

Data Path : Z:\HPCHEM1\BNA F\Data\BF021417\
 Data File : BF092936.D
 Acq On : 14 Feb 2017 11:43
 Operator : SJ/MA
 Sample : I1799-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 12:18:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

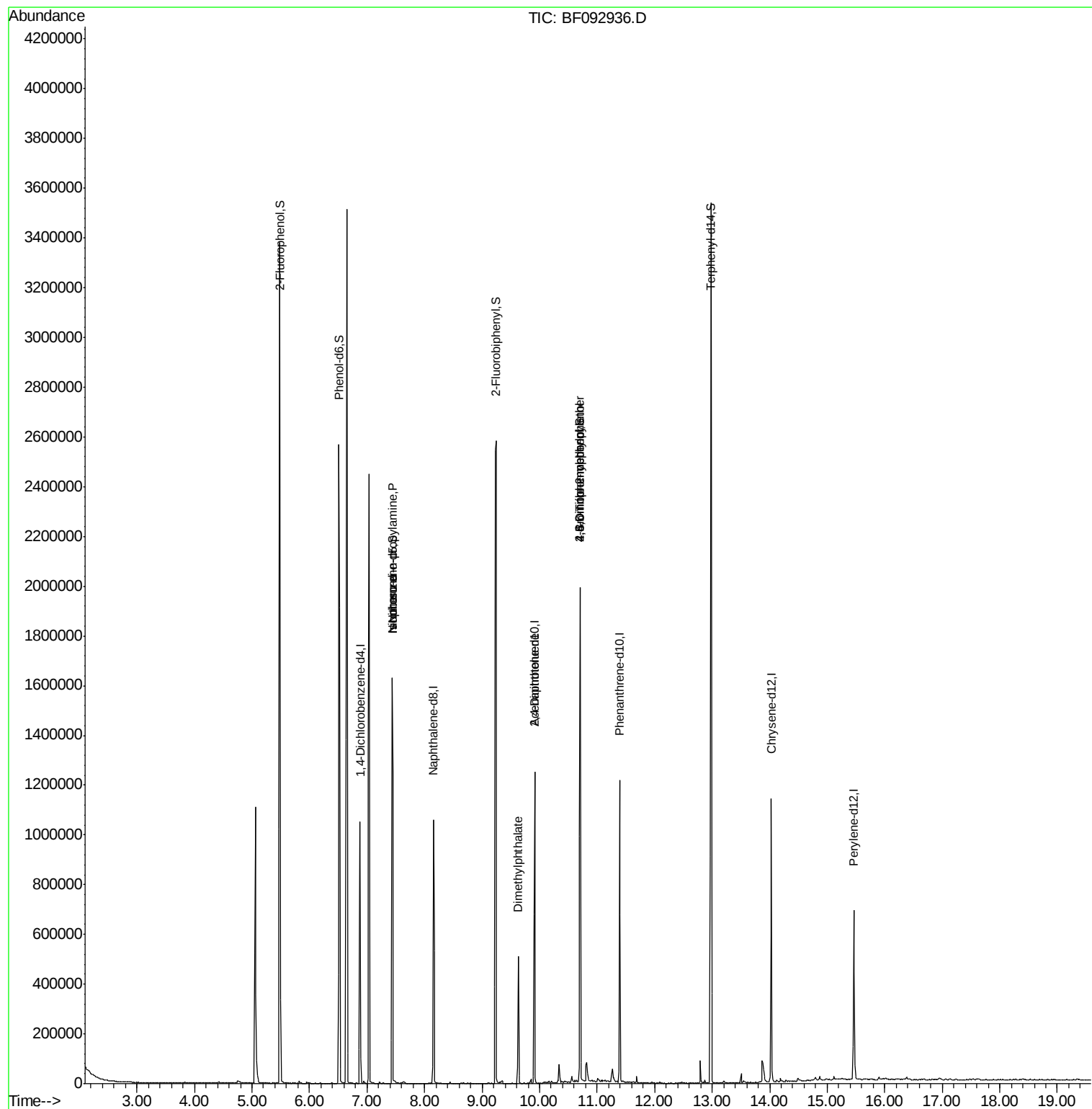
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	147222	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	567363	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	329304	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	540510	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	456932	20.00	ng	-0.02
86) Perylene-d12	15.46	264	324686	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	907714	105.78	ng	0.00
7) Phenol-d6	6.51	99	1226636	111.10	ng	-0.02
23) Nitrobenzene-d5	7.44	82	715894	70.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	247477	103.91	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1323689	72.82	ng	0.00
78) Terphenyl-d14	12.98	244	1068628	54.95	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	93644	13.32	ng	# 83
25) Isophorone	7.44	82	676312	35.62	ng	# 65
49) Dimethylphthalate	9.63	163	196866	8.88	ng	99
56) 2,4-Dinitrotoluene	9.92	165	41684	6.54	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.70	198	443	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	19124	3.39	ng	# 1

