

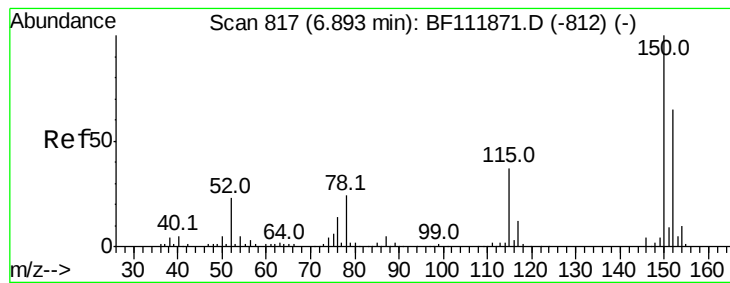
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111913.D
 Acq On : 8 Jan 2019 18:01
 Operator : JU/SJ
 Sample : K1074-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 00:58:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	154063	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	529506	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	171175	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	311752	20.00	ng	0.00
76) Chrysene-d12	14.04	240	349778	20.00	ng	-0.01
87) Perylene-d12	15.53	264	250964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1001711	111.24	ng	0.00
7) Phenol-d6	6.53	99	1357611	116.97	ng	0.00
23) Nitrobenzene-d5	7.45	82	849123	85.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	230091	103.34	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	1166474	99.37	ng	-0.01
79) Terphenyl-d14	12.99	244	1059800	57.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	2525	Below Cal	Qvalue	# 1
10) Phenol	6.54	94	39399	3.123 ng		87
19) n-Nitroso-di-n-propylamine	7.45	70	115174	15.272 ng	#	77
25) Isophorone	7.45	82	841962	52.481 ng	#	65
50) Dimethylphthalate	9.63	163	72515	5.639 ng		99
57) 2,4-Dinitrotoluene	9.92	165	21166	5.697 ng	#	26
67) 4-Bromophenyl-phenylether	10.71	248	13339	3.303 ng	#	1

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

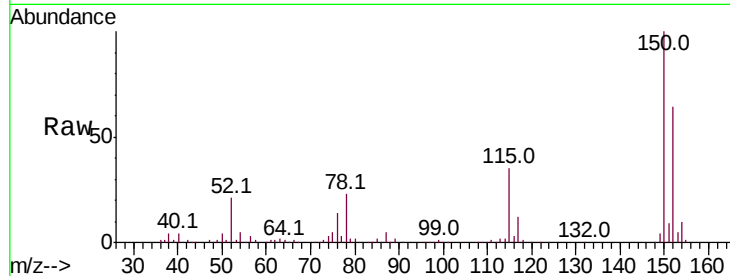


#1

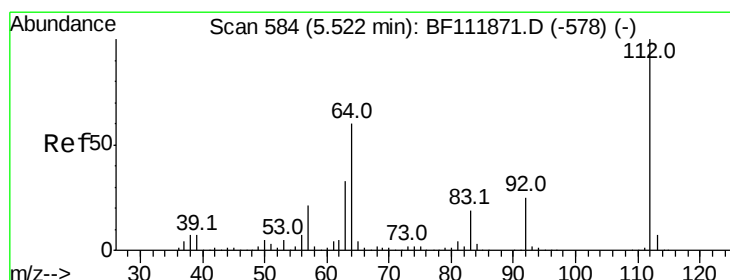
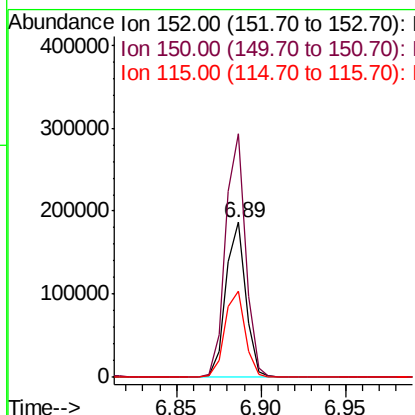
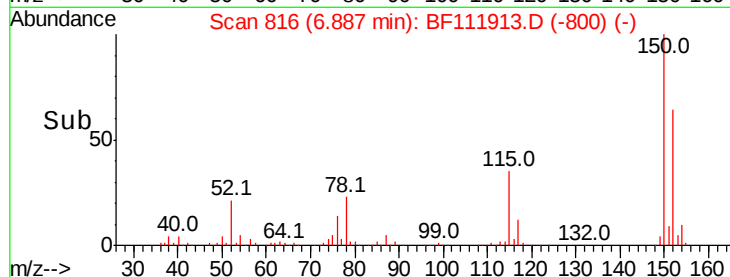
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111913.D
Acq: 8 Jan 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154063
Ion Ratio Lower Upper
152 100
150 156.8 122.7 184.1
115 55.3 45.2 67.8



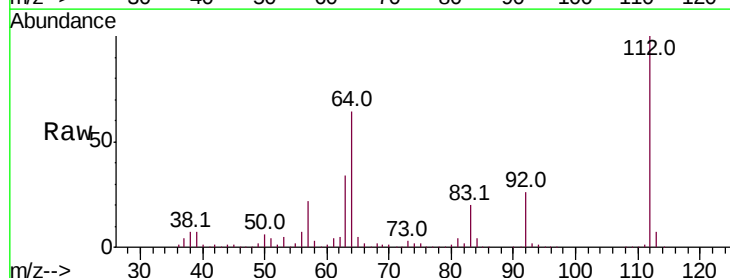
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



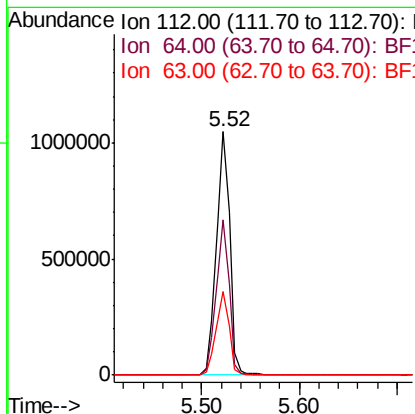
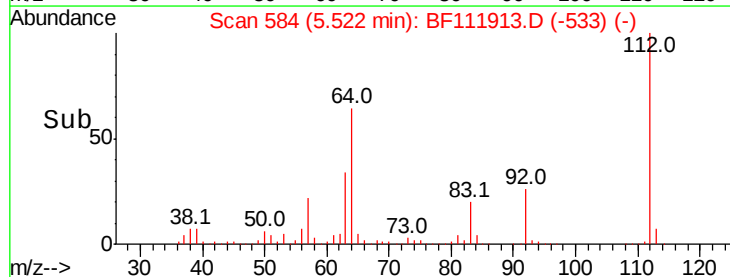
#5

