

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111084.D
 Acq On : 29 Nov 2018 10:12
 Operator : JU/SJ
 Sample : J6078-18
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 11:32:17 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

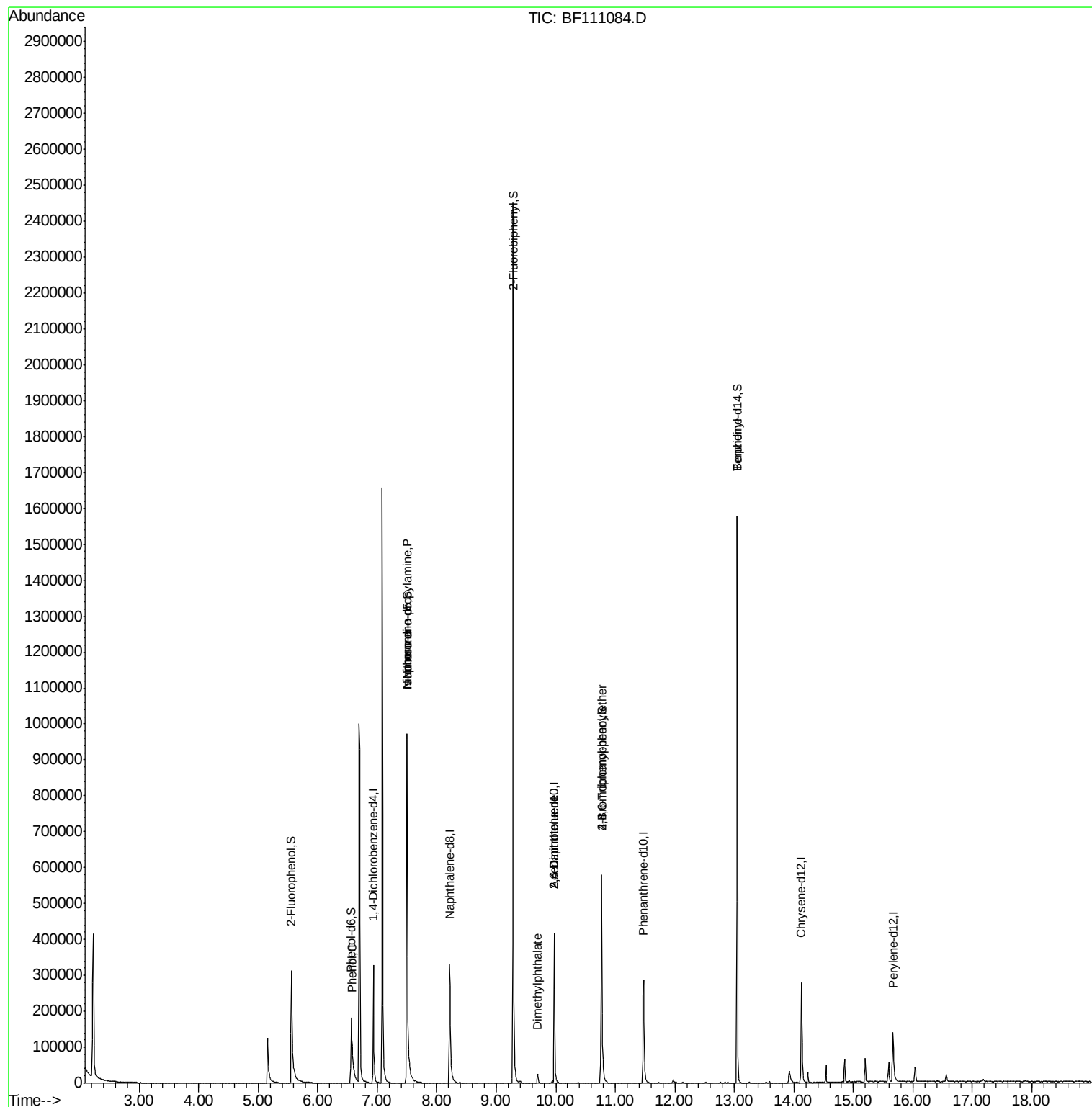
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	57854	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	244491	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	103361	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	157665	20.00	ng	0.00
76) Chrysene-d12	14.13	240	125293	20.00	ng	0.00
87) Perylene-d12	15.66	264	95623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	158878	45.54	ng	0.00
7) Phenol-d6	6.56	99	127629	28.07	ng	0.00
23) Nitrobenzene-d5	7.50	82	419726	98.25	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	85093	82.90	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	755426	105.89	ng	0.00
79) Terphenyl-d14	13.05	244	542262	84.25	ng	0.00
Target Compounds						
10) Phenol	6.58	94	12025	2.349	ng	89
19) n-Nitroso-di-n-propylamine	7.50	70	55463	18.728	ng	# 78
25) Isophorone	7.50	82	419726	59.895	ng	# 67
50) Dimethylphthalate	9.69	163	17050	2.249	ng	# 98
51) 2,6-Dinitrotoluene	9.97	165	12491	7.402	ng	# 21
57) 2,4-Dinitrotoluene	9.97	165	12491	5.705	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4984	2.903	ng	# 1
77) Benzidine	13.05	184	7189	2.243	ng	# 95

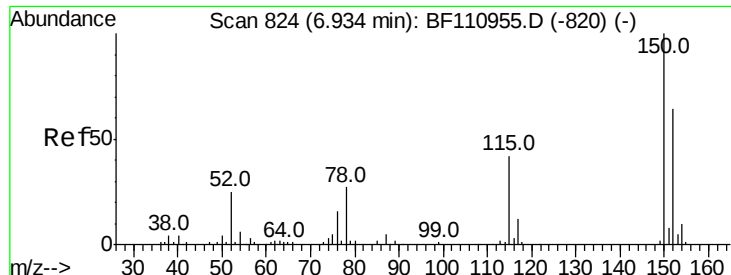
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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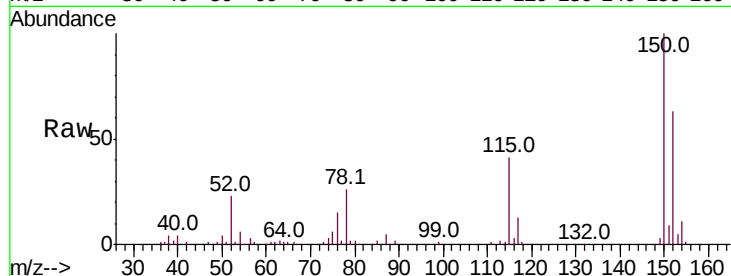


