

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111079.D
 Acq On : 29 Nov 2018 7:38
 Operator : JU/SJ
 Sample : J6078-13
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 09:52:27 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

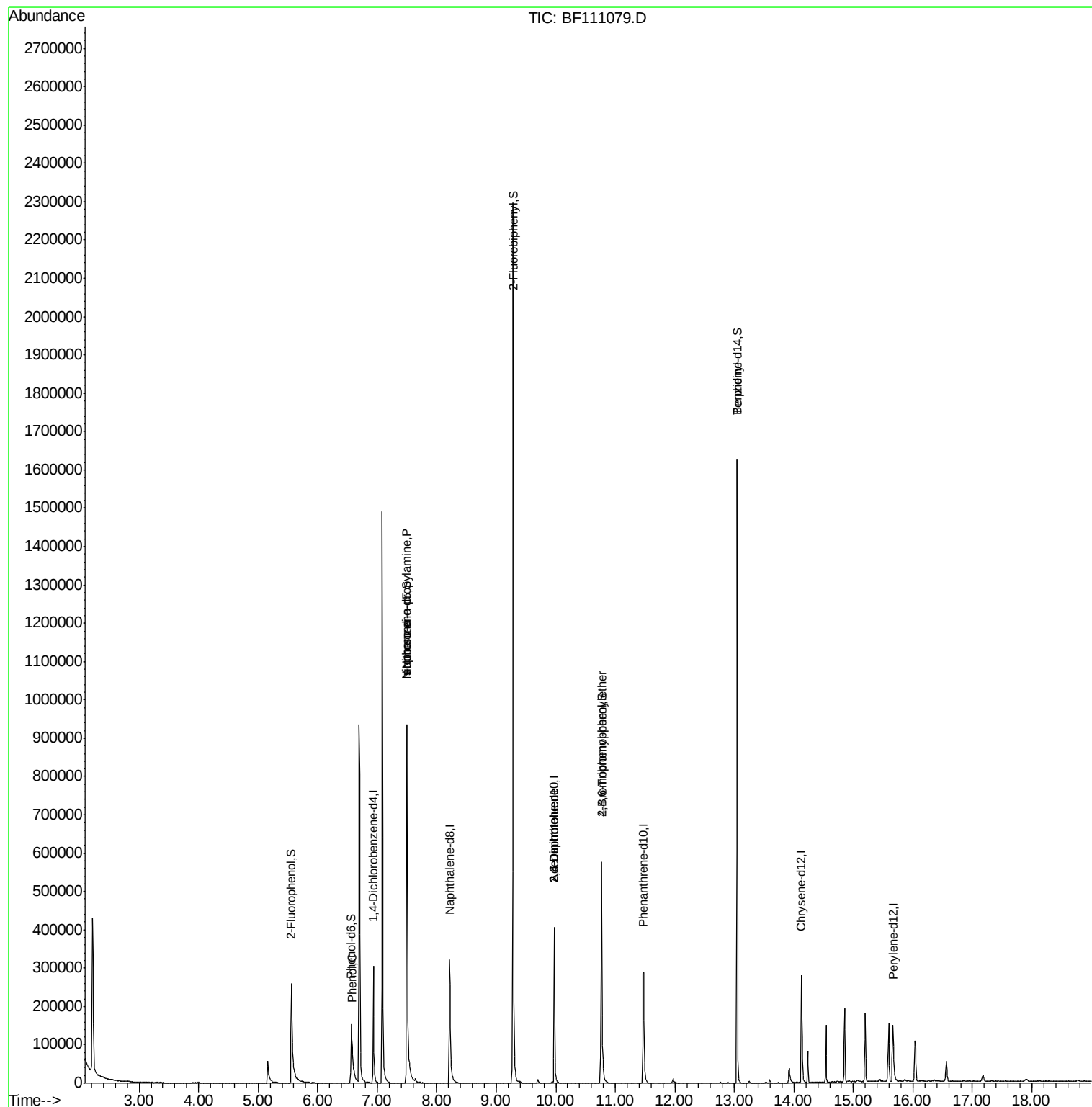
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54693	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	228528	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	100187	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	165092	20.00	ng	0.00
76) Chrysene-d12	14.13	240	127671	20.00	ng	0.00
87) Perylene-d12	15.66	264	101494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	147585	44.75	ng	0.00
7) Phenol-d6	6.57	99	114584	26.66	ng	0.00
23) Nitrobenzene-d5	7.50	82	396583	99.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	83721	84.14	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	740214	107.04	ng	0.00
79) Terphenyl-d14	13.05	244	564300	86.04	ng	0.00
Target Compounds						
10) Phenol	6.59	94	10346	2.137	ng	88
19) n-Nitroso-di-n-propylamine	7.50	70	52678	18.816	ng	# 81
25) Isophorone	7.50	82	396583	60.546	ng	# 67
51) 2,6-Dinitrotoluene	9.97	165	12490	7.636	ng	# 21
57) 2,4-Dinitrotoluene	9.97	165	12490	5.885	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	5448	3.030	ng	# 1
77) Benzidine	13.05	184	7625	2.335	ng	# 94

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

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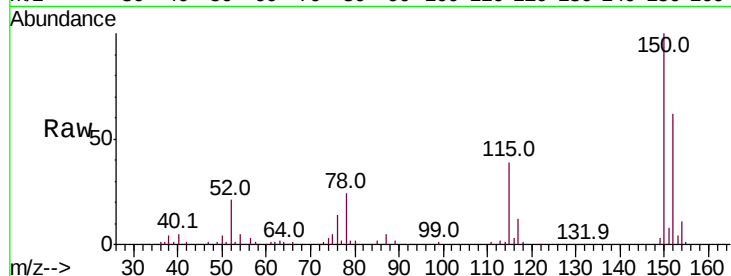


#1

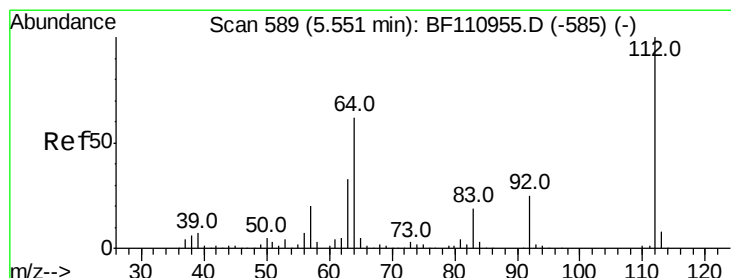
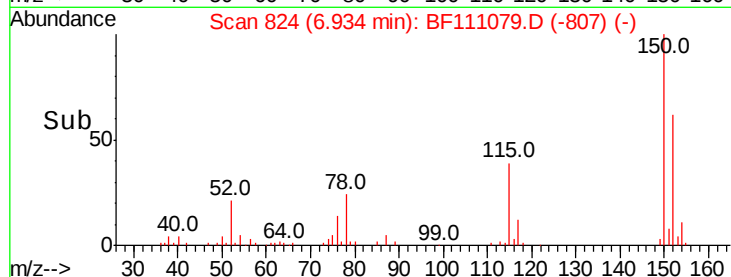
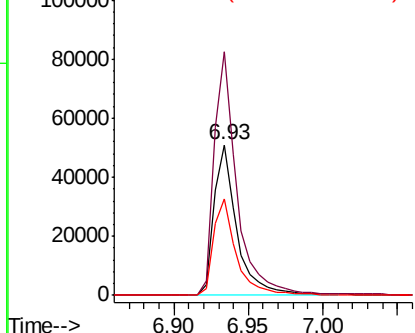
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111079.D
Acq: 29 Nov 2018 7:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54693
Ion Ratio Lower Upper
152 100
150 162.0 122.7 184.1
115 63.8 49.1 73.7



