

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110717\
 Data File : BF100279.D
 Acq On : 7 Nov 2017 12:56
 Operator : SJ/JU
 Sample : I6336-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 23:49:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:59:38 2017
 Response via : Initial Calibration

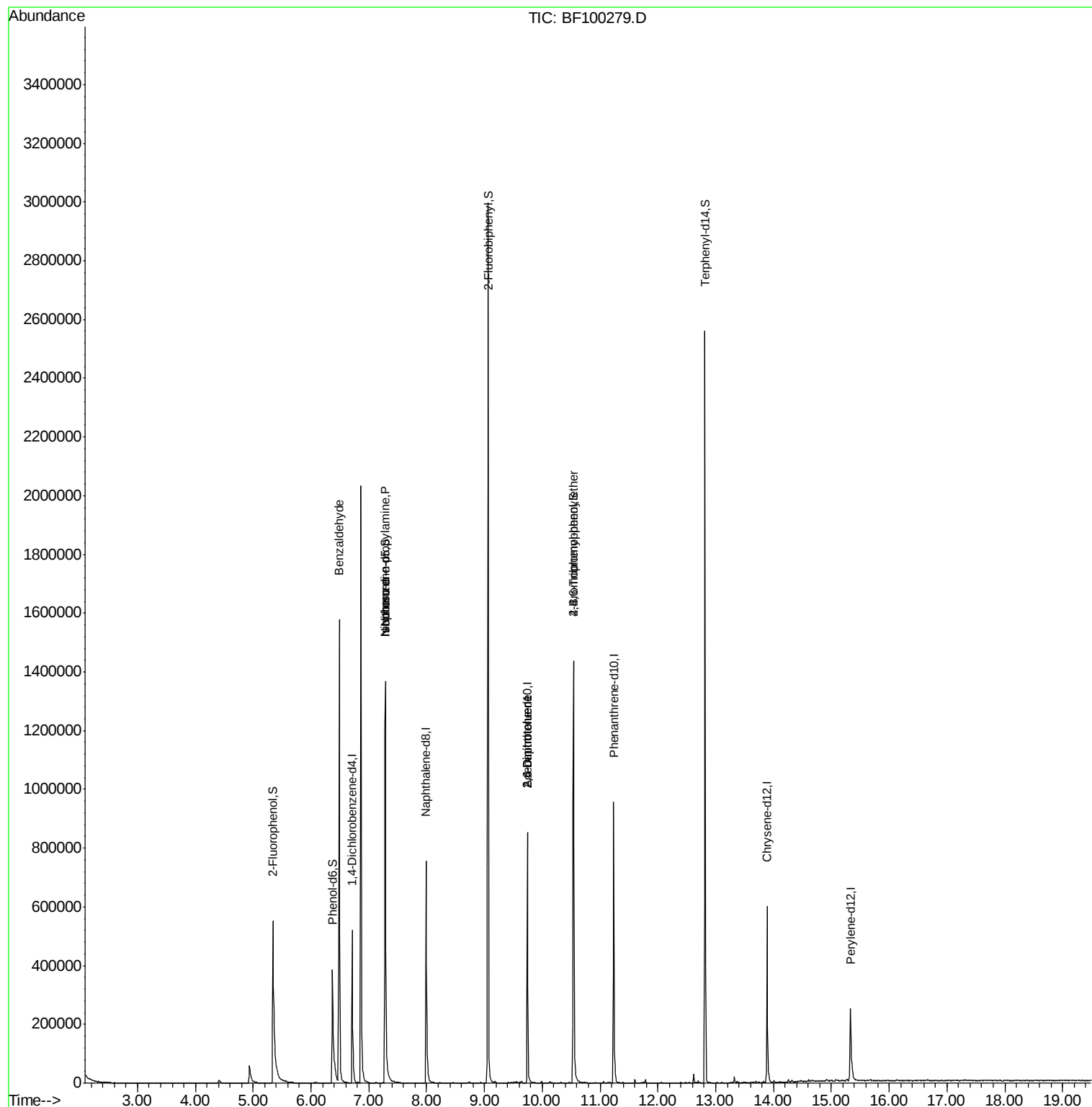
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	99895	20.00	ng	-0.05
21) Naphthalene-d8	7.99	136	409506	20.00	ng	-0.05
38) Acenaphthene-d10	9.74	164	198665	20.00	ng	-0.06
63) Phenanthrene-d10	11.23	188	376233	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	241737	20.00	ng	-0.06
86) Perylene-d12	15.33	264	157242	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	364830	57.34	ng	-0.04
7) Phenol-d6	6.37	99	268839	35.63	ng	-0.05
23) Nitrobenzene-d5	7.29	82	545825	85.81	ng	-0.05
41) 2,4,6-Tribromophenol	10.54	330	198022	109.38	ng	-0.06
44) 2-Fluorobiphenyl	9.06	172	1111421	86.31	ng	-0.05
78) Terphenyl-d14	12.82	244	977220	88.34	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.48	77	10858	2.408	ng	85
19) n-Nitroso-di-n-propylamine	7.29	70	68451	15.482	ng	# 70
25) Isophorone	7.29	82	545823	47.290	ng	# 64
50) 2,6-Dinitrotoluene	9.74	165	25504	7.711	ng	# 24
56) 2,4-Dinitrotoluene	9.74	165	25504	6.403	ng	# 21
66) 4-Bromophenyl-phenylether	10.54	248	12582	3.177	ng	# 1

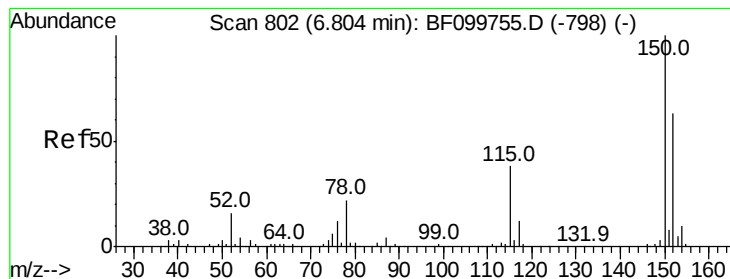
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110717\
Data File : BF100279.D
Acq On : 7 Nov 2017 12:56
Operator : SJ/JU
Sample : I6336-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 23:49:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:59:38 2017
Response via : Initial Calibration



