

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092565.D
 Acq On : 27 Jan 2017 9:43
 Operator : SJ/MA
 Sample : I1448-09RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 10:52:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

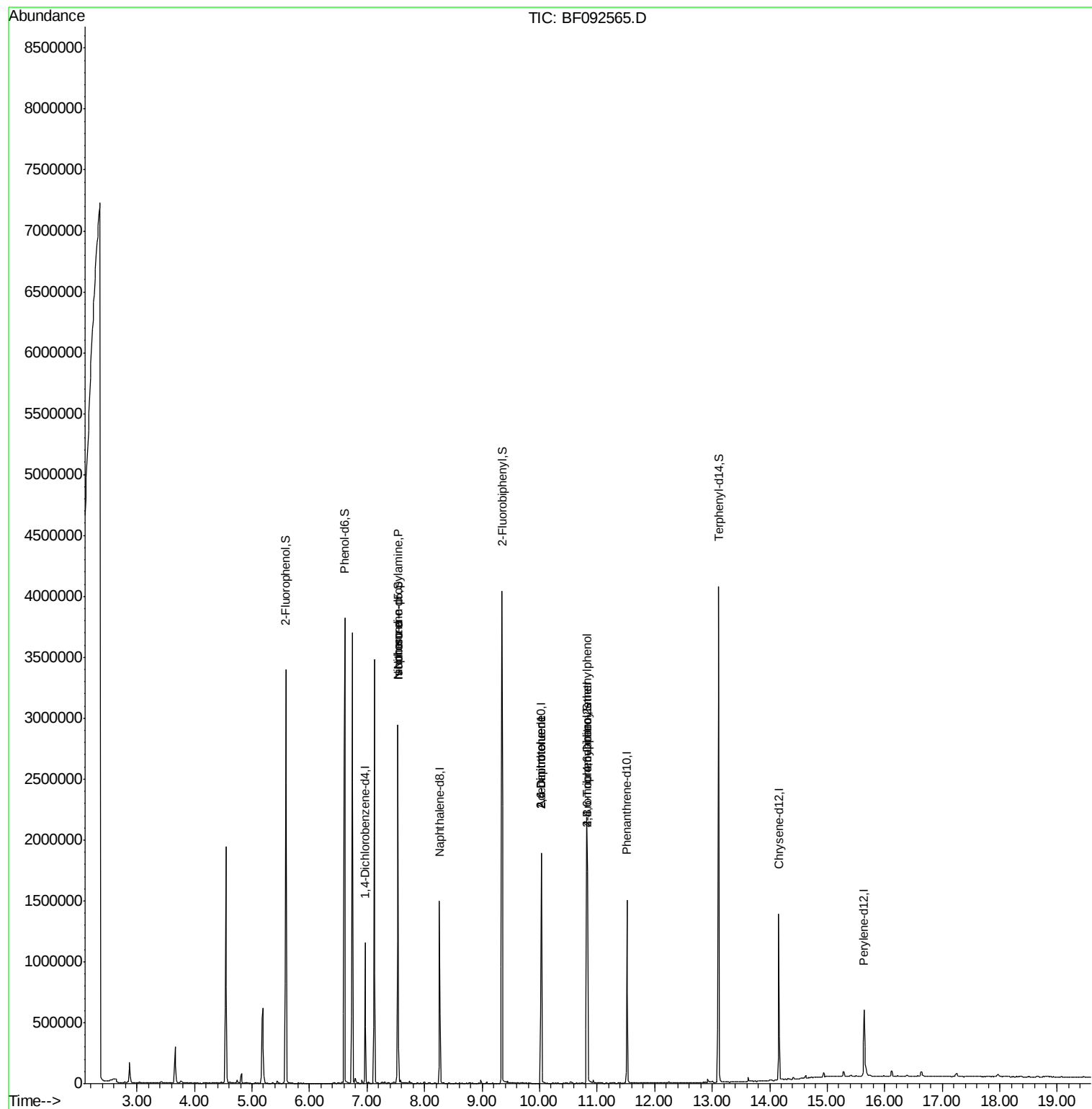
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	185429	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	735031	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	410935	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	648604	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	472649	20.00	ng	-0.01
86) Perylene-d12	15.64	264	211244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1319283	110.69	ng	0.03
7) Phenol-d6	6.61	99	1668892	109.93	ng	0.02
23) Nitrobenzene-d5	7.54	82	1027375	76.35	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	382402	136.55	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1787682	80.44	ng	-0.01
78) Terphenyl-d14	13.12	244	1720827	96.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	137327	13.28	ng	# 84
25) Isophorone	7.54	82	1010493	38.11	ng	# 65
50) 2,6-Dinitrotoluene	10.03	165	53447	10.01	ng	# 31
56) 2,4-Dinitrotoluene	10.03	165	53441	7.54	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.82	198	857	5.17	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	27496	4.20	ng	# 1

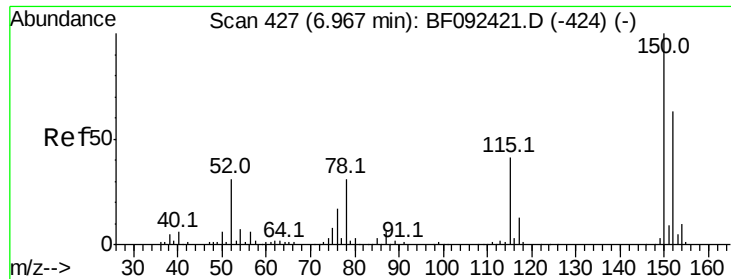
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092565.D
Acq On : 27 Jan 2017 9:43
Operator : SJ/MA
Sample : I1448-09RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 27 10:52:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092565.D

Acq: 27 Jan 2017 9:43

Instrument :

BNA_F

ClientSampleId :

