

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100065.D
 Acq On : 2 Nov 2017 00:34
 Operator : SJ/JU
 Sample : I6216-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 01:42:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	87442	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	358718	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	158301	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	259902	20.00	ng	0.00
75) Chrysene-d12	14.24	240	172746	20.00	ng	0.26
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	535628	96.17	ng	0.01
7) Phenol-d6	6.43	99	670789	101.57	ng	0.00
23) Nitrobenzene-d5	7.35	82	363711	65.28	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	135963	94.25	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	634698	61.86	ng	0.00
78) Terphenyl-d14	12.98	244	492486	62.30	ng	0.08

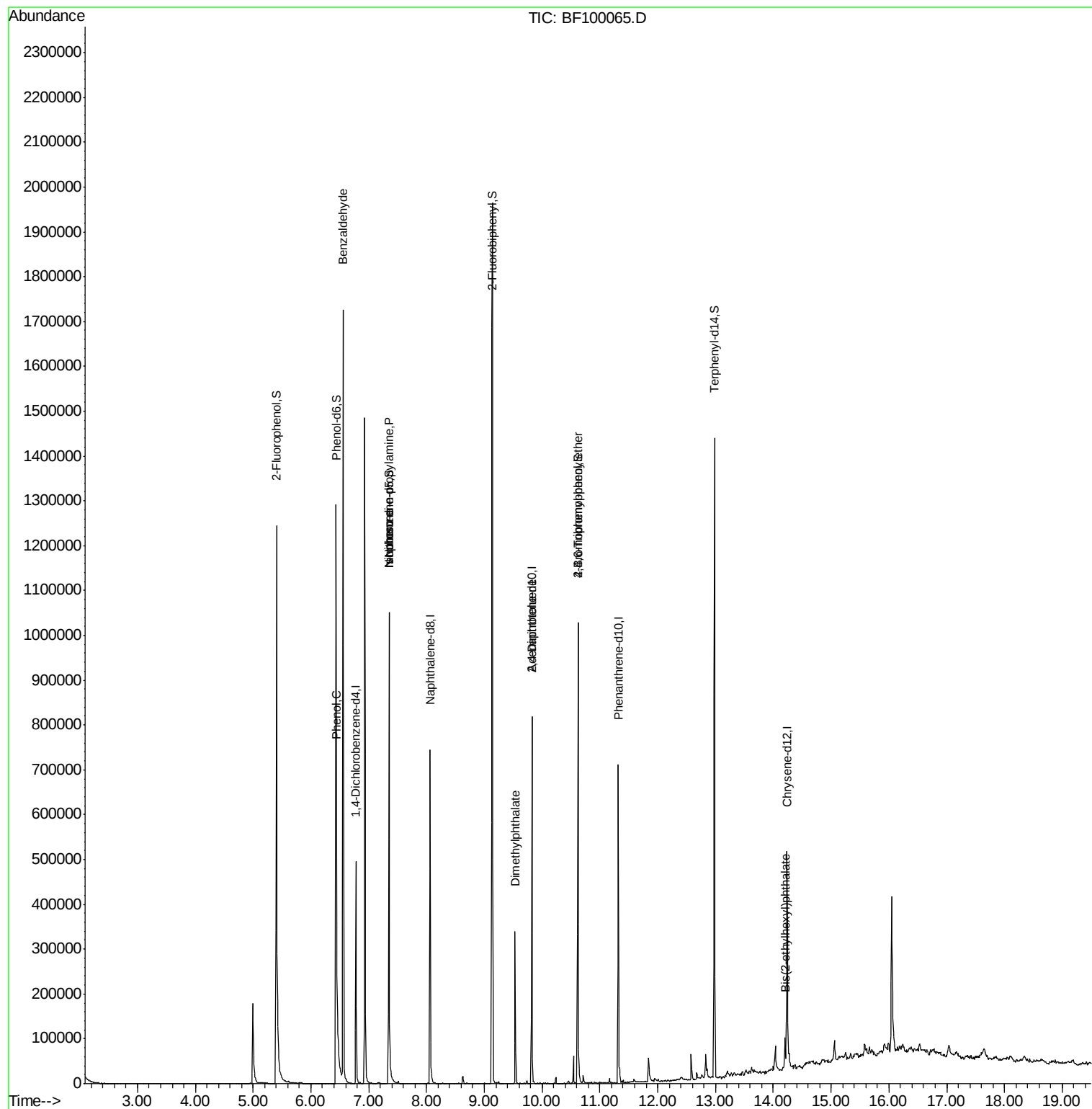
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	9915	2.512	ng	92
10) Phenol	6.45	94	25335	3.494	ng	# 70
19) n-Nitroso-di-n-propylamine	7.35	70	44359	11.462	ng	# 71
25) Isophorone	7.35	82	363711	35.974	ng	# 64
49) Dimethylphthalate	9.53	163	150867	12.035	ng	99
56) 2,4-Dinitrotoluene	9.82	165	20254	6.382	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	8757	3.201	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.20	149	21950	2.416	ng	95

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100065.D
Acq On : 2 Nov 2017 00:34
Operator : SJ/JU
Sample : I6216-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 02 01:42:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration



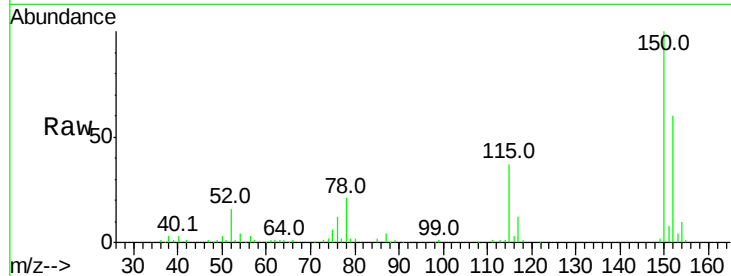


#1

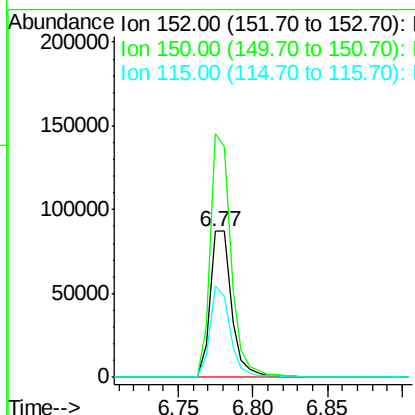
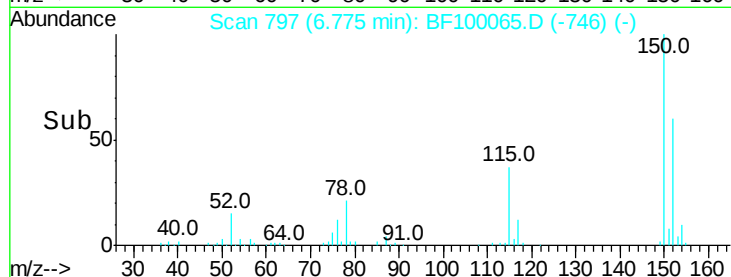
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF100065.D
Acq: 2 Nov 2017 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87442
Ion Ratio Lower Upper
152 100
150 166.6 124.6 186.8
115 62.5 50.1 75.1