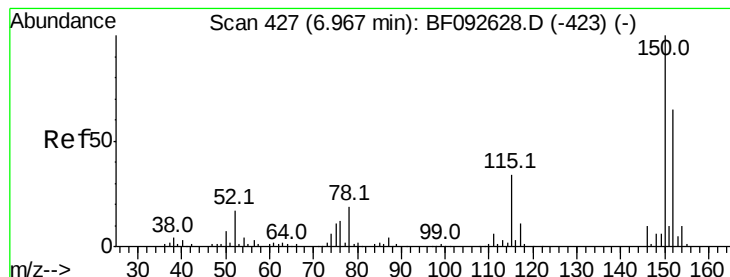
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF021417\
Data File : BF092936.D
Acq On : 14 Feb 2017 11:43
Operator : SJ/MA
Sample : I1799-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 14 12:18:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092936.D

Acq: 14 Feb 2017 11:43

Instrument :

BNA_F

ClientSampleId :

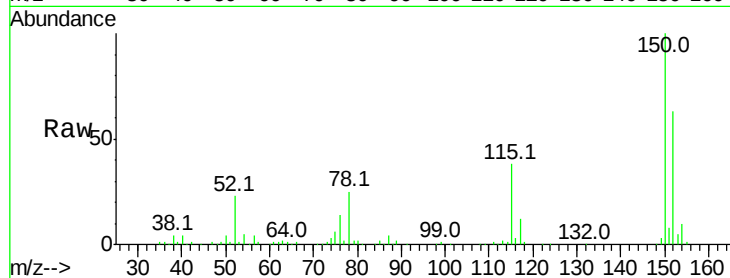
Tot Ion:152 Resp: 147222

Ion Ratio Lower Upper

152 100

150 158.9 124.9 187.3

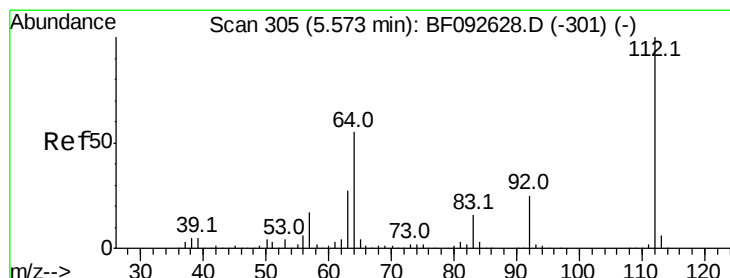
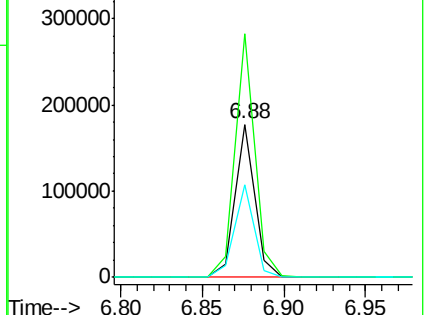
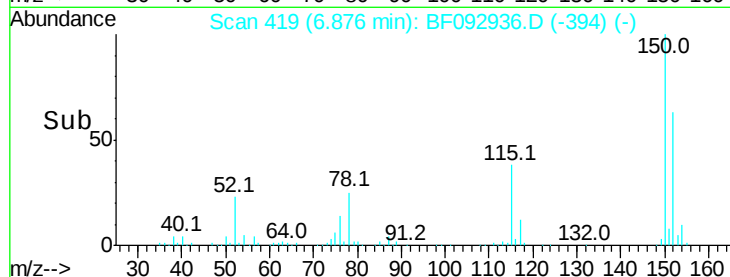
115 60.3 46.0 69.0



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: 105.78 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF092936.D

