

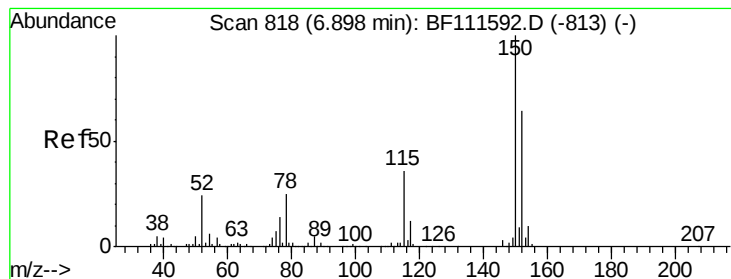
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111721.D
 Acq On : 26 Dec 2018 18:47
 Operator : JU/SJ
 Sample : J6525-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)

Quant Time: Dec 27 02:14:42 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	171660	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	640715	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	327197	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	565953	20.00	ng	0.00
76) Chrysene-d12	14.06	240	396833	20.00	ng	0.00
87) Perylene-d12	15.54	264	420125	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	882705	87.65	ng	0.02
7) Phenol-d6	6.53	99	1146815	89.48	ng	0.01
23) Nitrobenzene-d5	7.46	82	734957	66.77	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	334745	86.59	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1331271	59.30	ng	0.00
79) Terphenyl-d14	13.00	244	1054897	50.41	ng	0.00
Target Compounds						
10) Phenol	6.55	94	73868	5.108	ng	97
19) n-Nitroso-di-n-propylamine	7.46	70	100557	11.814	ng	# 77
25) Isophorone	7.46	82	732271	37.473	ng	# 64
50) Dimethylphthalate	9.65	163	197699	8.263	ng	96
57) 2,4-Dinitrotoluene	9.93	165	41768	7.284	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	711	6.954	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	20097	2.863	ng	# 1

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

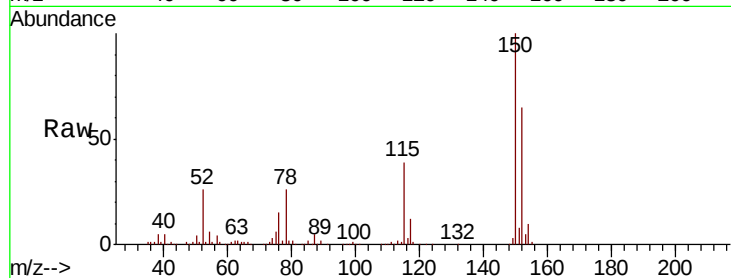


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Instrument :
BNA_F
ClientSampleId :
S-1(5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	189.8
115	59.4	50.7	76.1

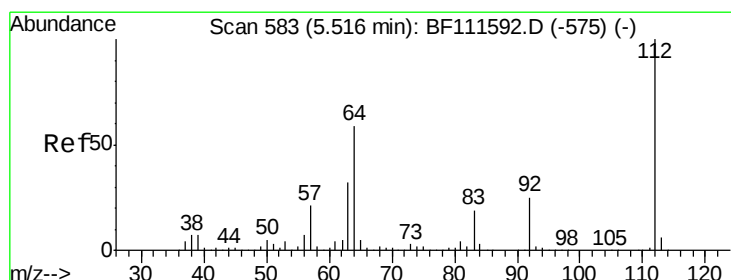
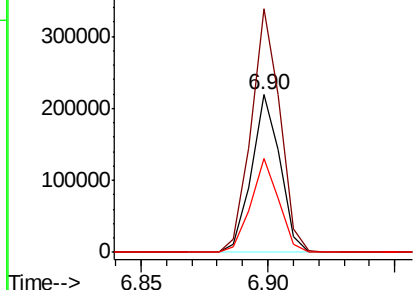
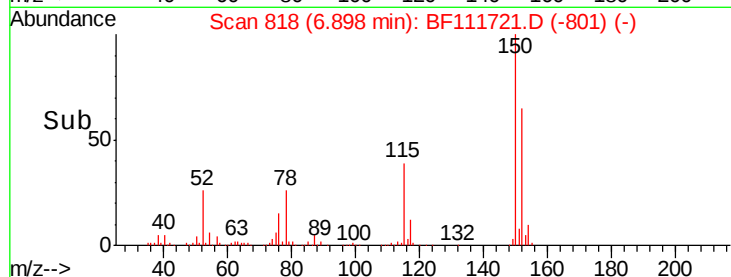


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

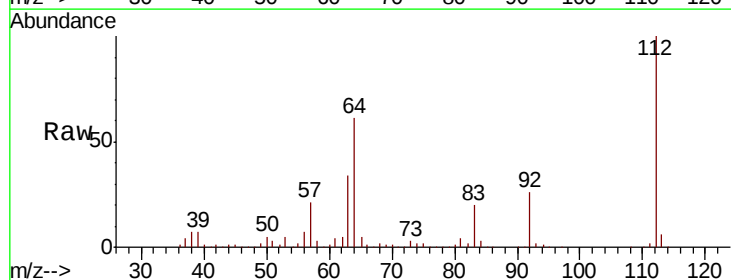
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.650 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	51.8	77.6
63	33.6	26.8	40.2

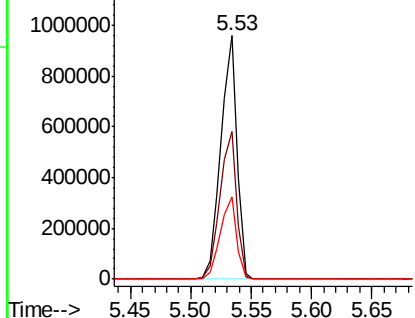
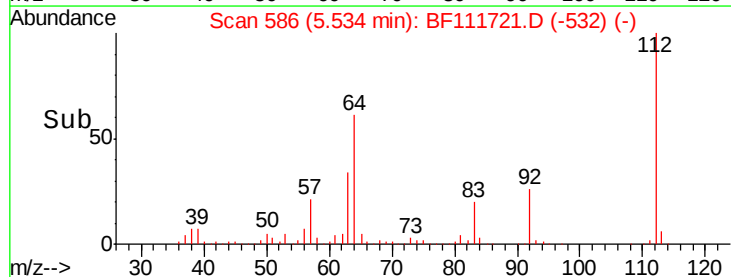


