine	3.47	79	481688	34.239	ng	99
4) n-Nitrosodimethylamine	3.42	42	245068	35.594	ng	82
6) Aniline	6.56	93	666414	35.792	ng	98
8) 2-Chlorophenol	6.69	128	478700	37.651	ng	97
9) Benzaldehyde	6.45	77	348954	34.736	ng	99
10) Phenol	6.55	94	594378	36.065	ng	84
11) bis(2-Chloroethyl)ether	6.63	93	455387	36.873	ng	96
12) 1,3-Dichlorobenzene	6.85	146	558195	37.884	ng	99
13) 1,4-Dichlorobenzene	6.92	146	559396	37.435	ng	99
14) 1,2-Dichlorobenzene	7.07	146	533482	38.265	ng	98
15) Benzyl Alcohol	7.04	79	442462	38.141	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	782839	34.417	ng	98
17) 2-Methylphenol	7.16	107	381569	37.480	ng	96
18) Hexachloroethane	7.42	117	201131	39.942	ng	92
19) n-Nitroso-di-n-propylamine	7.32	70	352914	36.381	ng	99
20) 3+4-Methylphenols	7.31	107	474432	36.881	ng	# 90
22) Acetophenone	7.31	105	673616	36.957	ng	# 97
24) Nitrobenzene	7.48	77	519461	40.098	ng	99
25) Isophorone	7.72	82	820490	37.392	ng	98
26) 2-Nitrophenol	7.80	139	260165	49.517	ng	93
27) 2,4-Dimethylphenol	7.84	122	378815	36.575	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	551709	37.783	ng	99
29) 2,4-Dichlorophenol	8.05	162	434624	39.015	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	475413	38.297	ng	97
31) Naphthalene	8.21	128	1313817	38.005	ng	96
32) Benzoic acid	7.95	122	240947	35.185	ng	94
33) 4-Chloroaniline	8.25	127	569284	38.101	ng	99
34) Hexachlorobutadiene	8.33	225	302797	40.021	ng	98
35) Caprolactam	8.62	113	139013	36.826	ng	93
36) 4-Chloro-3-methylphenol	8.73	107	423740	38.696	ng	99
37) 2-Methylnaphthalene	8.90	142	867733	38.581	ng	99
38) 1-Methylnaphthalene	9.00	142	841790	38.971	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	474015	38.740	ng	# 97

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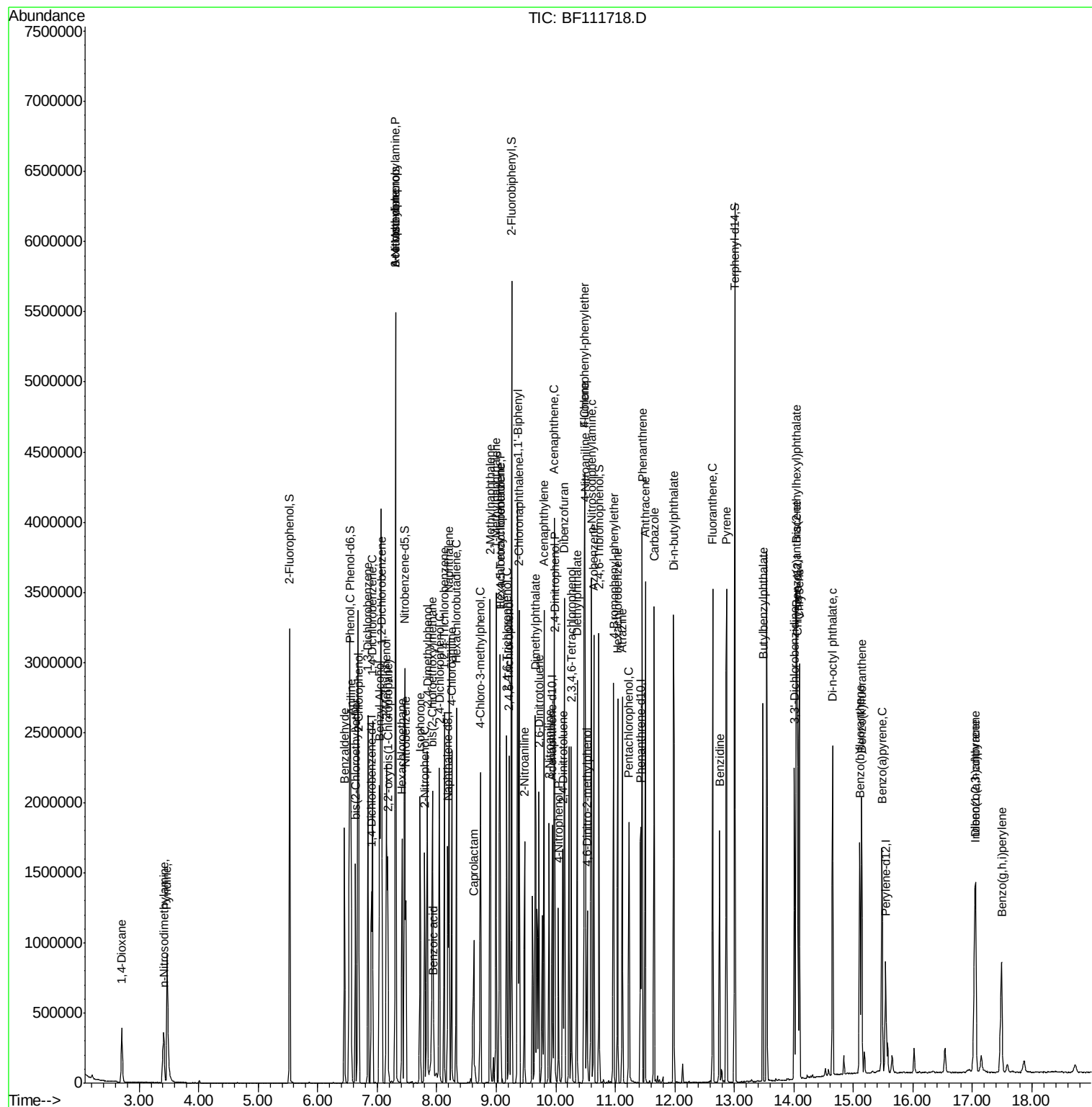
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	277454	46.728	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	319971	39.168	ng	100
44) 2,4,5-Trichlorophenol	9.22	196	329355	39.299	ng	95
46) 1,1'-Biphenyl	9.36	154	1200611	38.196	ng	95
47) 2-Chloronaphthalene	9.39	162	941141	37.791	ng	95
48) 2-Nitroaniline	9.47	65	283480	43.755	ng	99
49) Acenaphthylene	9.80	152	1394512	38.351	ng	95
50) Dimethylphthalate	9.66	163	1062920	39.035	ng	98
51) 2,6-Dinitrotoluene	9.72	165	239220	44.058	ng	88
52) Acenaphthene	9.97	154	884644	39.447	ng	98
53) 3-Nitroaniline	9.89	138	256569	44.308	ng	98
54) 2,4-Dinitrophenol	9.99	184	101077	60.016	ng	# 71
55) Dibenzofuran	10.15	168	1308371	38.616	ng	96
56) 4-Nitrophenol	10.05	139	195011	44.129	ng	90
57) 2,4-Dinitrotoluene	10.12	165	314409	48.180	ng	# 94
58) Fluorene	10.49	166	945725	38.736	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	279993	39.699	ng	90
60) Diethylphthalate	10.36	149	1037353	38.837	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	528762	39.200	ng	91
62) 4-Nitroaniline	10.50	138	250428	44.496	ng	86
63) Azobenzene	10.64	77	1018722	37.990	ng	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	158760	53.503	ng	# 72
66) n-Nitrosodiphenylamine	10.60	169	908034	38.304	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	339576	38.768	ng	93
68) Hexachlorobenzene	11.04	284	381200	39.032	ng	98
69) Atrazine	11.12	200	318416	38.664	ng	95
70) Pentachlorophenol	11.23	266	236727	39.208	ng	97
71) Phenanthrene	11.45	178	1412292	37.709	ng	95
72) Anthracene	11.50	178	1415604	37.656	ng	96
73) Carbazole	11.65	167	1370664	37.555	ng	95
74) Di-n-butylphthalate	11.98	149	1578090	38.564	ng	97
75) Fluoranthene	12.64	202	1412143	37.234	ng	95
77) Benzidine	12.75	184	618059	33.047	ng	99
78) Pyrene	12.87	202	1414545	40.303	ng	97
80) Butylbenzylphthalate	13.48	149	597487	41.763	ng	88
81) Benzo(a)anthracene	14.05	228	1085917	38.285	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	423772	37.813	ng	# 97
83) Chrysene	14.09	228	1051399	37.715	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	760211	42.185	ng	# 99
85) Di-n-octyl phthalate	14.65	149	1045171	37.433	ng	95
86) Indeno(1,2,3-cd)pyrene	17.04	276	826804	34.888	ng	# 87
88) Benzo(b)fluoranthene	15.11	252	833233	37.568	ng	# 94
89) Benzo(k)fluoranthene	15.14	252	823136	38.983	ng	# 95
90) Benzo(a)pyrene	15.48	252	754096	37.424	ng	# 95
91) Dibenzo(a,h)anthracene	17.06	278	686806	38.924	ng	# 91
92) Benzo(g,h,i)perylene	17.49	276	689245	40.003	ng	# 86

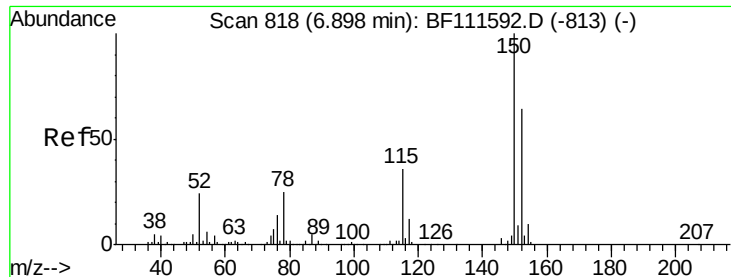
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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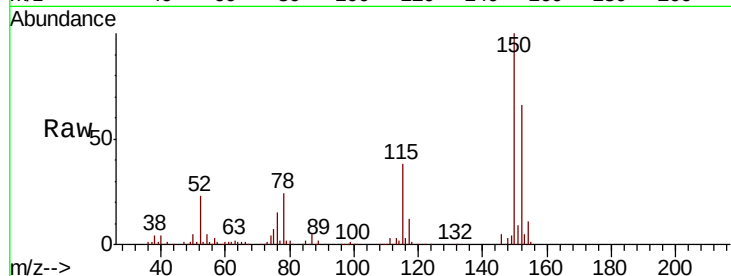


#1

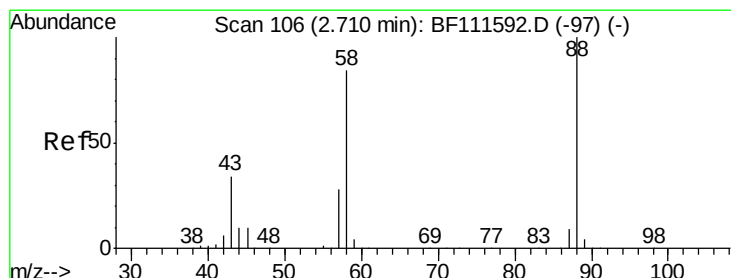
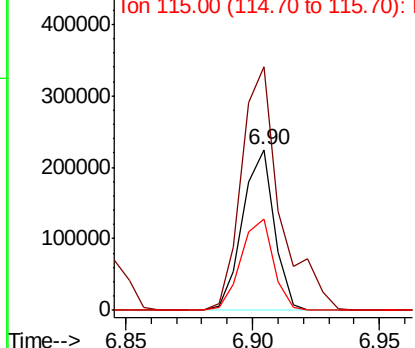
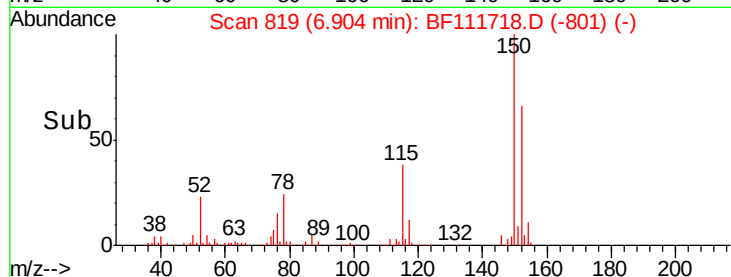
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 195637
Ion Ratio Lower Upper
152 100
150 151.6 126.6 189.8
115 56.9 50.7 76.1



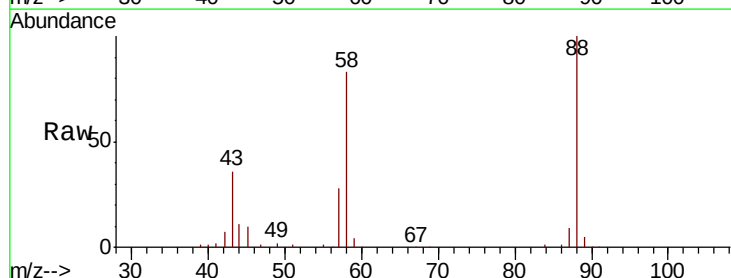
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



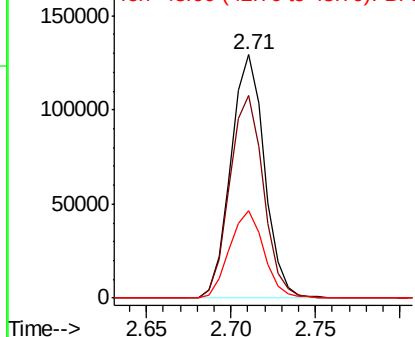
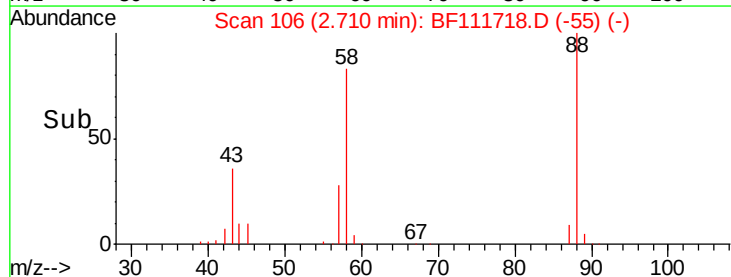
#2

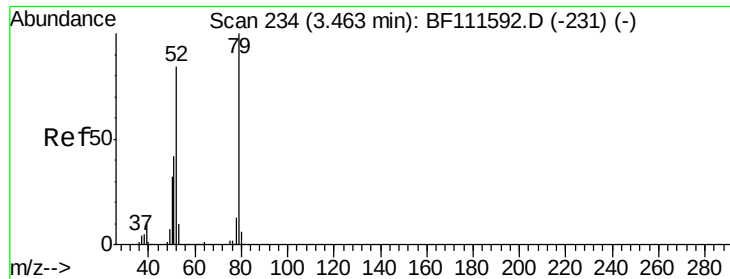
1,4-Dioxane
Concen: 33.302 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.00 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion: 88 Resp: 179834
Ion Ratio Lower Upper
88 100
58 83.6 68.9 103.3
43 37.3 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: 34.239 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

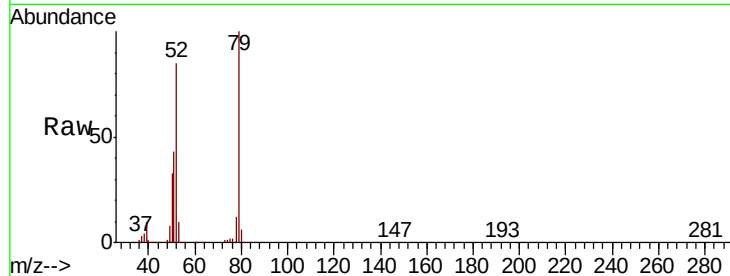
Tot Ion: 79 Resp: 481688

Ion Ratio Lower Upper

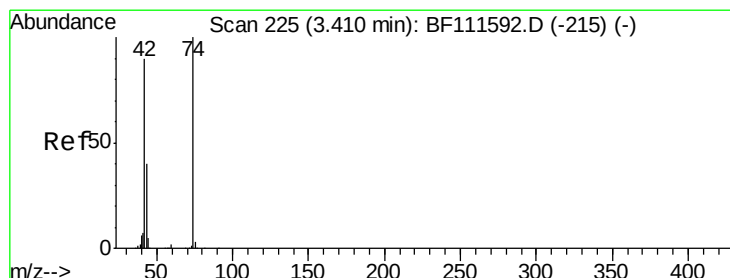
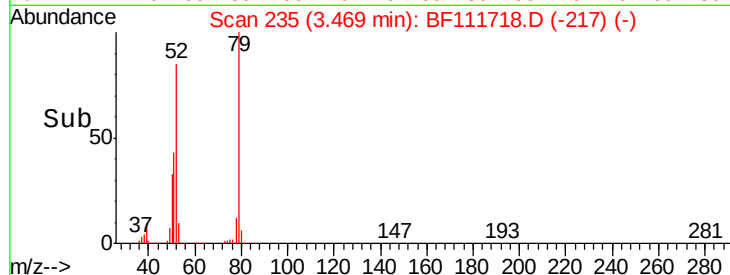
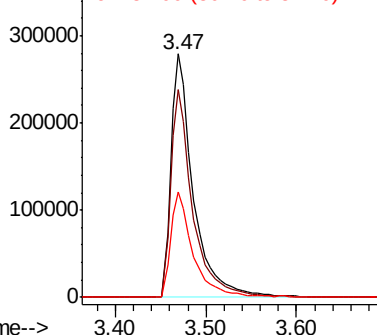
79 100

52 85.3 68.3 102.5

51 43.4 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: 35.594 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

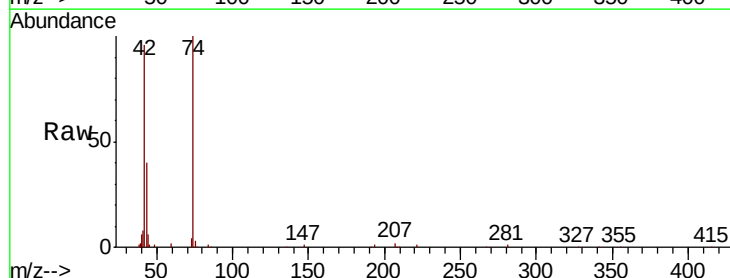
Tgt Ion: 42 Resp: 245068

Ion Ratio Lower Upper

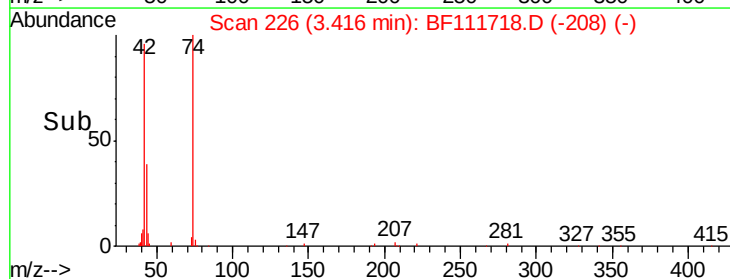
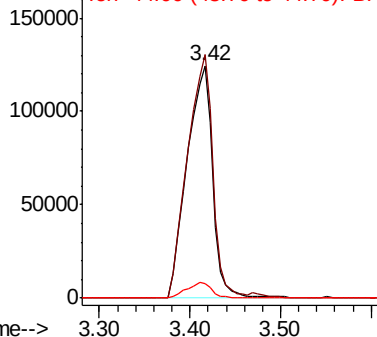
42 100

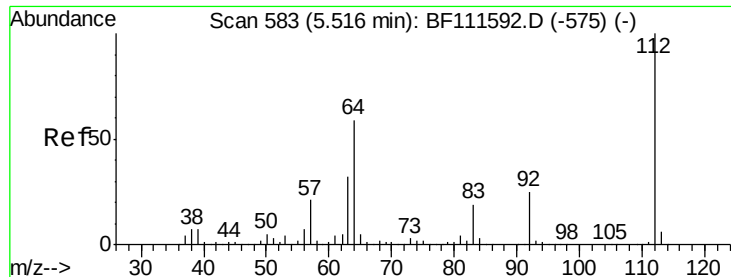
74 104.7 101.5 152.3

44 6.4 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: 73.048 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

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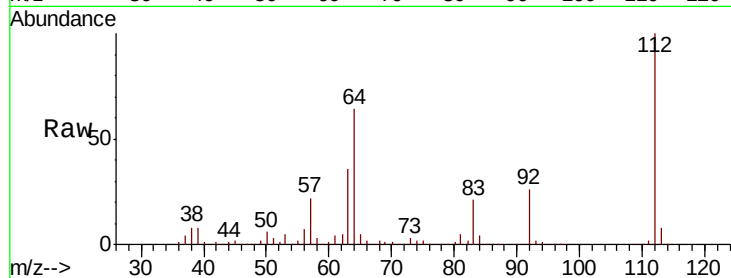
Tot Ion:112 Resp: 838400

Ion Ratio Lower Upper

112 100

64 64.4 51.8 77.6

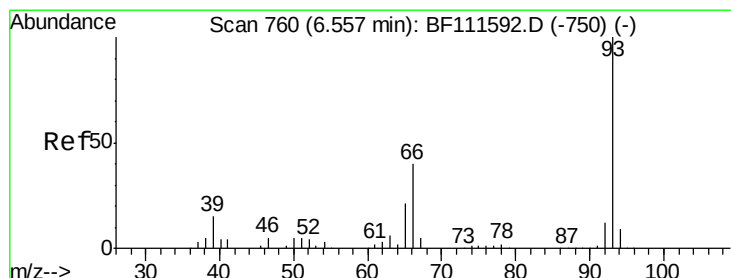
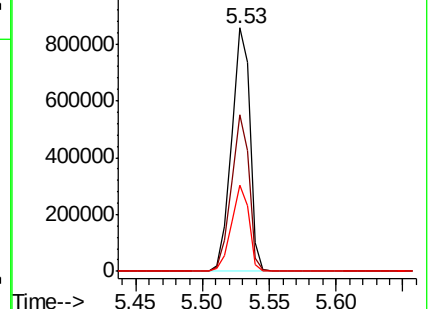
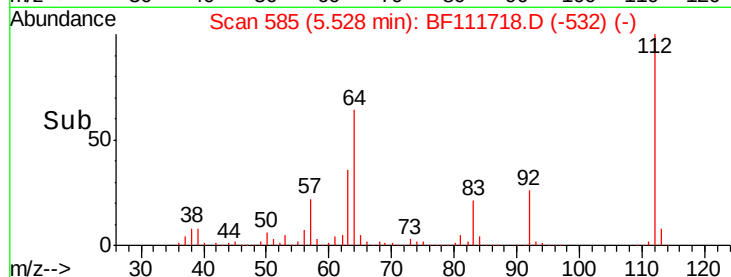
63 35.6 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.792 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

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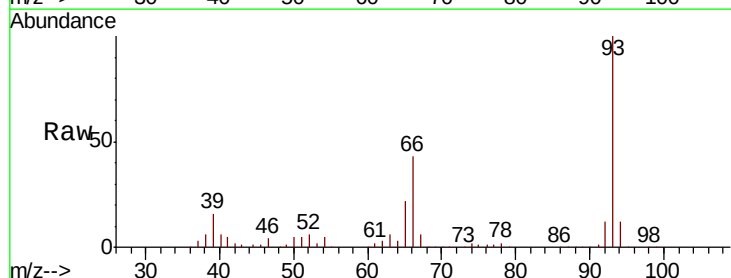
Tgt Ion: 93 Resp: 666414

Ion Ratio Lower Upper

93 100

66 42.6 33.2 49.8

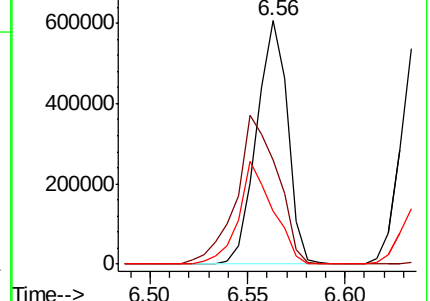
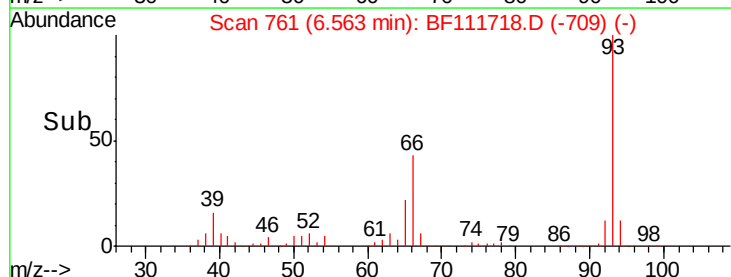
65 21.9 17.0 25.4

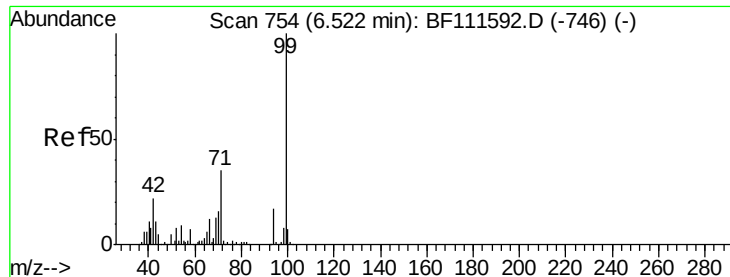


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.264 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

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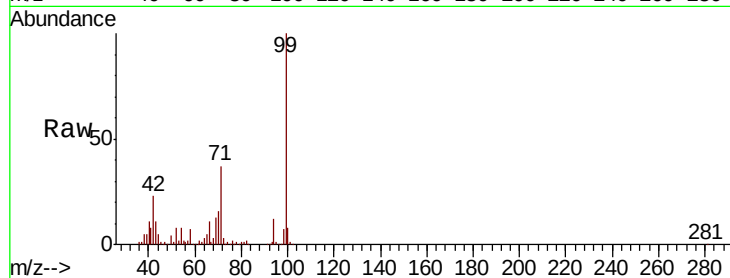
Tot Ion: 99 Resp: 1070146

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

71 37.0 26.1 39.1

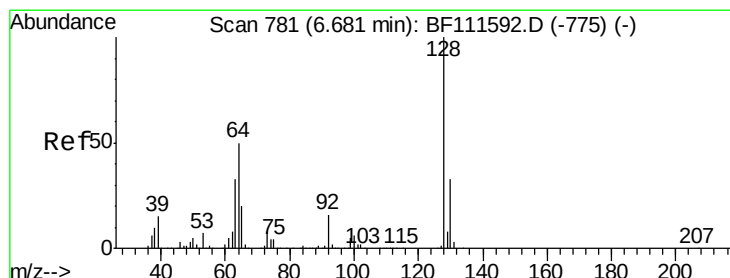
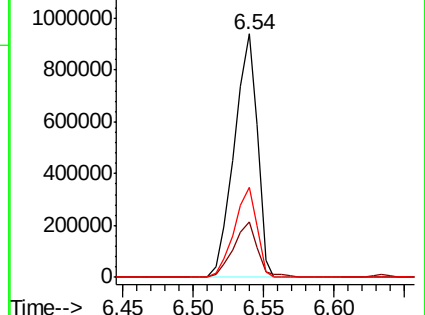
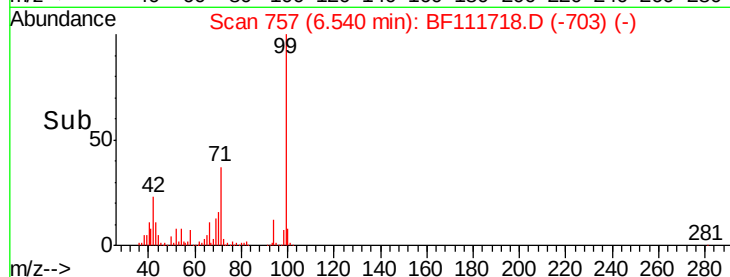


Abundance

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: 37.651 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF111718.D

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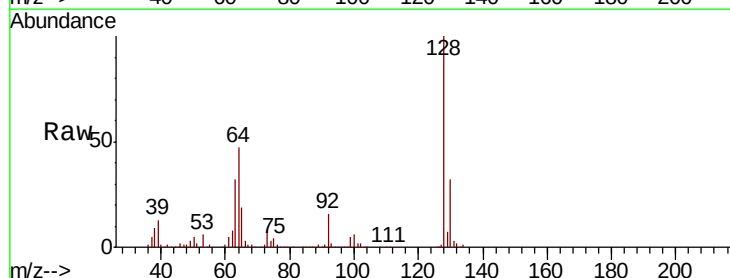
Tgt Ion: 128 Resp: 478700

Ion Ratio Lower Upper

128 100

130 31.9 12.7 52.7

64 47.1 30.0 70.0

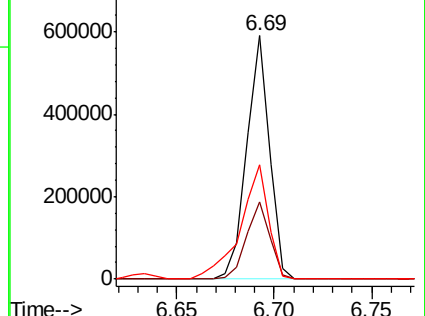
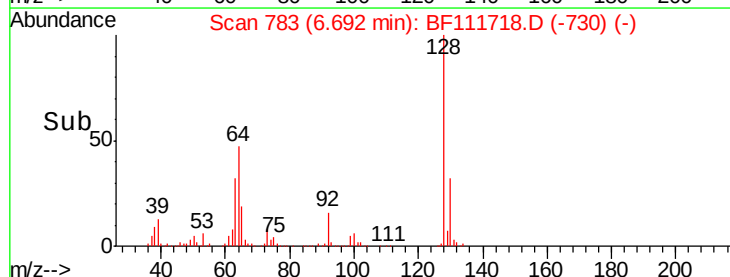


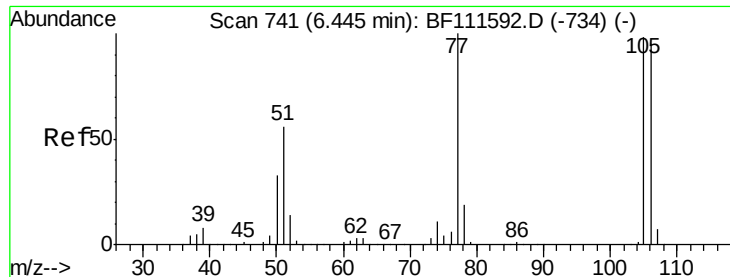
Abundance

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: 34.736 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

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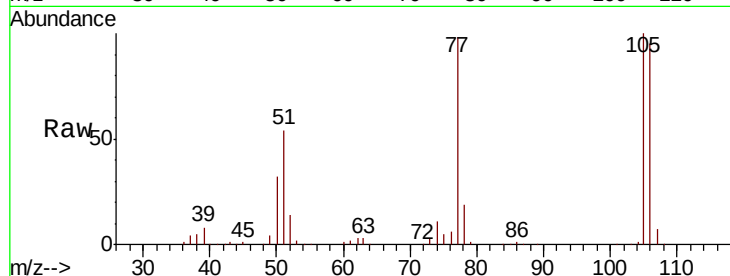
Tot Ion: 77 Resp: 348954

