

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111679.D
 Acq On : 21 Dec 2018 10:19
 Operator : JU/SJ
 Sample : J6353-09DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 21 13:46:11 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

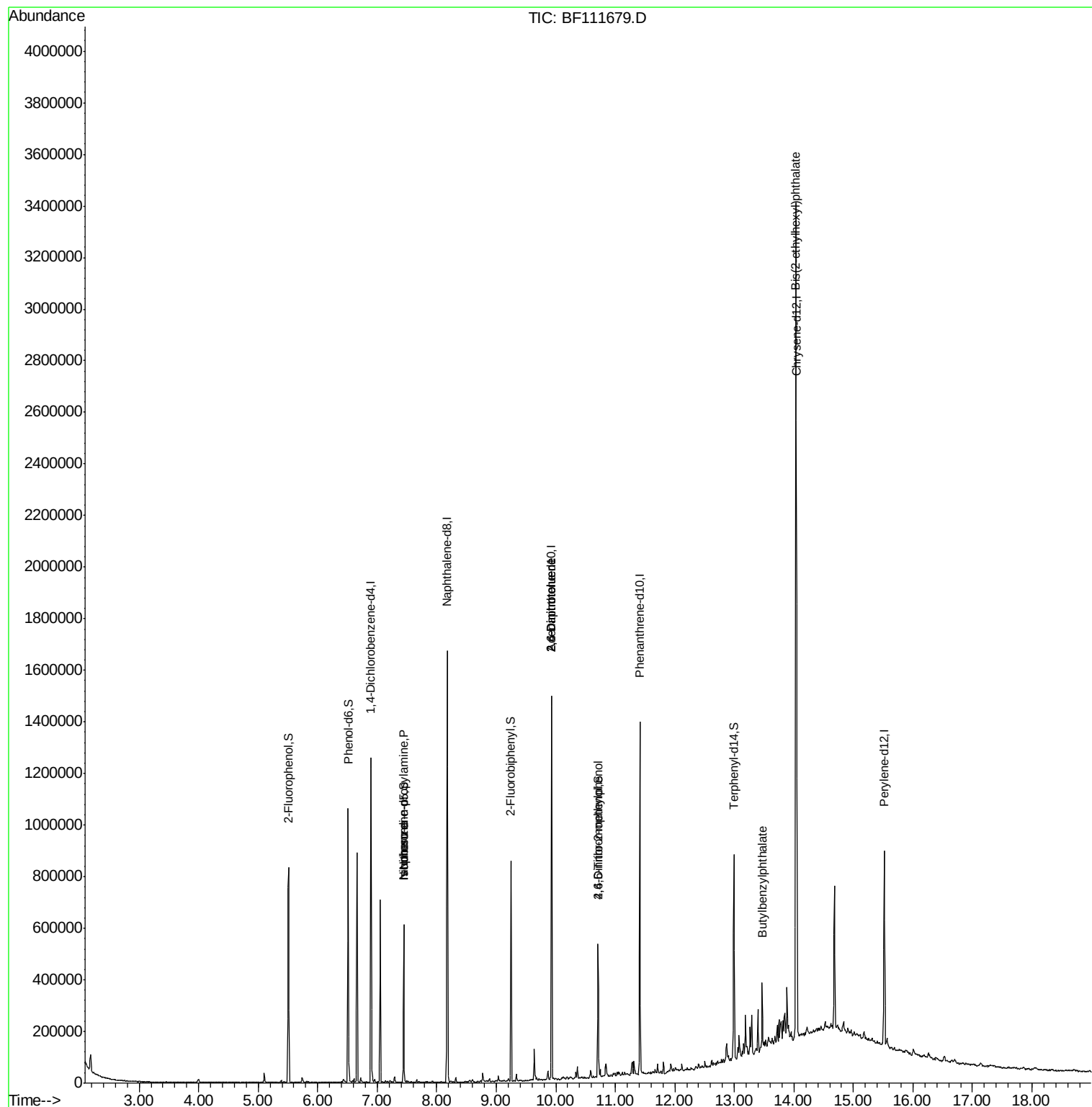
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	182418	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	675622	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	304500	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	491829	20.00	ng	0.00
76) Chrysene-d12	14.04	240	462081	20.00	ng	0.00
87) Perylene-d12	15.52	264	355359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	206928	19.34	ng	0.00
7) Phenol-d6	6.51	99	271531	19.94	ng	-0.01
23) Nitrobenzene-d5	7.45	82	153072	13.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	57080	15.86	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	262496	12.57	ng	0.00
79) Terphenyl-d14	12.99	244	236271	9.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	20614	2.279	ng	# 80
25) Isophorone	7.45	82	153068	7.428	ng	# 64
51) 2,6-Dinitrotoluene	9.93	165	40061	9.023	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	40061	7.507	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.71	198	106	6.738	ng	# 1
80) Butylbenzylphthalate	13.47	149	52469	3.945	ng	# 87
84) Bis(2-ethylhexyl)phthalate	14.03	149	771086	46.023	ng	# 99

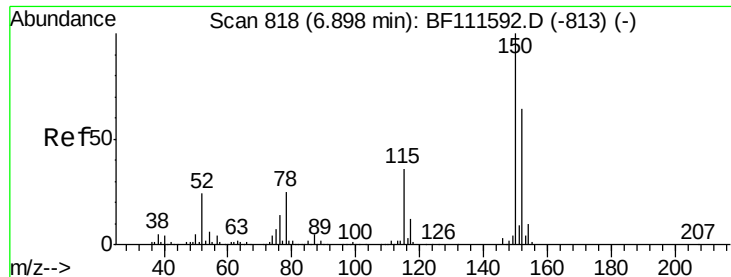
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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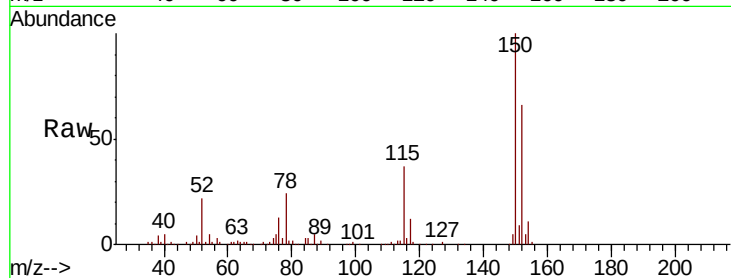


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111679.D
Acq: 21 Dec 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.6	189.8
115	56.1	50.7	76.1