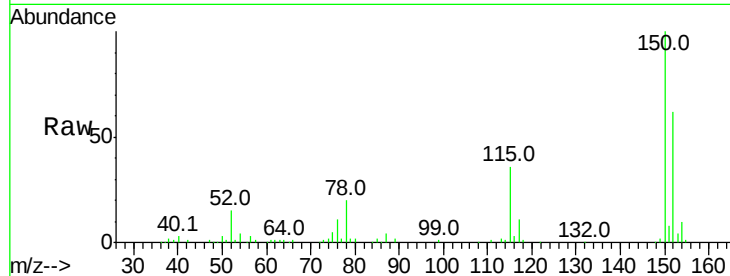


#1

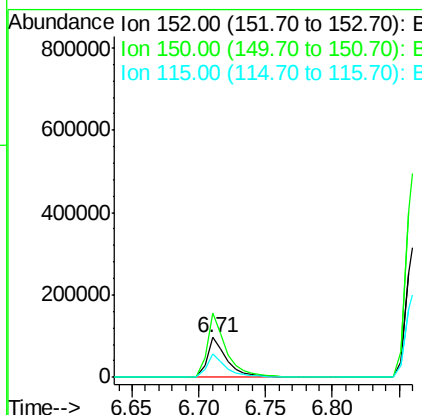
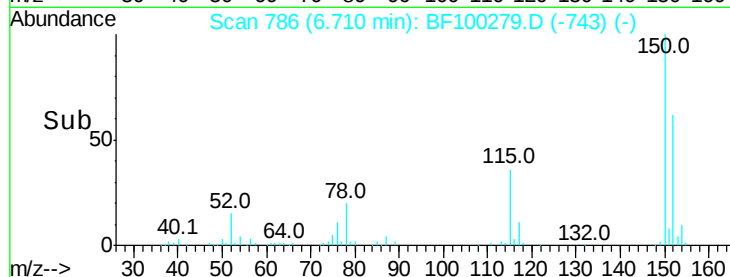
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.05 min
Lab File: BF100279.D
Acq: 7 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99895
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 58.2 50.1 75.1



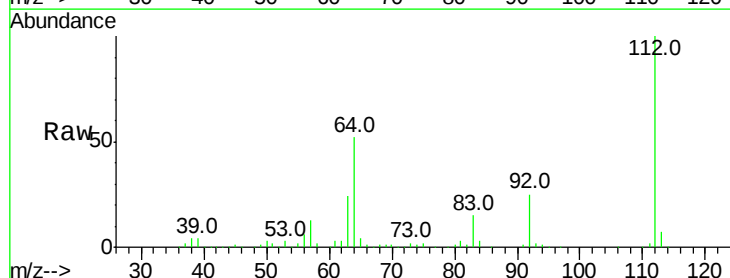
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



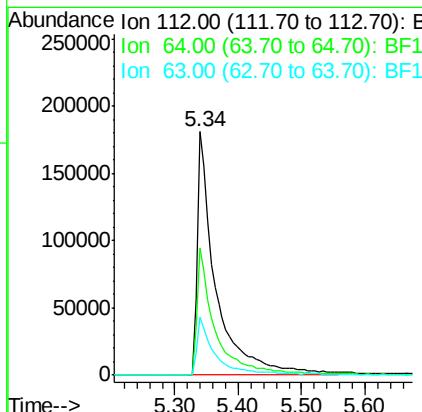
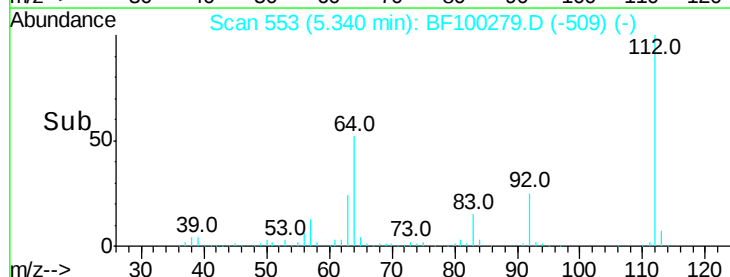
#5

2-Fluorophenol
Concen: 57.337 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.04 min
Lab File: BF100279.D
Acq: 7 Nov 2017 12:56

Tgt Ion:112 Resp: 364830
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 23.9 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: 35.633 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.05 min

Lab File: BF100279.D

Acq: 7 Nov 2017 12:56

Instrument :

BNA_F

ClientSampleId :

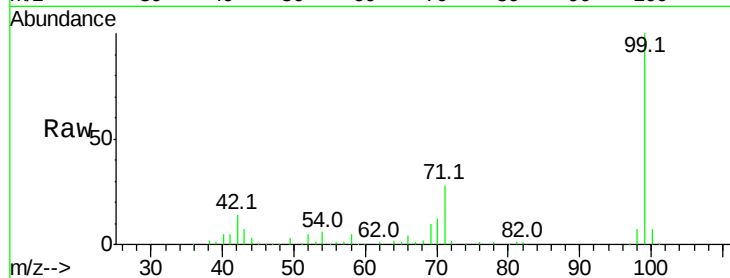
Tot Ion: 99 Resp: 268839

Ion Ratio Lower Upper

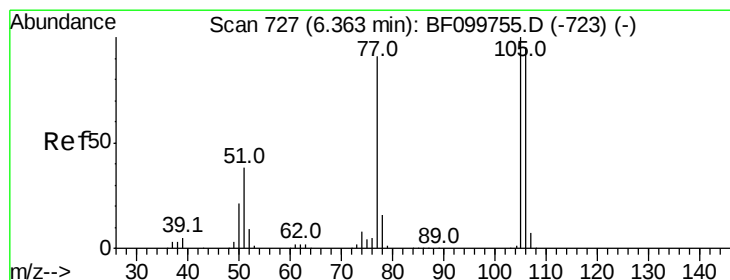
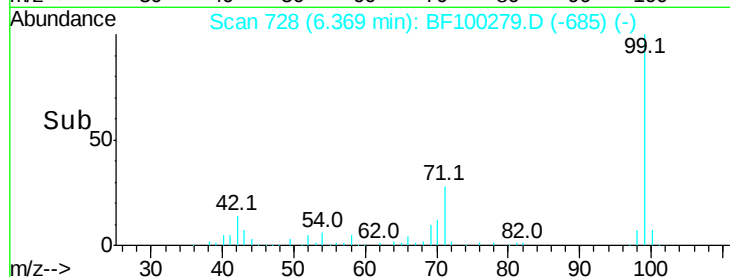
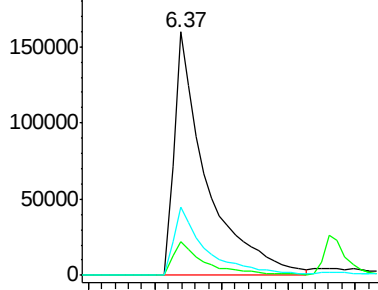
99 100