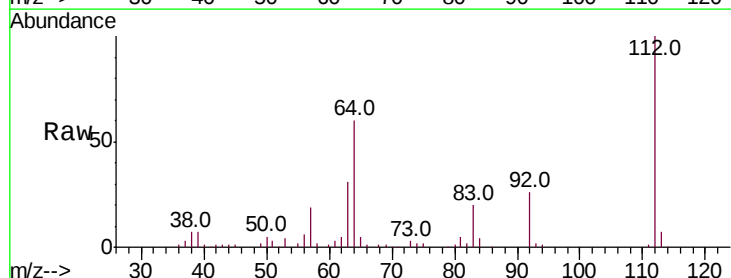
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



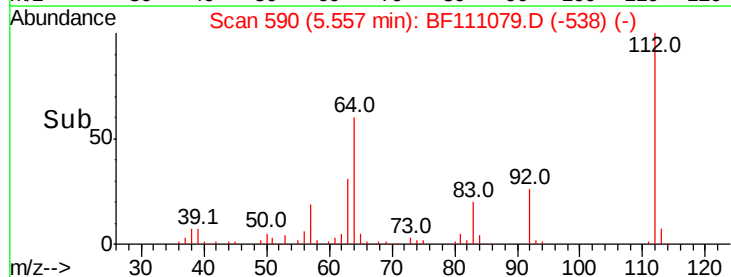
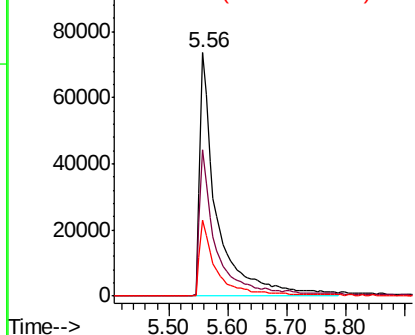
#5

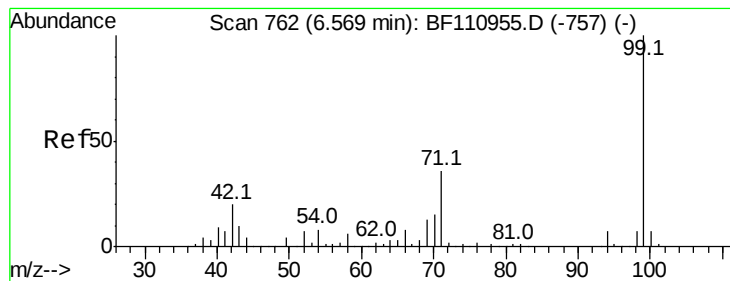
2-Fluorophenol
Concen: 44.748 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111079.D
Acq: 29 Nov 2018 7:38

Tgt Ion:112 Resp: 147585
Ion Ratio Lower Upper
112 100
64 60.2 44.1 66.1
63 31.0 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: 26.660 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111079.D

Acq: 29 Nov 2018 7:38

Instrument :

BNA_F

ClientSampleId :

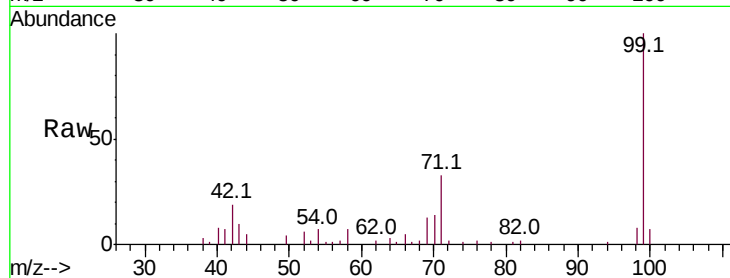
Tot Ion: 99 Resp: 114584

Ion Ratio Lower Upper

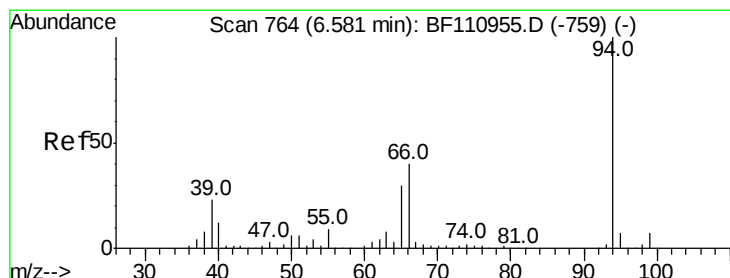
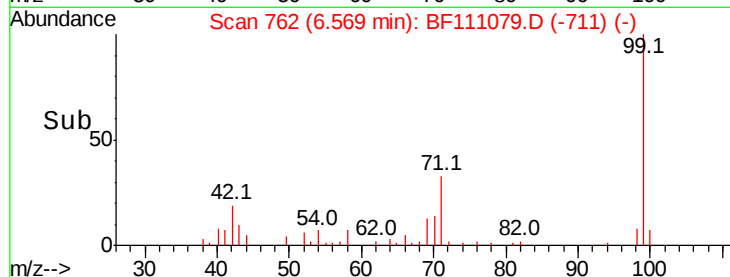
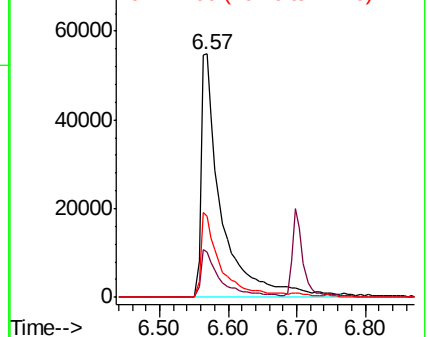
99 100

