

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100045.D
 Acq On : 1 Nov 2017 16:05
 Operator : SJ/JU
 Sample : I6234-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 18:14:23 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

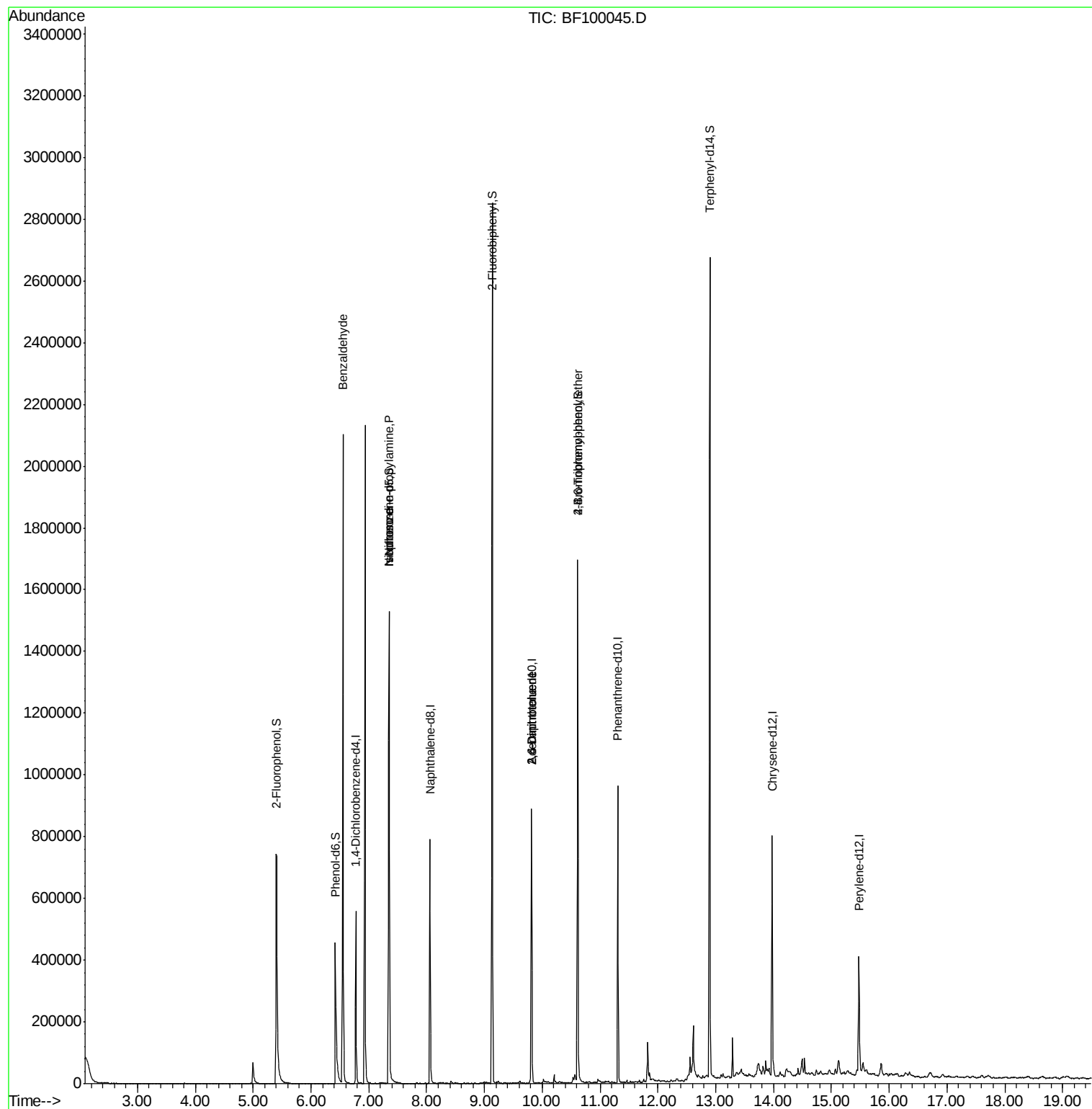
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	89414	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	369814	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	176606	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	335247	20.00	ng	0.00
75) Chrysene-d12	13.97	240	254582	20.00	ng	0.00
86) Perylene-d12	15.47	264	185524	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	363195	63.77	ng	0.01
7) Phenol-d6	6.42	99	269242	39.87	ng	0.00
23) Nitrobenzene-d5	7.35	82	540961	94.18	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	233246	144.92	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1108785	96.86	ng	0.00
78) Terphenyl-d14	12.90	244	1058235	90.84	ng	0.00
Target Compounds						
9) Benzaldehyde	6.55	77	11126	2.757	ng	89
19) n-Nitroso-di-n-propylamine	7.35	70	67430	17.039	ng	# 71
25) Isophorone	7.35	82	540961	51.899	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	22697	7.720	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	22697	6.410	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	15320	4.341	ng	# 1

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

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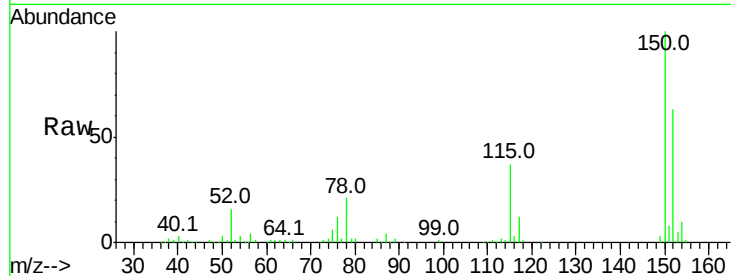