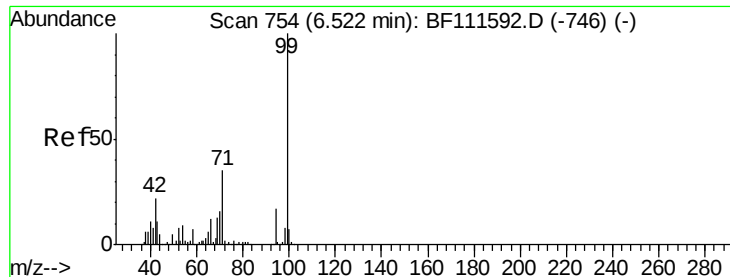
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 89.479 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111721.D

Acq: 26 Dec 2018 18:47

Instrument :

BNA_F

ClientSampled :

S-1(5)

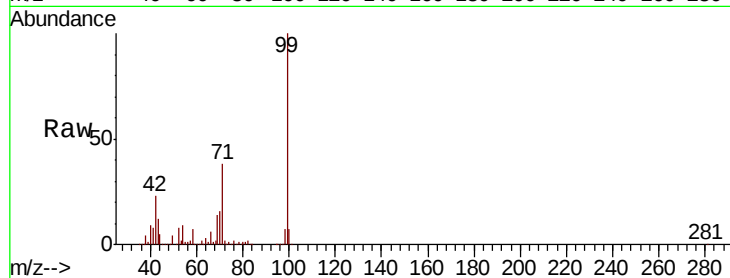
Tot Ion: 99 Resp: 1146815

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.4	26.0
71	37.5	26.1	39.1

99 100

42 23.1 17.4 26.0

71 37.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

1500000 Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

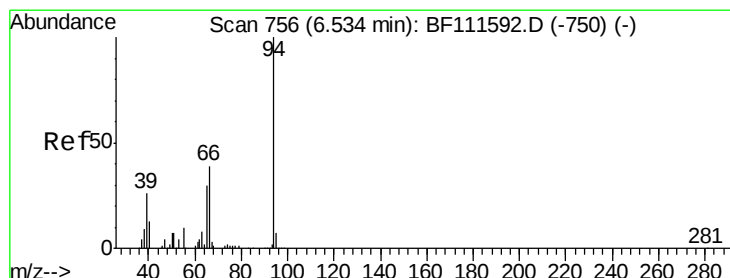
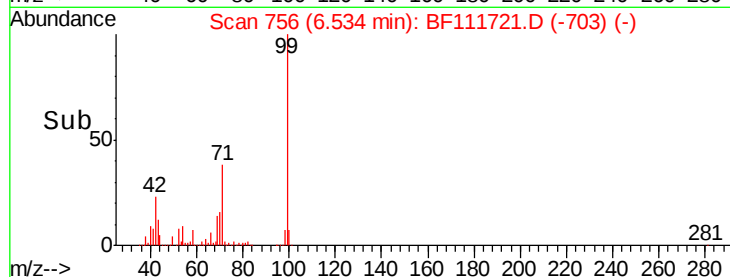
6.53