42 18.8 15.8 23.6

71 33.3 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



#10

Phenol

Concen: 2.137 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111079.D

Acq: 29 Nov 2018 7:38

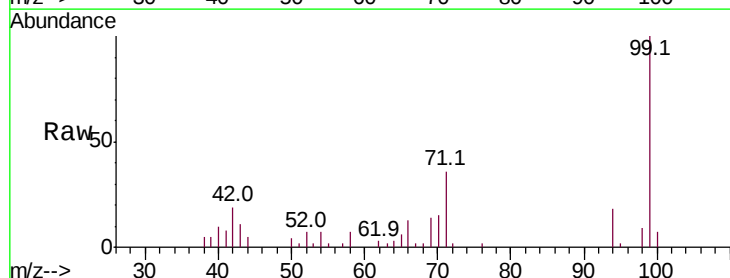
Tgt Ion: 94 Resp: 10346

Ion Ratio Lower Upper

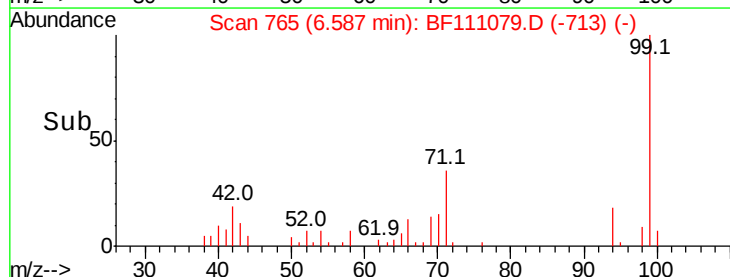
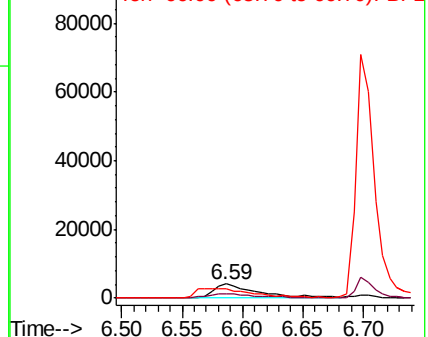
94 100

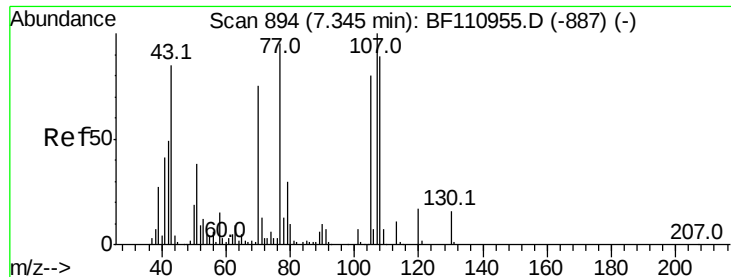
65 31.8 25.3 65.3

66 69.1 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

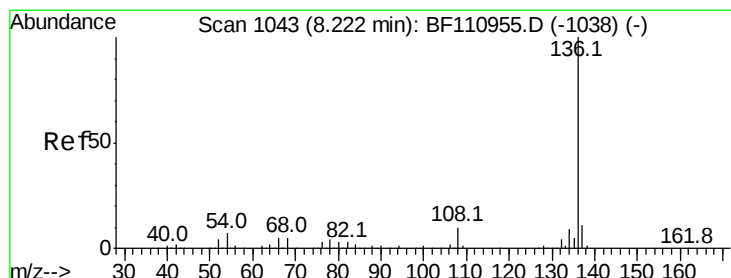
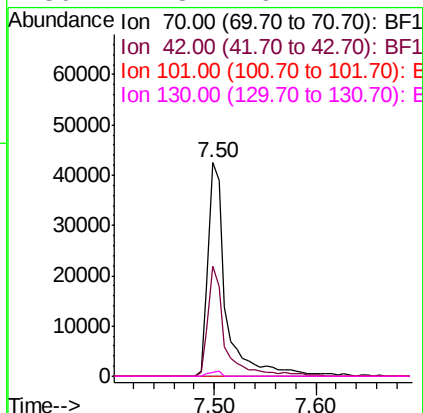
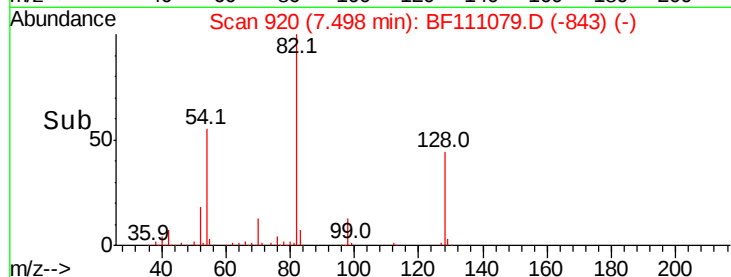
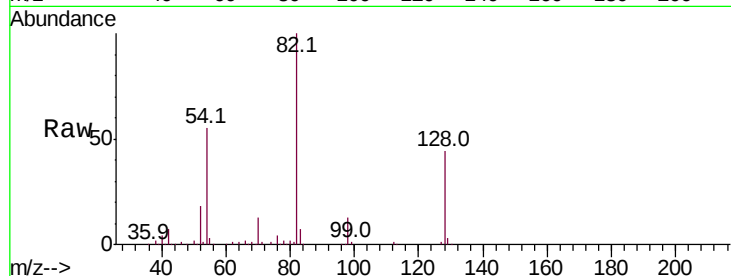




#19
n-Nitroso-di-n-propylamine
Concen: 18.816 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111079.D
Acq: 29 Nov 2018 7:38

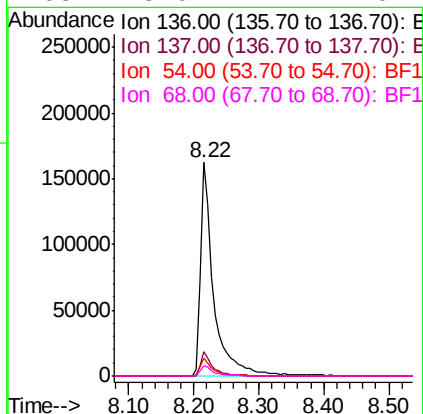
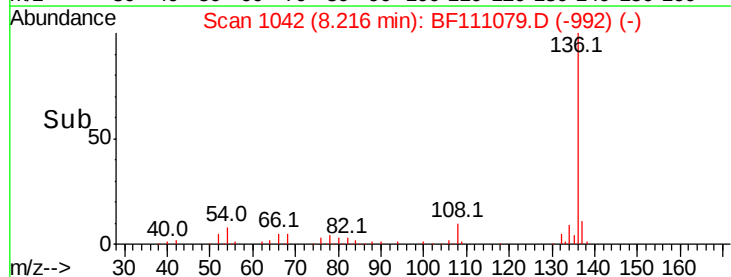
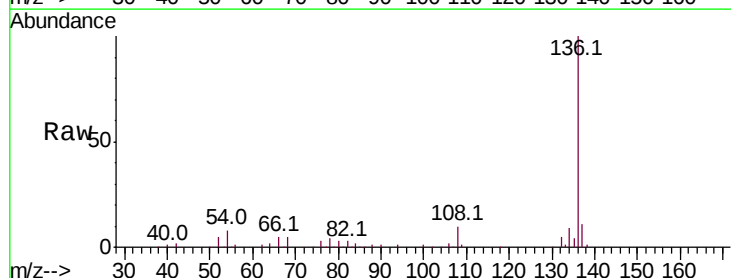
Instrument :
BNA_F
ClientSampleId :