Ion Ratio Lower Upper

77 100

105 102.3 81.4 121.4

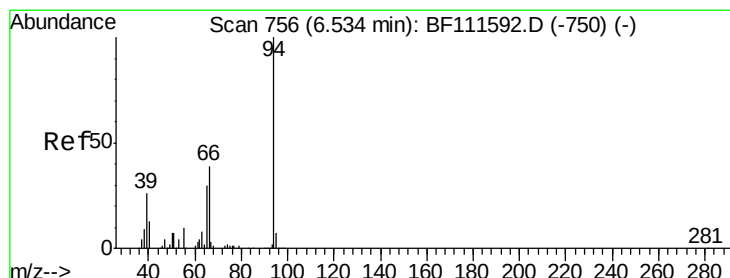
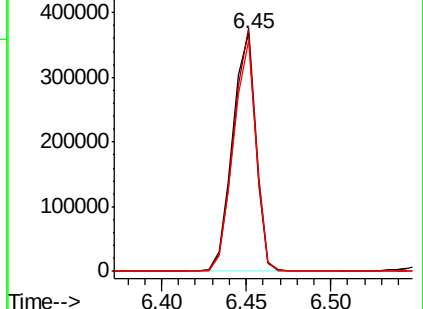
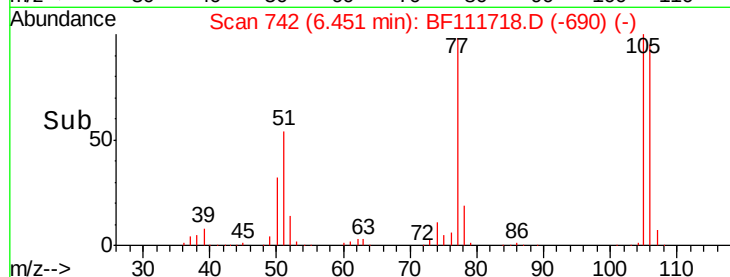
106 96.7 77.9 117.9



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: 36.065 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

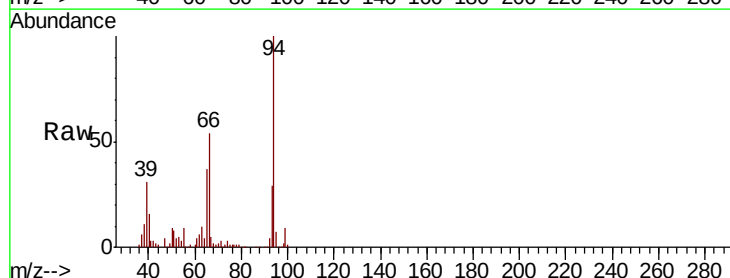
Tgt Ion: 94 Resp: 594378

Ion Ratio Lower Upper

94 100

65 37.1 11.7 51.7

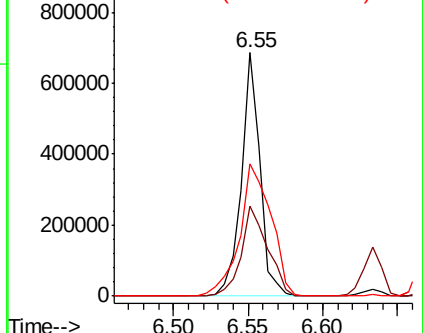
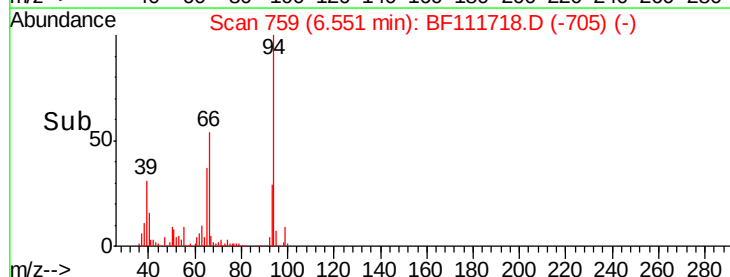
66 54.1 21.0 61.0

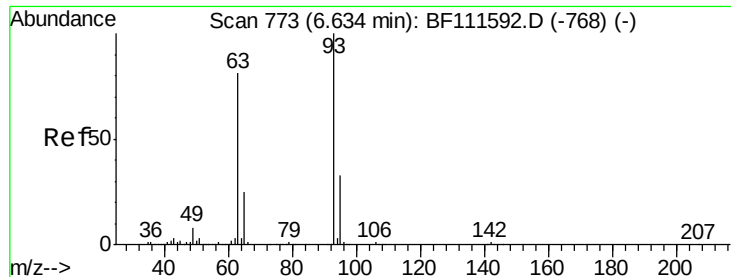


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.873 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

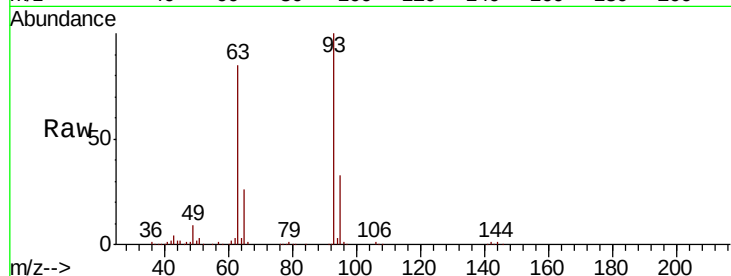
Tot Ion: 93 Resp: 455387

Ion Ratio Lower Upper

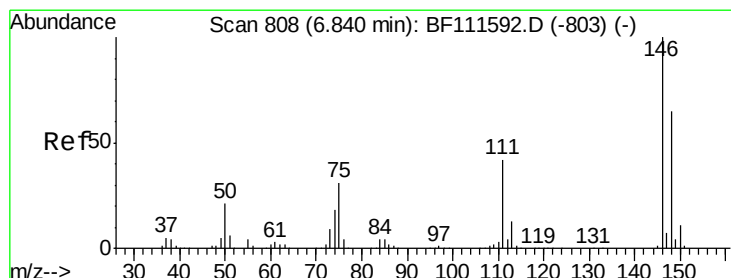
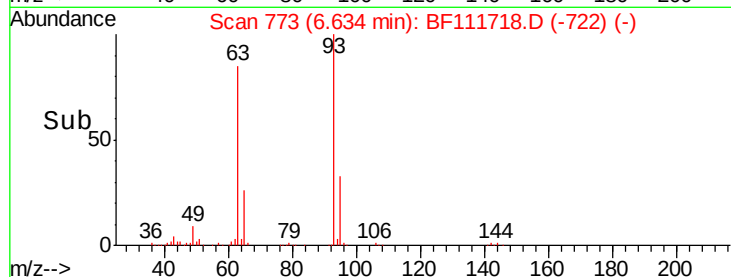
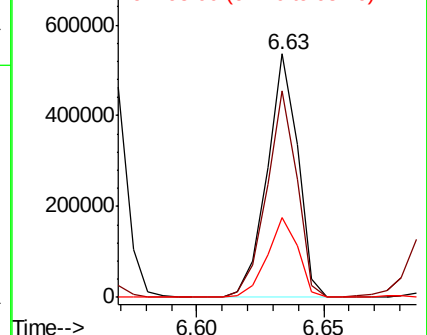
93 100

63 84.7 60.0 100.0

95 32.7 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: 37.884 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

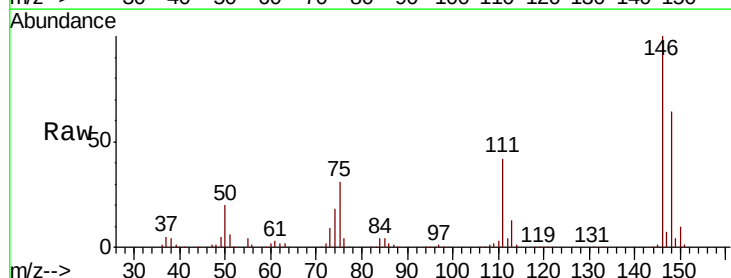
Tgt Ion: 146 Resp: 558195

Ion Ratio Lower Upper

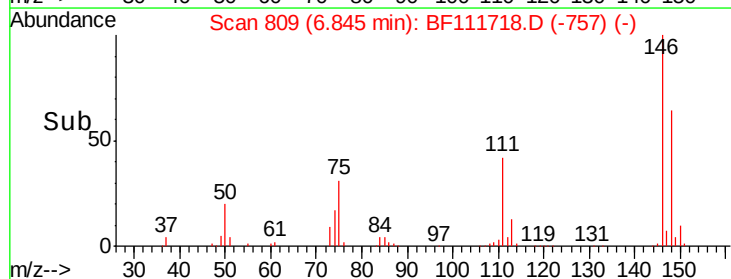
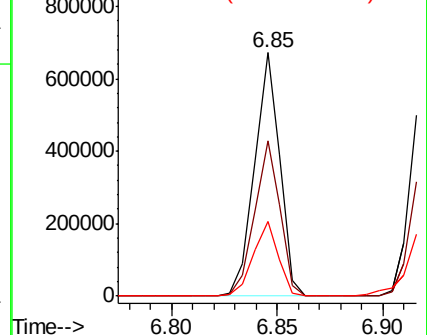
146 100

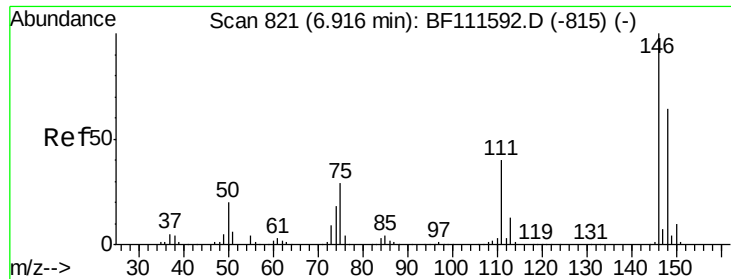
148 64.0 52.1 78.1

75 30.8 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

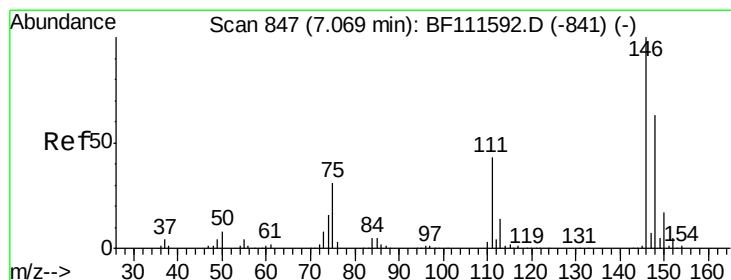
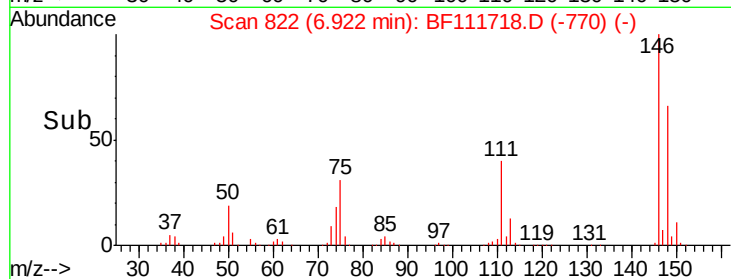
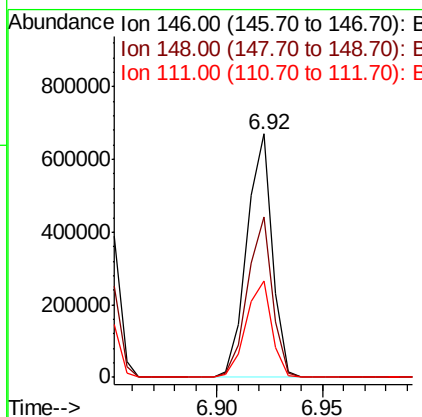
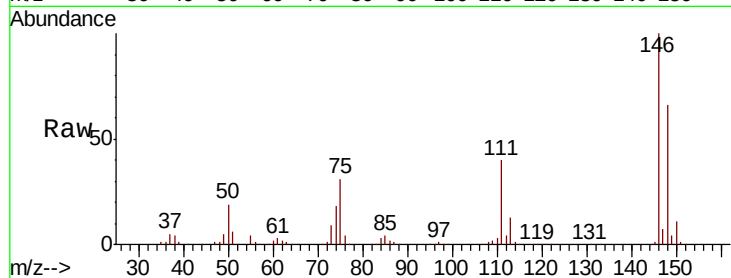




#13
 1,4-Dichlorobenzene
 Concen: 37.435 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111718.D
 Acq: 26 Dec 2018 17:21

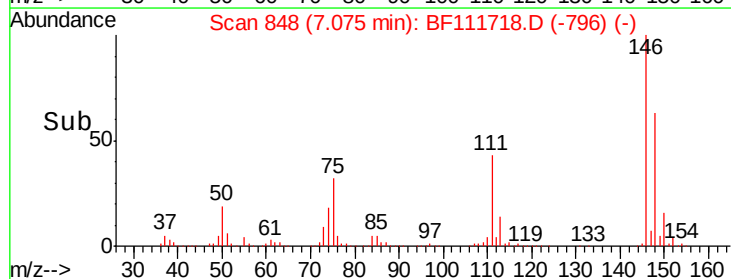
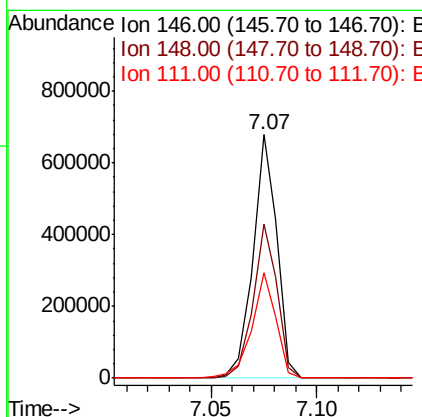
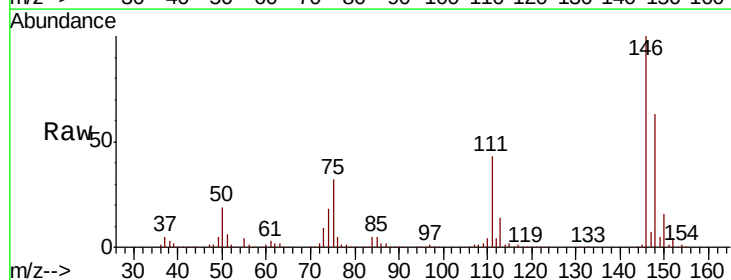
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

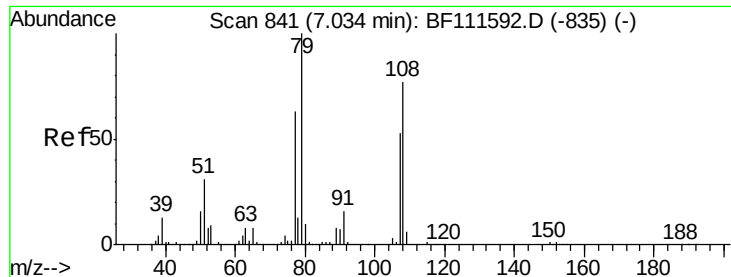
Tot Ion:146 Resp: 559396
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.8 79.2
 111 39.9 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 38.265 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111718.D
 Acq: 26 Dec 2018 17:21

Tgt Ion:146 Resp: 533482
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.9 77.9
 111 43.3 36.2 54.4





#15

Benzyl Alcohol

Concen: 38.141 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

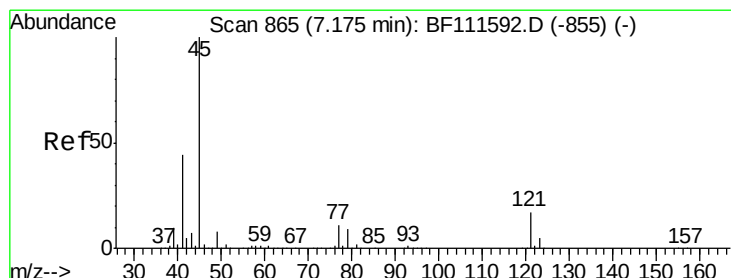
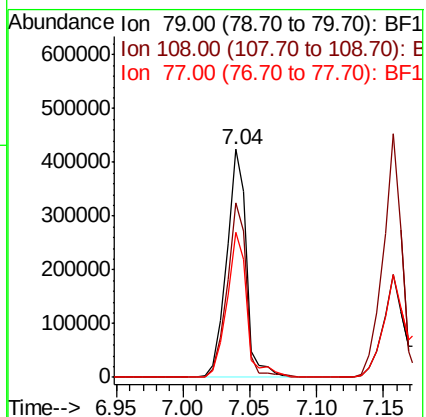
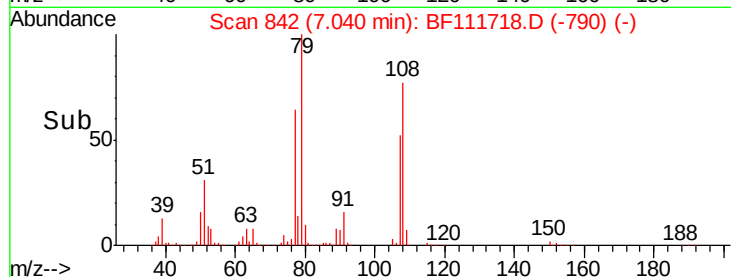
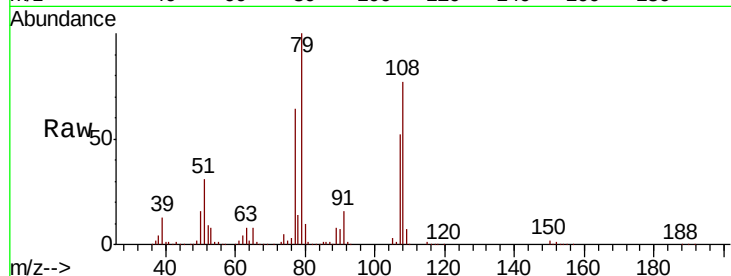
Tot Ion: 79 Resp: 442462

Ion Ratio Lower Upper

79 100

108 76.7 69.4 104.2

77 63.6 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.417 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

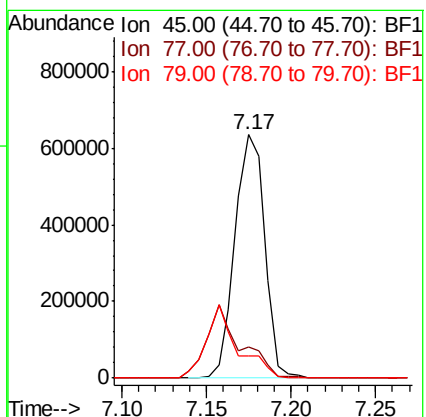
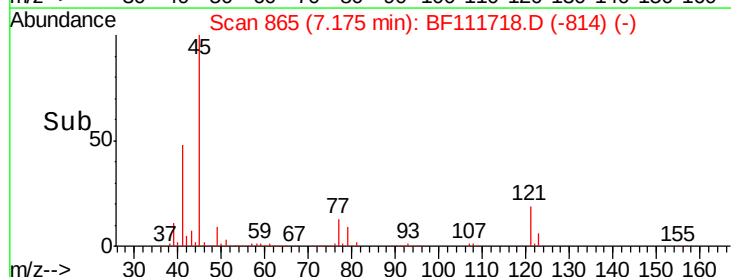
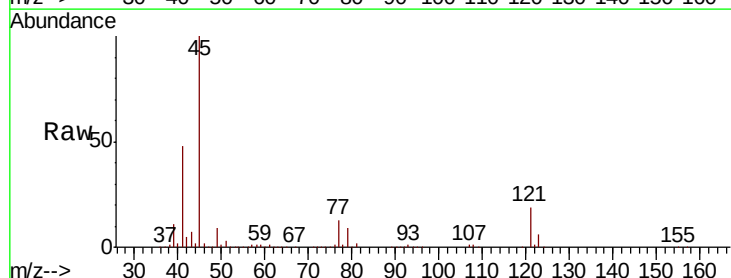
Tgt Ion: 45 Resp: 782839

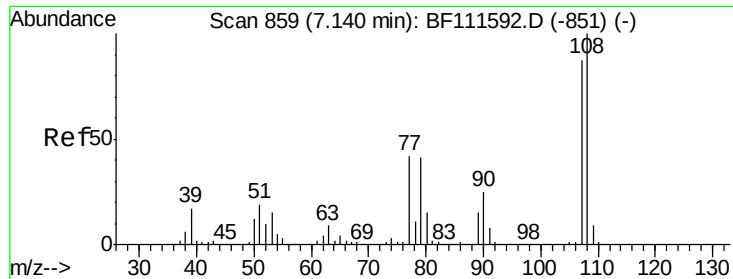
Ion Ratio Lower Upper

45 100

77 12.8 0.0 31.5

79 9.3 0.0 28.9

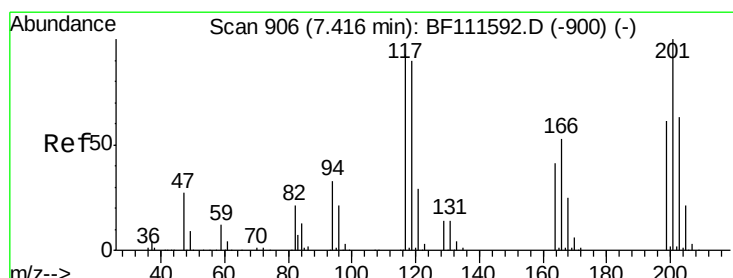
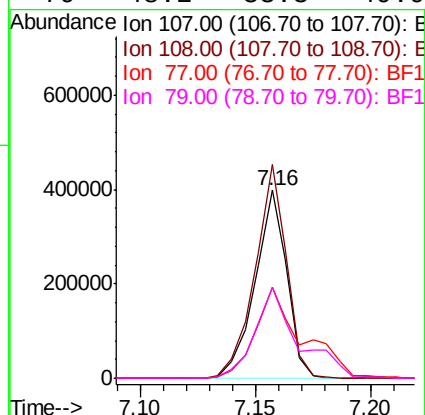
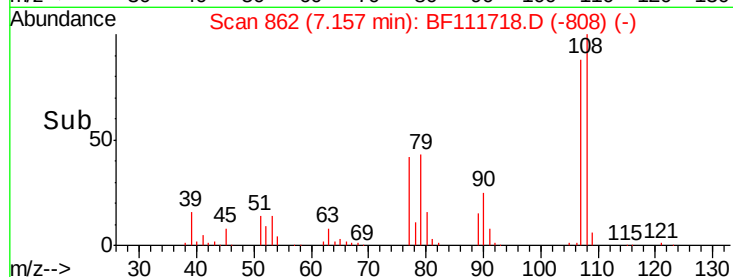
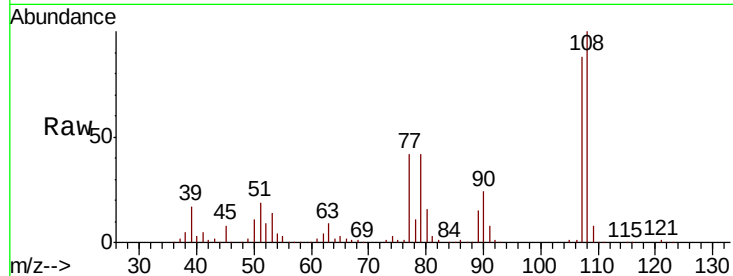




#17
2-Methylphenol
Concen: 37.480 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

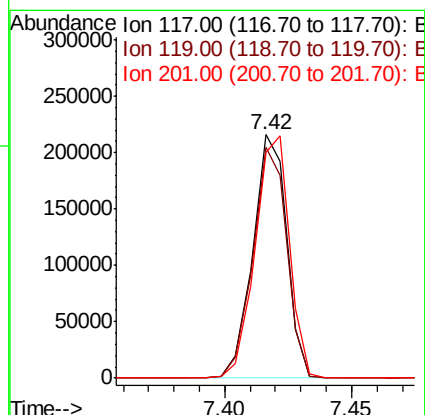
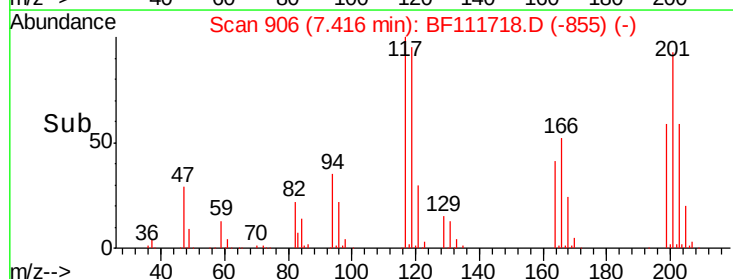
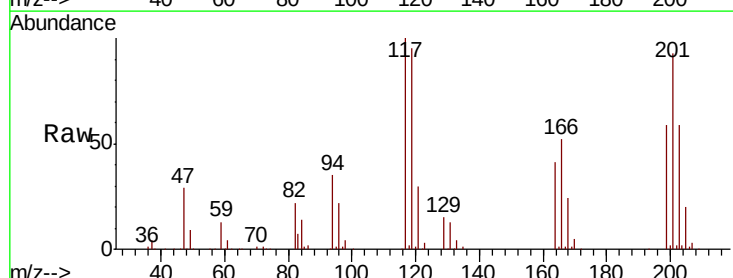
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

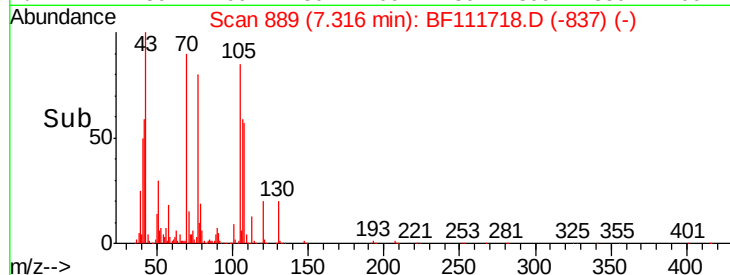
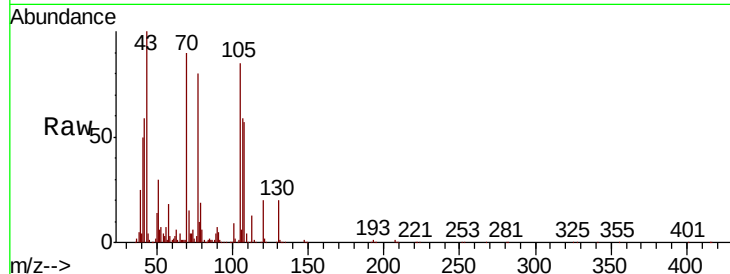
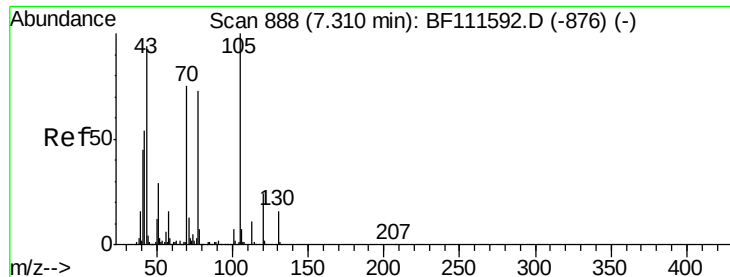
Tot Ion:	107	Resp:	381569
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	48.3	33.5	50.3
79	48.2	33.3	49.9



#18
Hexachloroethane
Concen: 39.942 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:	117	Resp:	201131
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.4	113.0
201	92.7	62.4	93.6

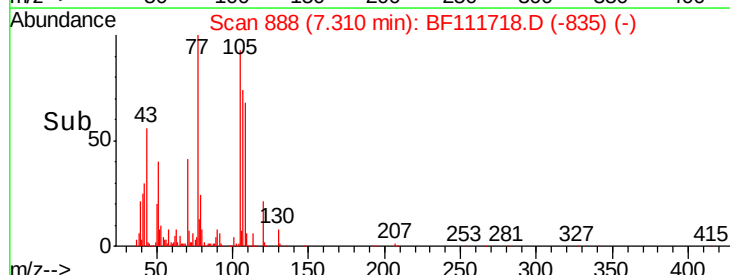
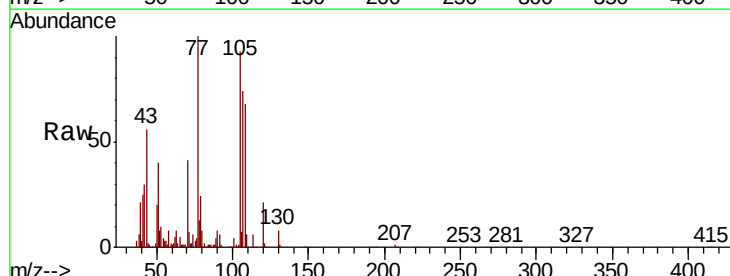
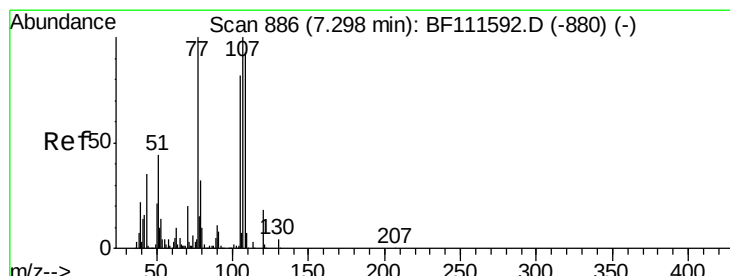
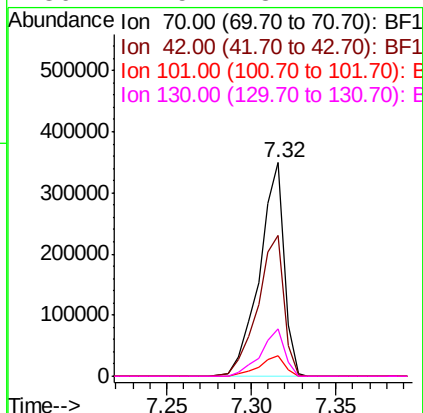




#19
n-Nitroso-di-n-propylamine
Concen: 36.381 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

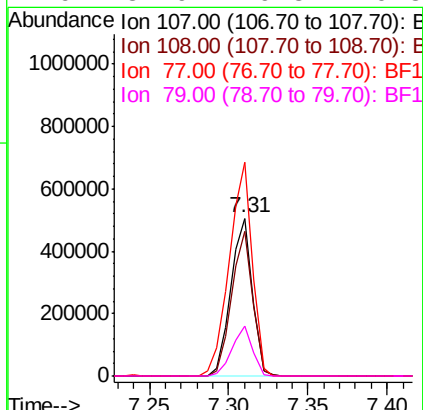
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

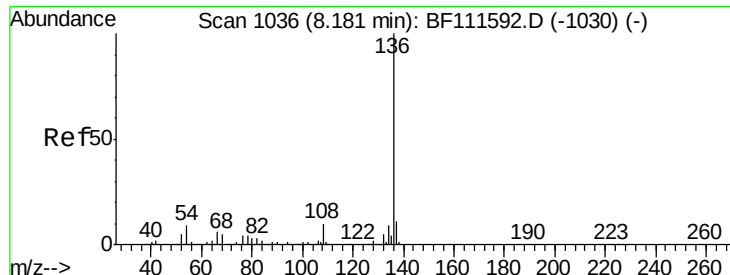
Tot Ion: 70 Resp: 352914
Ion Ratio Lower Upper
70 100
42 65.7 53.2 79.8
101 9.5 8.2 12.4
130 22.5 18.1 27.1



#20
3+4-Methylphenols
Concen: 36.881 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion: 107 Resp: 474432
Ion Ratio Lower Upper
107 100
108 91.8 72.1 112.1
77 135.5 94.1 134.1#
79 31.9 9.8 49.8