1000000

500000

0

Time--> 6.45 6.50 6.55 6.60



#10

Phenol

Concen: 5.108 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111721.D

Acq: 26 Dec 2018 18:47

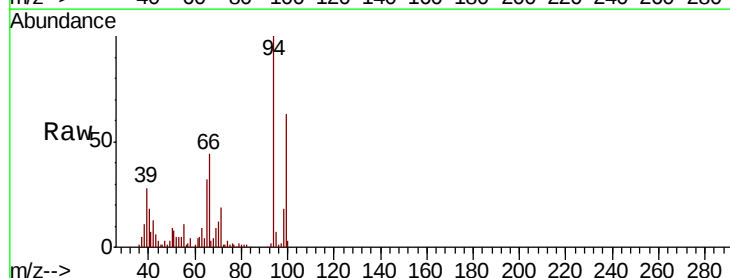
Tgt Ion: 94 Resp: 73868

Ion	Ratio	Lower	Upper
94	100		
65	32.4	11.7	51.7
66	43.7	21.0	61.0

94 100

65 32.4 11.7 51.7

66 43.7 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

150000 Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

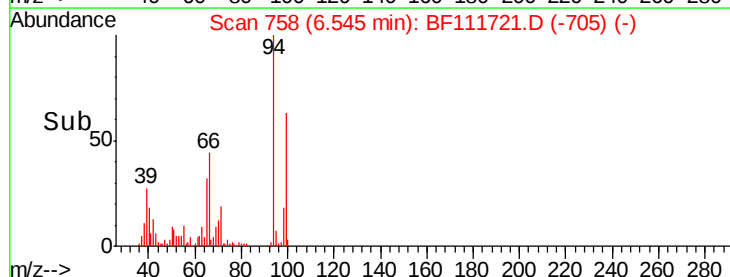
6.55

100000

50000

0

Time--> 6.50 6.55 6.60

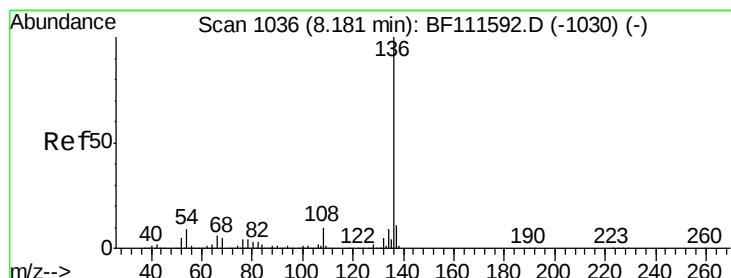
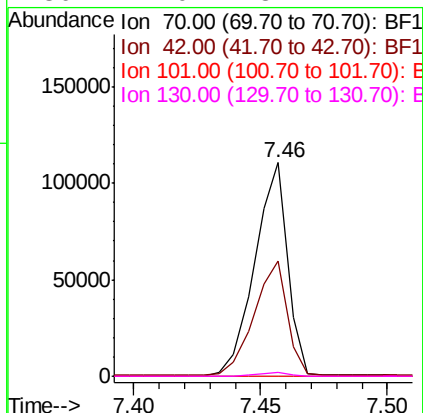
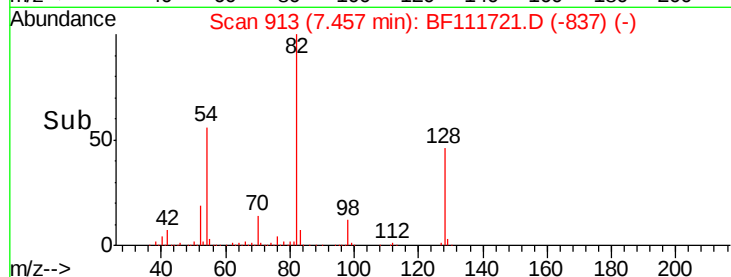
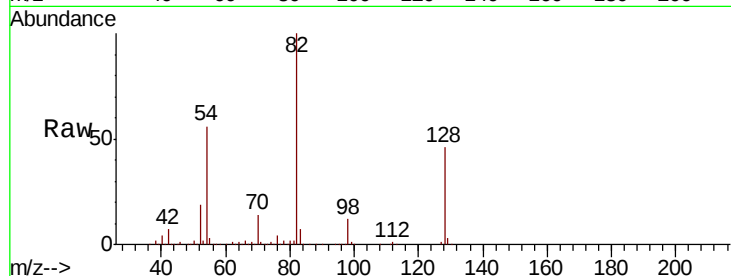




#19
n-Nitroso-di-n-propylamine
Concen: 11.814 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

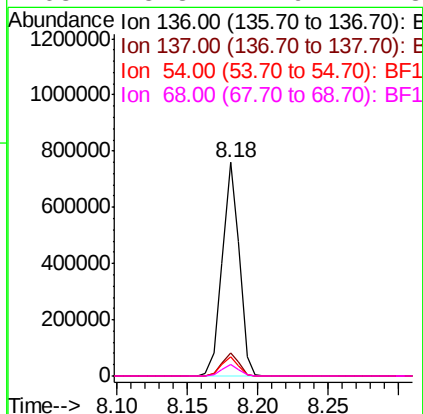
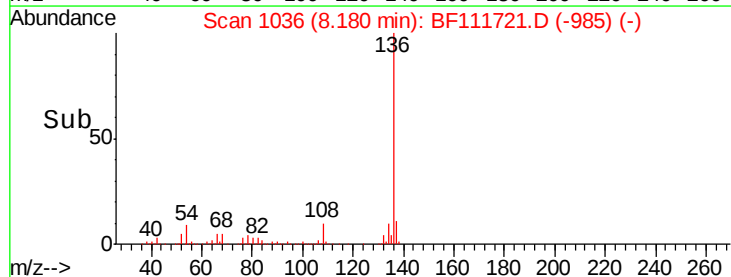
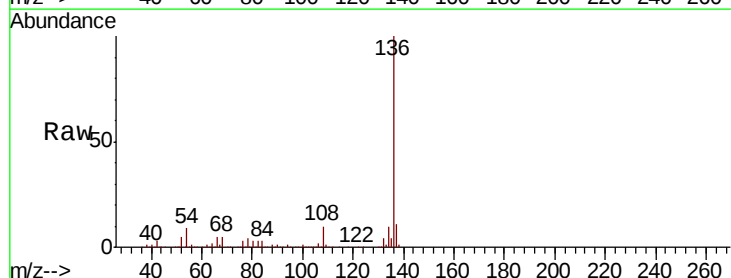
Instrument :
BNA_F
ClientSampleId :
S-1(5)

Tot Ion: 70 Resp: 100557
Ion Ratio Lower Upper
70 100
42 54.0 53.2 79.8
101 0.0 8.2 12.4#
130 2.0 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Tgt Ion: 136 Resp: 640715
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.0 7.7 11.5
68 5.3 4.9 7.3

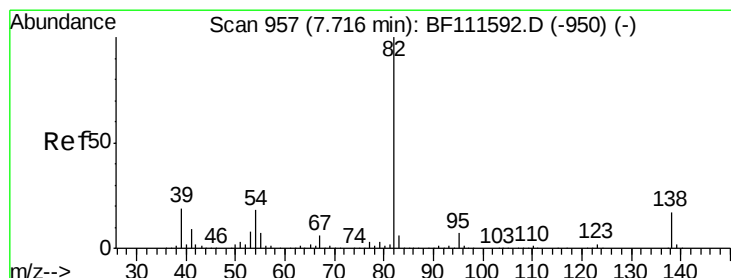
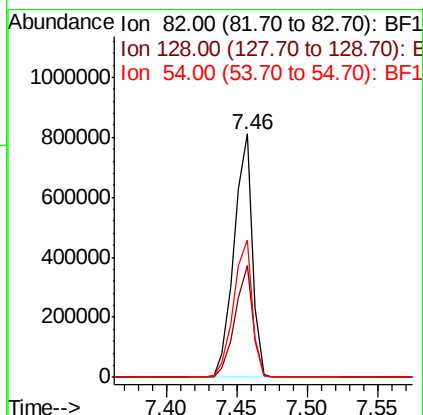
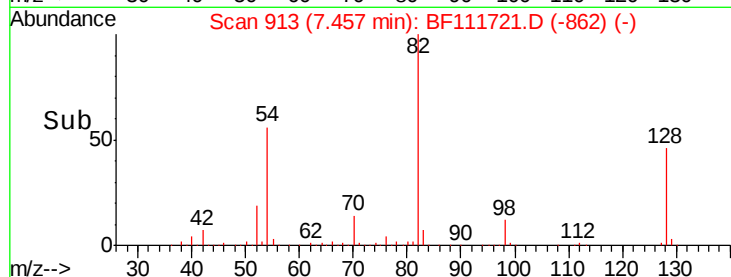
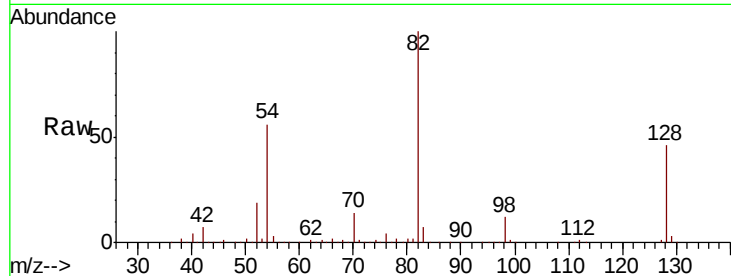