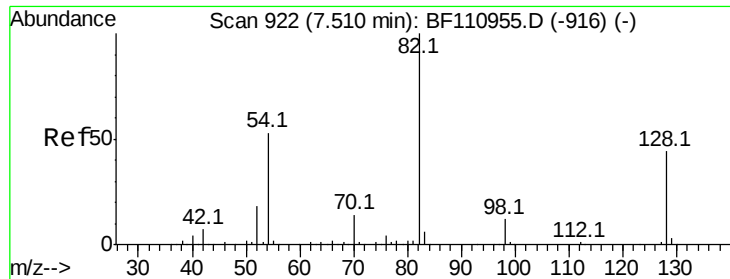
Tot Ion: 70 Resp: 52678
Ion Ratio Lower Upper
70 100
42 51.3 47.4 71.2
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111079.D
Acq: 29 Nov 2018 7:38

Tgt Ion: 136 Resp: 228528
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.4 5.4 8.2#
68 5.0 4.2 6.2

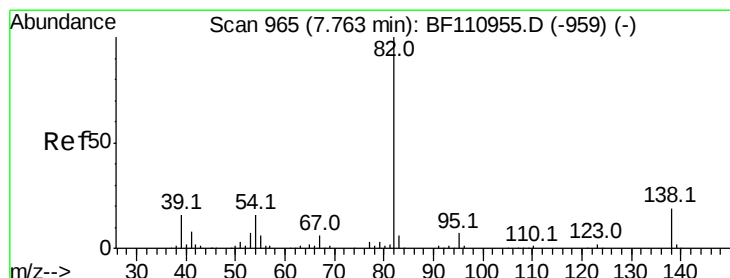
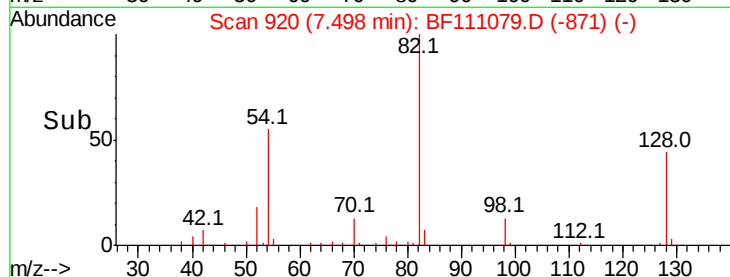
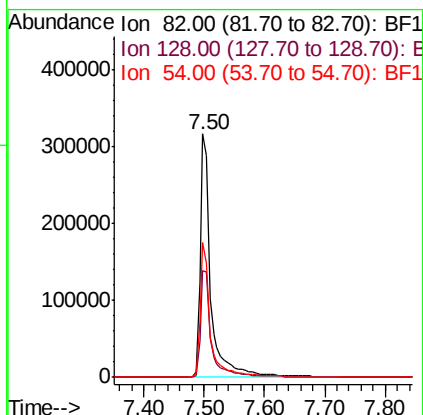
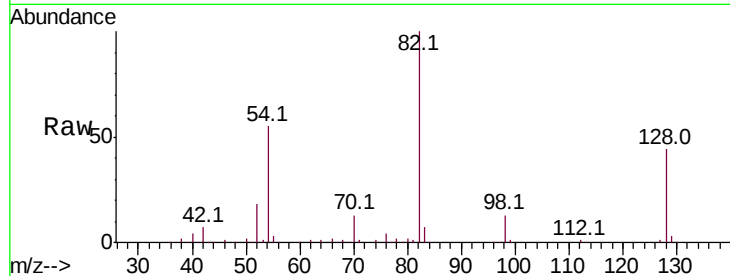




#23
 Nitrobenzene-d5
 Concen: 99.317 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF111079.D
 Acq: 29 Nov 2018 7:38

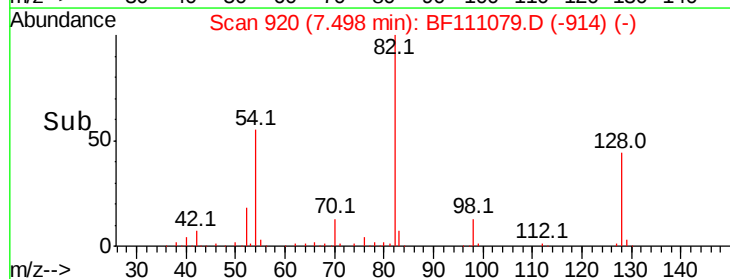
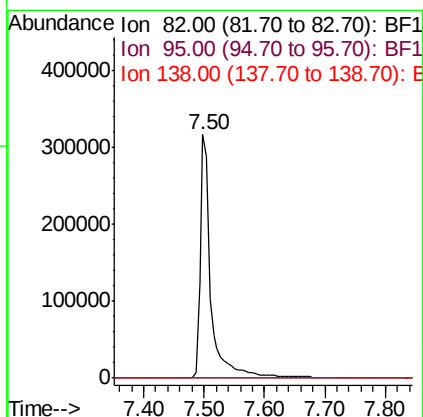
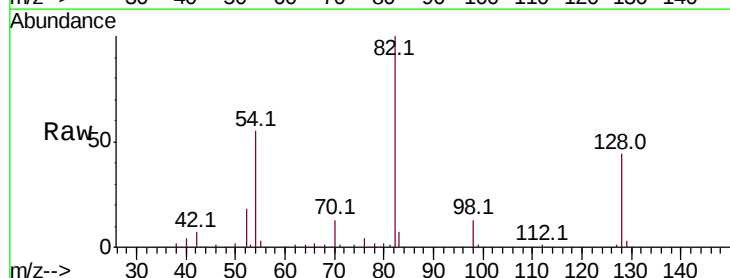
Instrument :
 BNA_F
 ClientSampled :

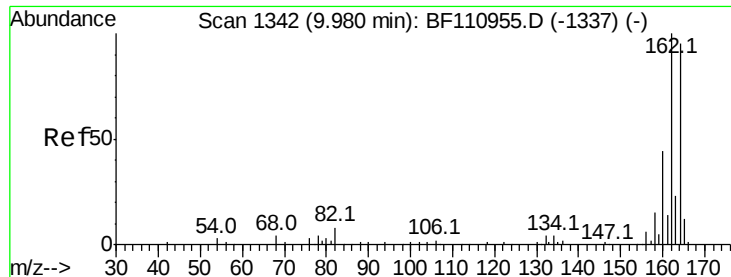
Tot Ion	82	Resp	396583
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.2	51.2
54	55.5	38.6	58.0



#25
 Isophorone
 Concen: 60.546 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.26 min
 Lab File: BF111079.D
 Acq: 29 Nov 2018 7:38

