

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092469.D
 Acq On : 25 Jan 2017 11:53
 Operator : SJ/MA
 Sample : PB96126BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 12:35:26 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

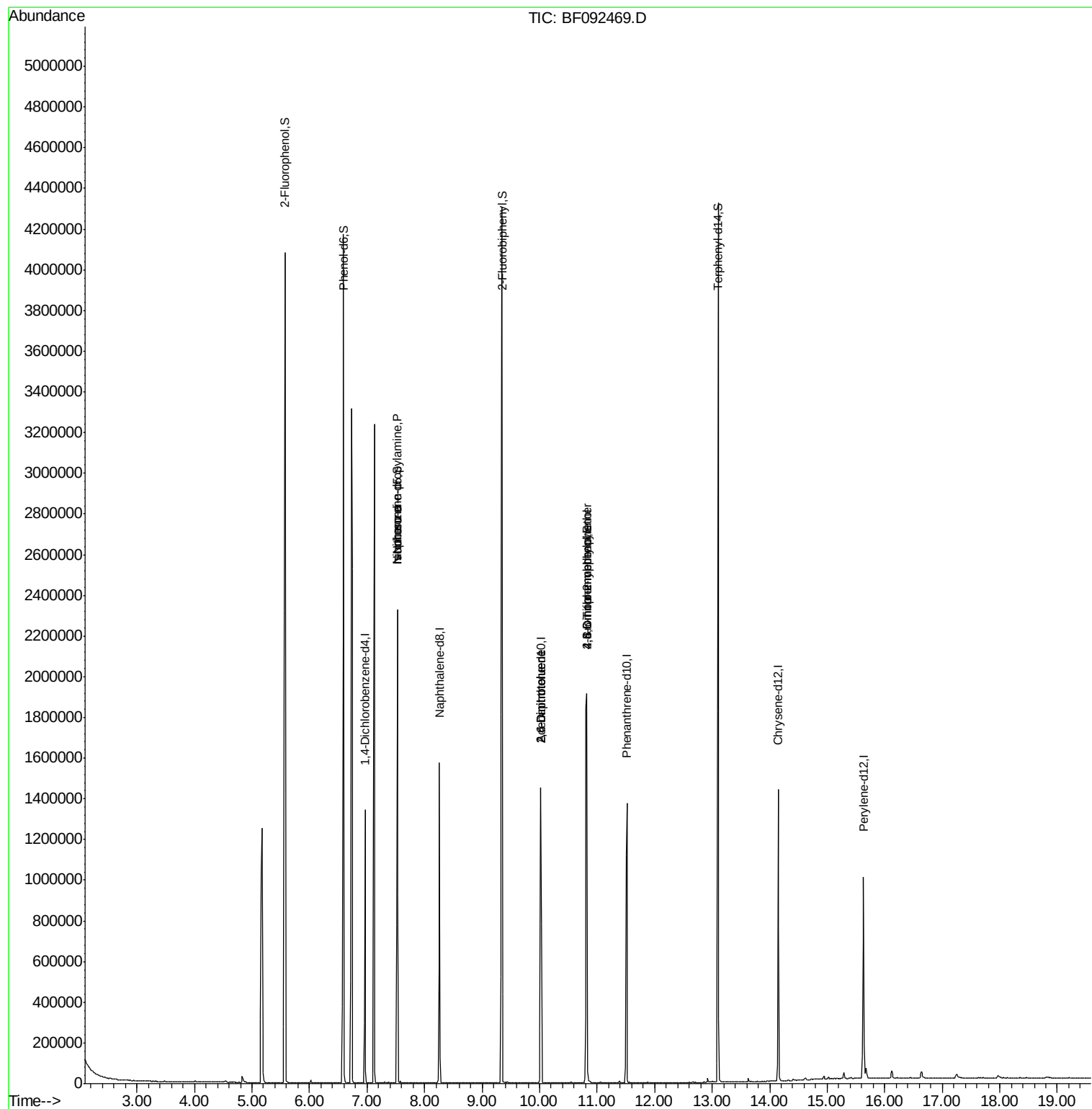
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	189826	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	758850	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	409091	20.00	ng	-0.01
63) Phenanthrene-d10	11.52	188	712777	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	571790	20.00	ng	-0.02
86) Perylene-d12	15.63	264	490780	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1242235	101.82	ng	0.02
7) Phenol-d6	6.59	99	1578777	101.59	ng	0.00
23) Nitrobenzene-d5	7.53	82	938240	67.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	336117	120.57	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1628170	73.60	ng	-0.01
78) Terphenyl-d14	13.11	244	1453583	67.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	123232	11.64	ng	# 83
25) Isophorone	7.53	82	756132	27.62	ng	# 65
50) 2,6-Dinitrotoluene	10.02	165	51981	9.78	ng	# 30
56) 2,4-Dinitrotoluene	10.02	165	51982	7.36	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.82	198	877	5.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	25302	3.52	ng	# 1

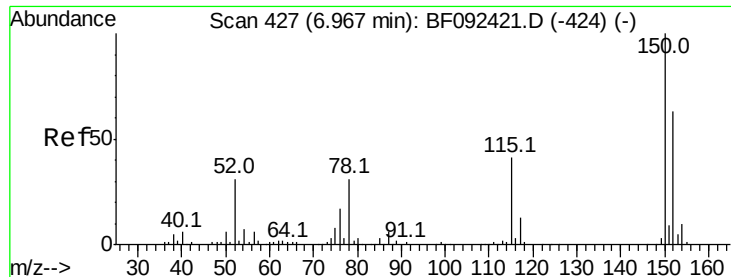
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092469.D
Acq On : 25 Jan 2017 11:53
Operator : SJ/MA
Sample : PB96126BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jan 25 12:35:26 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: BF092469.D

Acq: 25 Jan 2017 11:53

Instrument :

BNA_F

ClientSampleId :