#1

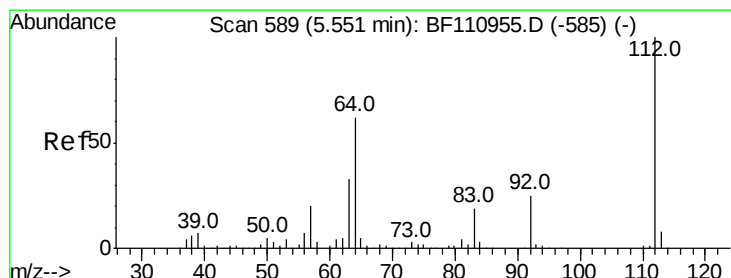
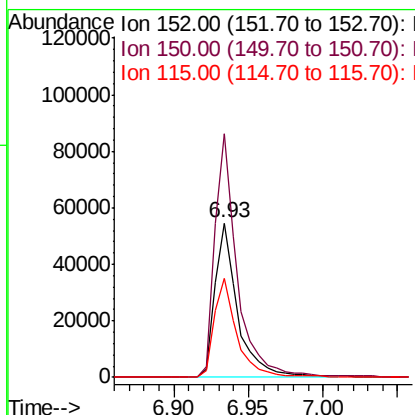
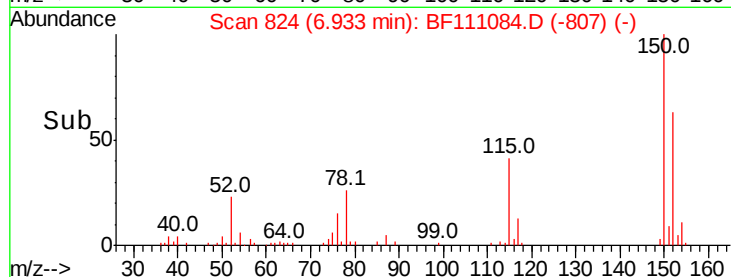
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 57854
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 64.3 49.1 73.7



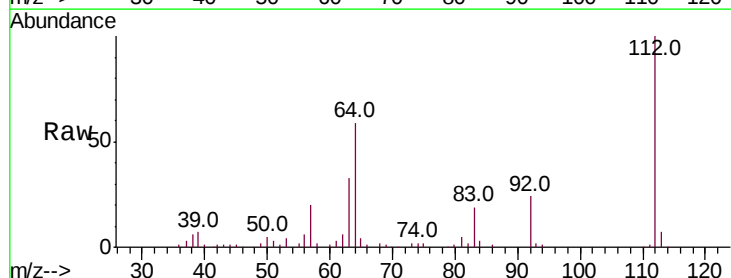
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



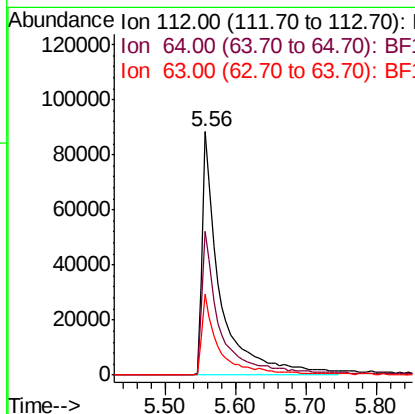
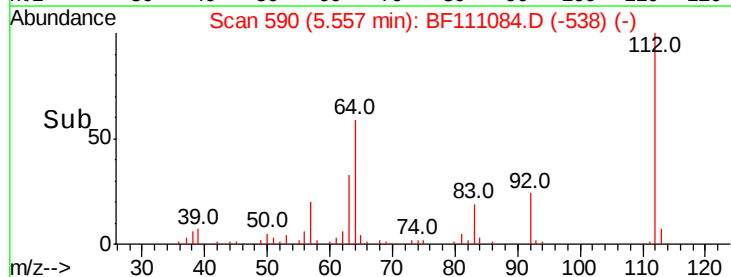
#5

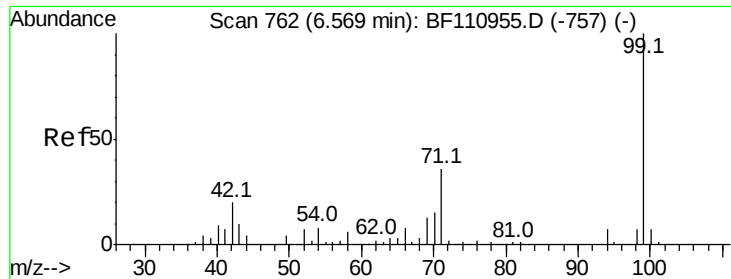
2-Fluorophenol
Concen: 45.540 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

Tgt Ion:112 Resp: 158878
Ion Ratio Lower Upper
112 100
64 59.0 44.1 66.1
63 33.1 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: 28.073 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111084.D

Acq: 29 Nov 2018 10:12

Instrument :

BNA_F

ClientSampleId :

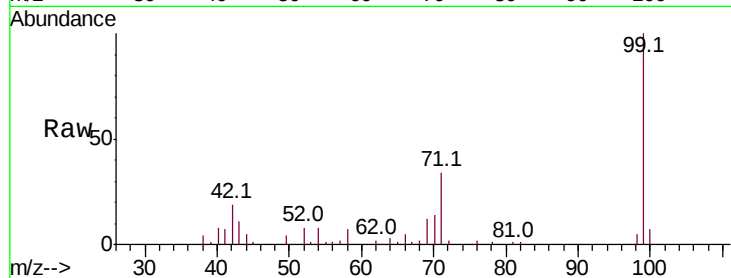
Tot Ion: 99 Resp: 127629

Ion Ratio Lower Upper

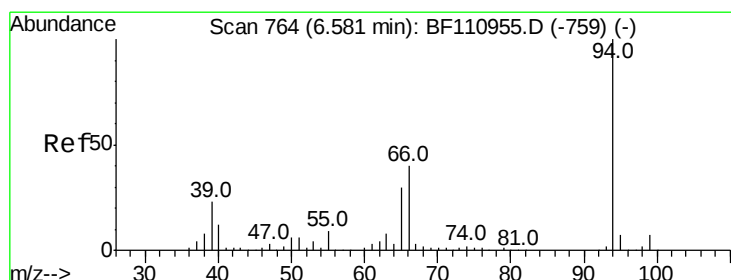
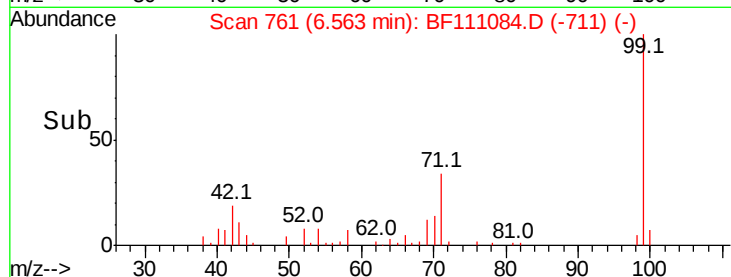
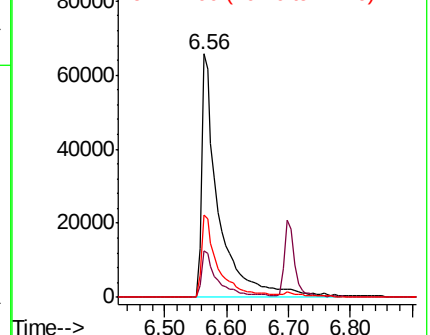
99 100