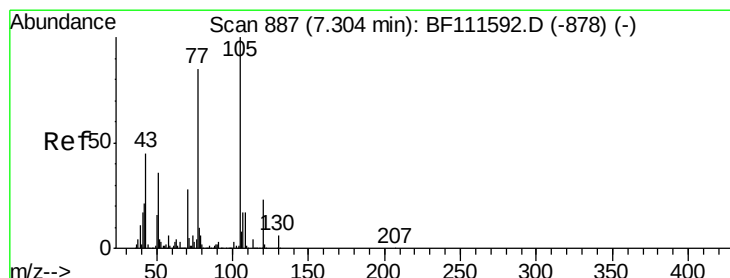
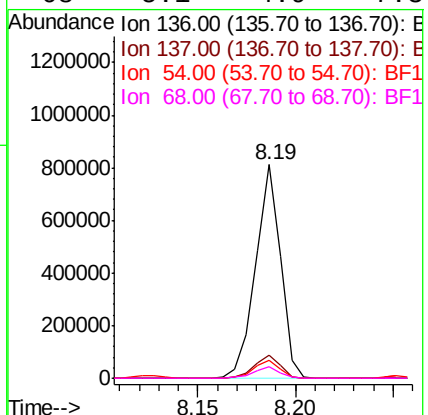
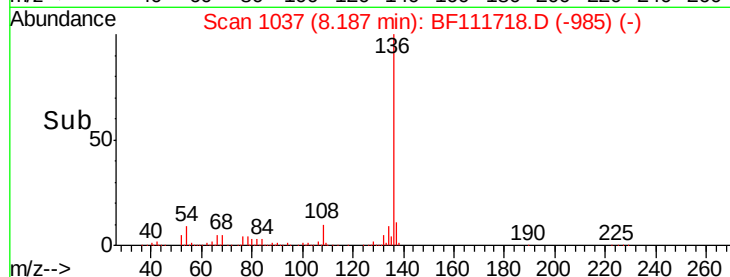
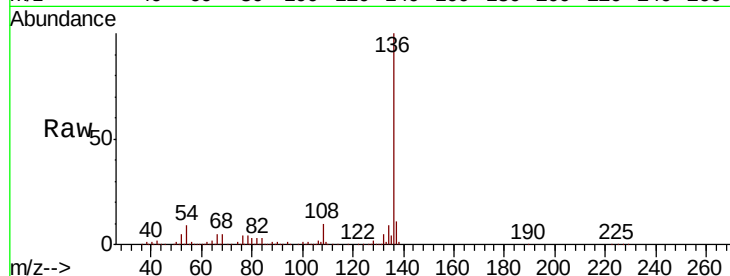




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

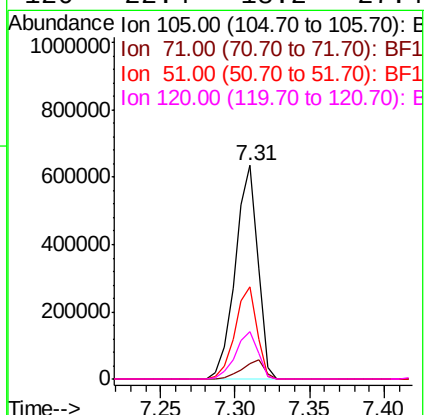
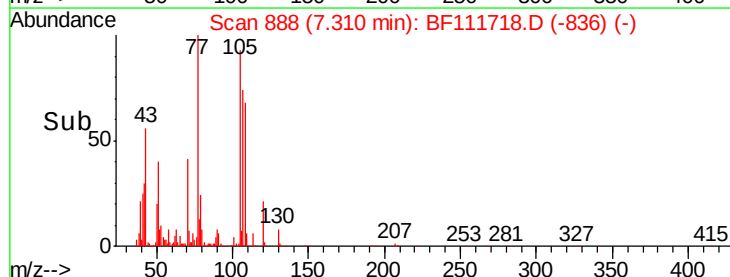
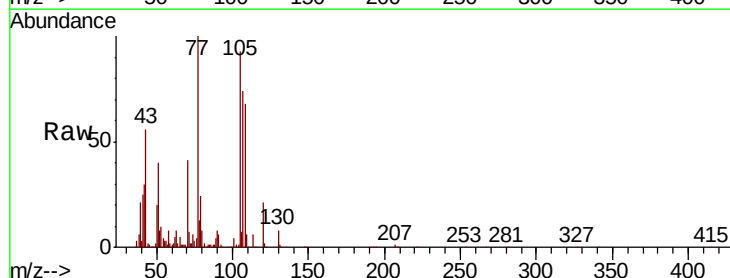
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

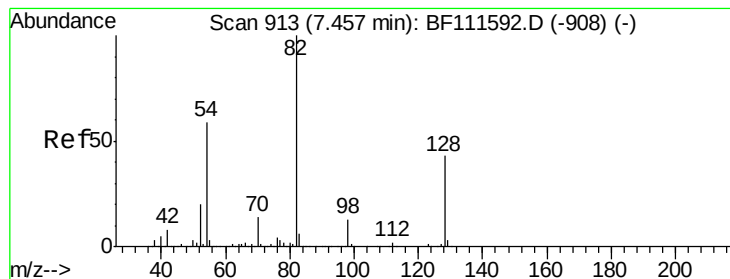
Tot Ion:136	Resp:	719466
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	8.7	7.7 11.5
68	5.1	4.9 7.3



#22
Acetophenone
Concen: 36.957 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:105	Resp:	673616
Ion Ratio	Lower	Upper
105	100	
71	7.2	3.1 4.7#
51	42.9	36.6 54.8
120	22.4	18.2 27.4





#23

Nitrobenzene-d5

Concen: 83.073 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

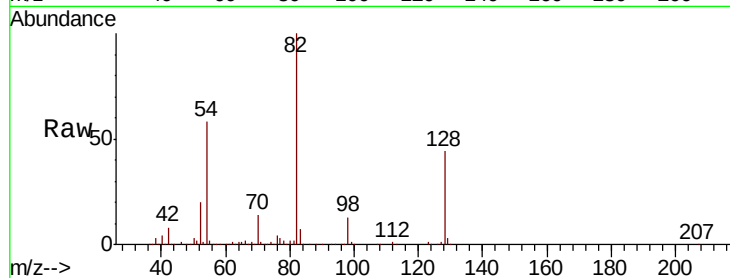
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1026810

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.4	56.2
54	57.5	47.6	71.4

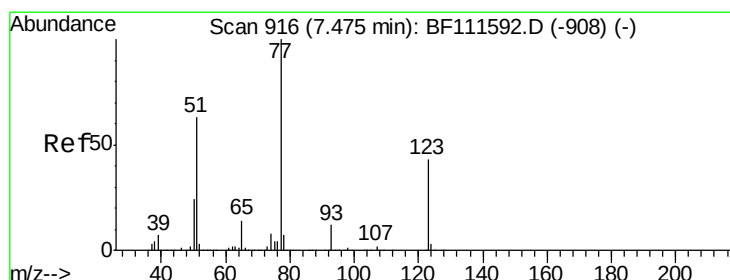
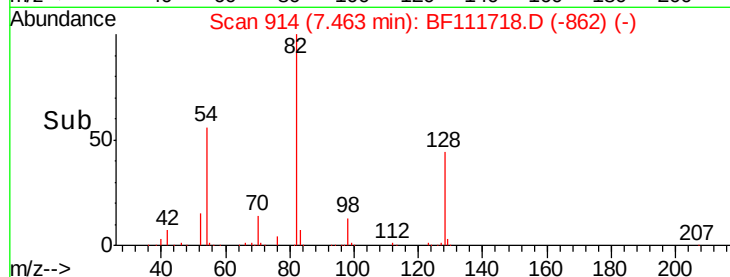
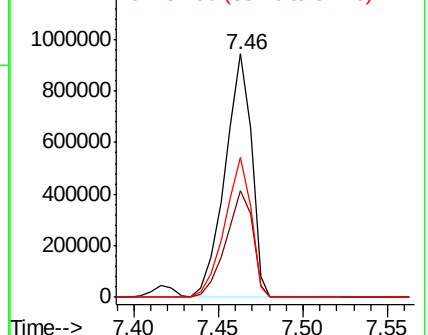


Abundance

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: 40.098 ng

RT: 7.48 min Scan# 917

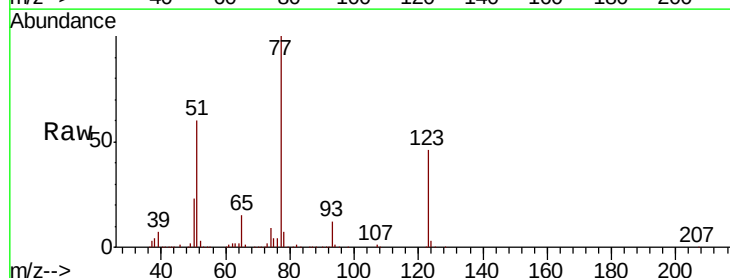
Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Tgt Ion: 77 Resp: 519461

Ion	Ratio	Lower	Upper
77	100		
123	45.9	37.2	55.8
65	14.7	11.5	17.3

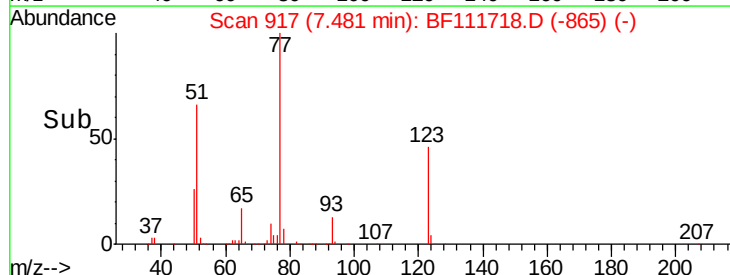
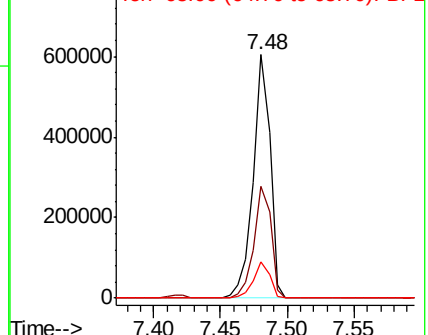


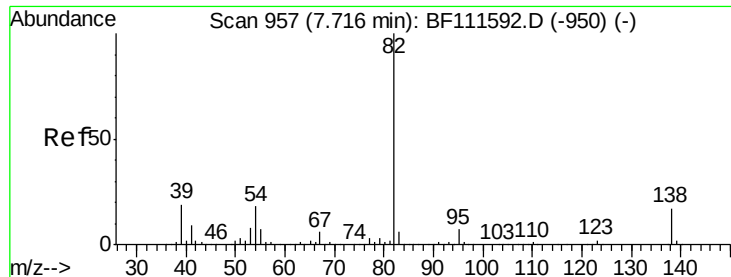
Abundance

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: 37.392 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

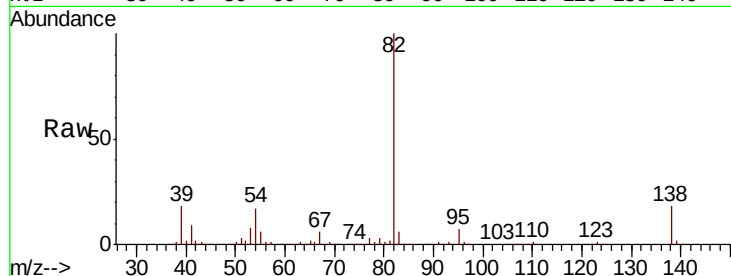
Tot Ion: 82 Resp: 820490

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

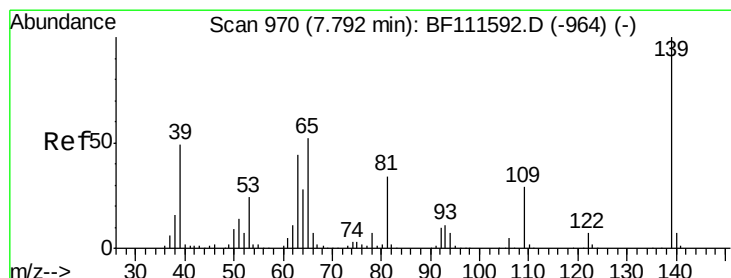
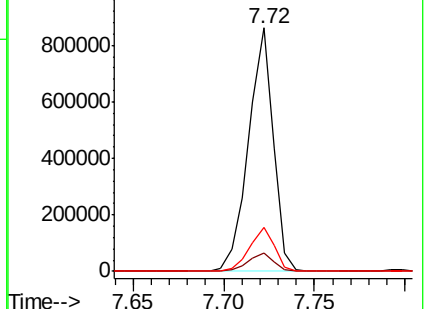
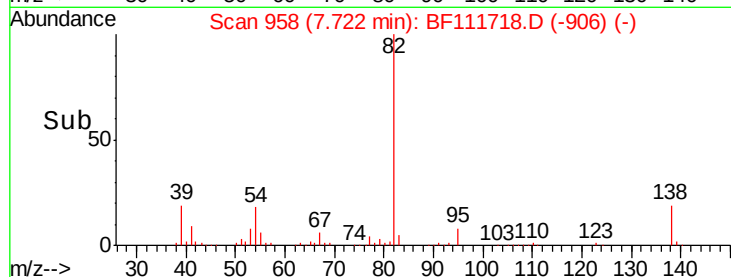
138 18.1 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF111718.D (-906) (-)

Ion 95.00 (94.70 to 95.70): BF111718.D (-906) (-)

Ion 138.00 (137.70 to 138.70): BF111718.D (-906) (-)



#26

2-Nitrophenol

Concen: 49.517 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

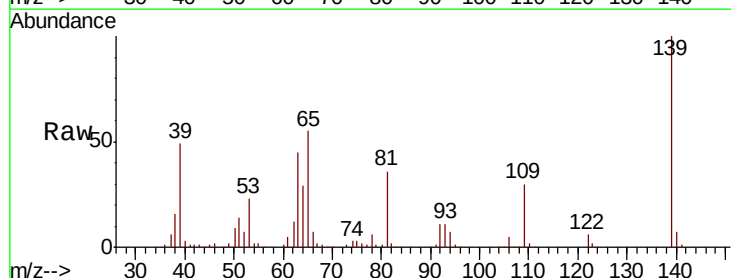
Tgt Ion: 139 Resp: 260165

Ion Ratio Lower Upper

139 100

109 30.3 20.2 30.4

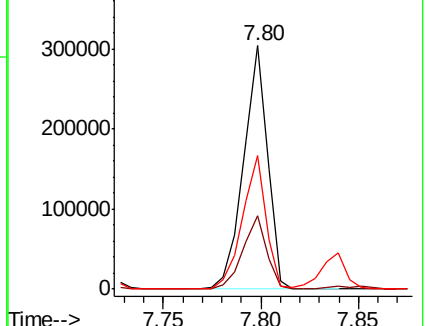
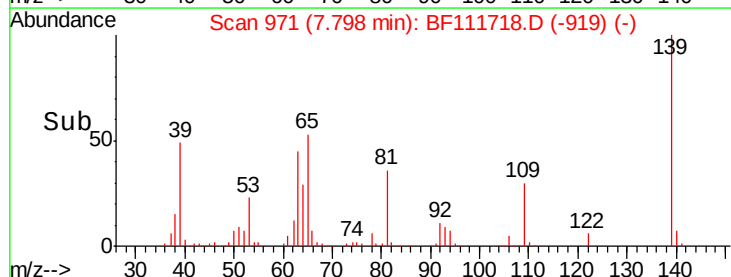
65 54.6 40.7 61.1

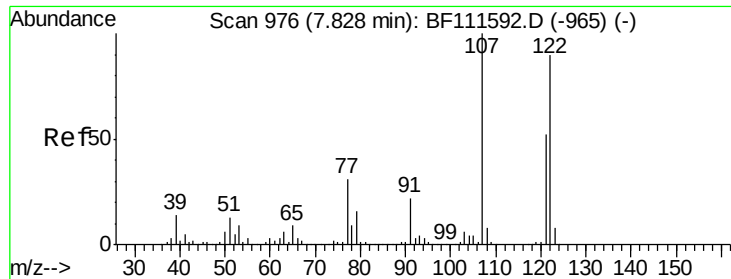


Abundance Ion 139.00 (138.70 to 139.70): BF111718.D (-919) (-)

Ion 109.00 (108.70 to 109.70): BF111718.D (-919) (-)

Ion 65.00 (64.70 to 65.70): BF111718.D (-919) (-)

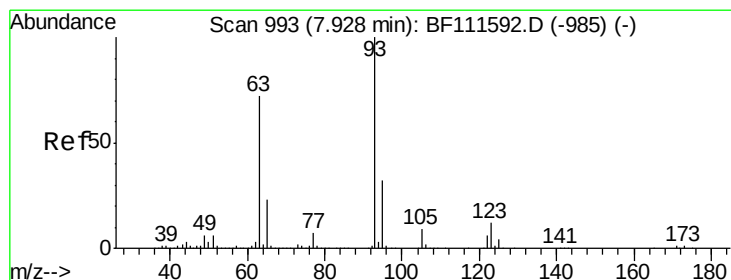
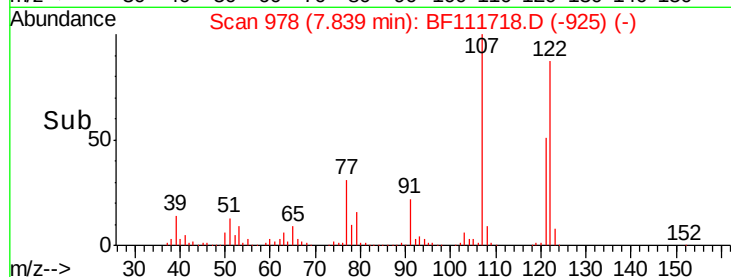
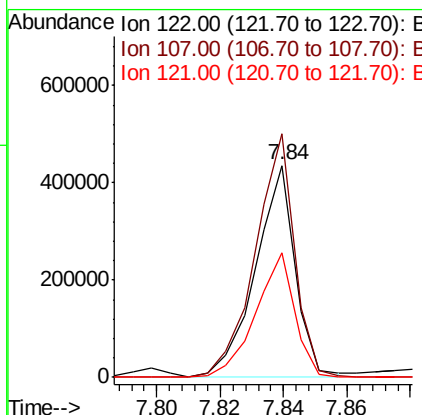
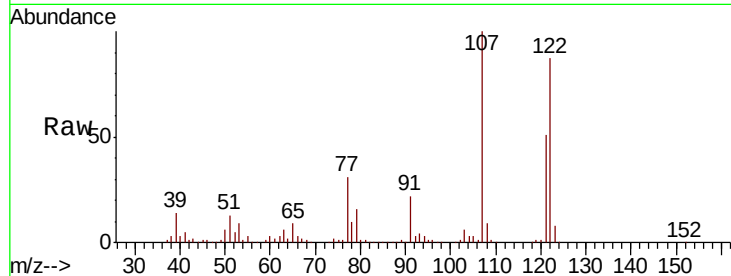




#27
2,4-Dimethylphenol
Concen: 36.575 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

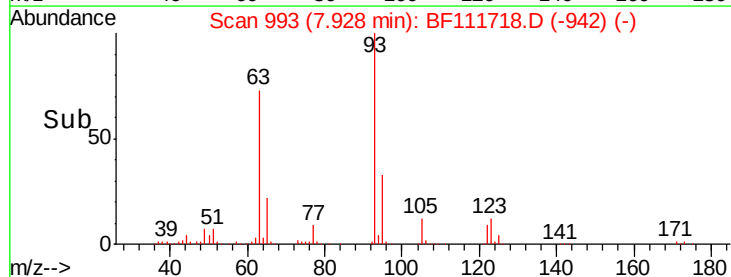
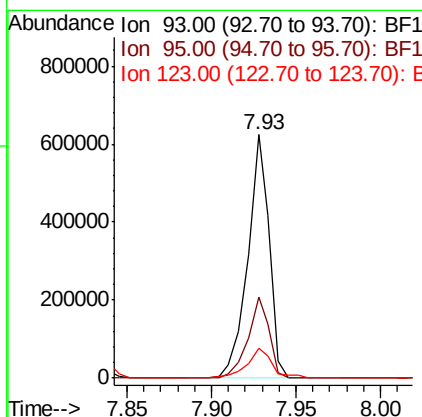
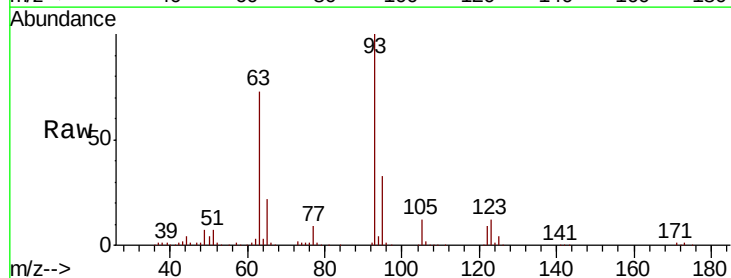
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

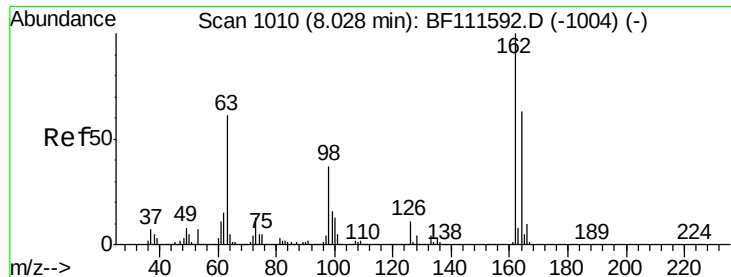
Tot Ion:122 Resp: 378815
Ion Ratio Lower Upper
122 100
107 114.8 85.5 128.3
121 58.8 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 37.783 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion: 93 Resp: 551709
Ion Ratio Lower Upper
93 100
95 33.1 27.1 40.7
123 12.0 9.9 14.9

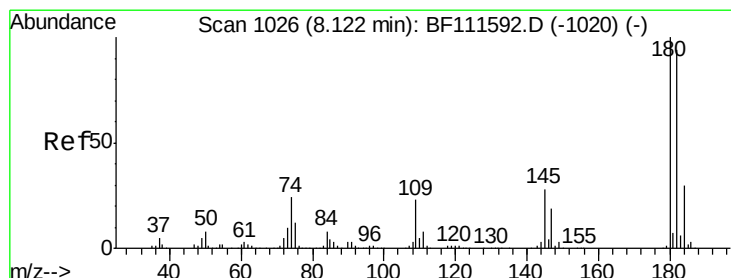
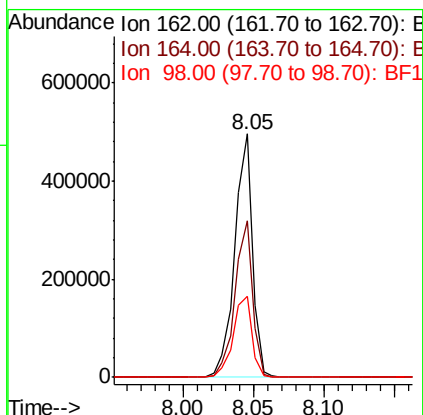
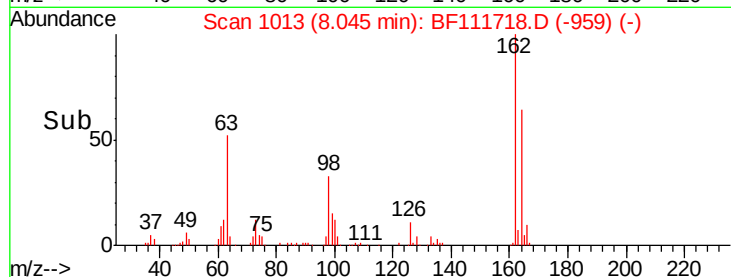
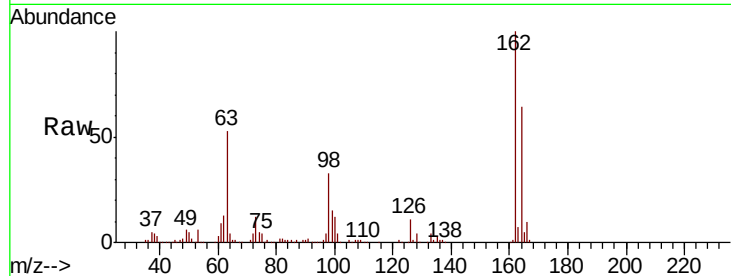




#29
2,4-Dichlorophenol
Concen: 39.015 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.02 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

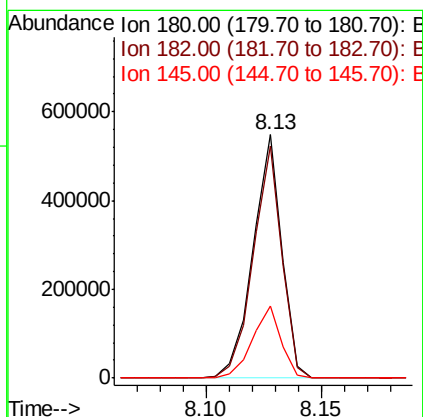
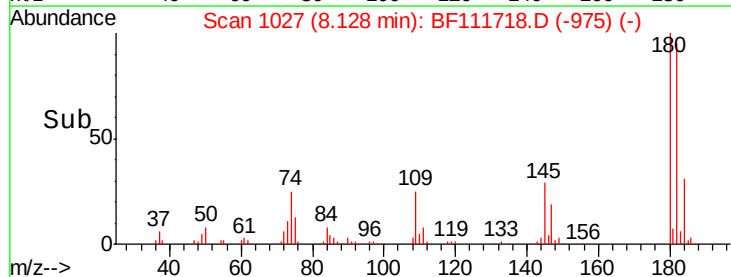
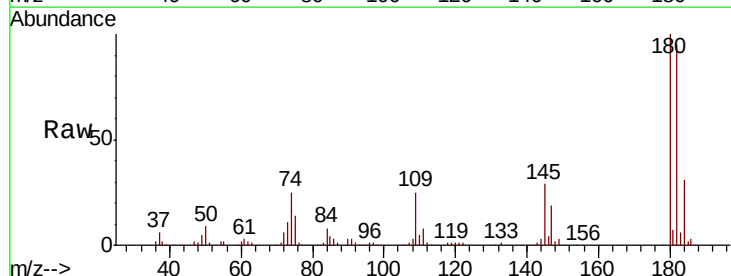
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

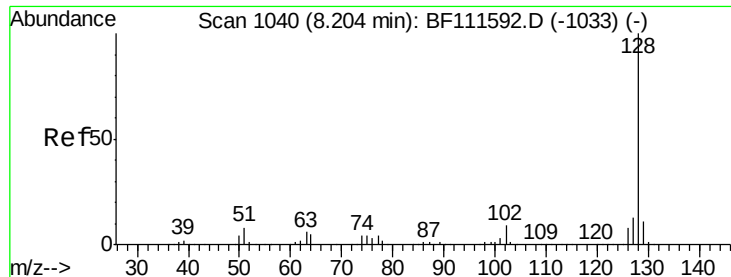
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.4	84.4
98	33.5	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 38.297 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.6	113.4
145	29.4	26.7	40.1

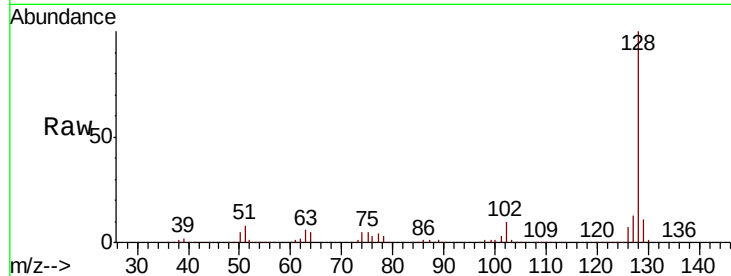




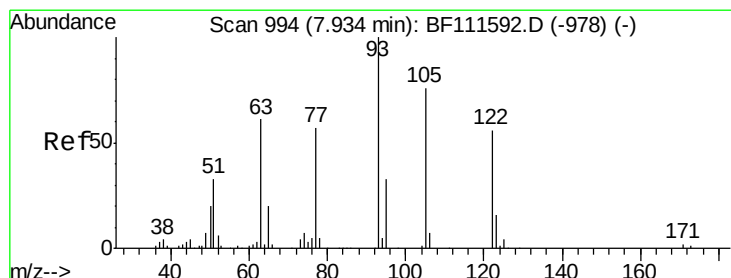
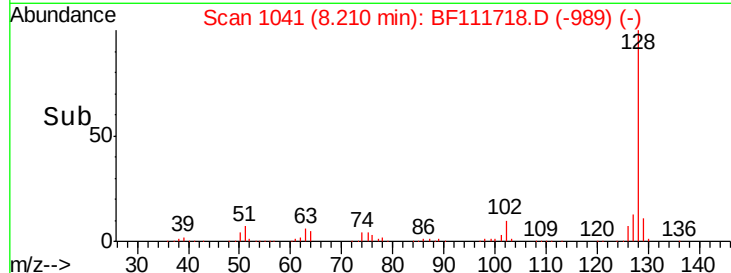
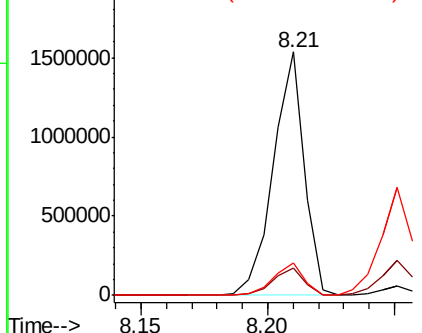
#31
Naphthalene
Concen: 38.005 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1313817
Ion Ratio Lower Upper
128 100
129 11.0 9.8 14.8
127 13.4 12.0 18.0

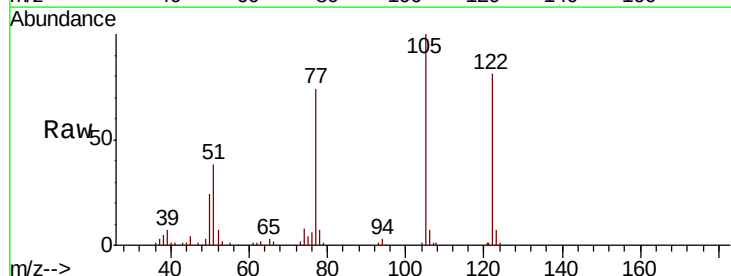


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

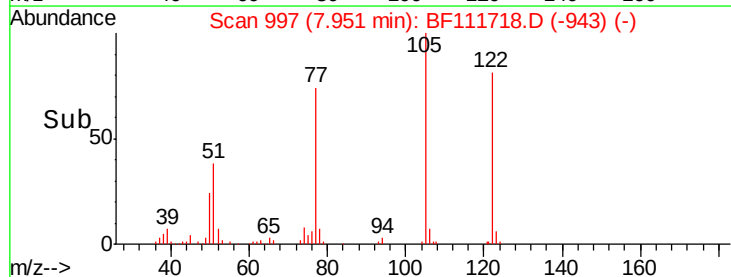
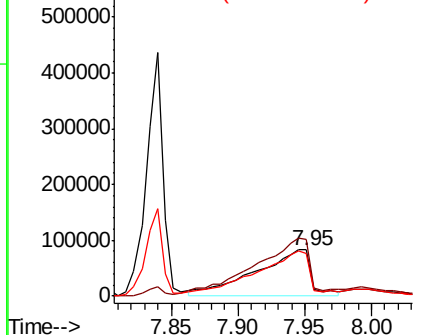