#1

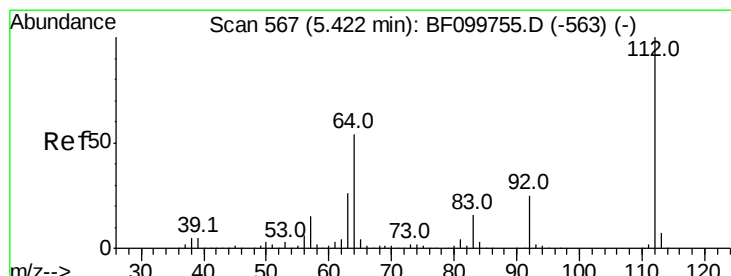
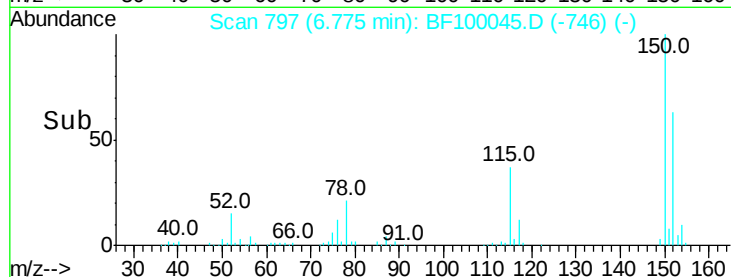
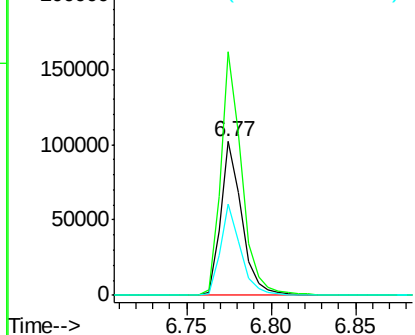
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF100045.D
Acq: 1 Nov 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89414
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 59.2 50.1 75.1



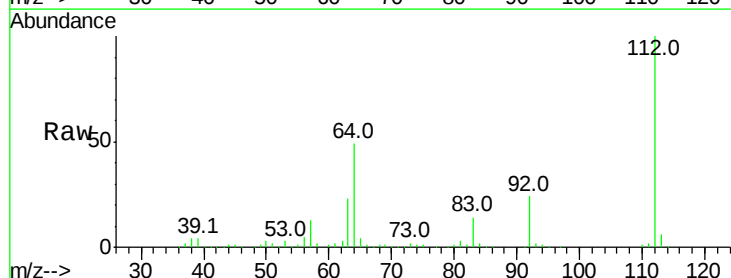
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



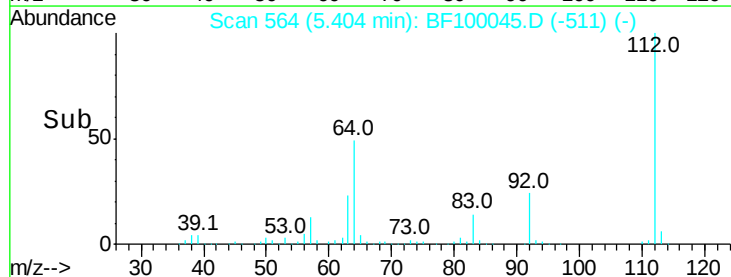
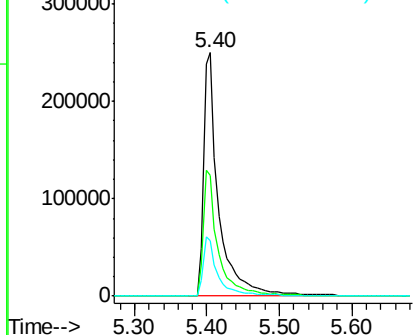
#5

2-Fluorophenol
Concen: 63.771 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100045.D
Acq: 1 Nov 2017 16:05

Tgt Ion:112 Resp: 363195
Ion Ratio Lower Upper
112 100
64 49.4 47.9 71.9
63 23.0 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: 39.870 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100045.D

Acq: 1 Nov 2017 16:05

Instrument :

BNA_F

ClientSampled :

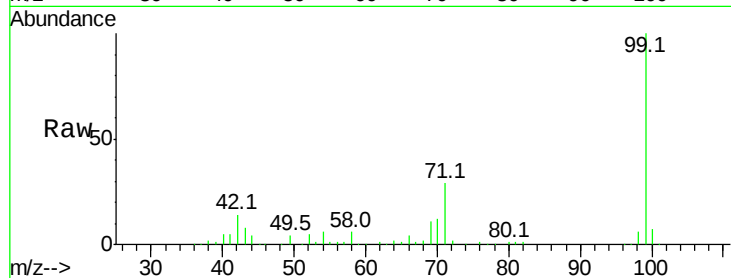
Tot Ion: 99 Resp: 269242

Ion Ratio Lower Upper

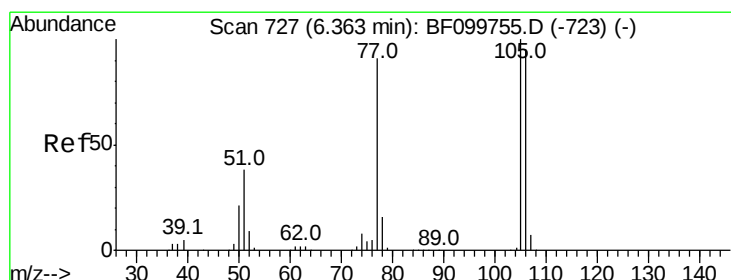
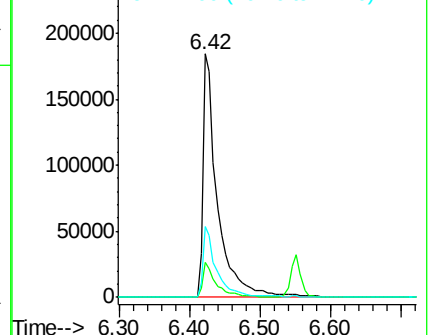
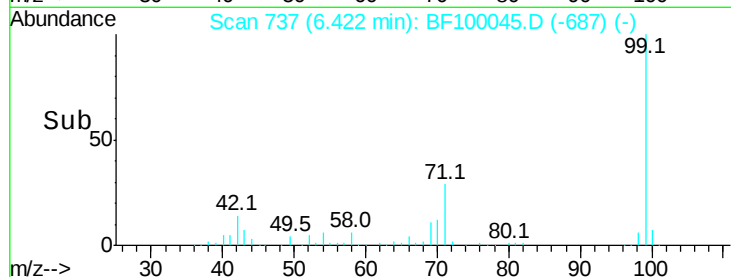
99 100