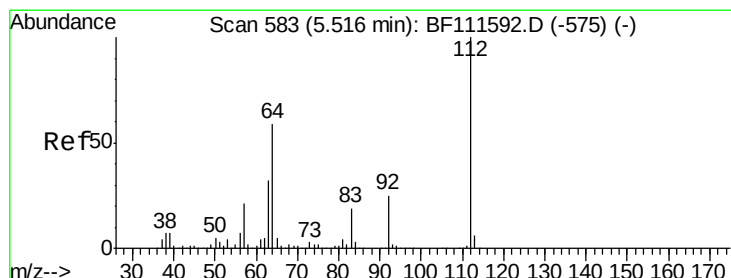
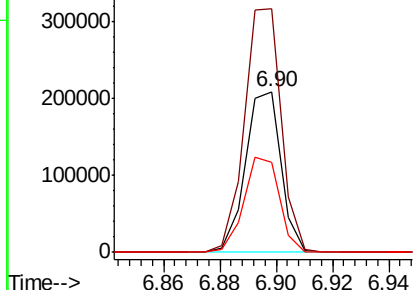
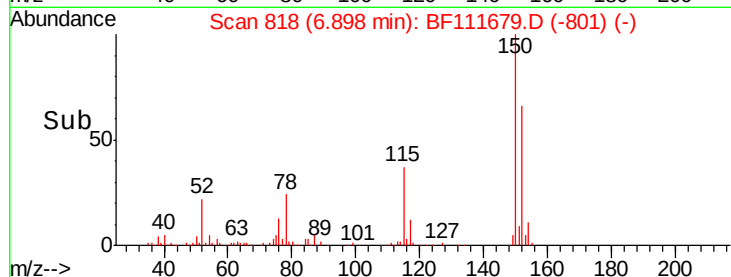


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

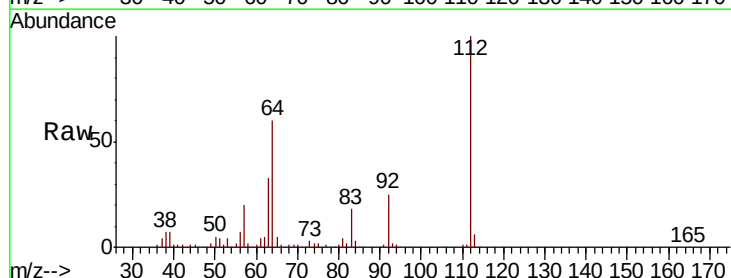
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.336 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111679.D
Acq: 21 Dec 2018 10:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	51.8	77.6
63	32.6	26.8	40.2

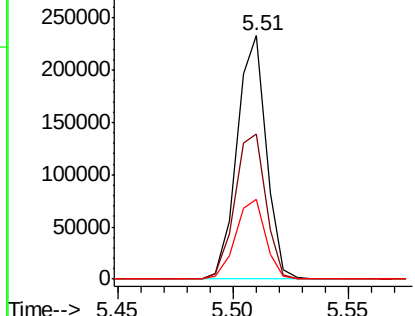
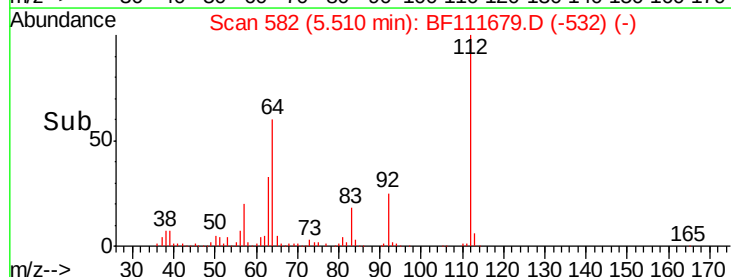


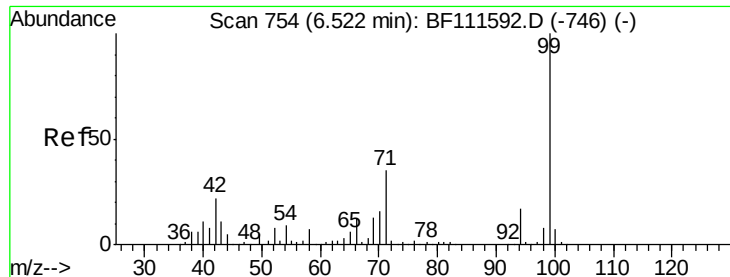
Abundance

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: 19.936 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111679.D

Acq: 21 Dec 2018 10:19

Instrument :

BNA_F

ClientSampleId :

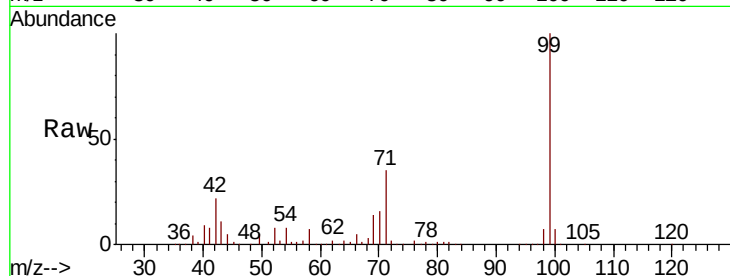
Tot Ion: 99 Resp: 271531

Ion Ratio Lower Upper

99 100

42 21.6 17.4 26.0

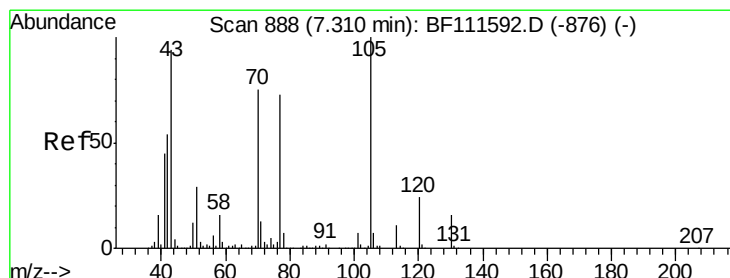
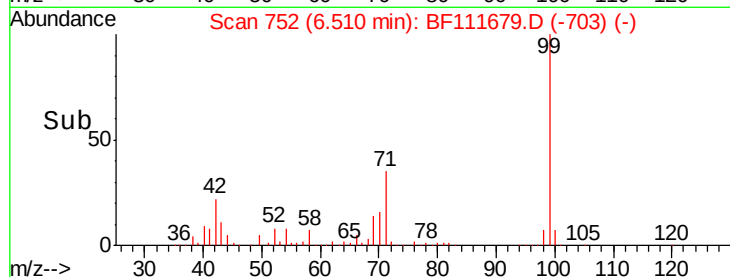
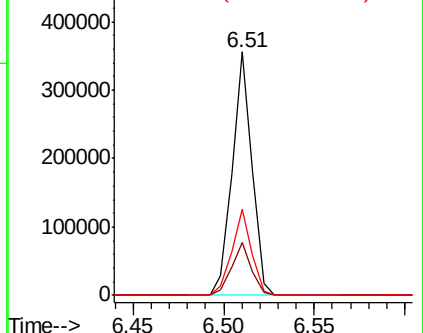
71 35.2 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.279 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF111679.D