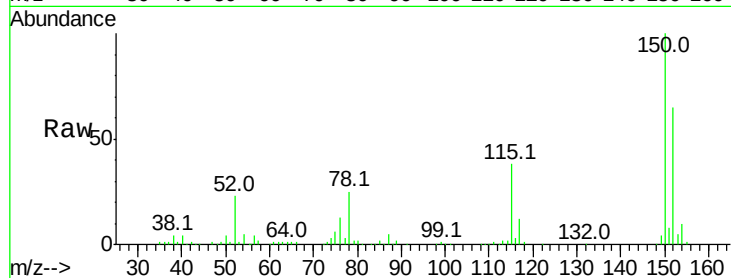
Tot Ion:152 Resp: 189826

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

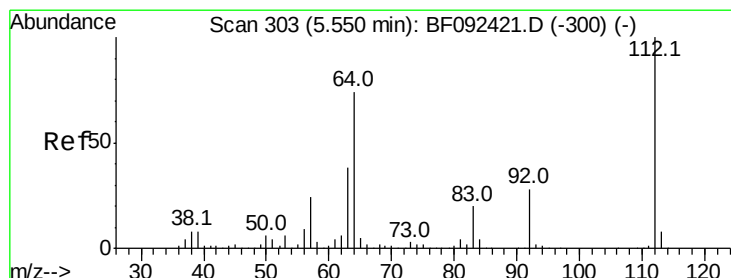
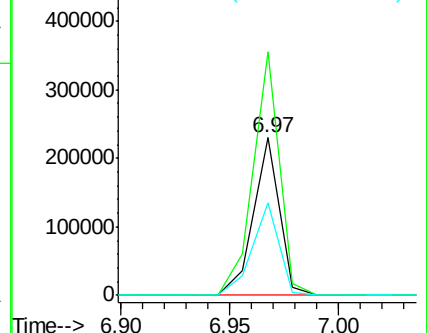
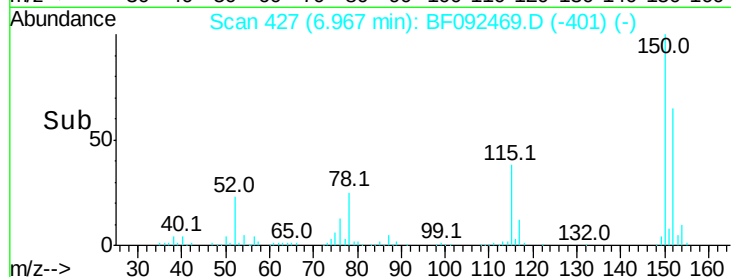
115 59.1 46.0 69.0



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: 101.82 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

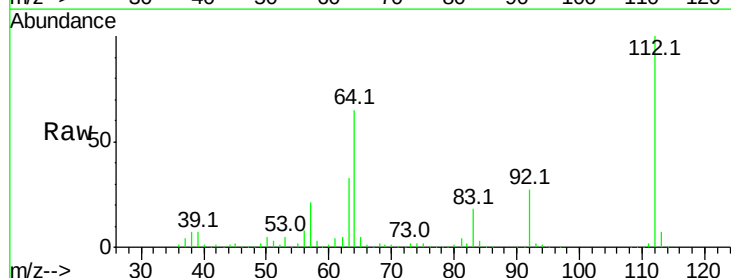
Tgt Ion:112 Resp: 1242235

Ion Ratio Lower Upper

112 100

64 64.5 46.1 69.1

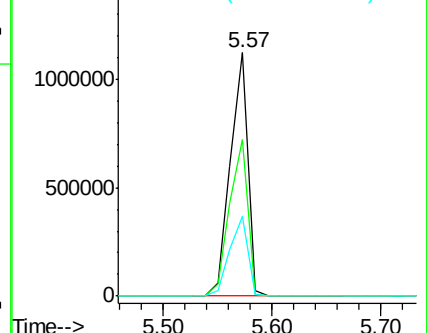
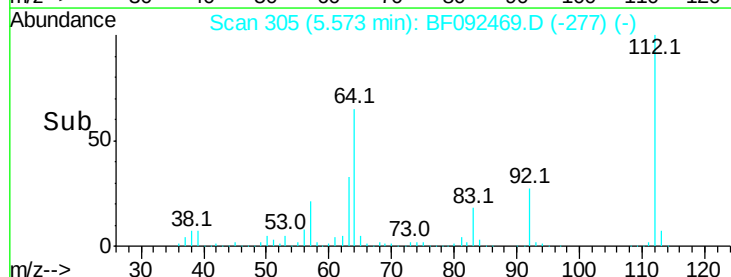
63 32.6 23.8 35.6

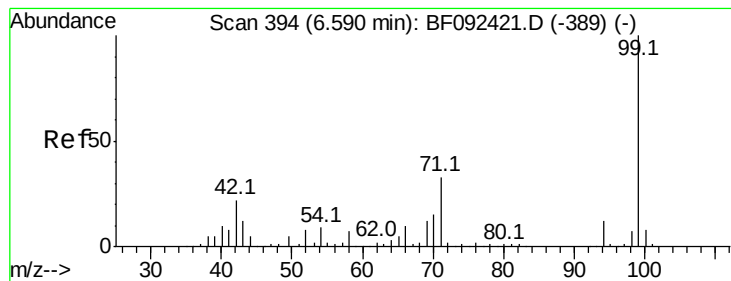


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.59 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

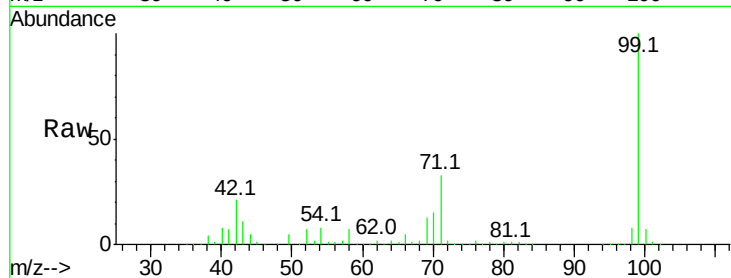
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1578777

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.6	23.4
71	33.4	27.5	41.3

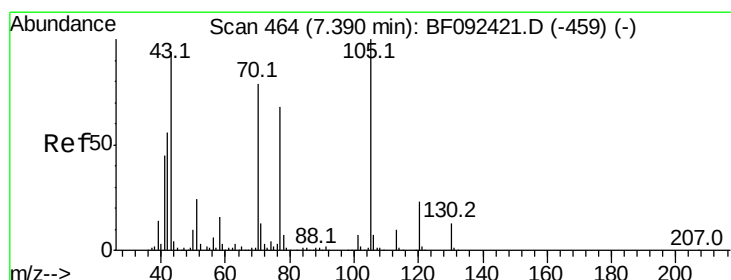
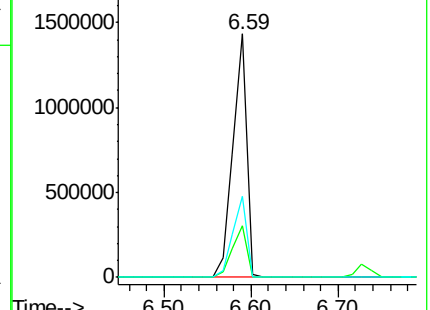
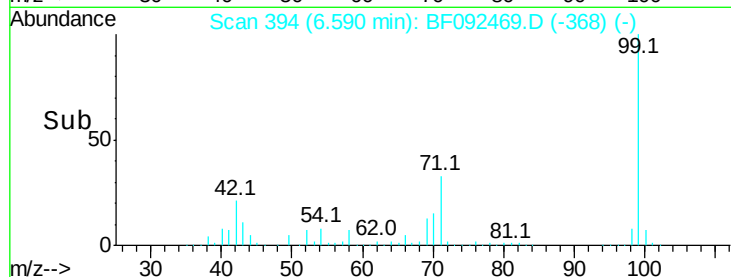


