

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111082.D
 Acq On : 29 Nov 2018 9:17
 Operator : JU/SJ
 Sample : J6078-16
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 09:52:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

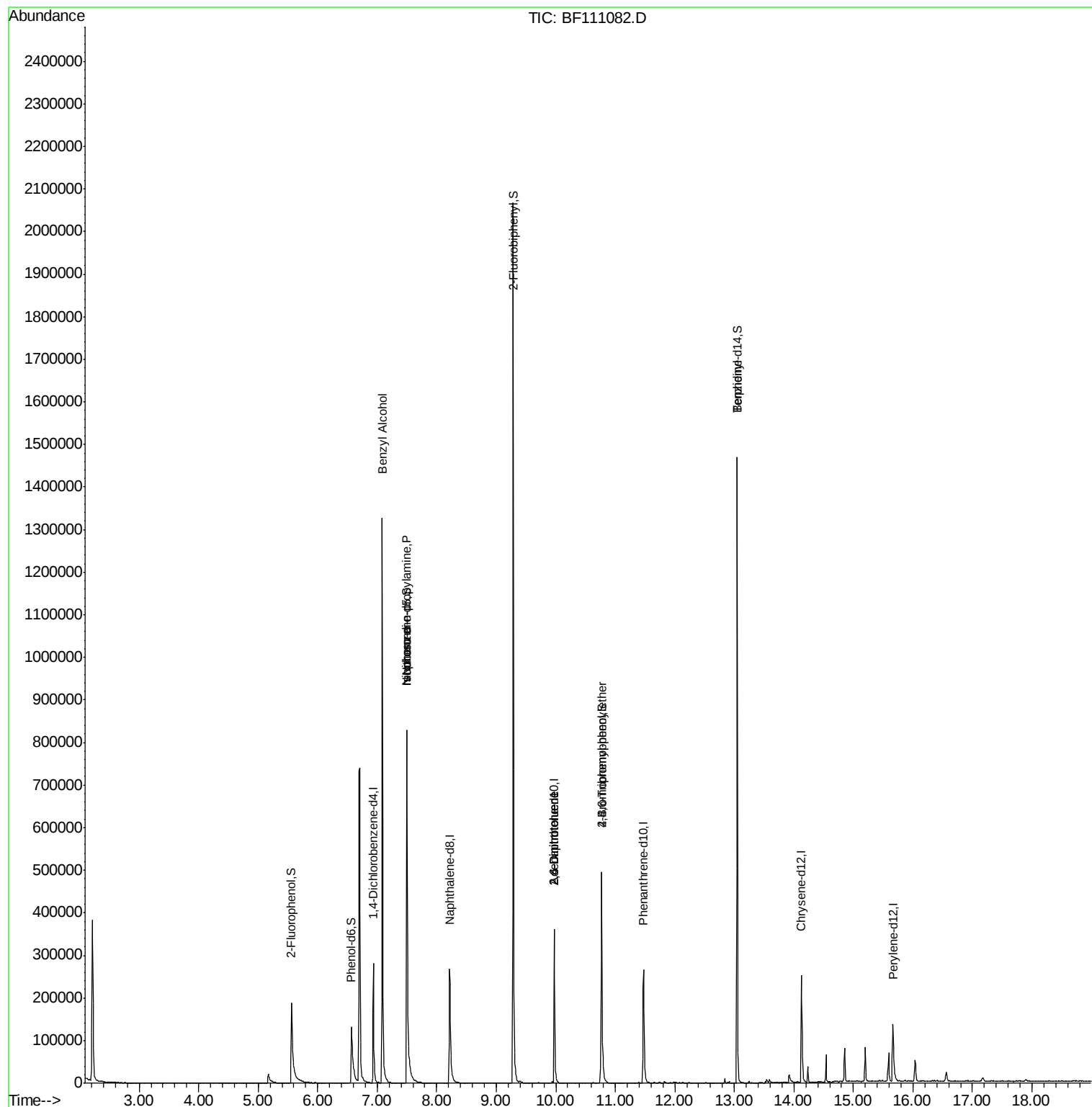
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	49669	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	207728	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	91310	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	150447	20.00	ng	0.00
76) Chrysene-d12	14.13	240	116025	20.00	ng	0.00
87) Perylene-d12	15.66	264	94084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	126729	42.31	ng	0.01
7) Phenol-d6	6.57	99	100101	25.65	ng	0.00
23) Nitrobenzene-d5	7.50	82	354857	97.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	74409	82.05	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	665099	105.53	ng	0.00
79) Terphenyl-d14	13.05	244	509103	85.42	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.09	79	6013	2.005	ng	# 44
19) n-Nitroso-di-n-propylamine	7.50	70	46965	18.472	ng	# 82
25) Isophorone	7.50	82	354857	59.600	ng	# 67
51) 2,6-Dinitrotoluene	9.97	165	10904	7.314	ng	# 21
57) 2,4-Dinitrotoluene	9.97	165	10904	5.637	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4512	2.754	ng	# 1
77) Benzidine	13.05	184	6549	2.207	ng	96

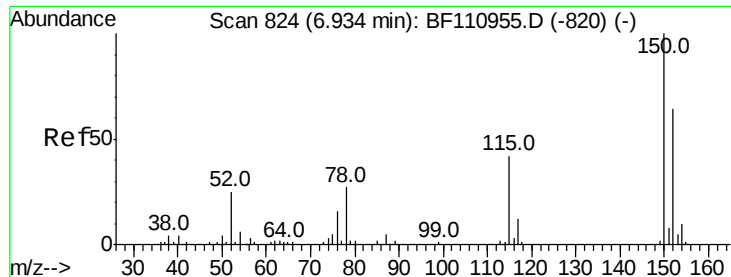
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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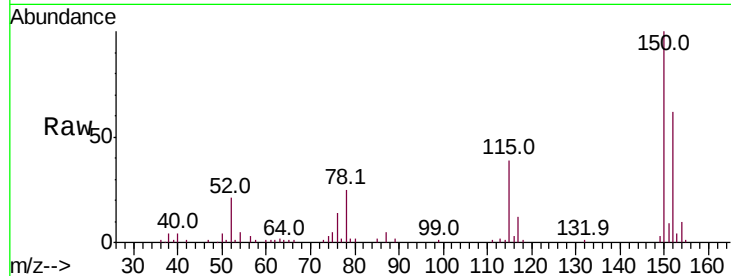