Acq: 21 Dec 2018 10:19

Tgt Ion: 70 Resp: 20614

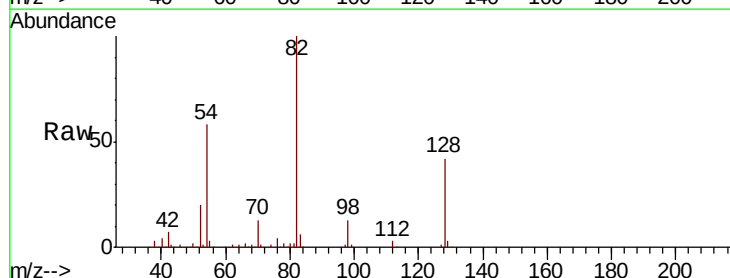
Ion Ratio Lower Upper

70 100

42 57.9 53.2 79.8

101 0.0 8.2 12.4#

130 2.2 18.1 27.1#

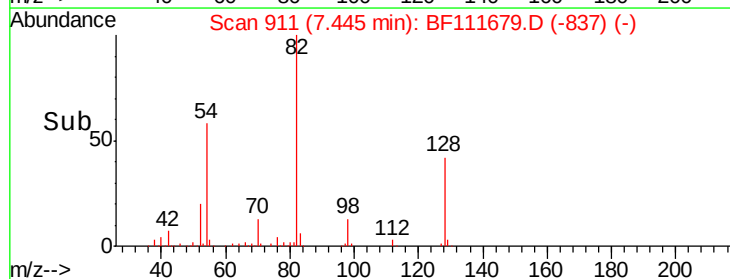
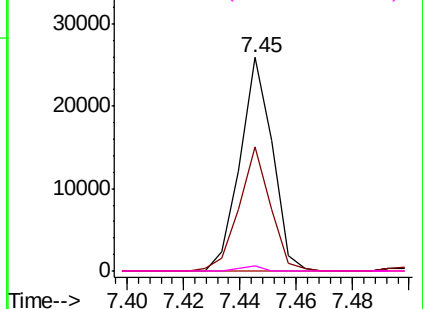


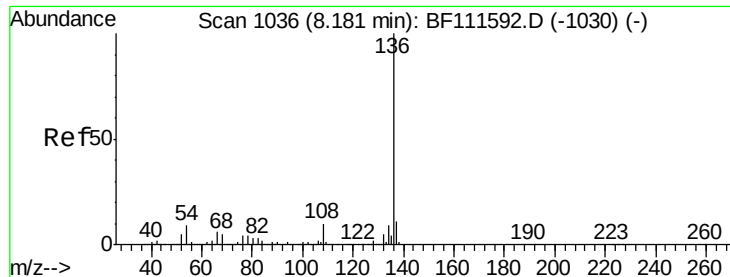
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

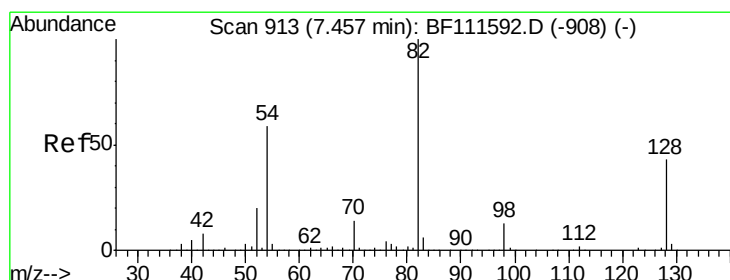
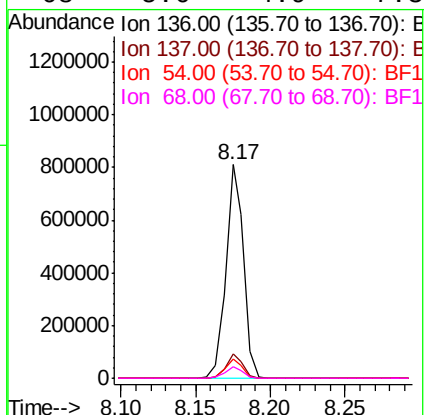
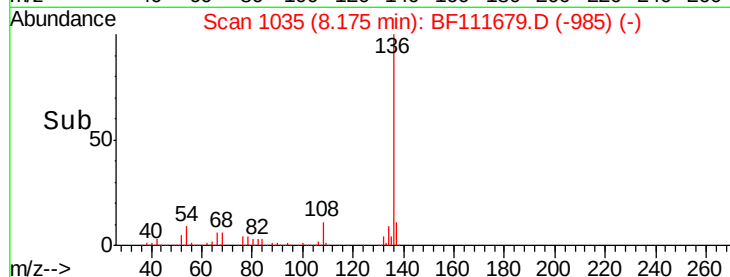
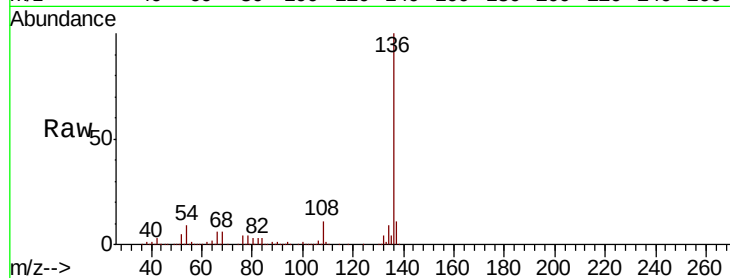




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111679.D
Acq: 21 Dec 2018 10:19

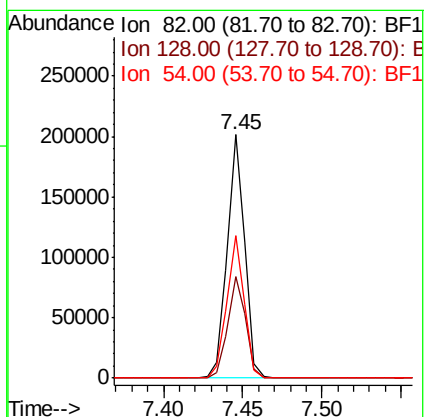
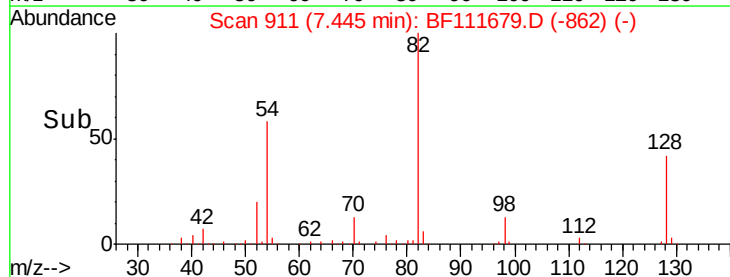
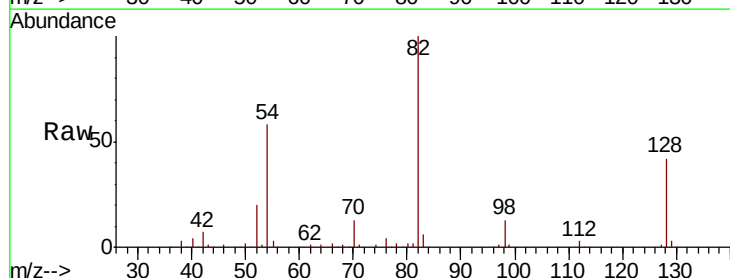
Instrument :
BNA_F
ClientSampleId :