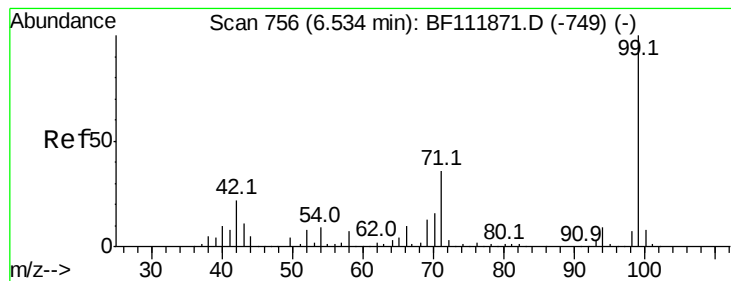
2-Fluorophenol
Concen: 111.237 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF111913.D
Acq: 8 Jan 2019 18:01

Tgt Ion:112 Resp: 1001711
Ion Ratio Lower Upper
112 100
64 63.7 48.3 72.5
63 34.4 26.1 39.1



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: 116.968 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF111913.D

Acq: 8 Jan 2019 18:01

Instrument :

BNA_F

ClientSampleId :

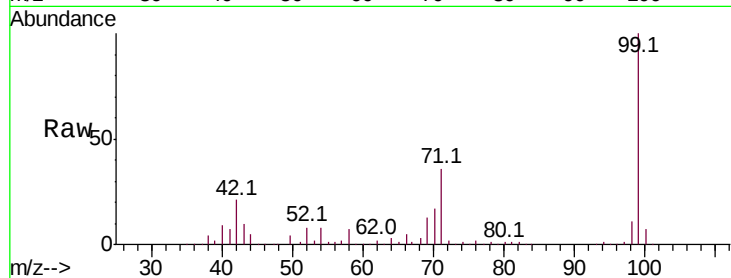
Tot Ion: 99 Resp: 1357611

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.9	26.9
71	35.6	28.7	43.1

99 100

42 21.3 17.9 26.9

71 35.6 28.7 43.1

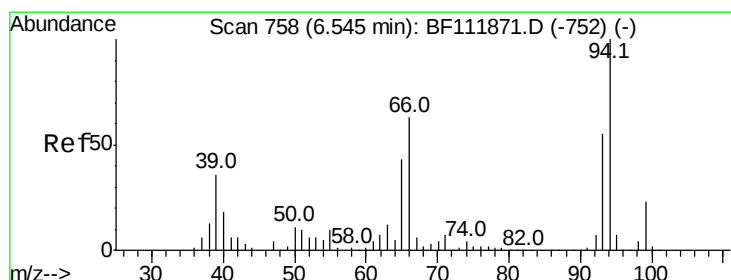
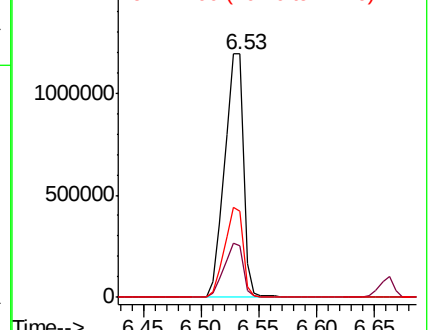
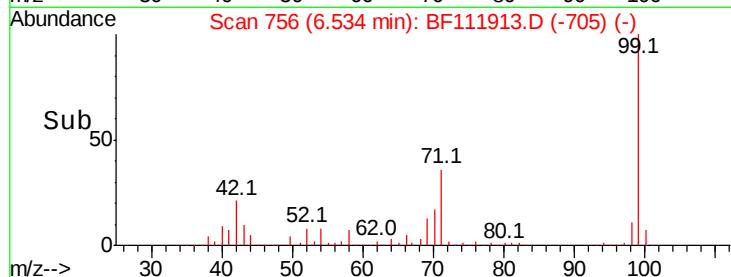


Abundance

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



#10

Phenol

Concen: 3.123 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111913.D

Acq: 8 Jan 2019 18:01

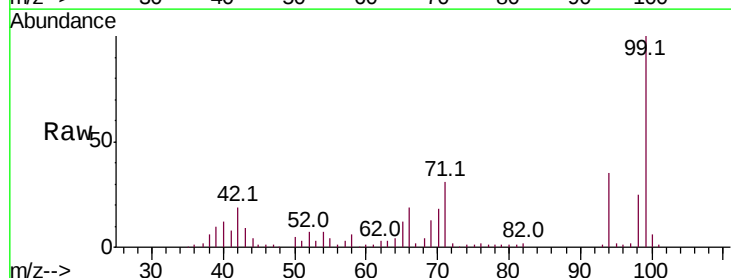
Tgt Ion: 94 Resp: 39399

Ion	Ratio	Lower	Upper
94	100		
65	35.0	22.8	62.8
66	53.3	43.3	83.3

94 100

65 35.0 22.8 62.8

66 53.3 43.3 83.3

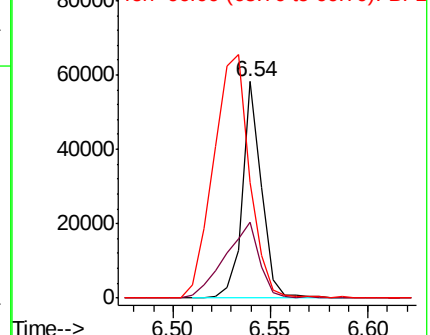
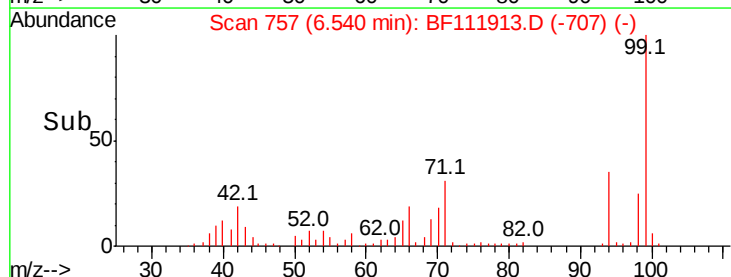