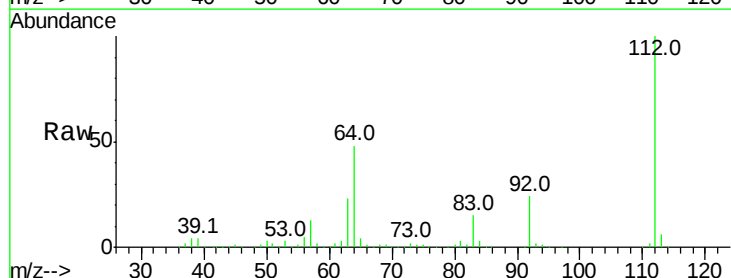
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



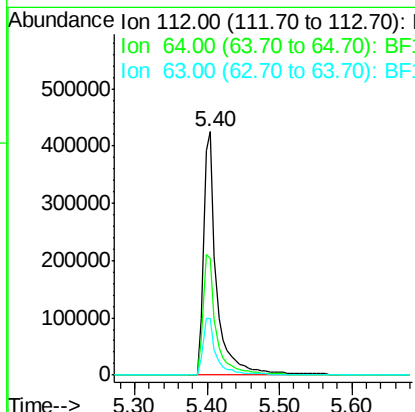
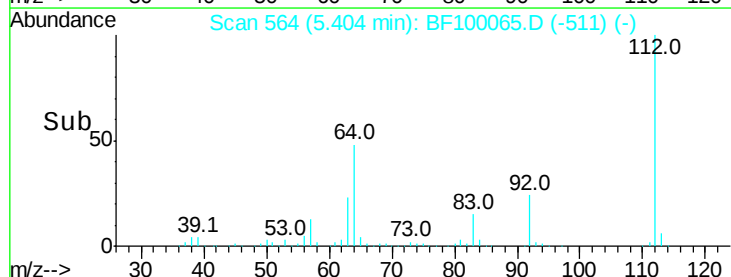
#5

2-Fluorophenol
Concen: 96.169 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100065.D
Acq: 2 Nov 2017 00:34

Tgt Ion:112 Resp: 535628
Ion Ratio Lower Upper
112 100
64 48.2 47.9 71.9
63 23.2 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: 101.572 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100065.D

Acq: 2 Nov 2017 00:34

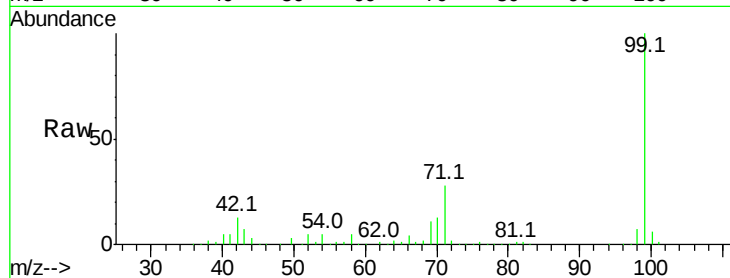
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 670789

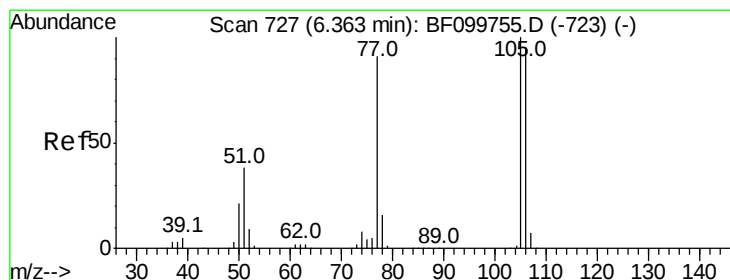
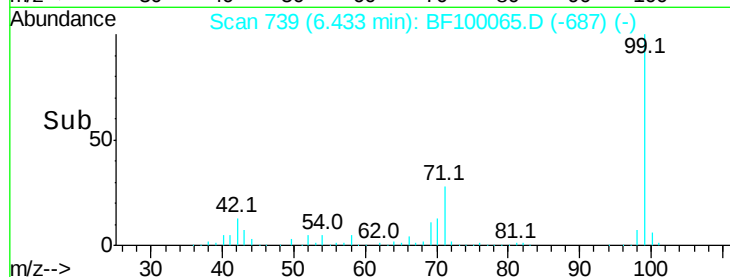
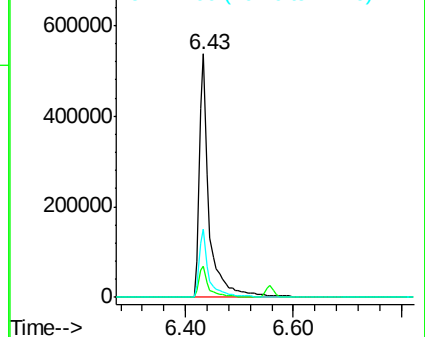
Ion	Ratio	Lower	Upper
99	100		
42	12.8	14.5	21.7#
71	28.0	25.4	38.0



