

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100417.D
 Acq On : 11 Nov 2017 3:28
 Operator : SJ/JU
 Sample : I6355-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 07:16:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	151514	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	552753	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	230459	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	356428	20.00	ng	0.00
75) Chrysene-d12	14.06	240	294132	20.00	ng	0.00
86) Perylene-d12	15.54	264	226684	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	478689	50.64	ng	0.00
7) Phenol-d6	6.52	99	381750	32.75	ng	-0.01
23) Nitrobenzene-d5	7.47	82	945178	113.05	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	199382	84.90	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1545065	102.09	ng	0.00
78) Terphenyl-d14	13.01	244	1122049	87.65	ng	0.00

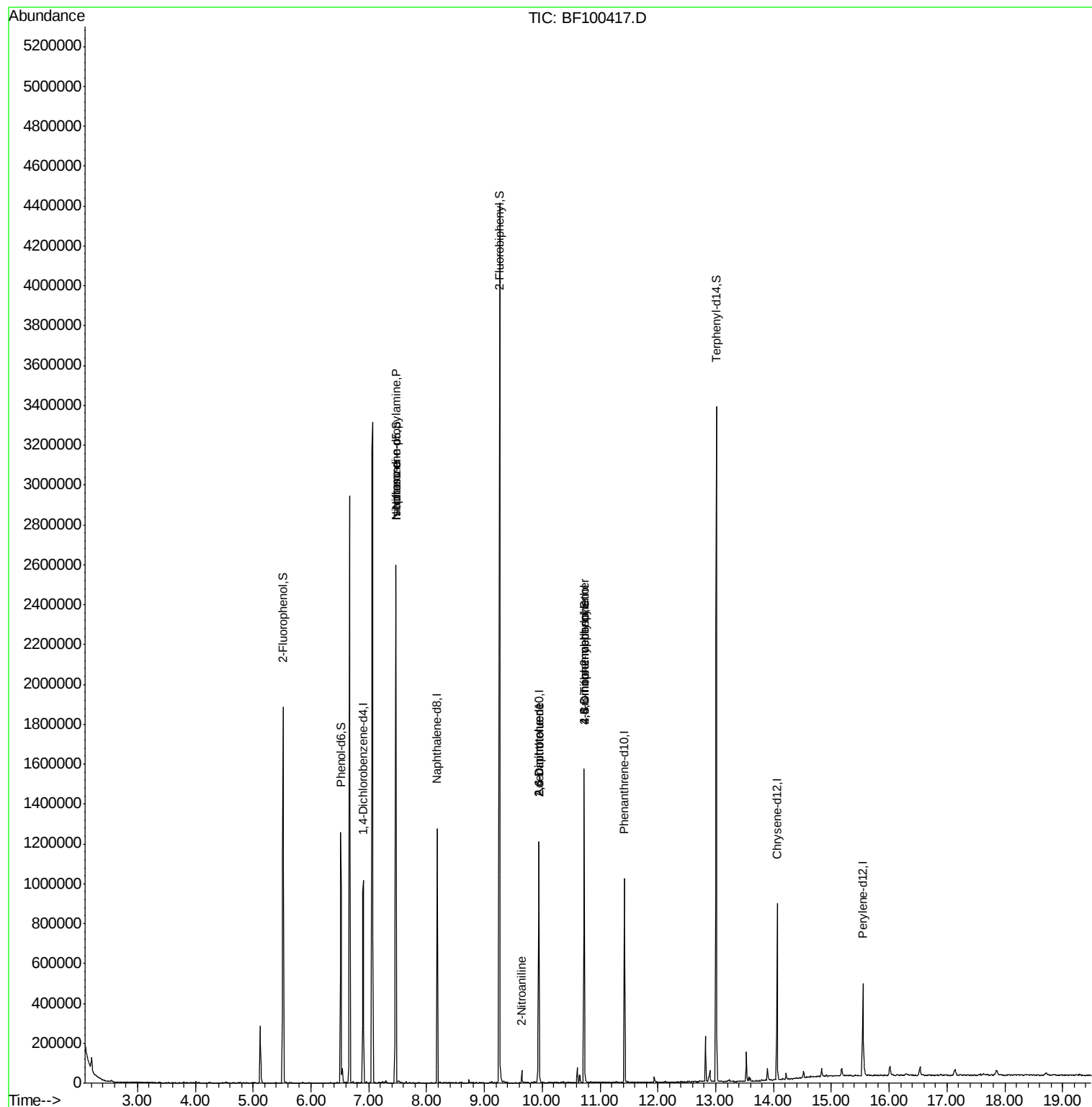
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	125486	15.524	ng	# 81
25) Isophorone	7.47	82	942997	53.673	ng	# 64
47) 2-Nitroaniline	9.65	65	182	2.824	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	27975	8.032	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	27975	6.367	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	543	8.818	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	12784	3.346	ng	# 1

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

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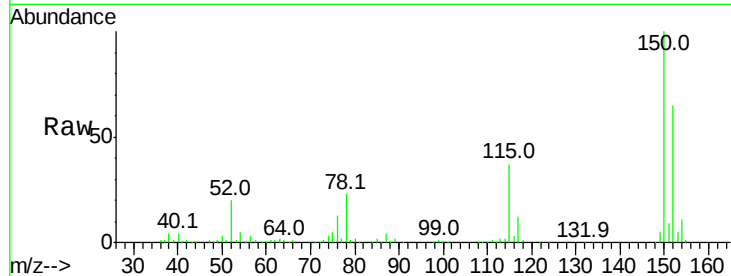


#1

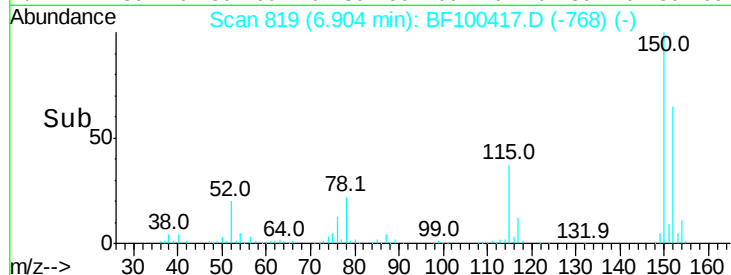
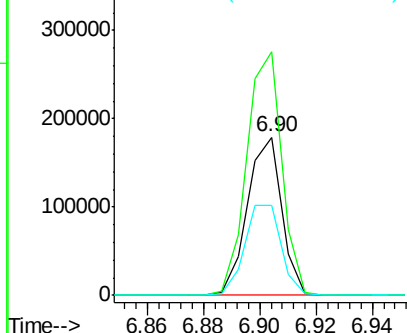
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100417.D
Acq: 11 Nov 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151514
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 56.8 50.1 75.1