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 11.64 ng

RT: 7.53 min Scan# 476

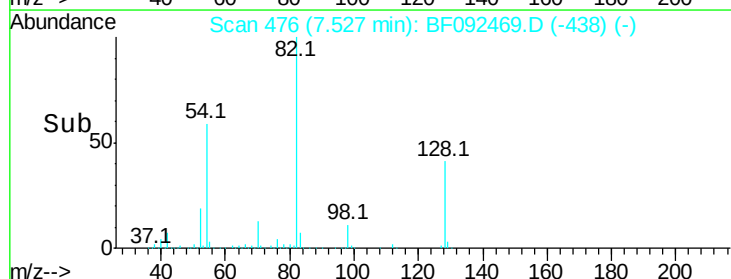
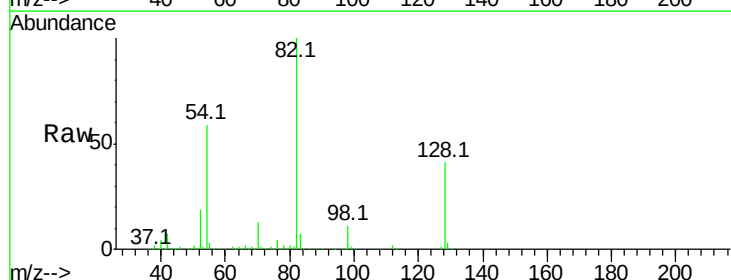
Delta R.T. 0.14 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

Tgt Ion: 70 Resp: 123232

Ion	Ratio	Lower	Upper
70	100		
42	53.8	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



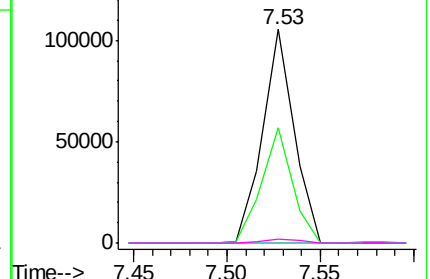
Abundance

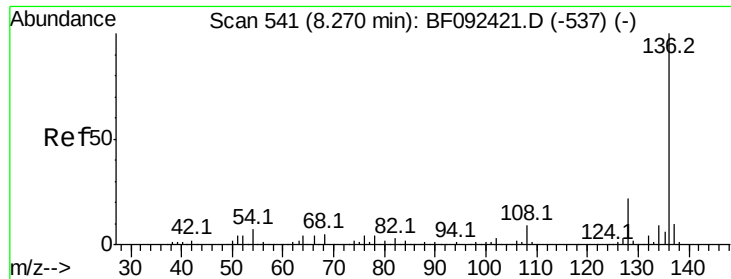
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

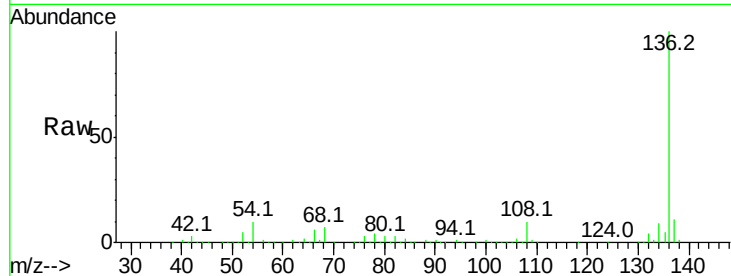




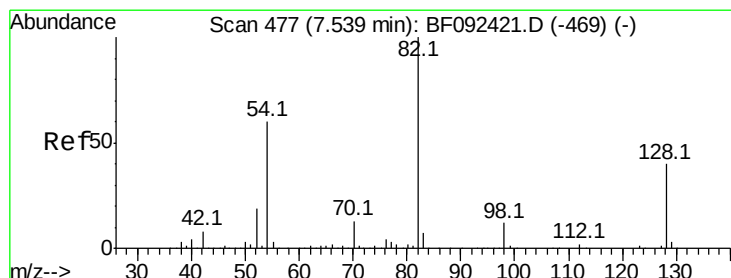
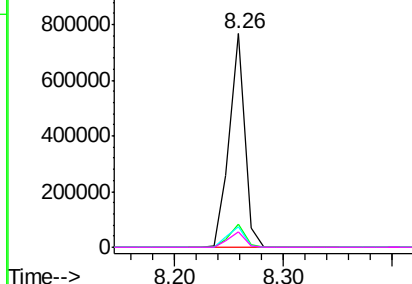
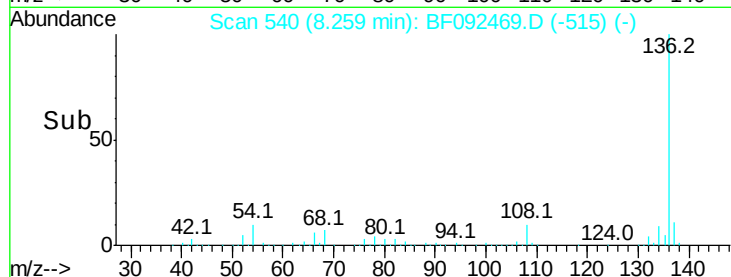
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092469.D
Acq: 25 Jan 2017 11:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	758850
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.9	4.5	6.7#
68	7.0	3.6	5.4#