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: 2.512 ng

RT: 6.56 min Scan# 760

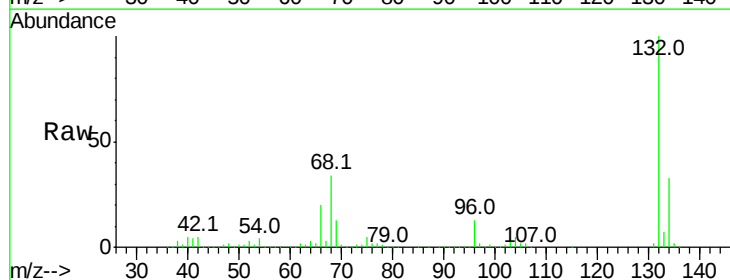
Delta R.T. 0.22 min

Lab File: BF100065.D

Acq: 2 Nov 2017 00:34

Tgt Ion: 77 Resp: 9915

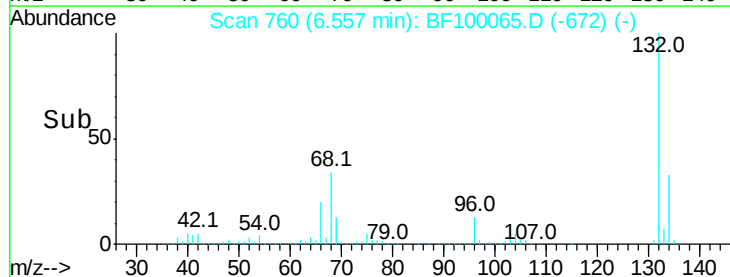
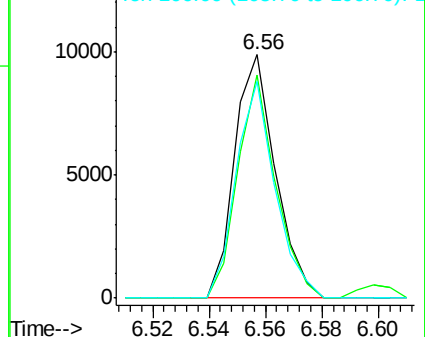
Ion	Ratio	Lower	Upper
77	100		
105	91.8	81.1	121.1
106	88.9	74.5	114.5

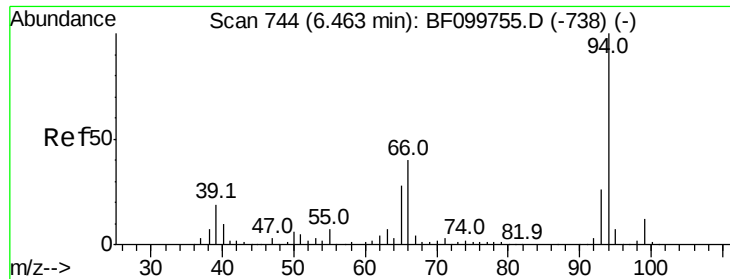


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 3.494 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF100065.D

Acq: 2 Nov 2017 00:34

Instrument :

BNA_F

ClientSampled :

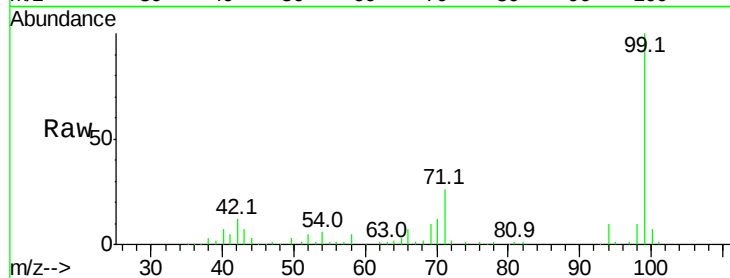
Tot Ion: 94 Resp: 25335

Ion Ratio Lower Upper

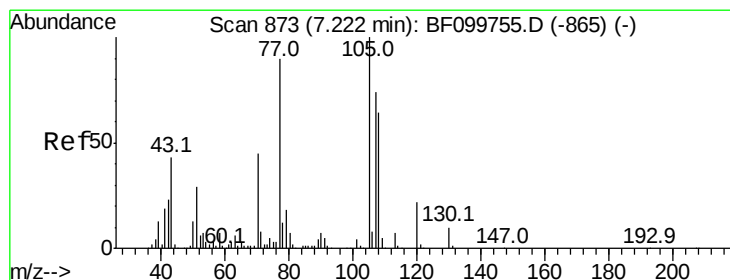
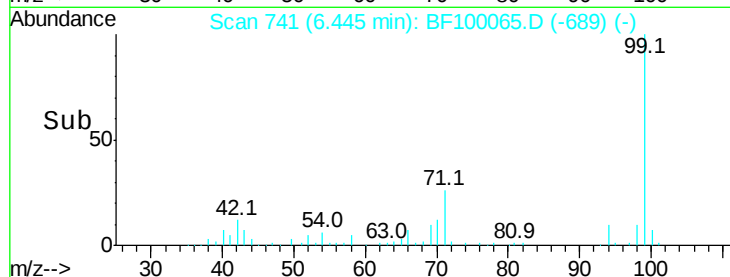
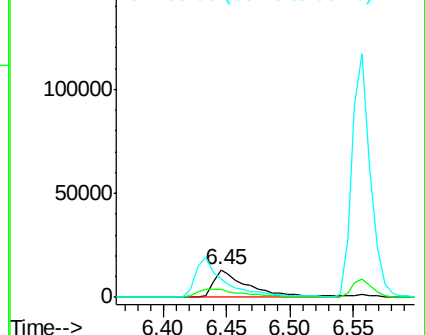
94 100

65 28.8 7.9 47.9

66 66.7 16.2 56.2#



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: 11.462 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF100065.D

Acq: 2 Nov 2017 00:34

Tgt Ion: 70 Resp: 44359

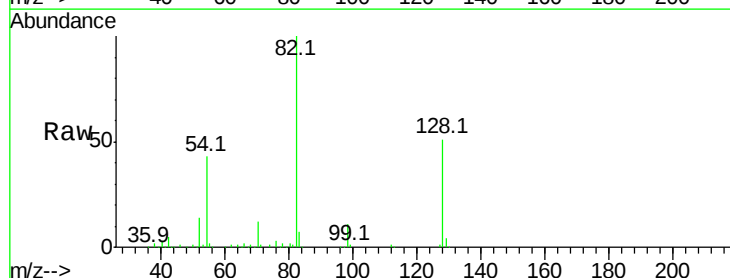
Ion Ratio Lower Upper

70 100

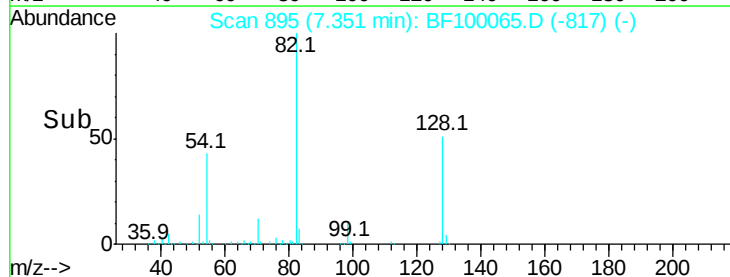
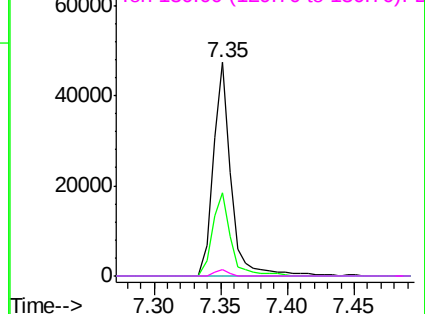
42 38.9 47.5 71.3#