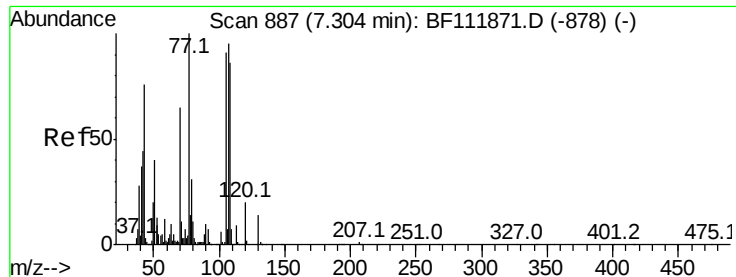
Abundance

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

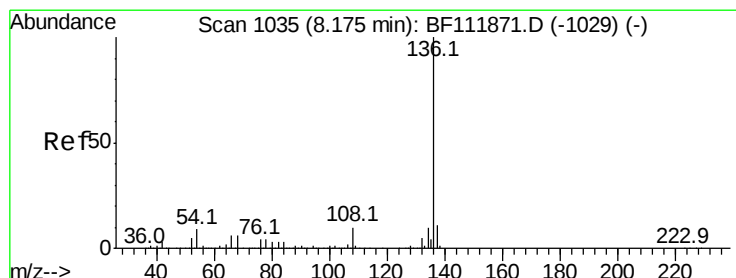
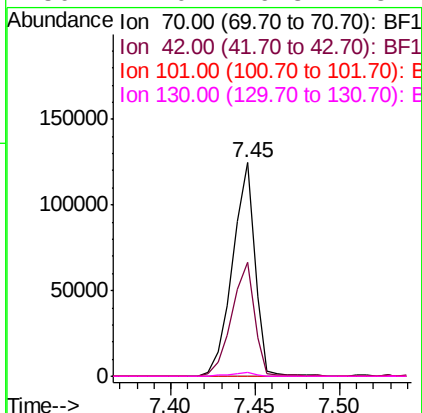
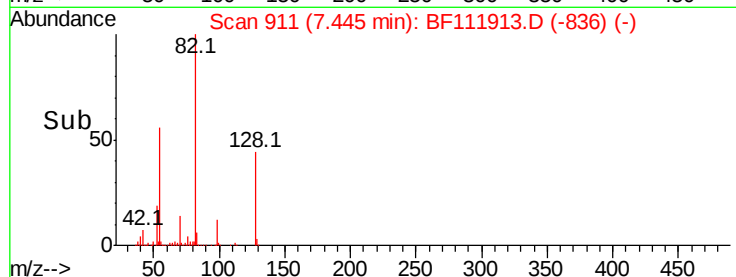
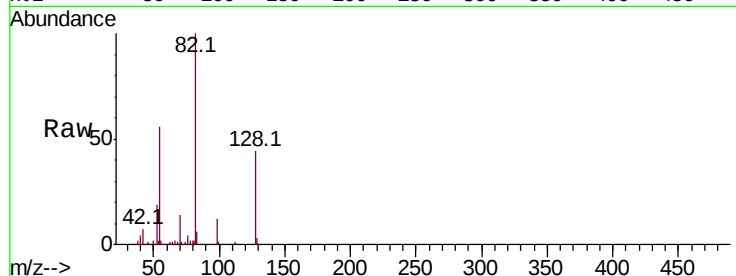




#19
n-Nitroso-di-n-propylamine
Concen: 15.272 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111913.D
Acq: 8 Jan 2019 18:01

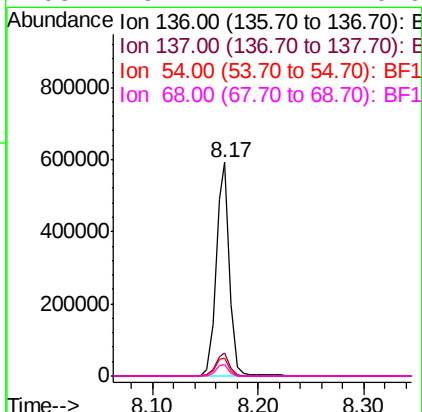
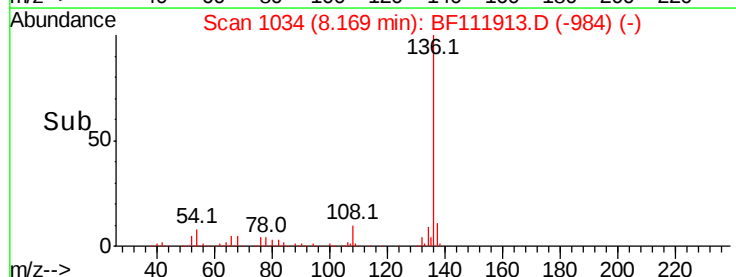
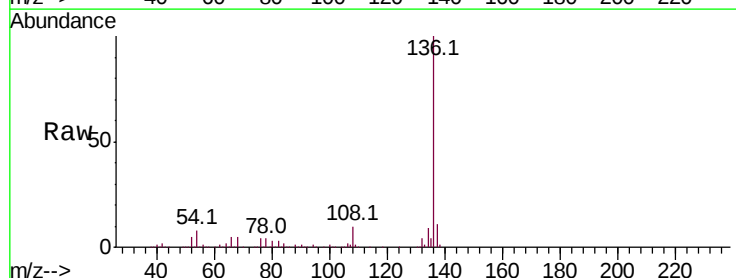
Instrument :
BNA_F
ClientSampleId :

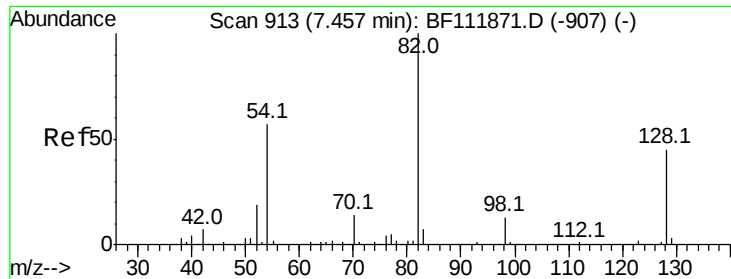
Tot Ion: 70 Resp: 115174
Ion Ratio Lower Upper
70 100
42 53.3 53.6 80.4#
101 0.0 7.3 10.9#
130 2.0 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111913.D
Acq: 8 Jan 2019 18:01