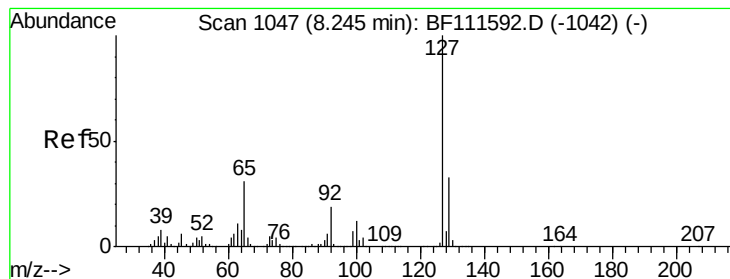
#32
Benzoic acid
Concen: 35.185 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:122 Resp: 240947
Ion Ratio Lower Upper
122 100
105 123.7 97.0 137.0
77 91.0 65.7 105.7



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

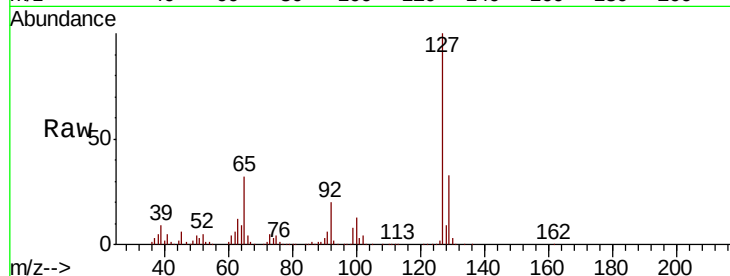




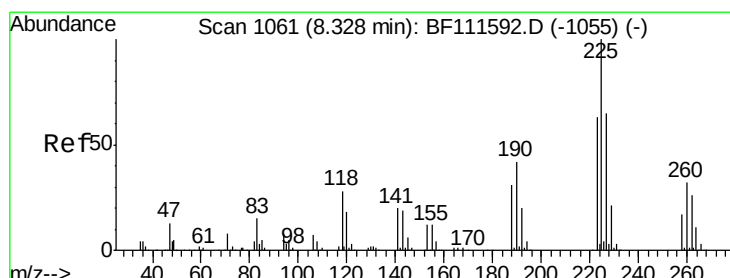
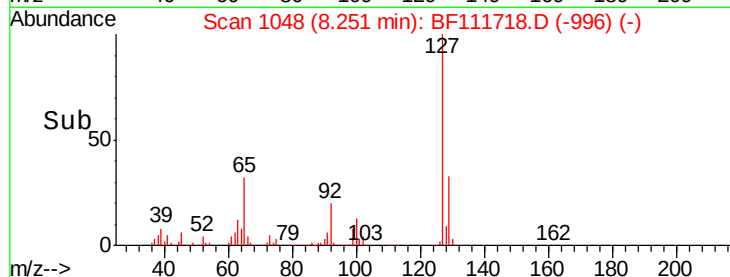
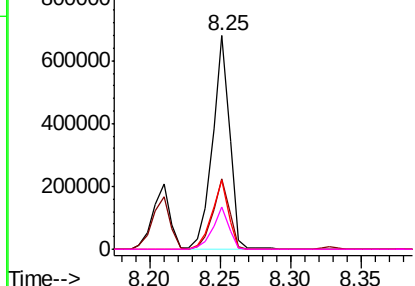
#33
4-Chloroaniline
Concen: 38.101 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	569284
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	32.3	25.7	38.5
92	19.9	15.4	23.2

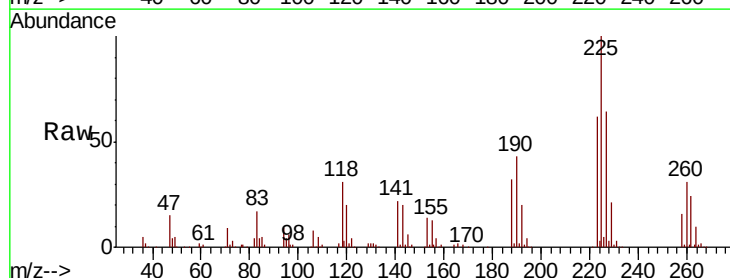


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

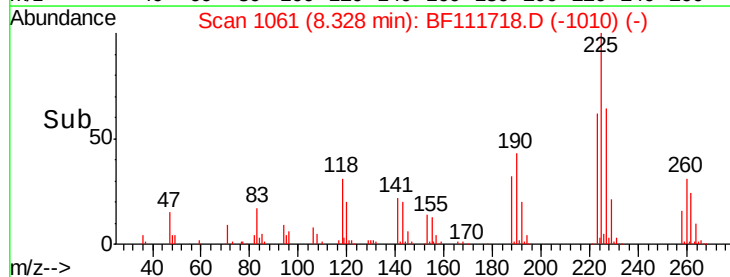
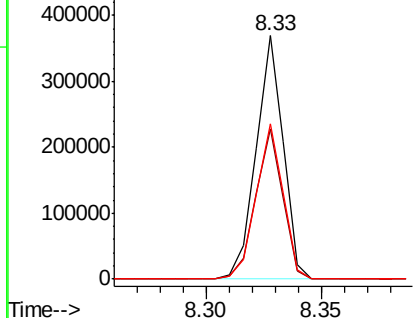


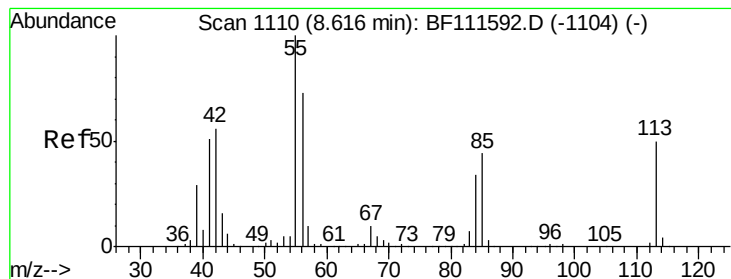
#34
Hexachlorobutadiene
Concen: 40.021 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:	225	Resp:	302797
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.7	76.1
227	63.7	52.6	78.8



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





#35

Caprolactam

Concen: 36.826 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

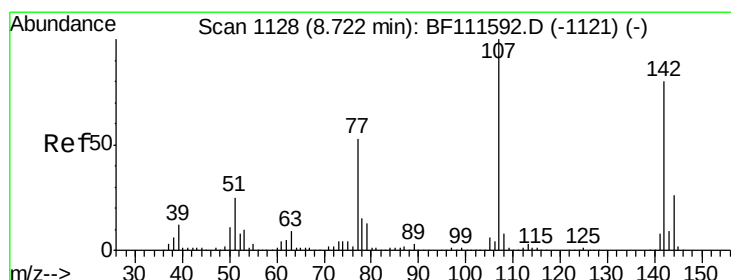
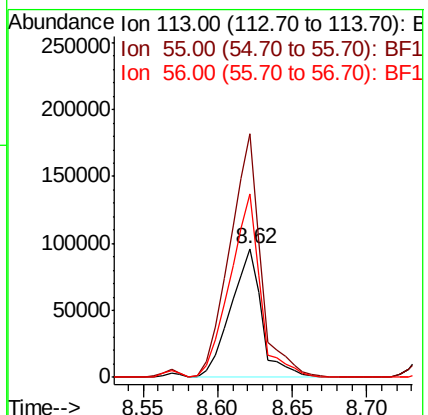
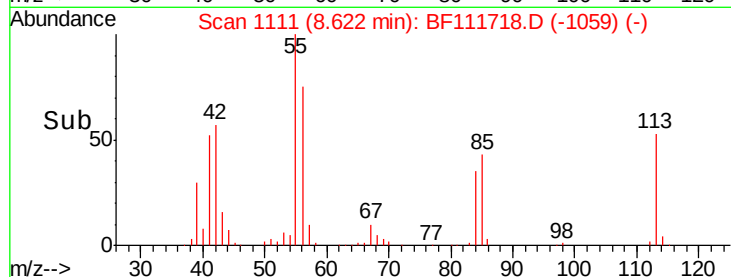
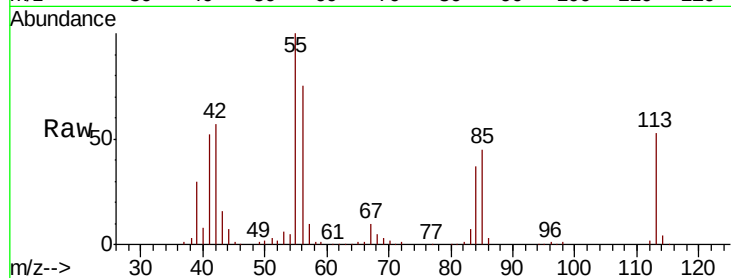
Tot Ion:113 Resp: 139013

Ion Ratio Lower Upper

113 100

55 189.4 184.1 224.1

56 142.4 126.0 166.0



#36

4-Chloro-3-methylphenol

Concen: 38.696 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

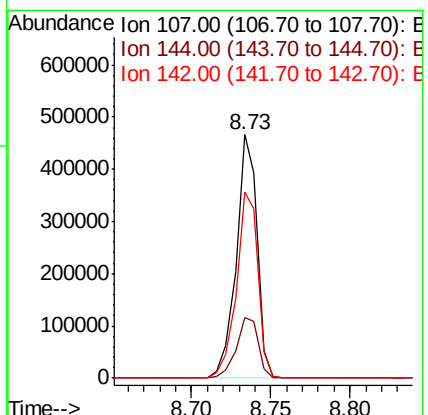
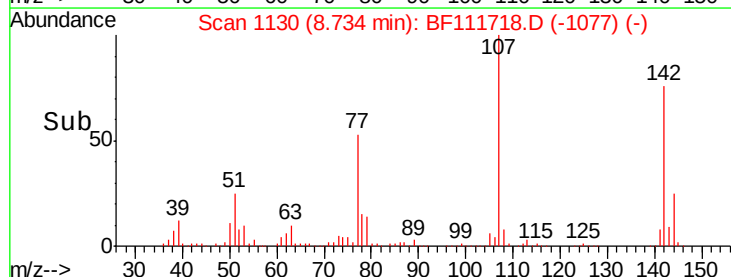
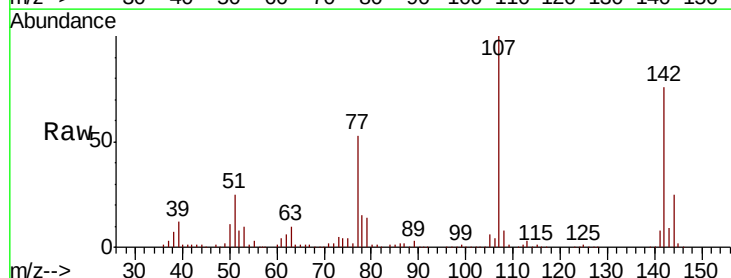
Tgt Ion:107 Resp: 423740

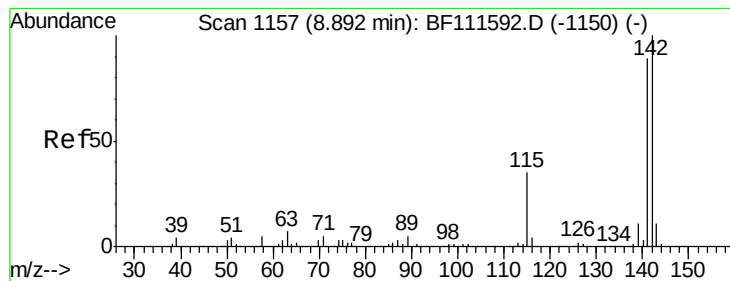
Ion Ratio Lower Upper

107 100

144 24.7 19.8 29.6

142 76.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.581 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

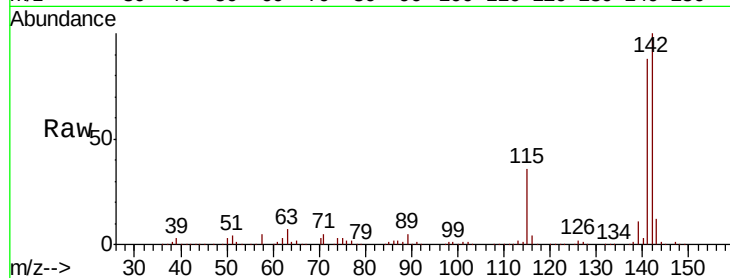
Tot Ion:142 Resp: 867733

Ion Ratio Lower Upper

142 100

141 88.1 70.6 105.8

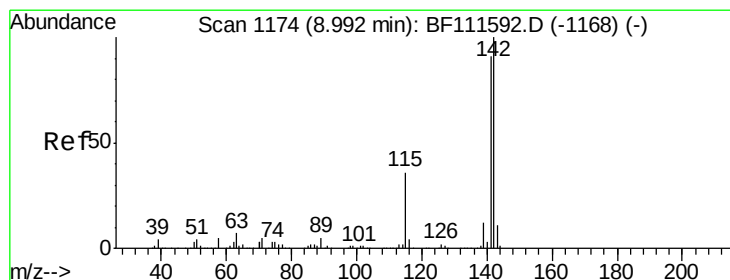
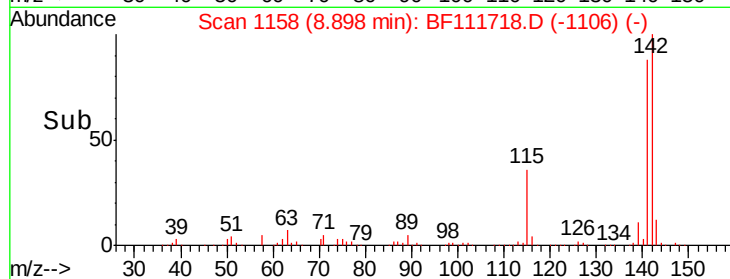
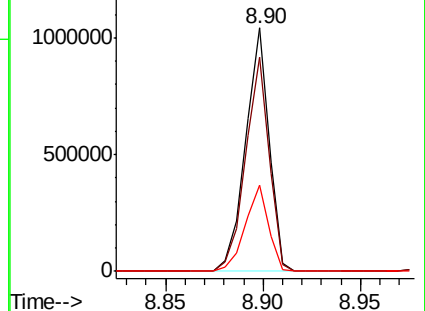
115 35.6 27.0 40.6



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: 38.971 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

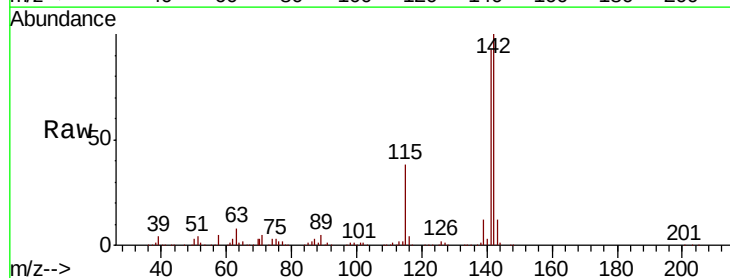
Tgt Ion:142 Resp: 841790

Ion Ratio Lower Upper

142 100

141 93.5 74.2 111.4

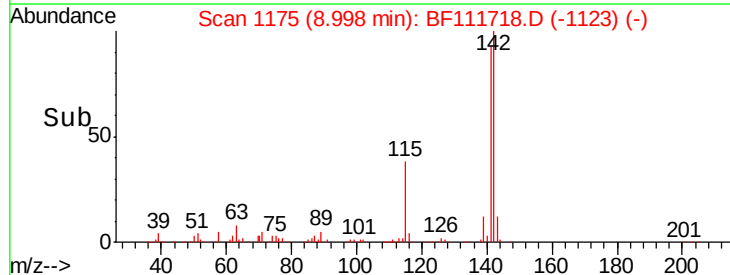
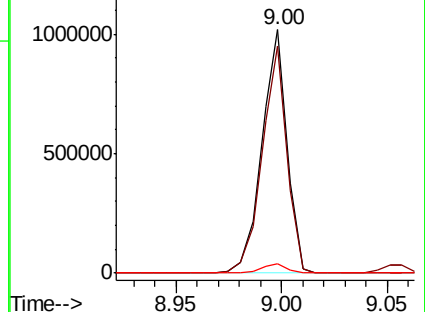
116 3.9 2.9 4.3

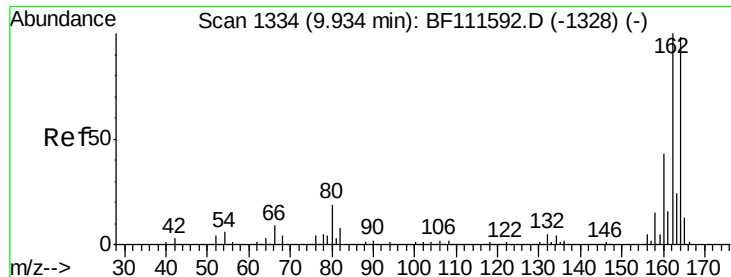


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

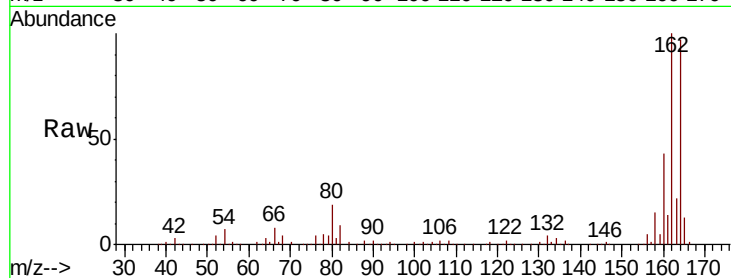
Tot Ion:164 Resp: 372363

Ion Ratio Lower Upper

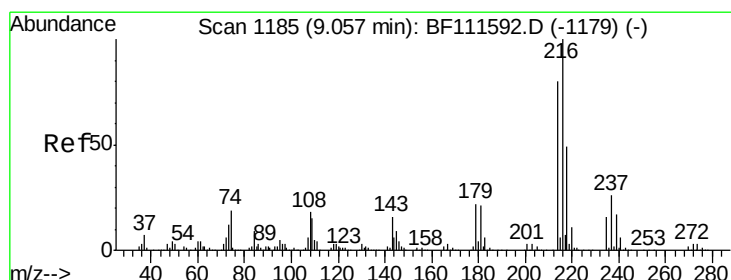
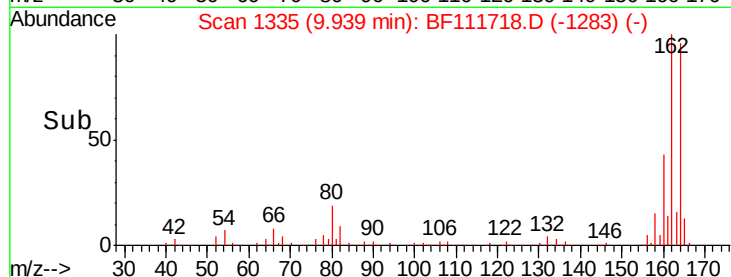
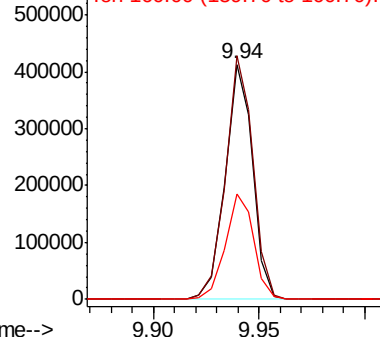
164 100

162 103.5 81.4 122.0

160 45.0 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: 38.740 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Tgt Ion:216 Resp: 474015

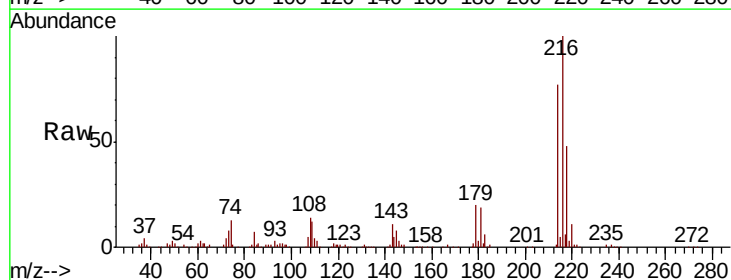
Ion Ratio Lower Upper

216 100

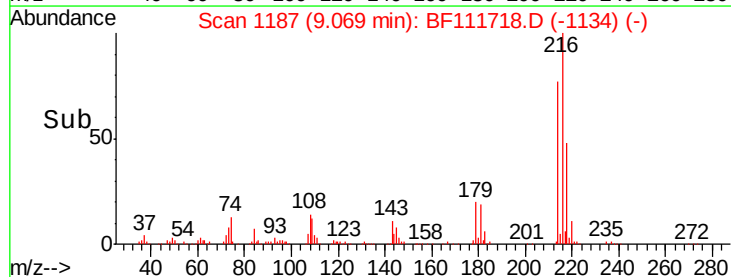
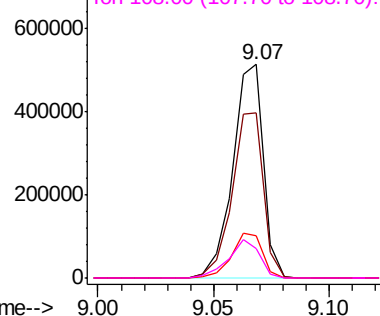
214 79.1 63.8 95.8

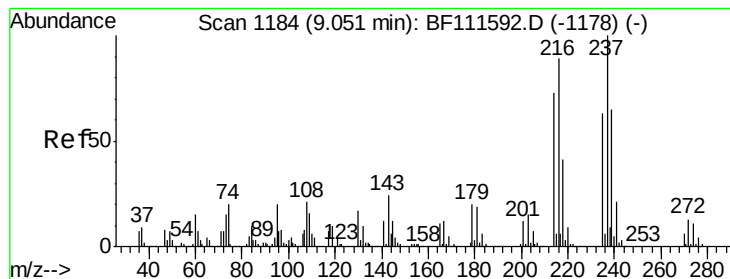
179 21.0 17.9 26.9

108 18.4 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: 46.728 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

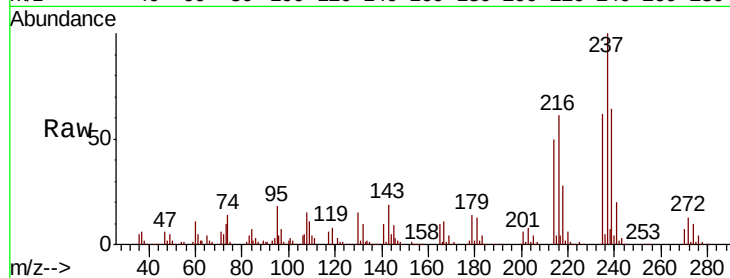
Tot Ion:237 Resp: 277454

Ion Ratio Lower Upper

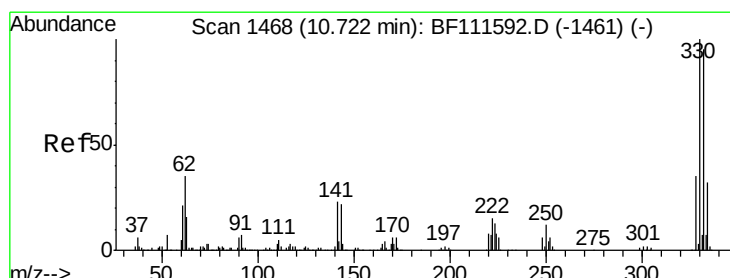
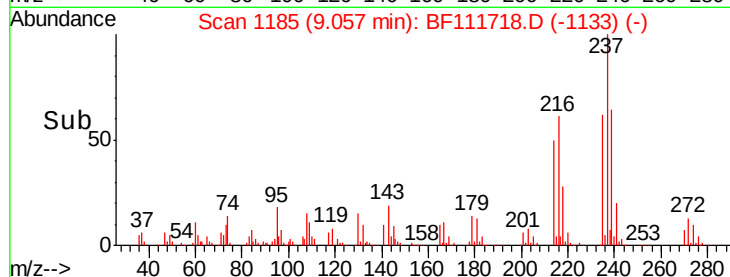
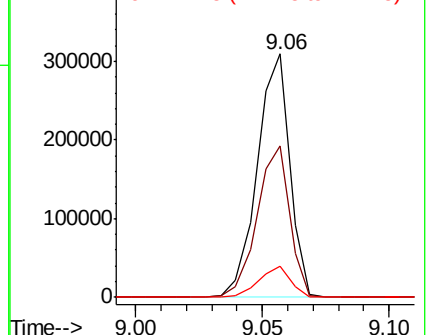
237 100

235 62.0 43.1 83.1

272 12.9 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: 83.959 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

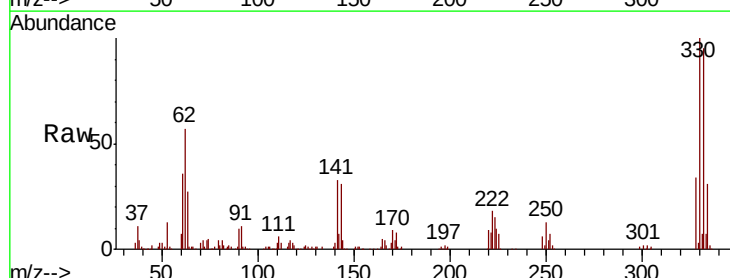
Tgt Ion:330 Resp: 369400

Ion Ratio Lower Upper

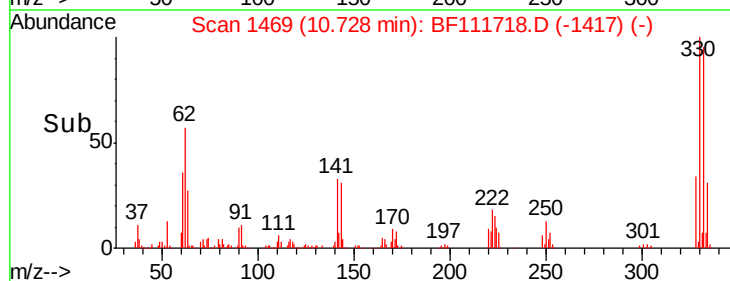
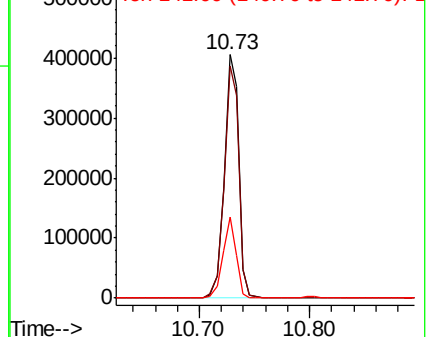
330 100

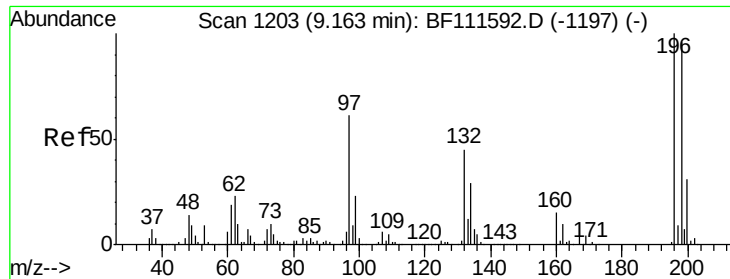
332 96.6 76.0 114.0

141 30.6 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

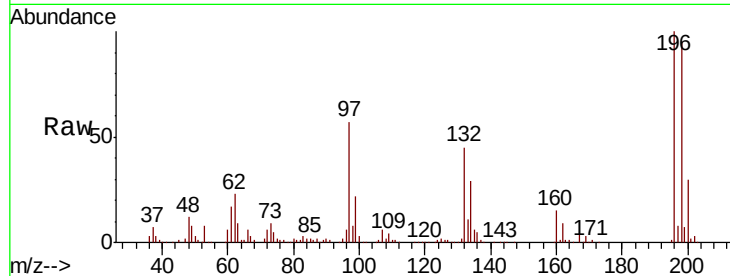




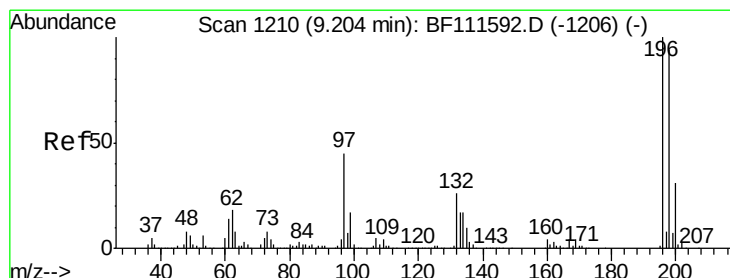
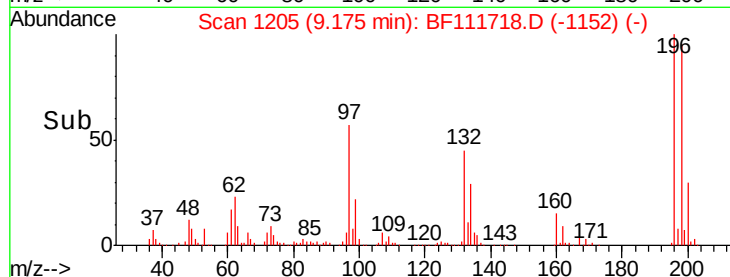
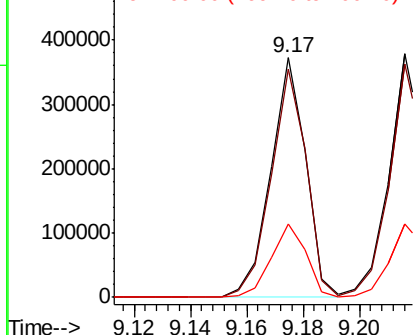
#43
 2,4,6-Trichlorophenol
 Concen: 39.168 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF111718.D
 Acq: 26 Dec 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 319971
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.3 114.5
 200 30.4 24.9 37.3



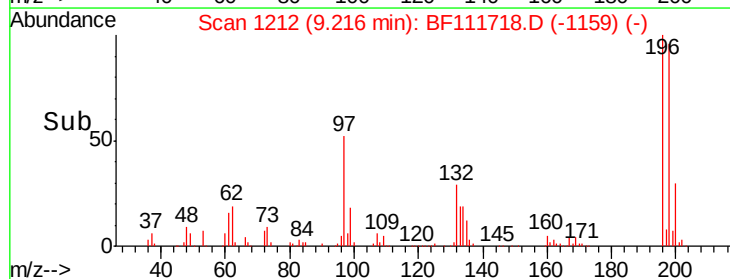
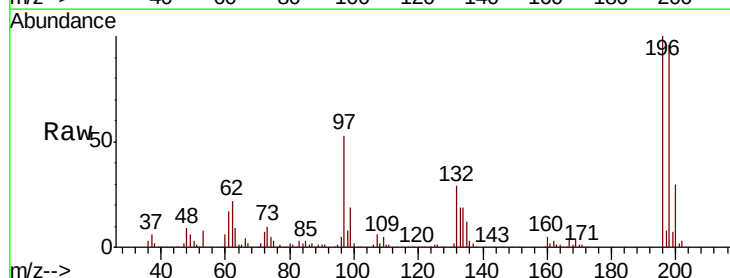
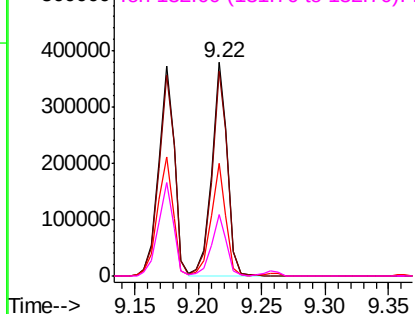
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