#23
Nitrobenzene-d5
Concen: 66.769 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

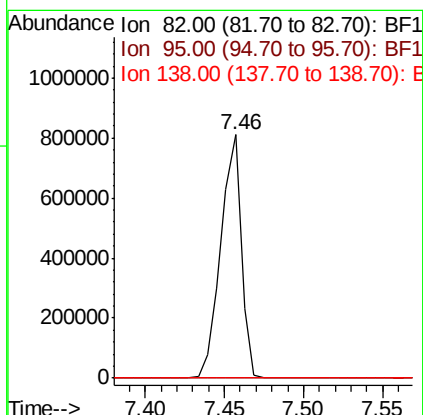
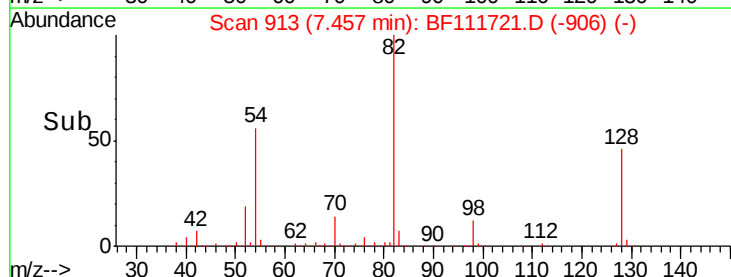
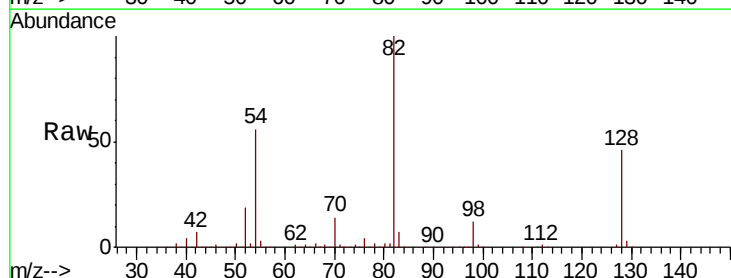
Instrument :
BNA_F
ClientSampleId :
S-1(5)

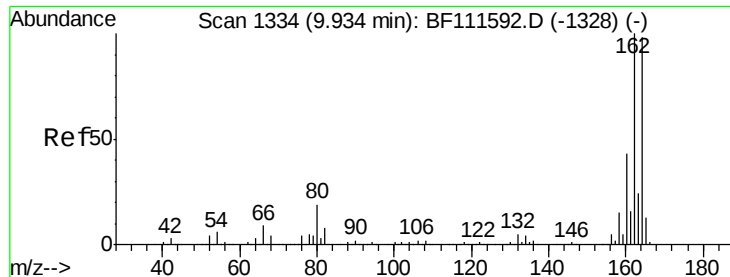
Tot Ion	82	Resp	734957
Ion Ratio	100	Lower	Upper
128	46.0	37.4	56.2
54	56.2	47.6	71.4



#25
Isophorone
Concen: 37.473 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Tgt Ion	82	Resp	732271
Ion Ratio	100	Lower	Upper
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#

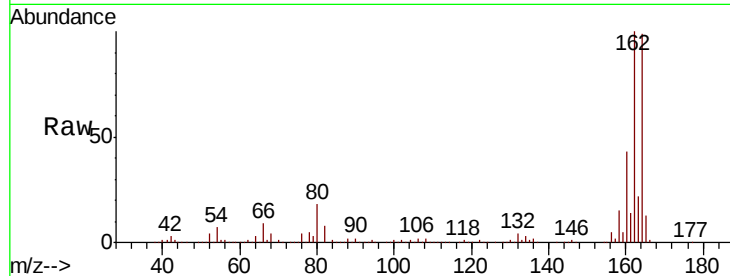




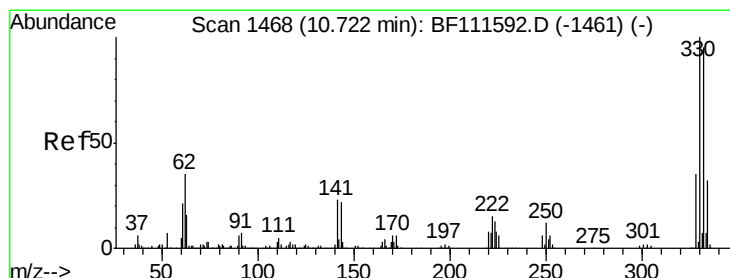
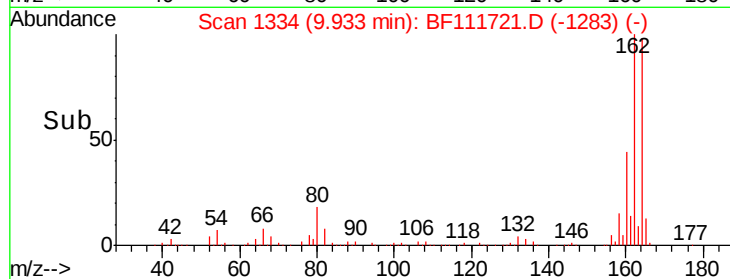
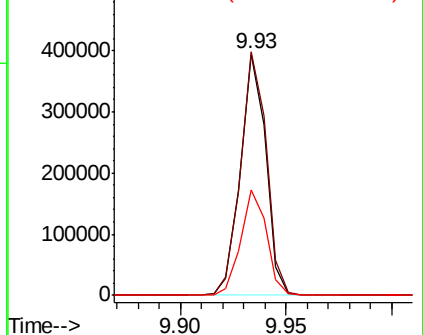
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111721.D
 Acq: 26 Dec 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.0
160	43.9	35.7	53.5