42 14.2 14.5 21.7#

71 29.3 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: 2.757 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.21 min

Lab File: BF100045.D

Acq: 1 Nov 2017 16:05

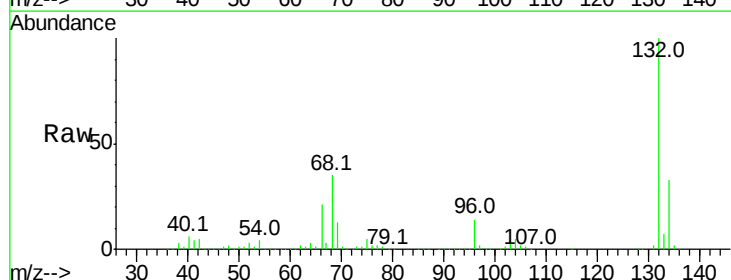
Tgt Ion: 77 Resp: 11126

Ion Ratio Lower Upper

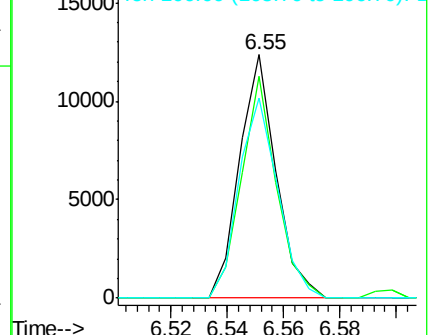
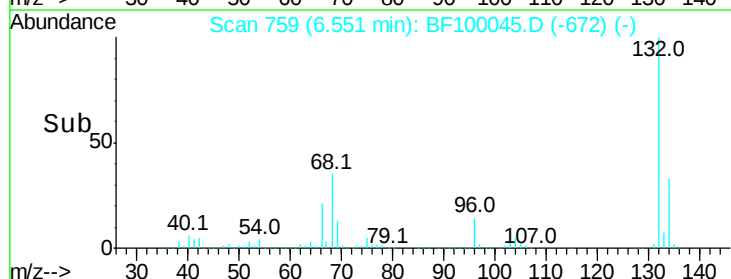
77 100

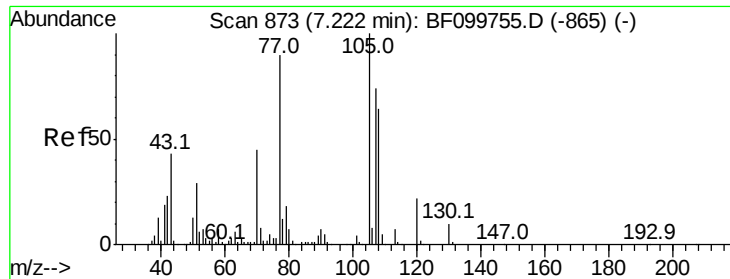
105 91.0 81.1 121.1

106 82.4 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: 17.039 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF100045.D

Acq: 1 Nov 2017 16:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 67430

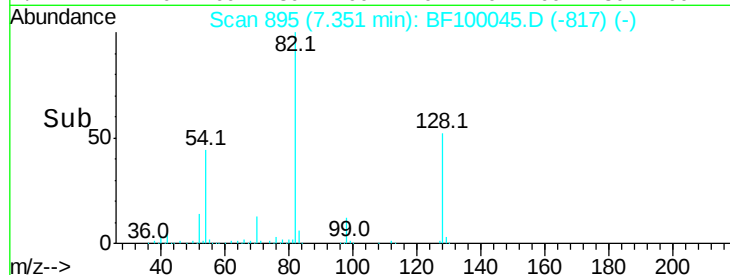
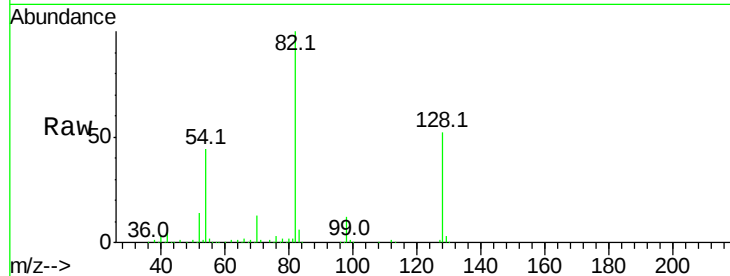
Ion Ratio Lower Upper

70 100

42 39.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

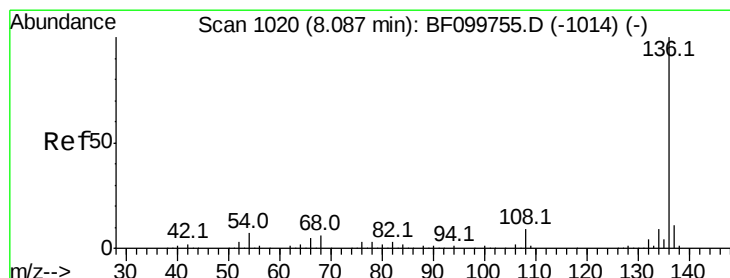
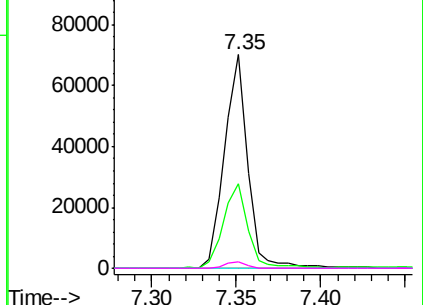


Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1015

Delta R.T. -0.01 min

Lab File: BF100045.D

Acq: 1 Nov 2017 16:05

Tgt Ion:136 Resp: 369814

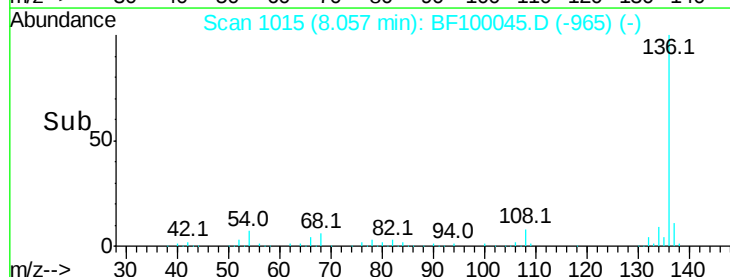
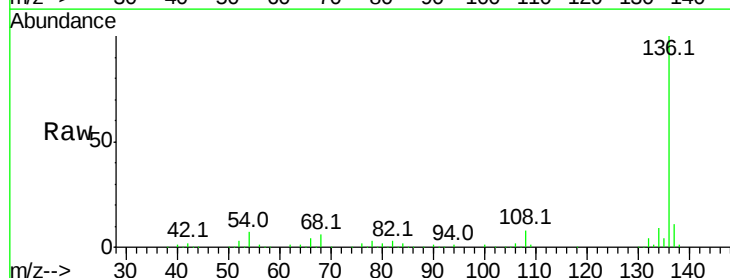
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.7 6.6 9.8

68 5.7 5.0 7.4

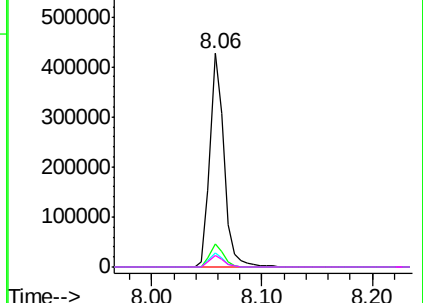


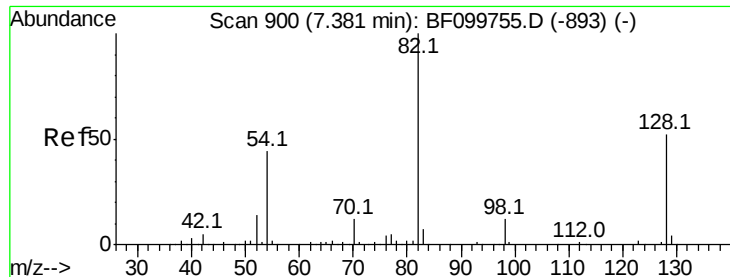
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

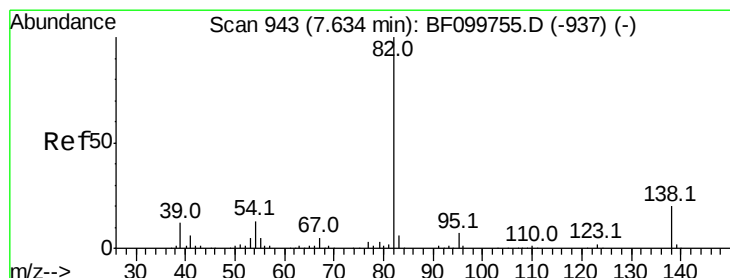
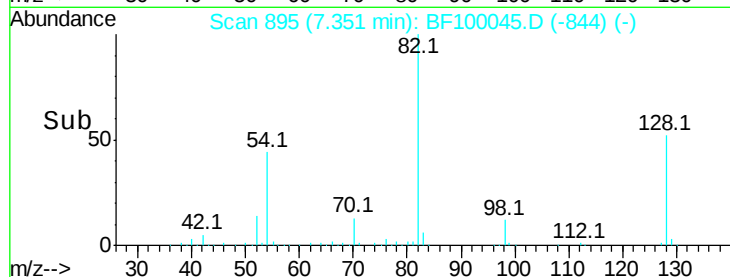
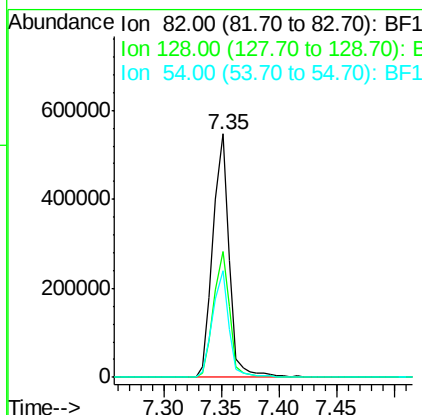
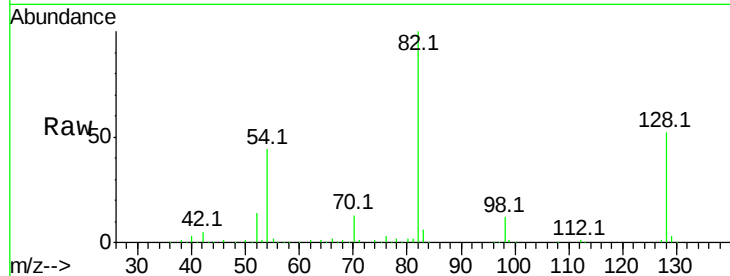




#23
 Nitrobenzene-d5
 Concen: 94.175 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

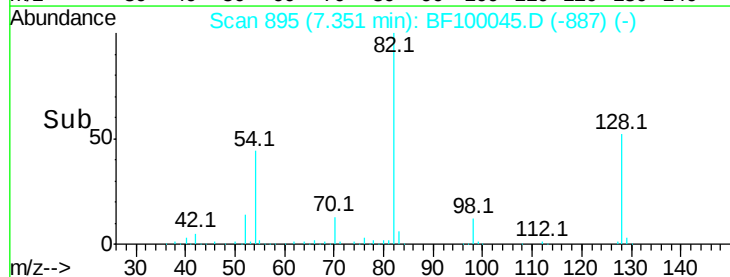
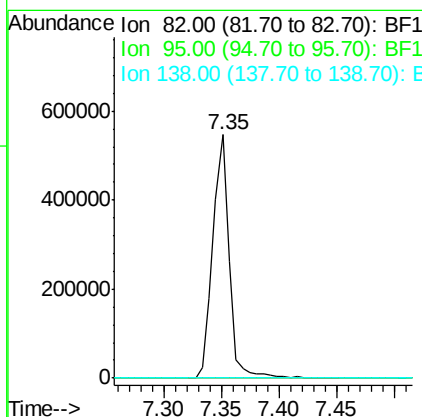
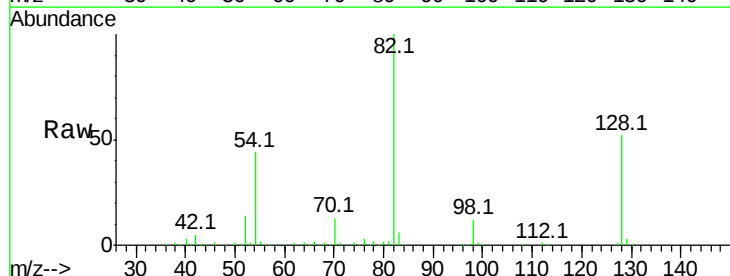
Instrument :
 BNA_F
 ClientSampled :