#1

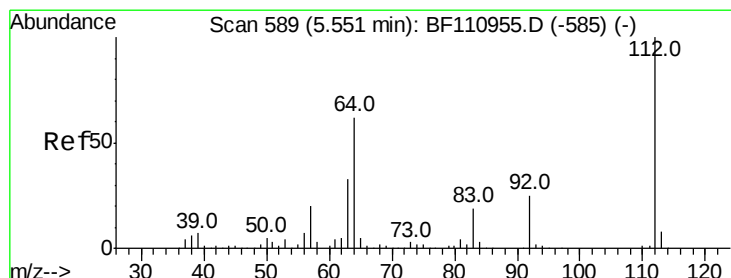
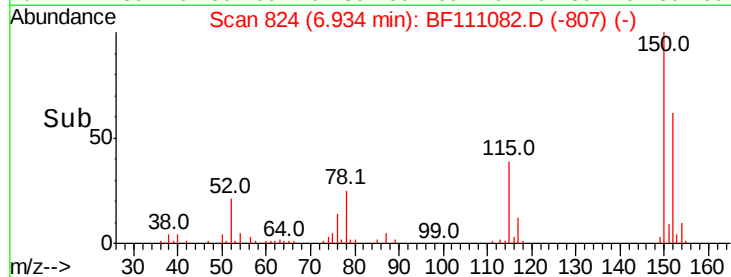
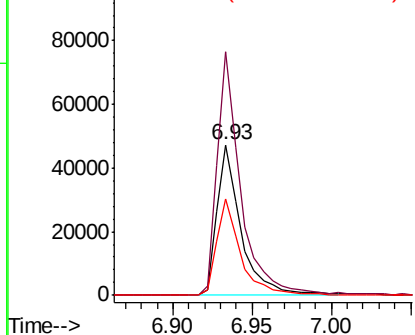
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111082.D
Acq: 29 Nov 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 49669
Ion Ratio Lower Upper
152 100
150 161.9 122.7 184.1
115 63.8 49.1 73.7



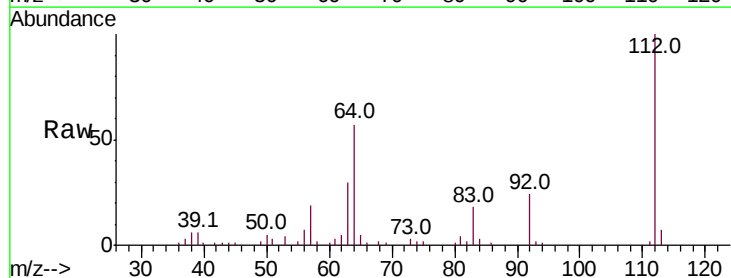
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



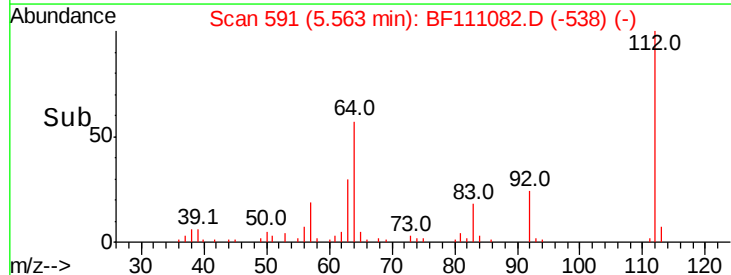
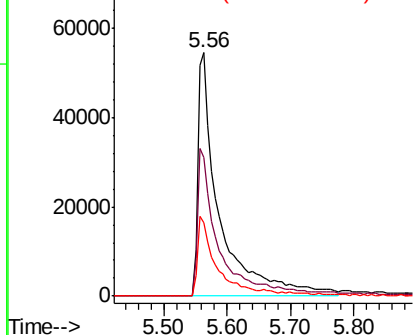
#5

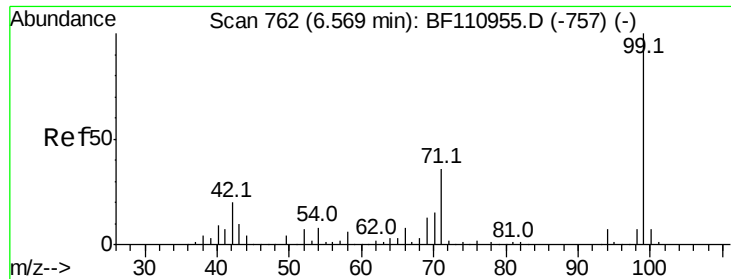
2-Fluorophenol
Concen: 42.311 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111082.D
Acq: 29 Nov 2018 9:17

Tgt Ion:112 Resp: 126729
Ion Ratio Lower Upper
112 100
64 57.1 44.1 66.1
63 30.2 23.7 35.5



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: 25.646 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111082.D

Acq: 29 Nov 2018 9:17

Instrument :

BNA_F

ClientSampleId :

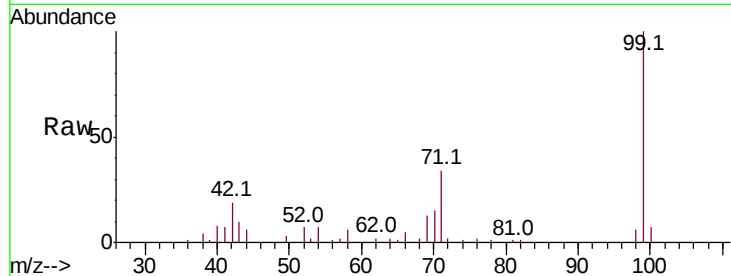
Tot Ion: 99 Resp: 100101

Ion Ratio Lower Upper

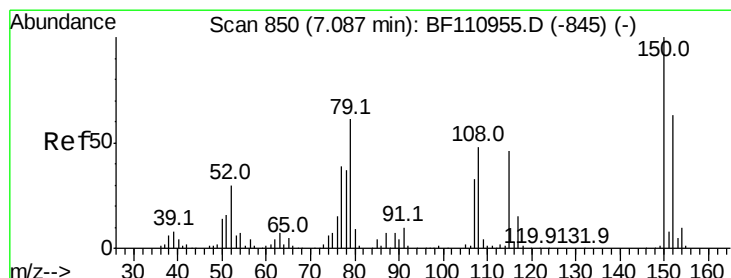
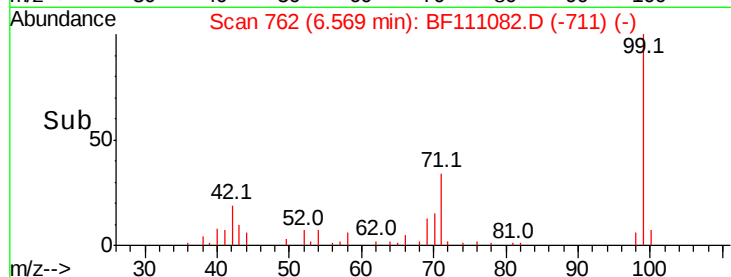
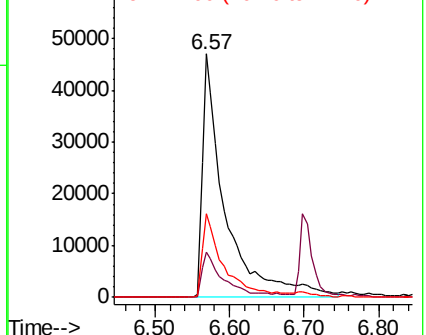
99 100