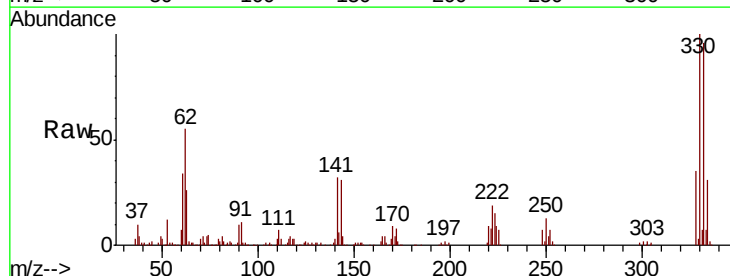


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

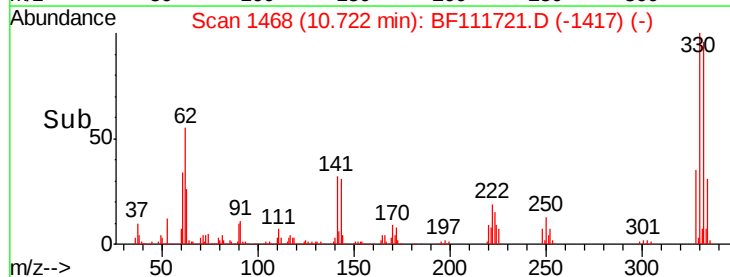
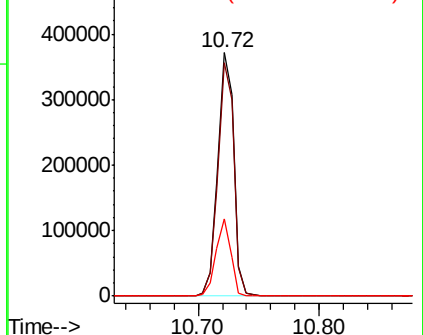


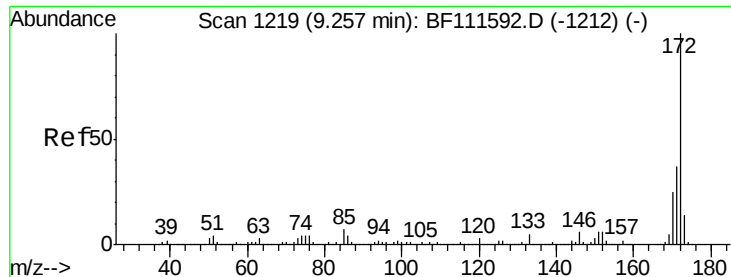
#42
 2,4,6-Tribromophenol
 Concen: 86.585 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111721.D
 Acq: 26 Dec 2018 18:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	29.7	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

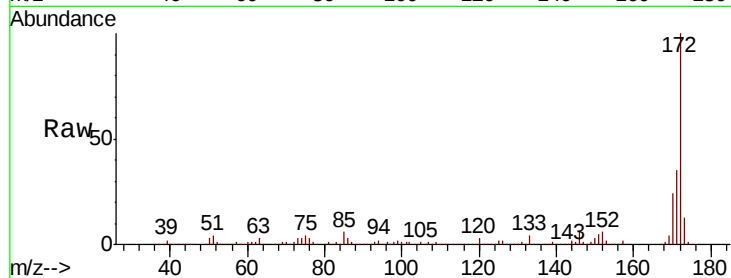




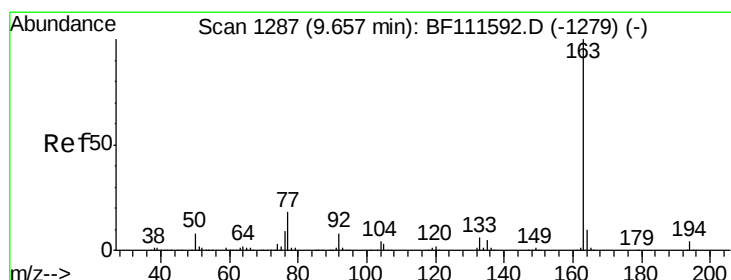
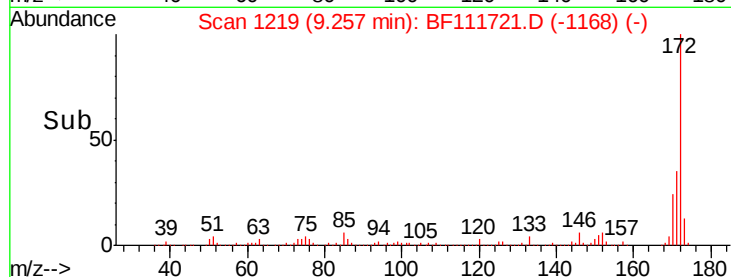
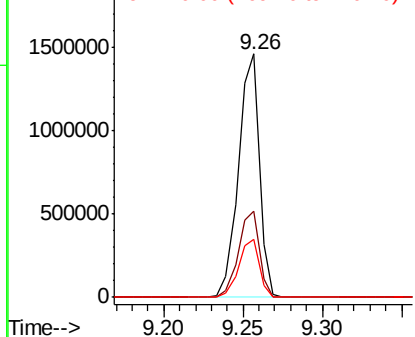
#45
2-Fluorobiphenyl
Concen: 59.305 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Instrument :
BNA_F
ClientSampleId :
S-1(5)

Tot Ion:172 Resp: 1331271
Ion Ratio Lower Upper
172 100
171 35.4 33.0 49.4
170 24.1 22.3 33.5