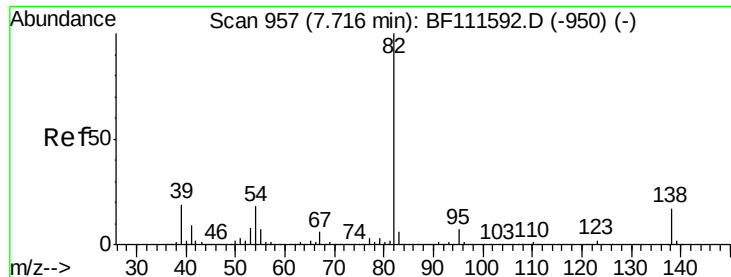
Tot Ion:136	Resp:	675622	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.1	13.7	
54 9.2	7.7	11.5	
68 5.6	4.9	7.3	



#23
Nitrobenzene-d5
Concen: 13.188 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111679.D
Acq: 21 Dec 2018 10:19

Tgt	Ion: 82	Resp:	153072
Ion	Ratio	Lower	Upper
82	100		
128	41.6	37.4	56.2
54	58.4	47.6	71.4





#25

Isophorone

Concen: 7.428 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.27 min

Lab File: BF111679.D

Acq: 21 Dec 2018 10:19

Instrument :

BNA_F

ClientSampleId :

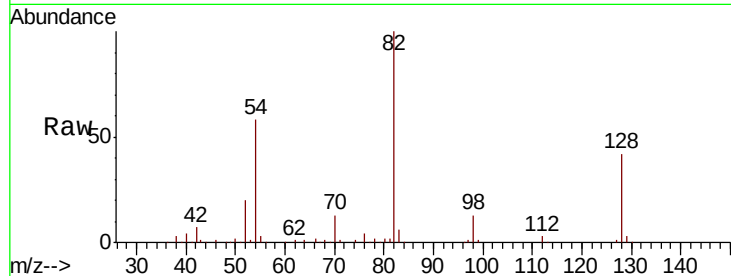
Tot Ion: 82 Resp: 153068

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

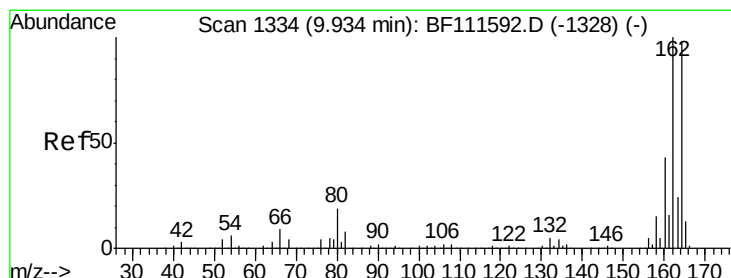
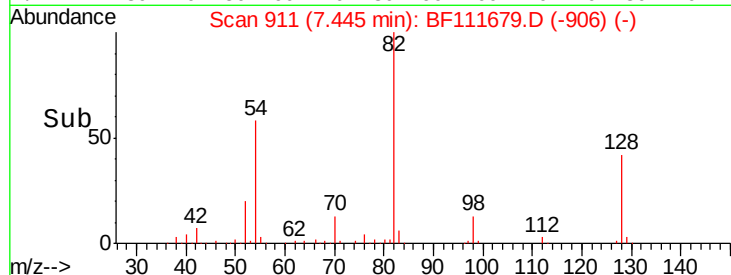
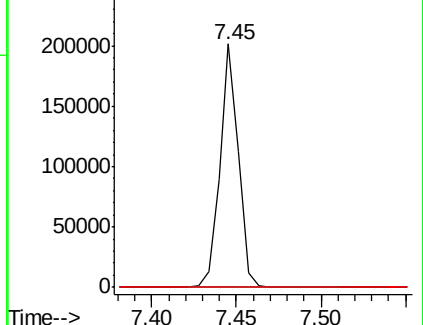
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF111679.D

Acq: 21 Dec 2018 10:19

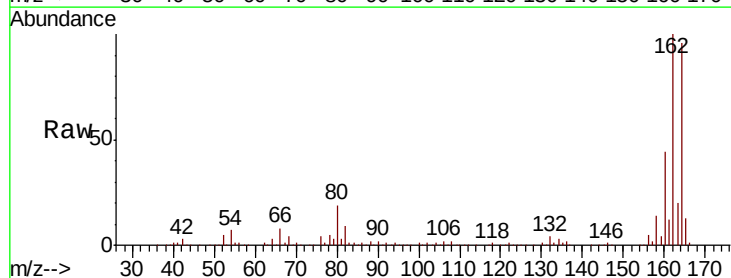
Tgt Ion:164 Resp: 304500

Ion Ratio Lower Upper

164 100

162 104.3 81.4 122.0

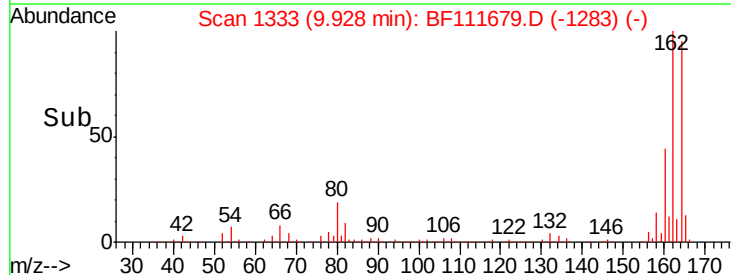
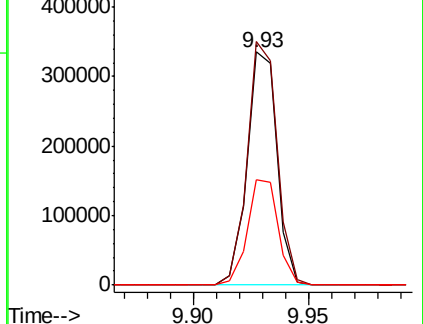
160 45.4 35.7 53.5