42 19.1 15.8 23.6

71 33.9 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



#10

Phenol

Concen: 2.349 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111084.D

Acq: 29 Nov 2018 10:12

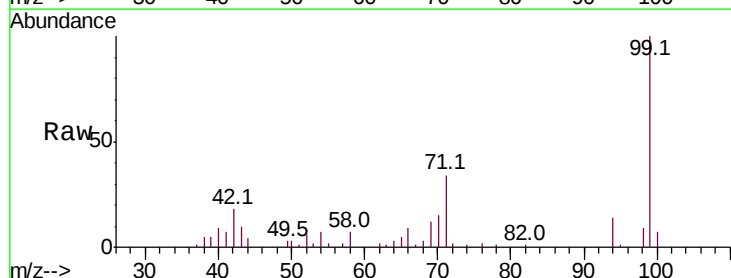
Tgt Ion: 94 Resp: 12025

Ion Ratio Lower Upper

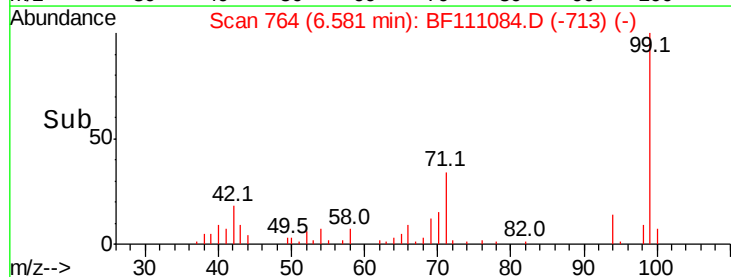
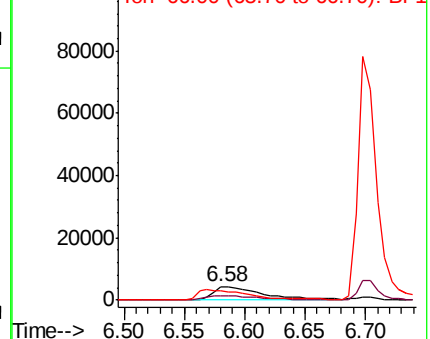
94 100

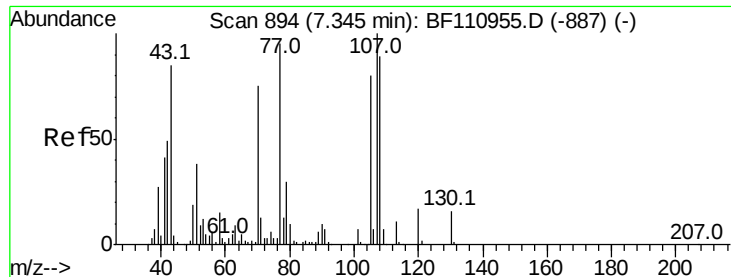
65 35.1 25.3 65.3

66 68.2 54.5 94.5



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

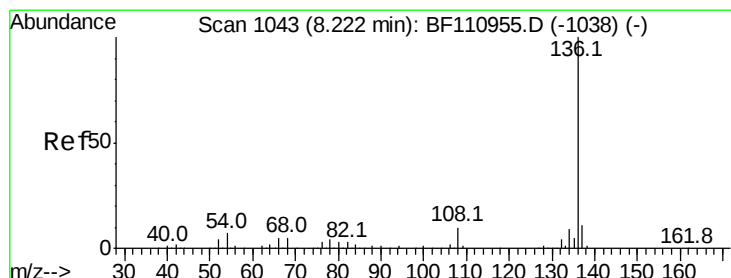
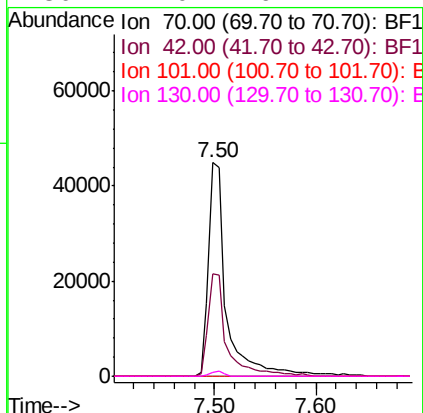
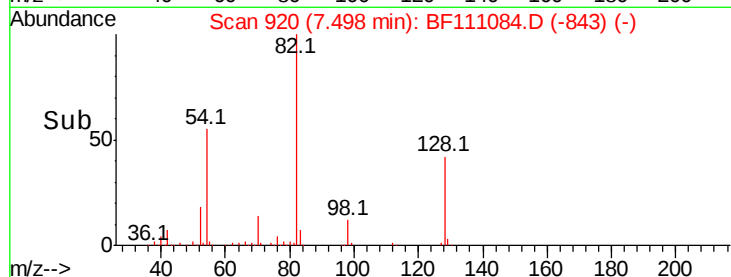
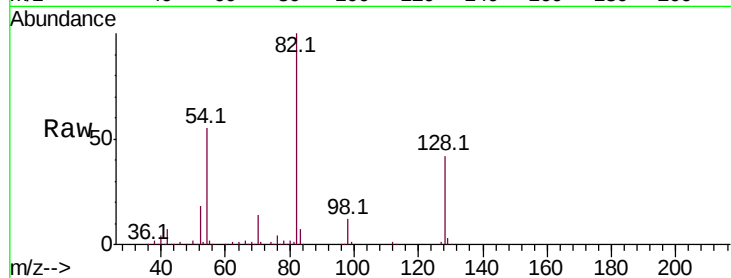




#19
n-Nitroso-di-n-propylamine
Concen: 18.728 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

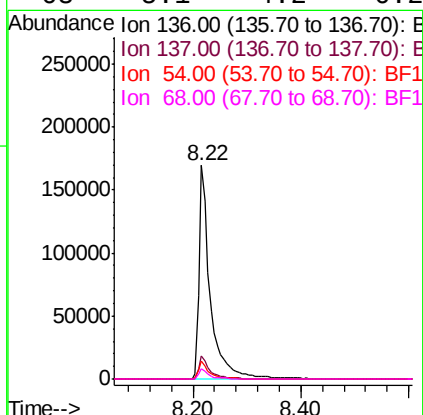
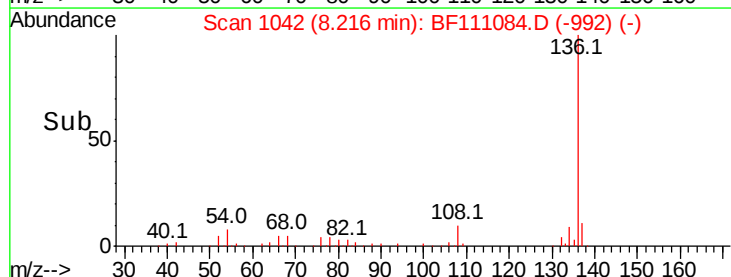
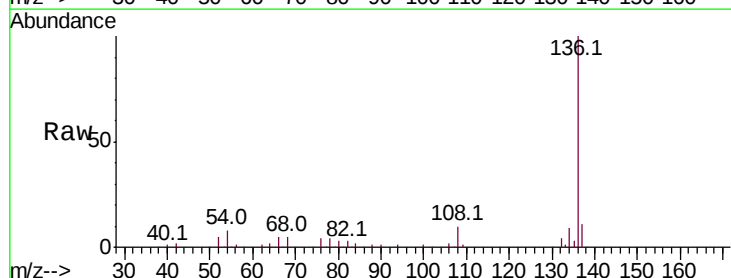
Instrument :
BNA_F
ClientSampleId :