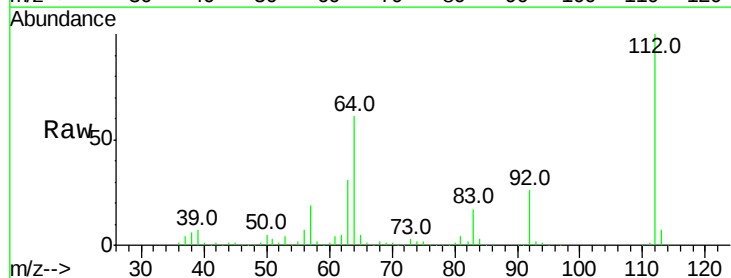
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



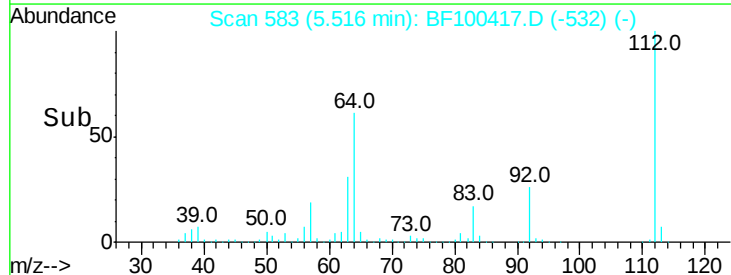
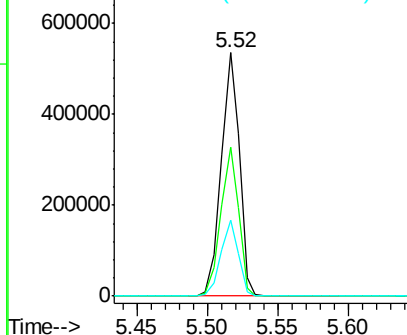
#5

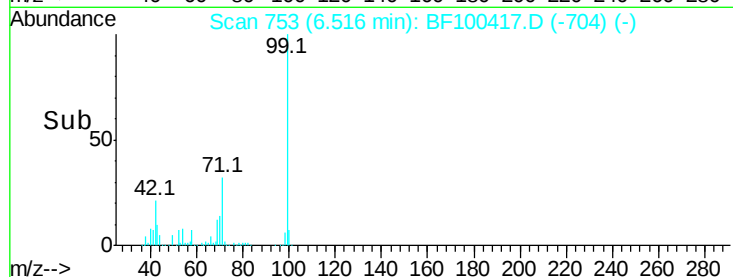
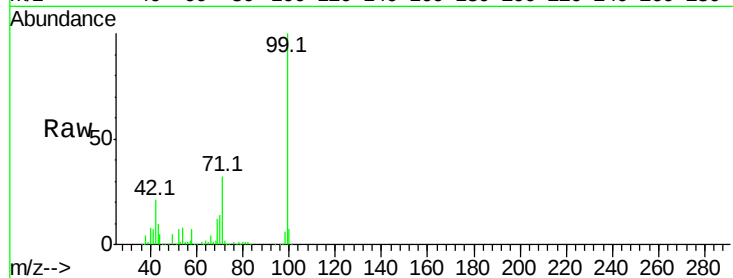
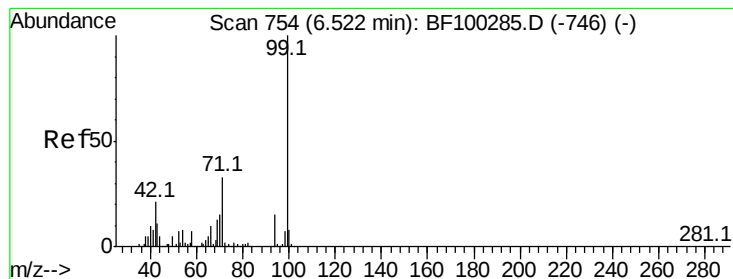
2-Fluorophenol
Concen: 50.644 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100417.D
Acq: 11 Nov 2017 3:28

Tgt Ion:112 Resp: 478689
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 31.4 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: 32.753 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

Instrument :

BNA_F

ClientSampled :

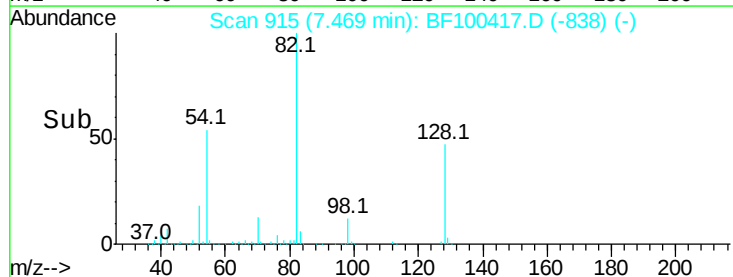
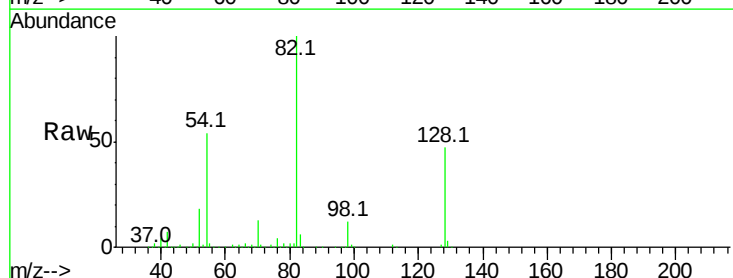
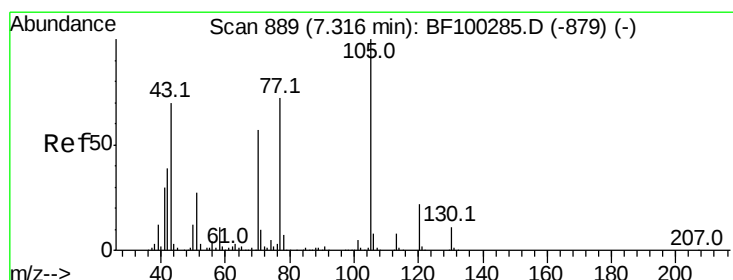
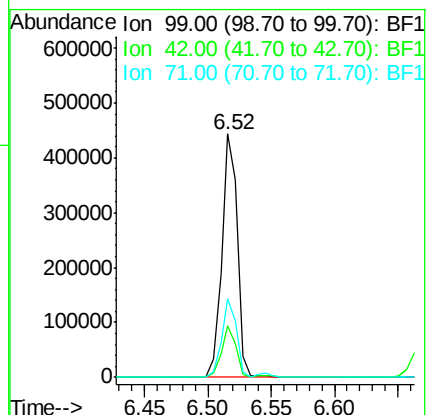
Tot Ion: 99 Resp: 381750