42 13.8 14.5 21.7#

71 27.9 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.408 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.15 min

Lab File: BF100279.D

Acq: 7 Nov 2017 12:56

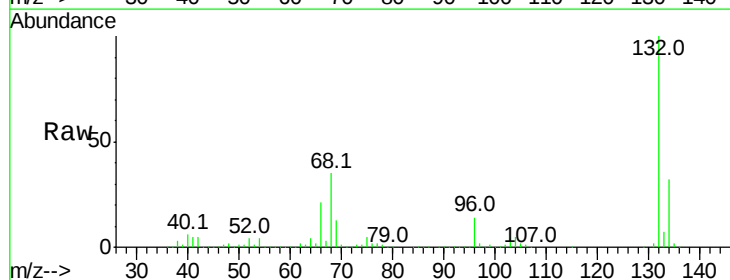
Tgt Ion: 77 Resp: 10858

Ion Ratio Lower Upper

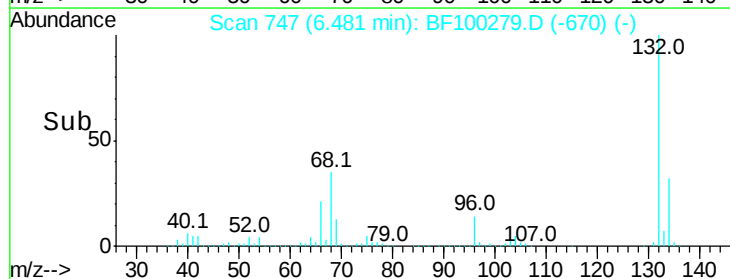
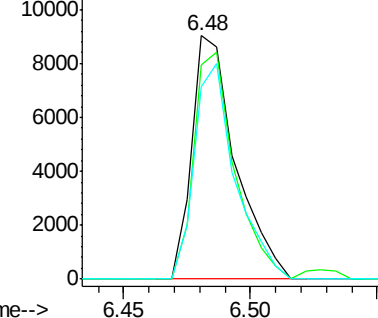
77 100

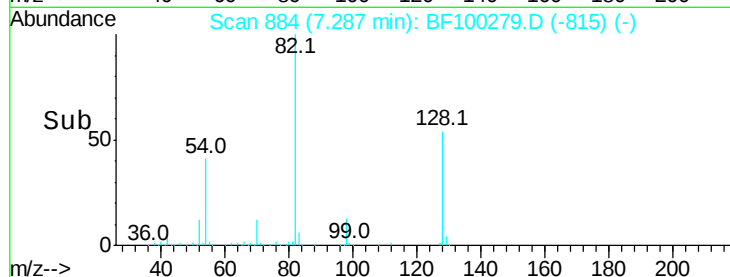
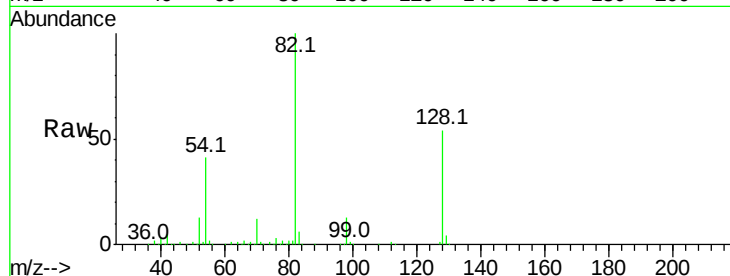
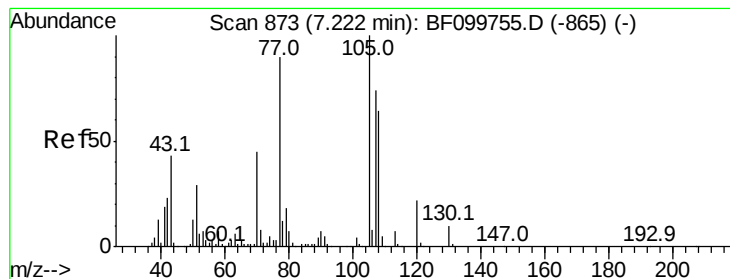
105 87.8 81.1 121.1

106 79.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.482 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF100279.D

Acq: 7 Nov 2017 12:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 68451

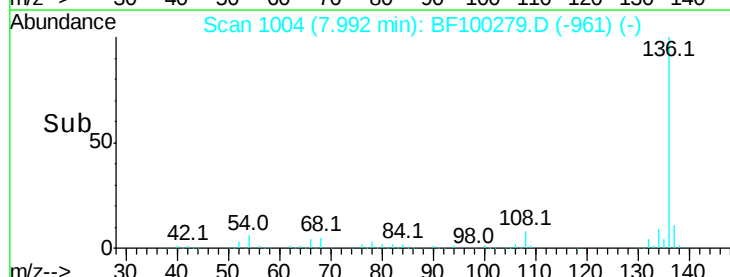
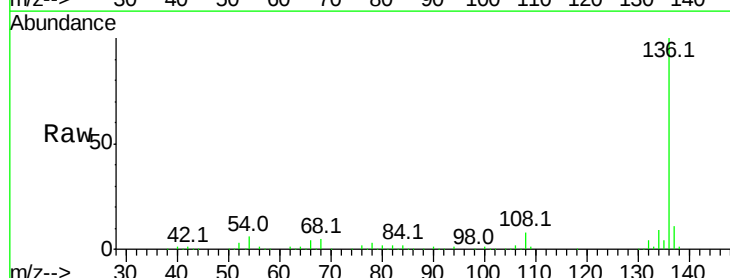
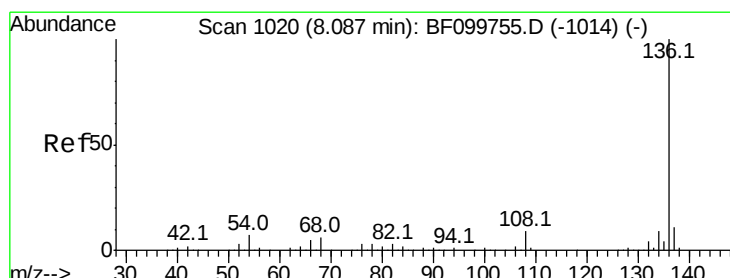
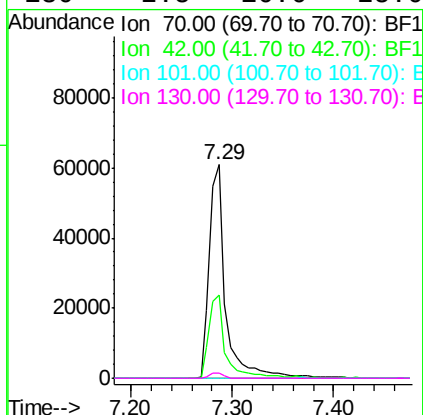
Ion Ratio Lower Upper