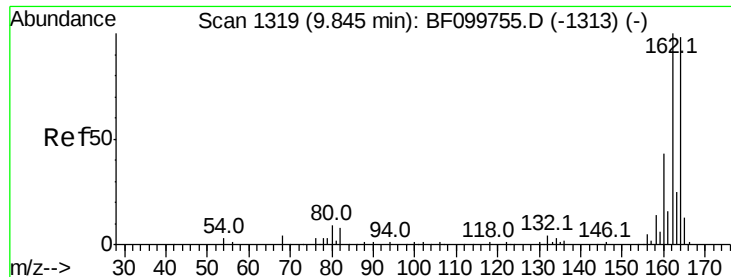
Tot Ion:	82	Resp:	540961
Ion Ratio	Lower	Upper	
82	100		
128	51.8	36.1	54.1
54	44.0	41.4	62.2



#25
 Isophorone
 Concen: 51.899 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.25 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

Tgt Ion:	82	Resp:	540961
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

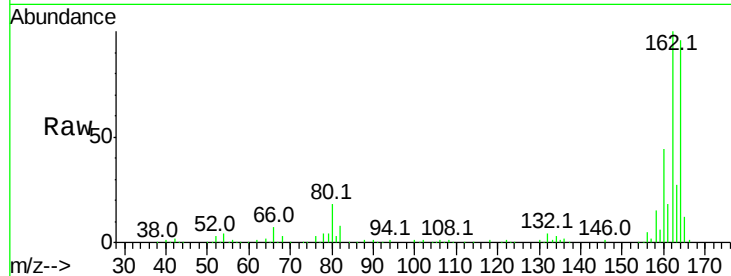




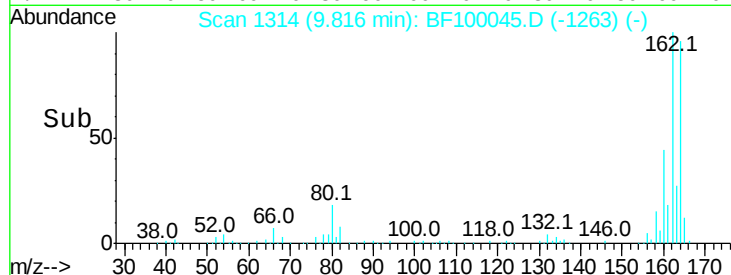
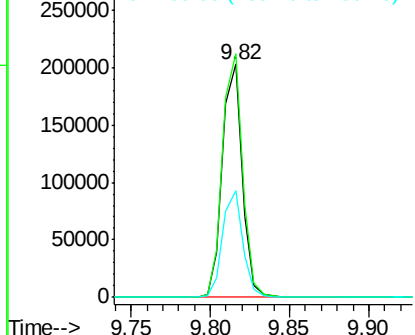
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF100045.D
Acq: 1 Nov 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 176606
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.5 38.3 57.5

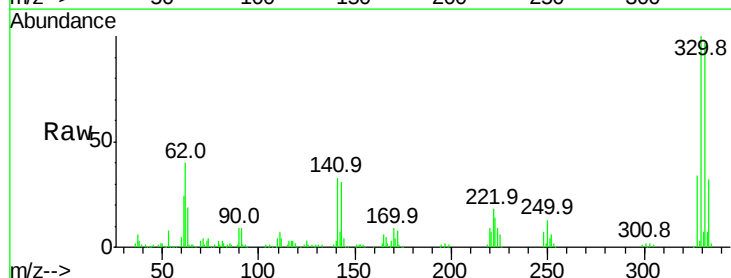


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

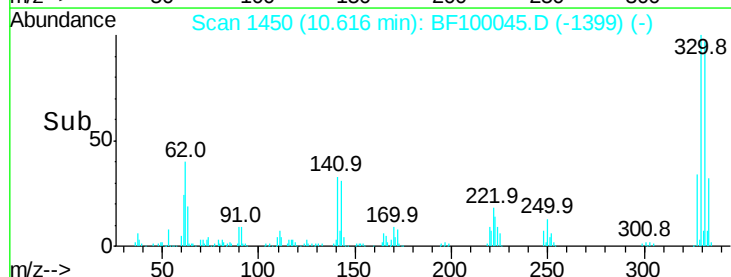
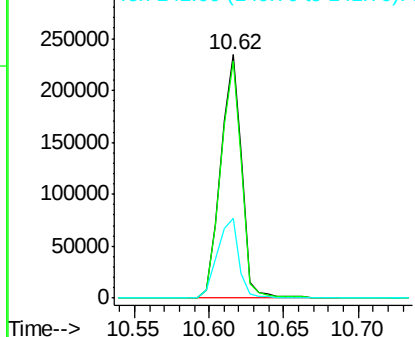


#41
2,4,6-Tribromophenol
Concen: 144.924 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF100045.D
Acq: 1 Nov 2017 16:05

Tgt Ion:330 Resp: 233246
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 33.5 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