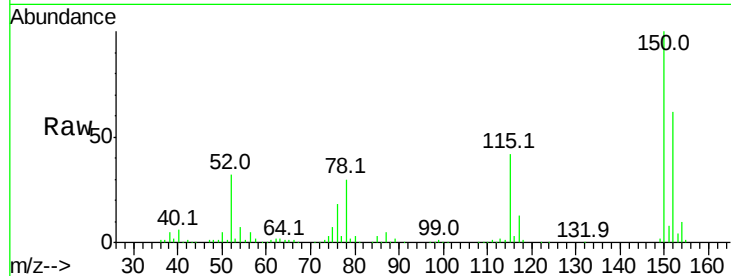
Tot Ion:152 Resp: 185429

Ion Ratio Lower Upper

152 100

150 160.0 124.9 187.3

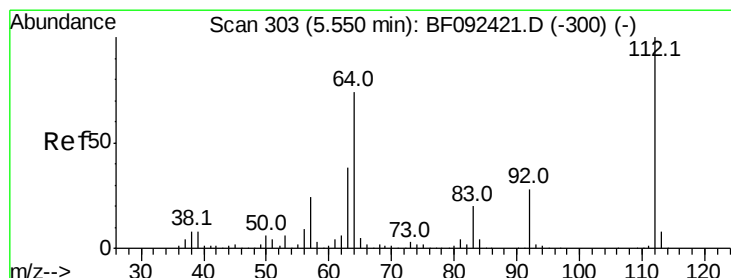
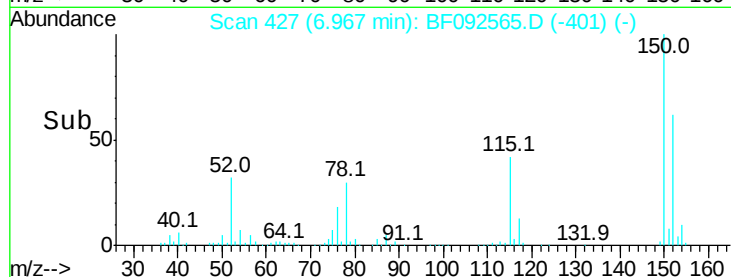
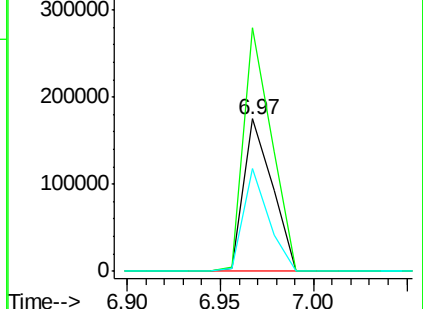
115 67.4 46.0 69.0



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: 110.69 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.03 min

Lab File: BF092565.D

Acq: 27 Jan 2017 9:43

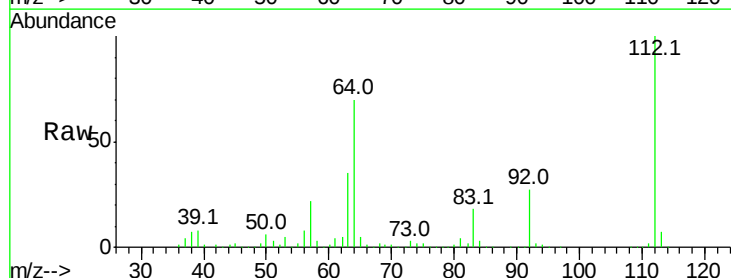
Tgt Ion:112 Resp: 1319283

Ion Ratio Lower Upper

112 100

64 70.0 46.1 69.1#

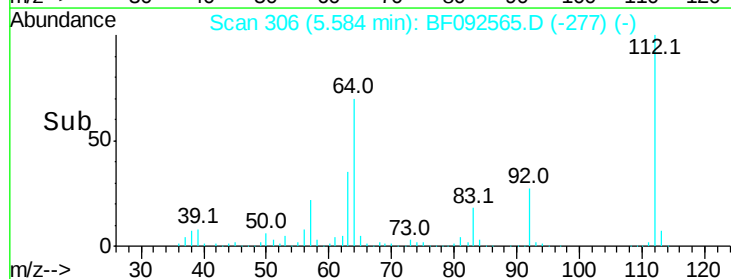
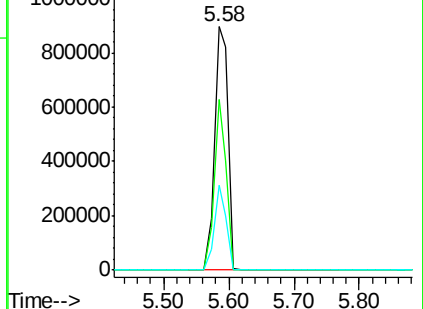
63 35.1 23.8 35.6

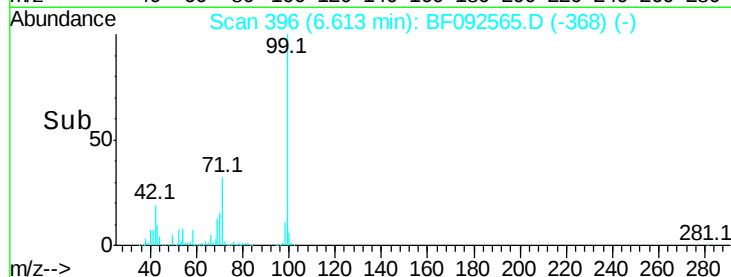
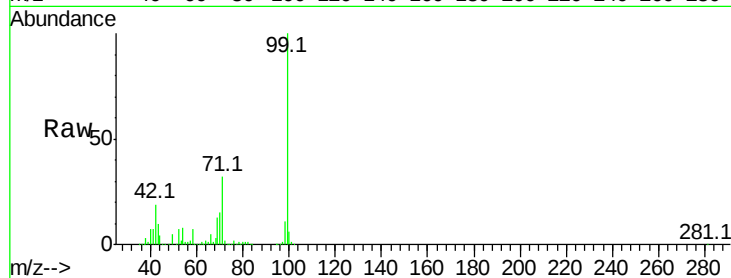
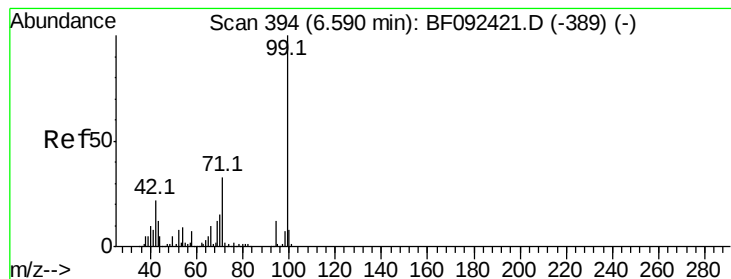


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.93 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF092565.D

Acq: 27 Jan 2017 9:43

Instrument :

BNA_F

ClientSampleId :