70 100

42 39.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.05 min

Lab File: BF100279.D

Acq: 7 Nov 2017 12:56

Tgt Ion:136 Resp: 409506

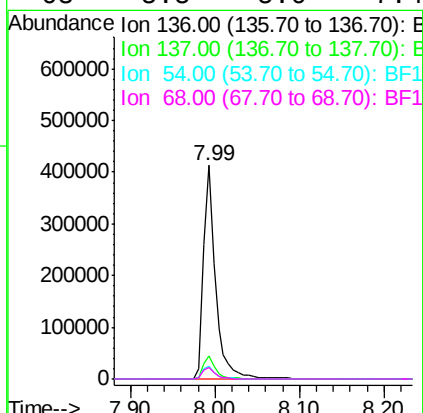
Ion Ratio Lower Upper

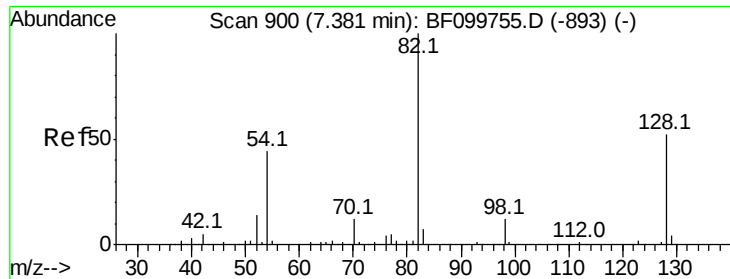
136 100

137 10.9 8.9 13.3

54 6.0 6.6 9.8#

68 5.5 5.0 7.4

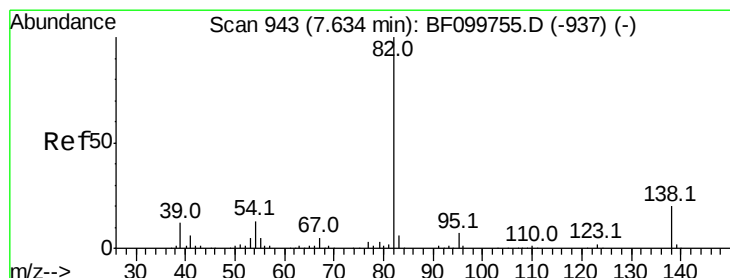
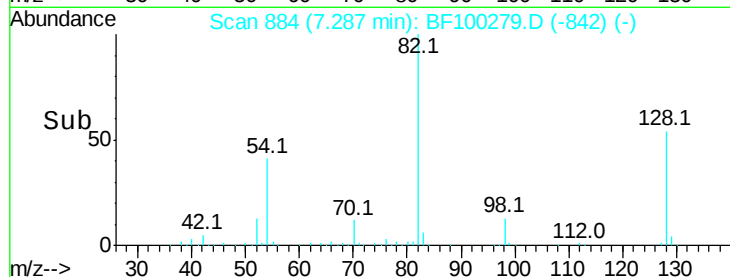
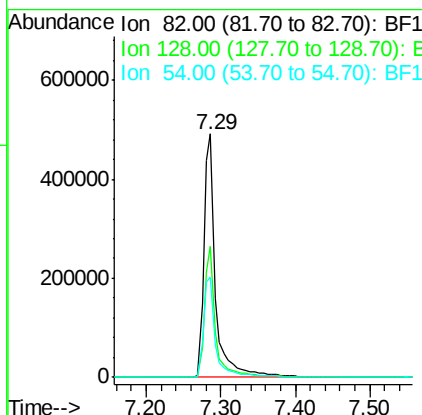
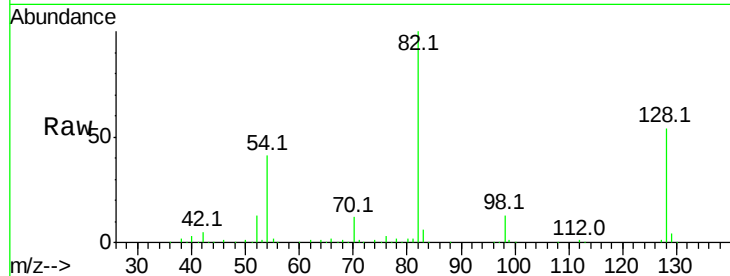




#23
 Nitrobenzene-d5
 Concen: 85.812 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.05 min
 Lab File: BF100279.D
 Acq: 7 Nov 2017 12:56