Tgt Ion	82	Resp	396583
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

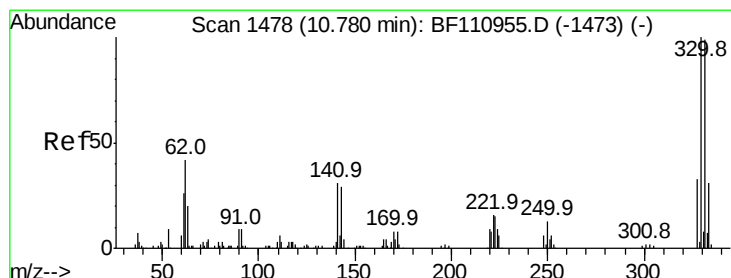
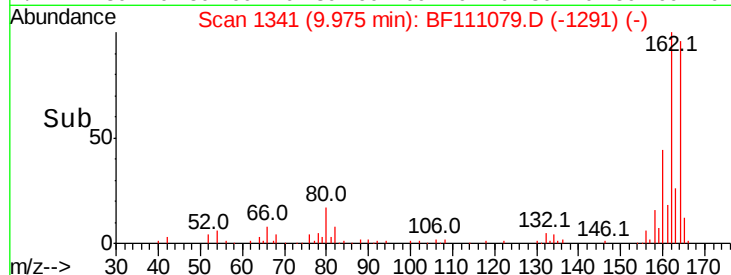
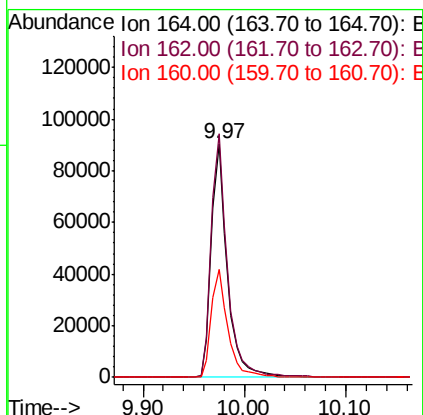
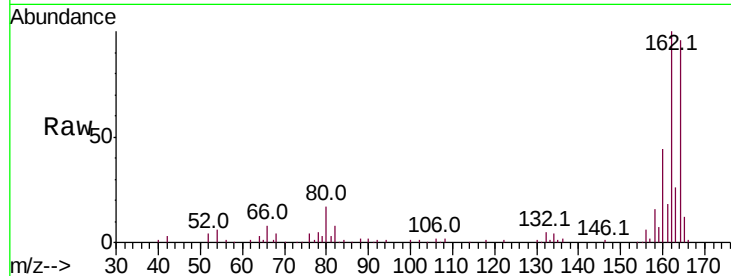




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111079.D
Acq: 29 Nov 2018 7:38

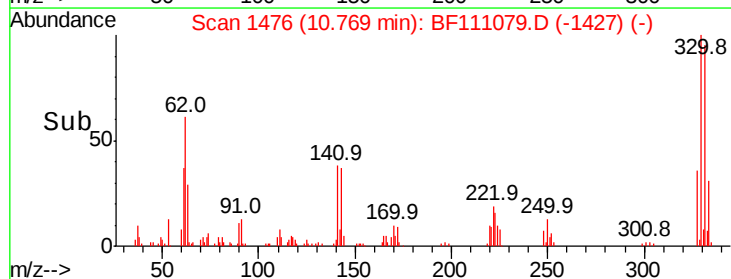
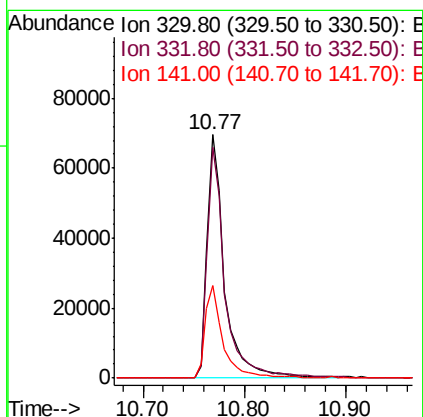
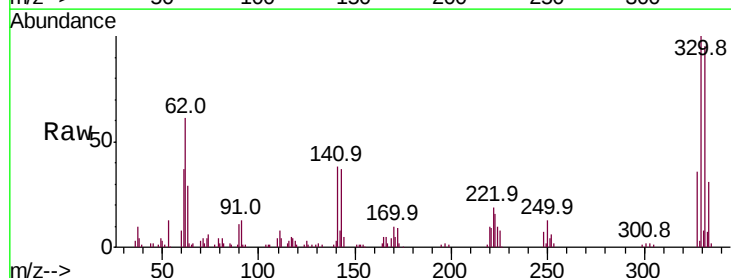
Instrument :
BNA_F
ClientSampleId :

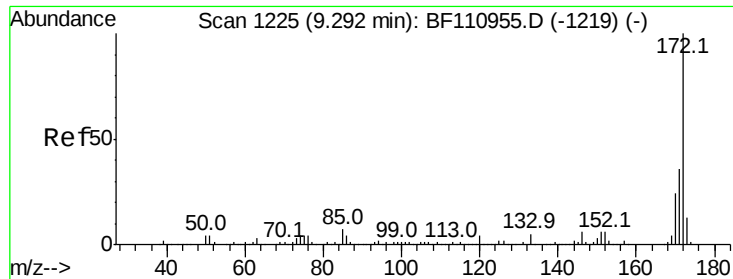
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.6
160	46.4	37.0	55.6



#42
2,4,6-Tribromophenol
Concen: 84.142 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111079.D
Acq: 29 Nov 2018 7:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	38.6	27.0	40.4

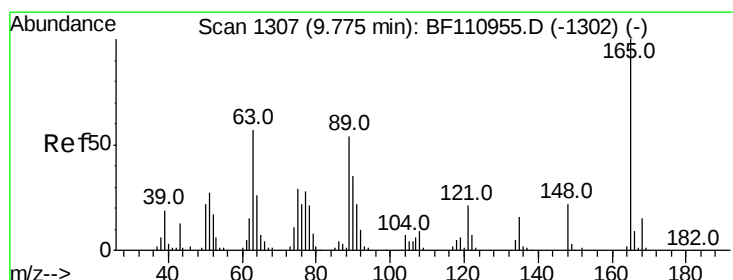
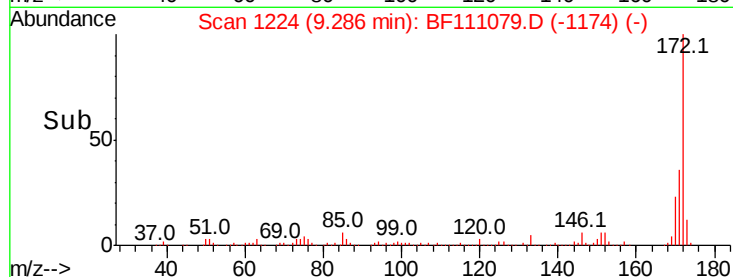
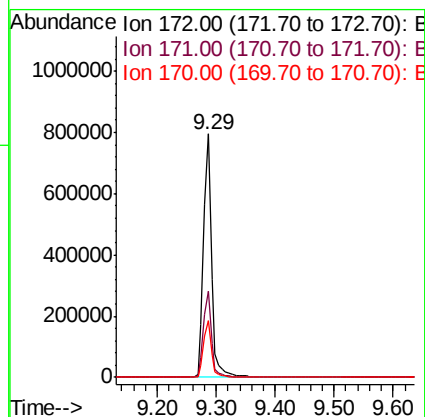
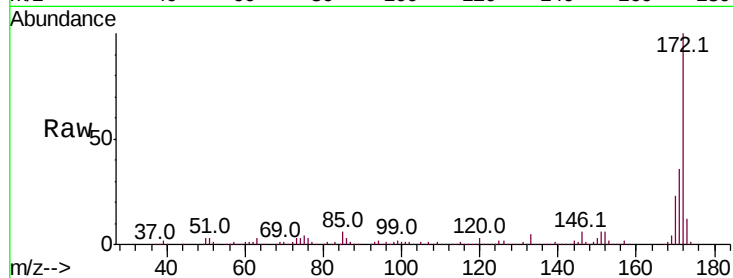