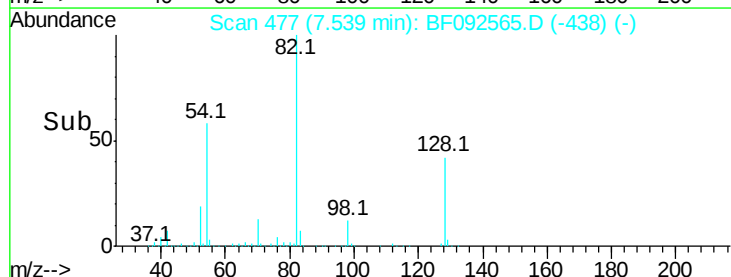
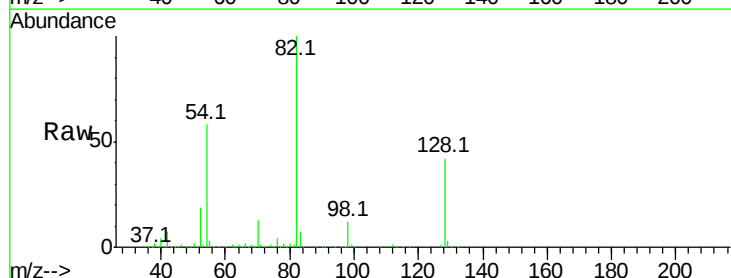
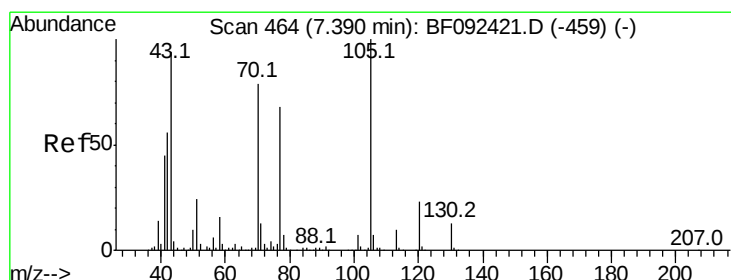
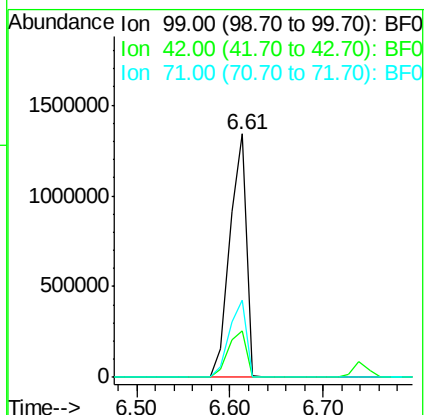
Tot Ion: 99 Resp: 1668892

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 31.5 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.28 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092565.D

Acq: 27 Jan 2017 9:43

Tgt Ion: 70 Resp: 137327

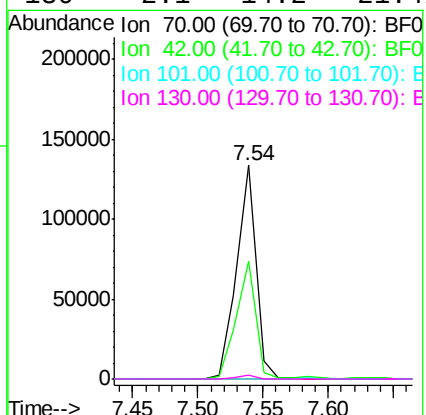
Ion Ratio Lower Upper

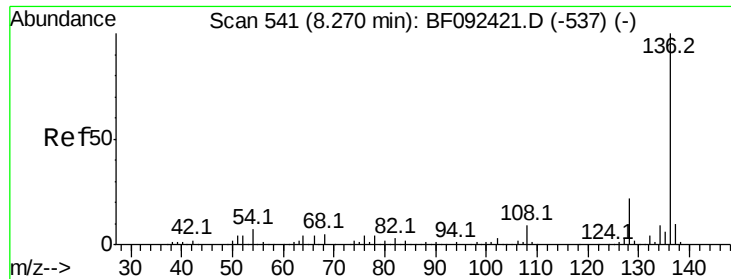
70 100

42 55.0 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

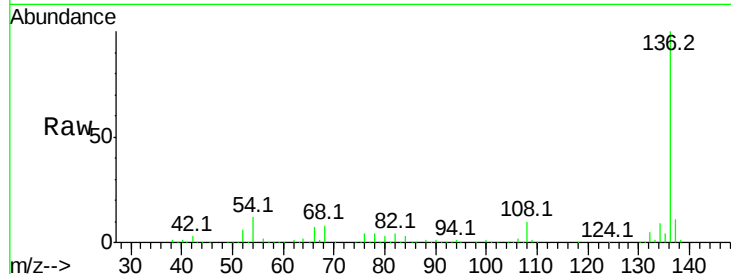




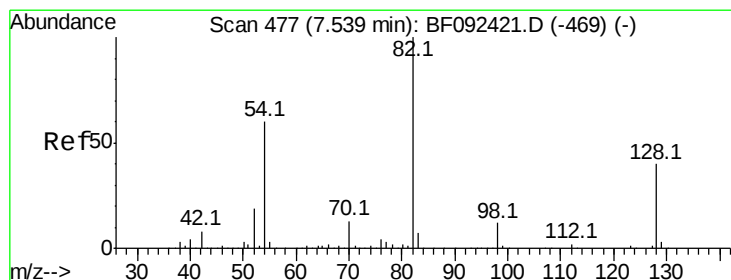
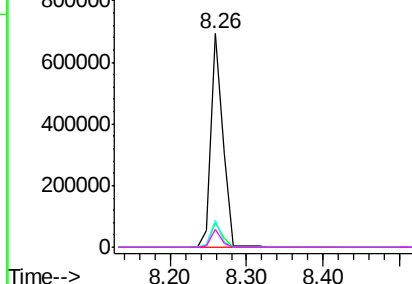
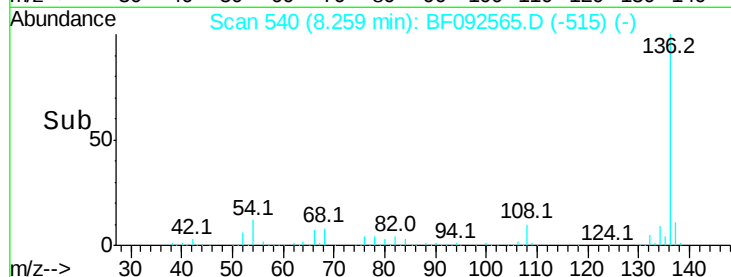
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092565.D
Acq: 27 Jan 2017 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	735031
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	12.5	4.5	6.7#
68	8.2	3.6	5.4#