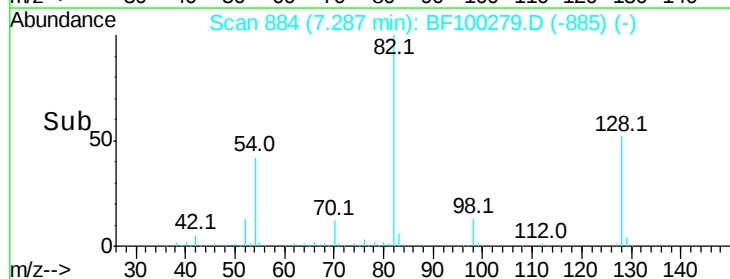
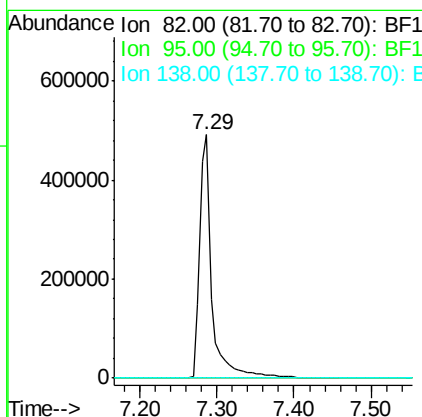
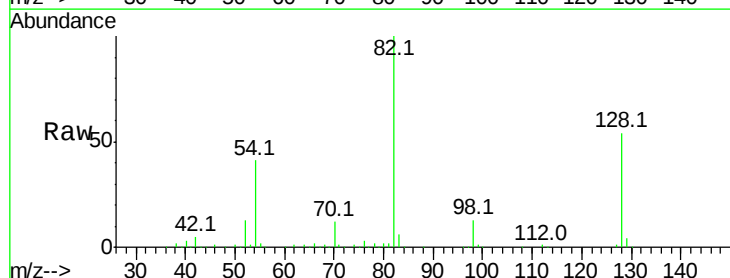
Instrument :
 BNA_F
 ClientSampleId :

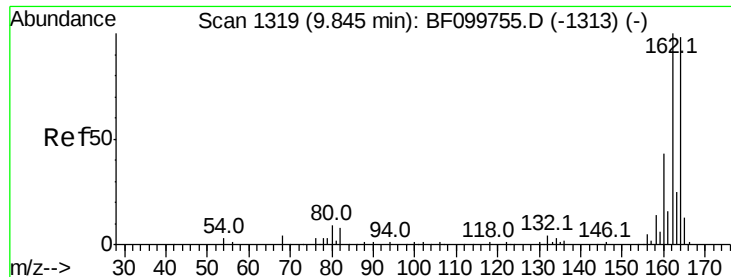
Tot Ion: 82 Resp: 545825
 Ion Ratio Lower Upper
 82 100
 128 53.6 36.1 54.1
 54 41.4 41.4 62.2#



#25
 Isophorone
 Concen: 47.290 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.31 min
 Lab File: BF100279.D
 Acq: 7 Nov 2017 12:56

Tgt Ion: 82 Resp: 545823
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

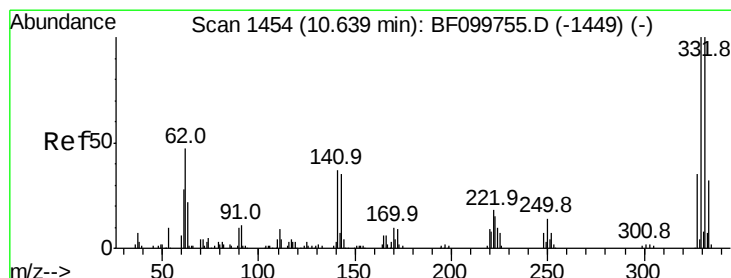
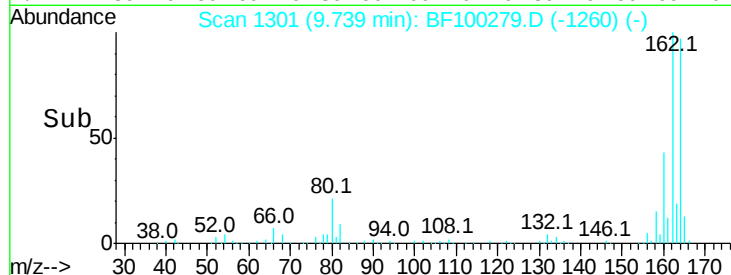
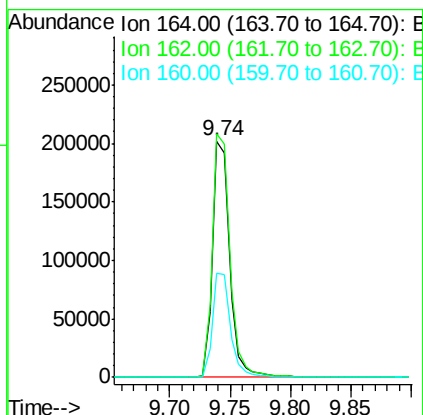
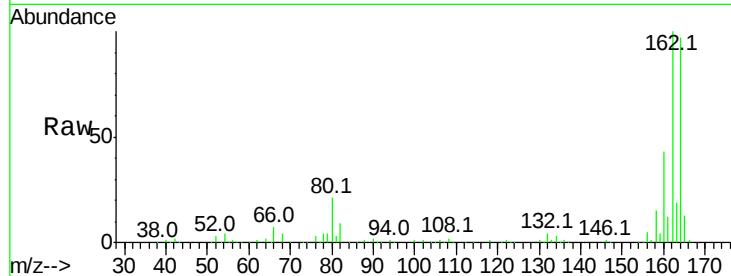




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.06 min
Lab File: BF100279.D
Acq: 7 Nov 2017 12:56

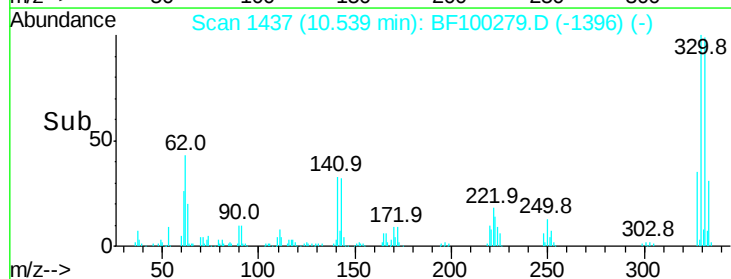
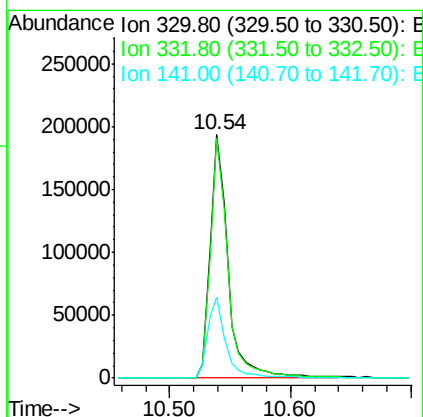
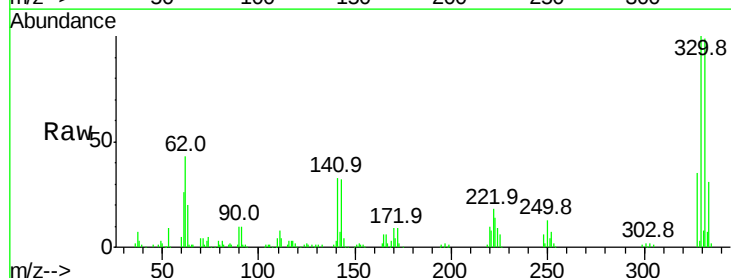
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 198665
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 43.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 109.376 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.06 min
Lab File: BF100279.D
Acq: 7 Nov 2017 12:56