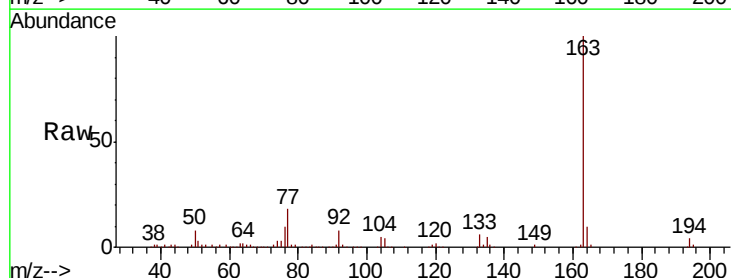


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

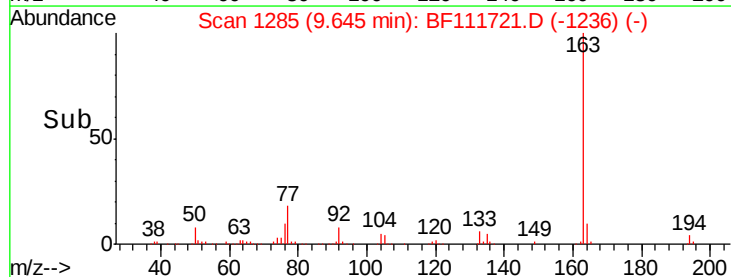
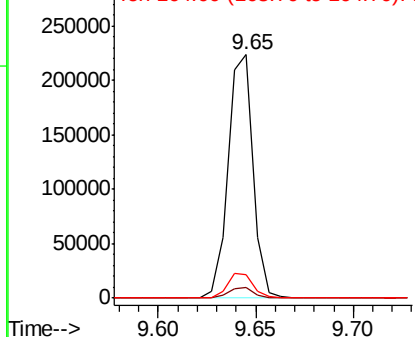


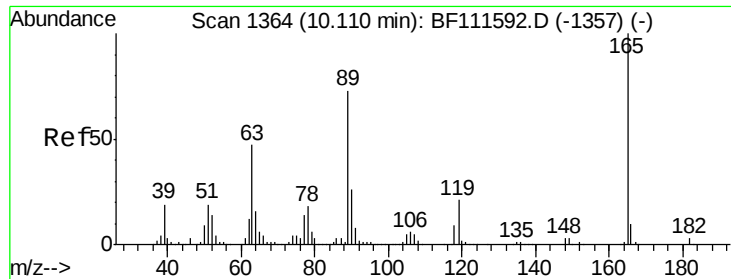
#50
Dimethylphthalate
Concen: 8.263 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Tgt Ion:163 Resp: 197699
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 9.6 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
300000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

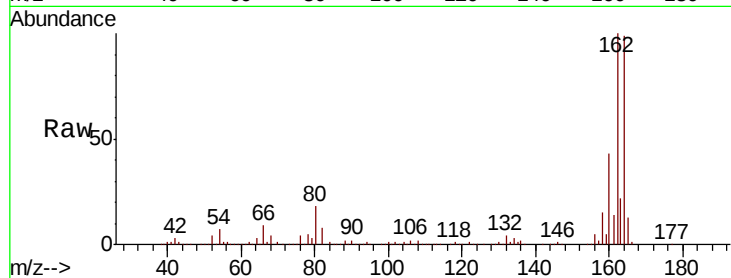




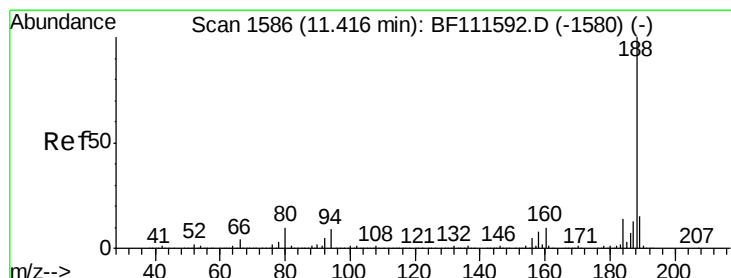
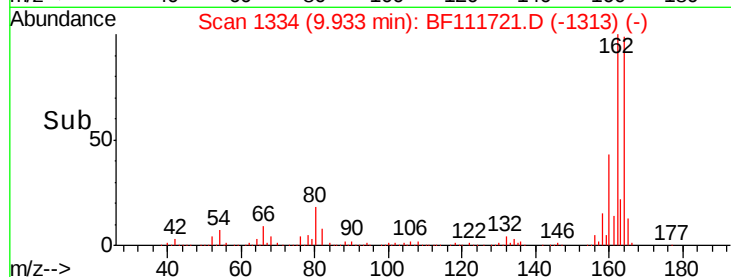
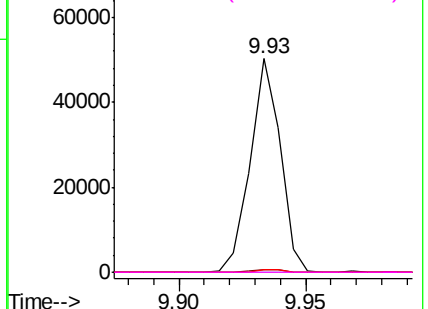
#57
 2,4-Dinitrotoluene
 Concen: 7.284 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF111721.D
 Acq: 26 Dec 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)

Tot Ion:165	Resp:	41768
Ion Ratio	Lower	Upper
165	100	
63	1.3	34.6 52.0#
89	1.2	56.2 84.4#
182	0.0	1.8 2.6#

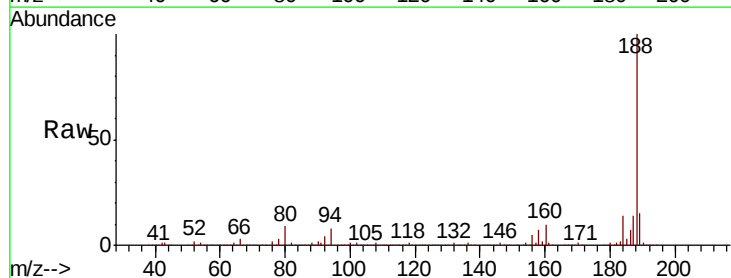


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

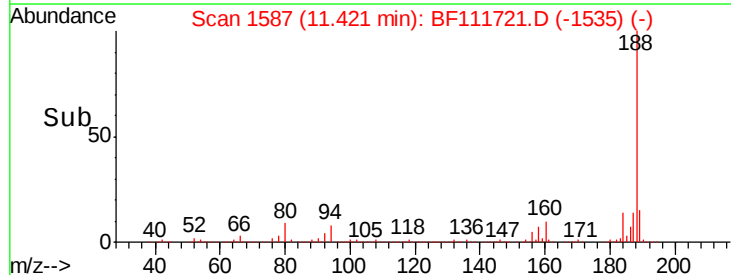
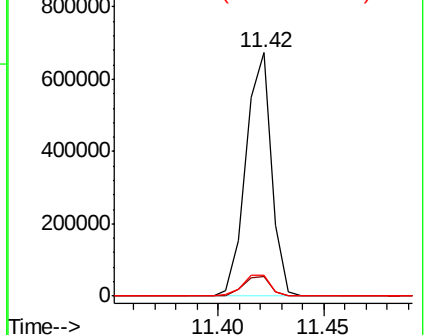