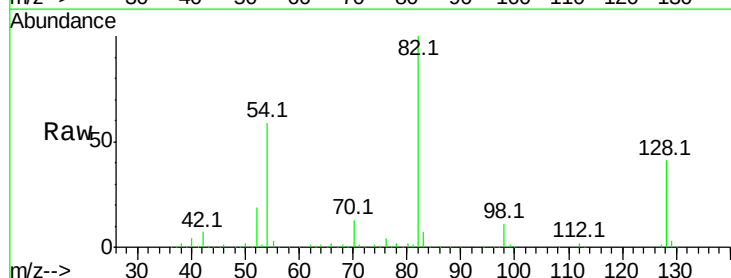


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

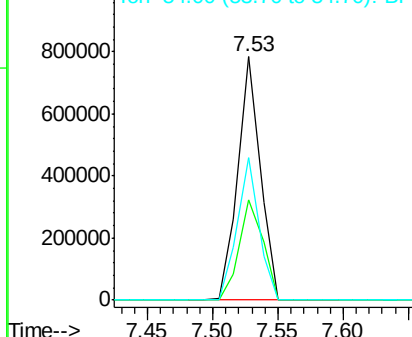
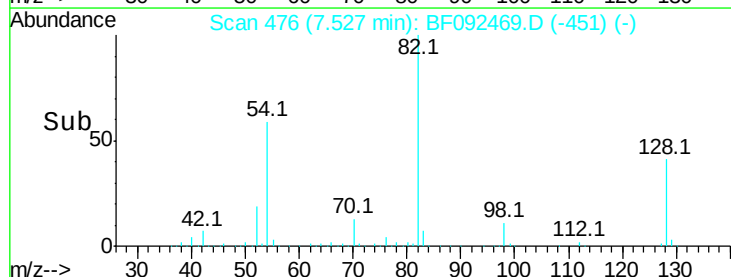


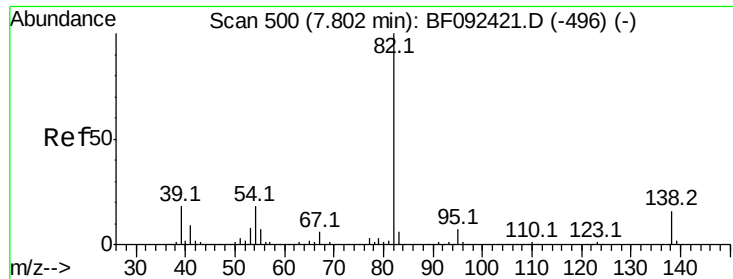
#23
Nitrobenzene-d5
Concen: 67.54 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092469.D
Acq: 25 Jan 2017 11:53

Tgt Ion:	82	Resp:	938240
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	58.6	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: 27.62 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

Instrument :

BNA_F

ClientSampled :

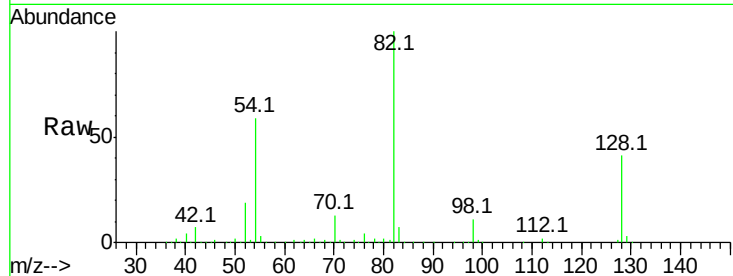
Tot Ion: 82 Resp: 756132

Ion Ratio Lower Upper

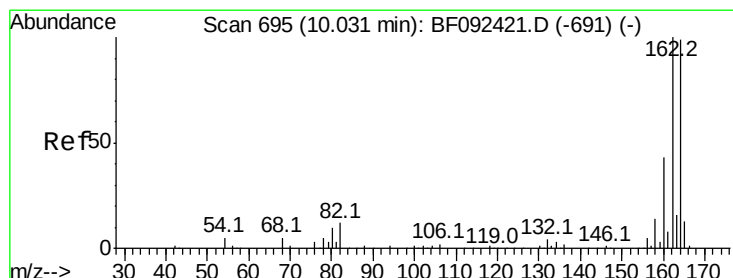
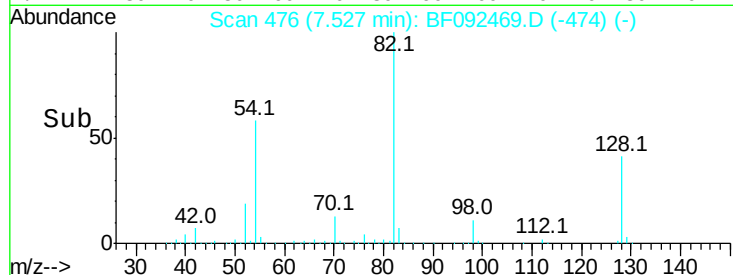
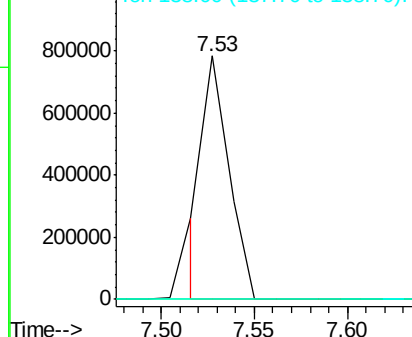
82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

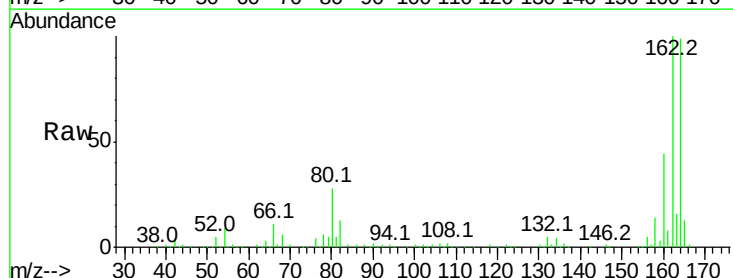
Tgt Ion:164 Resp: 409091

Ion Ratio Lower Upper

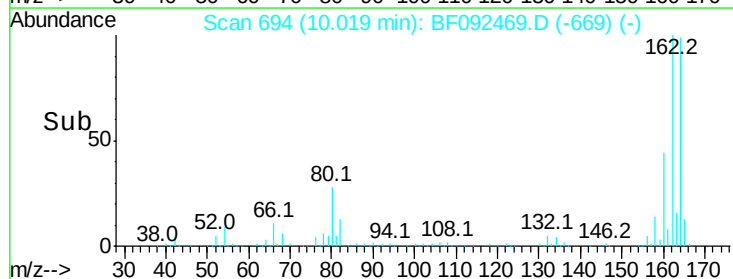
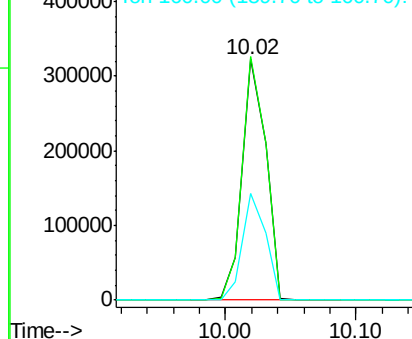
164 100