Tgt Ion:330 Resp: 198022
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 34.7 29.9 44.9



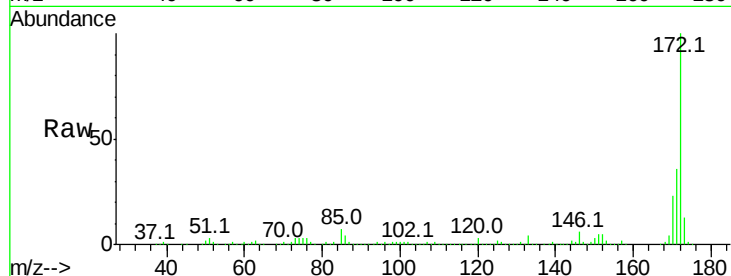


#44
 2-Fluorobiphenyl
 Concen: 86.313 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.05 min
 Lab File: BF100279.D
 Acq: 7 Nov 2017 12:56

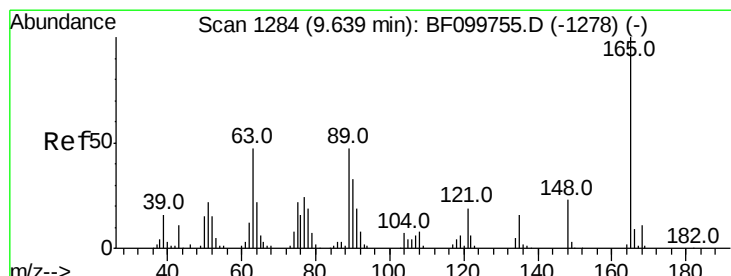
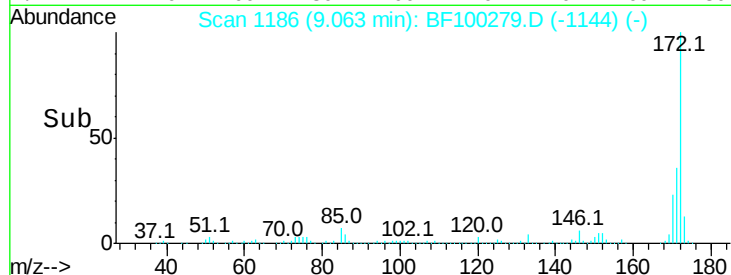
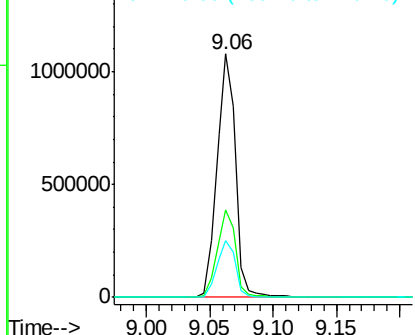
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1111421

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.4	19.6	29.4



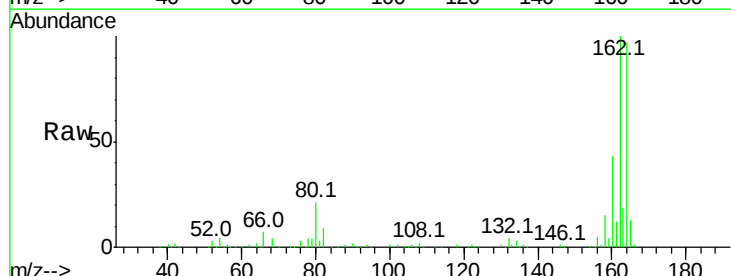
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



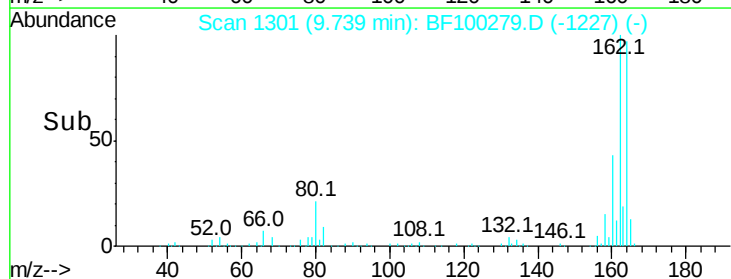
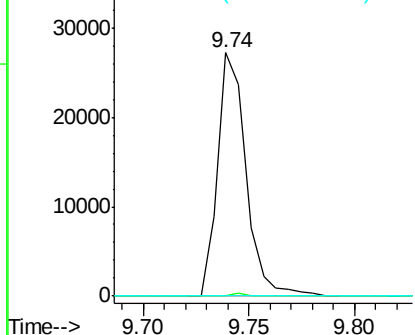
#50
 2,6-Dinitrotoluene
 Concen: 7.711 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.14 min
 Lab File: BF100279.D
 Acq: 7 Nov 2017 12:56

Tgt Ion:165 Resp: 25504

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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