101 0.0 7.4 11.2#

130 3.2 16.6 25.0#



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

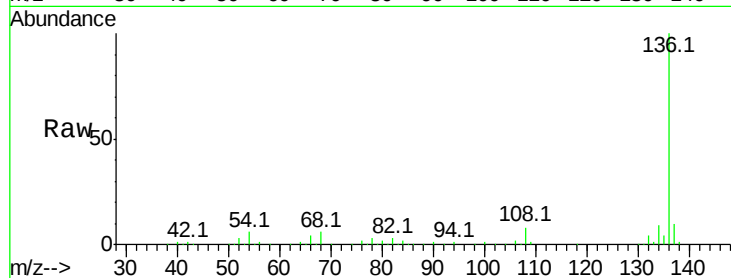




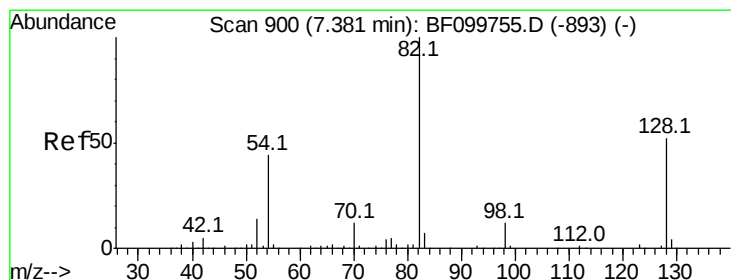
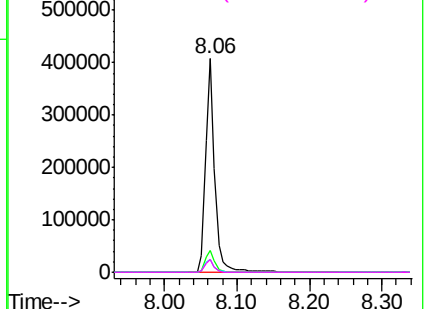
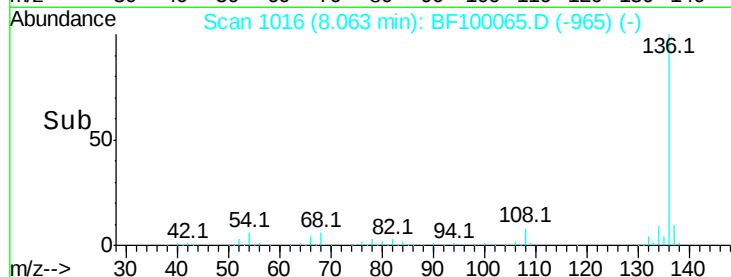
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF100065.D
Acq: 2 Nov 2017 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	358718
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.3	6.6	9.8#
68	5.8	5.0	7.4

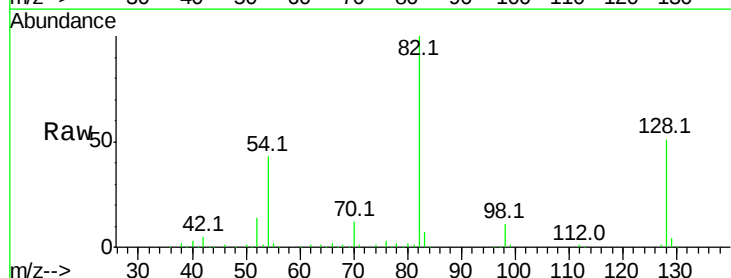


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

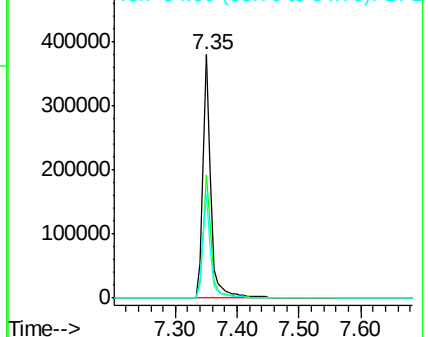
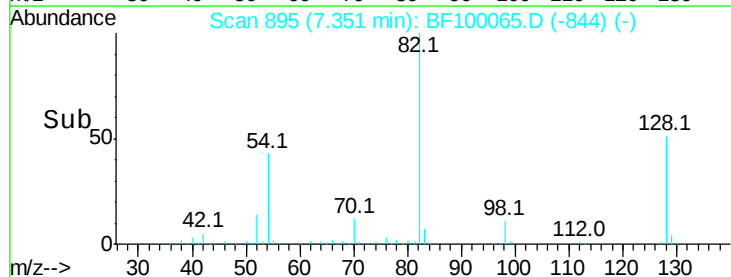


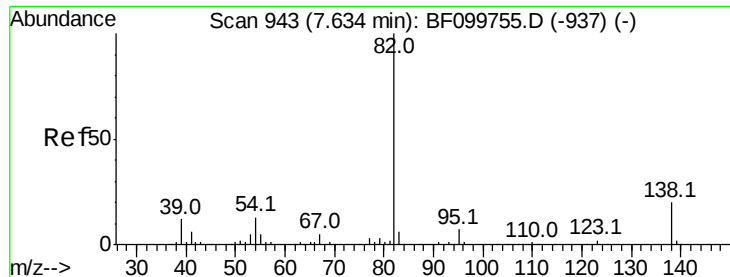
#23
Nitrobenzene-d5
Concen: 65.277 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF100065.D
Acq: 2 Nov 2017 00:34

Tgt Ion:	82	Resp:	363711
Ion	Ratio	Lower	Upper
82	100		
128	50.8	36.1	54.1
54	43.0	41.4	62.2



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





#25

Isophorone

Concen: 35.974 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.25 min

Lab File: BF100065.D

Acq: 2 Nov 2017 00:34

Instrument :

BNA_F

ClientSampleId :