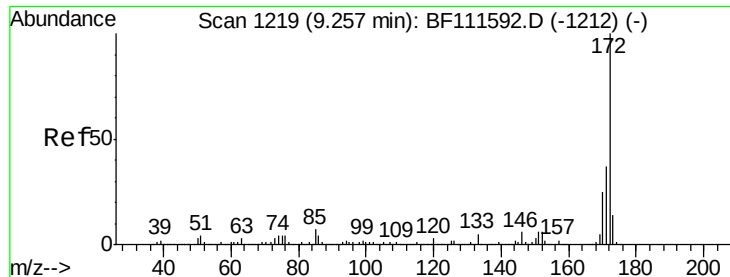


#44
 2,4,5-Trichlorophenol
 Concen: 39.299 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF111718.D
 Acq: 26 Dec 2018 17:21

Tgt Ion:196 Resp: 329355
 Ion Ratio Lower Upper
 196 100
 198 95.8 72.9 109.3
 97 52.7 45.3 67.9
 132 29.0 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

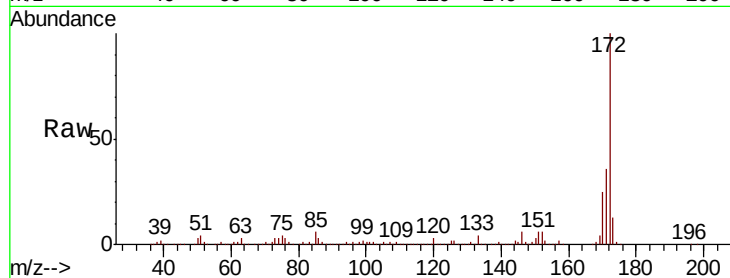




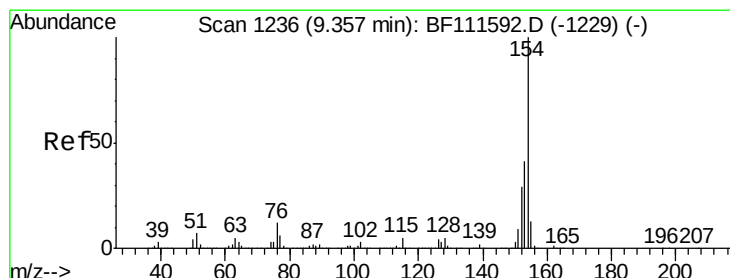
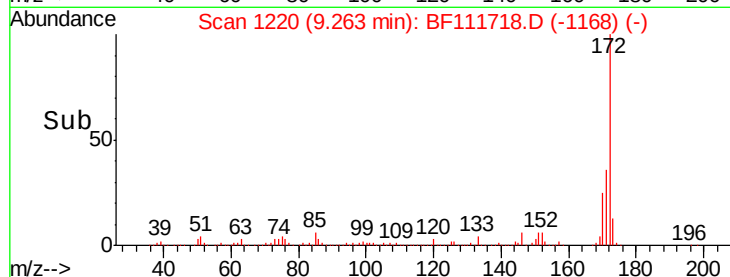
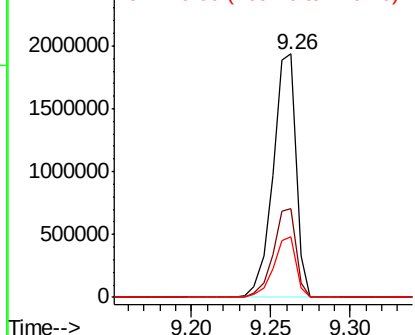
#45
2-Fluorobiphenyl
Concen: 76.660 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 1958402
Ion Ratio Lower Upper
172 100
171 36.4 33.0 49.4
170 25.0 22.3 33.5

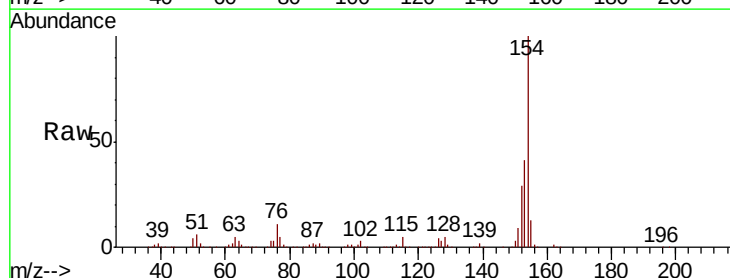


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

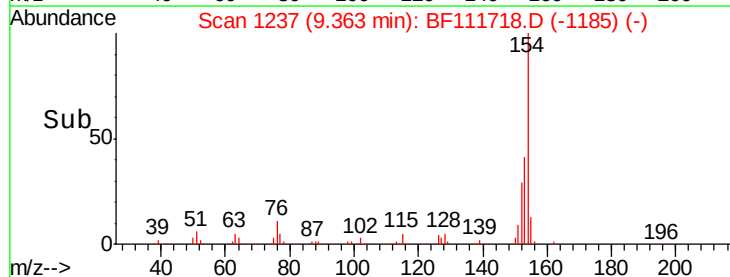
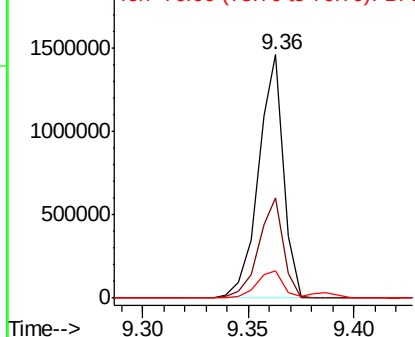


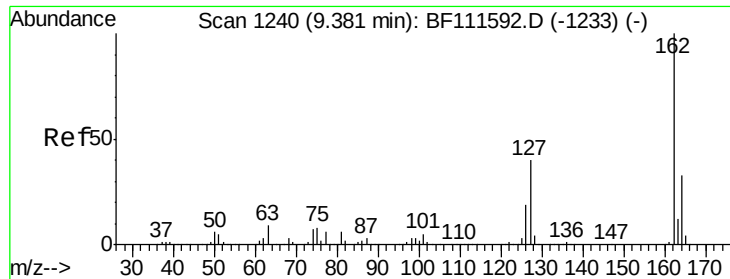
#46
1,1'-Biphenyl
Concen: 38.196 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:154 Resp: 1200611
Ion Ratio Lower Upper
154 100
153 41.0 23.7 63.7
76 11.3 0.0 35.0



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

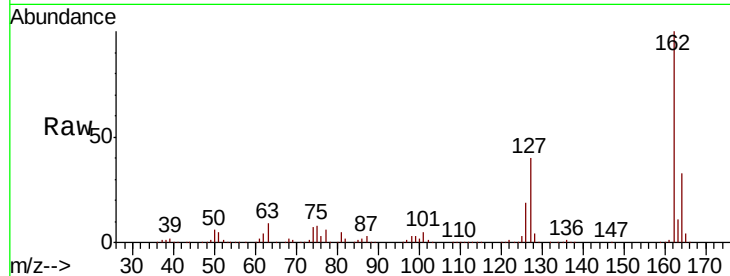




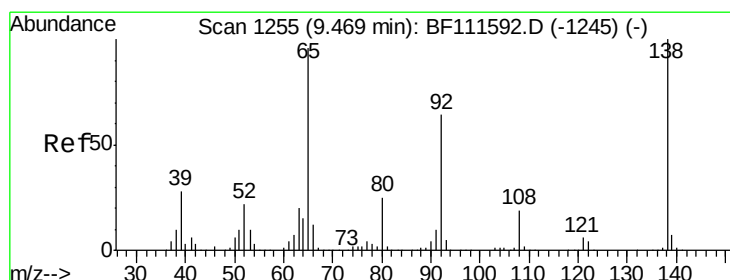
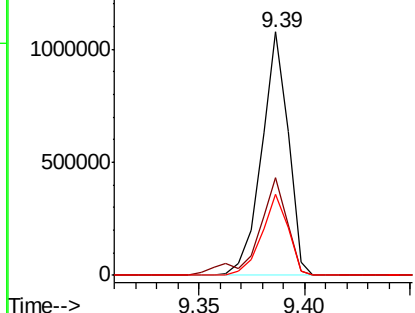
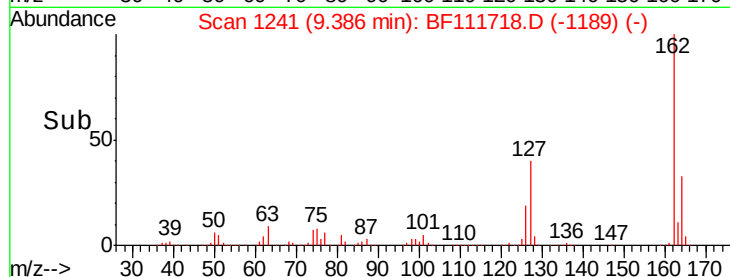
#47
 2-Chloronaphthalene
 Concen: 37.791 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111718.D
 Acq: 26 Dec 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 941141
 Ion Ratio Lower Upper
 162 100
 127 40.0 35.0 52.4
 164 33.4 28.4 42.6

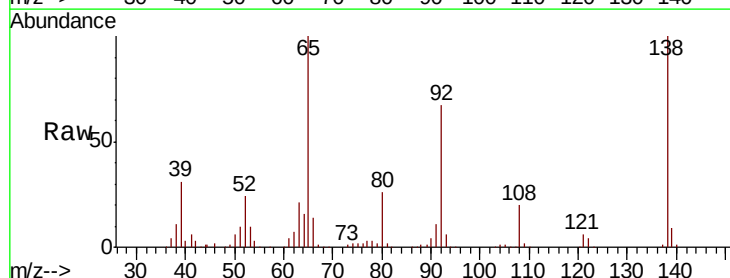


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

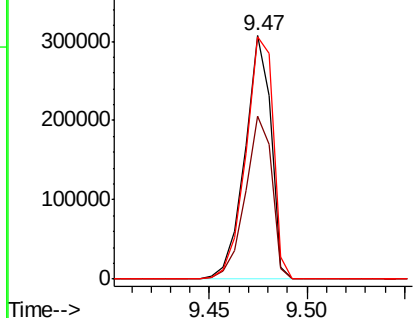
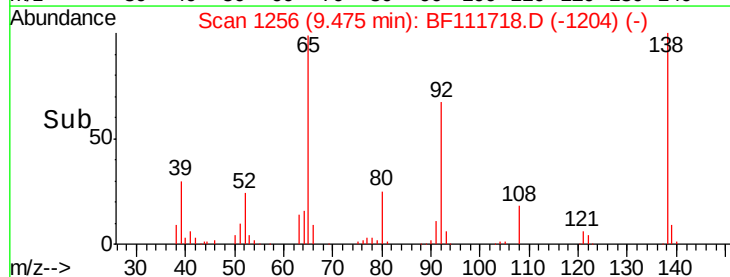


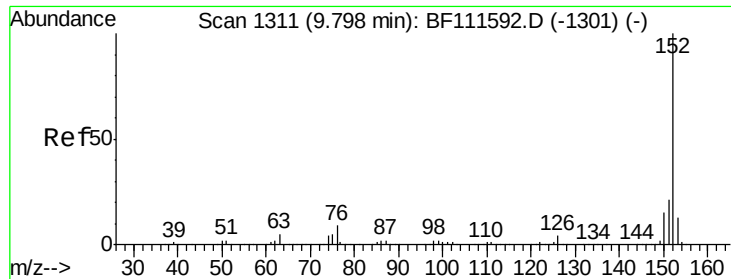
#48
 2-Nitroaniline
 Concen: 43.755 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF111718.D
 Acq: 26 Dec 2018 17:21

Tgt Ion: 65 Resp: 283480
 Ion Ratio Lower Upper
 65 100
 92 67.1 53.5 80.3
 138 99.6 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: 38.351 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

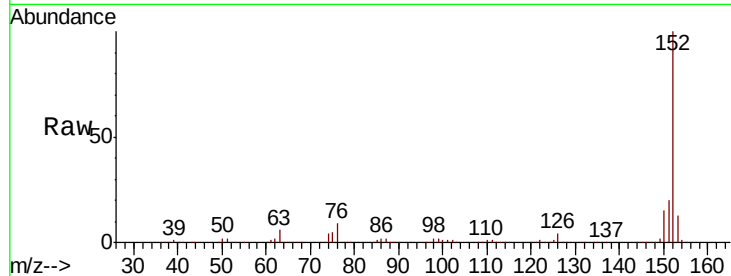
Tot Ion:152 Resp: 1394512

Ion Ratio Lower Upper

152 100

151 20.5 18.0 27.0

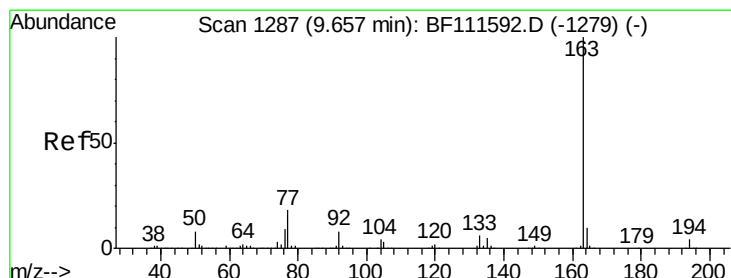
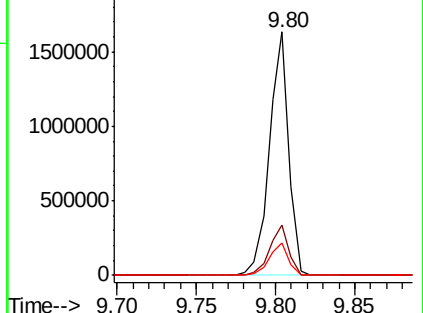
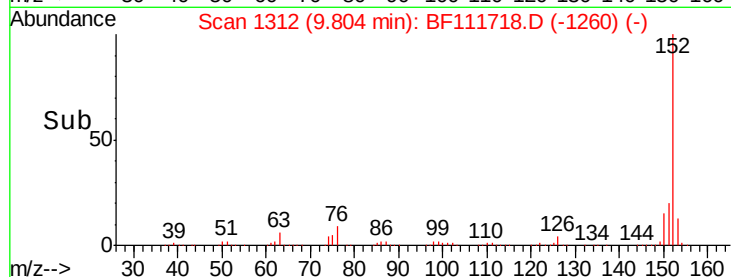
153 13.3 12.3 18.5



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: 39.035 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

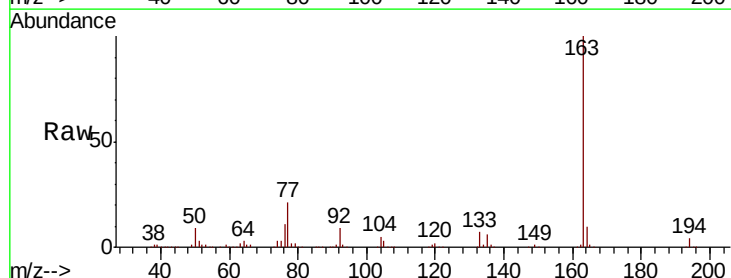
Tgt Ion:163 Resp: 1062920

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

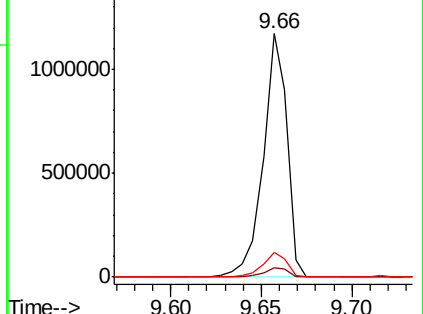
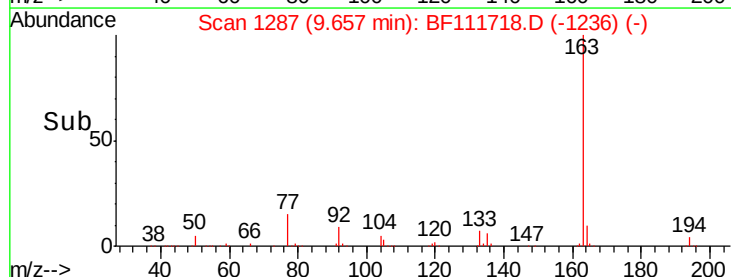
164 10.2 8.9 13.3

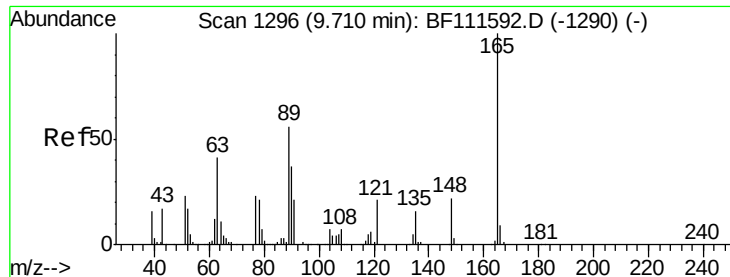


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

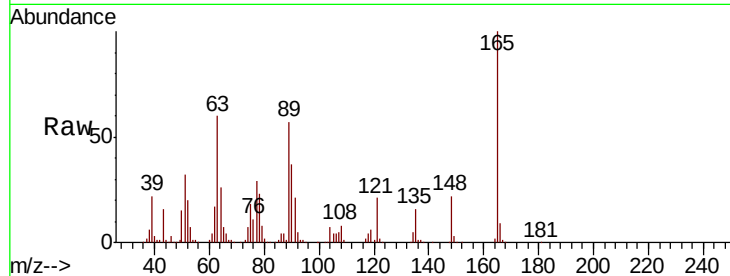




#51
 2,6-Dinitrotoluene
 Concen: 44.058 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF111718.D
 Acq: 26 Dec 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	165	Resp	239220
Ion	Ratio	Lower	Upper
165	100		
63	60.0	40.5	60.7
89	57.4	40.0	60.0

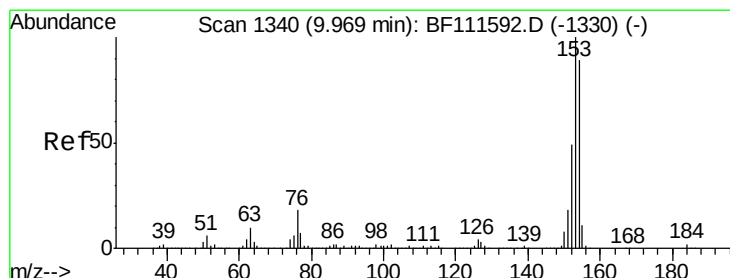
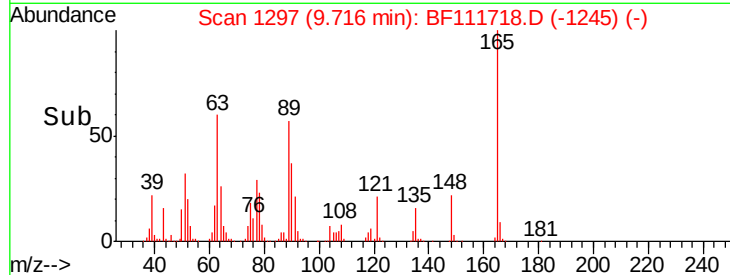
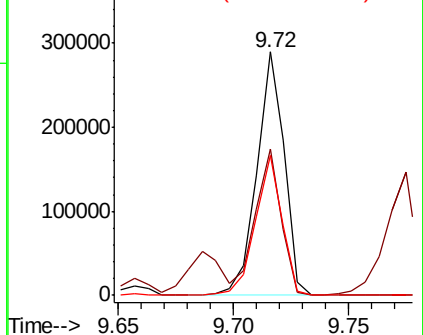


Abundance

Ion 165.00 (164.70 to 165.70): E

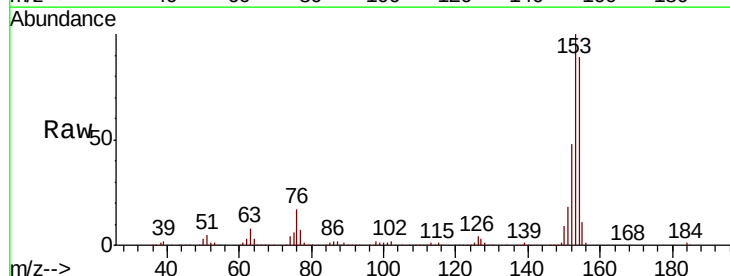
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 39.447 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF111718.D
 Acq: 26 Dec 2018 17:21

Tgt Ion	154	Resp	884644
Ion	Ratio	Lower	Upper
154	100		
153	112.9	87.8	131.8
152	54.3	43.4	65.2

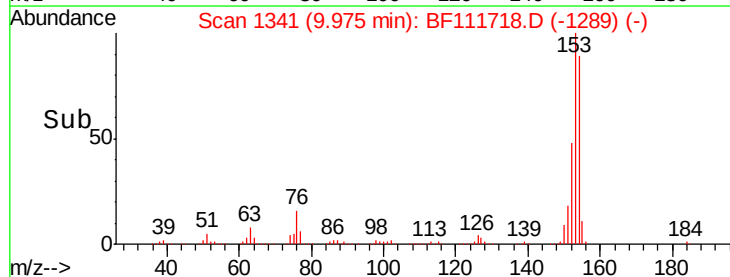
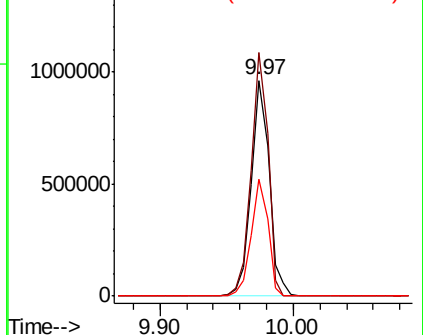


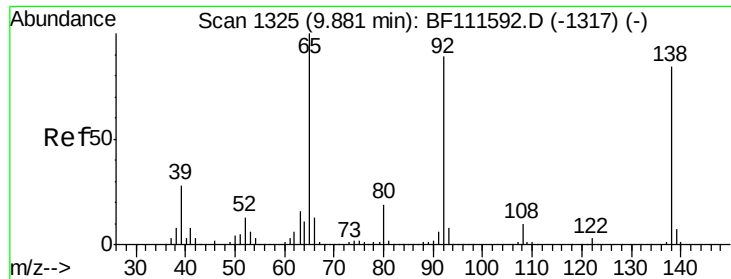
Abundance

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

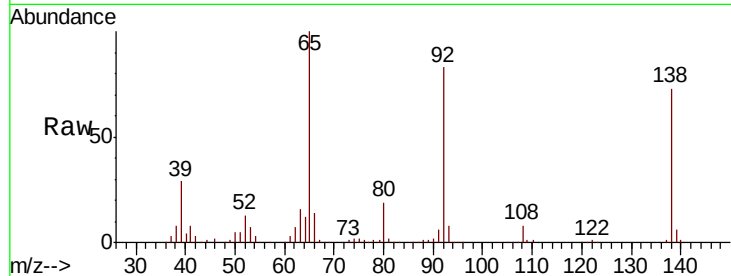




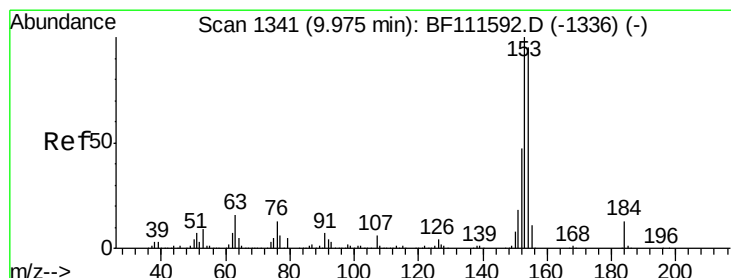
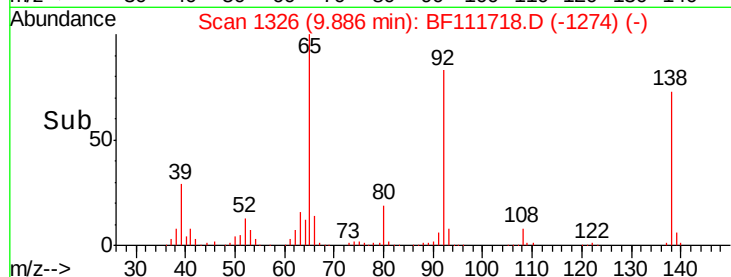
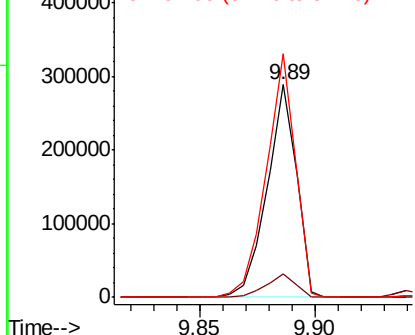
#53
3-Nitroaniline
Concen: 44.308 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 256569
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.4
92 114.6 93.4 140.2

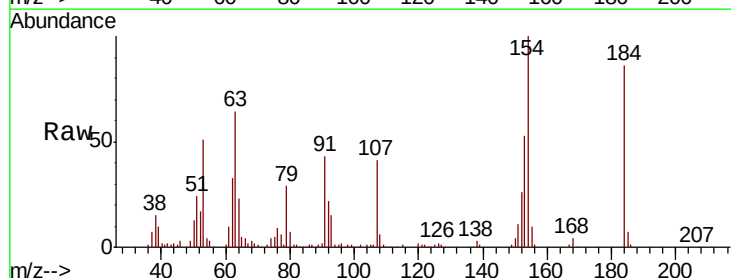


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

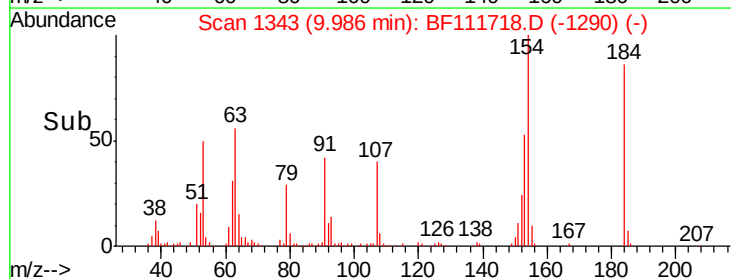
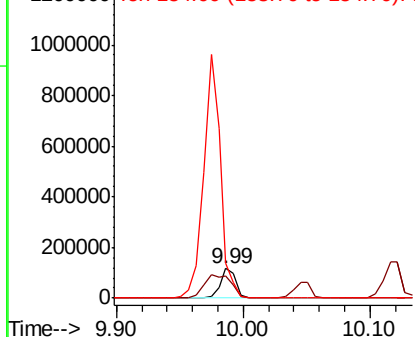


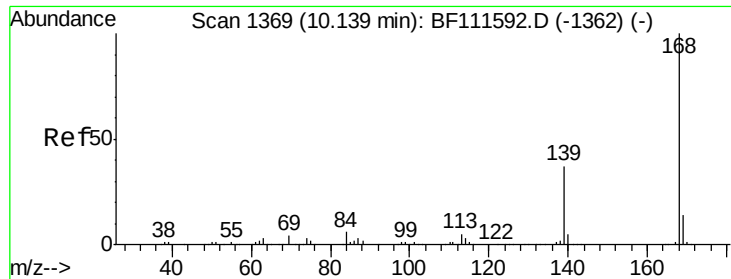
#54
2,4-Dinitrophenol
Concen: 60.016 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:184 Resp: 101077
Ion Ratio Lower Upper
184 100
63 74.9 62.3 93.5
154 116.6 56.2 84.2#



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

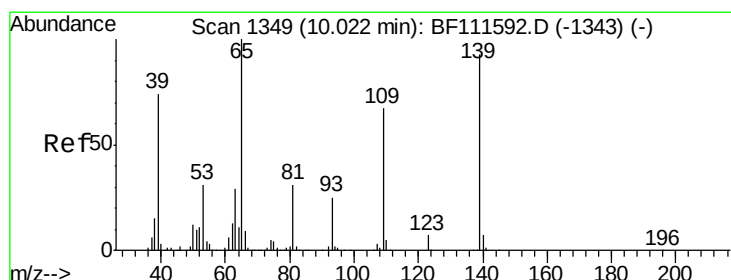
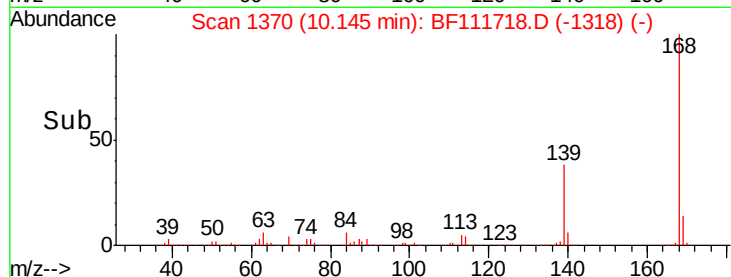
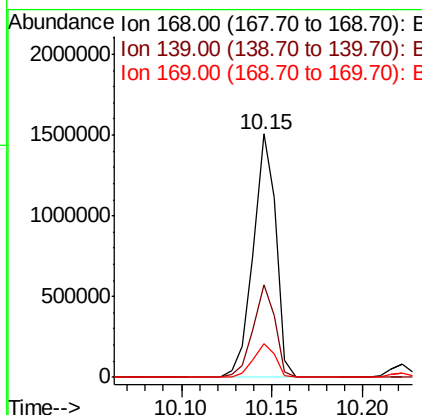
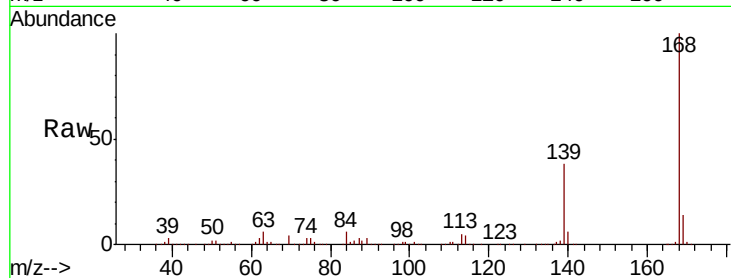




#55
Dibenzofuran
Concen: 38.616 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

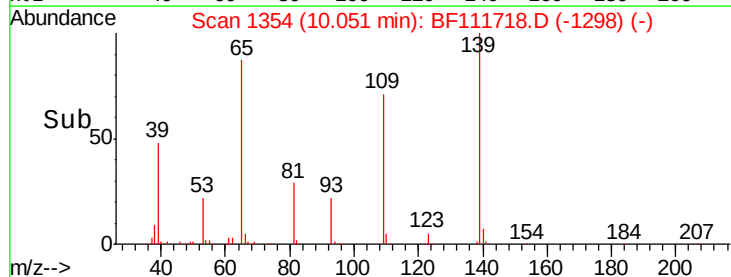
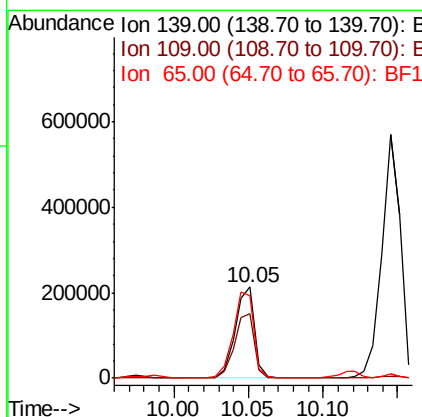
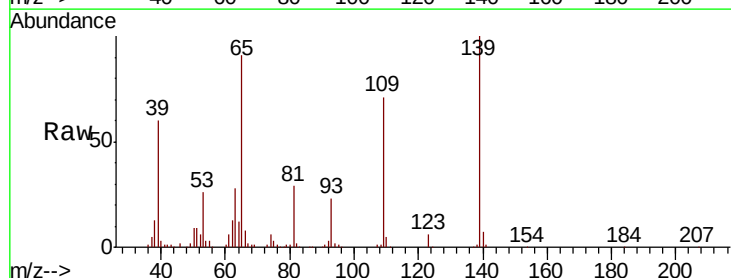
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