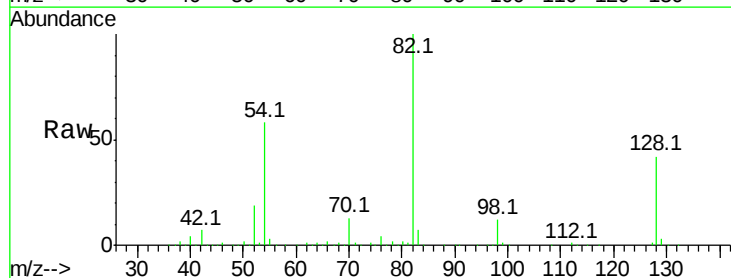


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

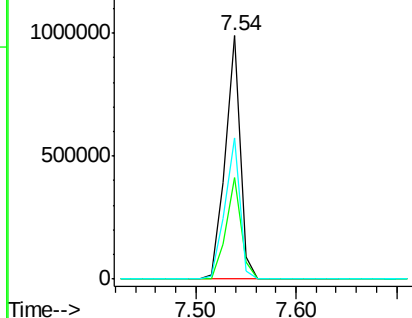
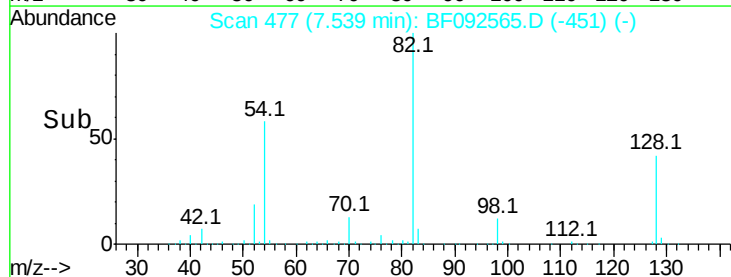


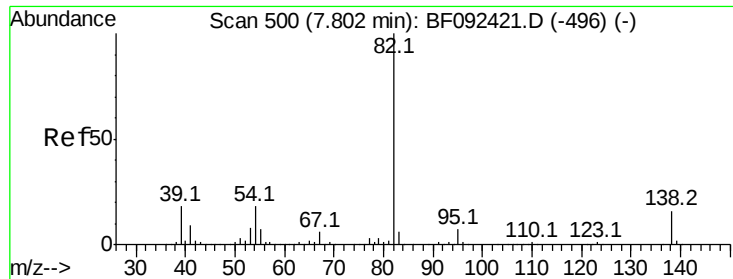
#23
Nitrobenzene-d5
Concen: 76.35 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092565.D
Acq: 27 Jan 2017 9:43

Tgt Ion:	82	Resp:	1027375
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	58.0	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

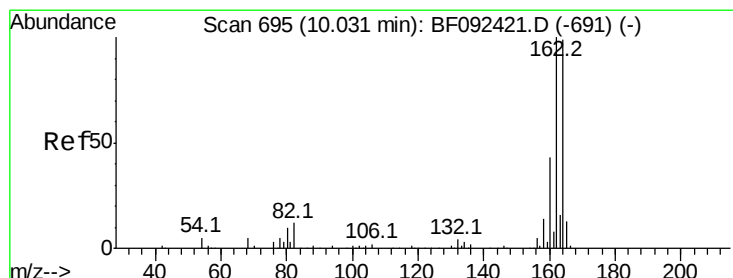
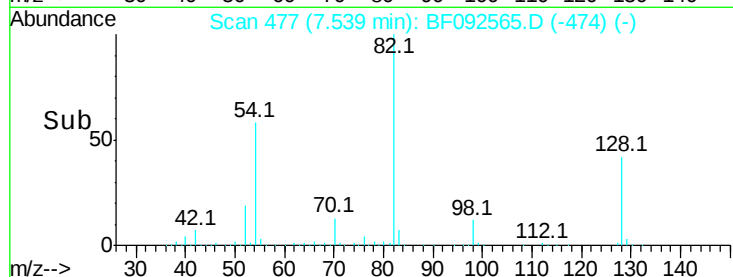
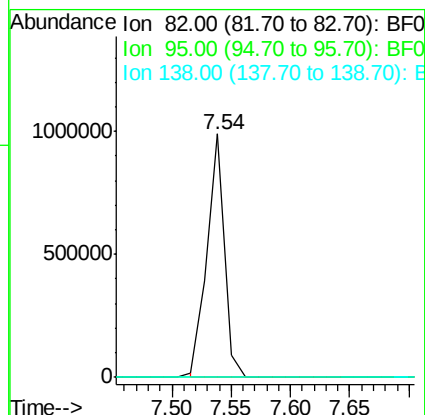
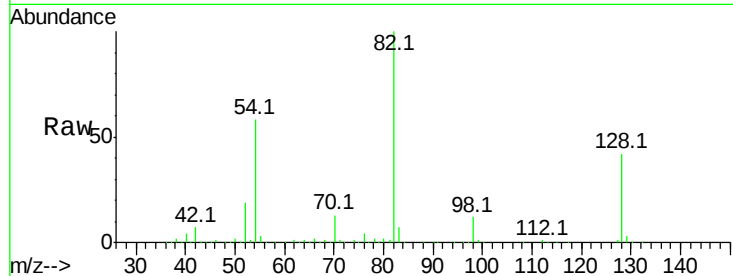




#25
Isophorone
Concen: 38.11 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092565.D
Acq: 27 Jan 2017 9:43

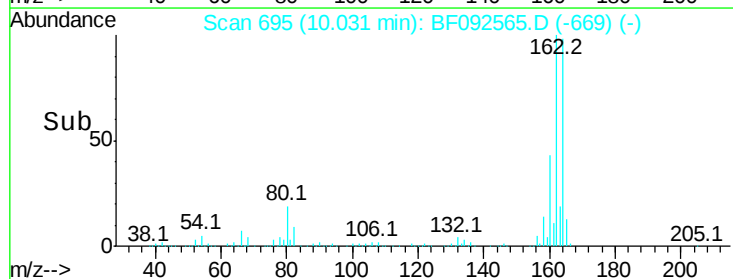
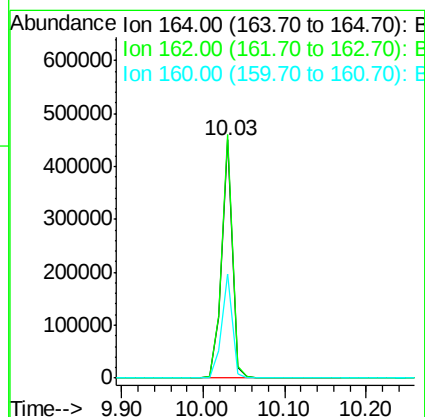
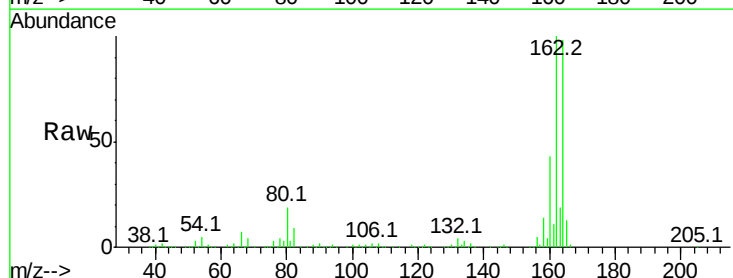
Instrument :
BNA_F
ClientSampleId :