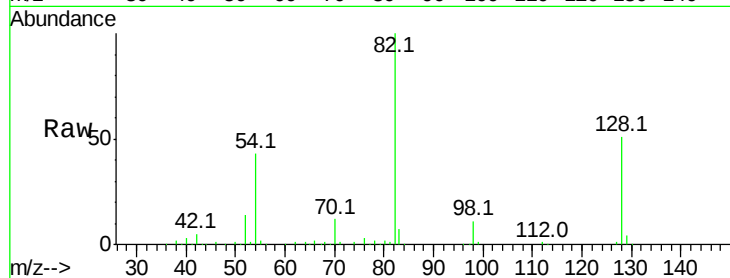
Tot Ion: 82 Resp: 363711

Ion Ratio Lower Upper

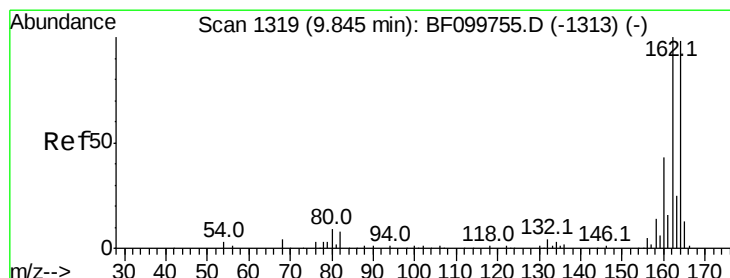
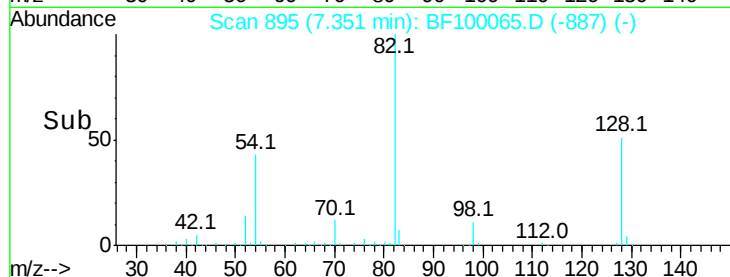
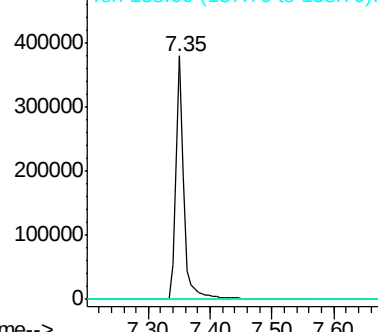
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF100065.D

Acq: 2 Nov 2017 00:34

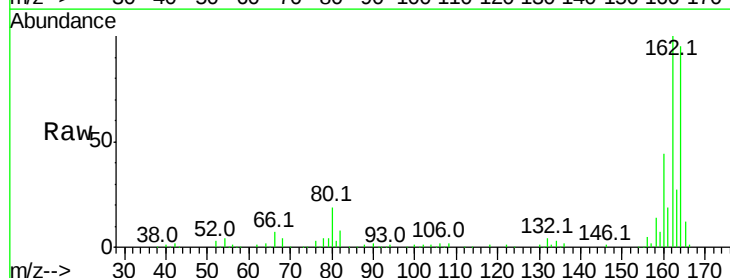
Tgt Ion: 164 Resp: 158301

Ion Ratio Lower Upper

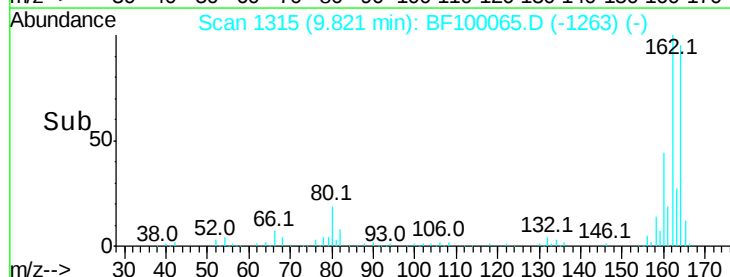
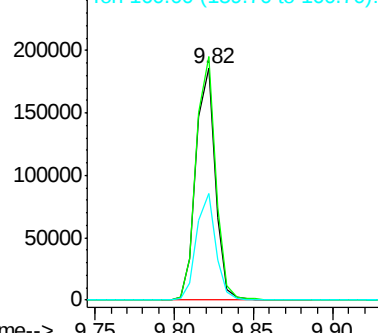
164 100

162 105.1 86.1 129.1

160 46.3 38.3 57.5



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

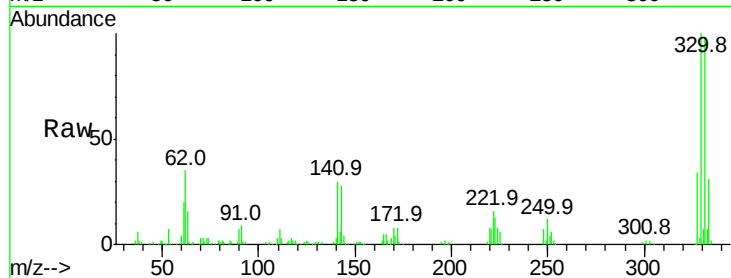




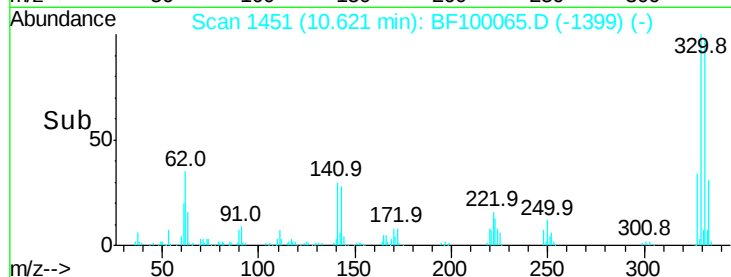
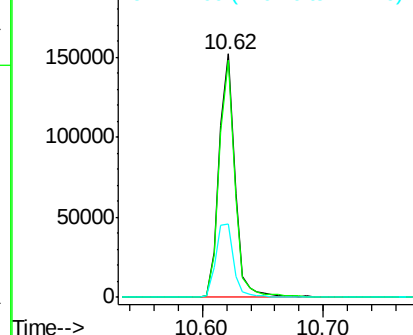
#41
 2,4,6-Tribromophenol
 Concen: 94.247 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF100065.D
 Acq: 2 Nov 2017 00:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 135963
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 34.3 29.9 44.9

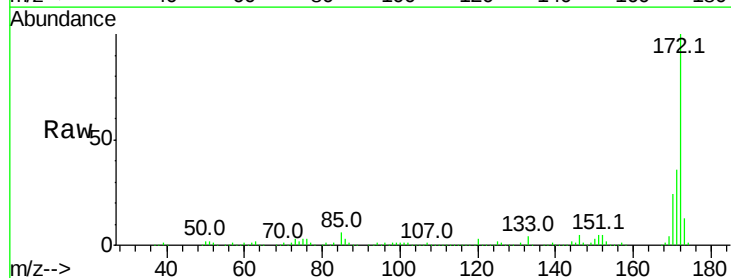


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

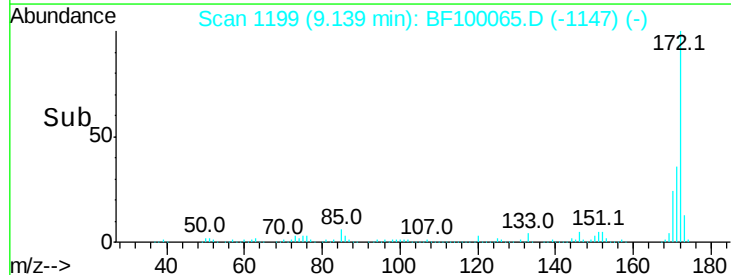
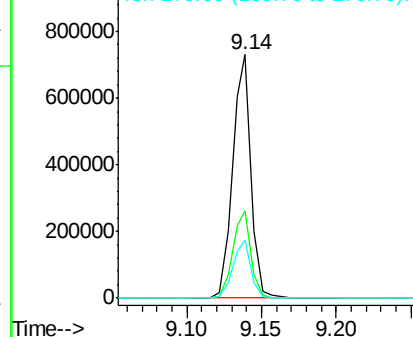