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

71 32.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.524 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

Tgt Ion: 70 Resp: 125486

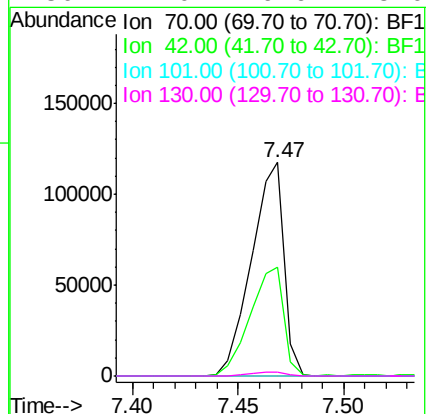
Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

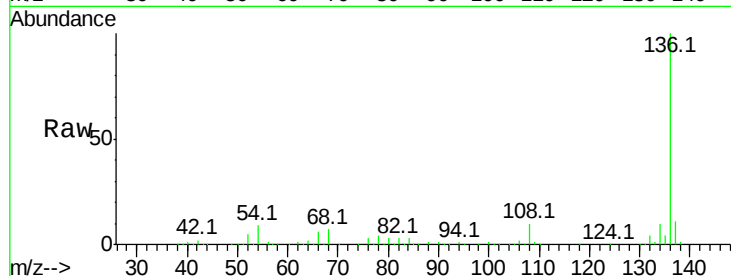




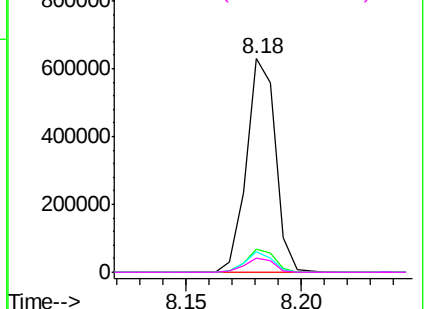
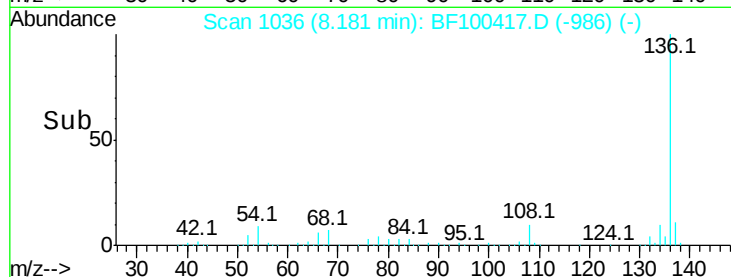
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100417.D
Acq: 11 Nov 2017 3:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	552753
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.5	6.6	9.8
68	6.7	5.0	7.4

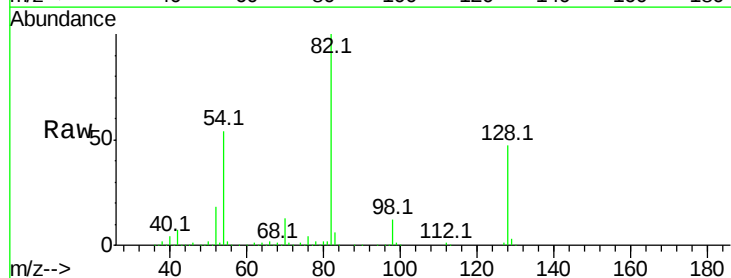


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

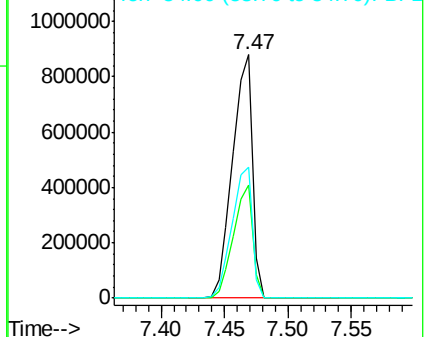
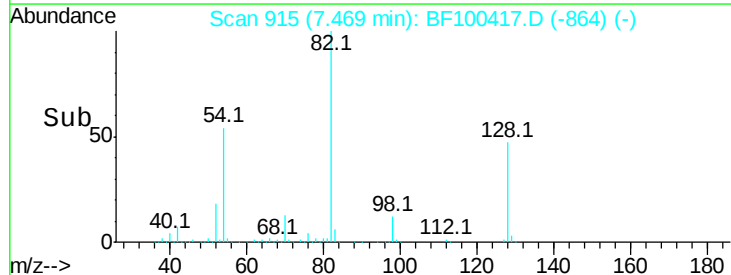


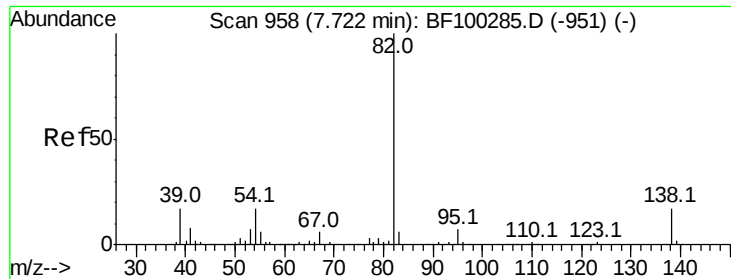
#23
Nitrobenzene-d5
Concen: 113.050 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100417.D
Acq: 11 Nov 2017 3:28

Tgt Ion:	82	Resp:	945178
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	53.6	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: 53.673 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

Instrument :

BNA_F

ClientSampled :