Acq: 14 Feb 2017 11:43

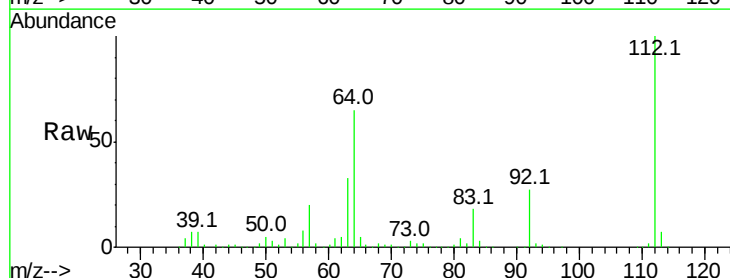
Tgt Ion:112 Resp: 907714

Ion Ratio Lower Upper

112 100

64 65.0 46.1 69.1

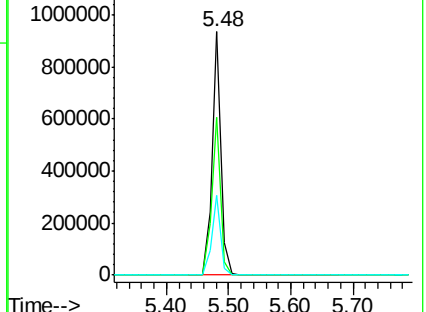
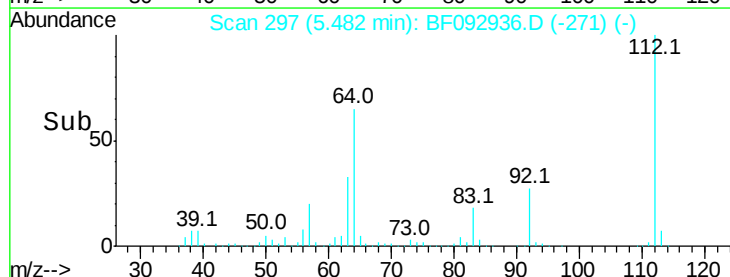
63 33.0 23.8 35.6

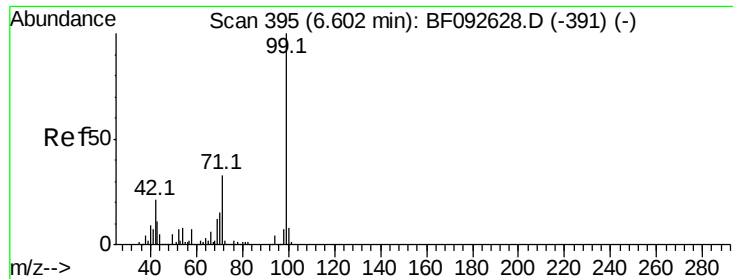


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.10 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092936.D

Acq: 14 Feb 2017 11:43

Instrument :

BNA_F

ClientSampled :

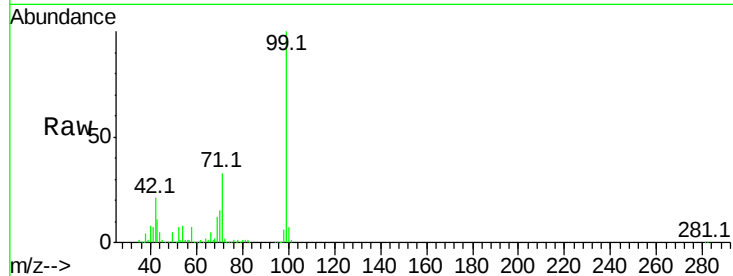
Tot Ion: 99 Resp: 1226636

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

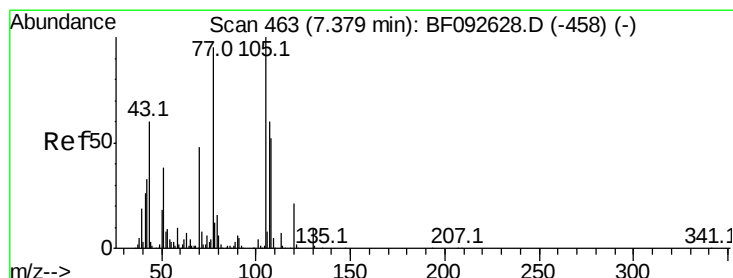
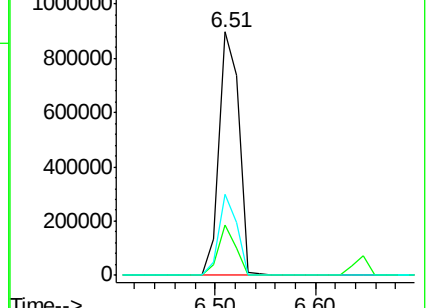
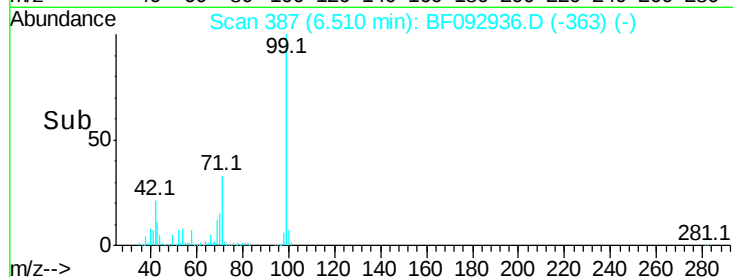
71 33.2 27.5 41.3