Tgt Ion: 136 Resp: 529506
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.3 7.2 10.8
68 5.2 4.4 6.6

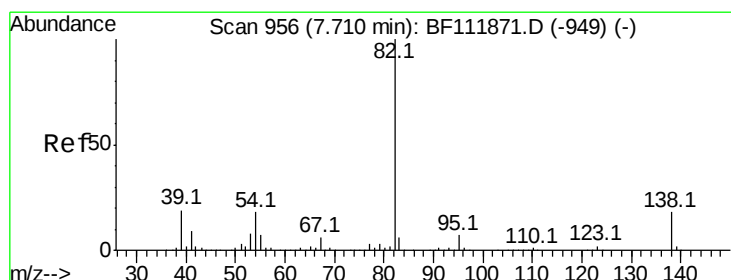
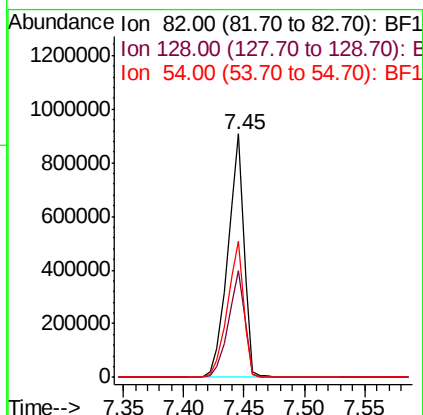
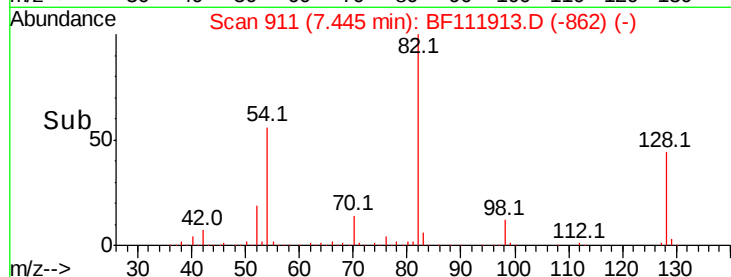
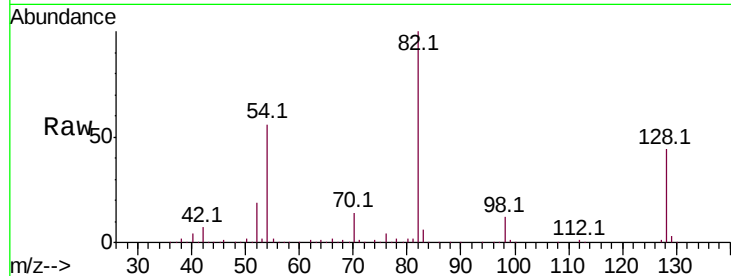




#23
Nitrobenzene-d5
Concen: 85.706 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111913.D
Acq: 8 Jan 2019 18:01

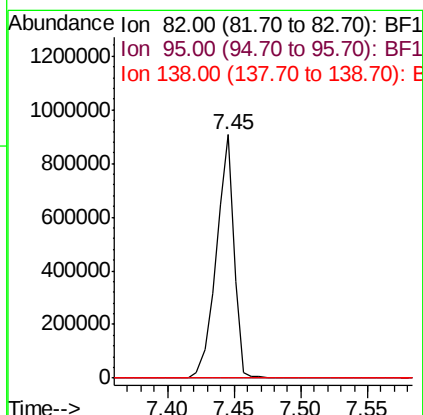
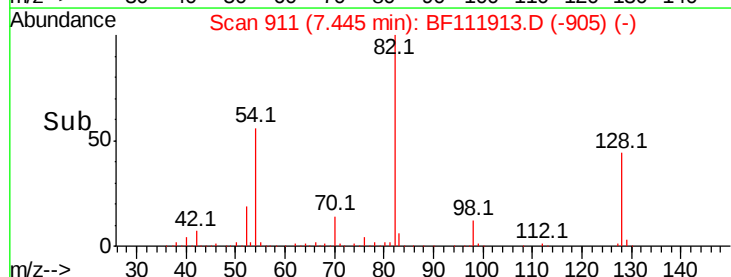
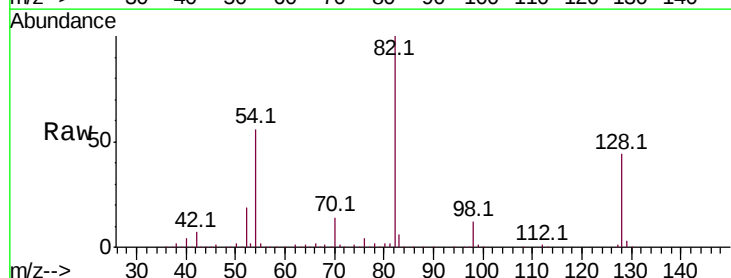
Instrument :
BNA_F
ClientSampled :

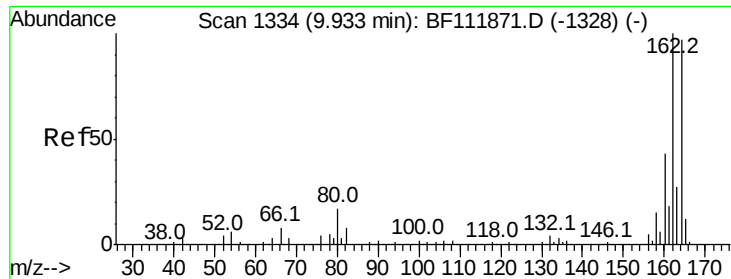
Tot Ion: 82 Resp: 849123
Ion Ratio Lower Upper
82 100
128 43.9 35.7 53.5
54 55.9 45.8 68.8



#25
Isophorone
Concen: 52.481 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111913.D
Acq: 8 Jan 2019 18:01

Tgt Ion: 82 Resp: 841962
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.4 21.6#