#45
 2-Fluorobiphenyl
 Concen: 107.040 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111079.D
 Acq: 29 Nov 2018 7:38

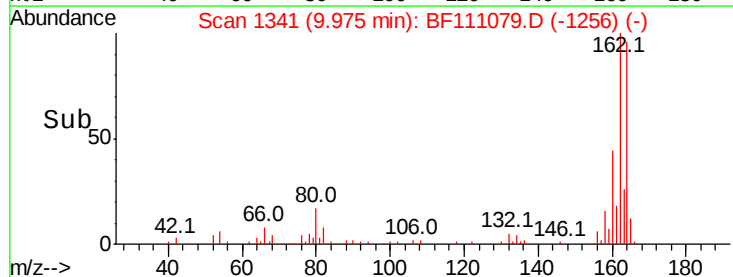
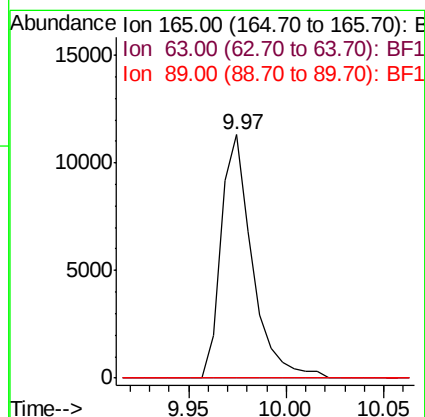
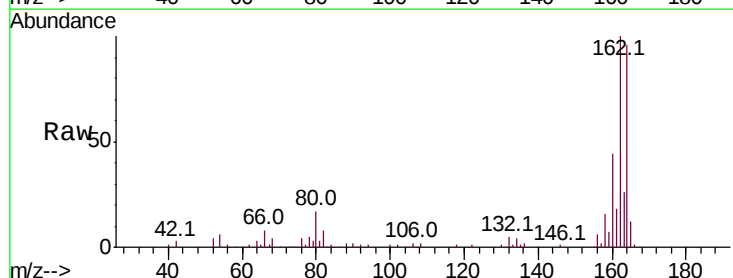
Instrument :
 BNA_F
 ClientSampleId :

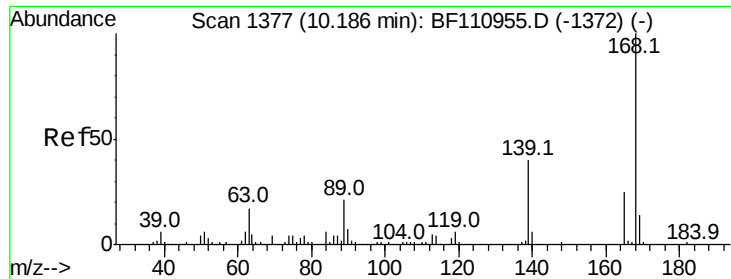
Tot Ion:172 Resp: 740214
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.2 19.7 29.5



#51
 2,6-Dinitrotoluene
 Concen: 7.636 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.20 min
 Lab File: BF111079.D
 Acq: 29 Nov 2018 7:38

Tgt Ion:165 Resp: 12490
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#

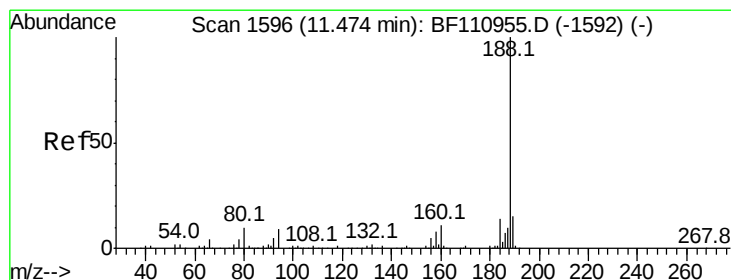
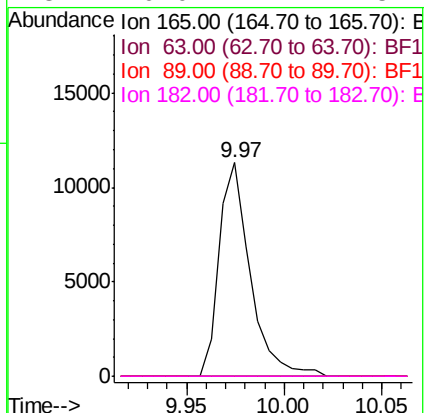
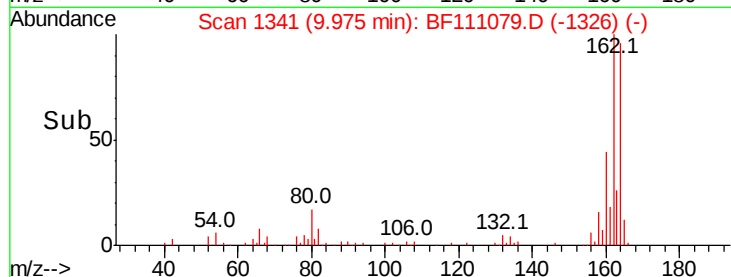
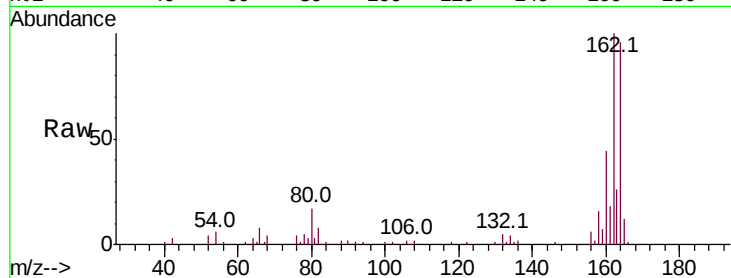




#57
 2,4-Dinitrotoluene
 Concen: 5.885 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.21 min
 Lab File: BF111079.D
 Acq: 29 Nov 2018 7:38