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: 13.32 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF092936.D

Acq: 14 Feb 2017 11:43

Tgt Ion: 70 Resp: 93644

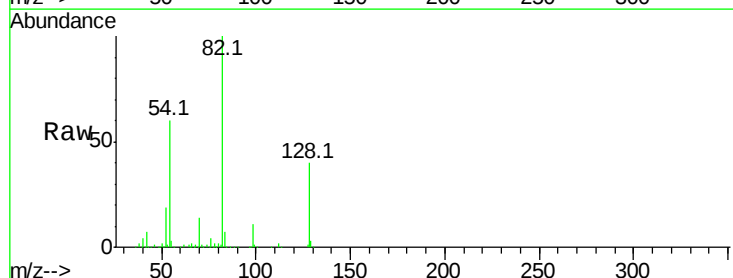
Ion Ratio Lower Upper

70 100

42 53.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

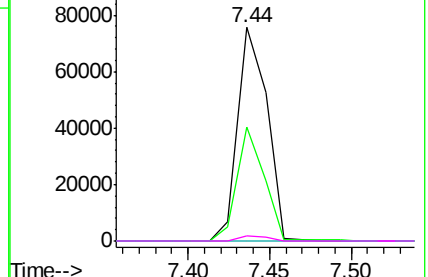
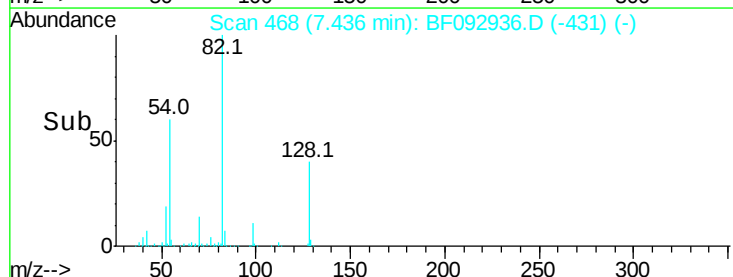


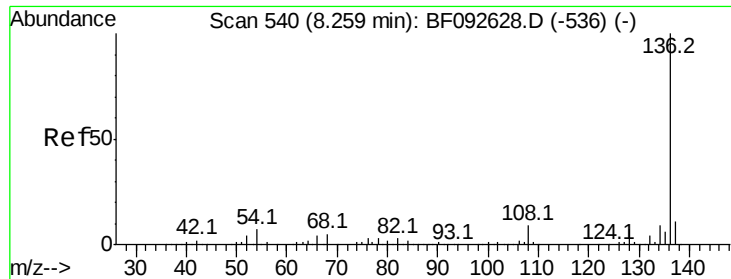
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

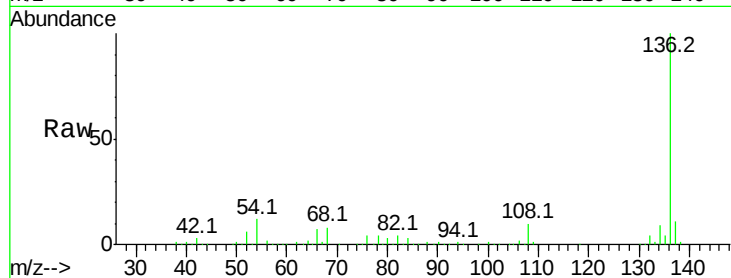




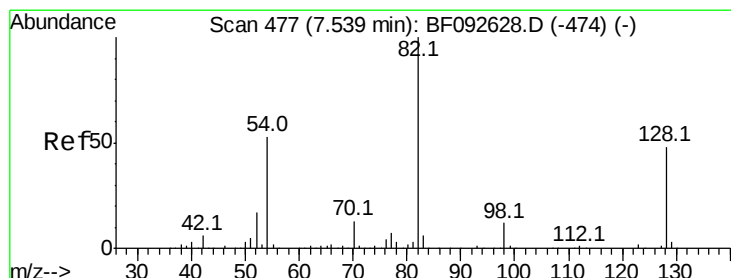
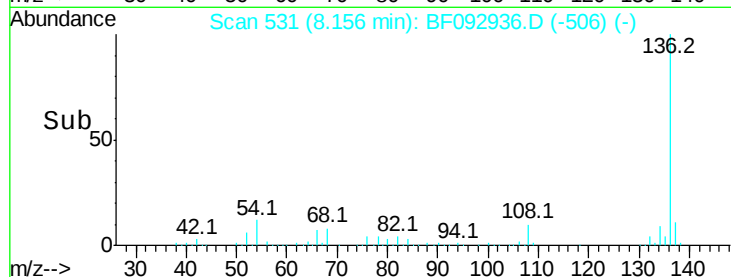
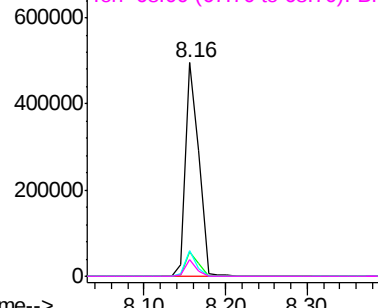
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092936.D
Acq: 14 Feb 2017 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	567363
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.4 12.6
54	11.8	4.5 6.7#
68	7.8	3.6 5.4#