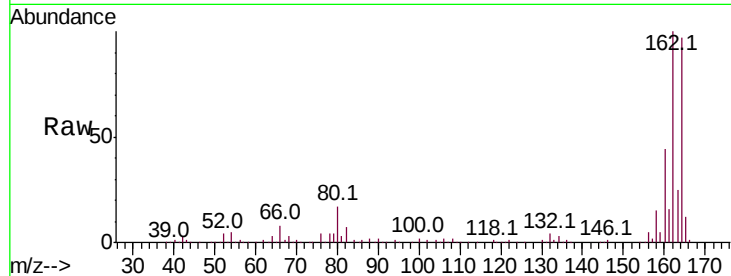




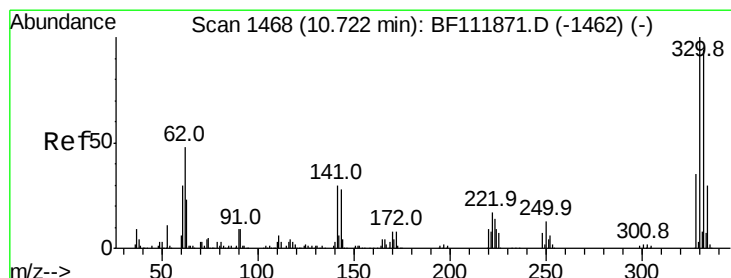
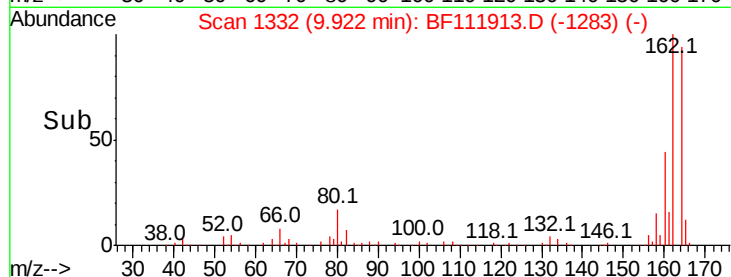
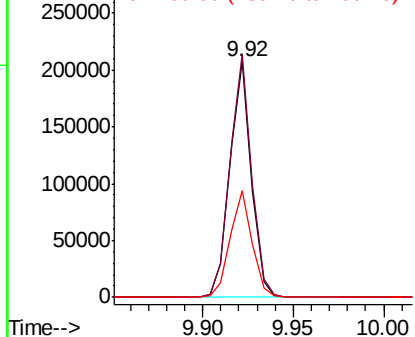
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111913.D
Acq: 8 Jan 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 171175
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.2
160 45.5 35.5 53.3

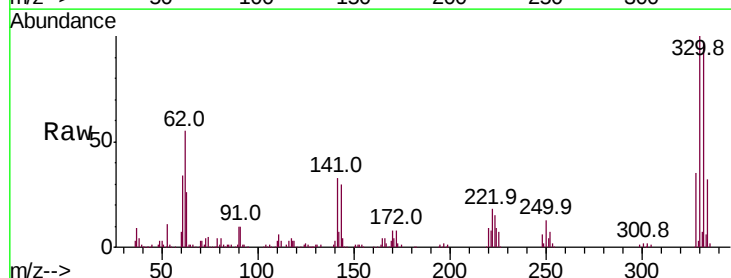


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

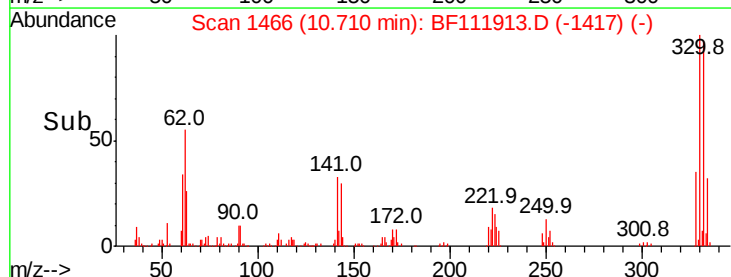
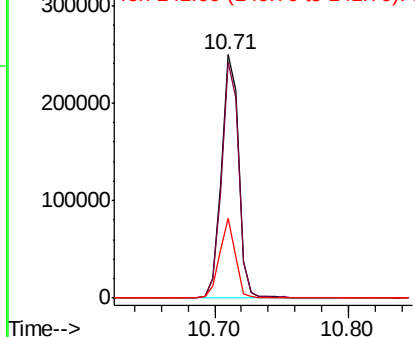


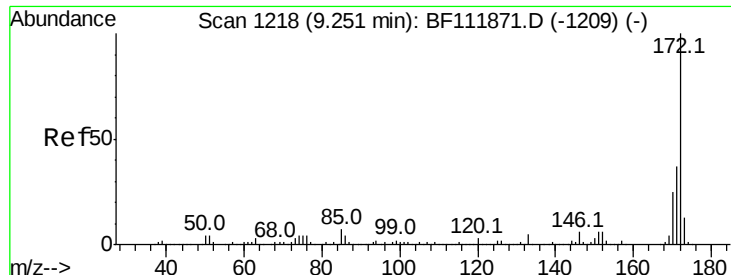
#42
2,4,6-Tribromophenol
Concen: 103.343 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111913.D
Acq: 8 Jan 2019 18:01

Tgt Ion:330 Resp: 230091
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 29.7 23.7 35.5