#44
 2-Fluorobiphenyl
 Concen: 61.859 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF100065.D
 Acq: 2 Nov 2017 00:34

Tgt Ion:172 Resp: 634698
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 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





#49

Dimethylphthalate

Concen: 12.035 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF100065.D

Acq: 2 Nov 2017 00:34

Instrument :

BNA_F

ClientSampleId :

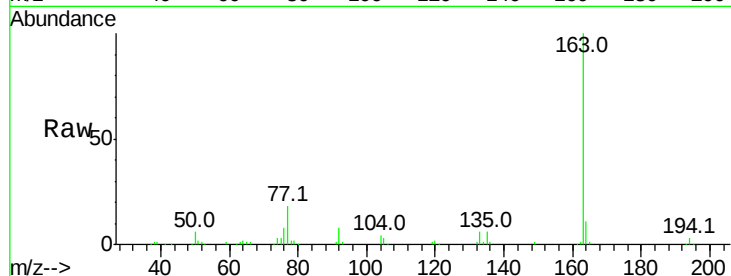
Tot Ion:163 Resp: 150867

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

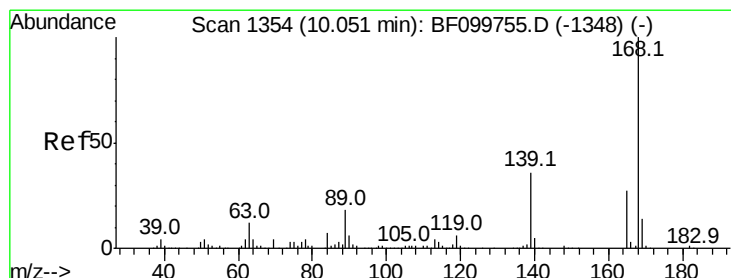
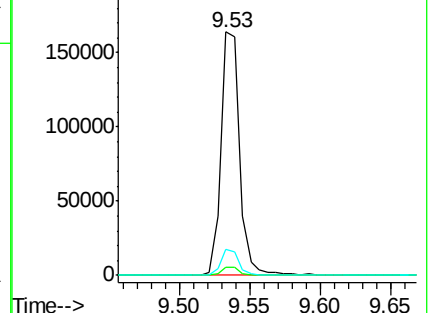
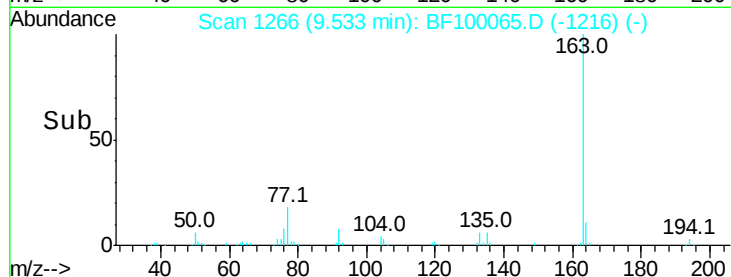
164 10.9 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.382 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.21 min

Lab File: BF100065.D

Acq: 2 Nov 2017 00:34

Tgt Ion:165 Resp: 20254

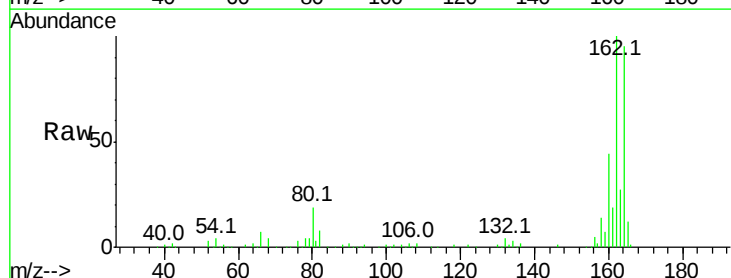
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

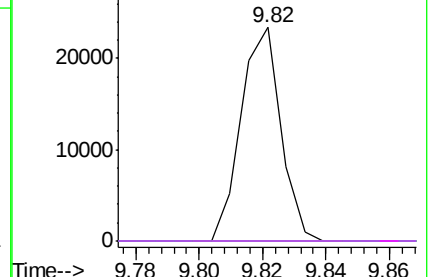
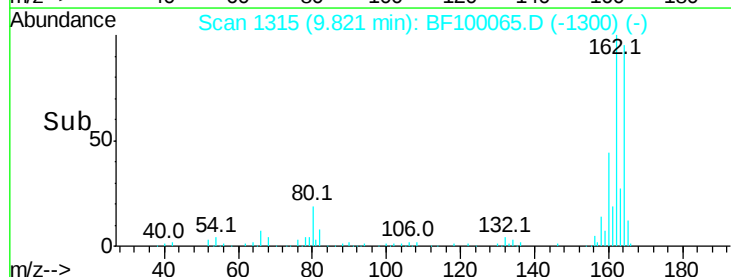


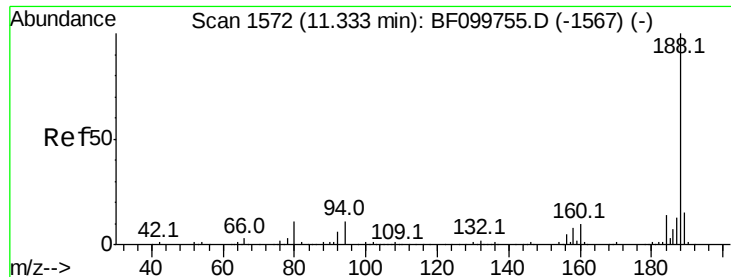
Abundance Ion 165.00 (164.70 to 165.70): E