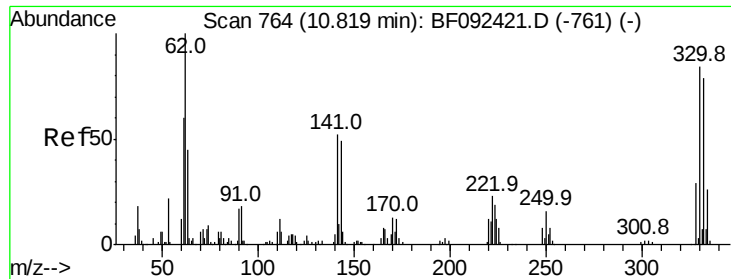
Tot Ion: 82 Resp: 1010493
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092565.D
Acq: 27 Jan 2017 9:43

Tgt Ion:164 Resp: 410935
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 43.9 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 136.55 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092565.D

Acq: 27 Jan 2017 9:43

Instrument :

BNA_F

ClientSampleId :

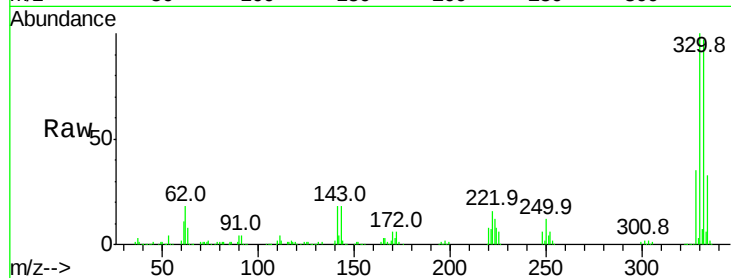
Tot Ion:330 Resp: 382402

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

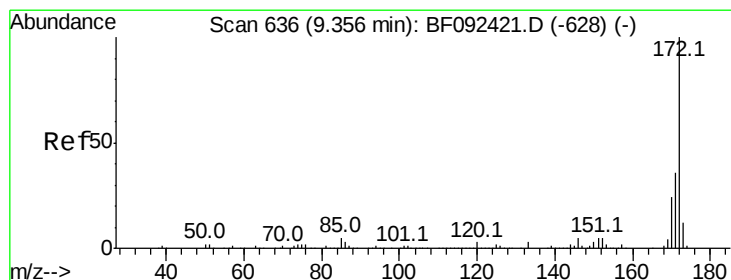
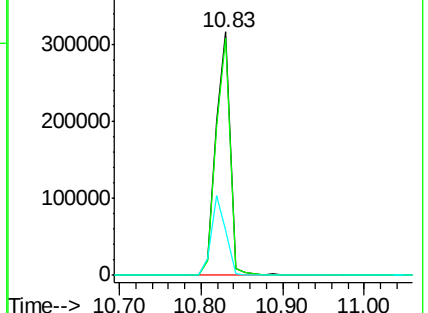
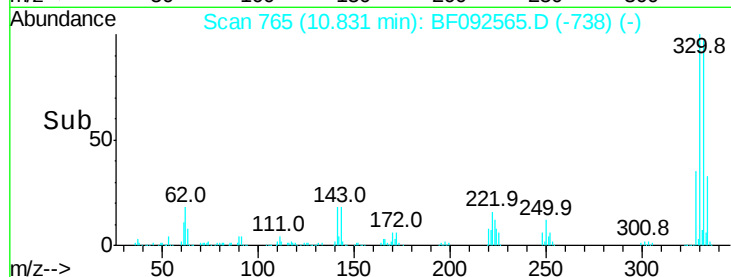
141 34.2 34.1 51.1



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: 80.44 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092565.D

Acq: 27 Jan 2017 9:43

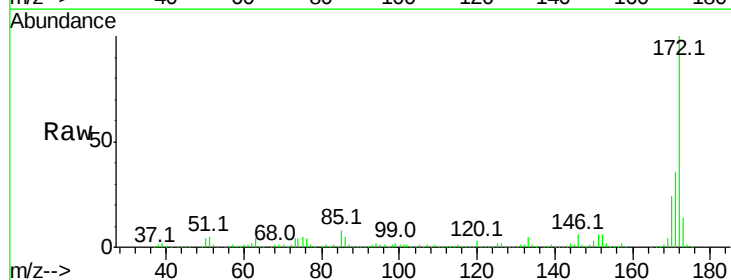
Tgt Ion:172 Resp: 1787682

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

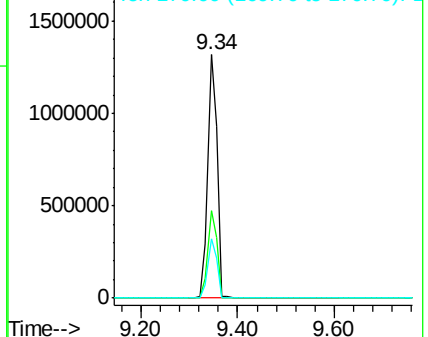
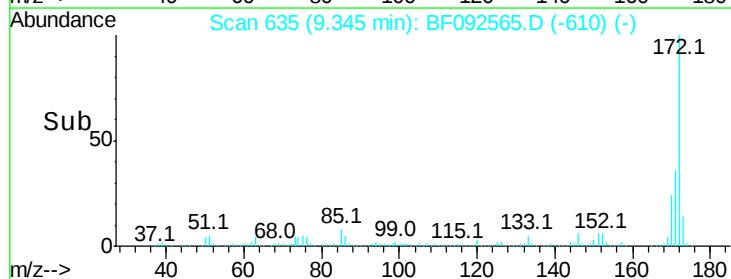
170 24.4 20.2 30.4