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

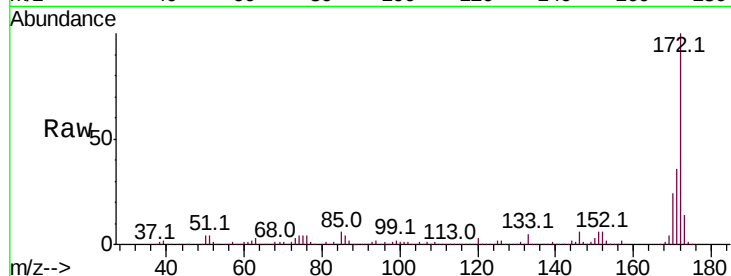




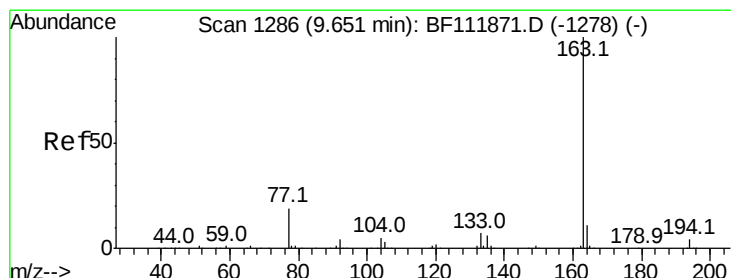
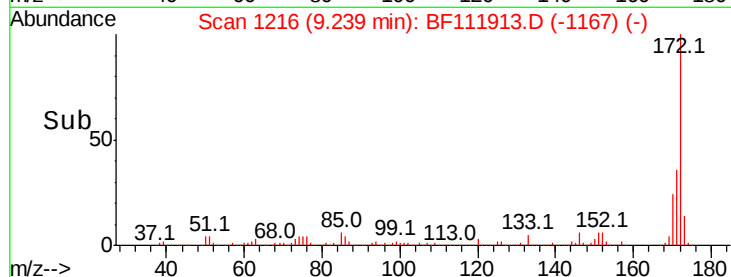
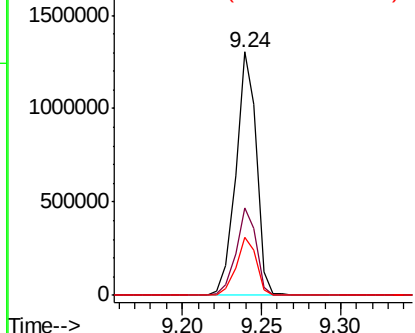
#45
2-Fluorobiphenyl
Concen: 99.369 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111913.D
Acq: 8 Jan 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1166474
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.6 19.8 29.8

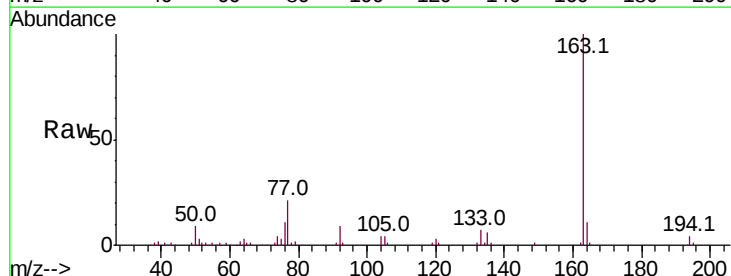


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

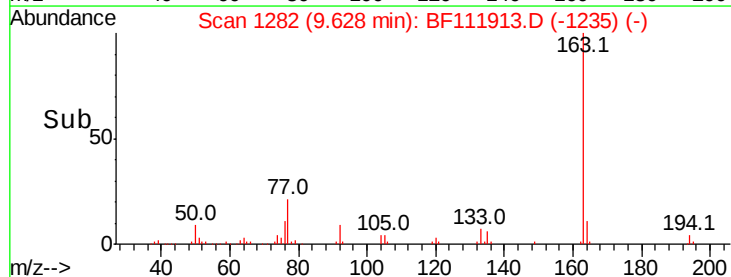
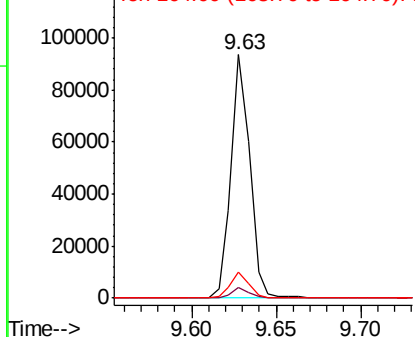


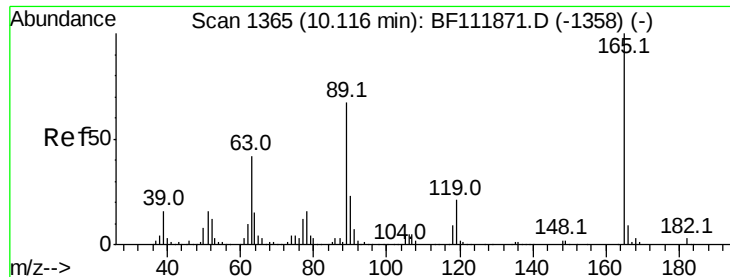
#50
Dimethylphthalate
Concen: 5.639 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111913.D
Acq: 8 Jan 2019 18:01

Tgt Ion:163 Resp: 72515
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.9 8.5 12.7



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

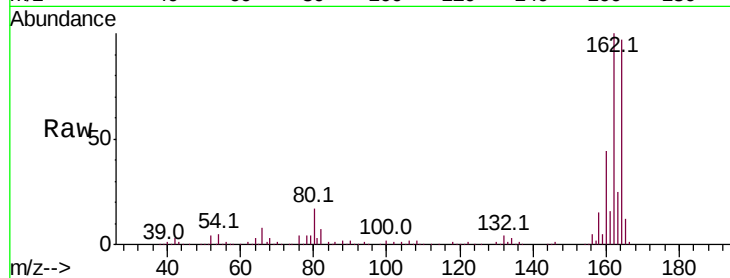




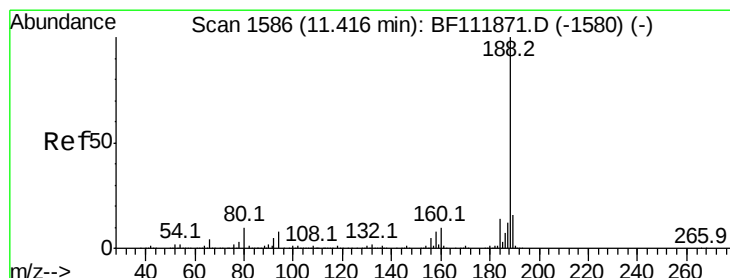
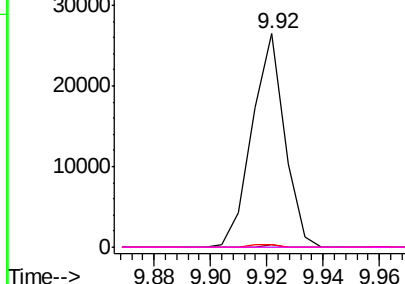
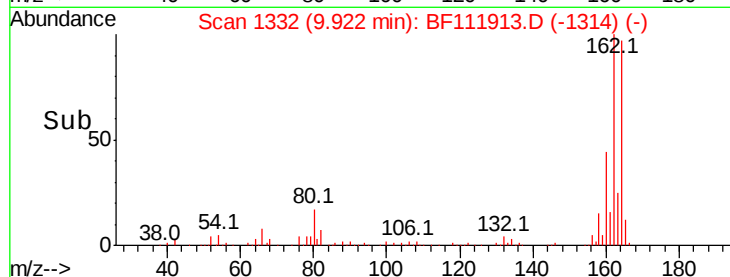
#57
2,4-Dinitrotoluene
Concen: 5.697 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF111913.D
Acq: 8 Jan 2019 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 21166
Ion Ratio Lower Upper
165 100
63 1.4 34.1 51.1#
89 1.3 53.5 80.3#
182 0.0 2.0 3.0#