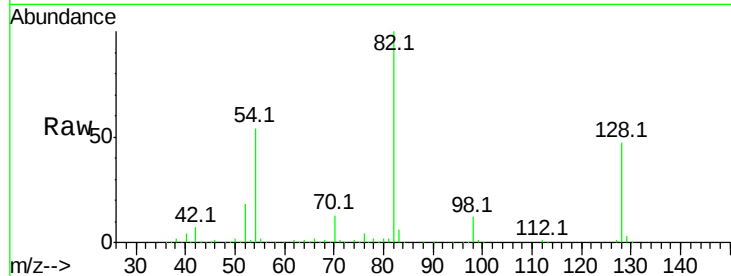
Tot Ion: 82 Resp: 942997

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

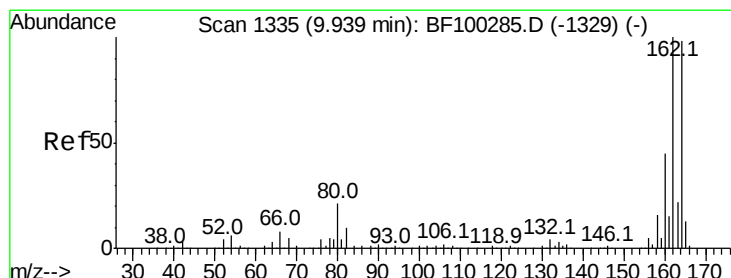
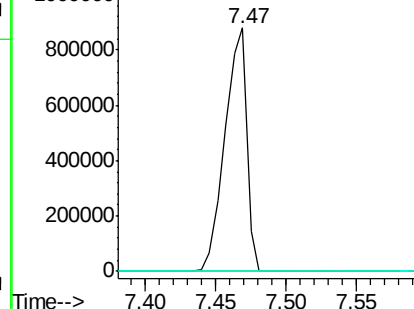
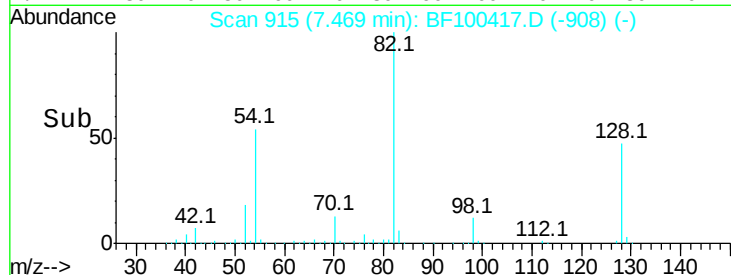
138 0.0 14.9 22.3#



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: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

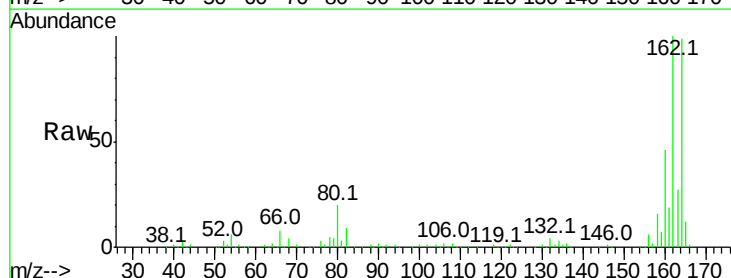
Tgt Ion:164 Resp: 230459

Ion Ratio Lower Upper

164 100

162 101.3 86.1 129.1

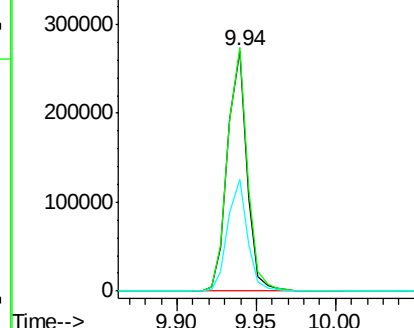
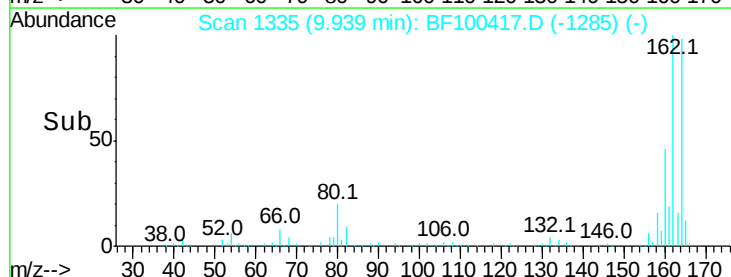
160 46.5 38.3 57.5



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

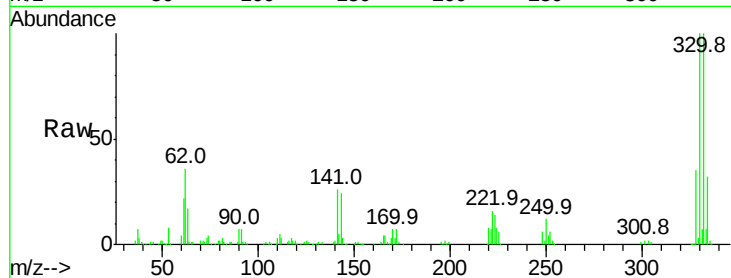




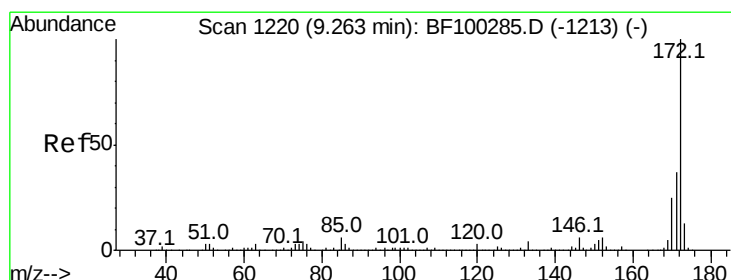
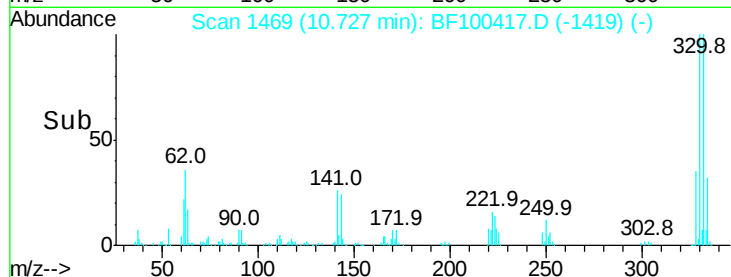
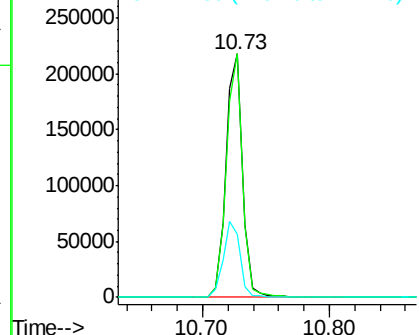
#41
 2,4,6-Tribromophenol
 Concen: 84.902 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100417.D
 Acq: 11 Nov 2017 3:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	31.7	29.9	44.9