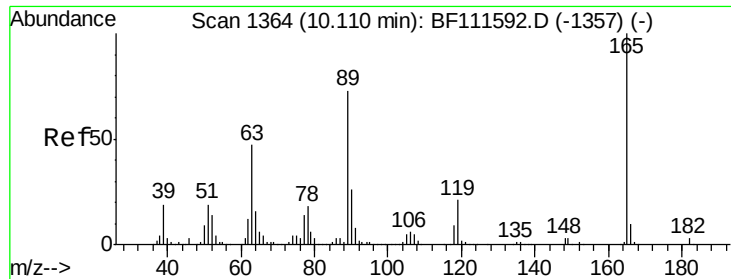
Tot Ion:168 Resp: 1308371
Ion Ratio Lower Upper
168 100
139 37.8 32.6 49.0
169 13.7 11.8 17.6



#56
4-Nitrophenol
Concen: 44.129 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.03 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:139 Resp: 195011
Ion Ratio Lower Upper
139 100
109 71.5 41.8 81.8
65 91.4 79.6 119.6

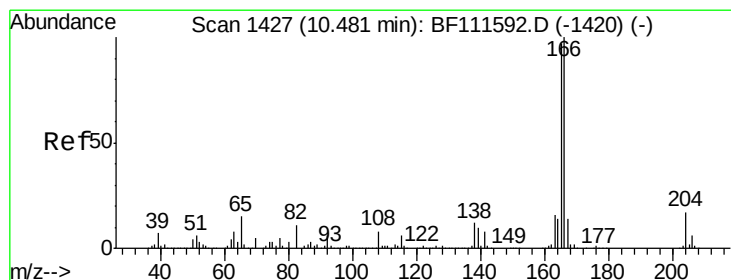
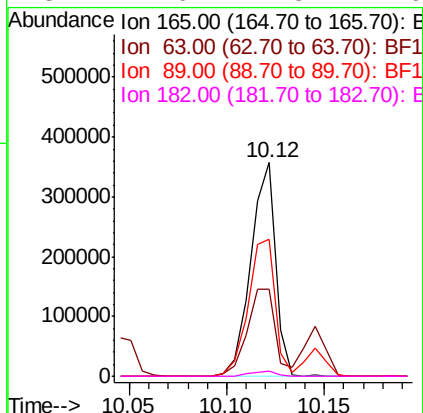
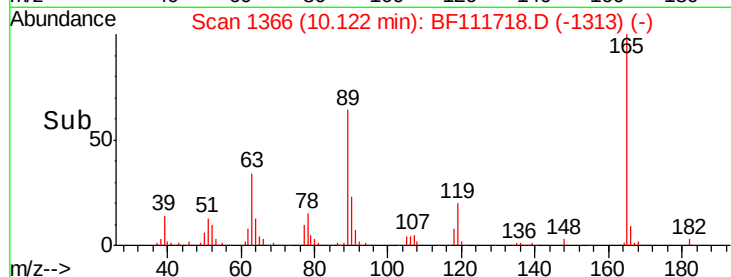
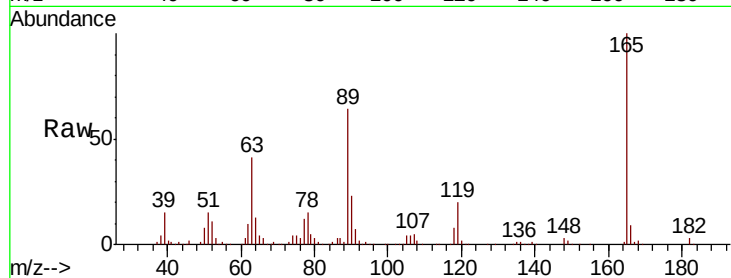




#57
2,4-Dinitrotoluene
Concen: 48.180 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

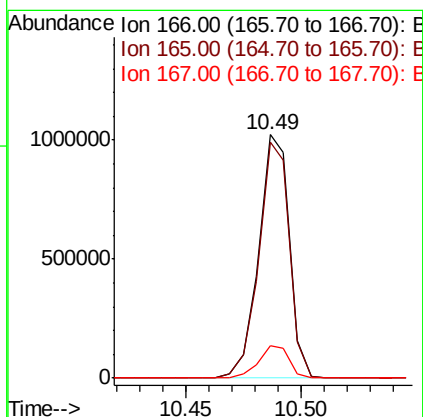
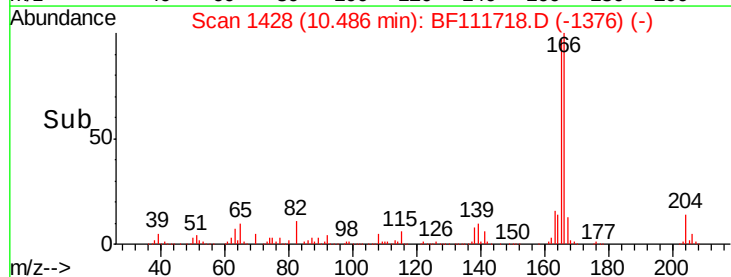
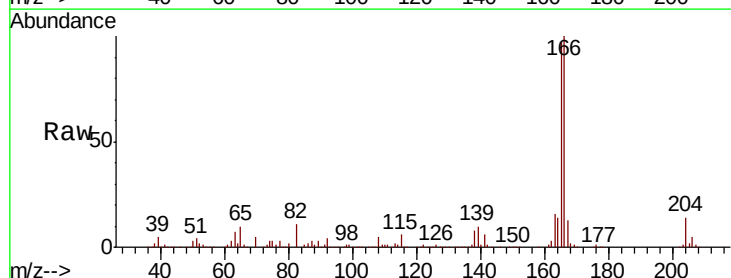
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

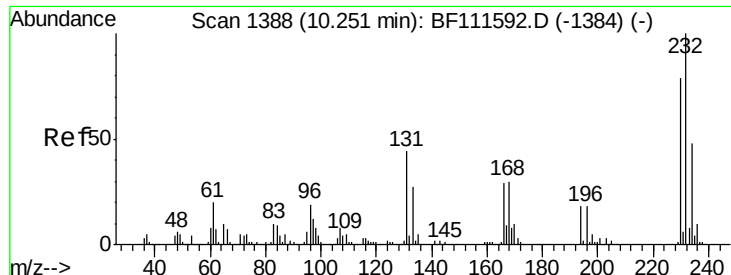
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	34.6	52.0
89	64.1	56.2	84.4
182	2.6	1.8	2.6#



#58
Fluorene
Concen: 38.736 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.4	117.6
167	13.4	11.2	16.8

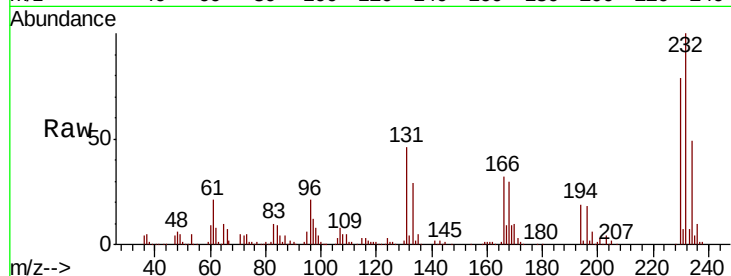




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.699 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	40.9	61.3
130	2.1	2.0	3.0
166	29.7	26.8	40.2



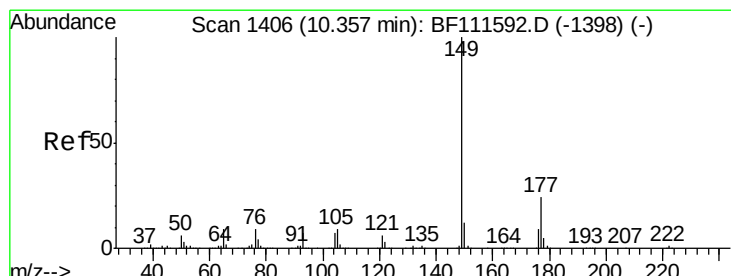
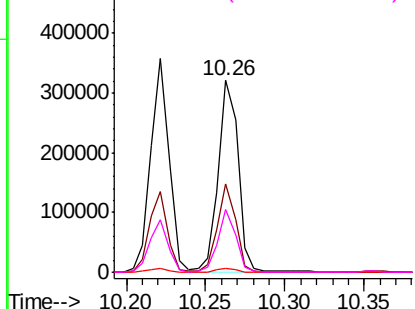
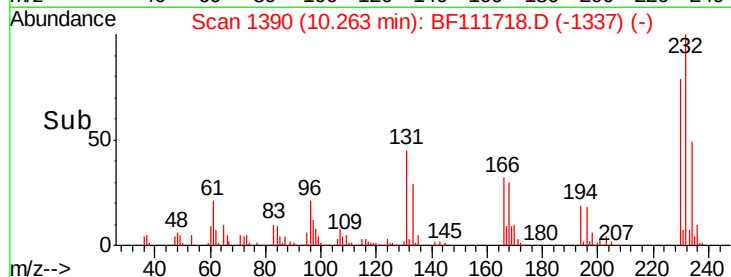
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

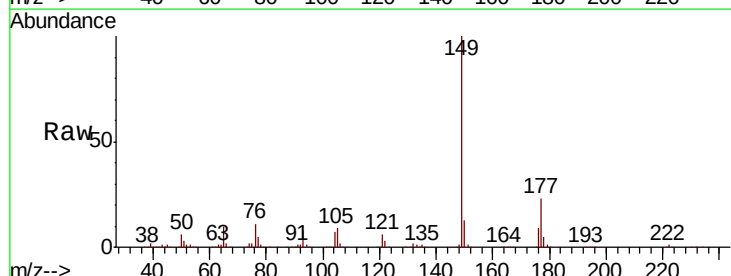
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.837 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	13.1	10.6	15.8

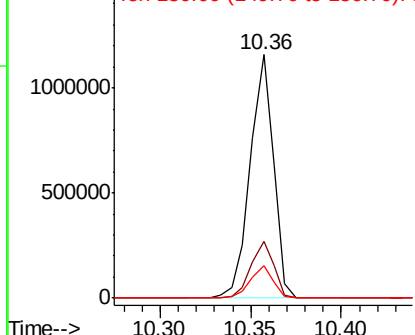
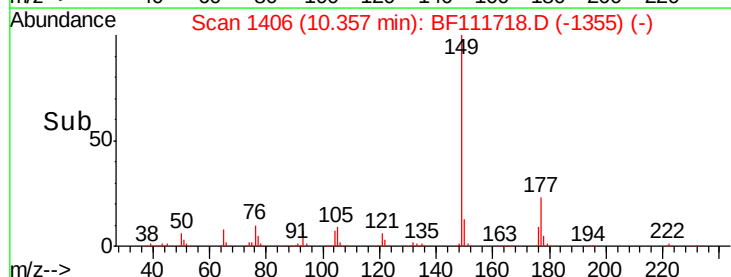


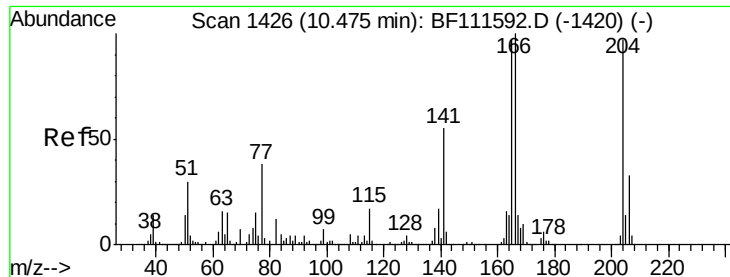
Abundance

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

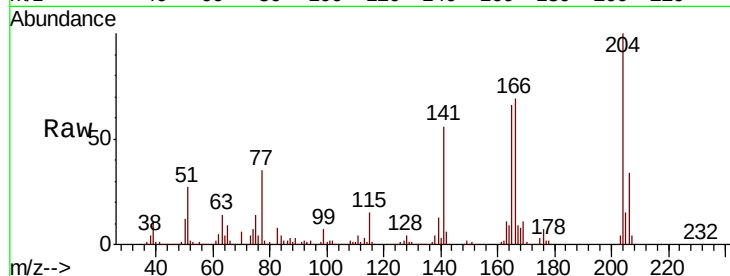




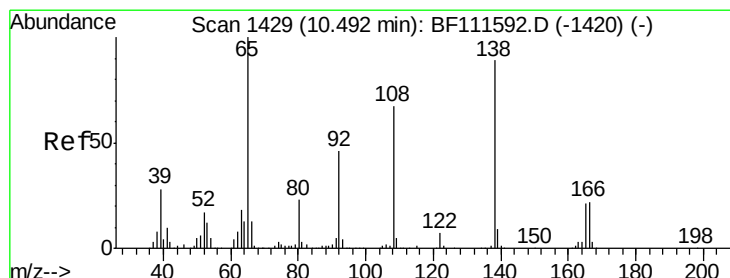
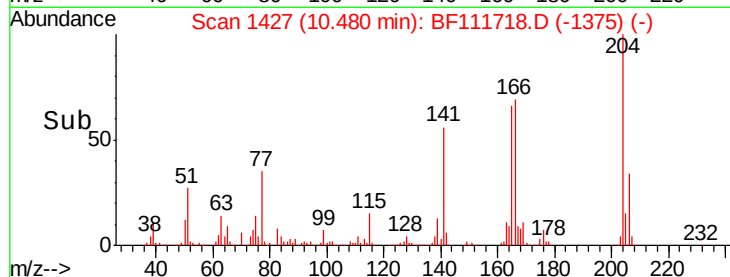
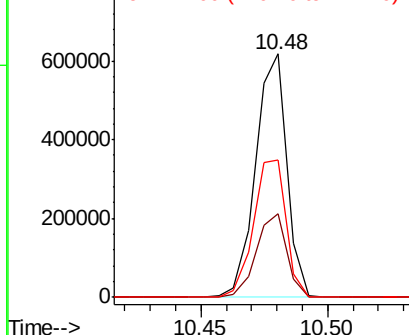
#61
4-Chlorophenyl-phenylether
Concen: 39.200 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 528762
Ion Ratio Lower Upper
204 100
206 34.4 26.6 39.8
141 56.2 52.6 78.8

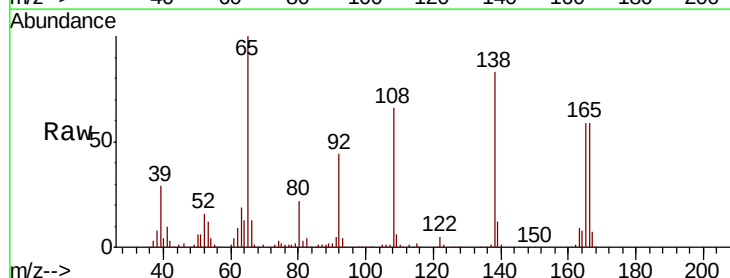


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

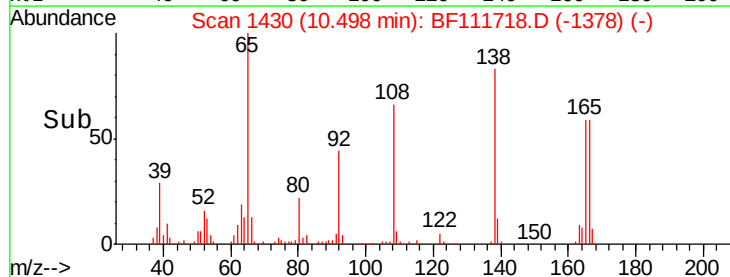
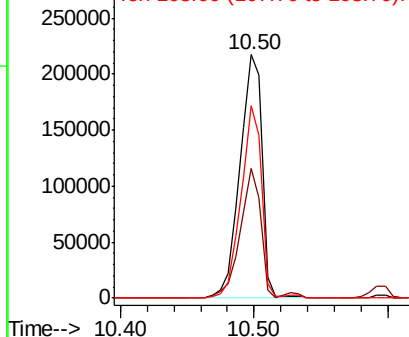


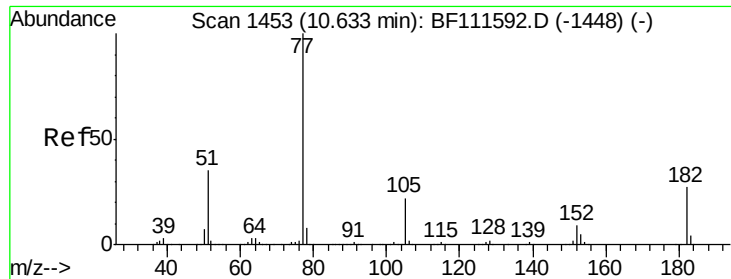
#62
4-Nitroaniline
Concen: 44.496 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:138 Resp: 250428
Ion Ratio Lower Upper
138 100
92 53.1 29.9 69.9
108 79.2 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: 37.990 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1018722

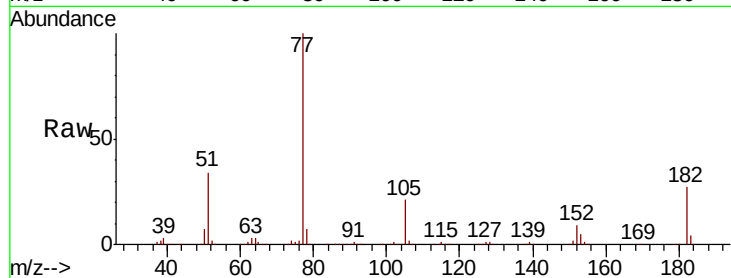
Ion Ratio Lower Upper

77 100

182 27.3 4.9 44.9

105 21.3 6.0 46.0

51 33.8 14.7 54.7

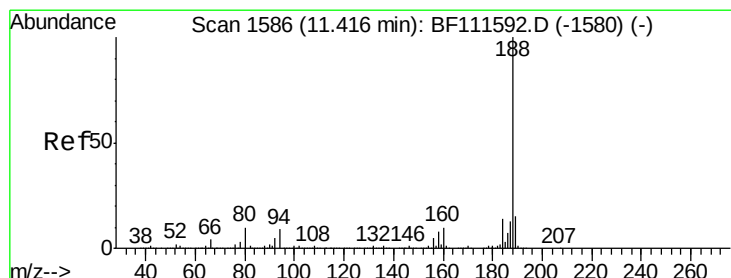
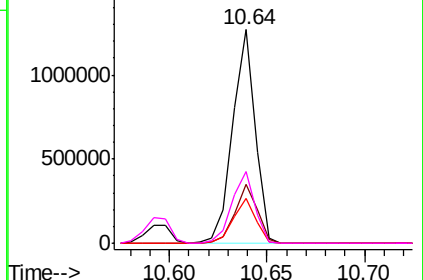
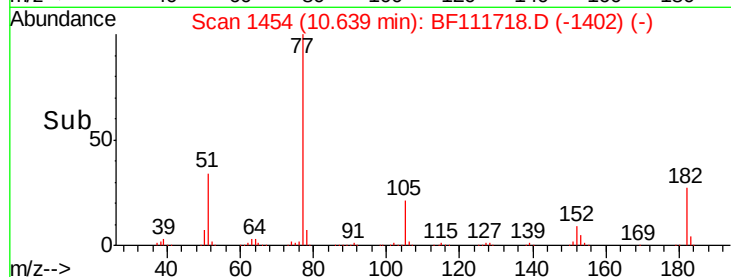


Abundance Ion 77.00 (76.70 to 77.70): BF1

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. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

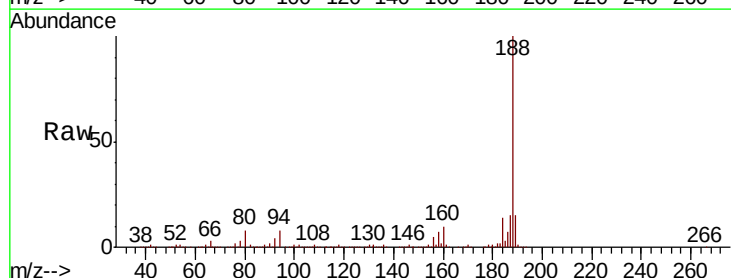
Tgt Ion: 188 Resp: 706202

Ion Ratio Lower Upper

188 100

94 8.1 9.6 14.4#

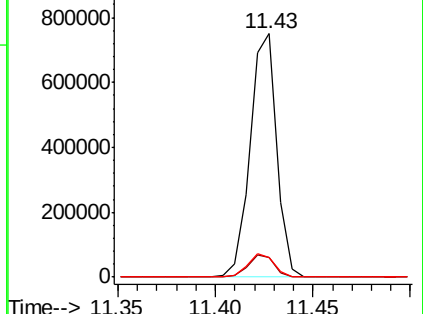
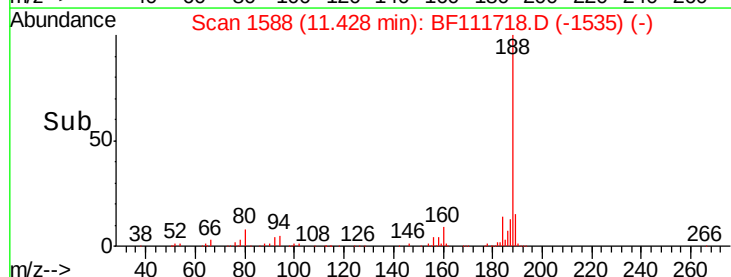
80 8.2 9.8 14.6#

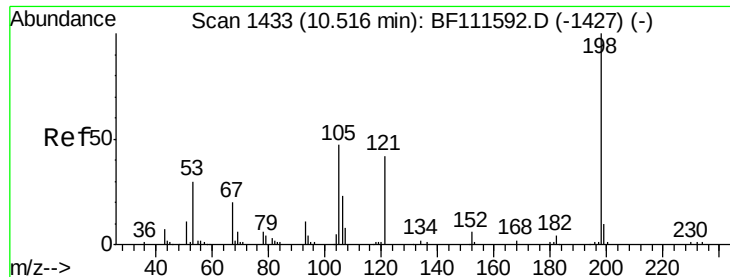


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

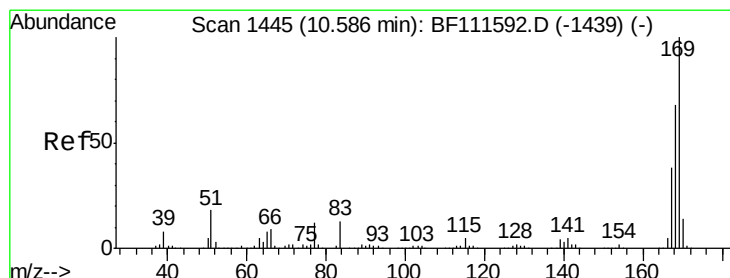
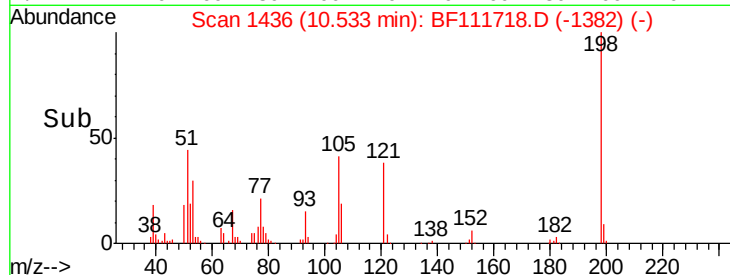
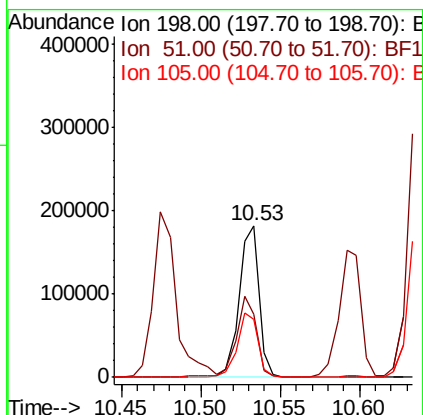
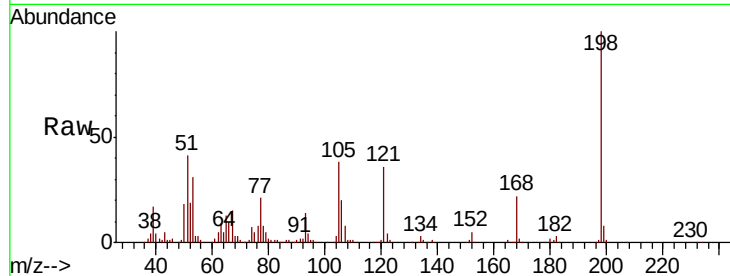




#65
4,6-Dinitro-2-methylphenol
Concen: 53.503 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.02 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

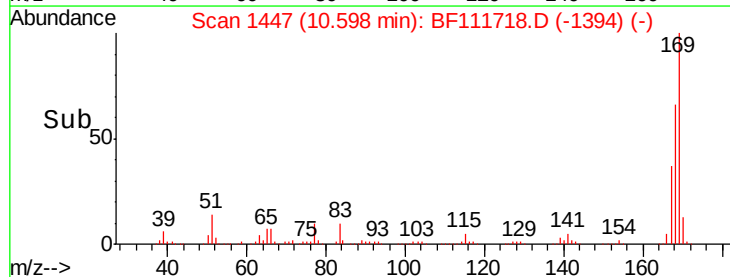
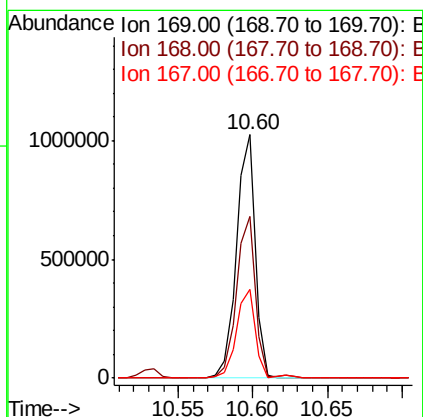
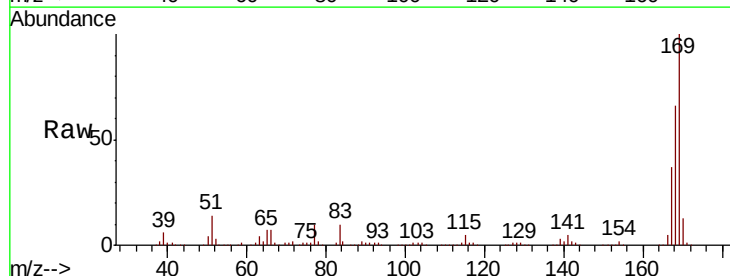
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

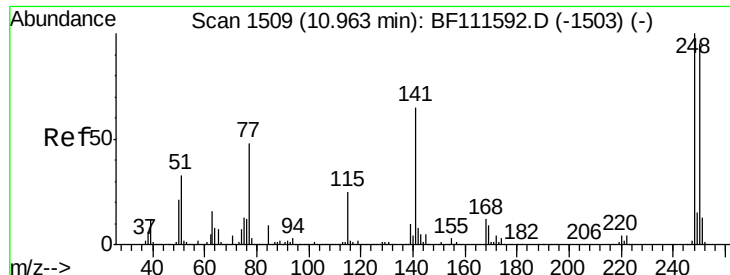
Tot Ion:198 Resp: 158760
Ion Ratio Lower Upper
198 100
51 41.2 48.0 88.0#
105 38.3 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 38.304 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:169 Resp: 908034
Ion Ratio Lower Upper
169 100
168 66.4 54.4 81.6
167 36.7 30.5 45.7

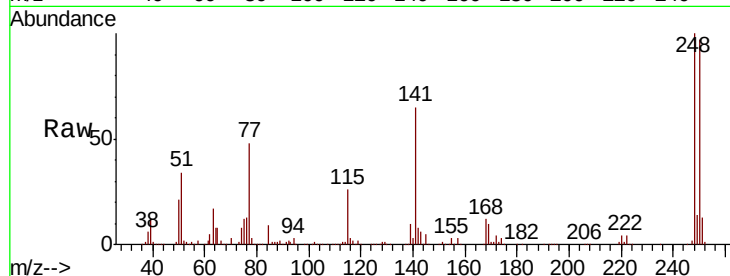




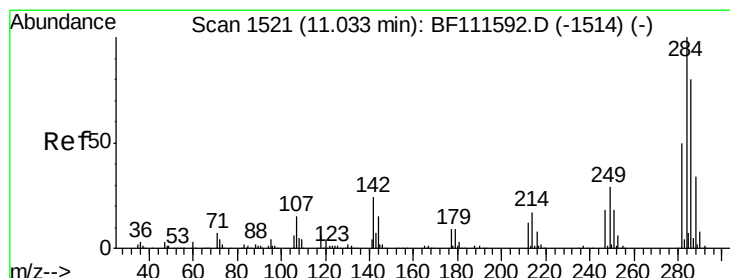
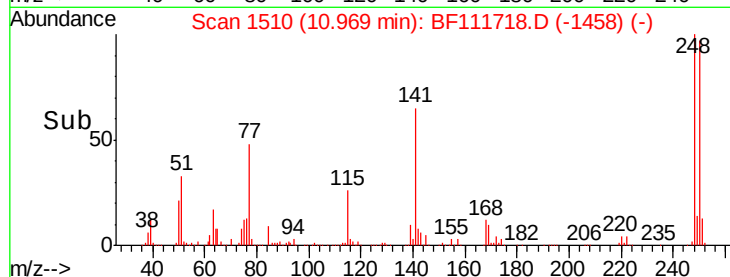
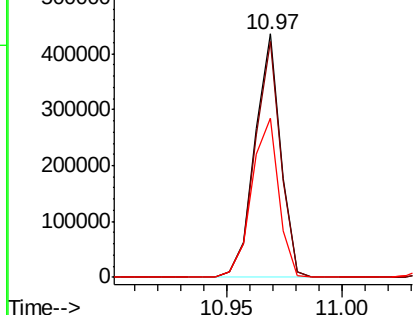
#67
4-Bromophenyl-phenylether
Concen: 38.768 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 339576
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.4
141 65.3 63.0 94.6

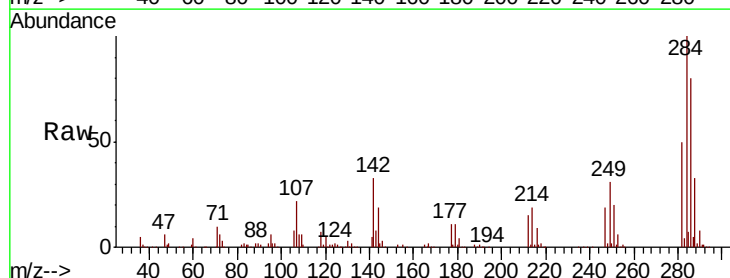


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

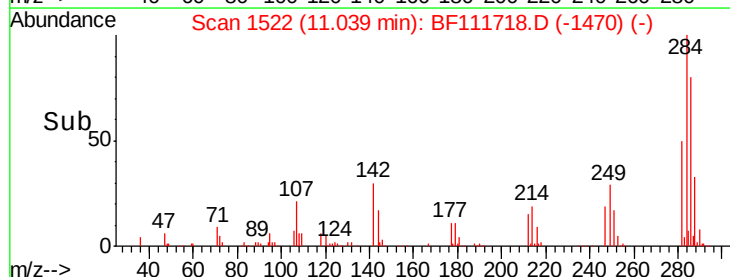
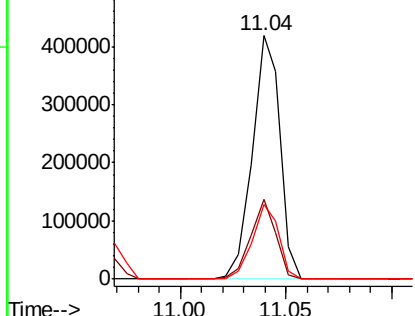