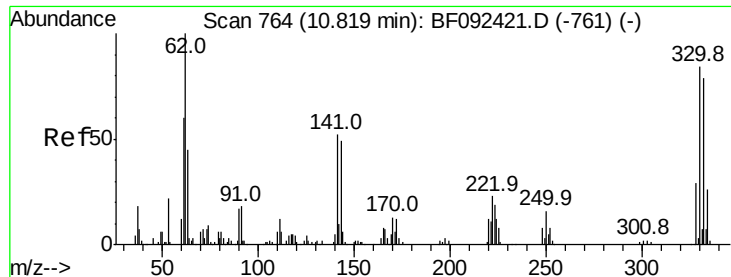
162 101.1 80.2 120.2

160 44.1 36.9 55.3



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: 120.57 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

Instrument :

BNA_F

ClientSampleId :

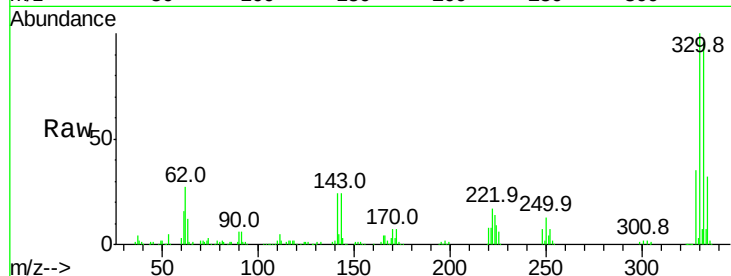
Tot Ion:330 Resp: 336117

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

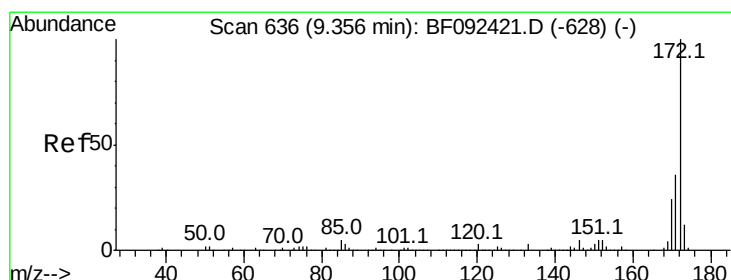
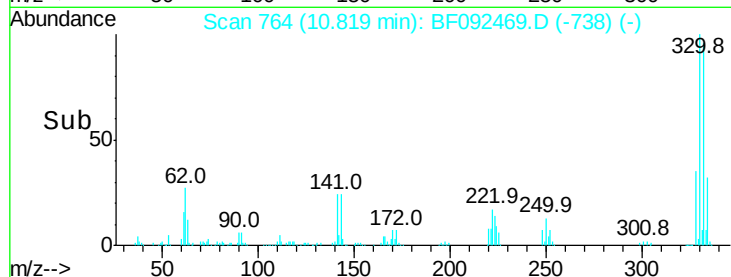
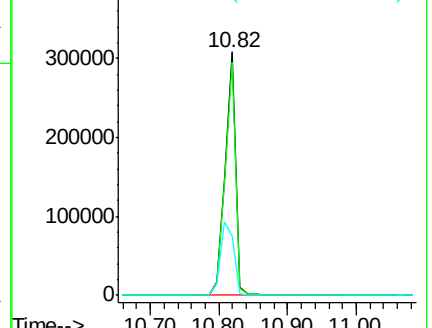
141 38.3 34.1 51.1



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: 73.60 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

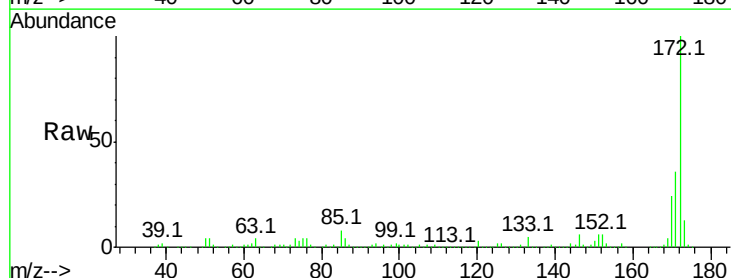
Tgt Ion:172 Resp: 1628170

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

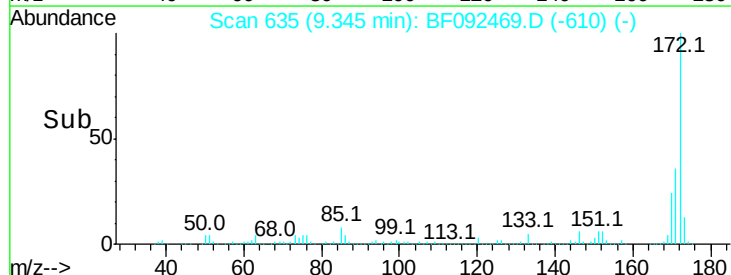
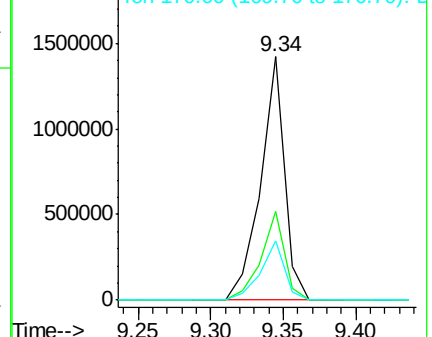
170 24.2 20.2 30.4