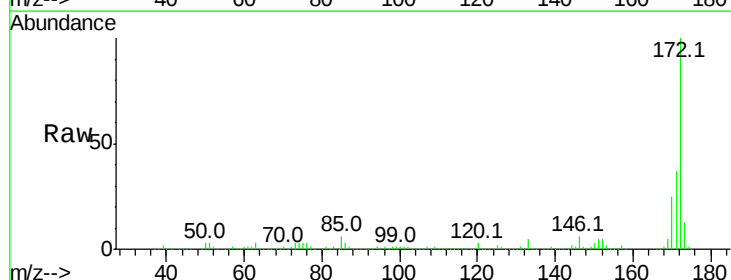


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

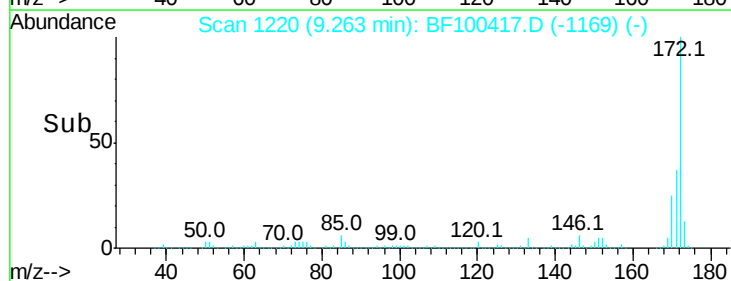
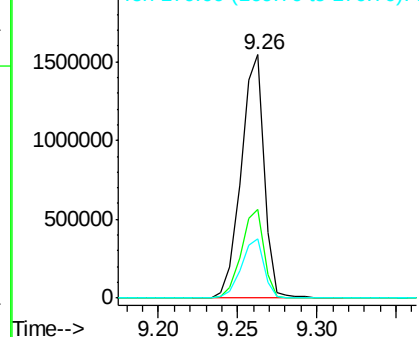


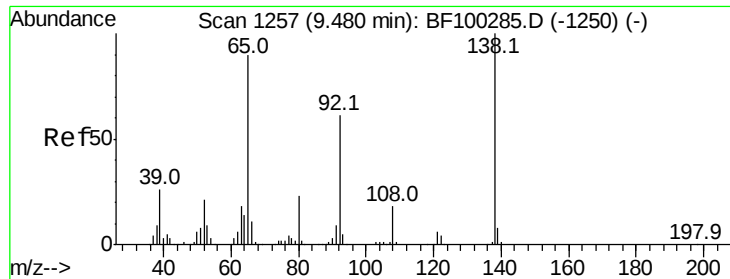
#44
 2-Fluorobiphenyl
 Concen: 102.087 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100417.D
 Acq: 11 Nov 2017 3:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.6	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





#47

2-Nitroaniline

Concen: 2.824 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.16 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

Instrument :

BNA_F

ClientSampleId :

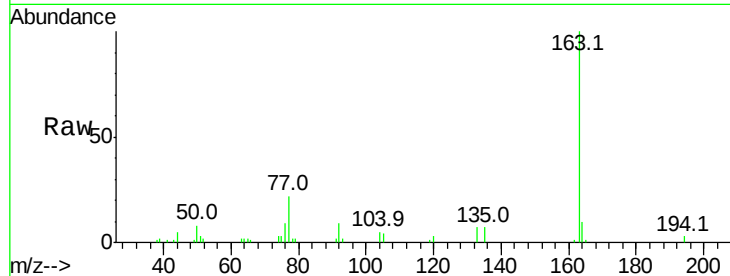
Tot Ion: 65 Resp: 182

Ion Ratio Lower Upper

65 100

92 519.4 55.8 83.6#

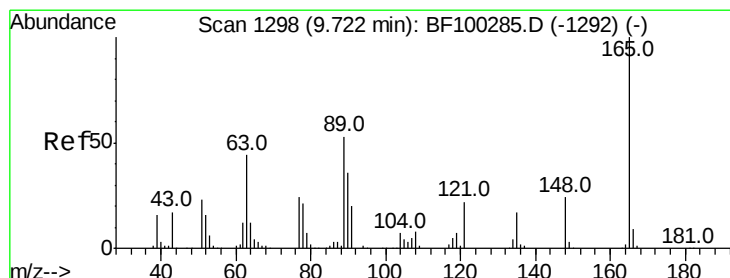
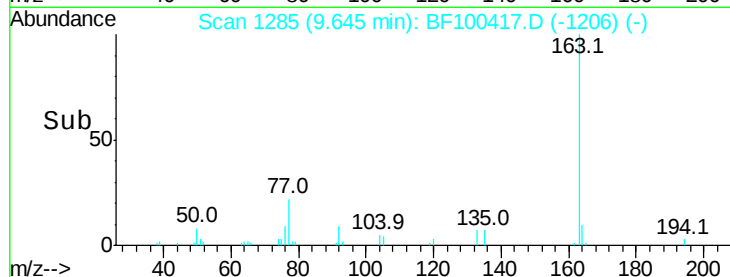
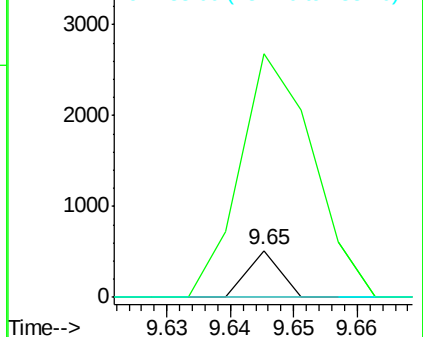
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 8.032 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