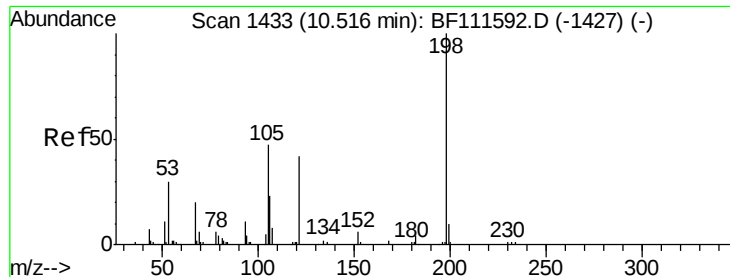
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF111721.D
 Acq: 26 Dec 2018 18:47

Tgt Ion:188	Resp:	565953
Ion Ratio	Lower	Upper
188	100	
94	8.2	9.6 14.4#
80	8.6	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

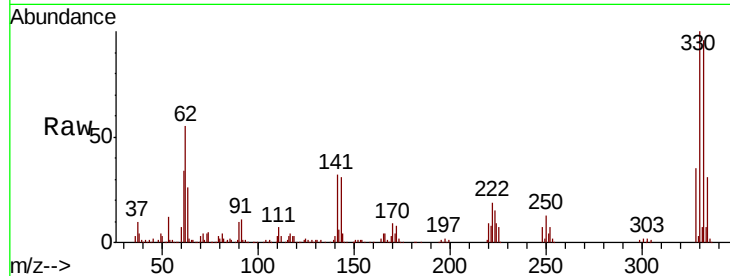




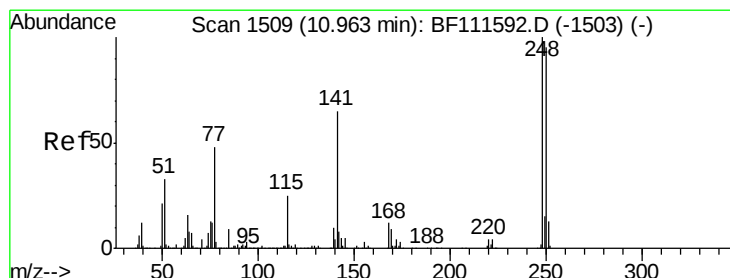
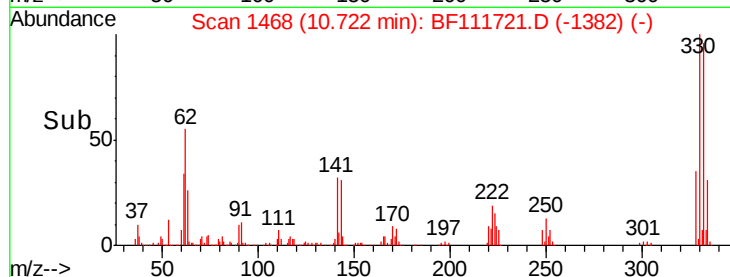
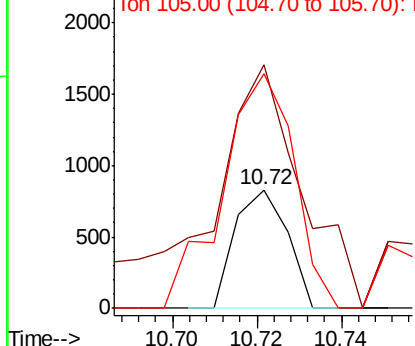
#65
4,6-Dinitro-2-methylphenol
Concen: 6.954 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Instrument :
BNA_F
ClientSampleId :
S-1(5)

Tot Ion:198 Resp: 711
Ion Ratio Lower Upper
198 100
51 205.8 48.0 88.0#
105 198.4 34.0 74.0#

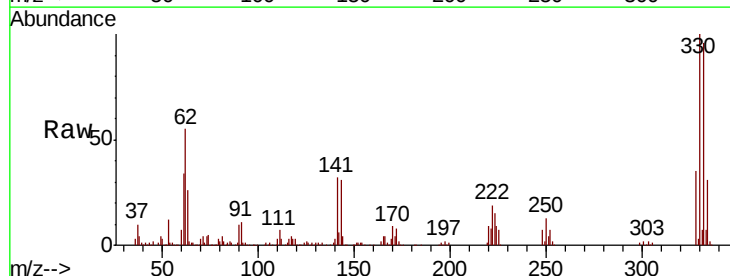


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

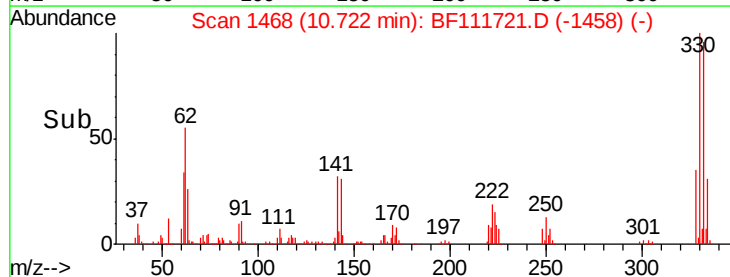
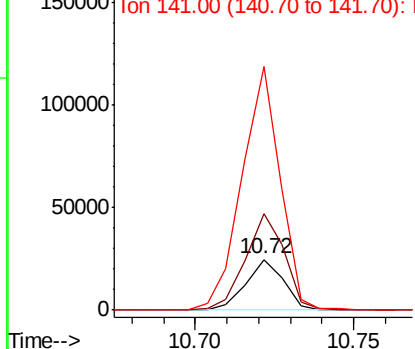