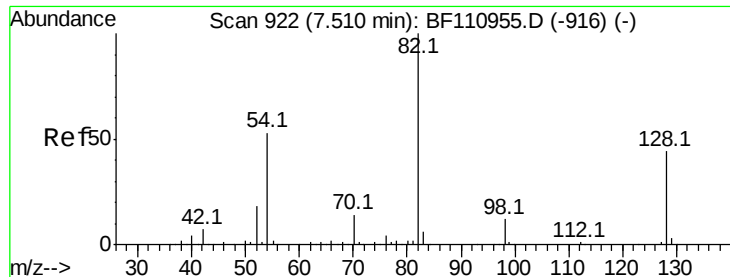
Tot Ion: 70 Resp: 55463
Ion Ratio Lower Upper
70 100
42 48.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

Tgt Ion:136 Resp: 244491
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.4 5.4 8.2#
68 5.1 4.2 6.2

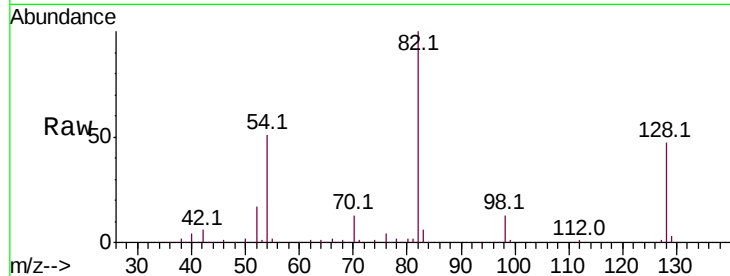




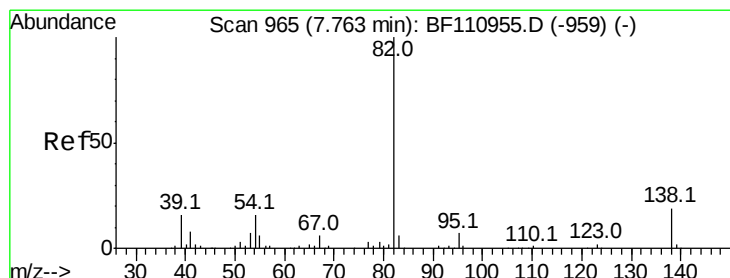
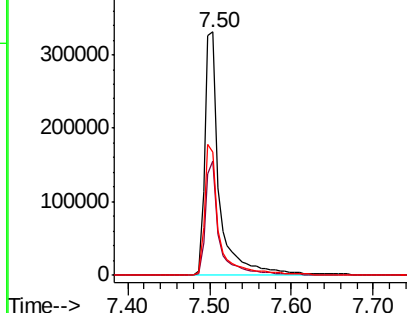
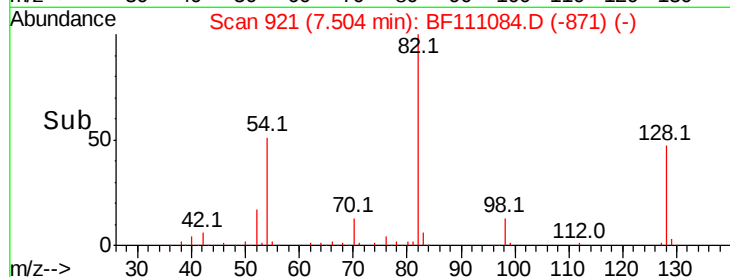
#23
Nitrobenzene-d5
Concen: 98.250 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	419726
Ion Ratio	Lower	Upper	
82	100		
128	47.0	34.2	51.2
54	50.7	38.6	58.0

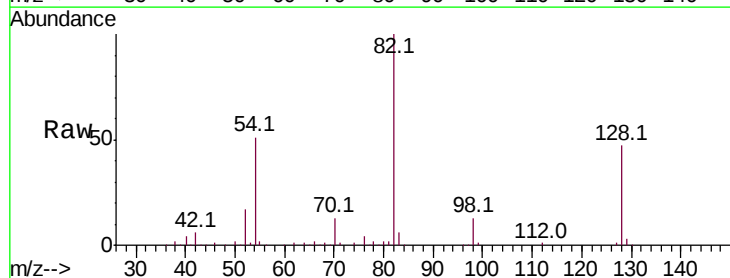


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

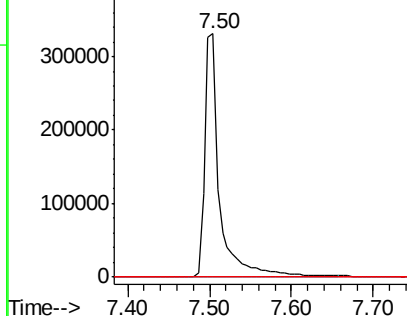
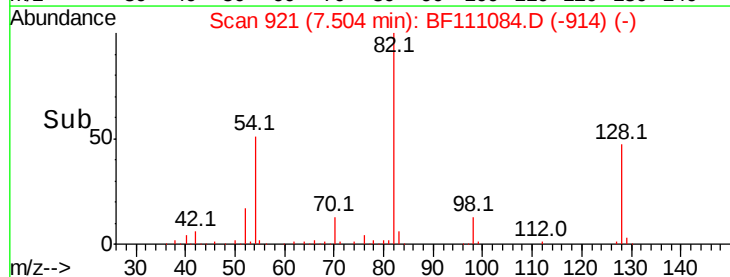


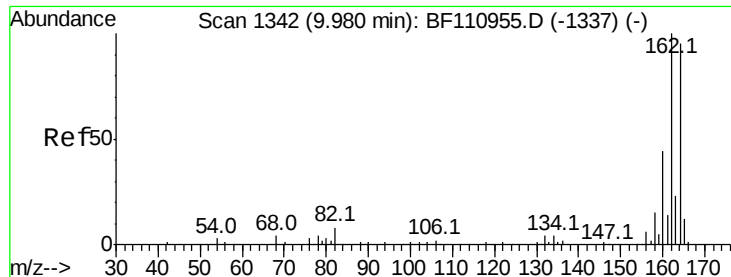
#25
Isophorone
Concen: 59.895 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

Tgt Ion	82	Resp	419726
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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

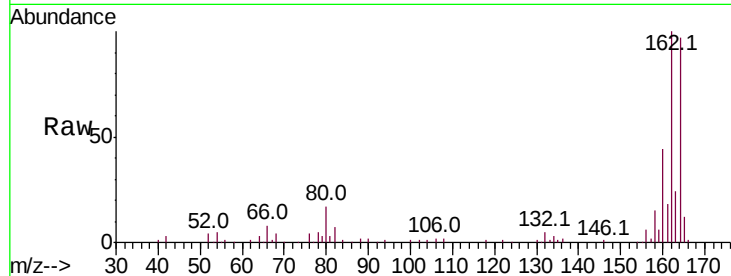




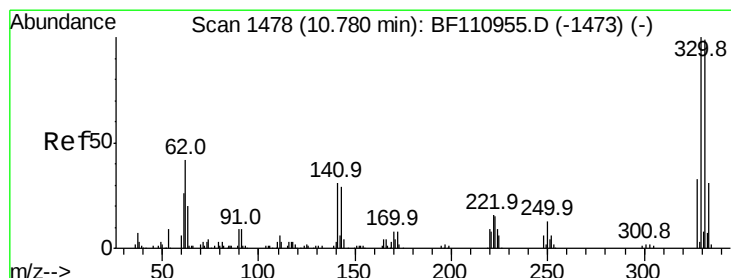
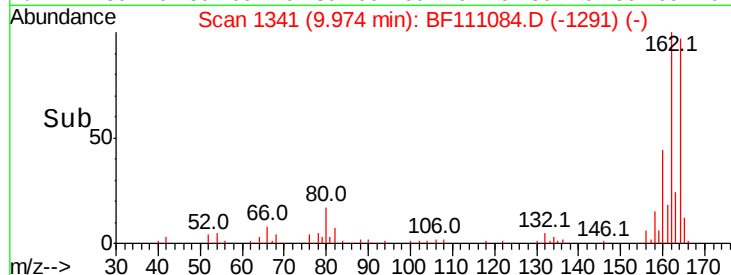
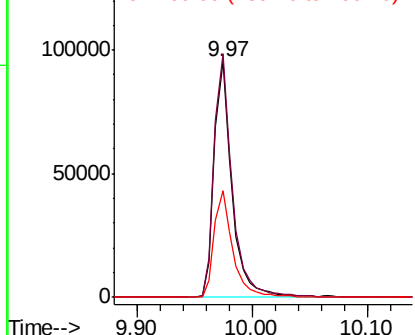
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF111084.D
 Acq: 29 Nov 2018 10:12