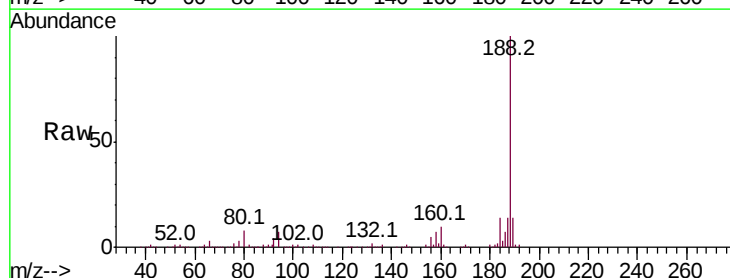


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

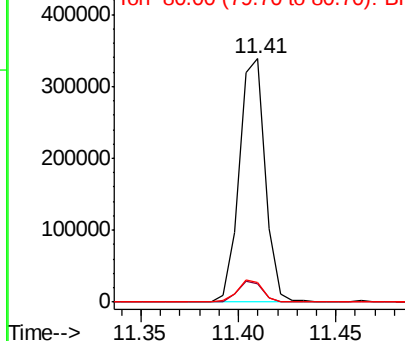
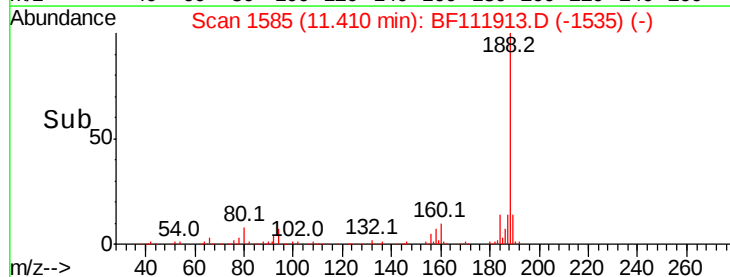


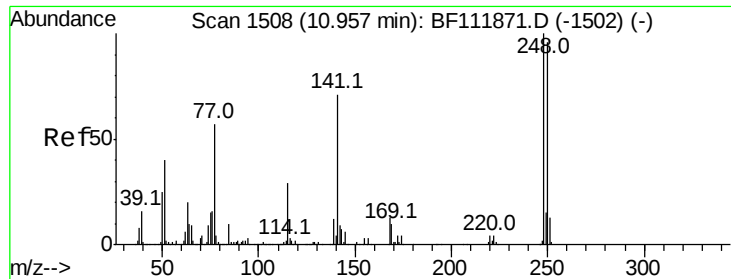
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111913.D
Acq: 8 Jan 2019 18:01

Tgt Ion:188 Resp: 311752
Ion Ratio Lower Upper
188 100
94 7.5 6.6 10.0
80 7.9 7.7 11.5



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

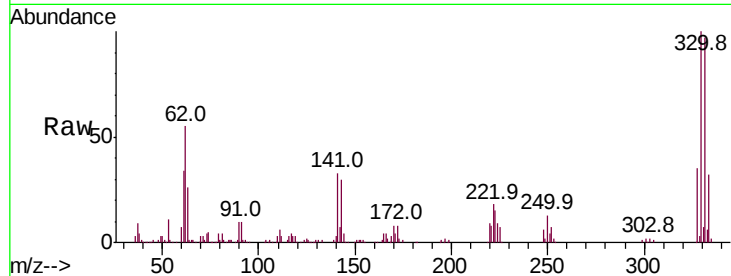




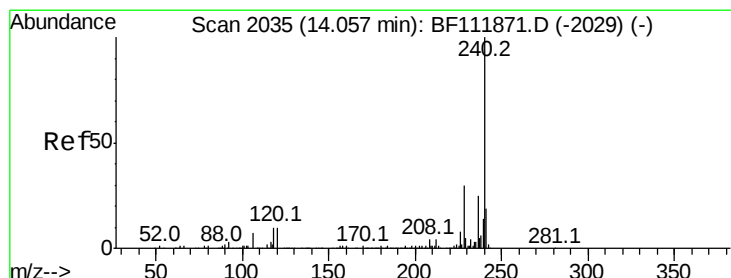
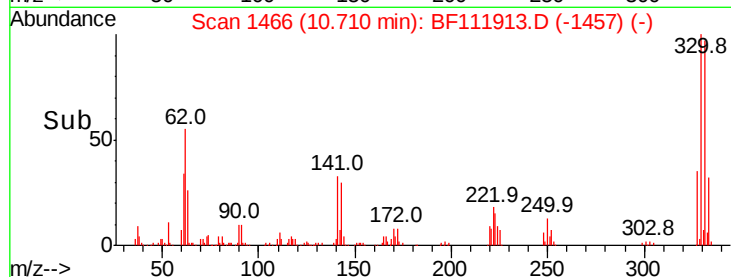
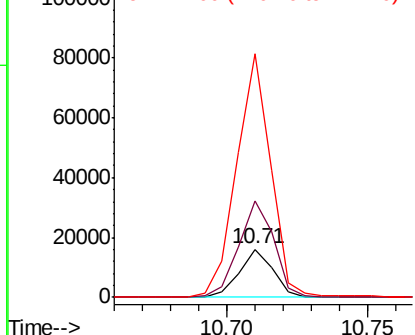
#67
 4-Bromophenyl-phenylether
 Concen: 3.303 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF111913.D
 Acq: 8 Jan 2019 18:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13339
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.8 115.2#
 141 510.0 57.0 85.6#