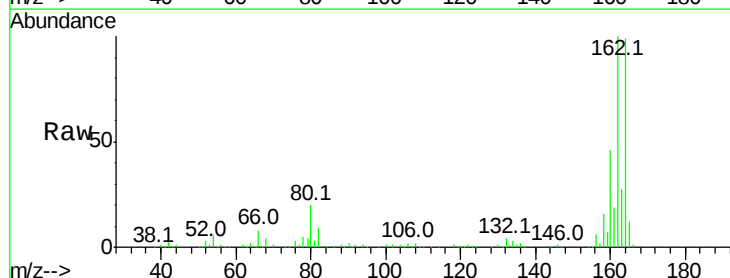
Tgt Ion:165 Resp: 27975

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

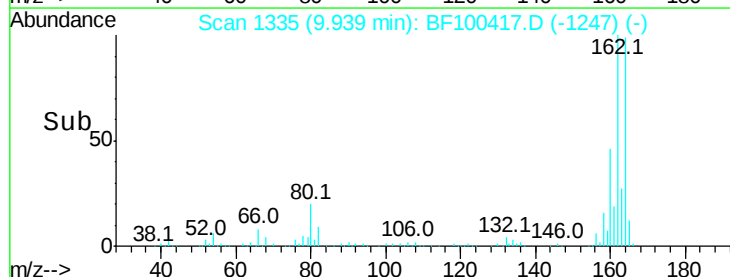
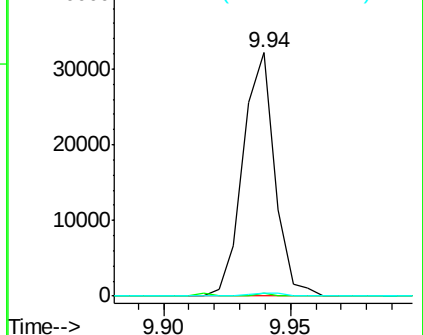
89 1.2 44.0 66.0#

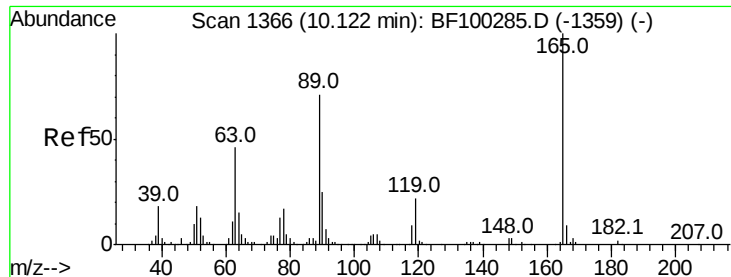


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

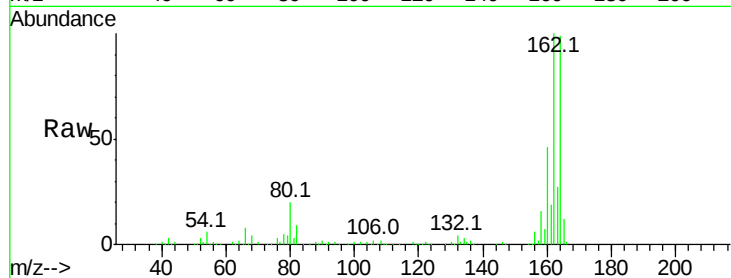




#56
 2,4-Dinitrotoluene
 Concen: 6.367 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100417.D
 Acq: 11 Nov 2017 3:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

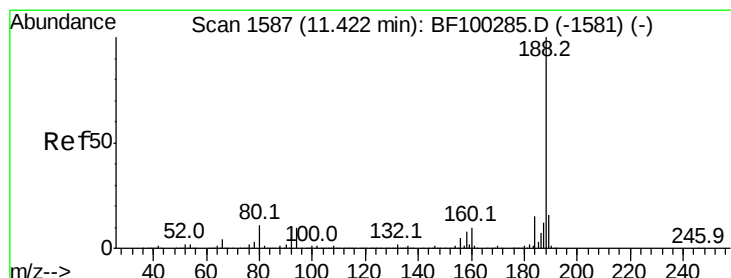
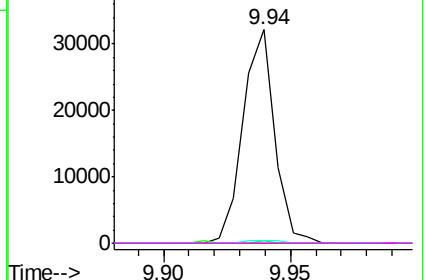
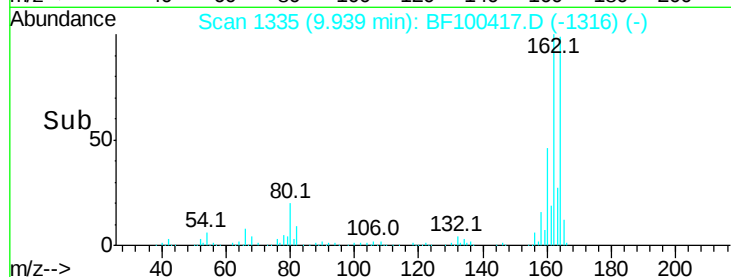


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

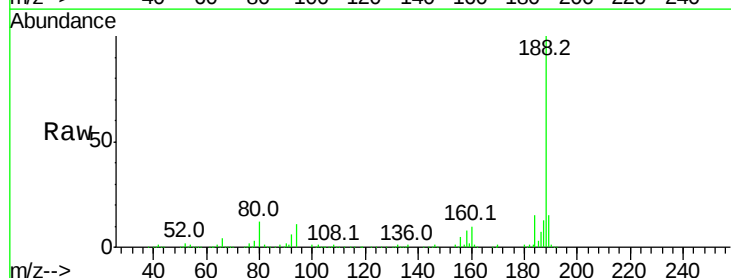
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100417.D
 Acq: 11 Nov 2017 3:28

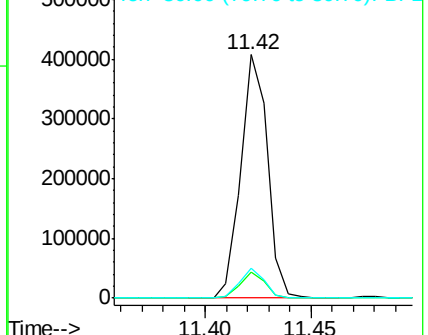
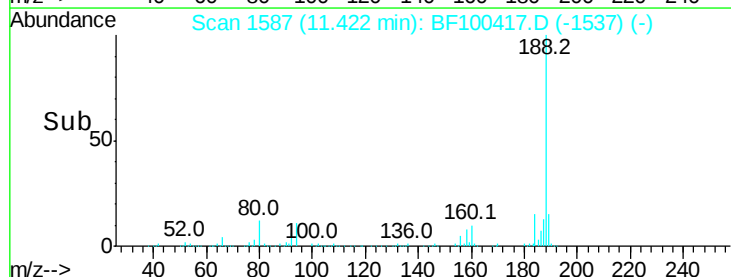
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	12.2	9.2	13.8