42 18.8 15.8 23.6

71 34.3 28.0 42.0



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



#15

Benzyl Alcohol

Concen: 2.005 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111082.D

Acq: 29 Nov 2018 9:17

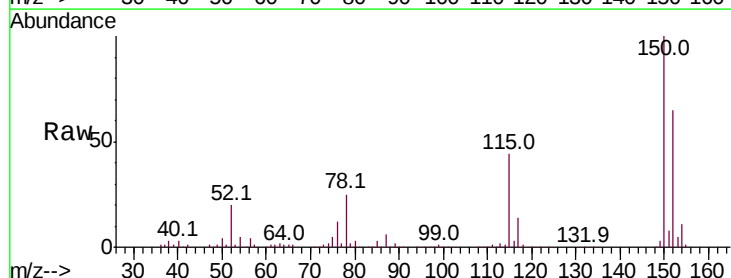
Tgt Ion: 79 Resp: 6013

Ion Ratio Lower Upper

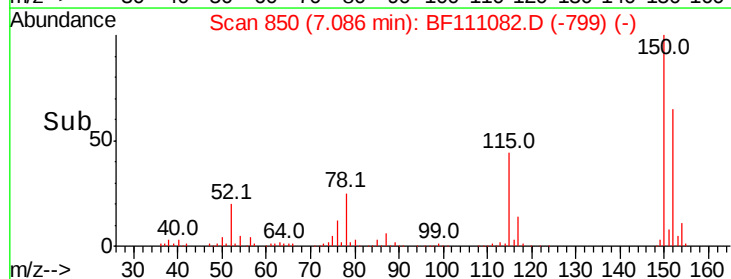
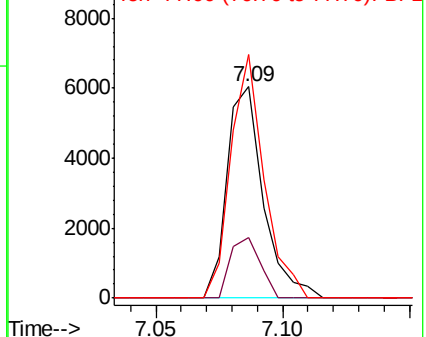
79 100

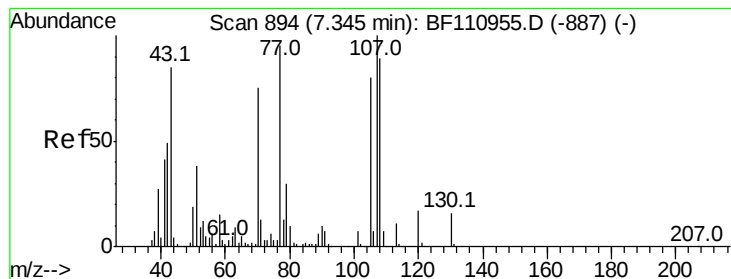
108 28.5 56.3 84.5#

77 115.3 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 18.472 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.15 min

Lab File: BF111082.D

Acq: 29 Nov 2018 9:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 46965

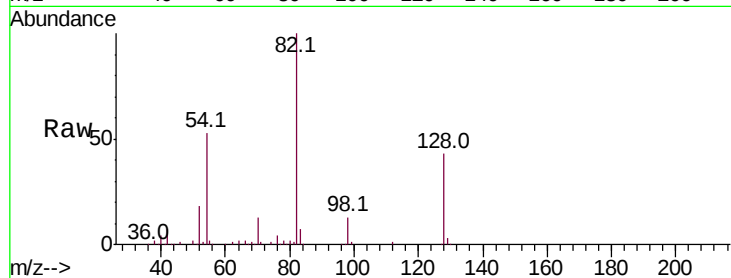
Ion Ratio Lower Upper

70 100

42 52.2 47.4 71.2

101 0.0 7.3 10.9#

130 2.3 16.2 24.2#

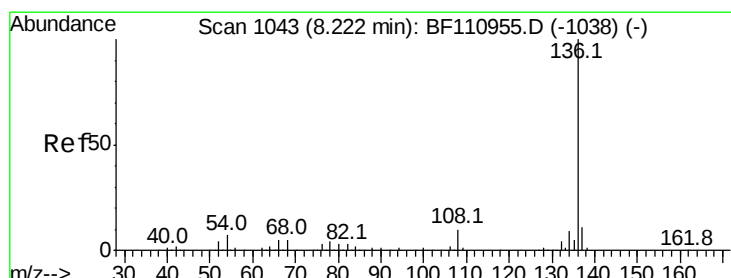
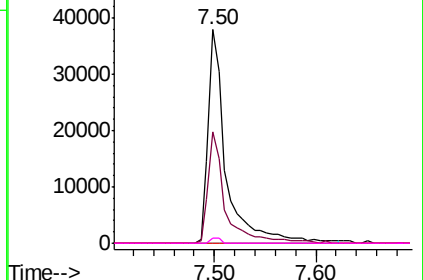
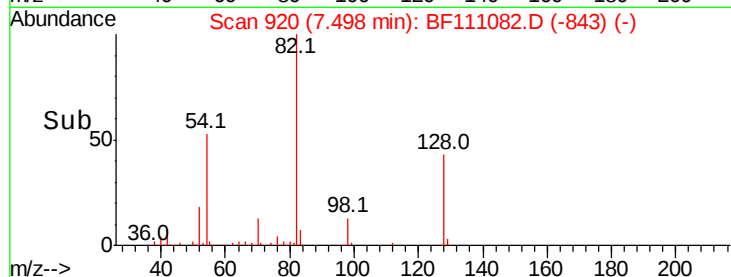


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111082.D

Acq: 29 Nov 2018 9:17

Tgt Ion: 136 Resp: 207728

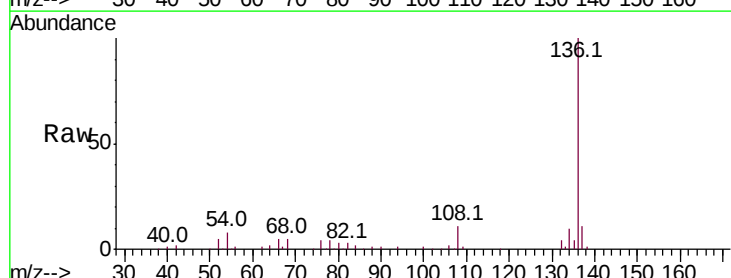
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.4 5.4 8.2#

68 5.2 4.2 6.2

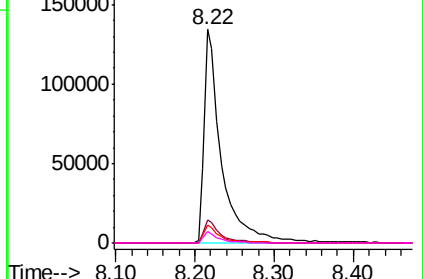
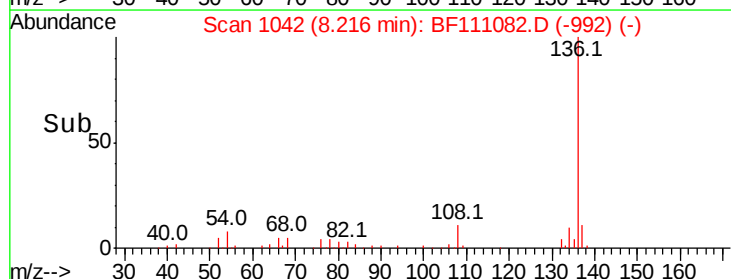