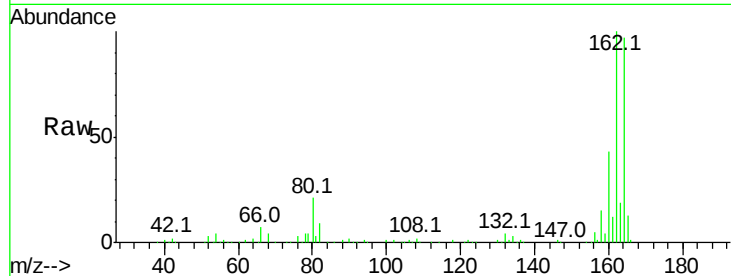




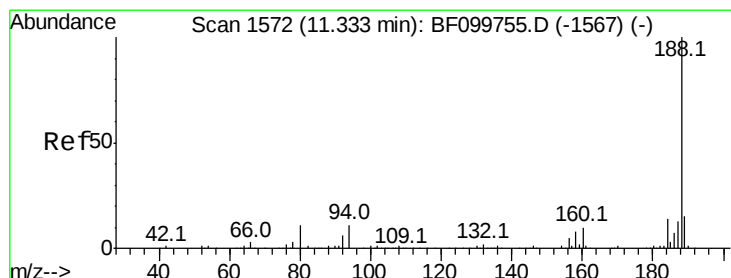
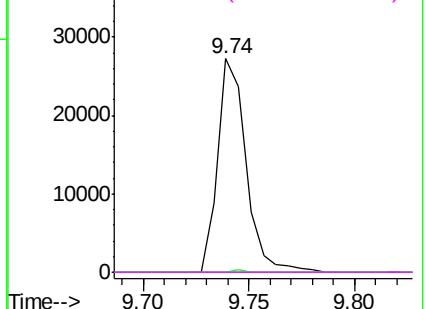
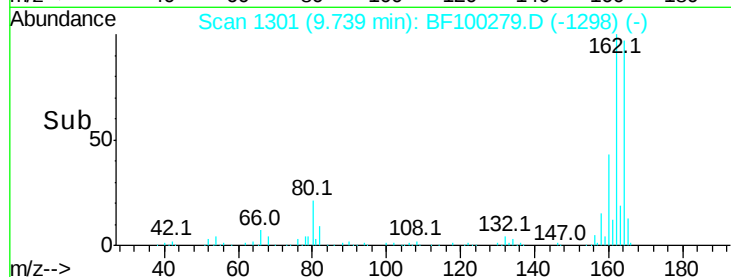
#56
 2,4-Dinitrotoluene
 Concen: 6.403 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.28 min
 Lab File: BF100279.D
 Acq: 7 Nov 2017 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25504
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

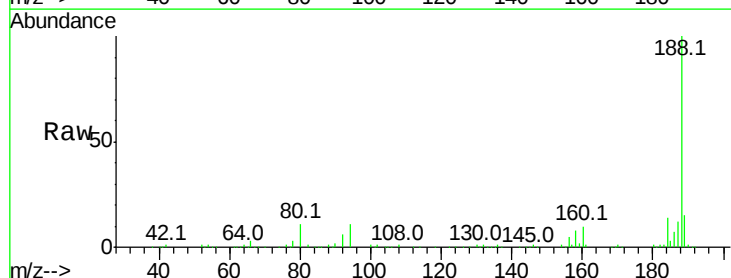


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

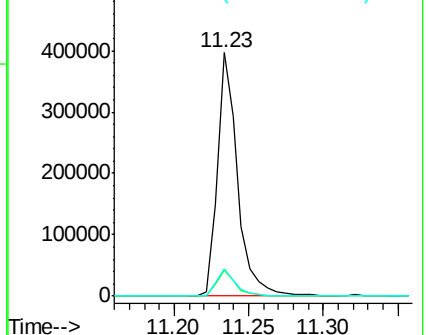
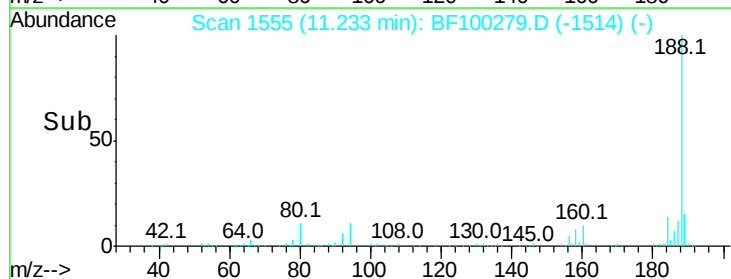


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.06 min
 Lab File: BF100279.D
 Acq: 7 Nov 2017 12:56

Tgt Ion:188 Resp: 376233
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.0 9.2 13.8



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

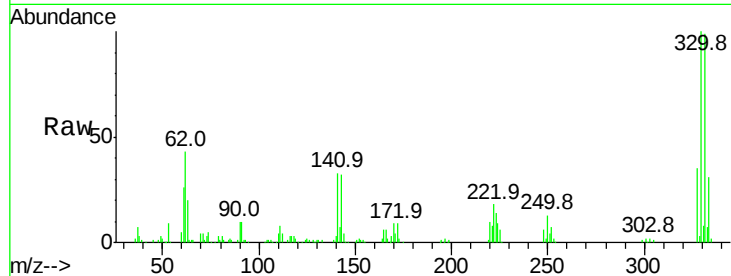




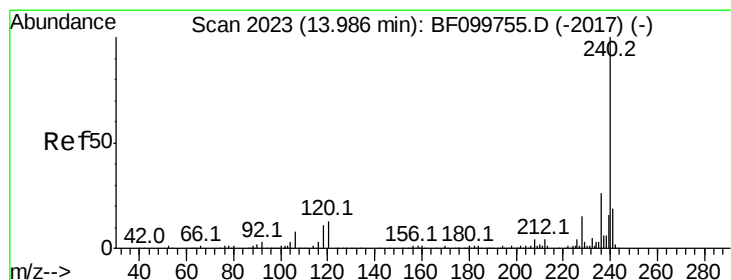
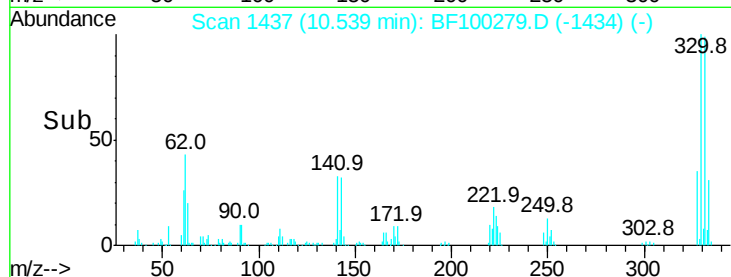
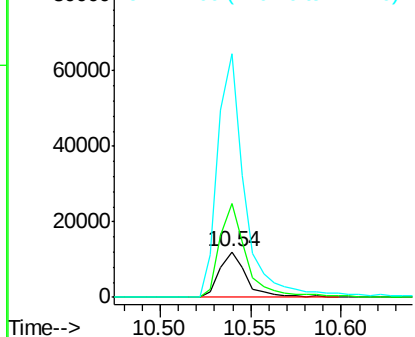
#66
4-Bromophenyl-phenylether
Concen: 3.177 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.28 min
Lab File: BF100279.D
Acq: 7 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12582
Ion Ratio Lower Upper
248 100
250 205.8 76.9 115.3#
141 530.9 74.4 111.6#