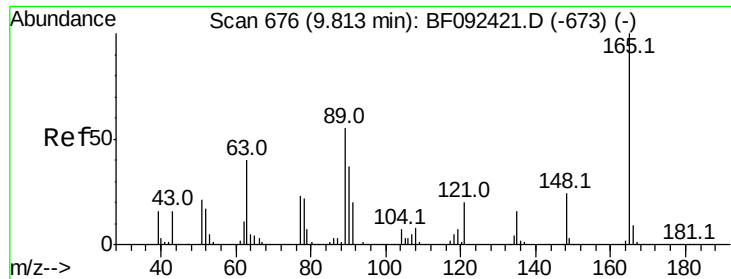


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

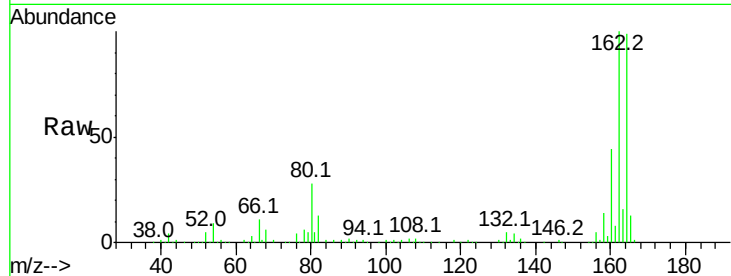




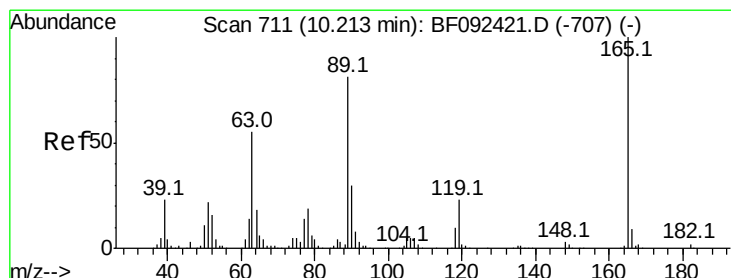
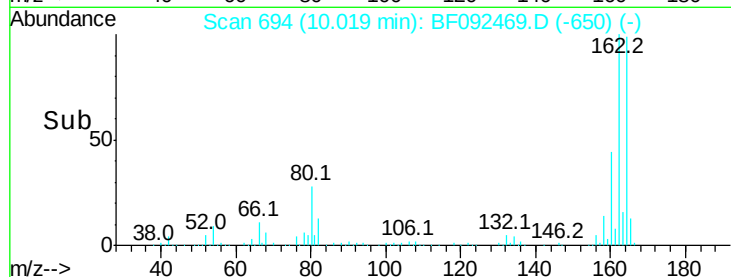
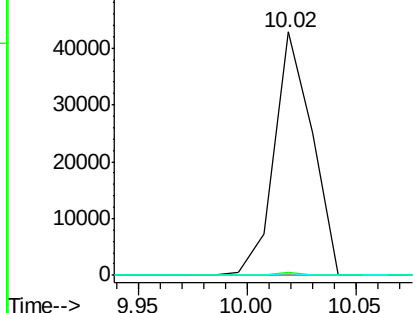
#50
2,6-Dinitrotoluene
Concen: 9.78 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.21 min
Lab File: BF092469.D
Acq: 25 Jan 2017 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	0.9	40.2	60.4#



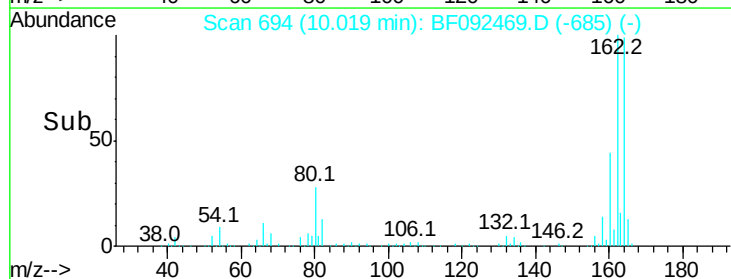
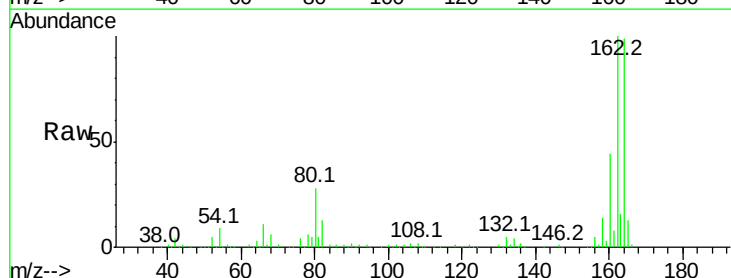
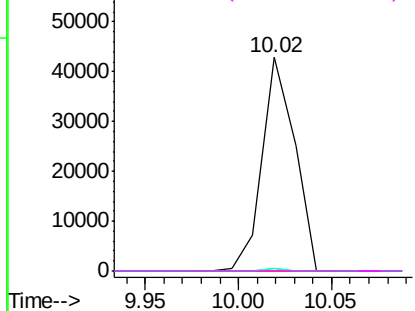
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

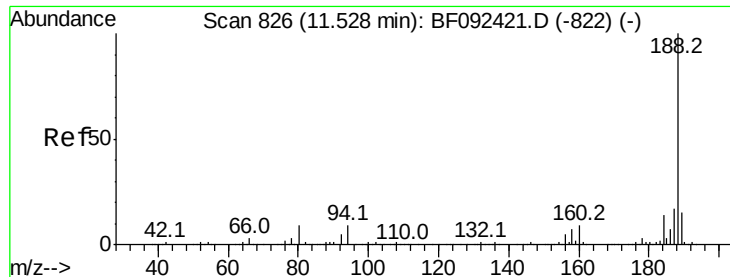


#56
2,4-Dinitrotoluene
Concen: 7.36 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.19 min
Lab File: BF092469.D
Acq: 25 Jan 2017 11:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