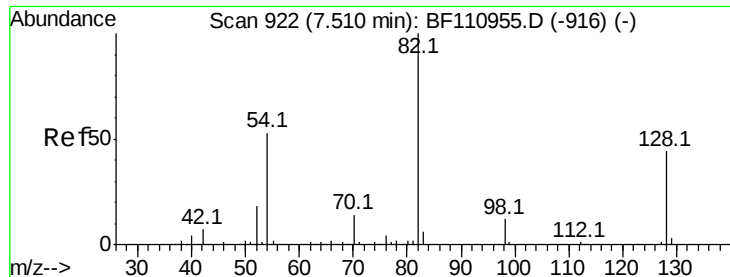
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

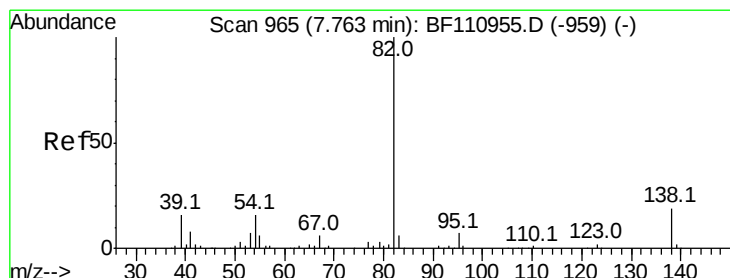
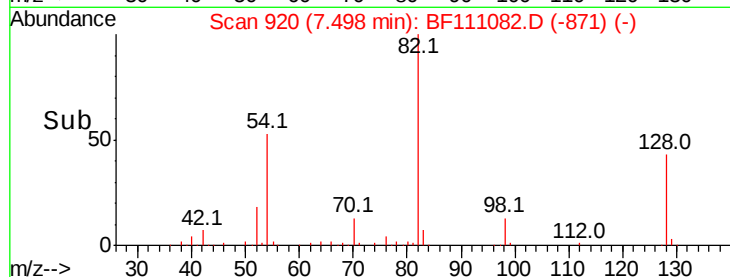
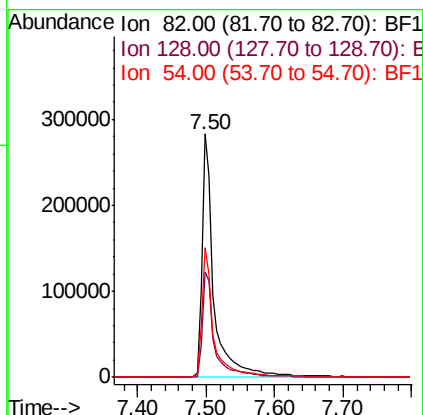
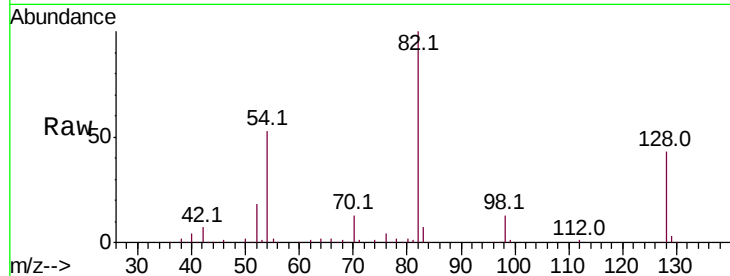




#23
 Nitrobenzene-d5
 Concen: 97.766 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

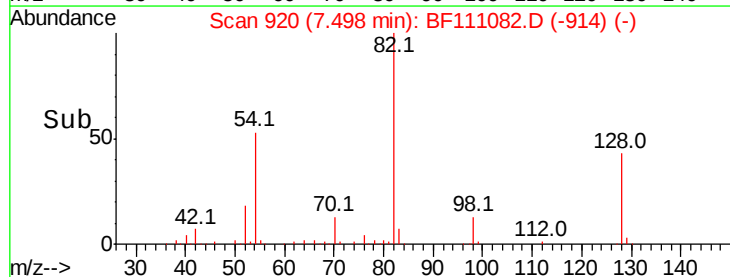
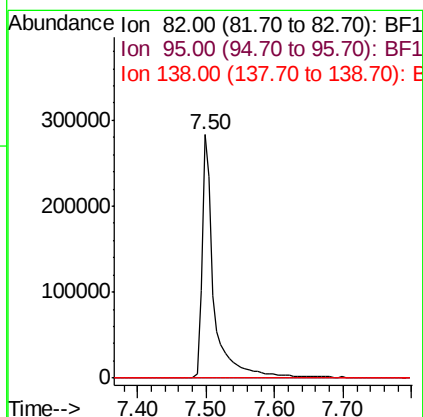
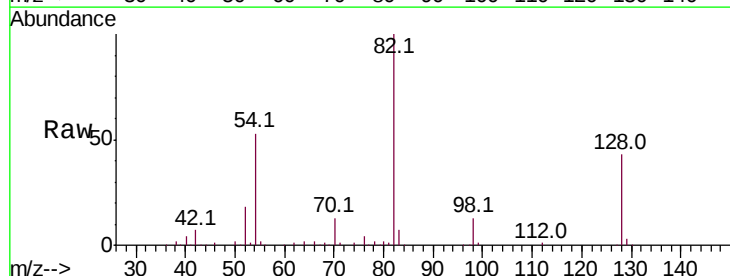
Instrument :
 BNA_F
 ClientSampled :

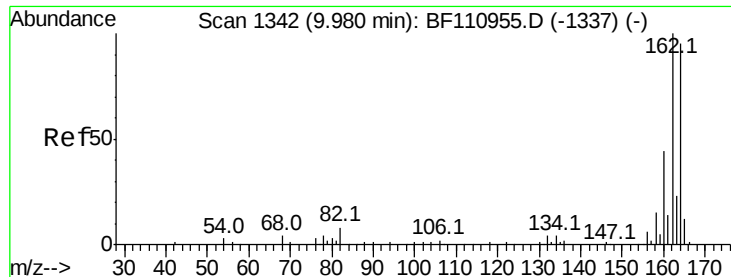
Tot Ion	82	Resp	354857
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.2	51.2
54	53.4	38.6	58.0



#25
 Isophorone
 Concen: 59.600 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.26 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