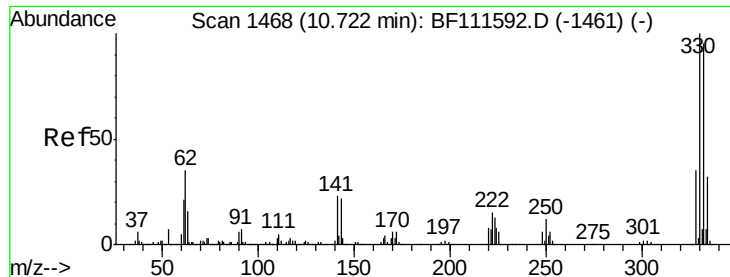


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

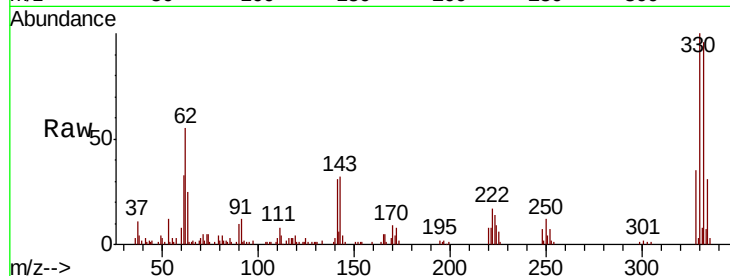




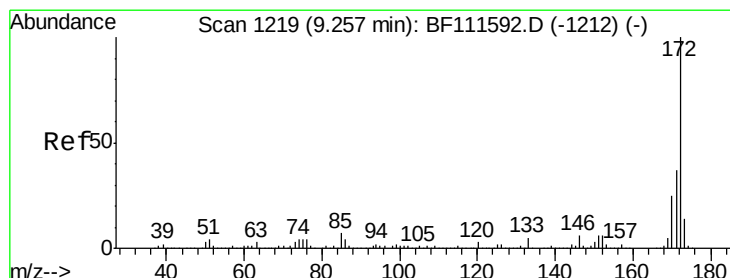
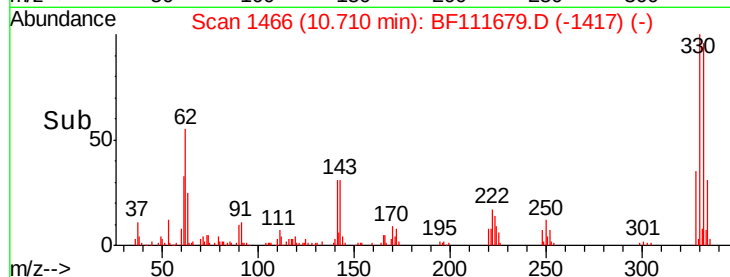
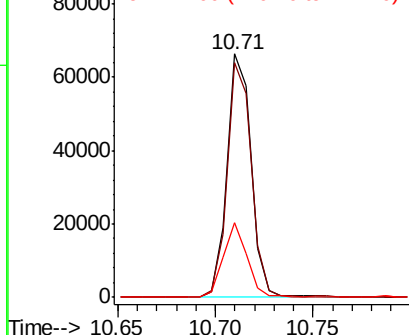
#42
 2,4,6-Tribromophenol
 Concen: 15.865 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111679.D
 Acq: 21 Dec 2018 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 57080
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.0 114.0
 141 29.6 31.0 46.6#

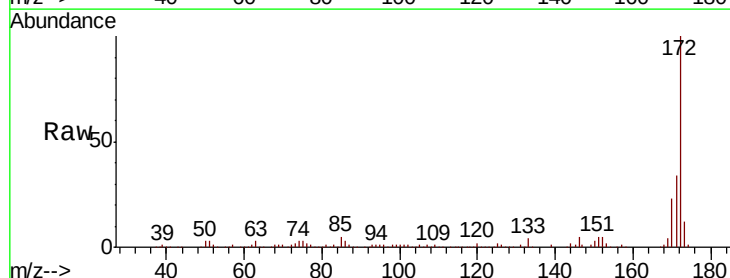


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

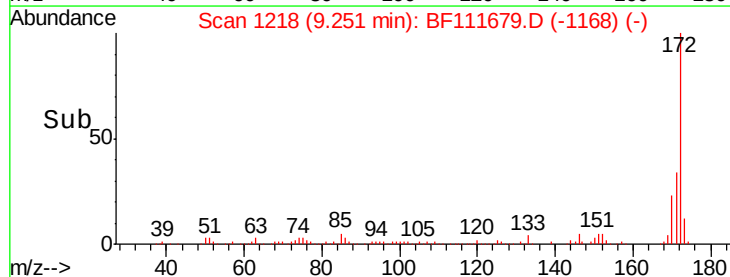
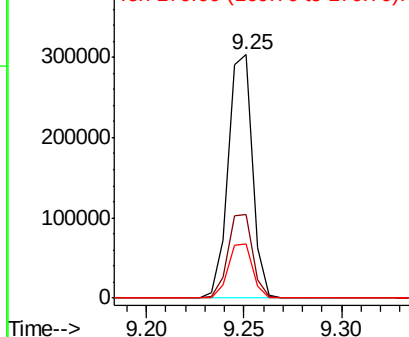


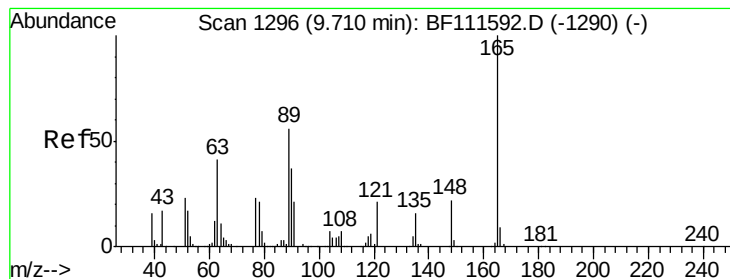
#45
 2-Fluorobiphenyl
 Concen: 12.565 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111679.D
 Acq: 21 Dec 2018 10:19

Tgt Ion:172 Resp: 262496
 Ion Ratio Lower Upper
 172 100
 171 34.3 33.0 49.4
 170 22.5 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





#51

2,6-Dinitrotoluene

Concen: 9.023 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.22 min

Lab File: BF111679.D

Acq: 21 Dec 2018 10:19

Instrument :

BNA_F

ClientSampleId :

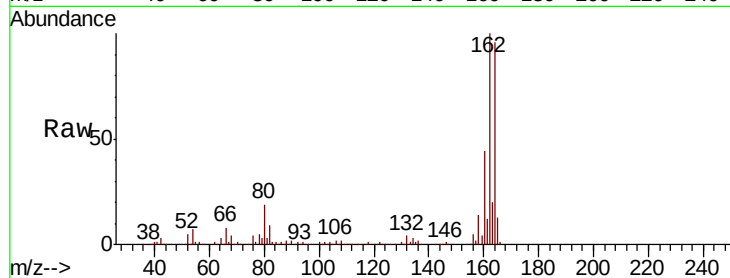
Tot Ion:165 Resp: 40061

Ion Ratio Lower Upper

165 100

63 1.7 40.5 60.7#

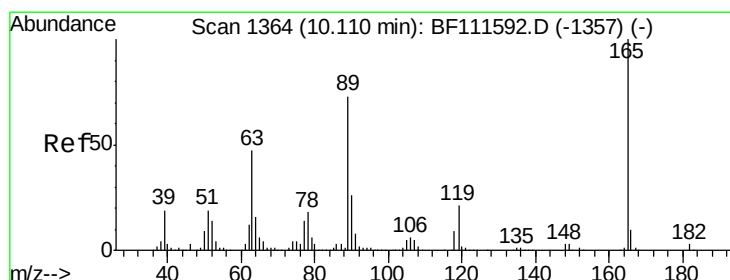
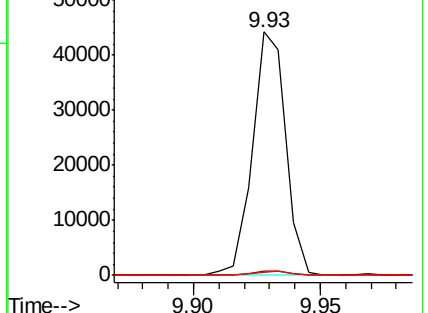
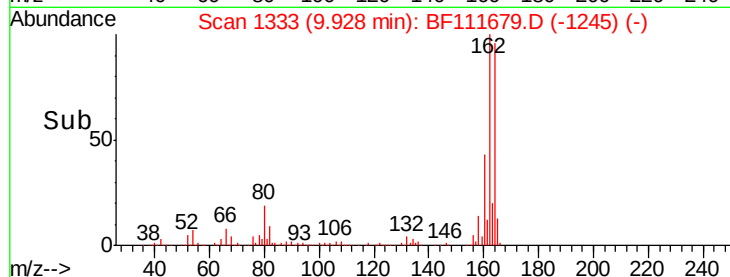
89 1.1 40.0 60.0#