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

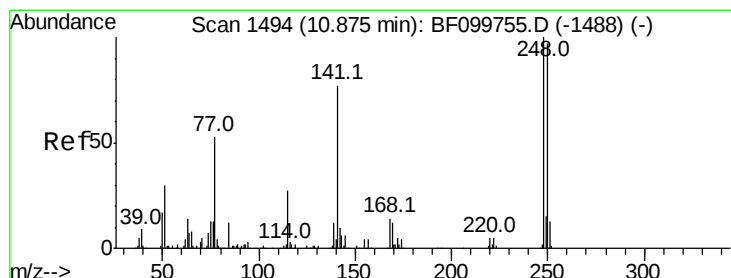
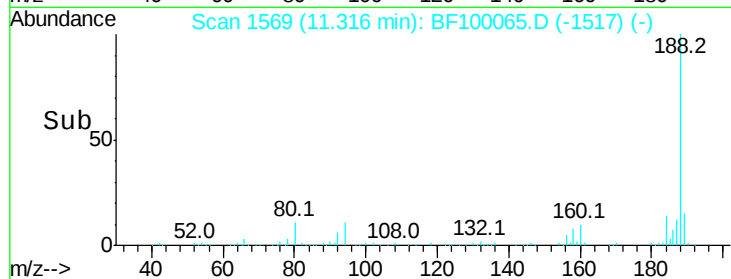
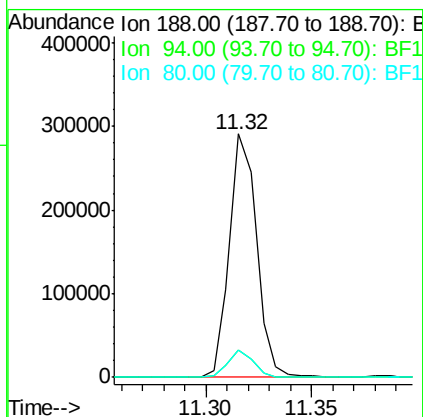
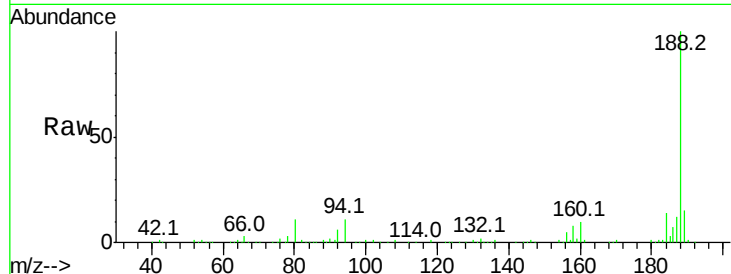




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF100065.D
 Acq: 2 Nov 2017 00:34

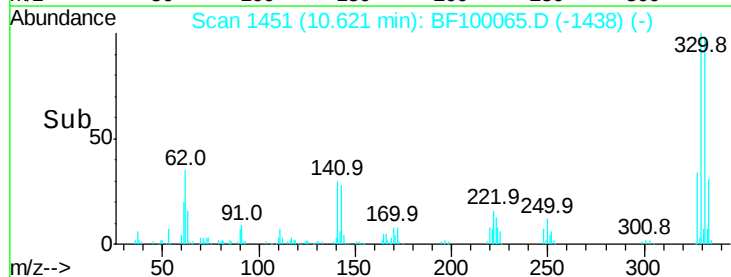
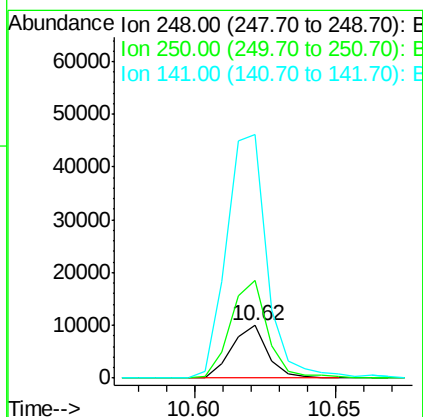
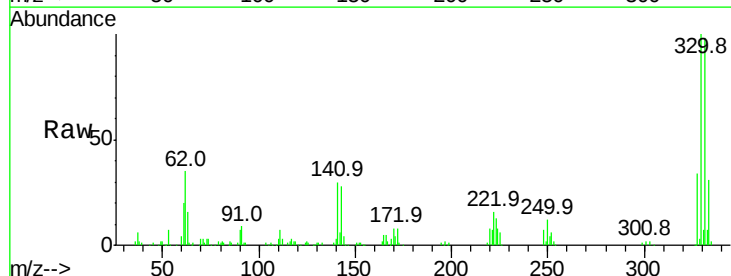
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 259902
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 11.4 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.201 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.22 min
 Lab File: BF100065.D
 Acq: 2 Nov 2017 00:34

Tgt Ion:248 Resp: 8757
 Ion Ratio Lower Upper
 248 100
 250 187.0 76.9 115.3#
 141 465.2 74.4 111.6#

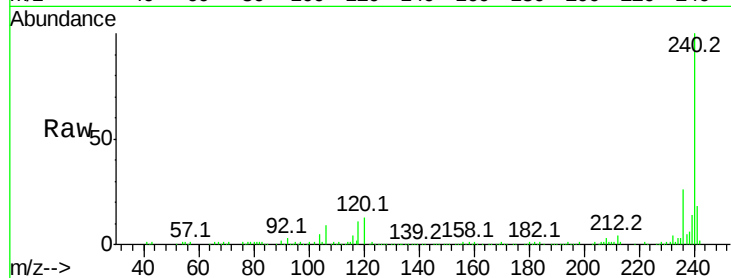




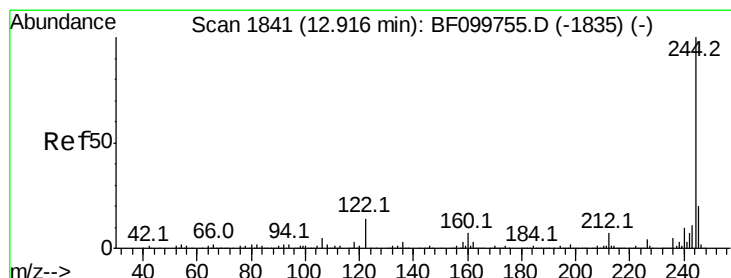
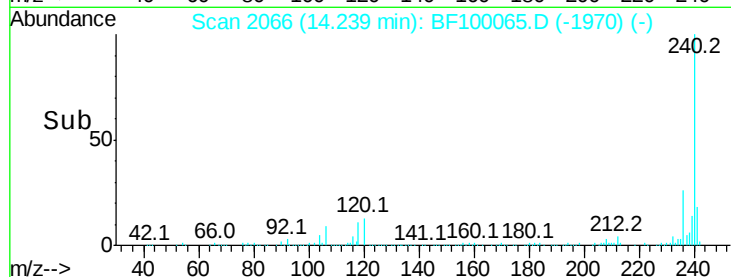
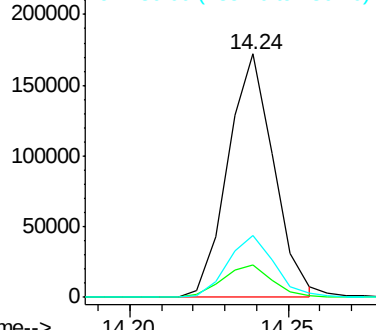
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.24 min Scan# 2066
Delta R.T. 0.26 min
Lab File: BF100065.D
Acq: 2 Nov 2017 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 172746
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.6 20.7 31.1