Tgt Ion	82	Resp	354857
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

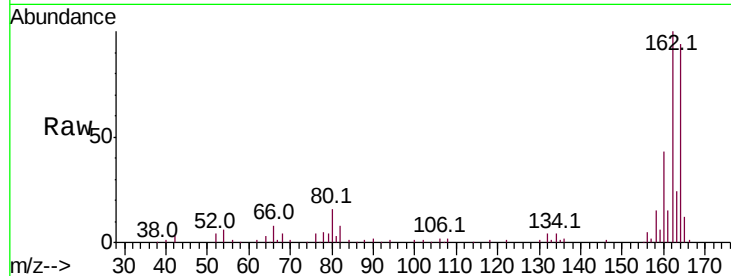




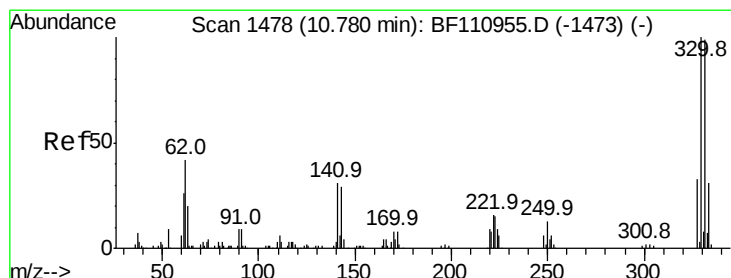
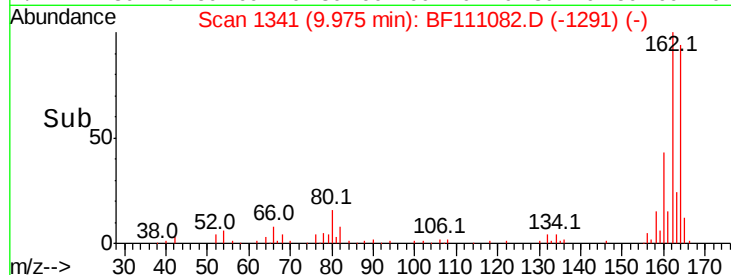
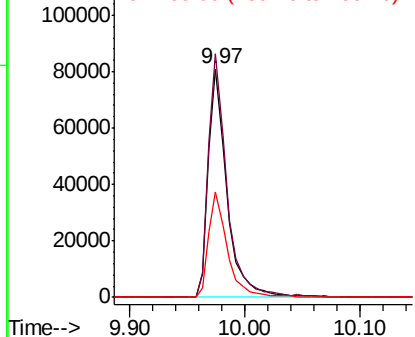
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111082.D
Acq: 29 Nov 2018 9:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 91310
Ion Ratio Lower Upper
164 100
162 106.5 83.0 124.6
160 45.9 37.0 55.6

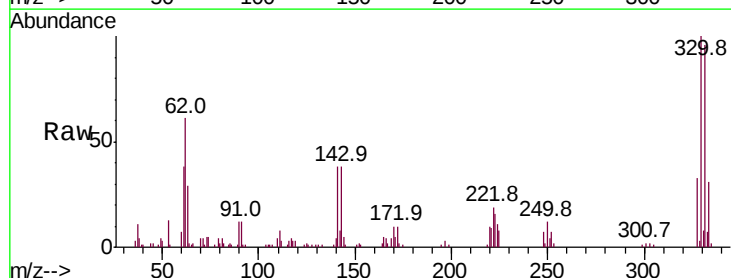


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

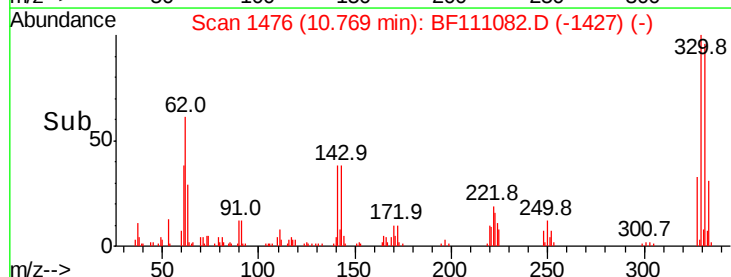
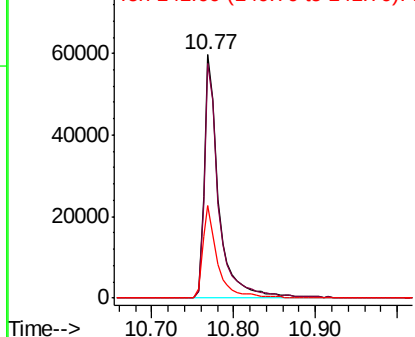


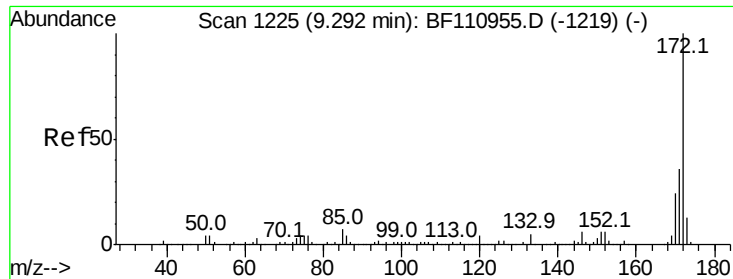
#42
2,4,6-Tribromophenol
Concen: 82.054 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111082.D
Acq: 29 Nov 2018 9:17

Tgt Ion:330 Resp: 74409
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 38.5 27.0 40.4



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



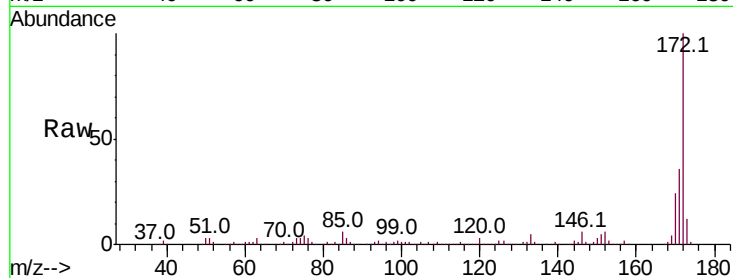


#45
 2-Fluorobiphenyl
 Concen: 105.528 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

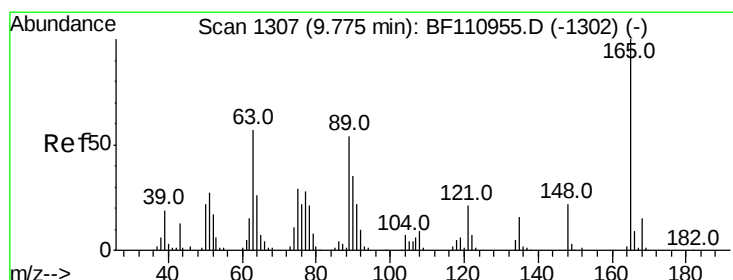
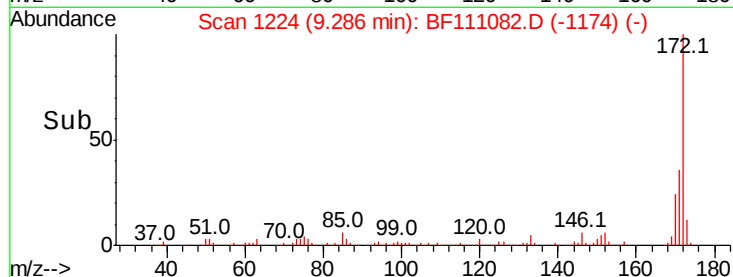
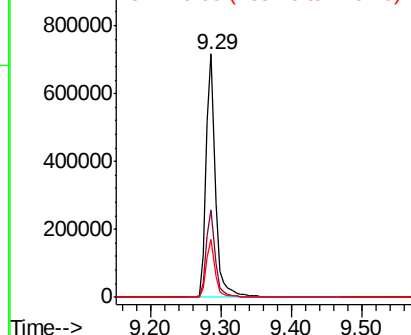
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 665099