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



#57

2,4-Dinitrotoluene

Concen: 7.507 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.18 min

Lab File: BF111679.D

Acq: 21 Dec 2018 10:19

Tgt Ion:165 Resp: 40061

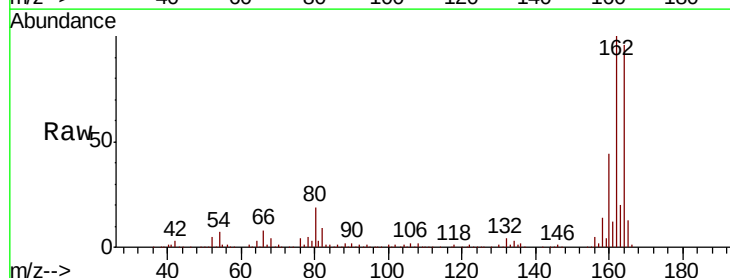
Ion Ratio Lower Upper

165 100

63 1.7 34.6 52.0#

89 1.1 56.2 84.4#

182 0.0 1.8 2.6#

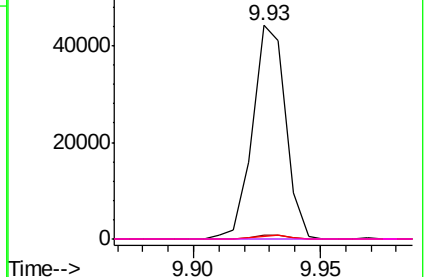
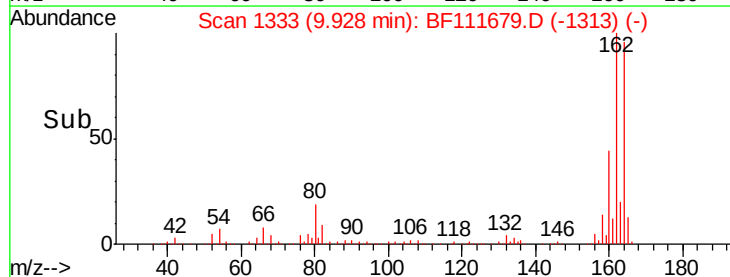


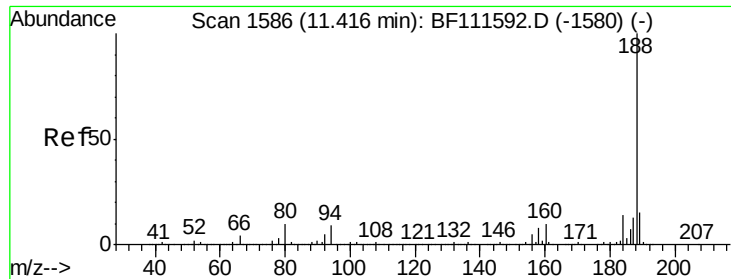
Abundance Ion 165.00 (164.70 to 165.70): E

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

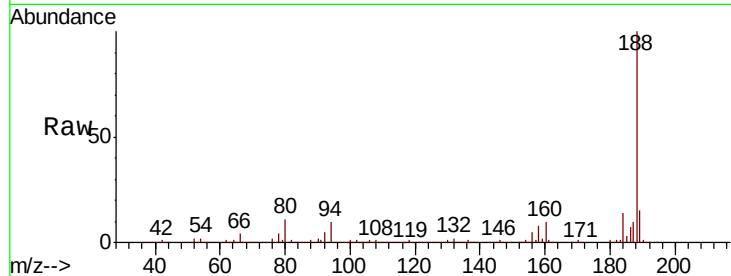




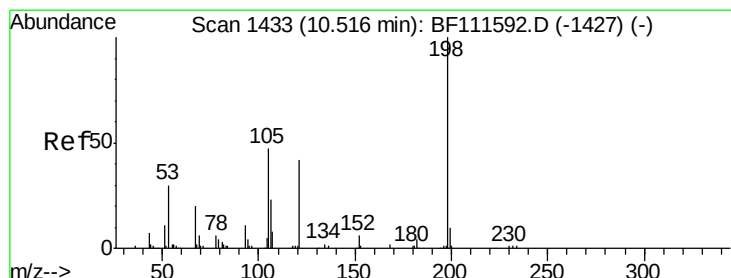
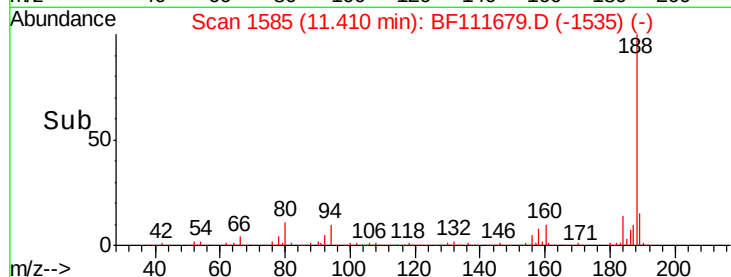
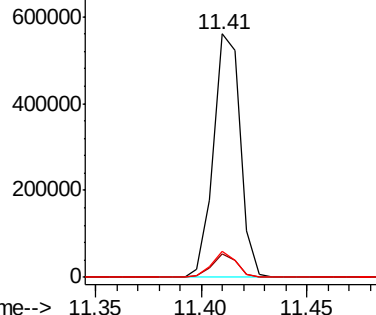
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111679.D
 Acq: 21 Dec 2018 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 491829
 Ion Ratio Lower Upper
 188 100
 94 9.5 9.6 14.4#
 80 10.7 9.8 14.6