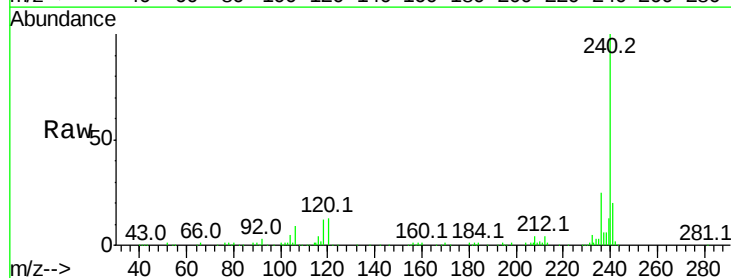


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

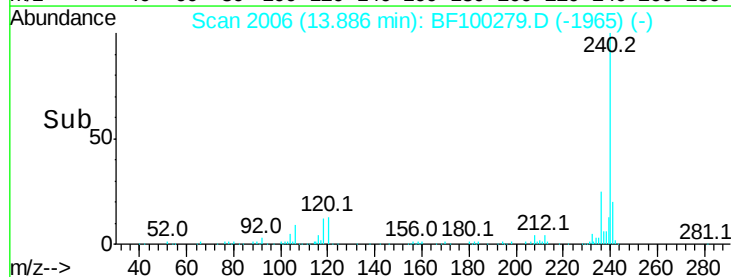
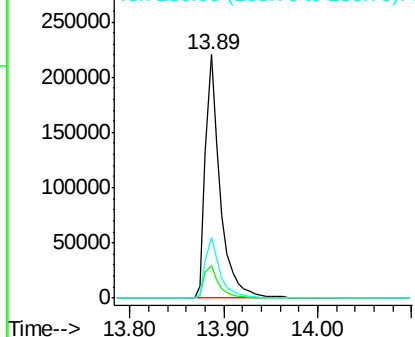


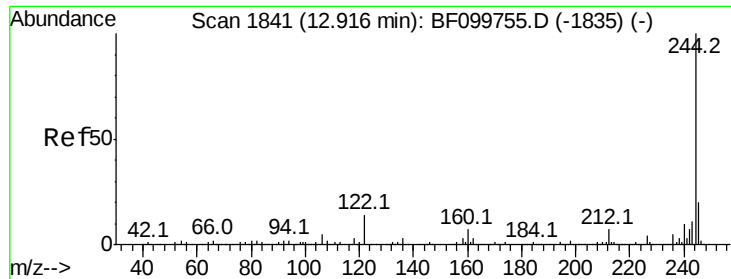
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.06 min
Lab File: BF100279.D
Acq: 7 Nov 2017 12:56

Tgt Ion:240 Resp: 241737
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 24.6 20.7 31.1



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

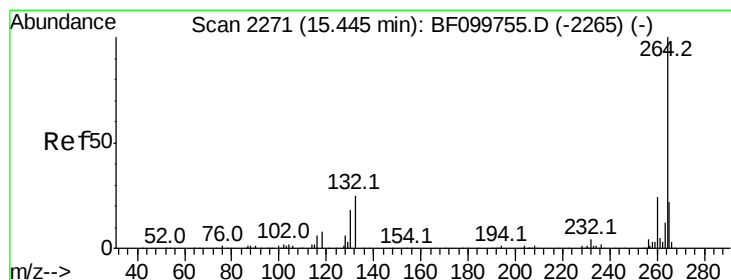
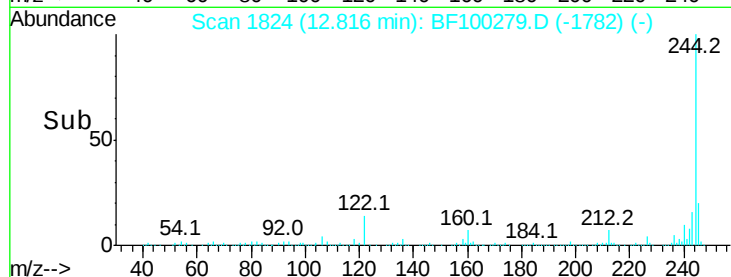
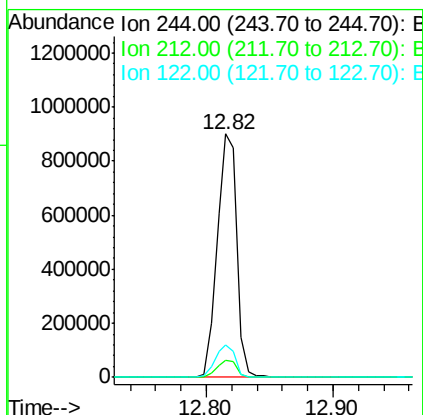
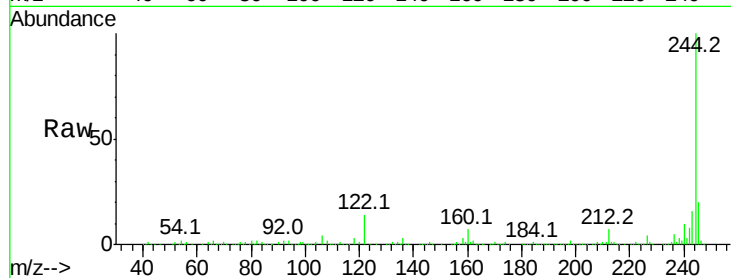




#78
 Terphenyl-d14
 Concen: 88.343 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.05 min
 Lab File: BF100279.D
 Acq: 7 Nov 2017 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 977220
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.07 min
 Lab File: BF100279.D
 Acq: 7 Nov 2017 12:56

Tgt Ion:264 Resp: 157242
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 21.3 17.5 26.3