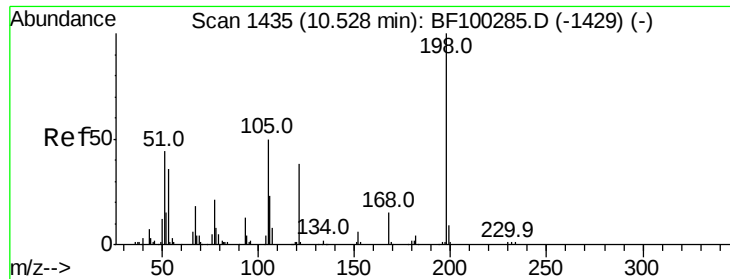


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

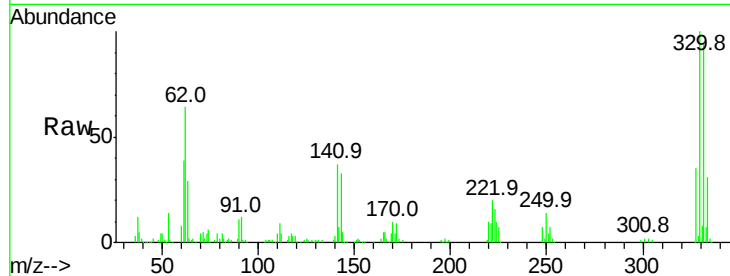




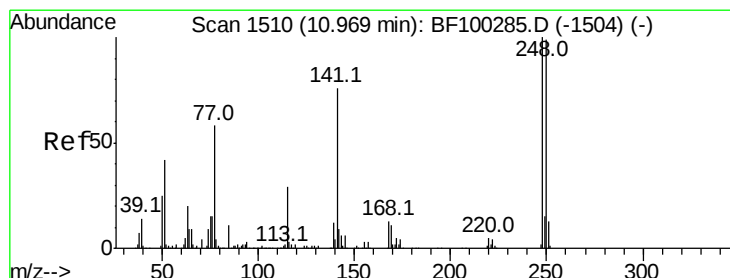
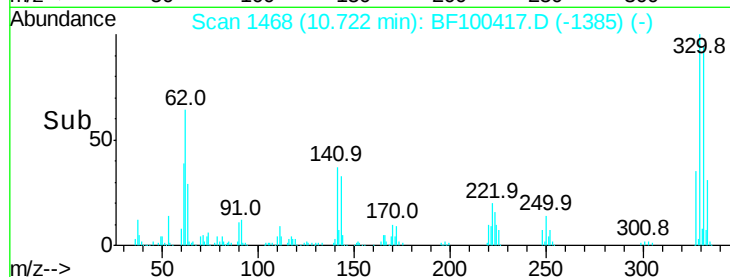
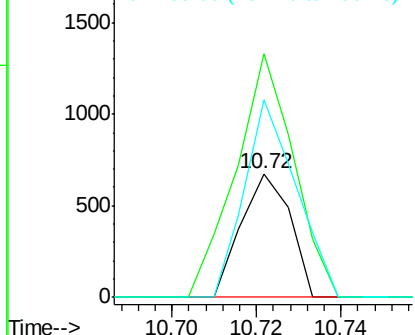
#64
4,6-Dinitro-2-methylphenol
Concen: 8.818 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100417.D
Acq: 11 Nov 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 543
Ion Ratio Lower Upper
198 100
51 197.5 37.7 77.7#
105 160.3 36.3 76.3#

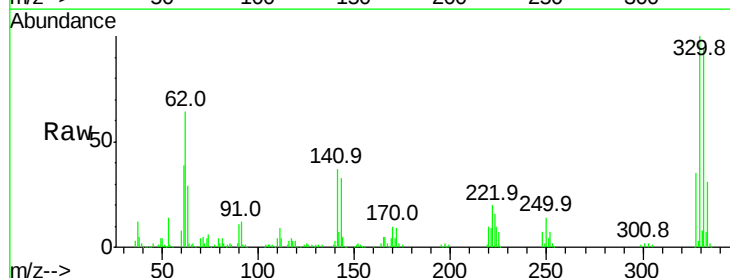


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

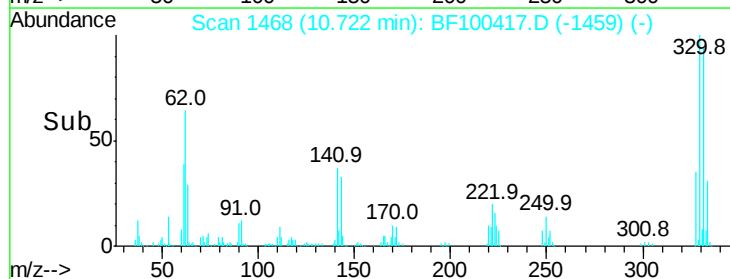
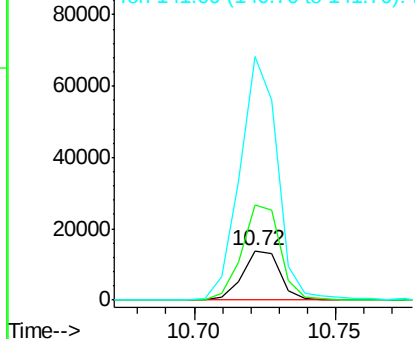


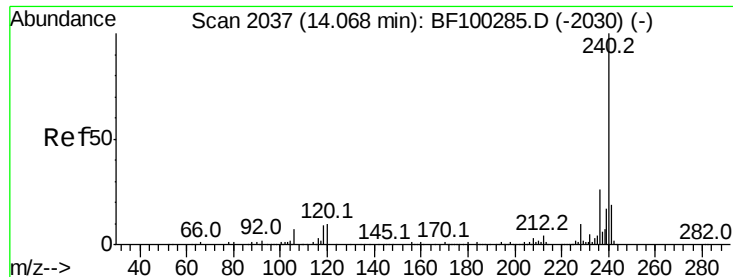
#66
4-Bromophenyl-phenylether
Concen: 3.346 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100417.D
Acq: 11 Nov 2017 3:28