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:164 Resp: 103361
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.0 124.6
 160 45.4 37.0 55.6

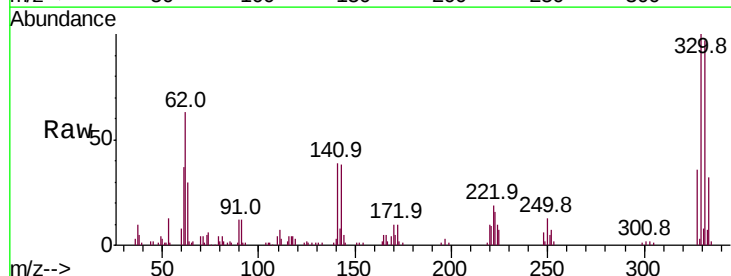


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

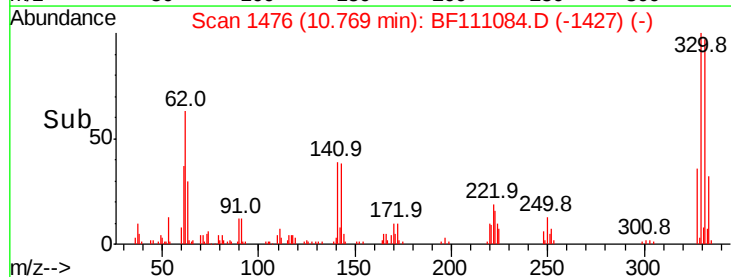
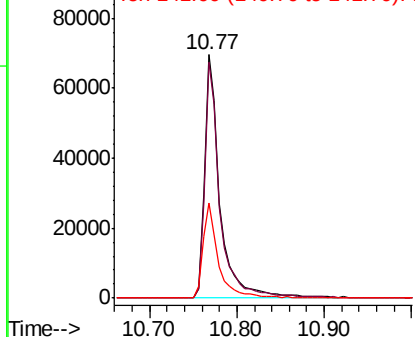


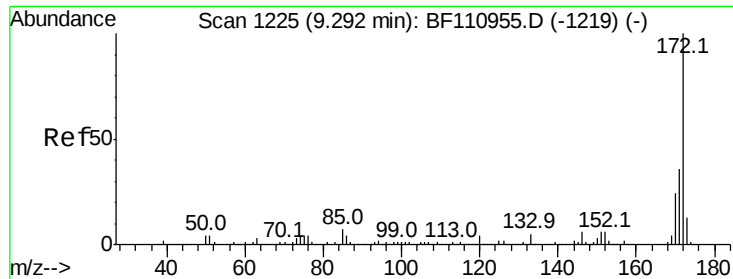
#42
 2,4,6-Tribromophenol
 Concen: 82.895 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF111084.D
 Acq: 29 Nov 2018 10:12

Tgt Ion:330 Resp: 85093
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 38.4 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



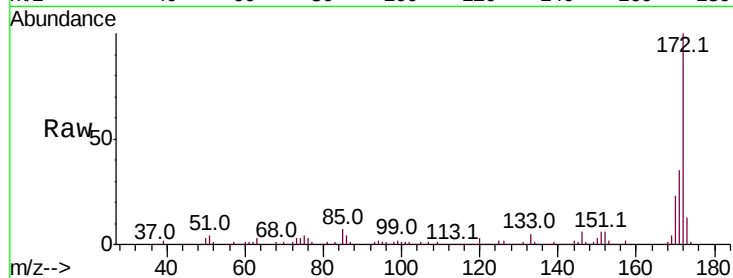


#45
 2-Fluorobiphenyl
 Concen: 105.885 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111084.D
 Acq: 29 Nov 2018 10:12

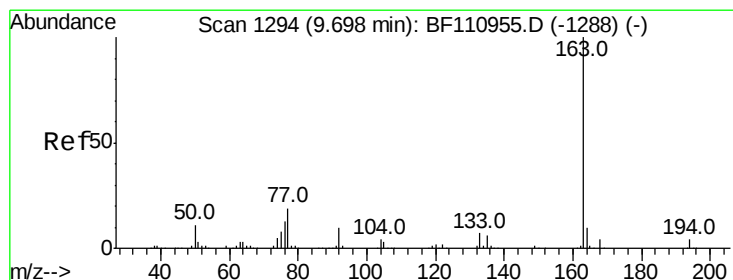
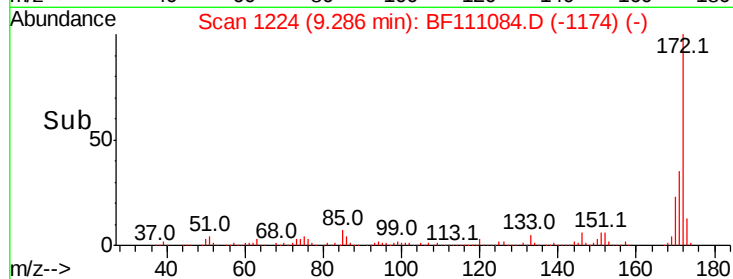
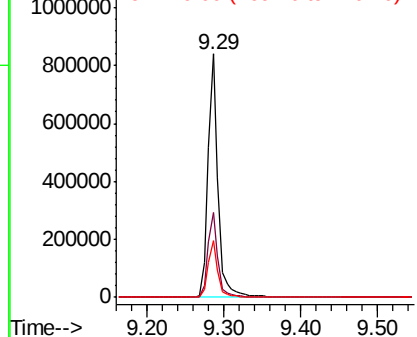
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 755426

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.1	19.7	29.5



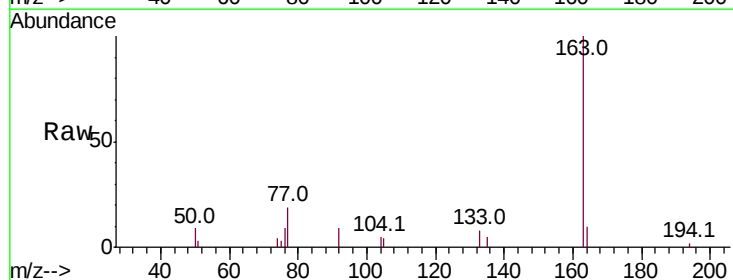
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