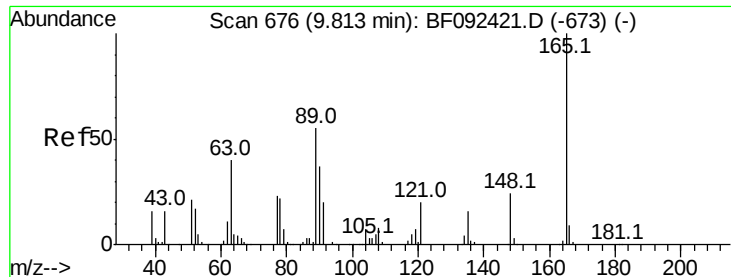


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

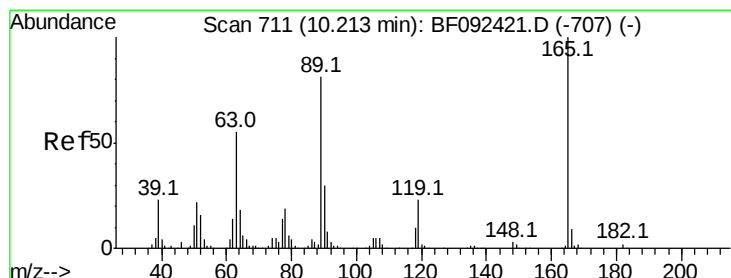
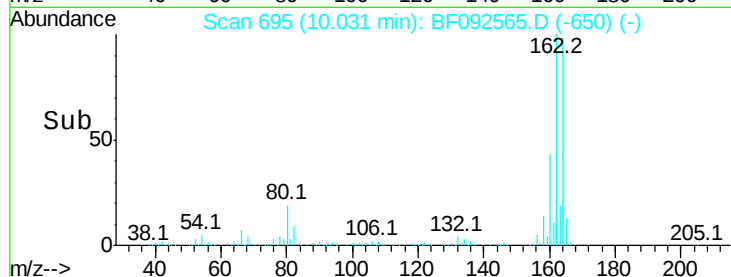
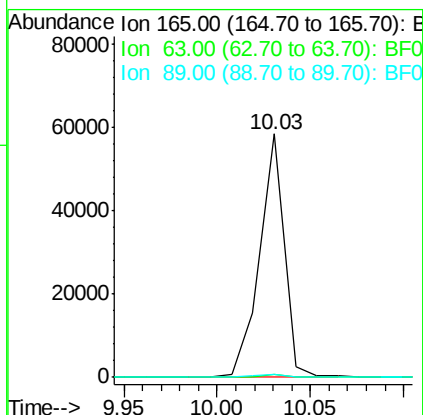
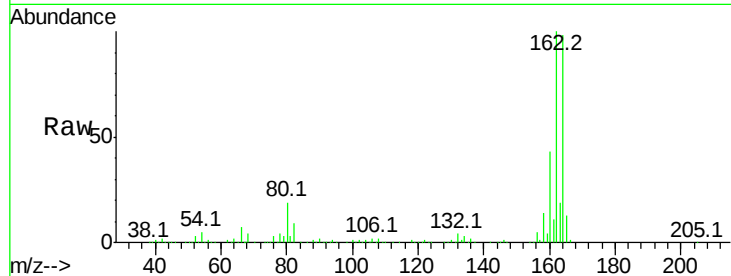




#50
2,6-Dinitrotoluene
Concen: 10.01 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.22 min
Lab File: BF092565.D
Acq: 27 Jan 2017 9:43

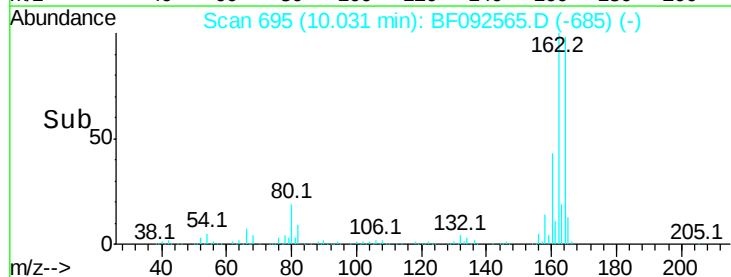
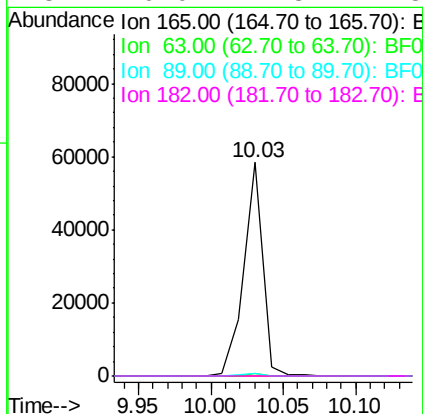
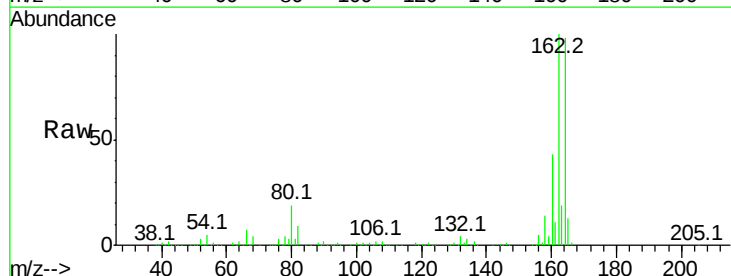
Instrument :
BNA_F
ClientSampleId :

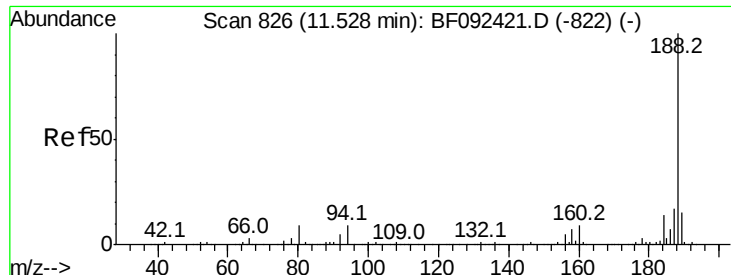
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	1.0	40.2	60.4#



#56
2,4-Dinitrotoluene
Concen: 7.54 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092565.D
Acq: 27 Jan 2017 9:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