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.8	19.7	29.5



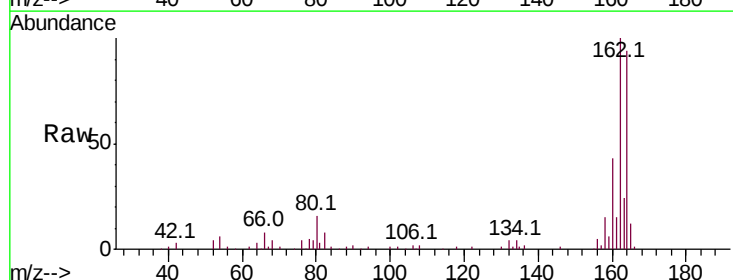
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



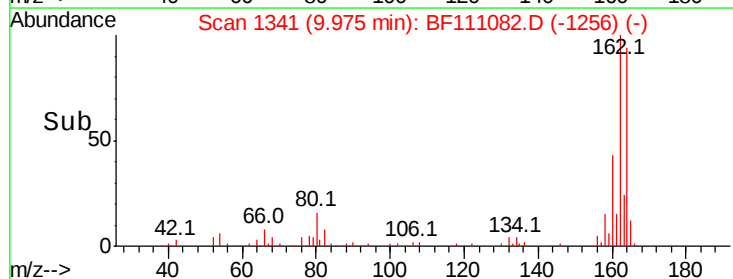
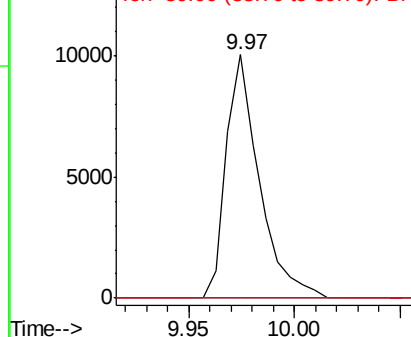
#51
 2,6-Dinitrotoluene
 Concen: 7.314 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.20 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

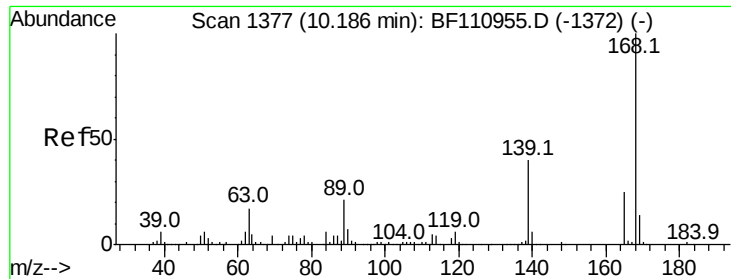
Tgt Ion:165 Resp: 10904

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



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

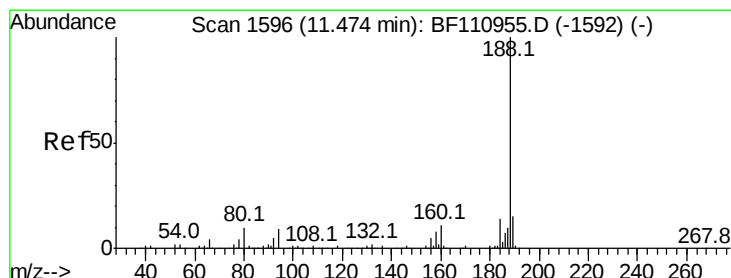
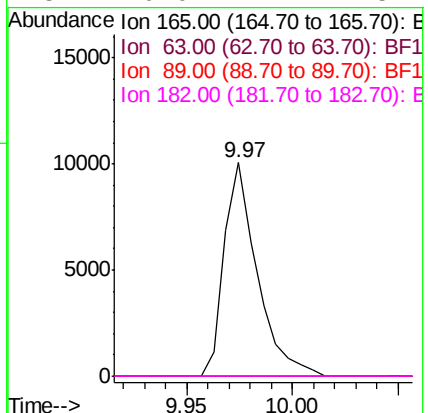
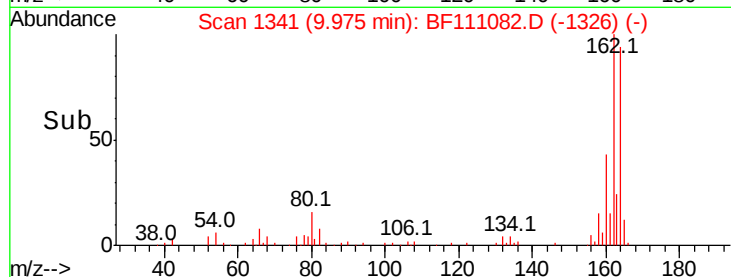
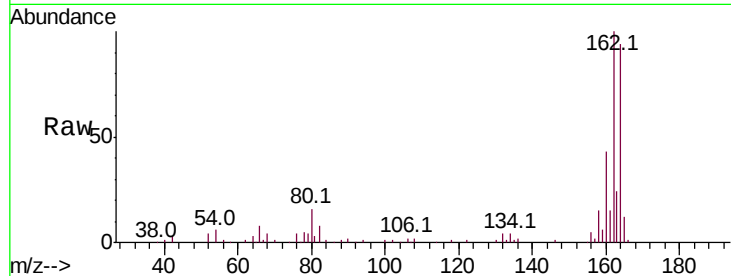




#57
 2,4-Dinitrotoluene
 Concen: 5.637 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.21 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