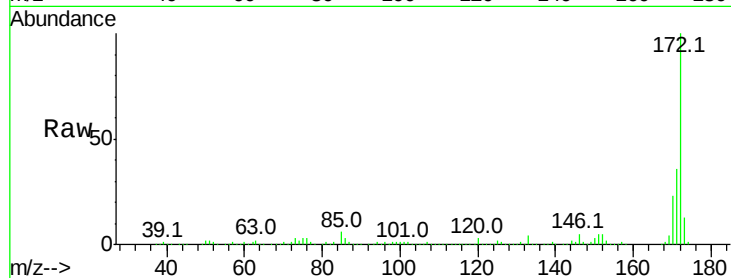


#44
 2-Fluorobiphenyl
 Concen: 96.864 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

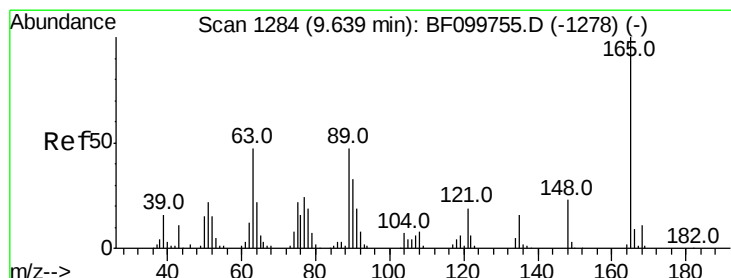
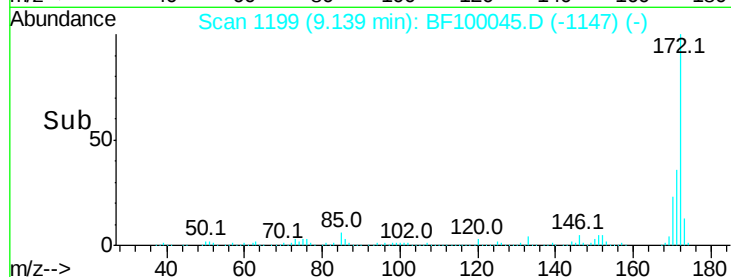
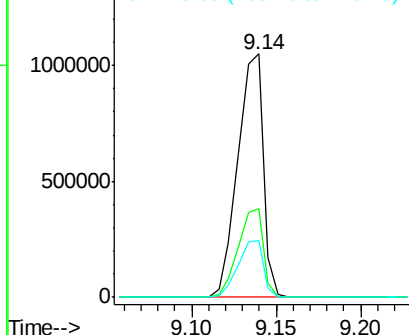
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1108785

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.4	19.6	29.4



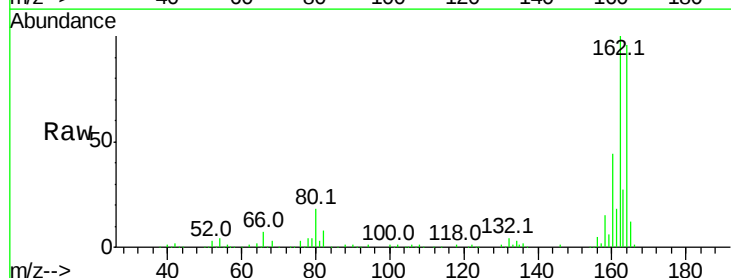
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



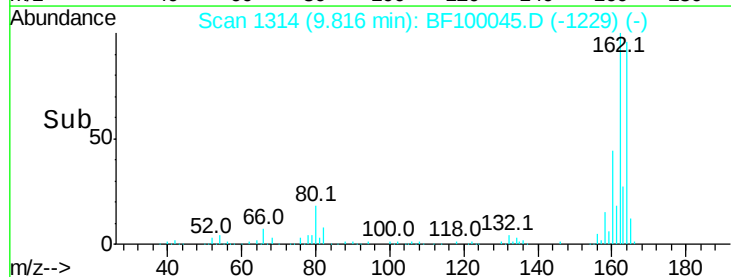
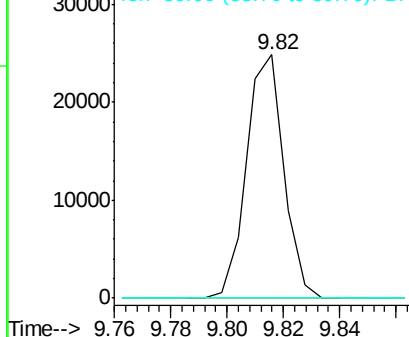
#50
 2,6-Dinitrotoluene
 Concen: 7.720 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.20 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

Tgt Ion:165 Resp: 22697

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

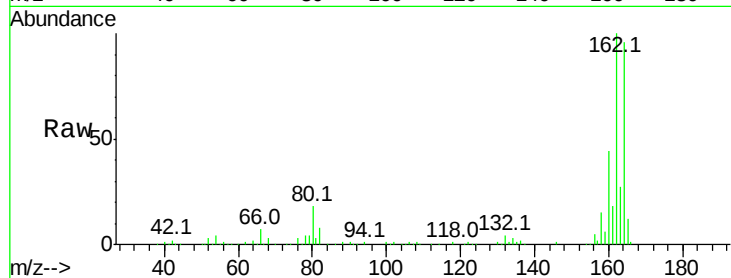




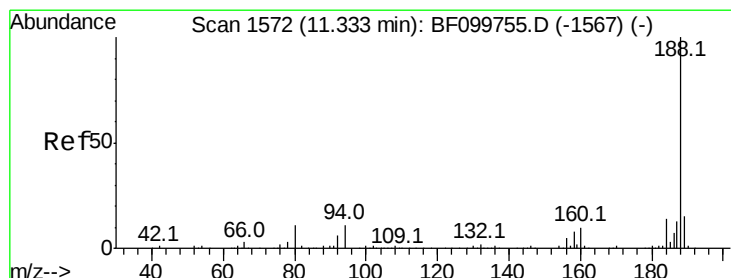
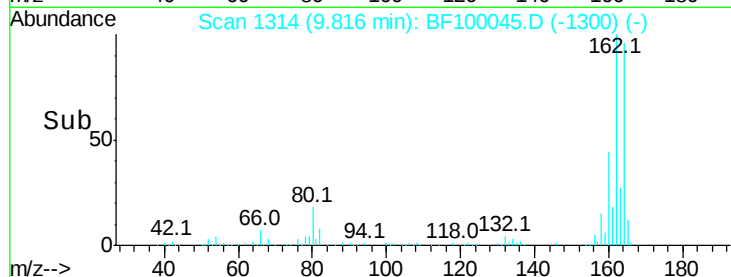
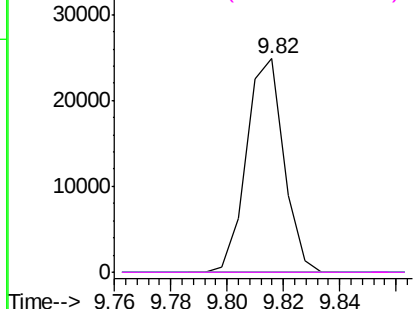
#56
 2,4-Dinitrotoluene
 Concen: 6.410 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.22 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22697
 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#