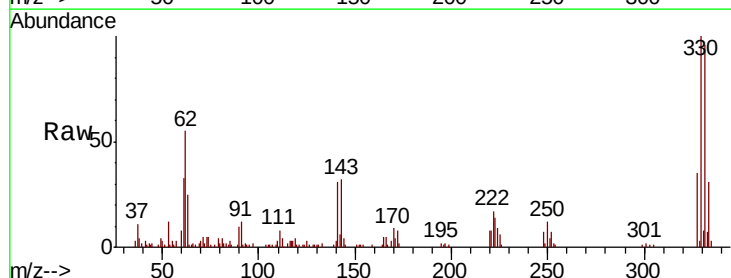


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

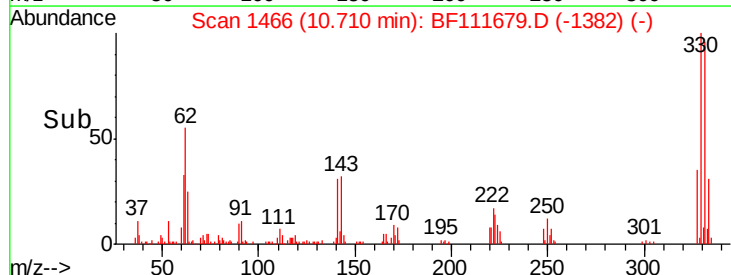
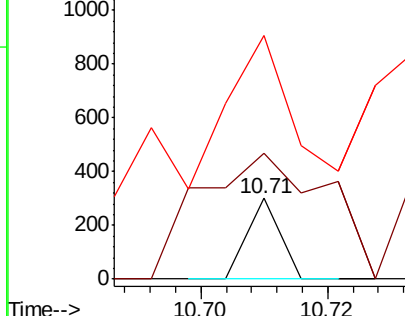


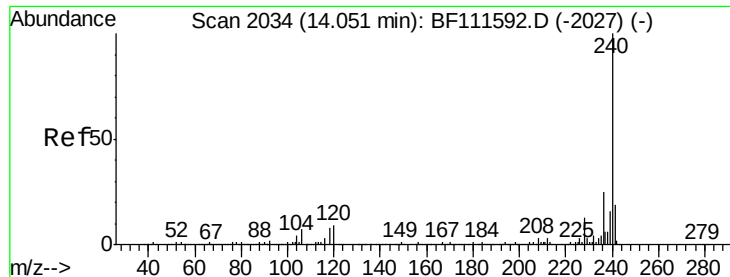
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.738 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF111679.D
 Acq: 21 Dec 2018 10:19

Tgt Ion:198 Resp: 106
 Ion Ratio Lower Upper
 198 100
 51 155.3 48.0 88.0#
 105 302.0 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

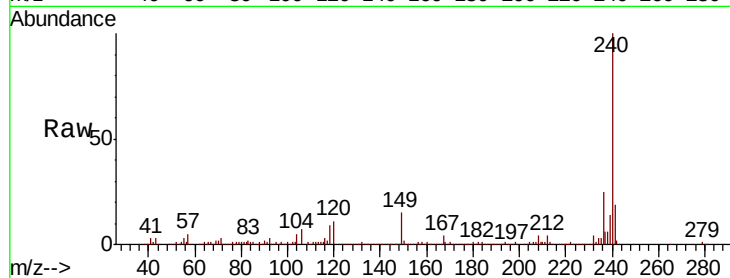




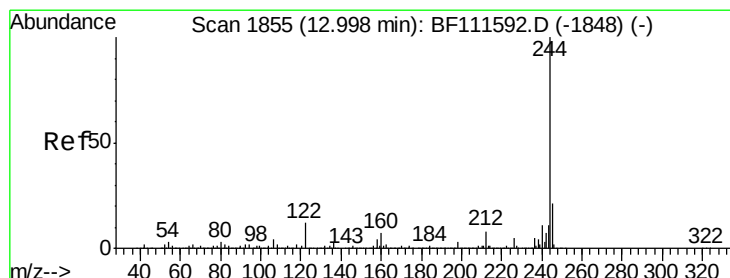
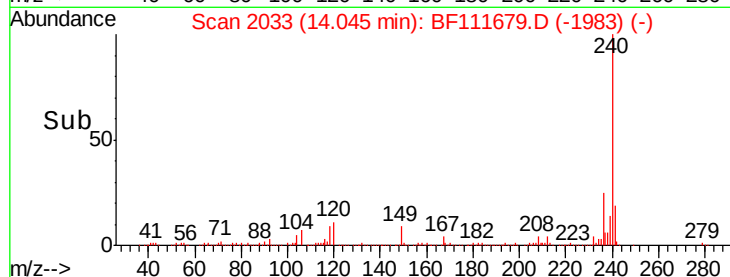
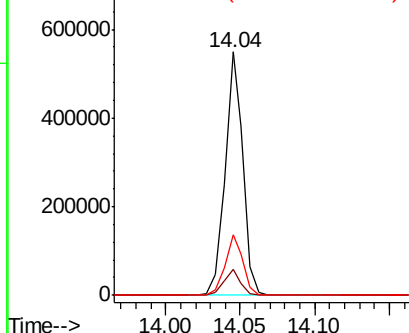
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111679.D
 Acq: 21 Dec 2018 10:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	12.2	18.2#
236	24.8	20.2	30.2

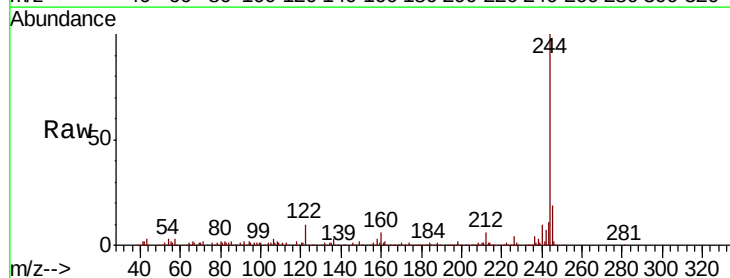


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

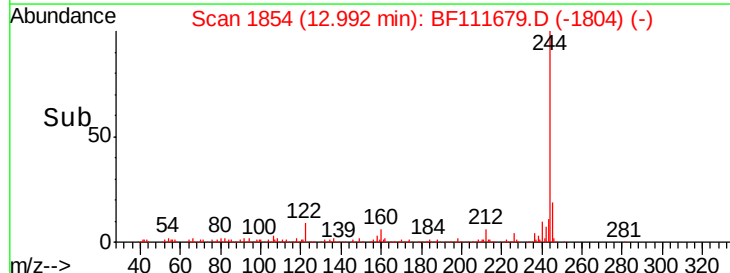
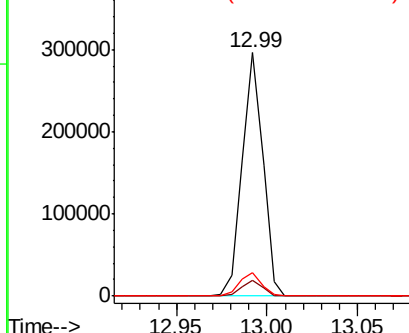


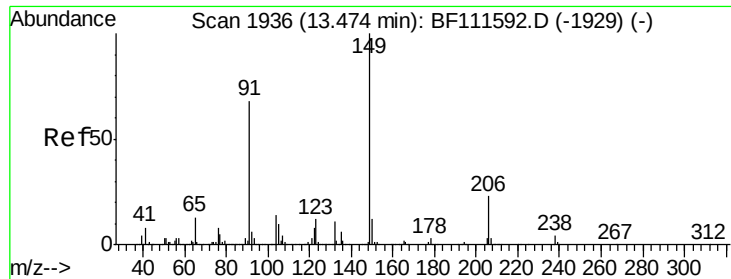
#79
 Terphenyl-d14
 Concen: 9.697 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111679.D
 Acq: 21 Dec 2018 10:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	9.6	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