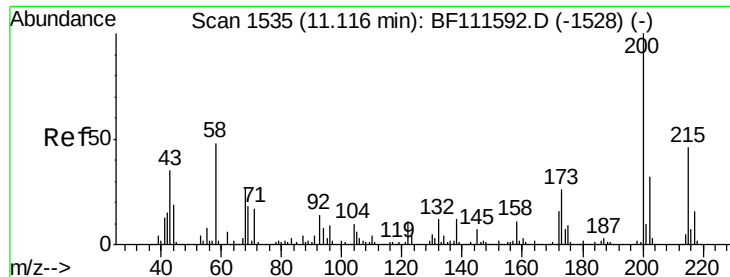
#68
Hexachlorobenzene
Concen: 39.032 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:284 Resp: 381200
Ion Ratio Lower Upper
284 100
142 32.8 27.4 41.2
249 30.8 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: 38.664 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

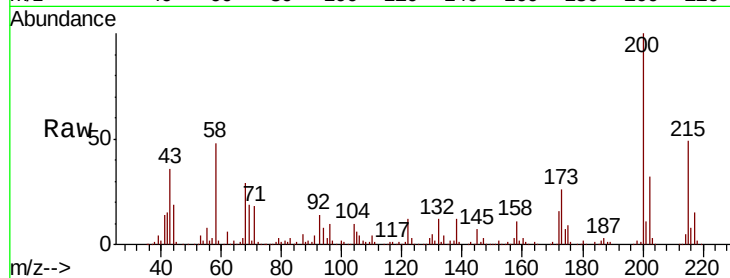
Tot Ion:200 Resp: 318416

Ion Ratio Lower Upper

200 100

173 25.6 10.1 50.1

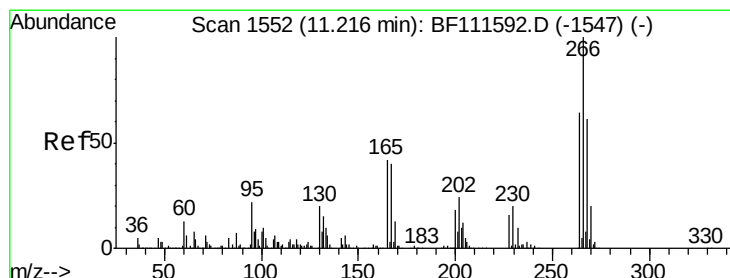
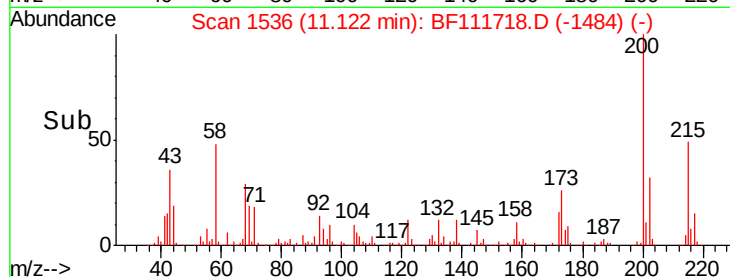
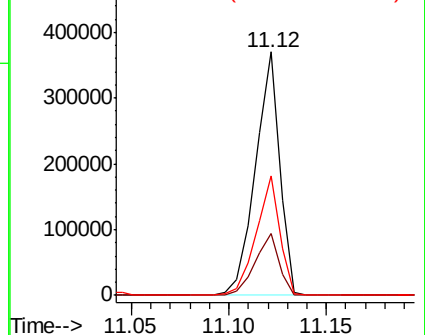
215 48.8 26.9 66.9



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: 39.208 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.02 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

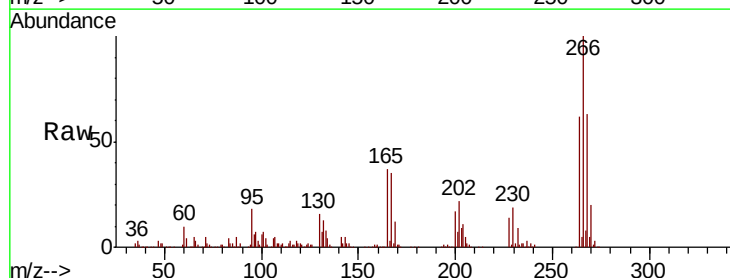
Tgt Ion:266 Resp: 236727

Ion Ratio Lower Upper

266 100

268 63.3 47.9 71.9

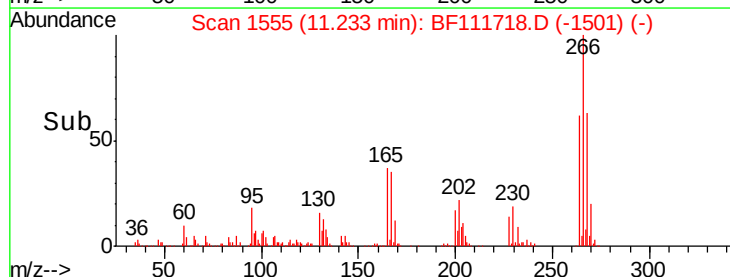
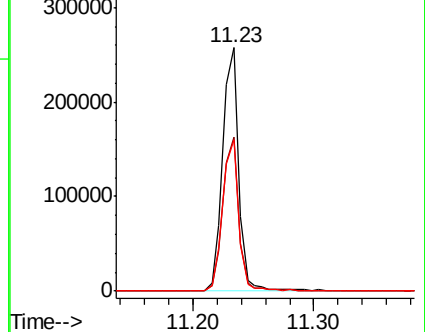
264 62.3 49.1 73.7

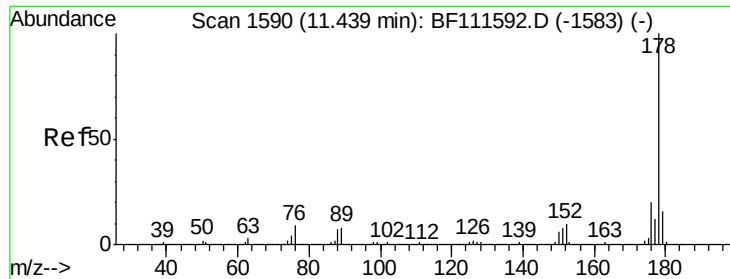


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

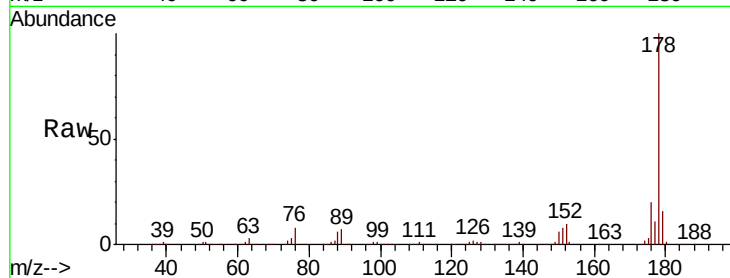




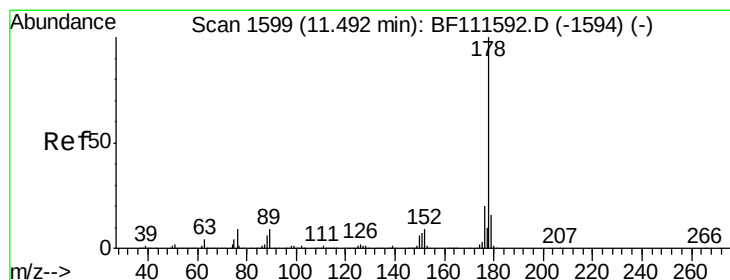
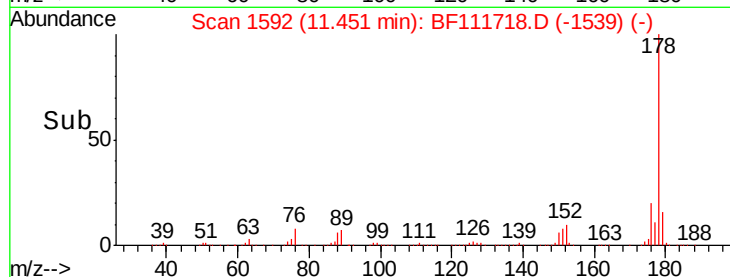
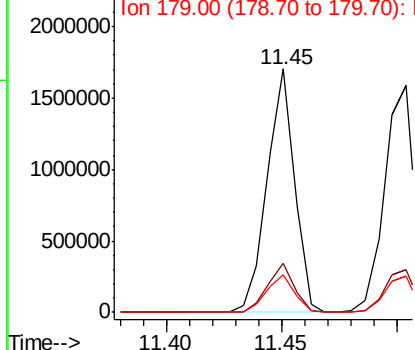
#71
Phenanthrene
Concen: 37.709 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 1412292
Ion Ratio Lower Upper
178 100
176 20.1 18.1 27.1
179 15.5 14.0 21.0

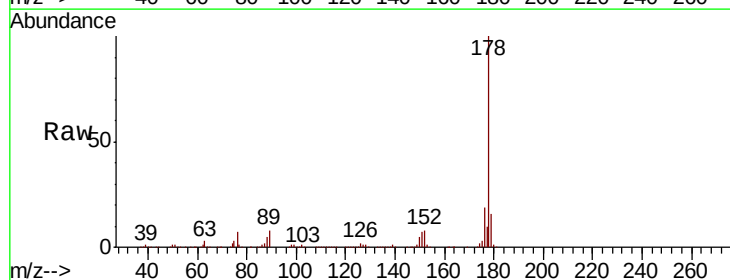


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

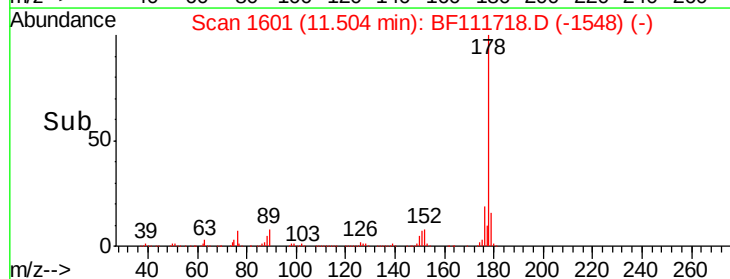
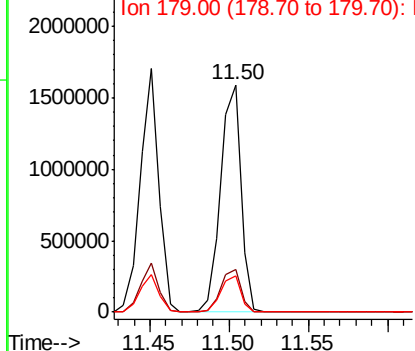


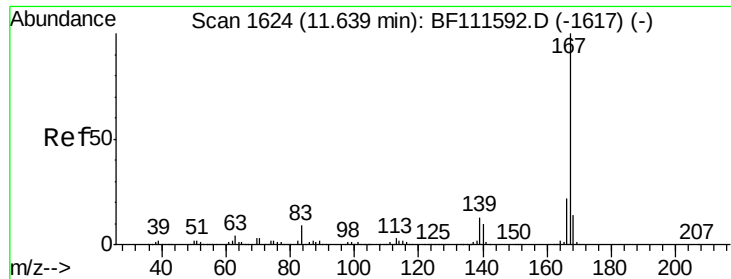
#72
Anthracene
Concen: 37.656 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:178 Resp: 1415604
Ion Ratio Lower Upper
178 100
176 19.0 17.2 25.8
179 15.9 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

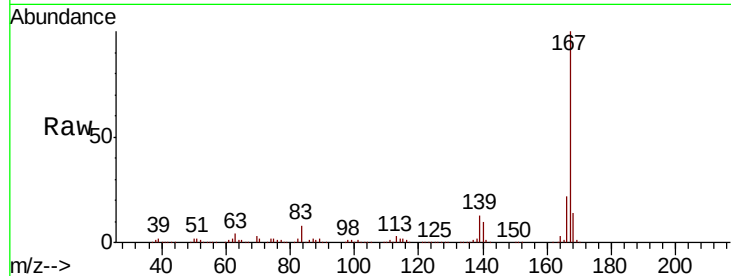




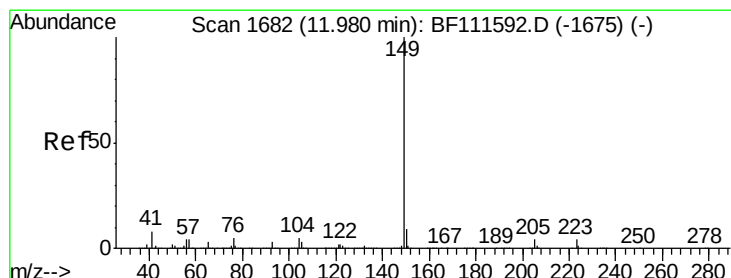
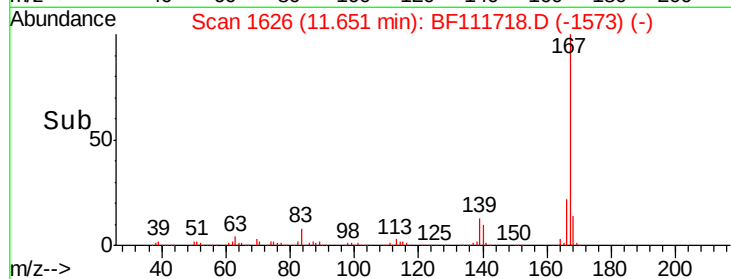
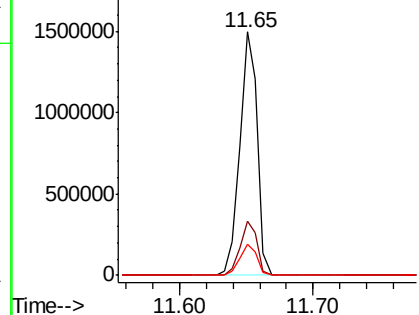
#73
 Carbazole
 Concen: 37.555 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF111718.D
 Acq: 26 Dec 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:167 Resp: 1370664
 Ion Ratio Lower Upper
 167 100
 166 22.0 19.3 28.9
 139 12.8 11.9 17.9

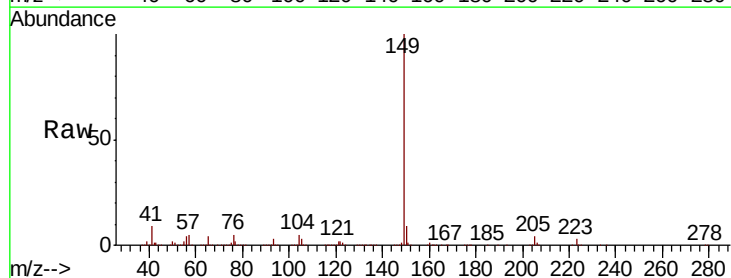


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

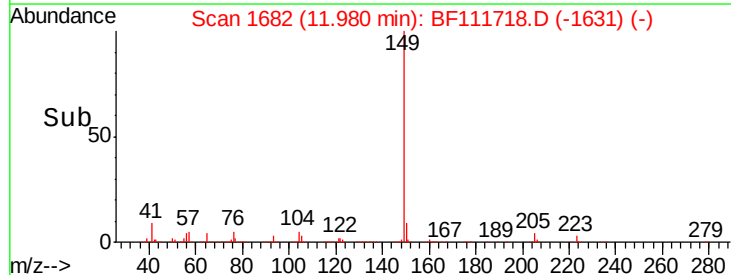
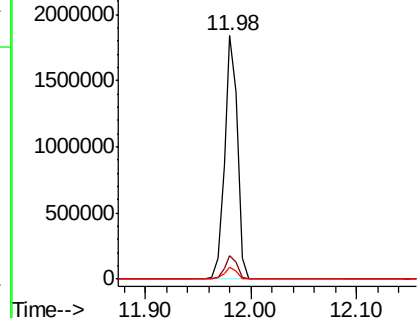


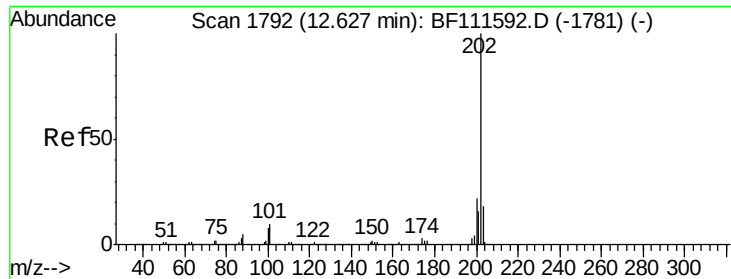
#74
 Di-n-butylphthalate
 Concen: 38.564 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111718.D
 Acq: 26 Dec 2018 17:21

Tgt Ion:149 Resp: 1578090
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.8 13.2
 104 5.0 4.5 6.7



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





#75

Fluoranthene

Concen: 37.234 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

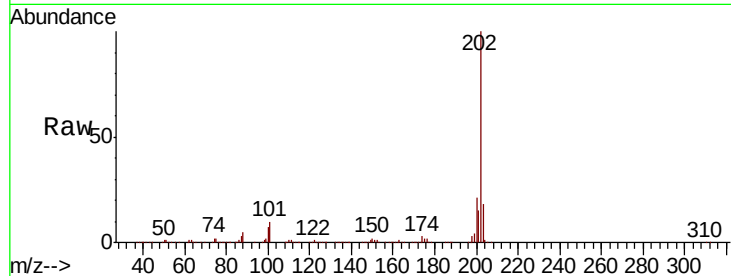
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1412143

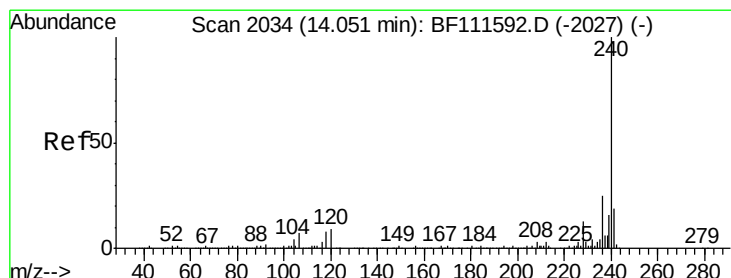
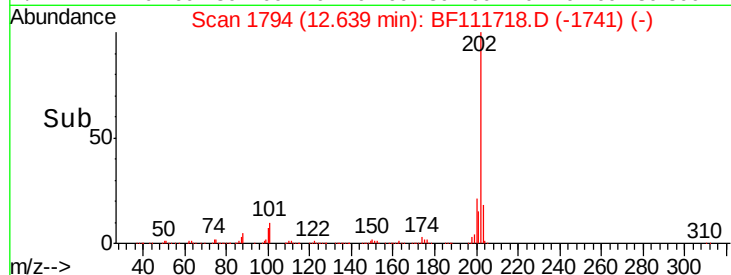
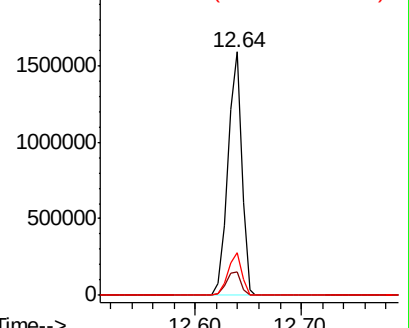
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	33.8
203	17.6	0.0	38.6



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

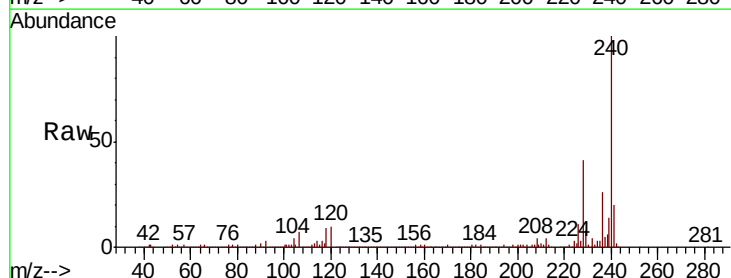
Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Tgt Ion:240 Resp: 497011

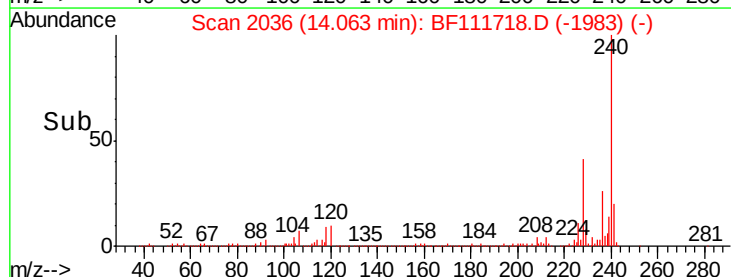
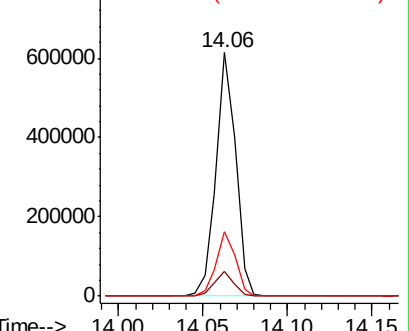
Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.2	18.2#
236	26.4	20.2	30.2

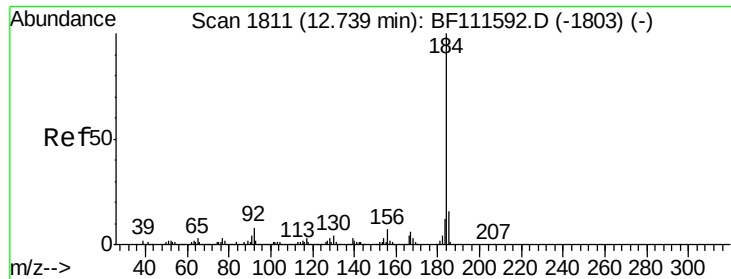


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.047 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

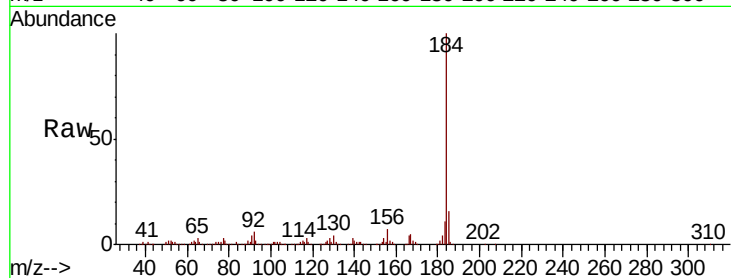
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 618059

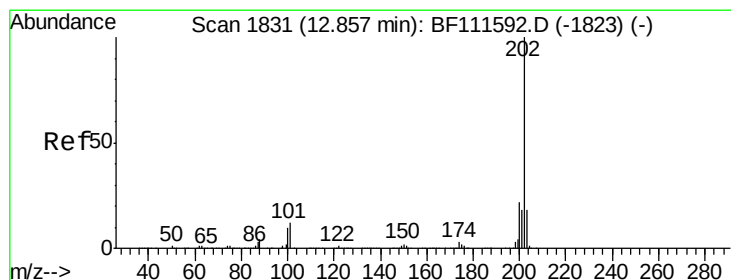
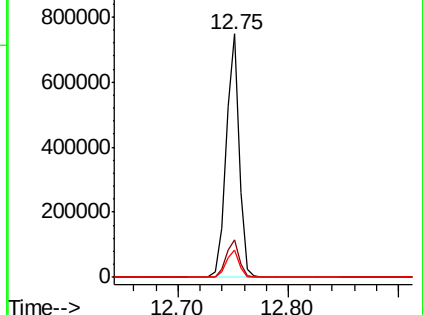
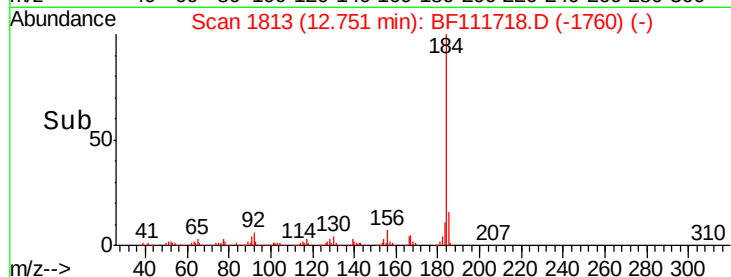
Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.0	19.6
183	11.4	9.3	13.9



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: 40.303 ng

RT: 12.87 min Scan# 1833

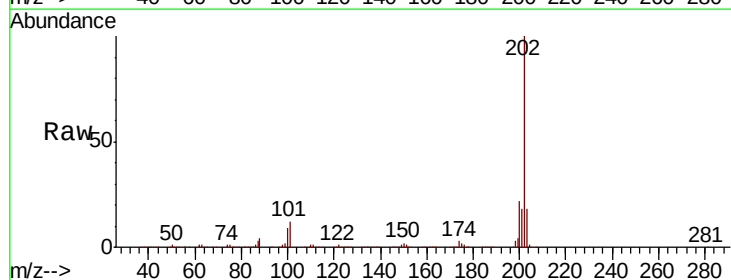
Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Tgt Ion:202 Resp: 1414545

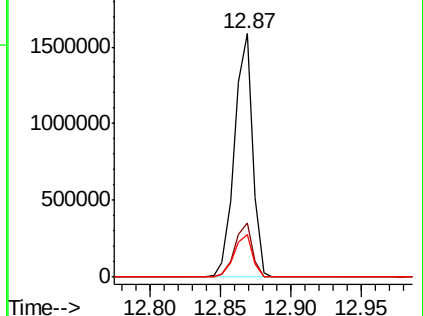
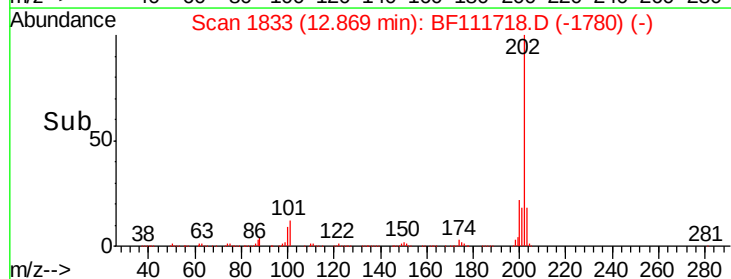
Ion	Ratio	Lower	Upper
202	100		
200	22.1	19.0	28.4
203	17.6	15.2	22.8

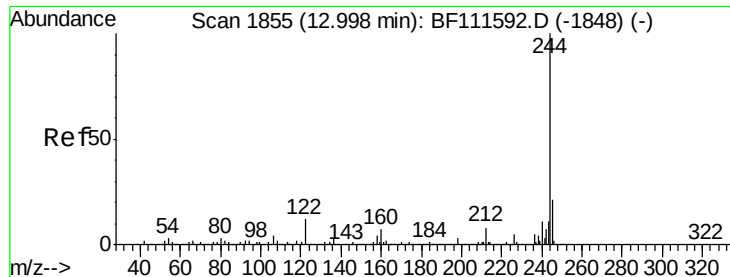


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.343 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

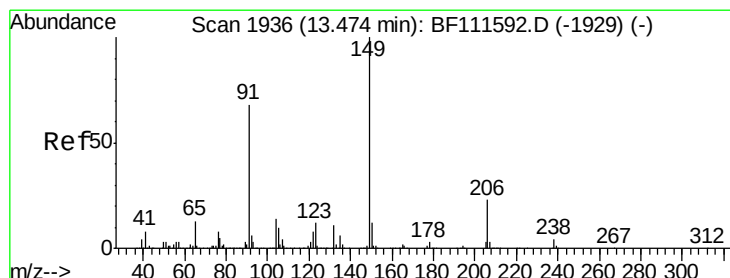
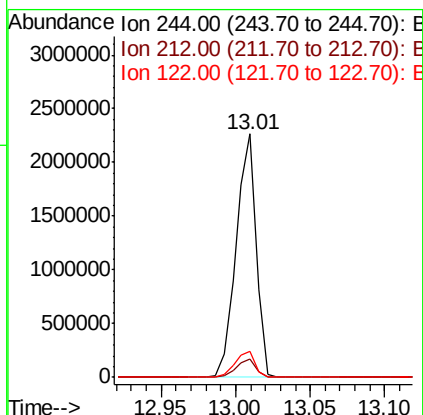
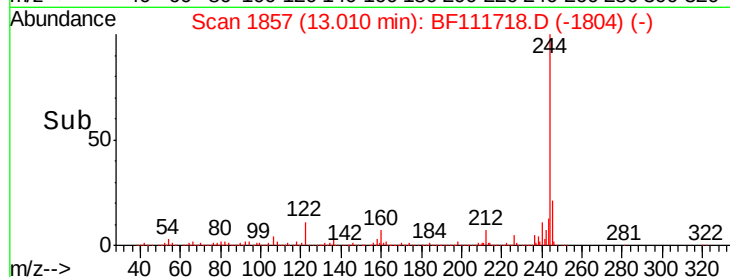
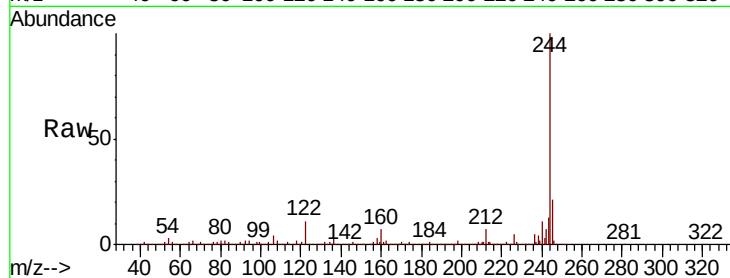
Tot Ion:244 Resp: 2131819

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 10.6 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 41.763 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

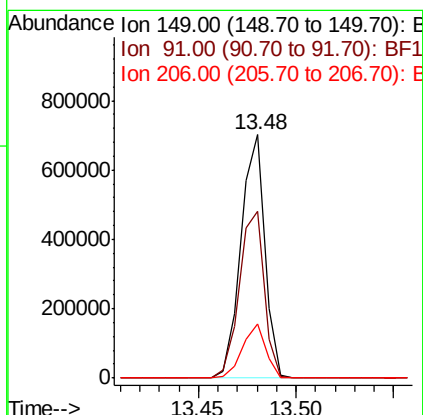
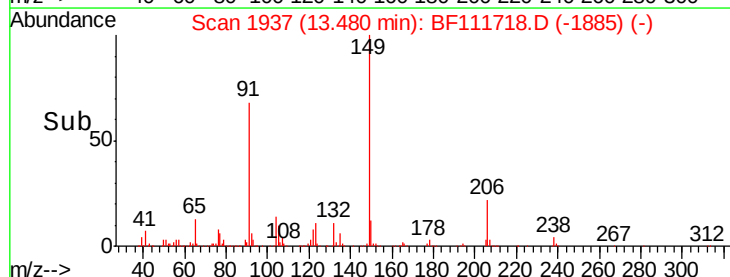
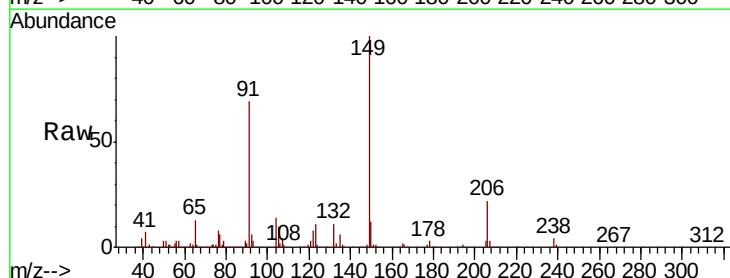
Tgt Ion:149 Resp: 597487