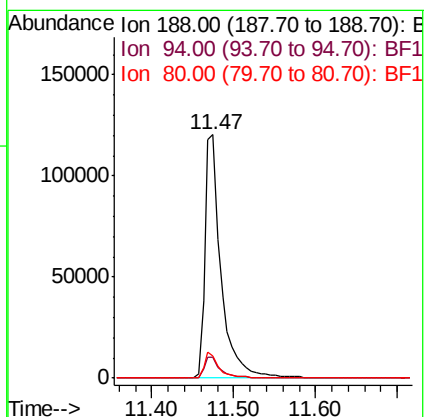
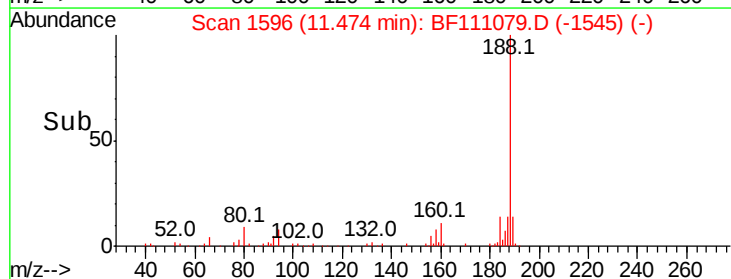
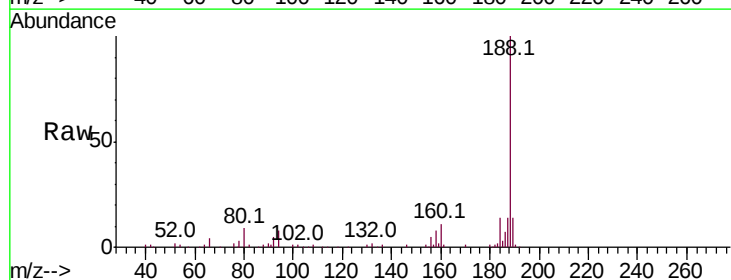
Instrument :
 BNA_F
 ClientSampleId :

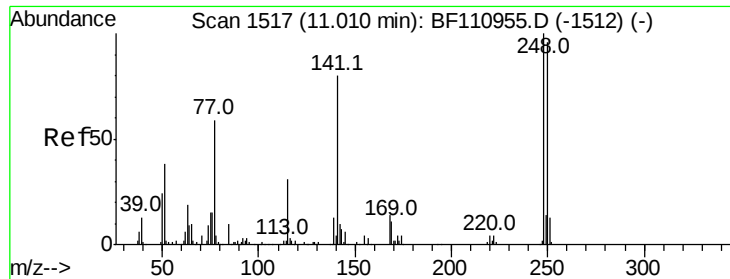
Tot Ion:165 Resp: 12490
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.8 67.2#
 89 0.0 62.2 93.4#
 182 0.0 2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF111079.D
 Acq: 29 Nov 2018 7:38

Tgt Ion:188 Resp: 165092
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.2 10.8
 80 8.9 7.9 11.9

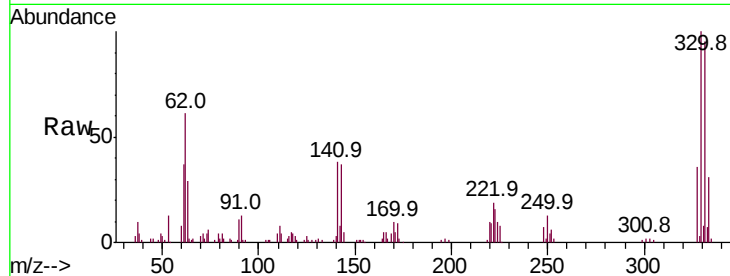




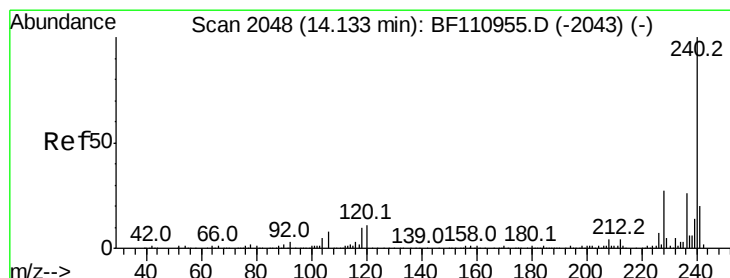
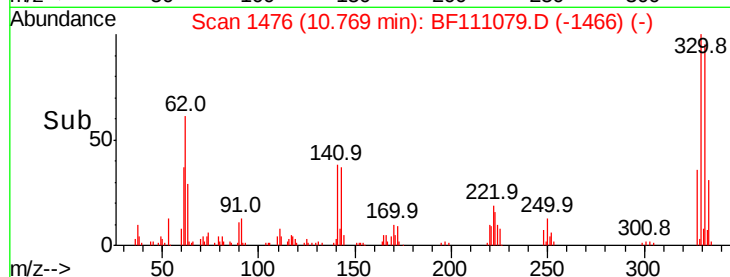
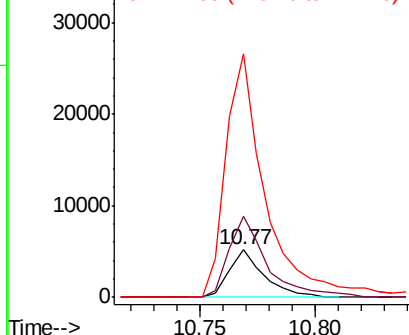
#67
 4-Bromophenyl-phenylether
 Concen: 3.030 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.24 min
 Lab File: BF111079.D
 Acq: 29 Nov 2018 7:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 5448
 Ion Ratio Lower Upper
 248 100
 250 171.5 79.4 119.2#
 141 513.1 55.9 83.9#

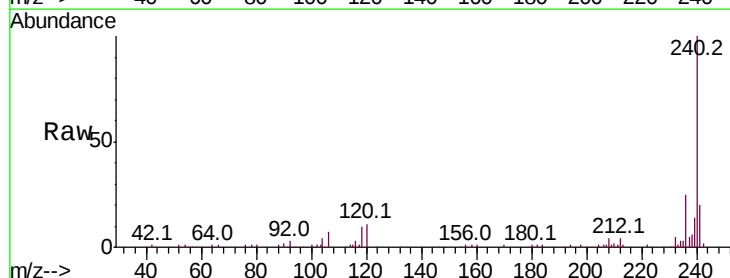


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

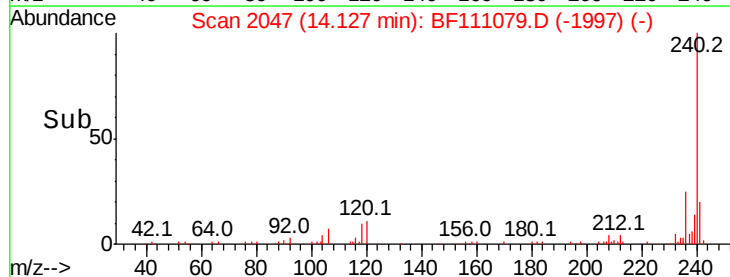
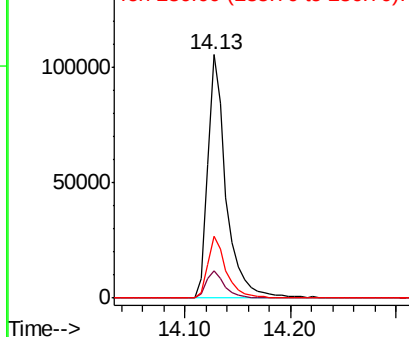