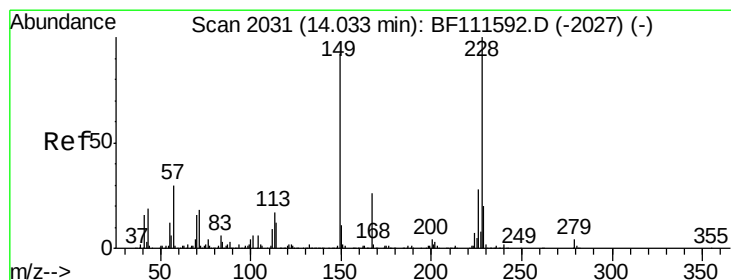
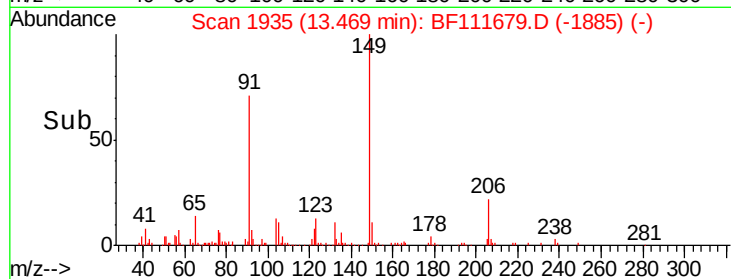
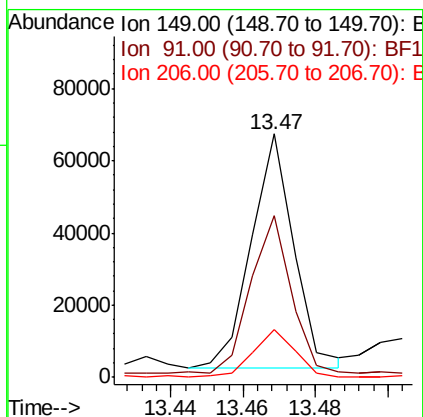
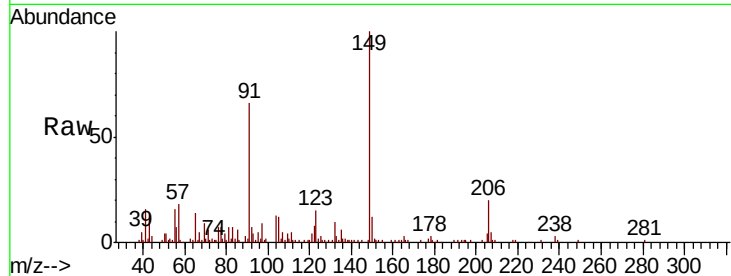




#80
 Butylbenzylphthalate
 Concen: 3.945 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BF111679.D
 Acq: 21 Dec 2018 10:19

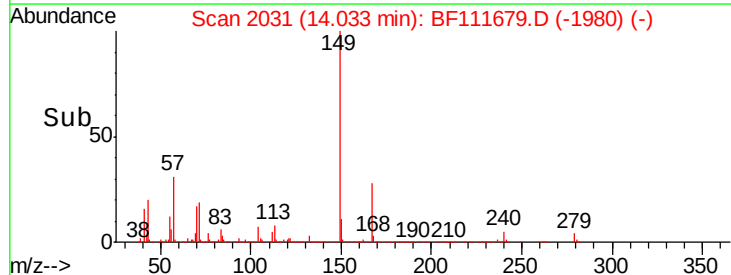
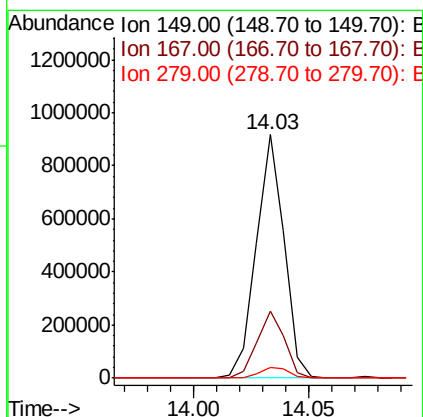
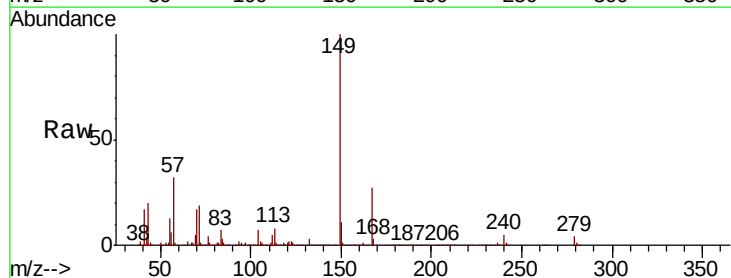
Instrument :
 BNA_F
 ClientSampleId :

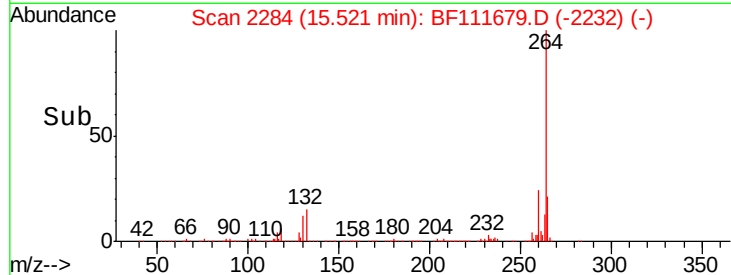
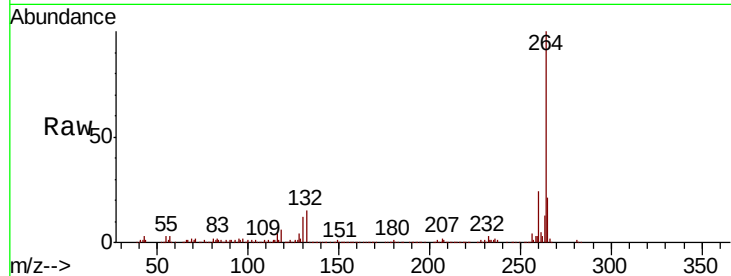
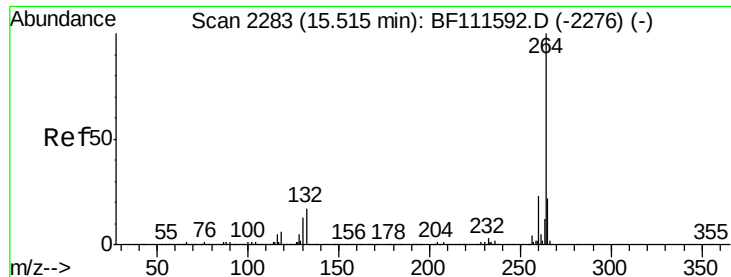
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.2	63.8	95.6
206	19.9	15.1	22.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.023 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111679.D
 Acq: 21 Dec 2018 10:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.5	33.7
279	4.2	2.6	4.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111679.D
Acq: 21 Dec 2018 10:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	355359
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.1	17.7	26.5