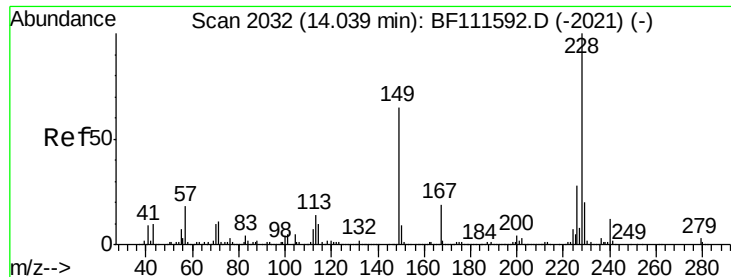
Ion Ratio Lower Upper

149 100

91 68.5 63.8 95.6

206 22.3 15.1 22.7





#81

Benzo(a)anthracene

Concen: 38.285 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

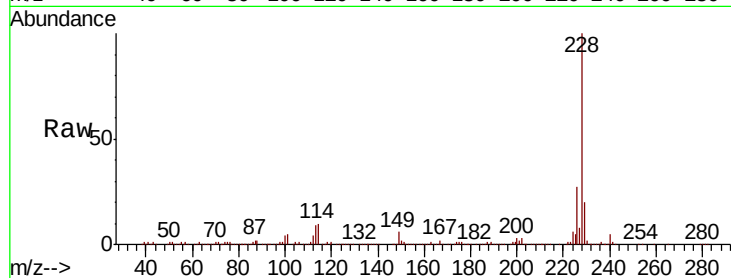
Tot Ion:228 Resp: 1085917

Ion Ratio Lower Upper

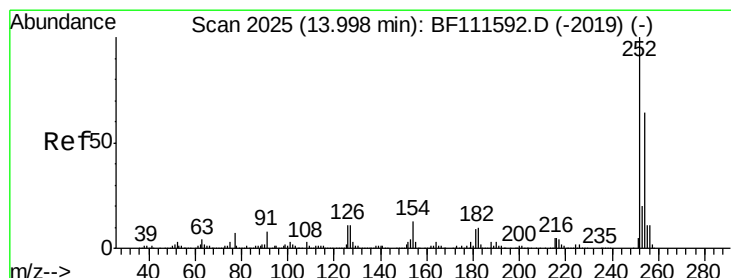
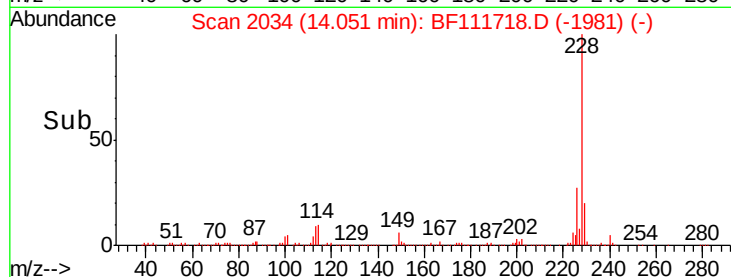
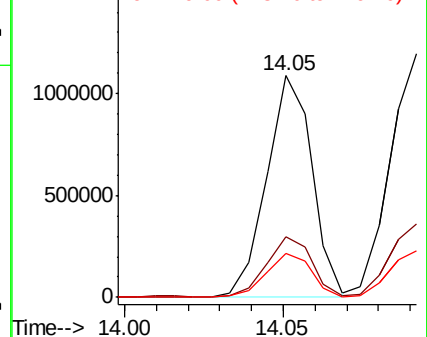
228 100

226 27.3 22.6 34.0

229 20.1 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: 37.813 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

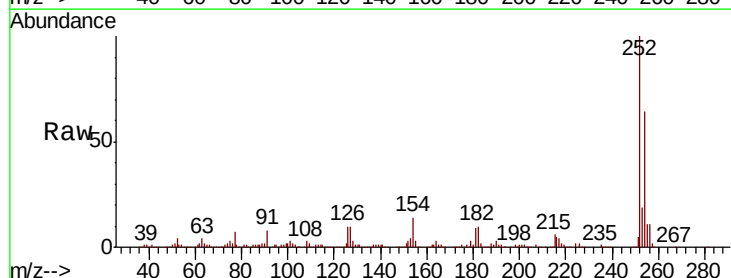
Tgt Ion:252 Resp: 423772

Ion Ratio Lower Upper

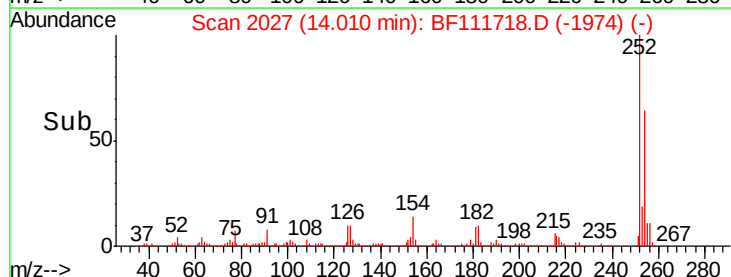
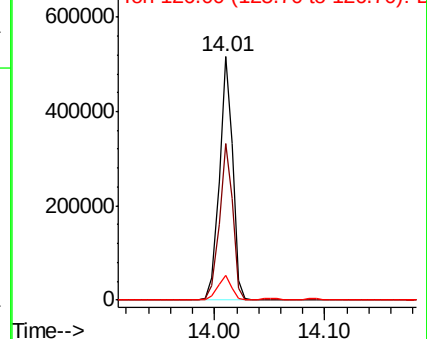
252 100

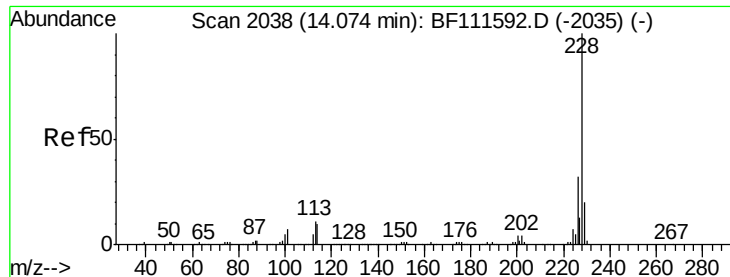
254 64.2 52.7 79.1

126 10.4 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

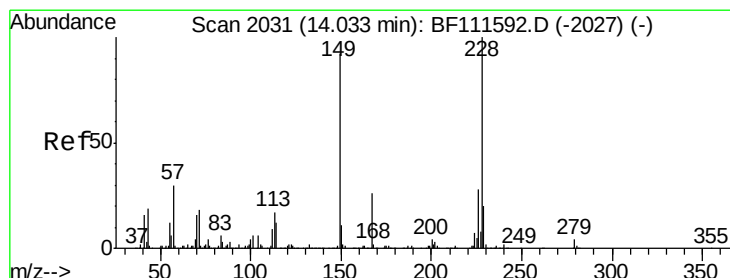
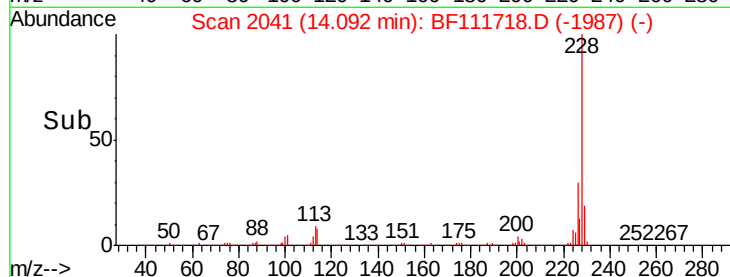
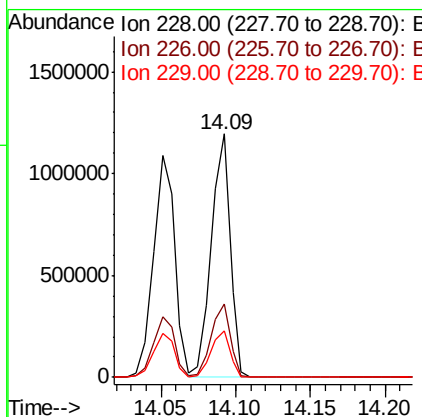
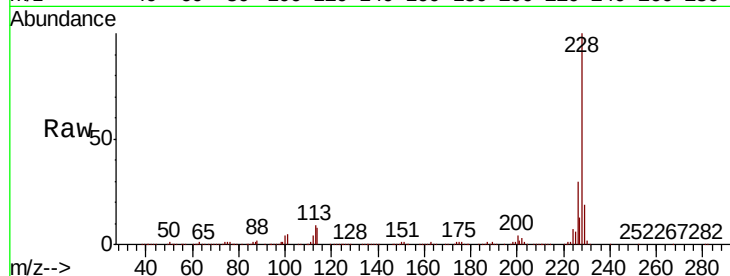




#83
 Chrysene
 Concen: 37.715 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF111718.D
 Acq: 26 Dec 2018 17:21

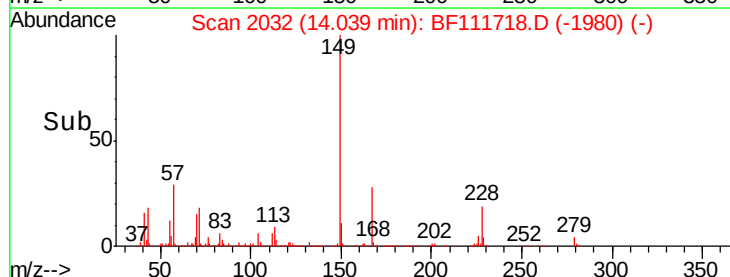
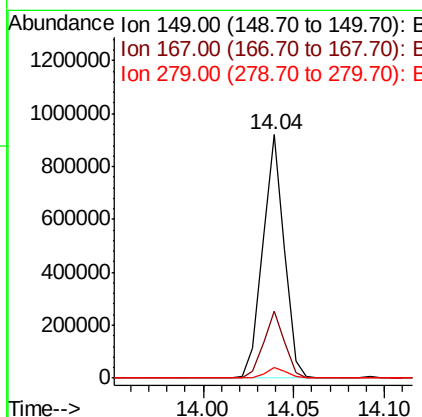
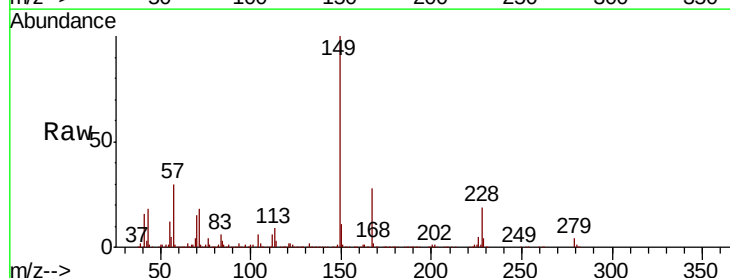
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

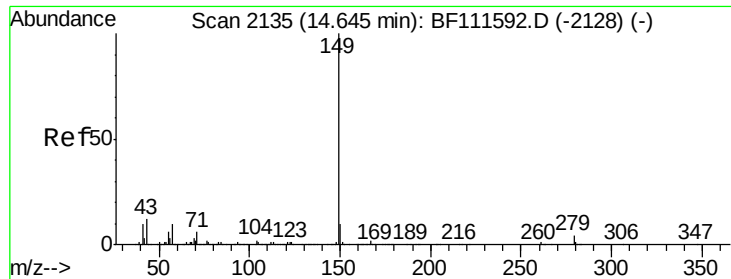
Tot Ion:228 Resp: 1051399
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.3 37.9
 229 19.3 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.185 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111718.D
 Acq: 26 Dec 2018 17:21

Tgt Ion:149 Resp: 760211
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.5 33.7
 279 4.1 2.6 4.0#

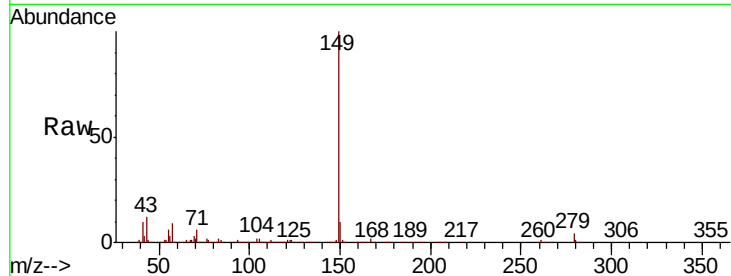




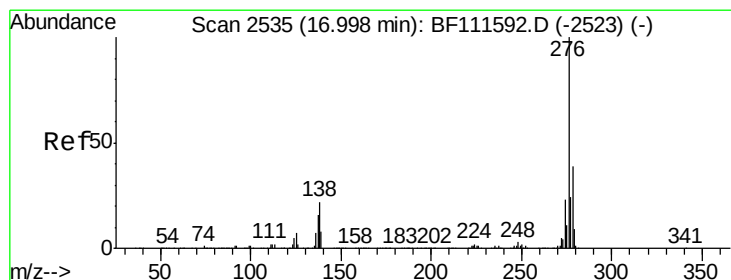
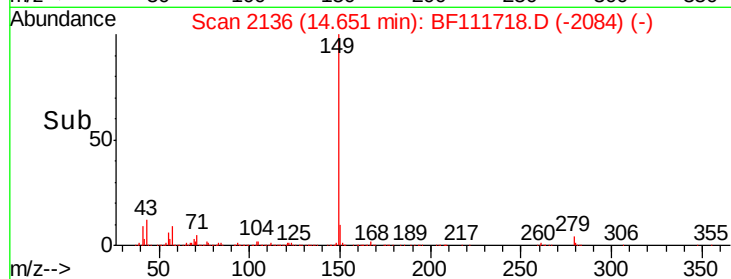
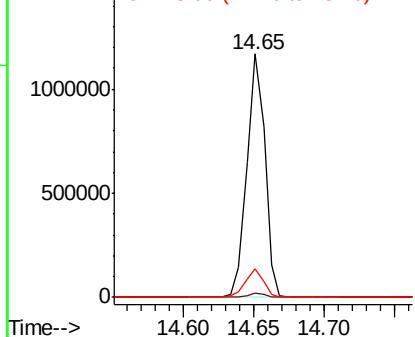
#85
Di-n-octyl phthalate
Concen: 37.433 ng
RT: 14.65 min Scan# 2136
Delta R.T. 0.01 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 1045171
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 10.9 16.3

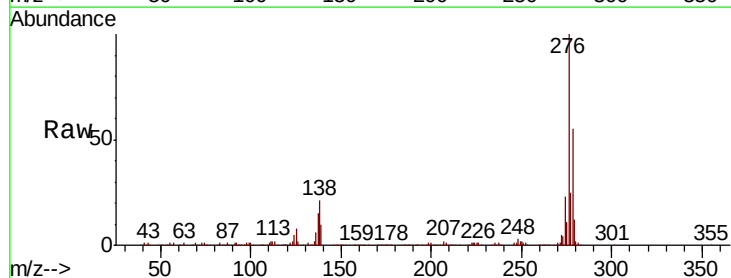


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

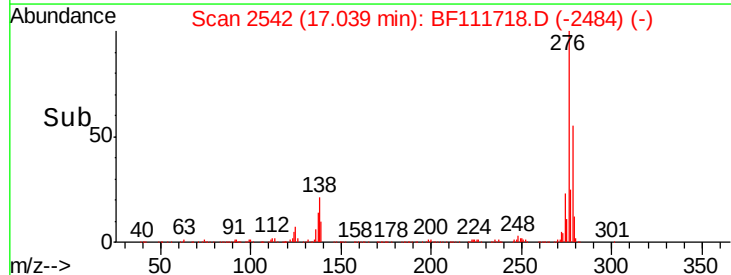
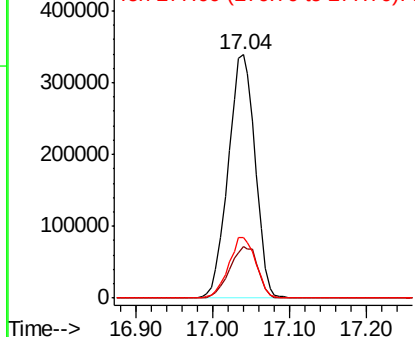


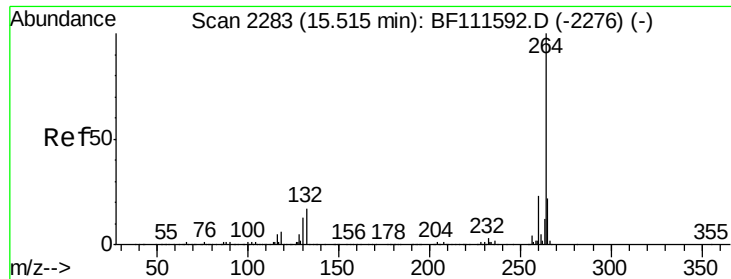
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.888 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.04 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:276 Resp: 826804
Ion Ratio Lower Upper
276 100
138 22.3 27.8 41.6#
277 25.4 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

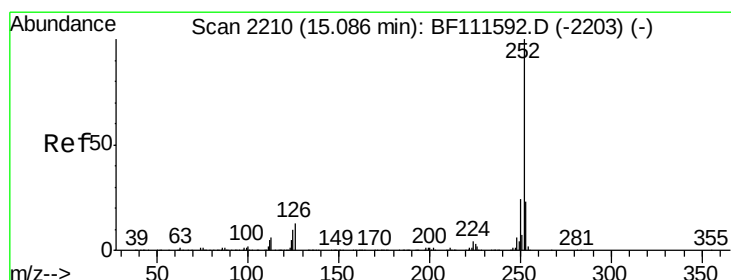
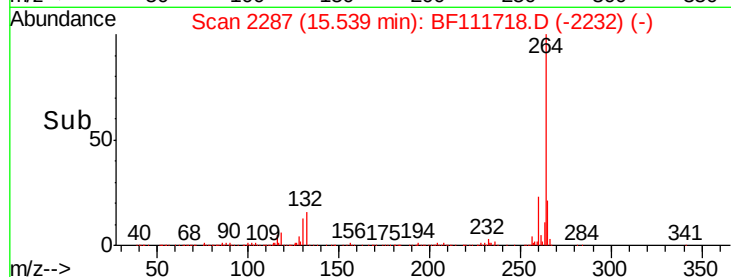
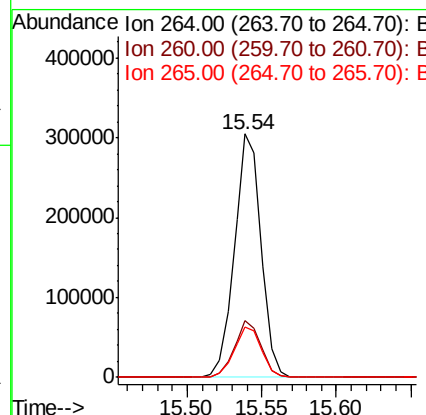
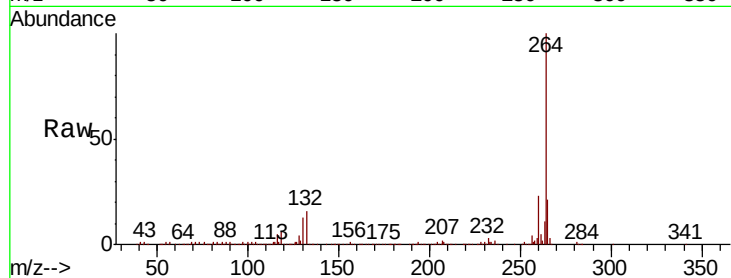




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

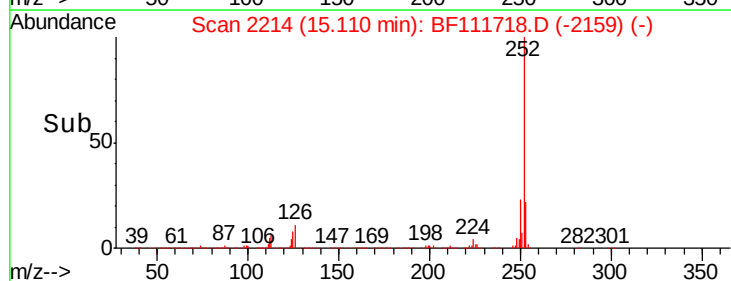
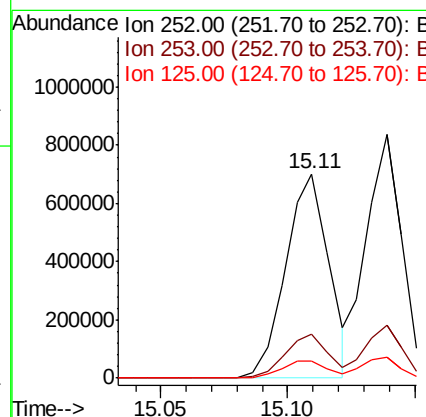
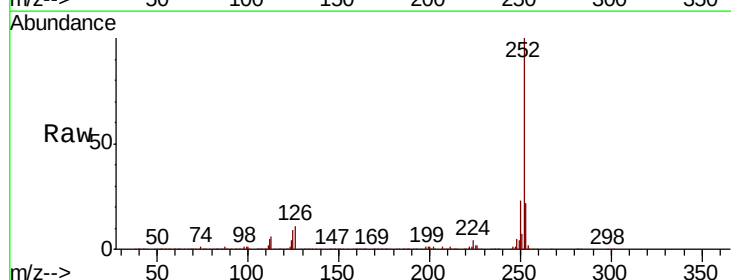
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

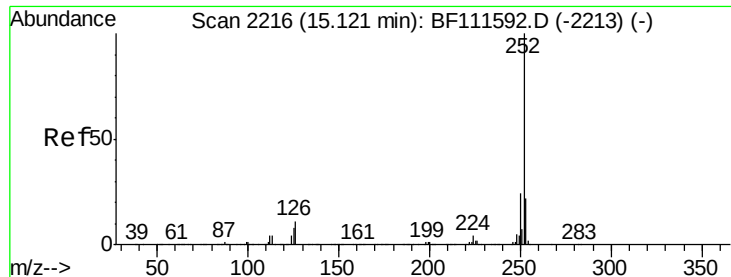
Tot Ion:264 Resp: 379497
Ion Ratio Lower Upper
264 100
260 23.2 18.3 27.5
265 20.8 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 37.568 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF111718.D
Acq: 26 Dec 2018 17:21

Tgt Ion:252 Resp: 833233
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 8.6 10.4 15.6#





#89

Benzo(k)fluoranthene

Concen: 38.983 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.02 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

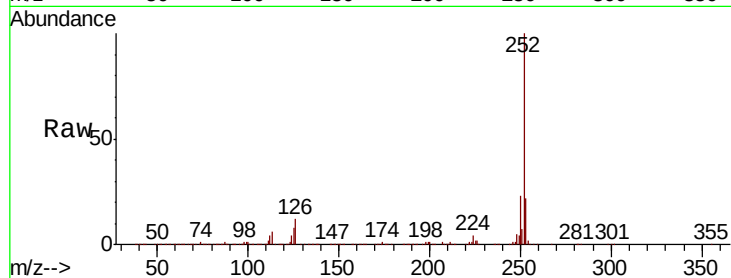
Tot Ion:252 Resp: 823136

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

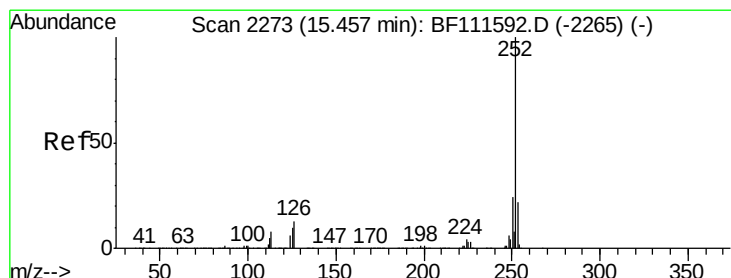
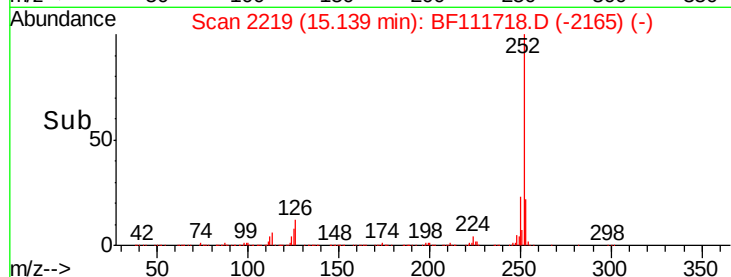
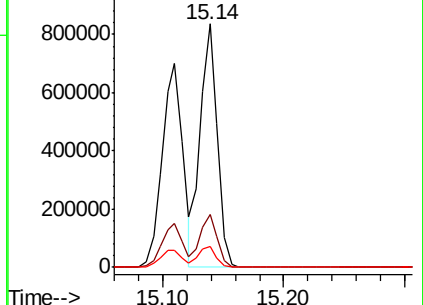
125 8.4 9.8 14.8#



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: 37.424 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

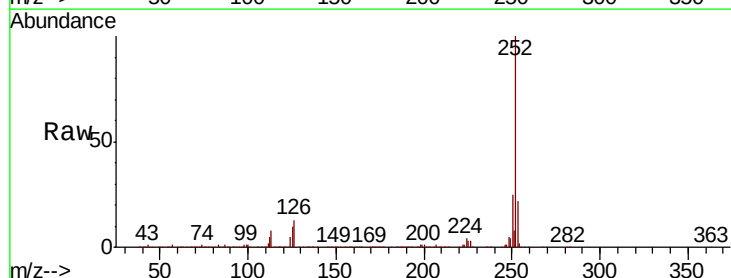
Tgt Ion:252 Resp: 754096

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

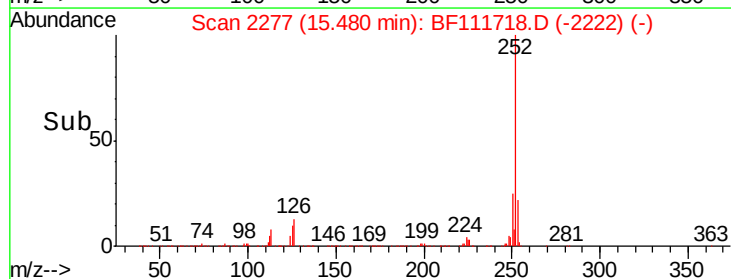
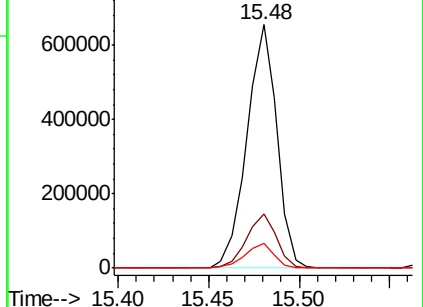
125 10.3 12.3 18.5#

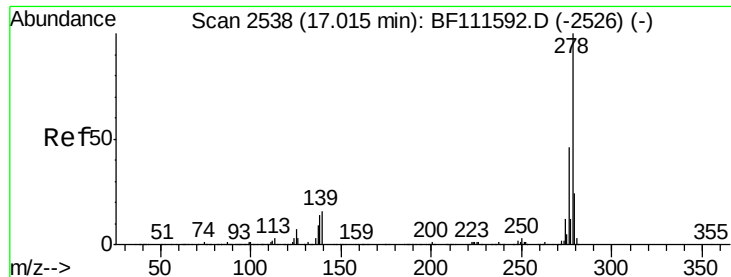


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.924 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.04 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

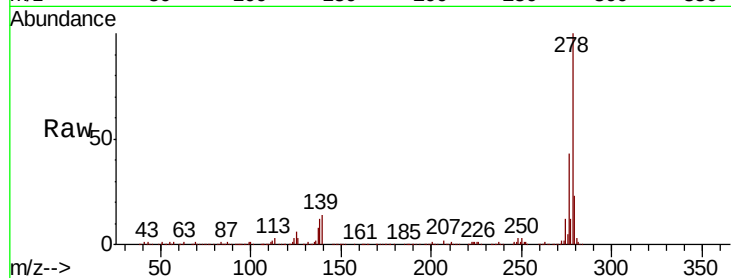
Tot Ion:278 Resp: 686806

Ion Ratio Lower Upper

278 100

139 14.0 18.2 27.4#

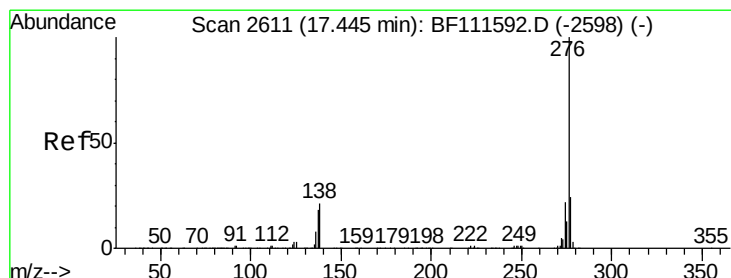
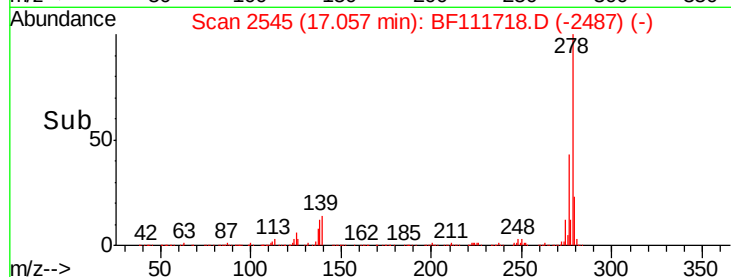
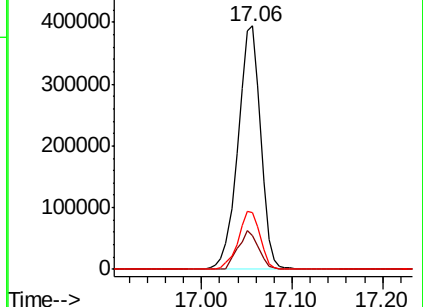
279 23.3 19.0 28.6



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: 40.003 ng

RT: 17.49 min Scan# 2619

Delta R.T. 0.05 min

Lab File: BF111718.D

Acq: 26 Dec 2018 17:21

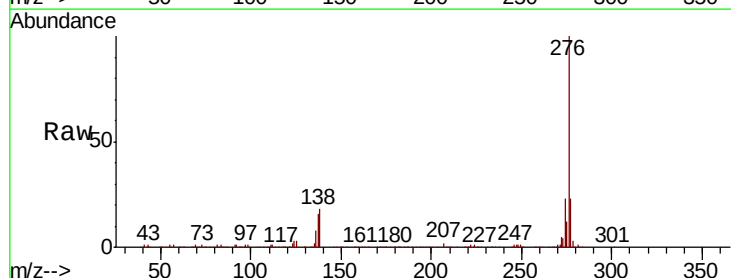
Tgt Ion:276 Resp: 689245

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 18.2 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