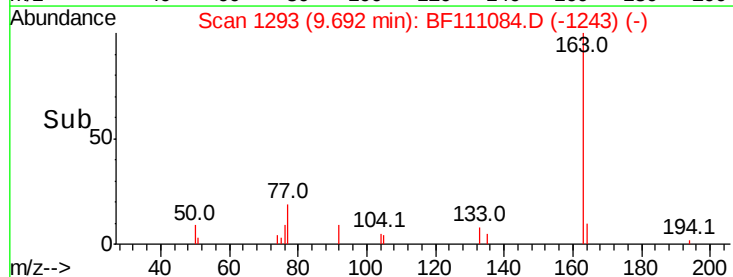
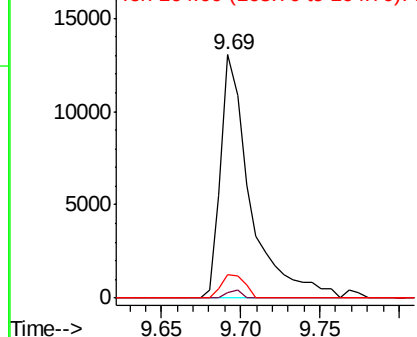
#50
 Dimethylphthalate
 Concen: 2.249 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF111084.D
 Acq: 29 Nov 2018 10:12

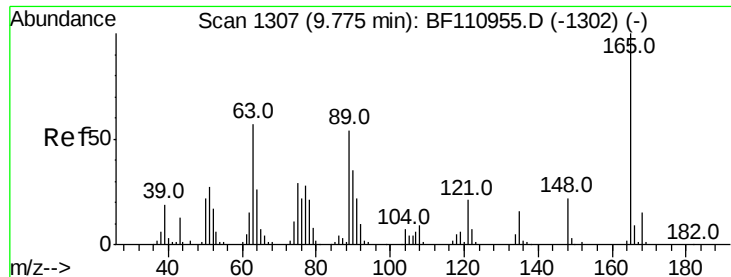
Tgt Ion:163 Resp: 17050

Ion	Ratio	Lower	Upper
163	100		
194	2.4	3.2	4.8#
164	9.6	8.1	12.1



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: 7.402 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.20 min

Lab File: BF111084.D

Acq: 29 Nov 2018 10:12

Instrument :

BNA_F

ClientSampleId :

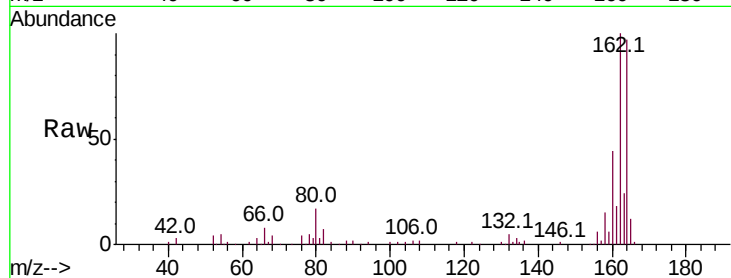
Tot Ion:165 Resp: 12491

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

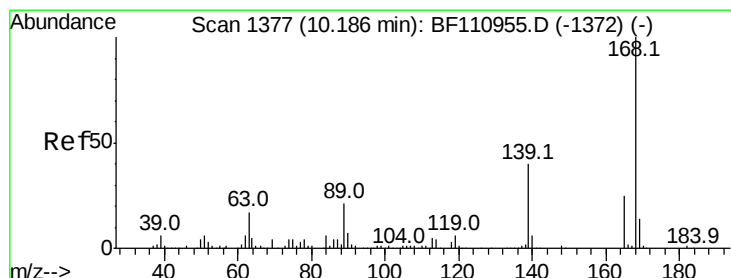
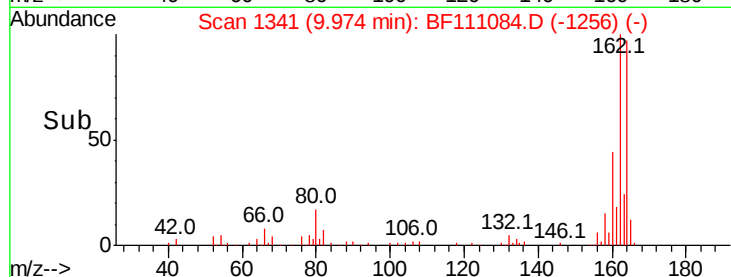
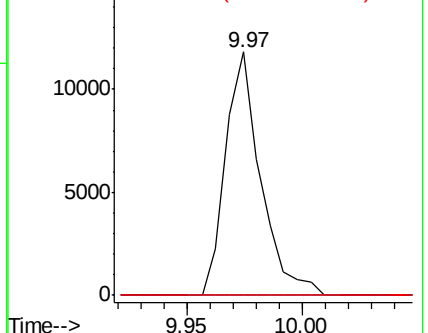
89 0.0 46.6 69.8#



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: 5.705 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.21 min

Lab File: BF111084.D

Acq: 29 Nov 2018 10:12

Tgt Ion:165 Resp: 12491

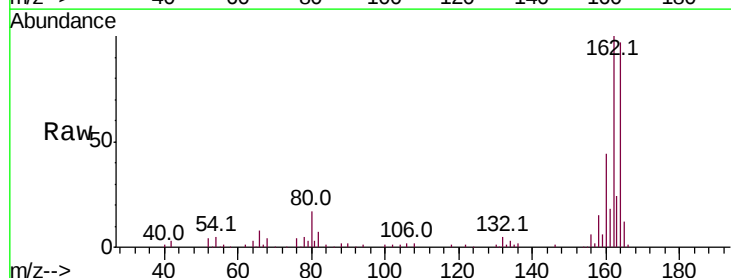
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

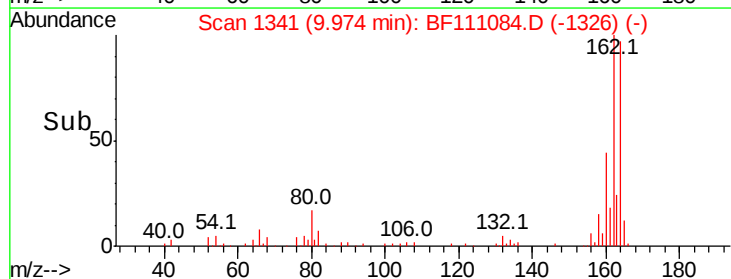
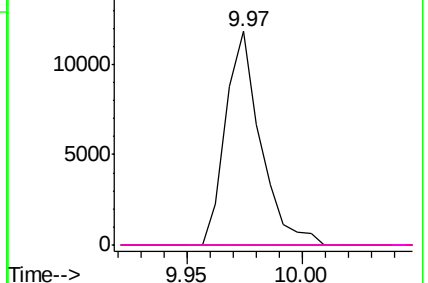


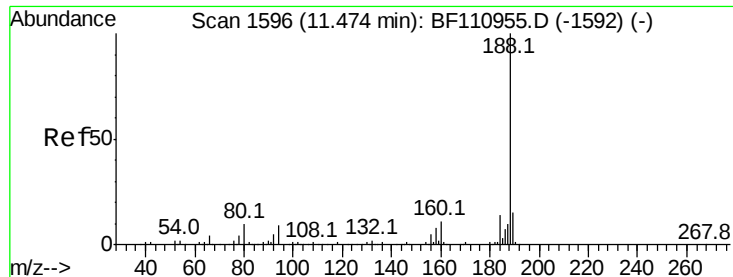
Abundance Ion 165.00 (164.70 to 165.70): E