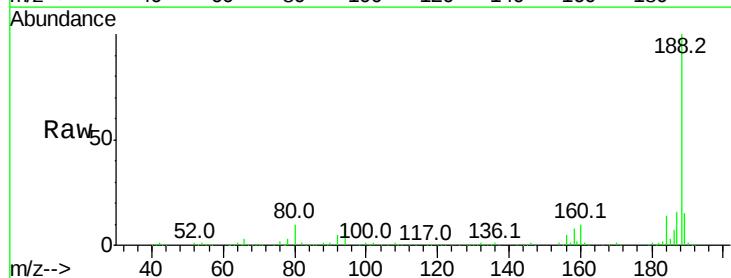


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

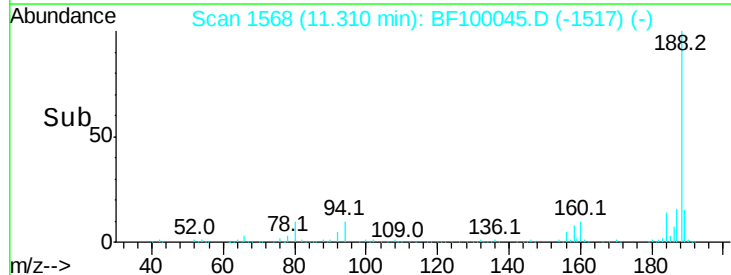
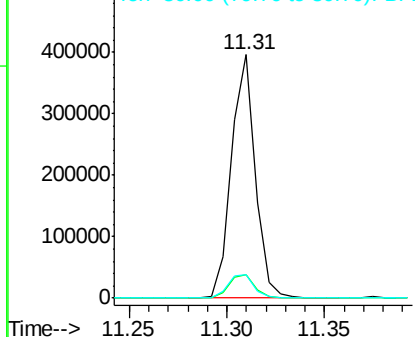


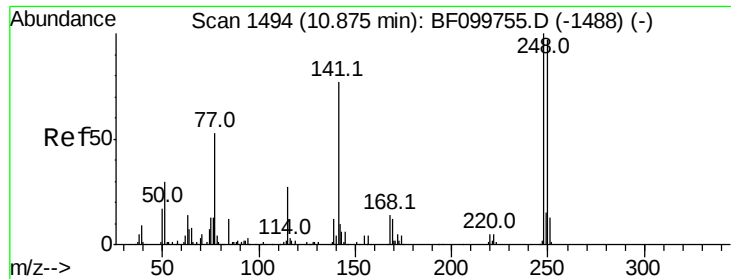
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

Tgt Ion:188 Resp: 335247
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 9.7 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

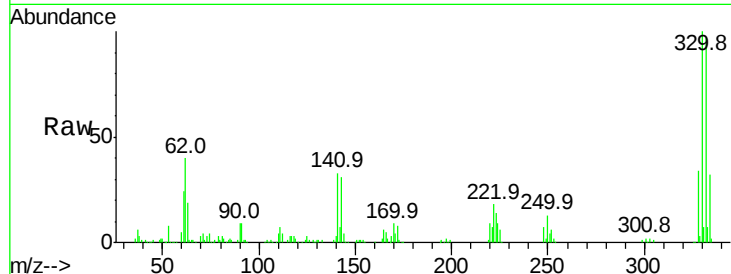




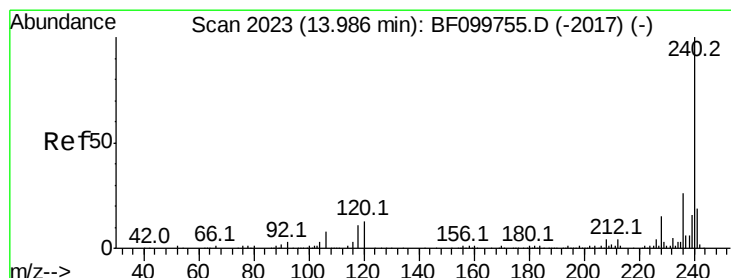
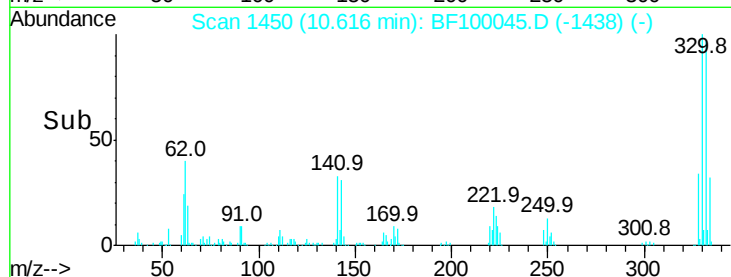
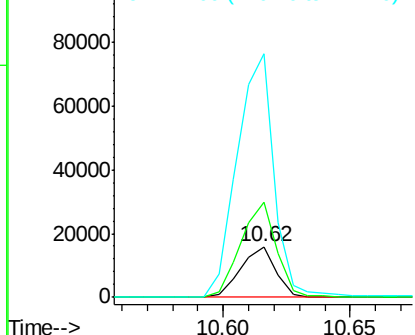
#66
 4-Bromophenyl-phenylether
 Concen: 4.341 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.23 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15320
 Ion Ratio Lower Upper
 248 100
 250 189.2 76.9 115.3#
 141 481.9 74.4 111.6#