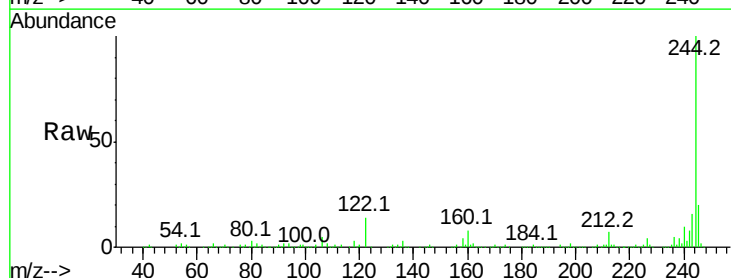


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

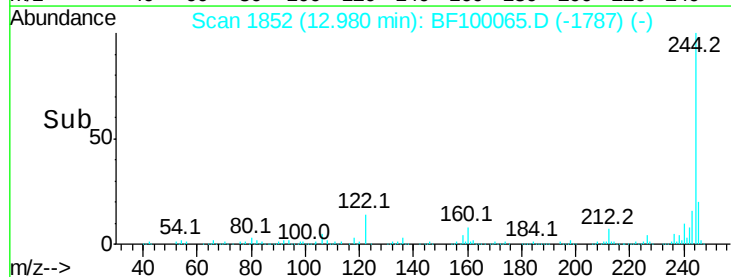
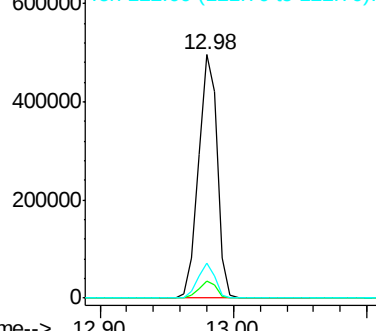


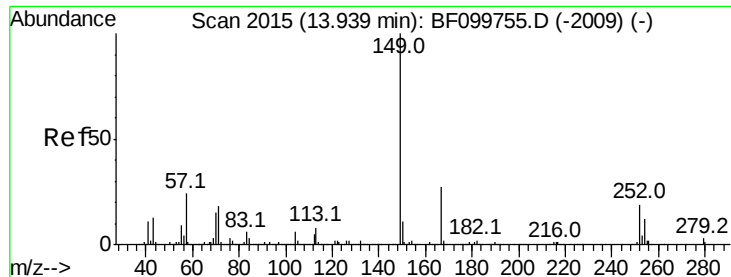
#78
Terphenyl-d14
Concen: 62.303 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.08 min
Lab File: BF100065.D
Acq: 2 Nov 2017 00:34

Tgt Ion:244 Resp: 492486
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 14.4 11.0 16.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.416 ng

RT: 14.20 min Scan# 2060

Delta R.T. 0.28 min

Lab File: BF100065.D

Acq: 2 Nov 2017 00:34

Instrument :

BNA_F

ClientSampleId :

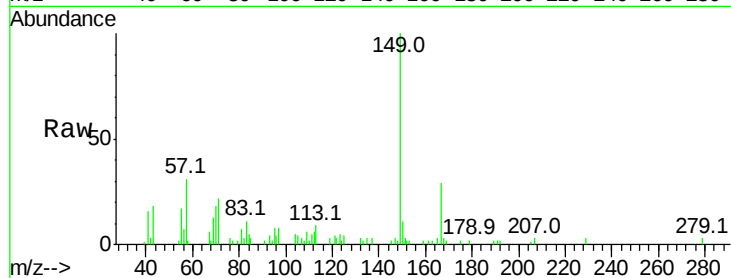
Tot Ion:149 Resp: 21950

Ion Ratio Lower Upper

149 100

167 29.2 21.3 31.9

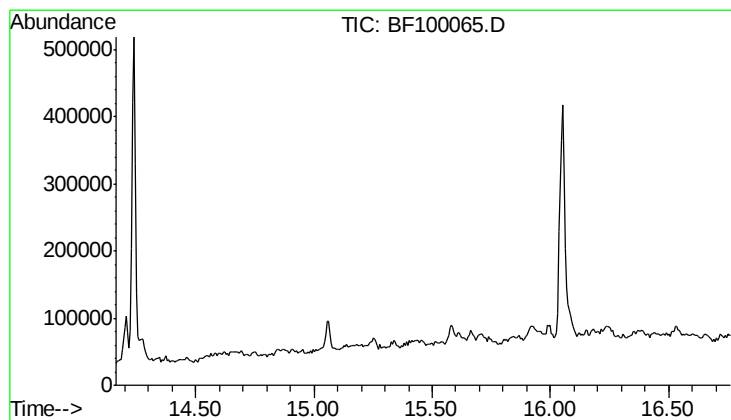
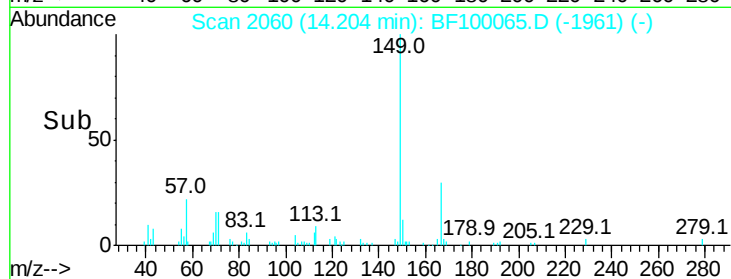
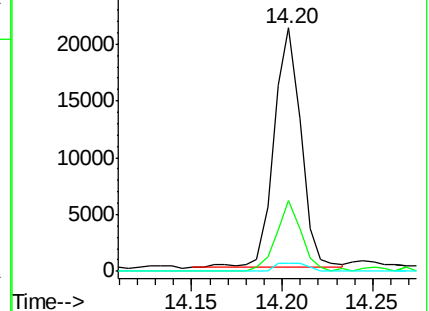
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 0.000 ng

Expected RT: 15.46 min

Lab File: BF100065.D

Acq: 2 Nov 2017 00:34

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.0

265 21.9