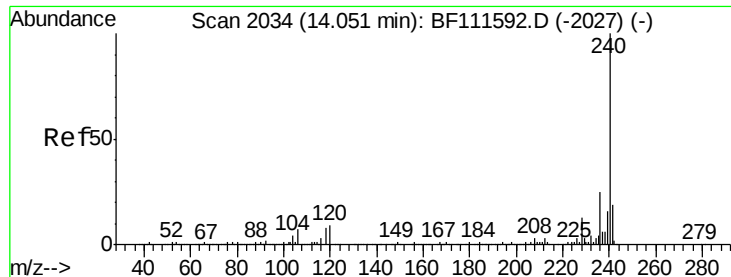
#67
4-Bromophenyl-phenylether
Concen: 2.863 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Tgt Ion:248 Resp: 20097
Ion Ratio Lower Upper
248 100
250 190.7 77.0 115.4#
141 479.3 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

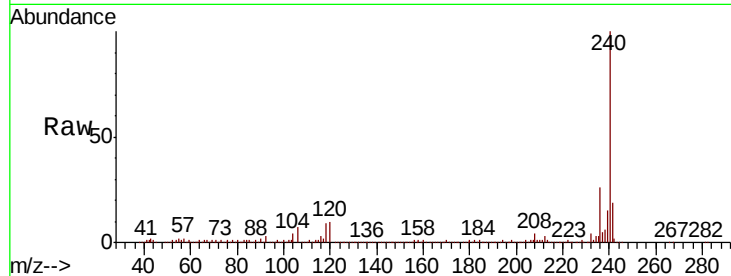




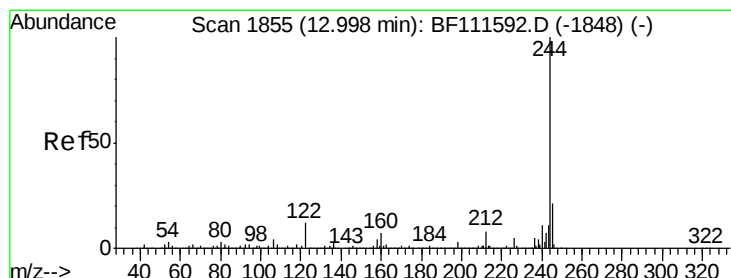
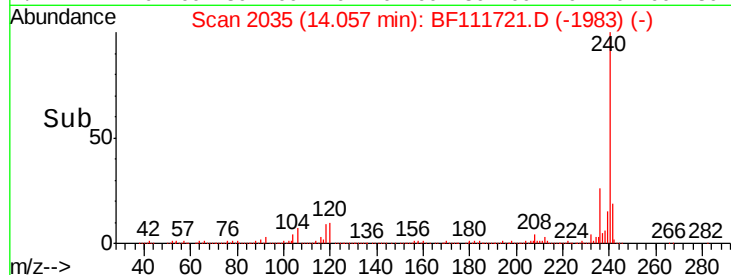
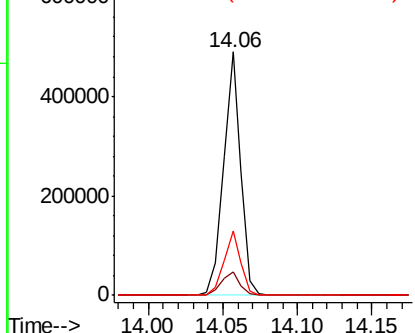
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF111721.D
 Acq: 26 Dec 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S-1(5)

Tot Ion:240 Resp: 396833
 Ion Ratio Lower Upper
 240 100
 120 9.7 12.2 18.2#
 236 26.3 20.2 30.2

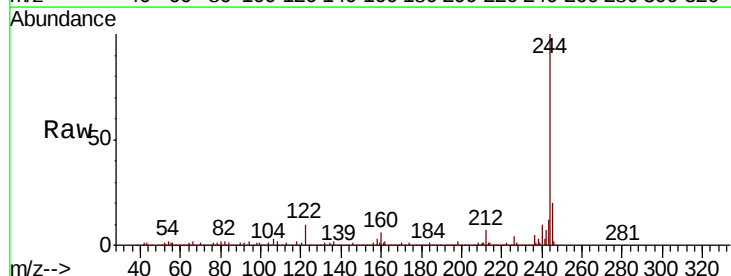


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

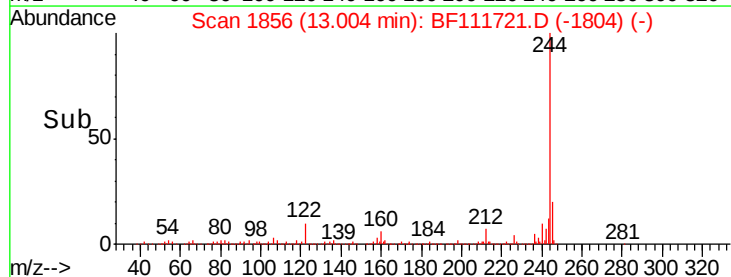
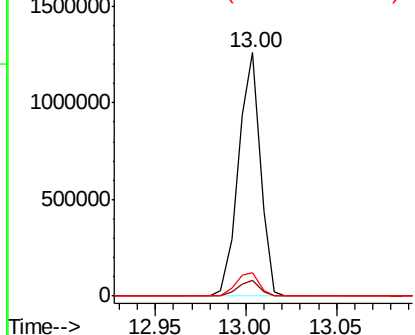


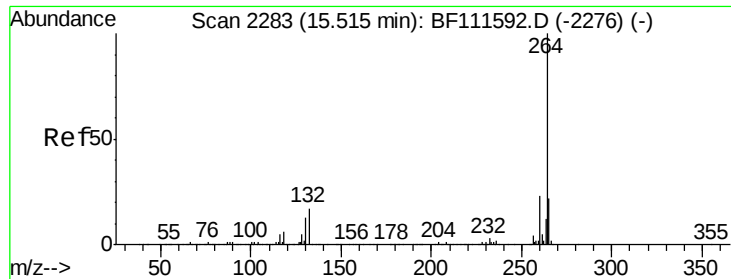
#79
 Terphenyl-d14
 Concen: 50.412 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111721.D
 Acq: 26 Dec 2018 18:47

Tgt Ion:244 Resp: 1054897
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 9.7 13.1 19.7#



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111721.D
Acq: 26 Dec 2018 18:47

Instrument :
BNA_F
ClientSampleId :
S-1(5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.1	17.7	26.5