Tgt Ion:248 Resp: 12784
Ion Ratio Lower Upper
248 100
250 192.5 76.9 115.3#
141 493.0 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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

Instrument :

BNA_F

ClientSampleId :

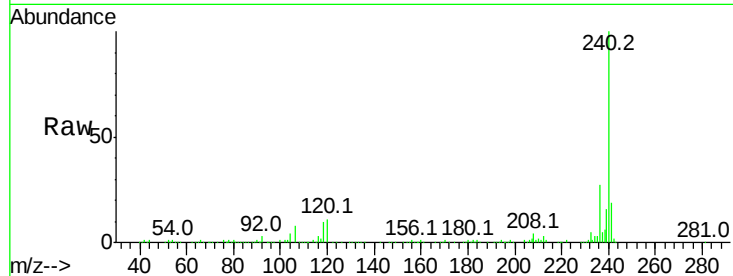
Tot Ion:240 Resp: 294132

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

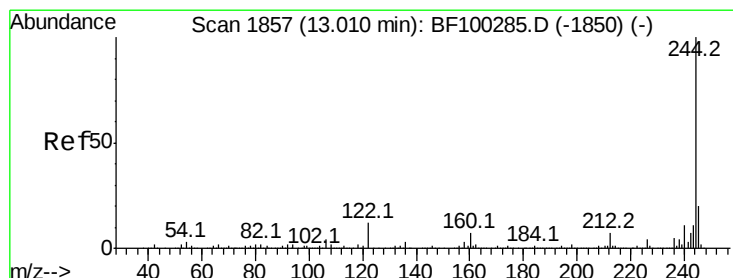
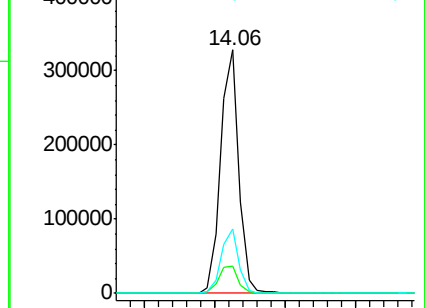
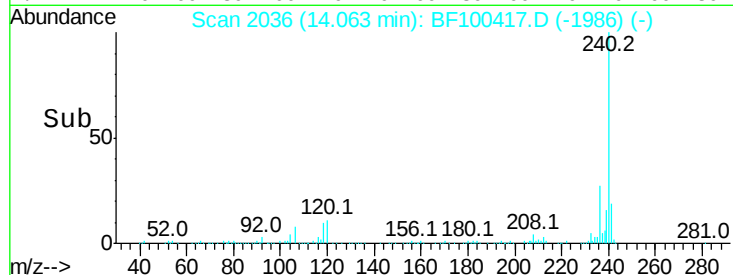
236 26.5 20.7 31.1



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: 87.653 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100417.D

Acq: 11 Nov 2017 3:28

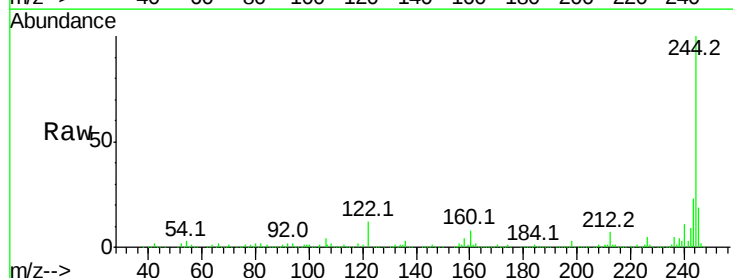
Tgt Ion:244 Resp: 1122049

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

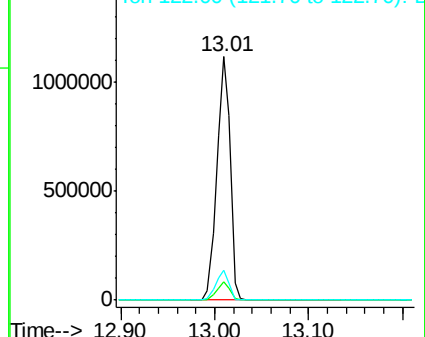
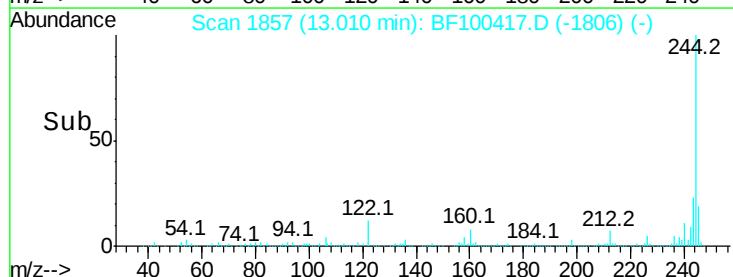
122 12.4 11.0 16.4

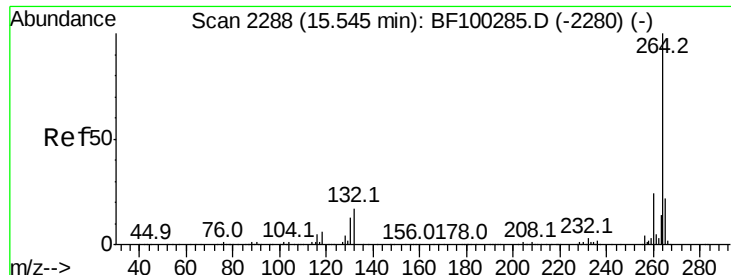


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

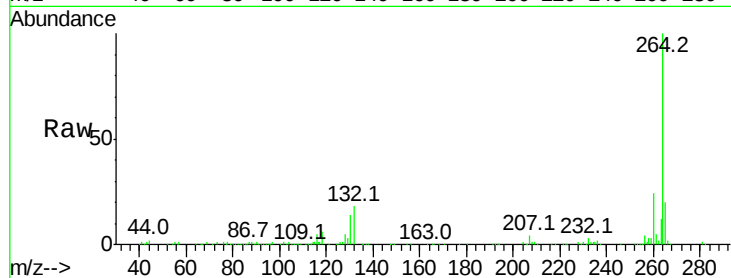




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF100417.D
 Acq: 11 Nov 2017 3:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.1	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