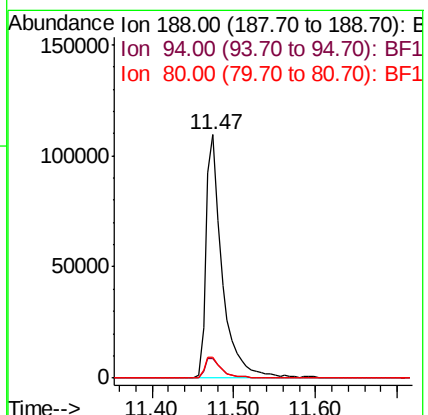
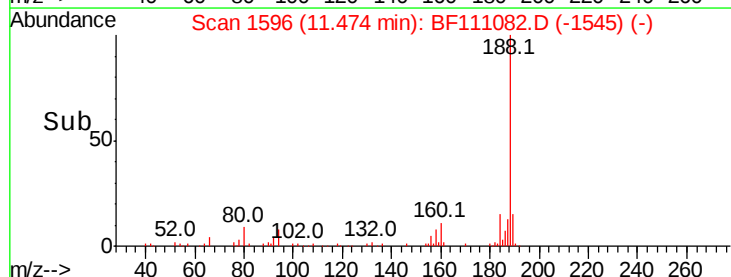
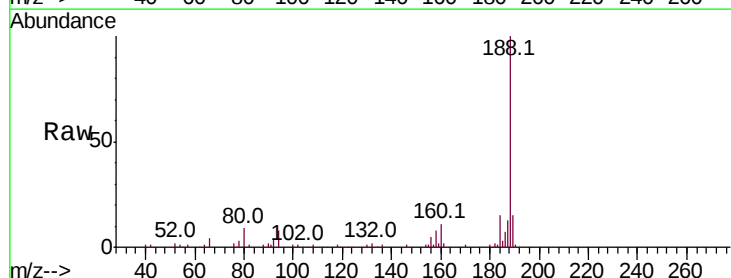
Instrument :
 BNA_F
 ClientSampleId :

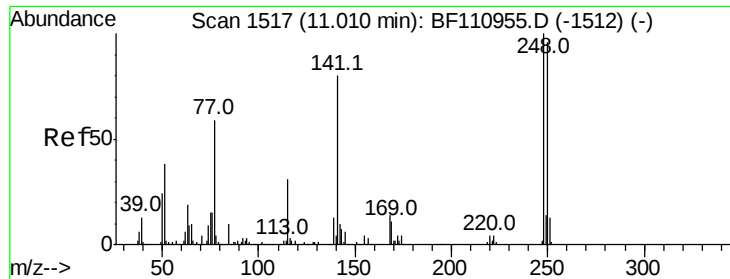
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.7	7.9	11.9

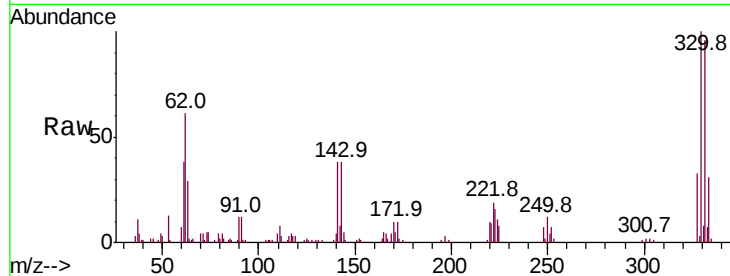




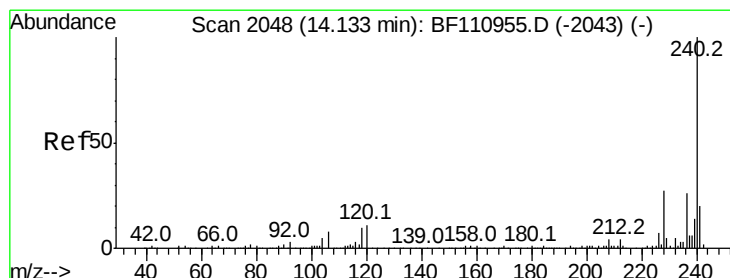
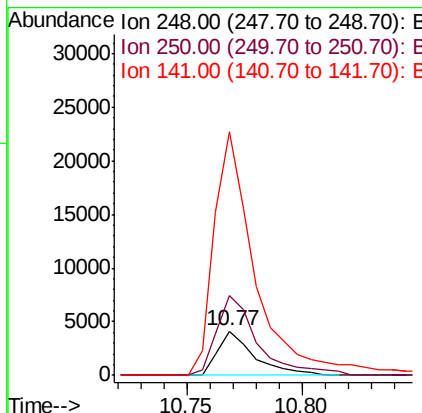
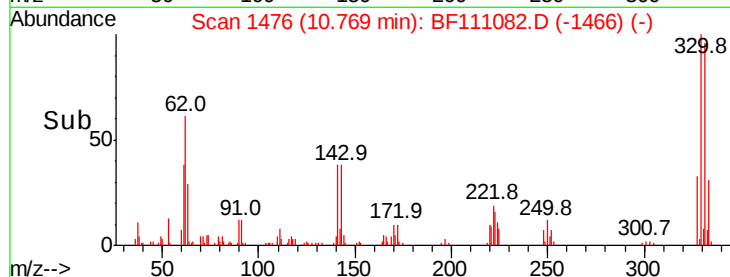
#67
 4-Bromophenyl-phenylether
 Concen: 2.754 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.24 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 4512
 Ion Ratio Lower Upper
 248 100
 250 180.6 79.4 119.2#
 141 553.3 55.9 83.9#

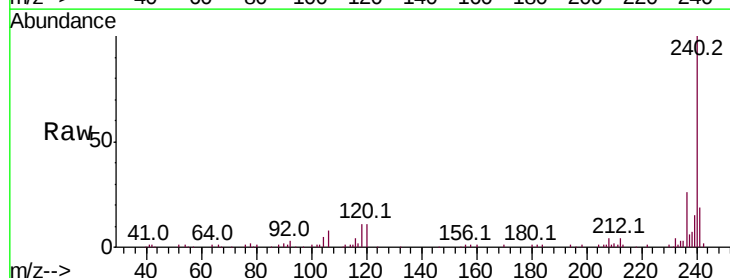


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

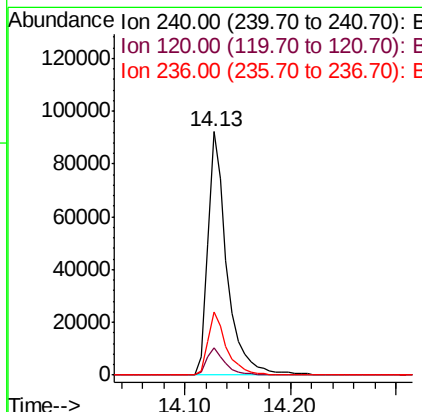
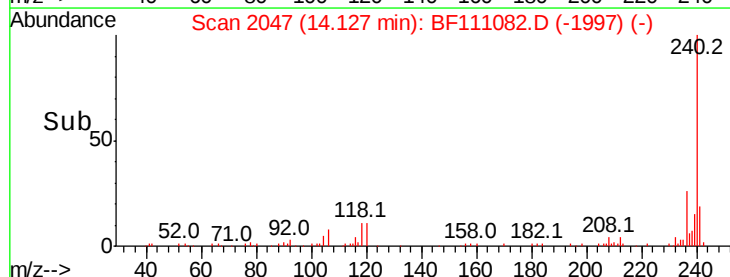