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

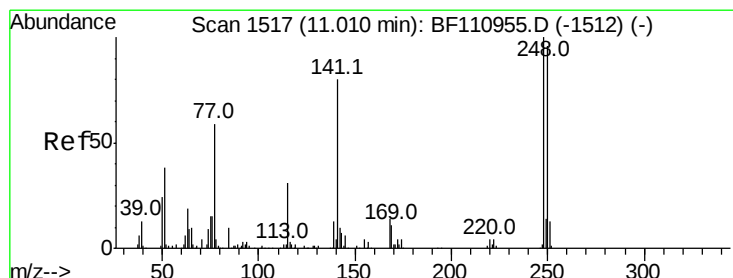
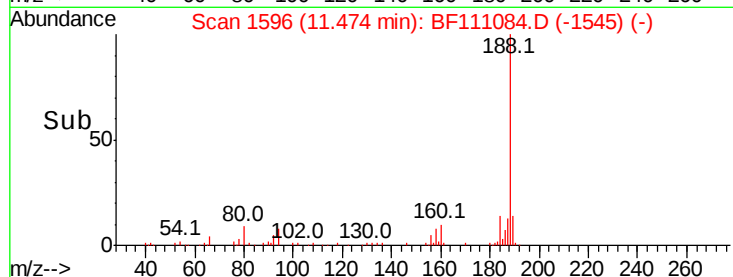
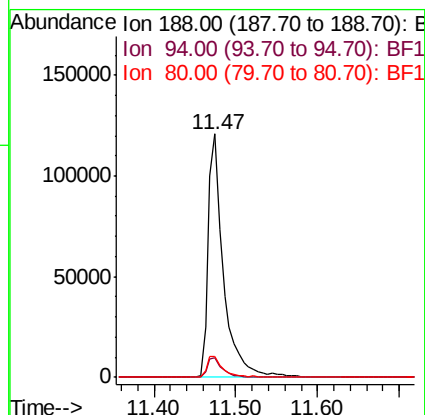
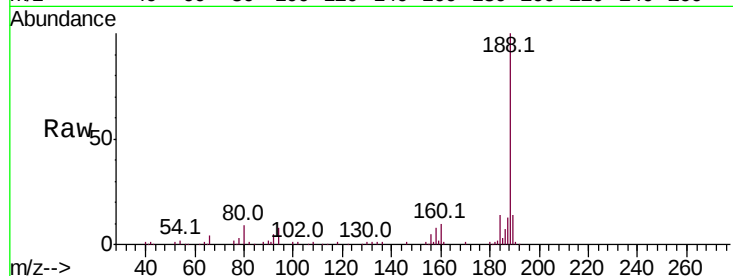




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

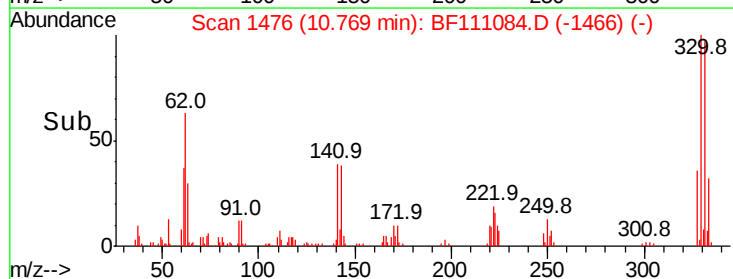
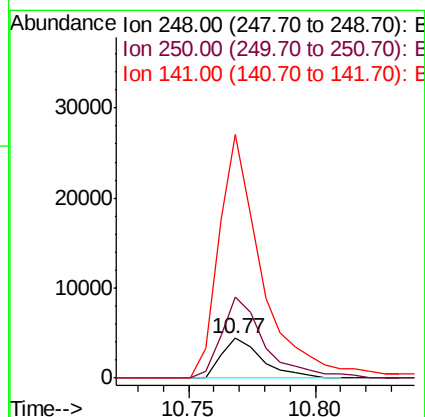
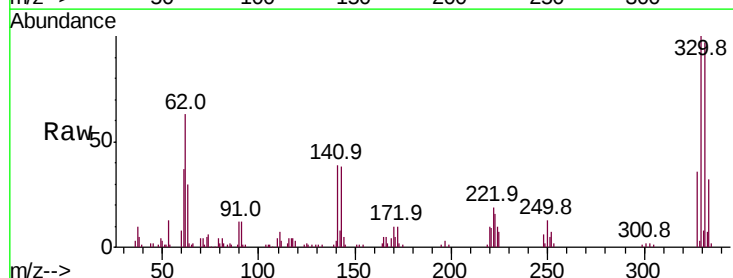
Instrument :
BNA_F
ClientSampleId :

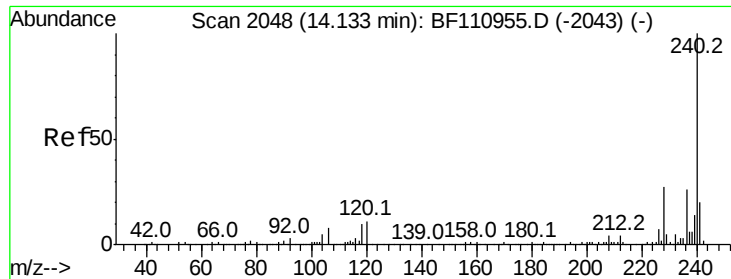
Tot Ion:188 Resp: 157665
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.903 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.24 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

Tgt Ion:248 Resp: 4984
Ion Ratio Lower Upper
248 100
250 206.0 79.4 119.2#
141 614.0 55.9 83.9#

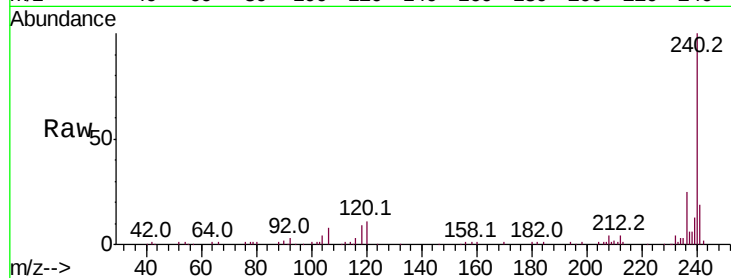




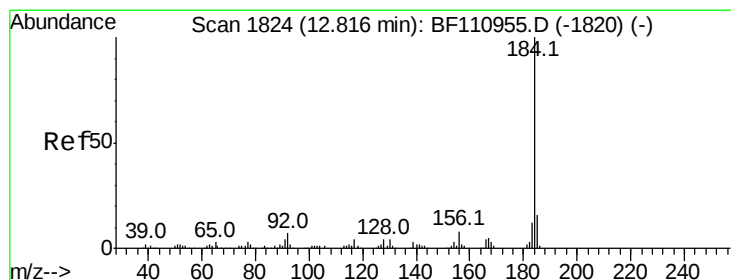
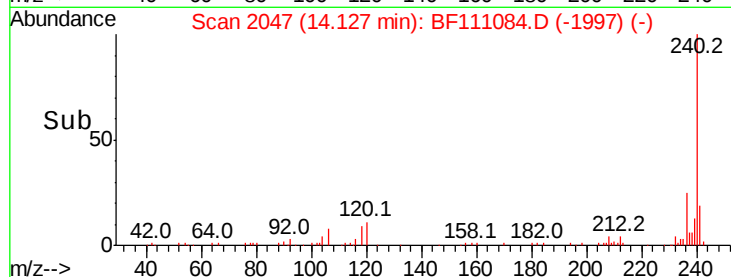
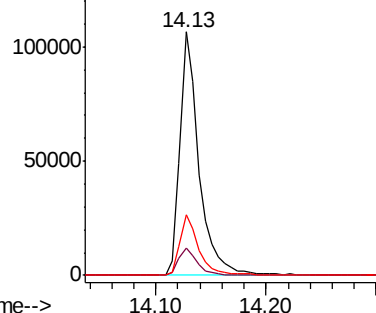
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 125293
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.1 21.2 31.8