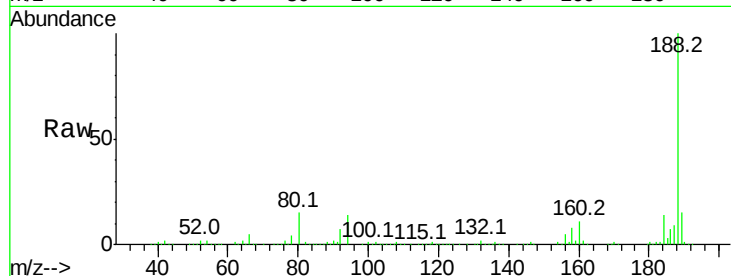




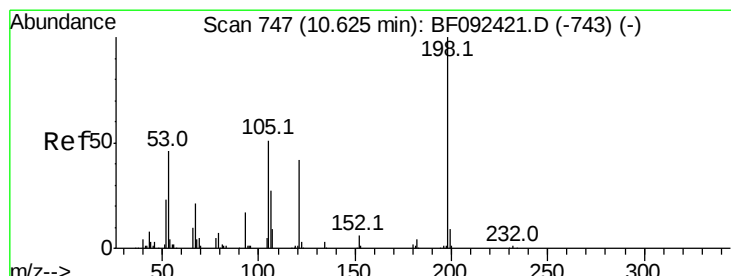
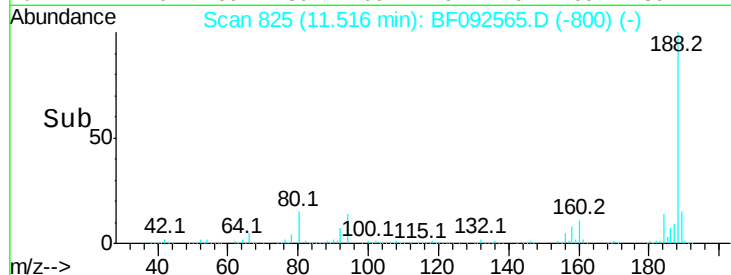
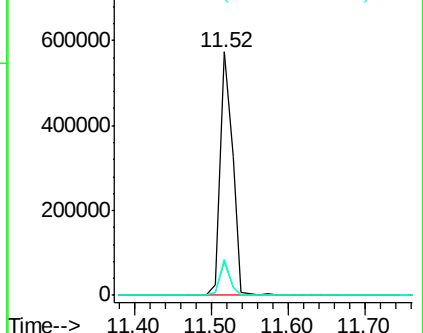
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092565.D
Acq: 27 Jan 2017 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.0	15.0
80	15.0	11.2	16.8

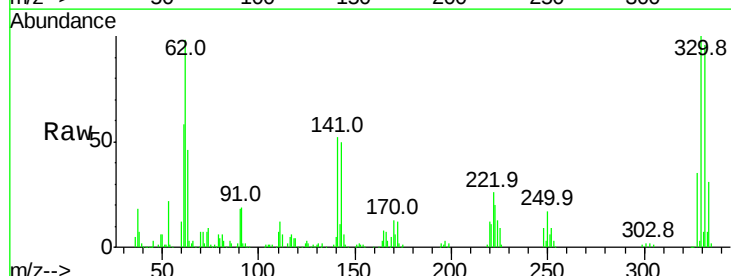


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

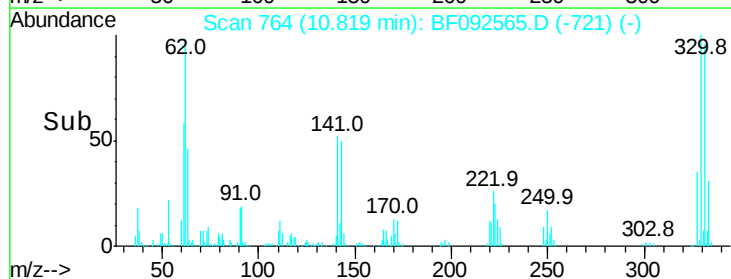
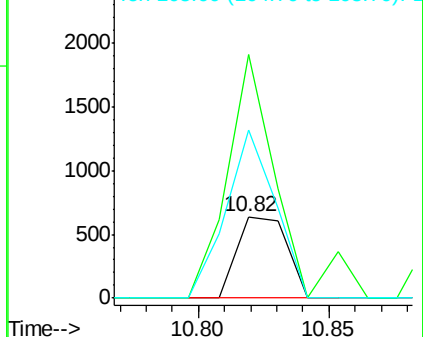


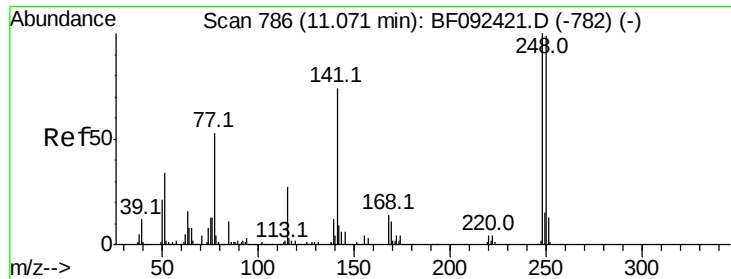
#64
4,6-Dinitro-2-methylphenol
Concen: 5.17 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.20 min
Lab File: BF092565.D
Acq: 27 Jan 2017 9:43

Tgt Ion	Ratio	Lower	Upper
198	100		
51	298.9	6.7	46.7#
105	205.8	16.6	56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.20 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.24 min

Lab File: BF092565.D

Acq: 27 Jan 2017 9:43

Instrument :

BNA_F

ClientSampled :

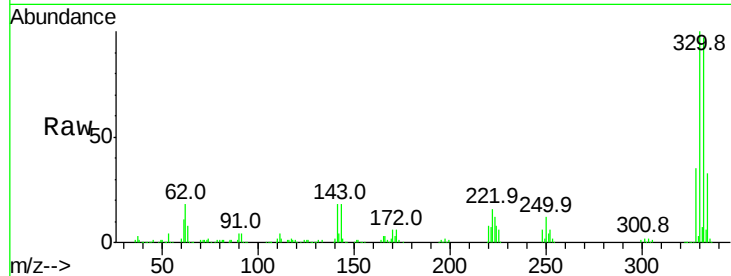
Tot Ion:248 Resp: 27496

Ion Ratio Lower Upper

248 100

250 203.4 76.9 115.3#

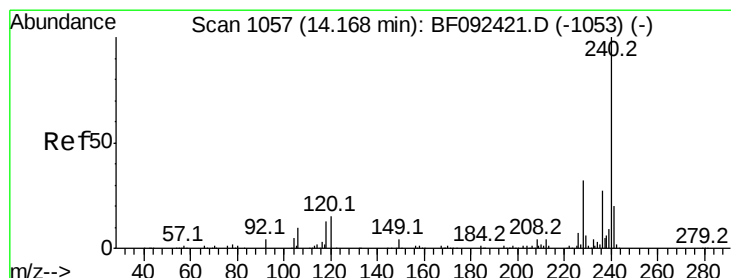
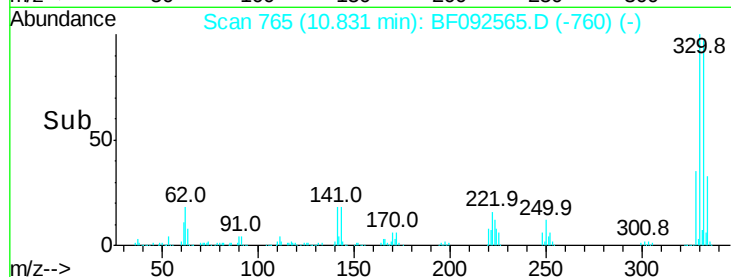
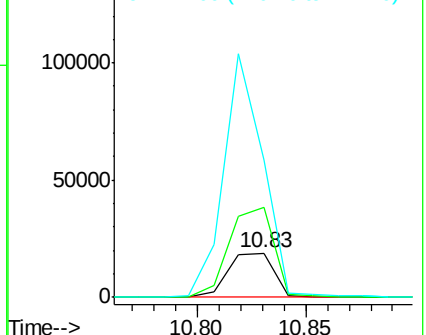
141 310.9 68.2 102.4#