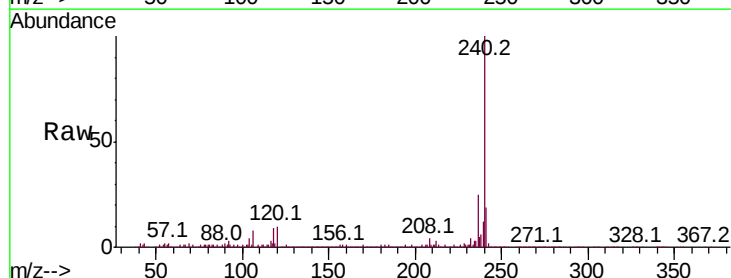


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

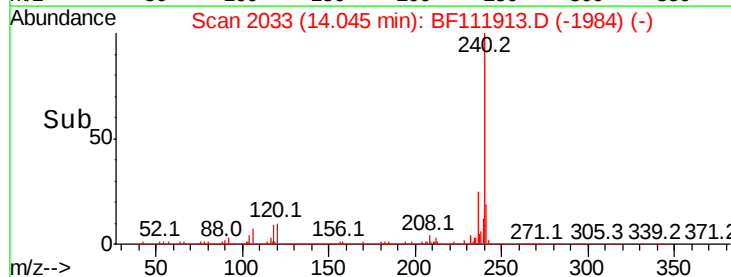
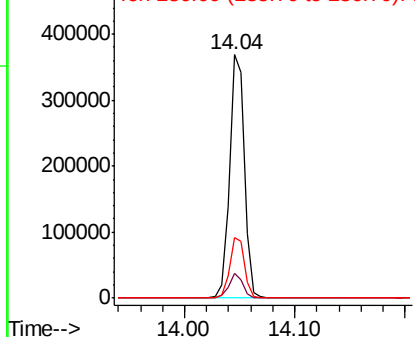


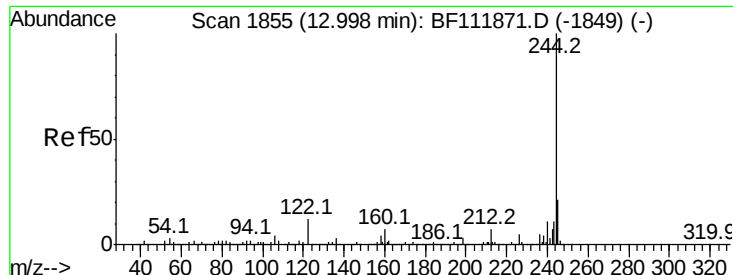
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111913.D
 Acq: 8 Jan 2019 18:01

Tgt Ion:240 Resp: 349778
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.2 12.2
 236 24.8 20.2 30.4



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: 57.515 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111913.D

Acq: 8 Jan 2019 18:01

Instrument :

BNA_F

ClientSampleId :

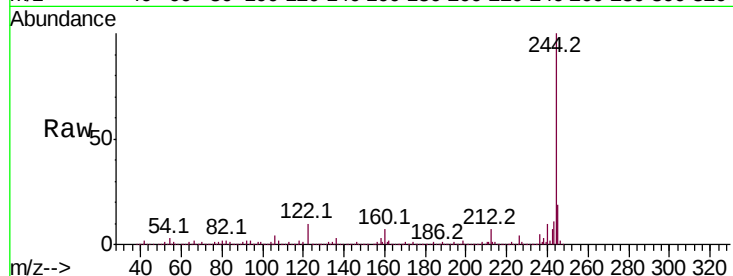
Tot Ion:244 Resp: 1059800

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

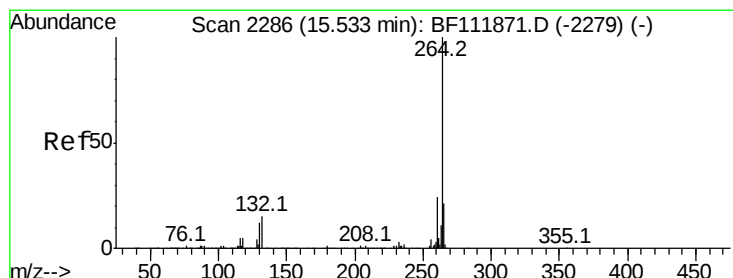
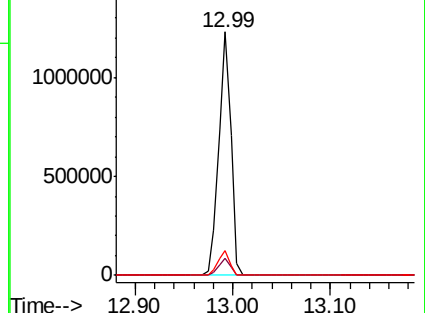
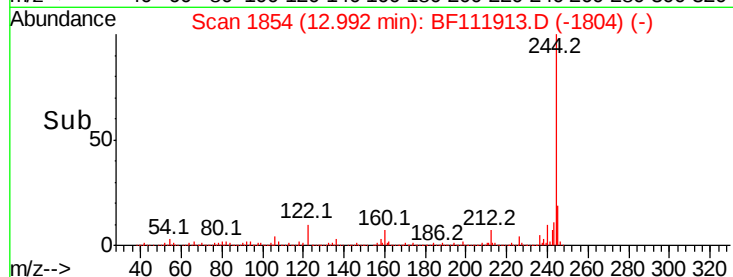
122 10.4 9.5 14.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF111913.D

Acq: 8 Jan 2019 18:01

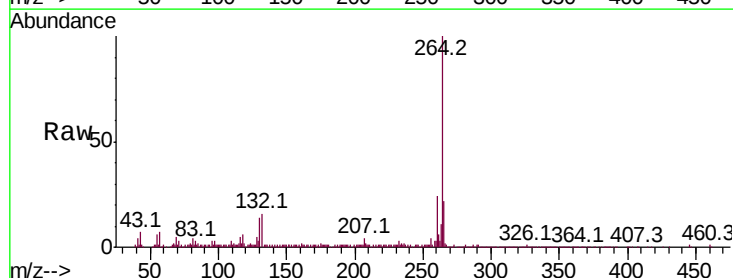
Tgt Ion:264 Resp: 250964

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.9 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