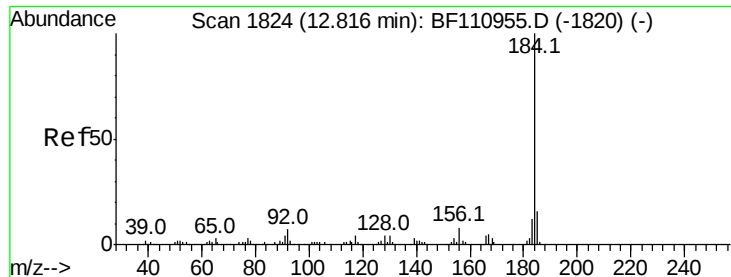
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

Tgt Ion:240 Resp: 116025
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.3 12.5
 236 25.8 21.2 31.8



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: 2.207 ng

RT: 13.05 min Scan# 1864

Delta R.T. 0.24 min

Lab File: BF111082.D

Acq: 29 Nov 2018 9:17

Instrument :

BNA_F

ClientSampled :

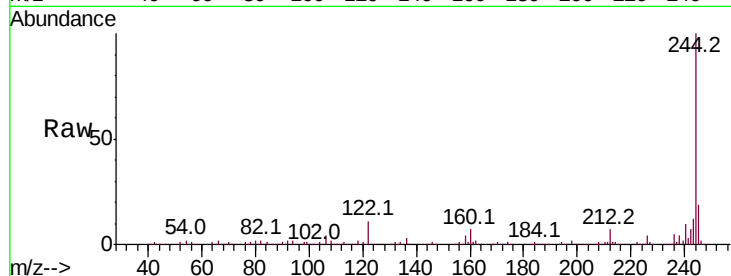
Tot Ion:184 Resp: 6549

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.2

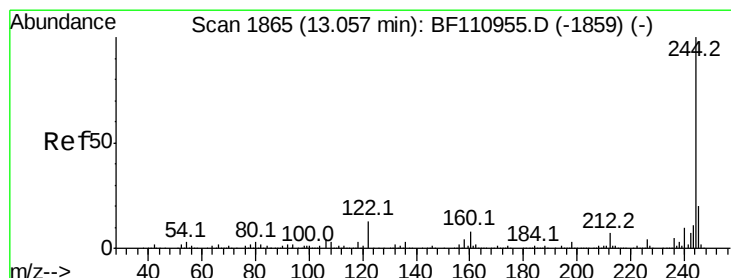
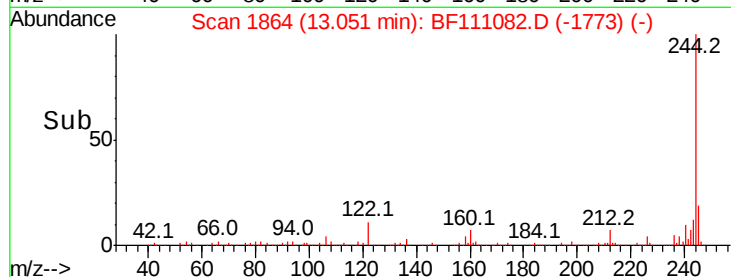
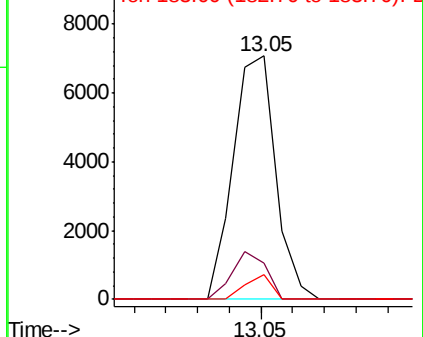
183 10.0 9.4 14.2



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



#79

Terphenyl-d14

Concen: 85.416 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111082.D

Acq: 29 Nov 2018 9:17

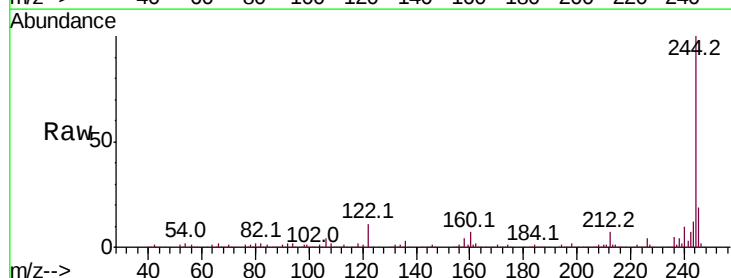
Tgt Ion:244 Resp: 509103

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

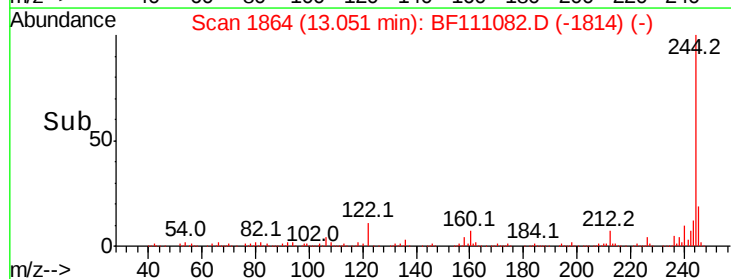
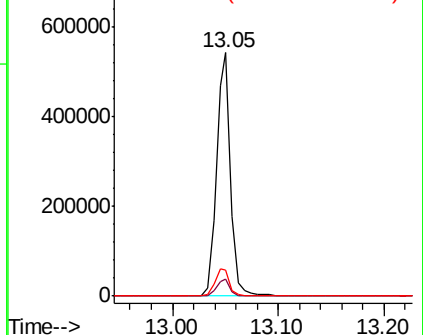
122 10.9 8.7 13.1

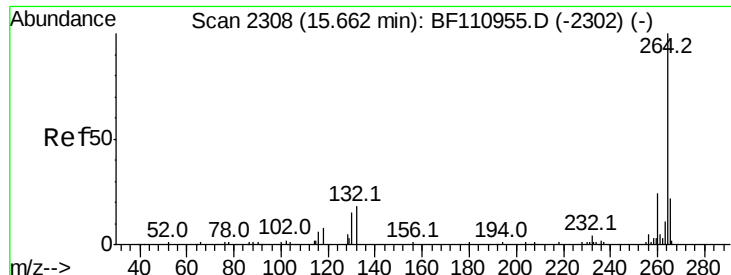


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

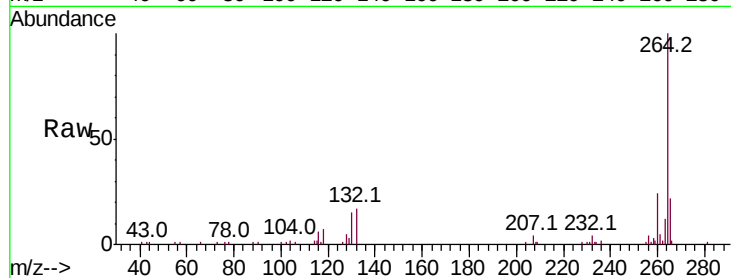




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BF111082.D
 Acq: 29 Nov 2018 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.5	16.7	25.1



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