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: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092565.D

Acq: 27 Jan 2017 9:43

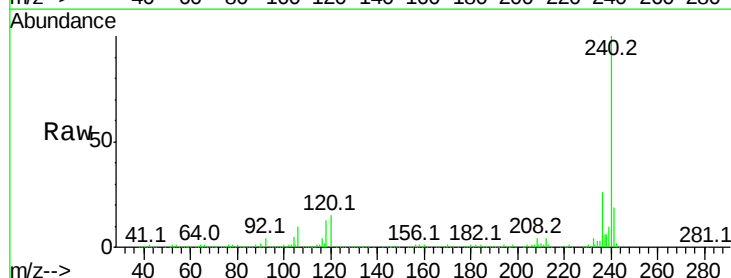
Tgt Ion:240 Resp: 472649

Ion Ratio Lower Upper

240 100

120 15.0 12.9 19.3

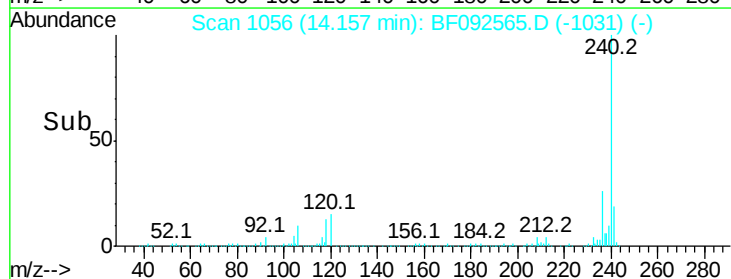
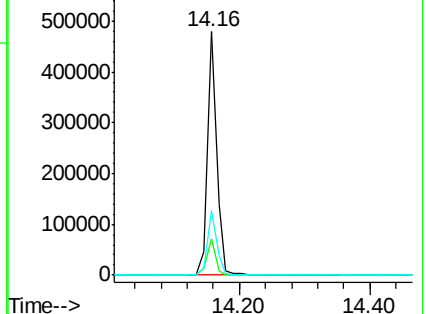
236 26.2 20.9 31.3

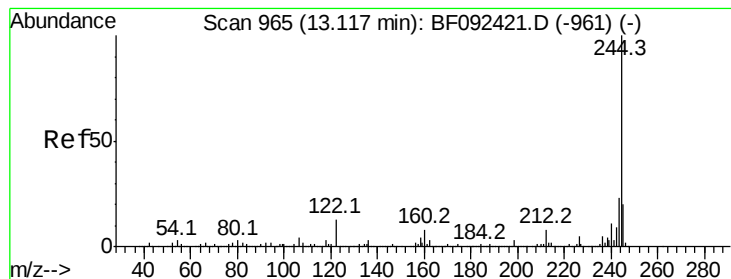


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.95 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092565.D

Acq: 27 Jan 2017 9:43

Instrument :

BNA_F

ClientSampleId :

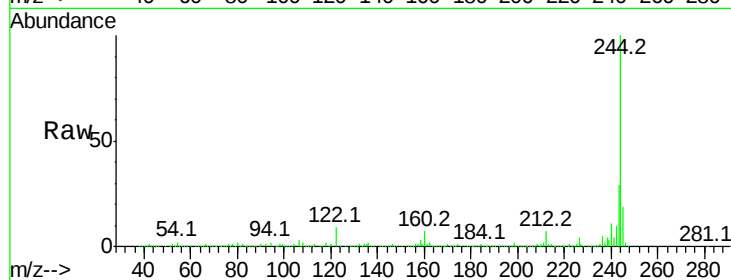
Tot Ion:244 Resp: 1720827

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

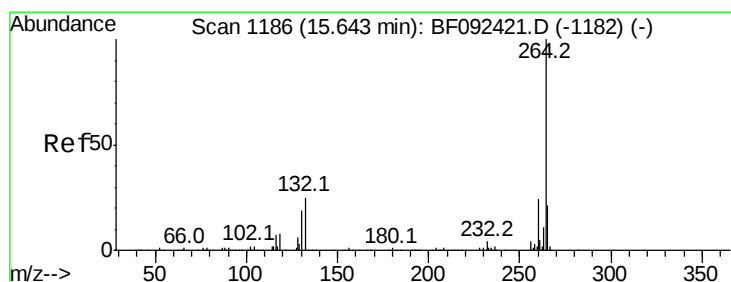
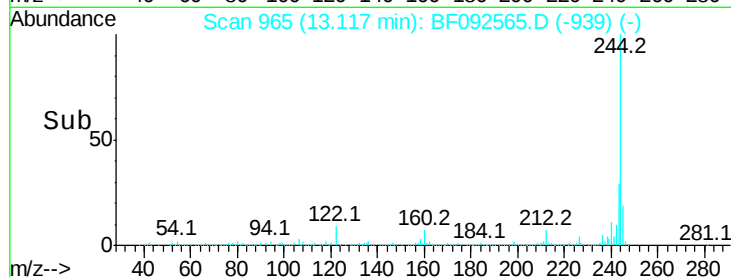
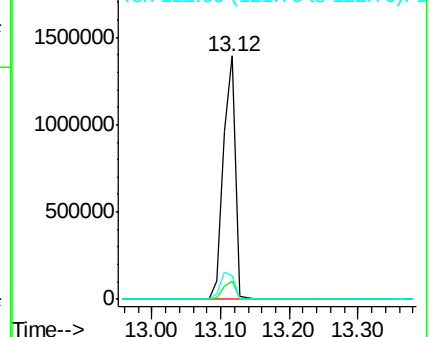
122 9.4 11.4 17.2#



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: 20.00 ng

RT: 15.64 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF092565.D

Acq: 27 Jan 2017 9:43

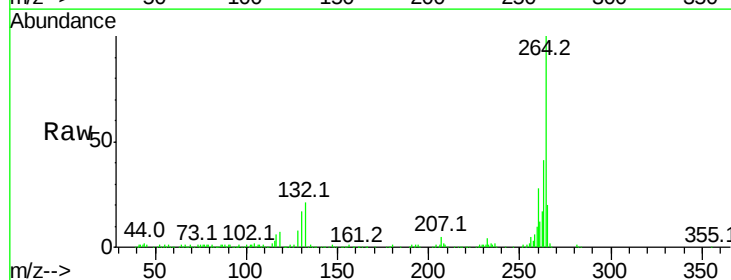
Tgt Ion:264 Resp: 211244

Ion Ratio Lower Upper

264 100

260 27.7 19.2 28.8

265 20.2 17.4 26.0



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