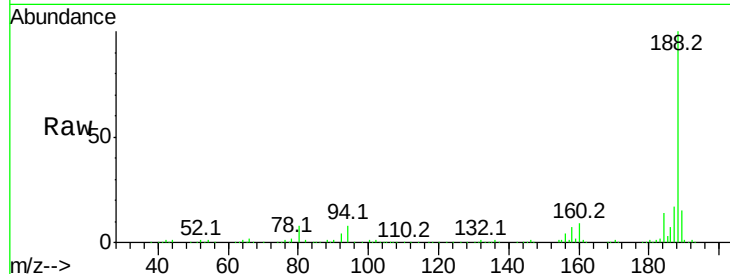




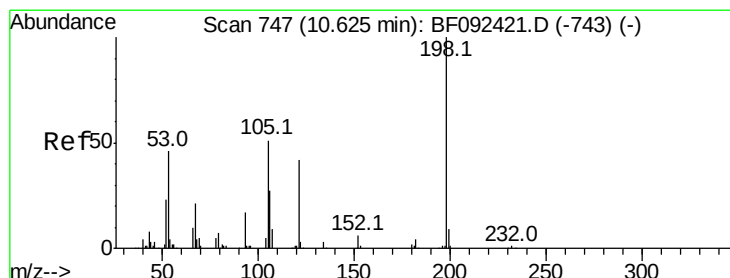
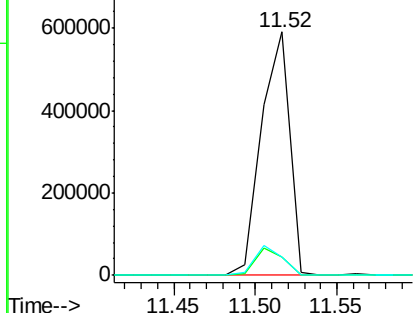
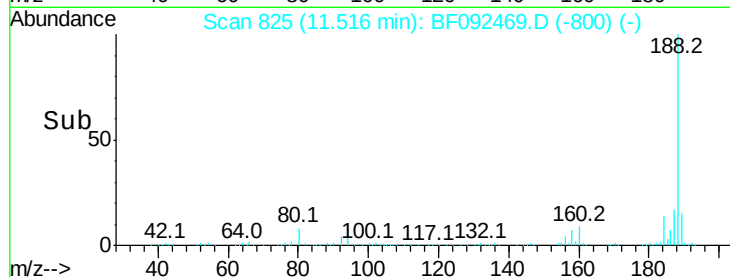
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092469.D
 Acq: 25 Jan 2017 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 712777
 Ion Ratio Lower Upper
 188 100
 94 7.8 10.0 15.0#
 80 7.7 11.2 16.8#

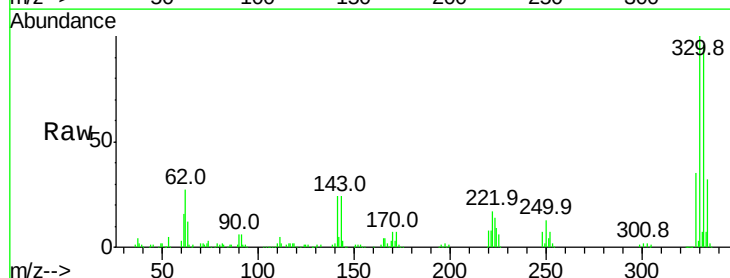


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

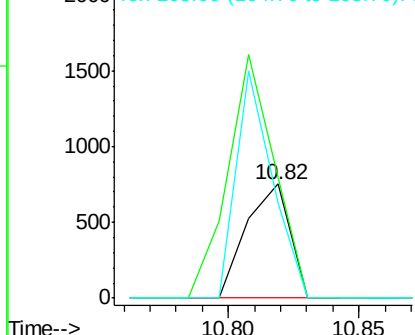
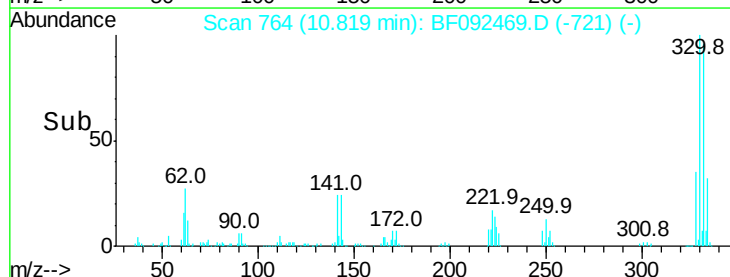


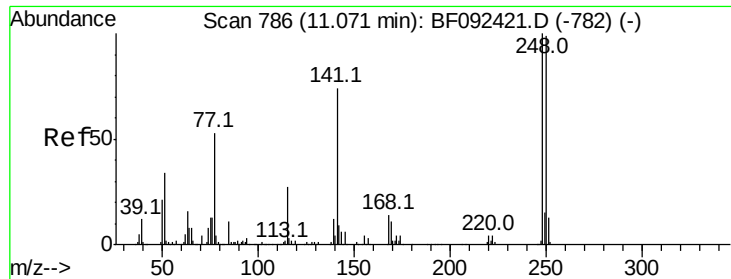
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.16 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092469.D
 Acq: 25 Jan 2017 11:53

Tgt Ion:198 Resp: 877
 Ion Ratio Lower Upper
 198 100
 51 105.9 6.7 46.7#
 105 83.6 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

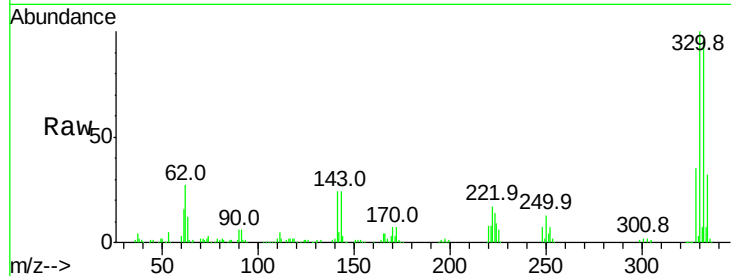




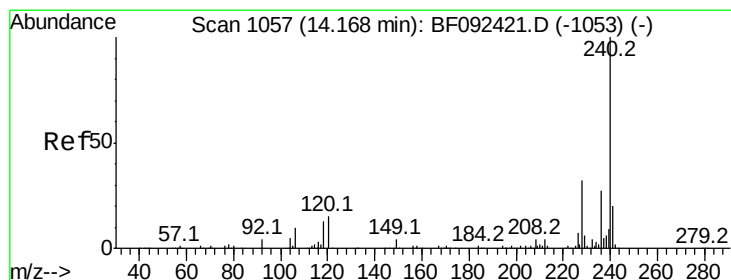
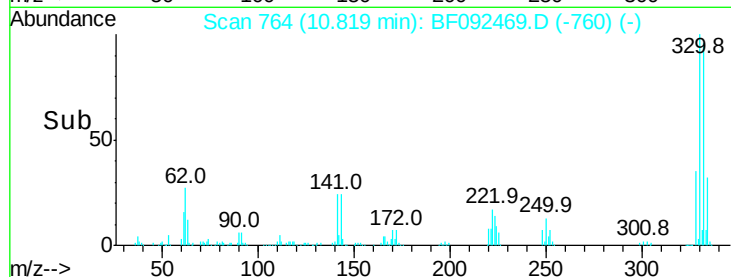
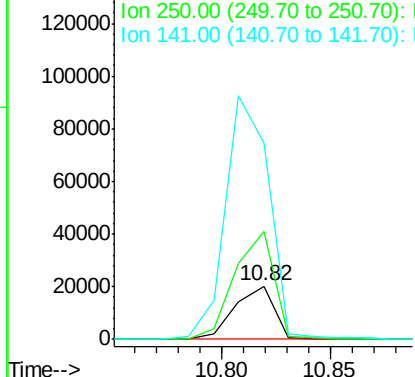
#66
 4-Bromophenyl-phenylether
 Concen: 3.52 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092469.D
 Acq: 25 Jan 2017 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 25302
 Ion Ratio Lower Upper
 248 100
 250 202.5 76.9 115.3#
 141 369.8 68.2 102.4#