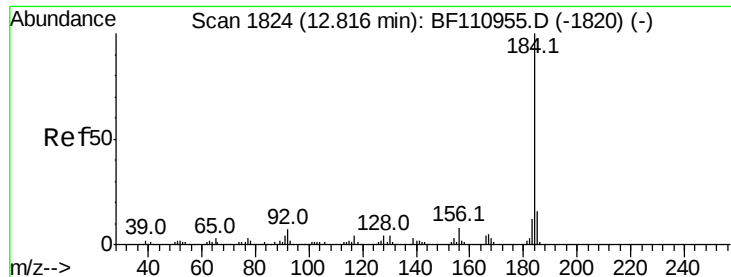
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF111079.D
 Acq: 29 Nov 2018 7:38

Tgt Ion:240 Resp: 127671
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.3 12.5
 236 25.2 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: 2.335 ng

RT: 13.05 min Scan# 1864

Delta R.T. 0.24 min

Lab File: BF111079.D

Acq: 29 Nov 2018 7:38

Instrument :

BNA_F

ClientSampleId :

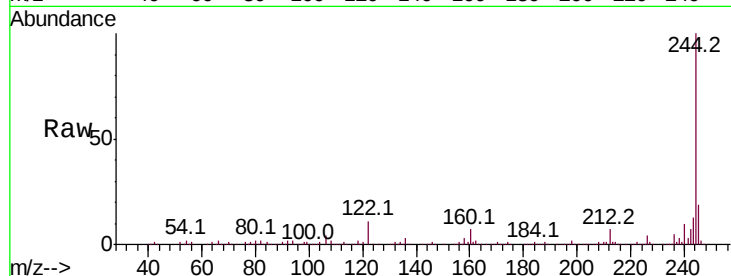
Tot Ion:184 Resp: 7625

Ion Ratio Lower Upper

184 100

185 13.2 13.4 20.2#

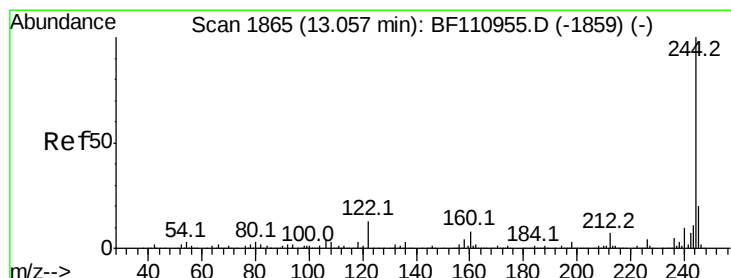
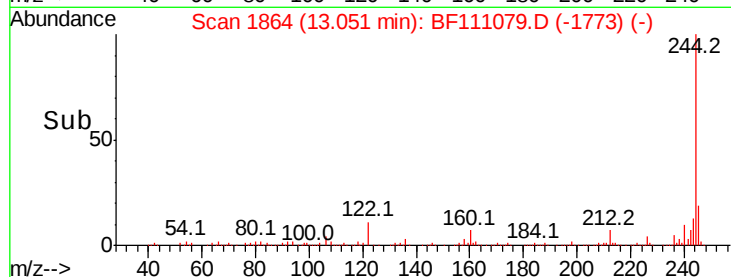
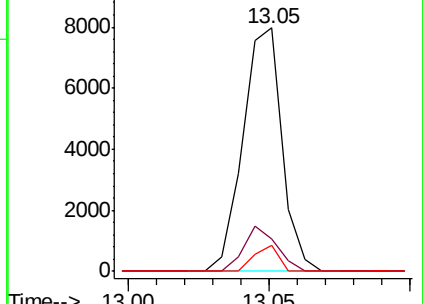
183 10.5 9.4 14.2



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: 86.041 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111079.D

Acq: 29 Nov 2018 7:38

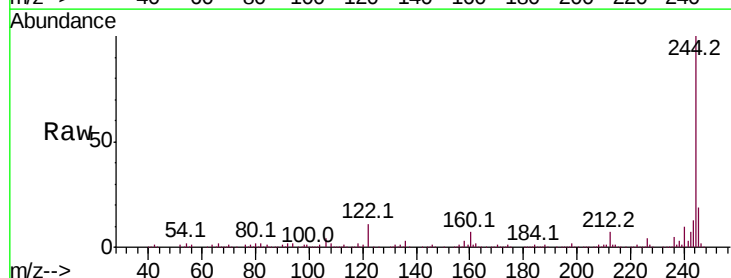
Tgt Ion:244 Resp: 564300

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

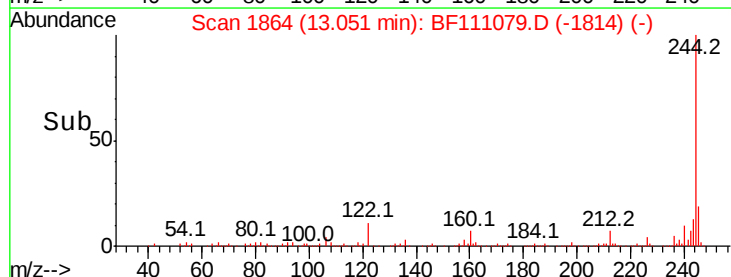
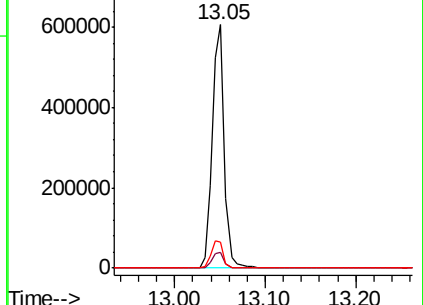
122 10.6 8.7 13.1

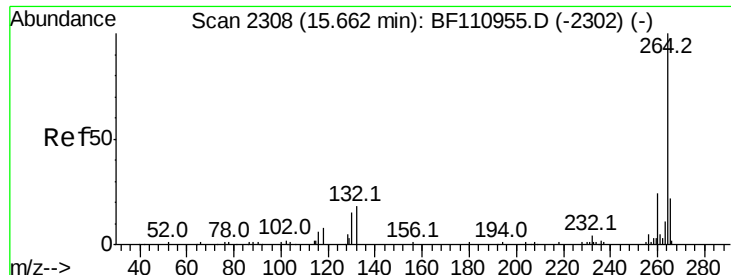


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

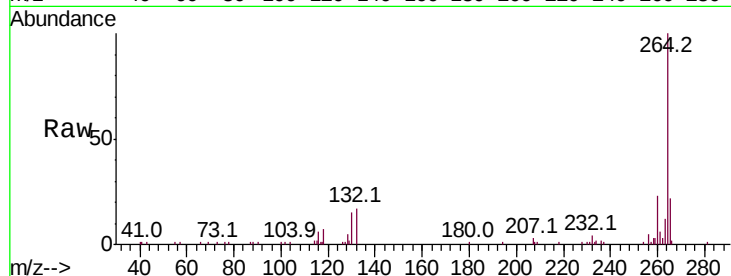




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BF111079.D
 Acq: 29 Nov 2018 7:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	22.3	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