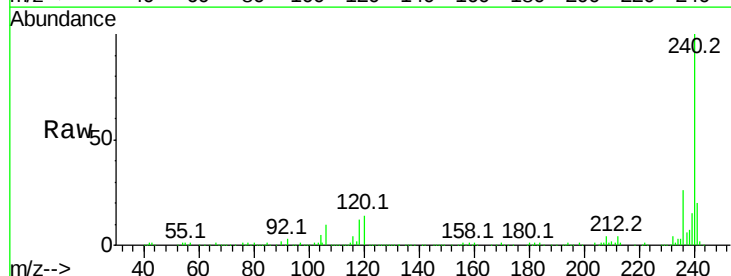


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

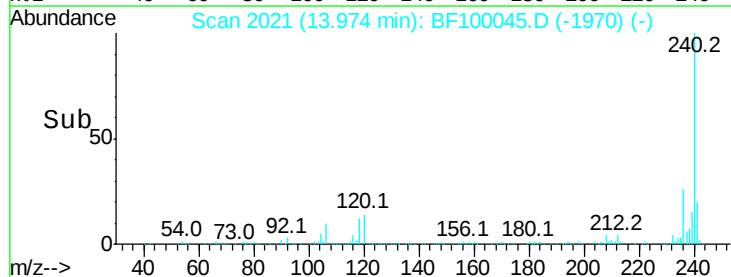
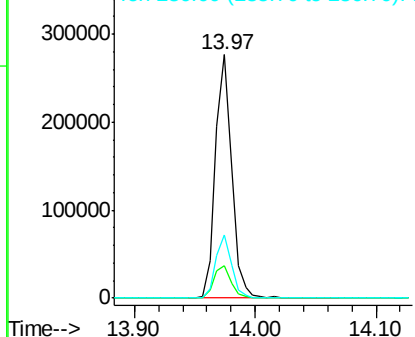


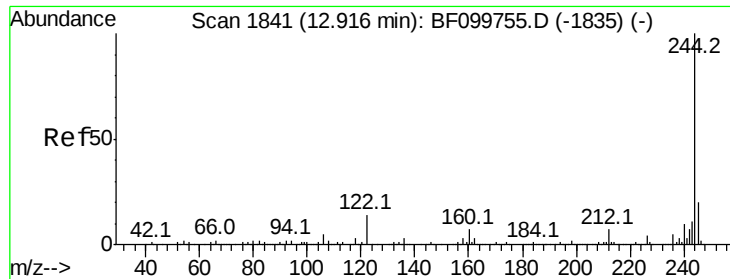
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF100045.D
 Acq: 1 Nov 2017 16:05

Tgt Ion:240 Resp: 254582
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 26.0 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: 90.841 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF100045.D

Acq: 1 Nov 2017 16:05

Instrument :

BNA_F

ClientSampleId :

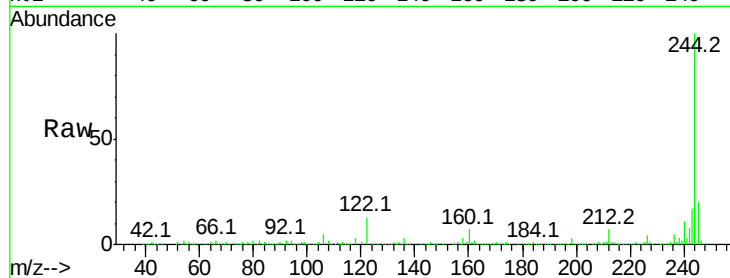
Tot Ion:244 Resp: 1058235

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

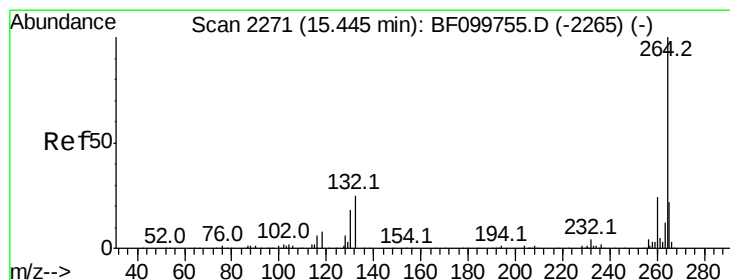
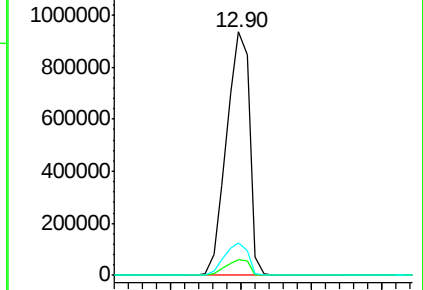
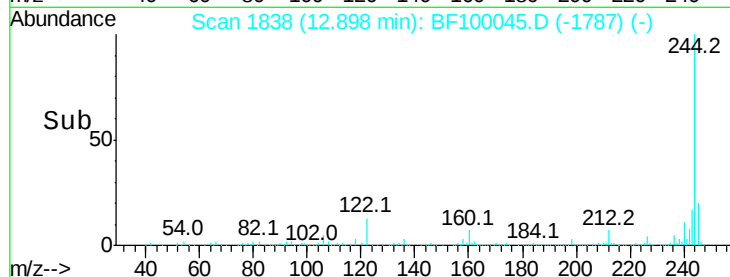
122 13.3 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF100045.D

Acq: 1 Nov 2017 16:05

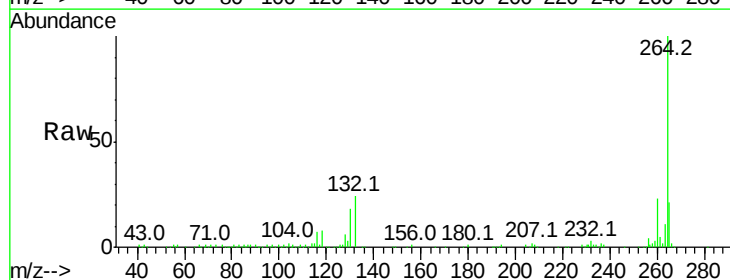
Tgt Ion:264 Resp: 185524

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.1 17.5 26.3



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