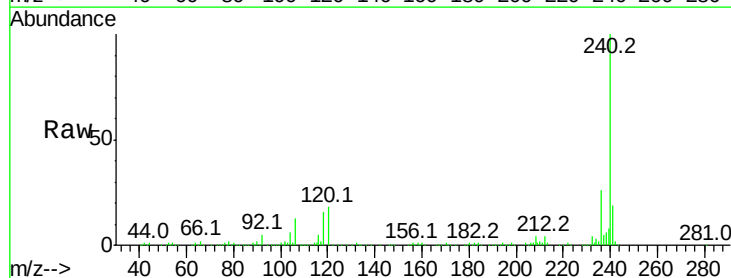


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

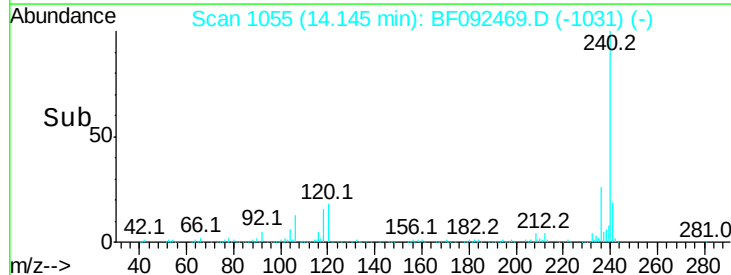
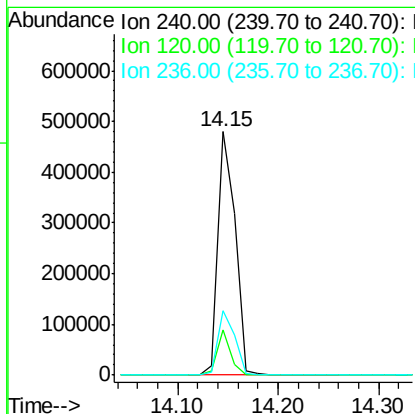


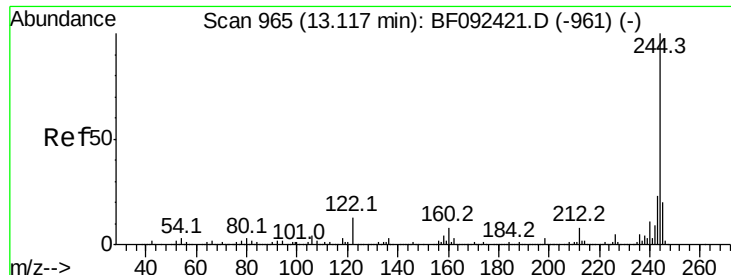
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF092469.D
 Acq: 25 Jan 2017 11:53

Tgt Ion:240 Resp: 571790
 Ion Ratio Lower Upper
 240 100
 120 18.4 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: 67.69 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

Instrument :

BNA_F

ClientSampleId :

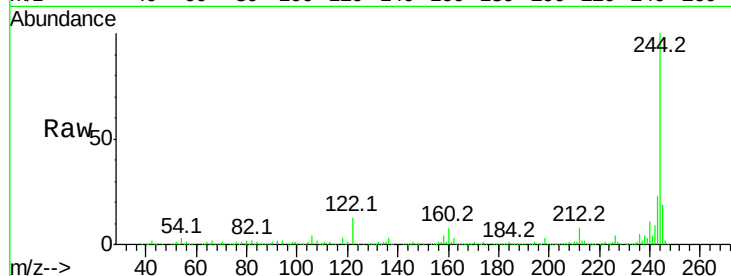
Tot Ion:244 Resp: 1453583

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

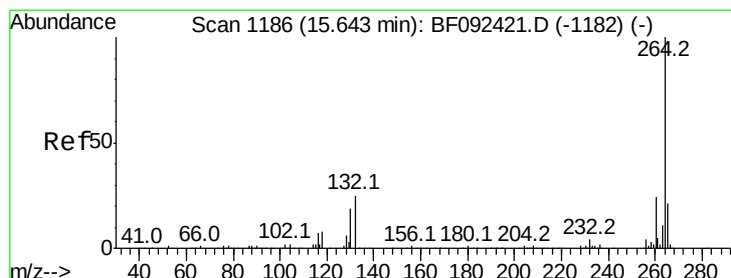
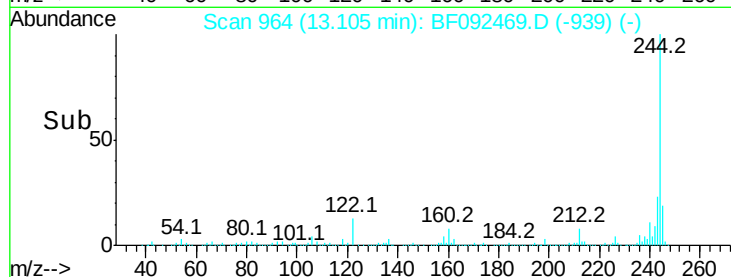
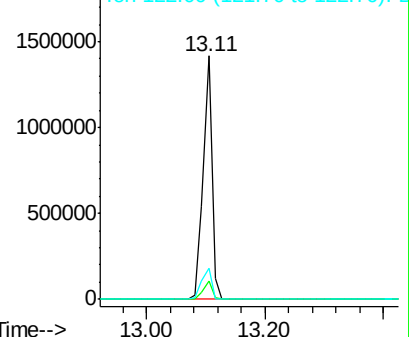
122 12.6 11.4 17.2



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: 15.63 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

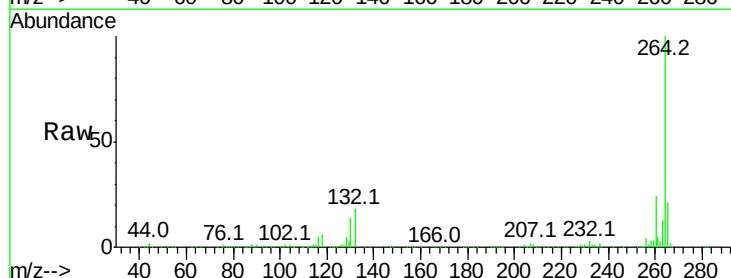
Tgt Ion:264 Resp: 490780

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.6 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