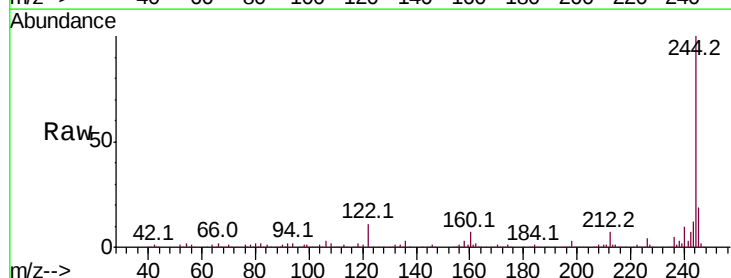


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

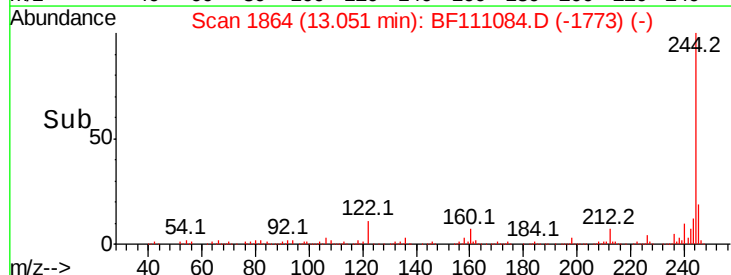
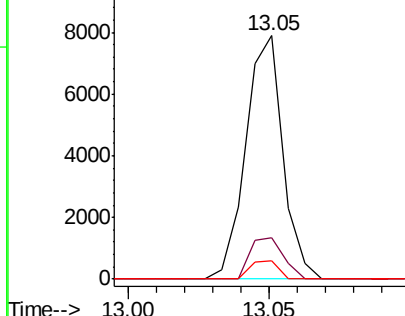


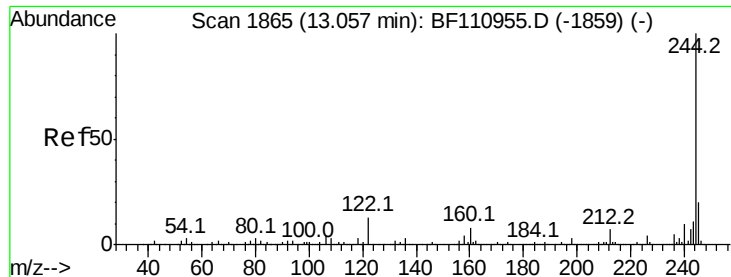
#77
Benzidine
Concen: 2.243 ng
RT: 13.05 min Scan# 1864
Delta R.T. 0.24 min
Lab File: BF111084.D
Acq: 29 Nov 2018 10:12

Tgt Ion:184 Resp: 7189
Ion Ratio Lower Upper
184 100
185 17.0 13.4 20.2
183 7.5 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

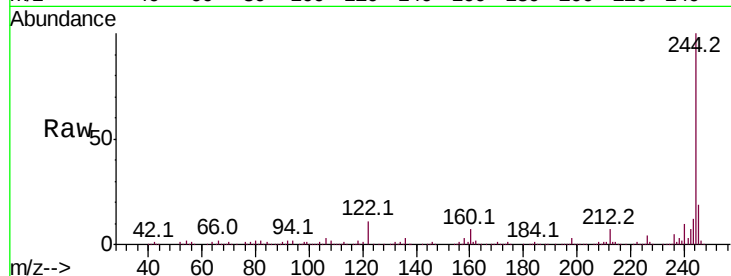




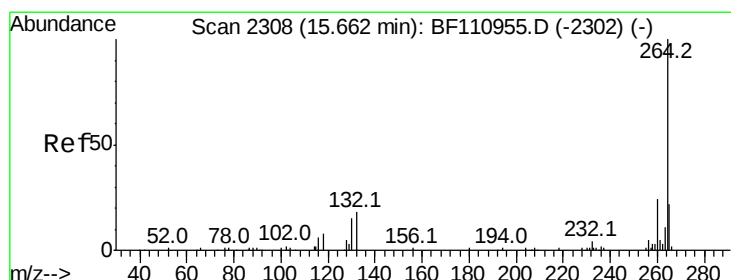
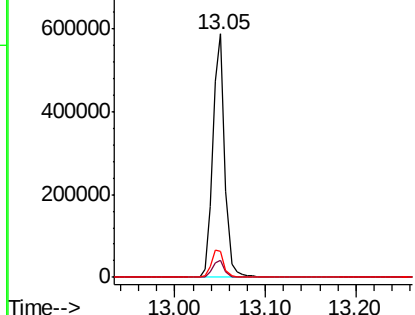
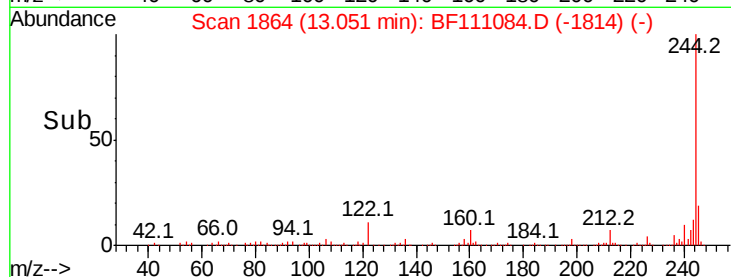
#79
 Terphenyl-d14
 Concen: 84.250 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF111084.D
 Acq: 29 Nov 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 542262
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 10.7 8.7 13.1

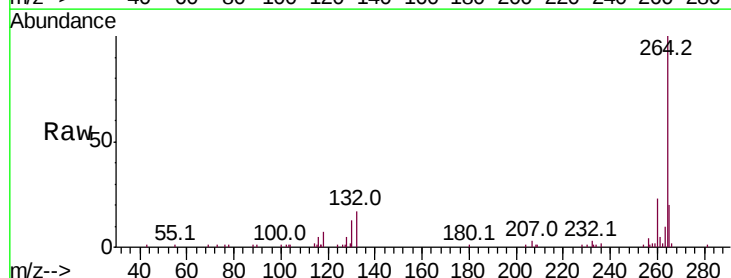


Abundance Ion 244.00 (243.70 to 244.70): E
 800000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BF111084.D
 Acq: 29 Nov 2018 10:12

Tgt Ion:264 Resp: 95623
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 19.6 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 60000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