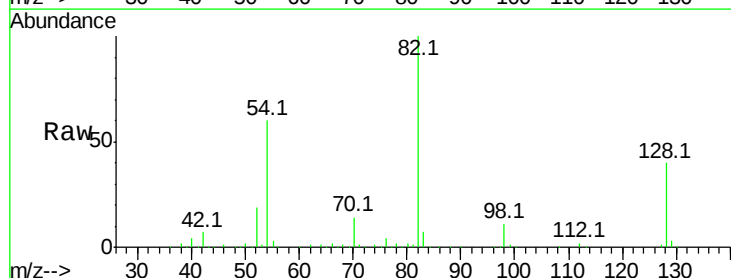


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

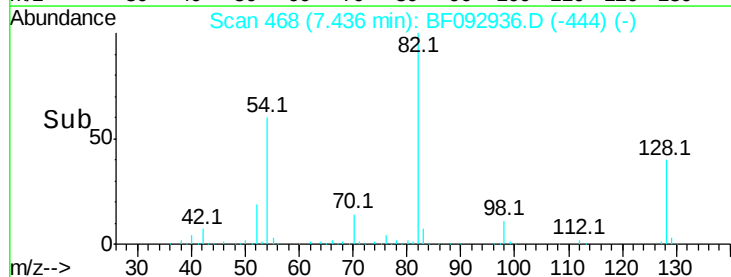
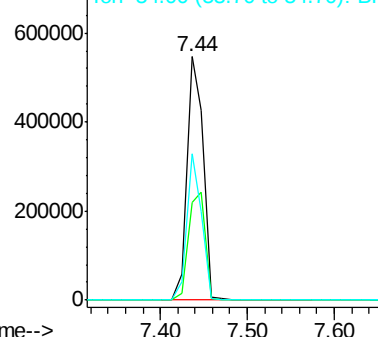


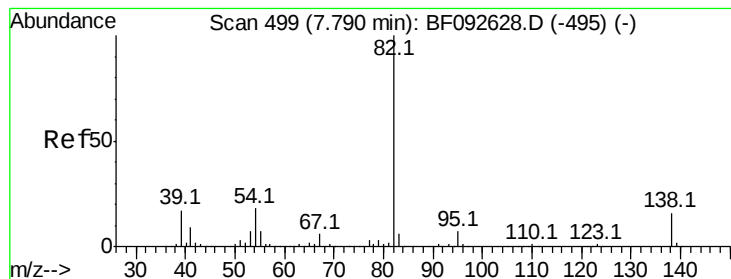
#23
Nitrobenzene-d5
Concen: 70.27 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092936.D
Acq: 14 Feb 2017 11:43

Tgt Ion: 82	Resp:	715894
Ion Ratio	Lower	Upper
82	100	
128	40.2	34.6 52.0
54	60.1	39.5 59.3#



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





#25

Isophorone

Concen: 35.62 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF092936.D

Acq: 14 Feb 2017 11:43

Instrument :

BNA_F

ClientSampled :

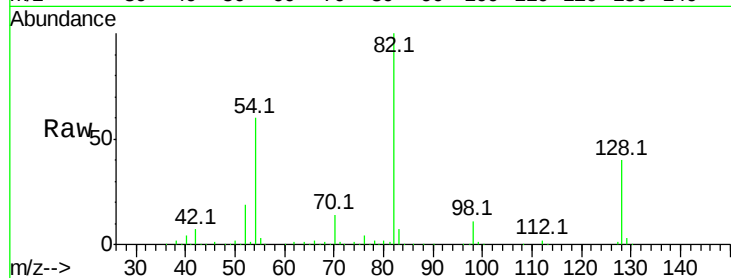
Tot Ion: 82 Resp: 676312

Ion Ratio Lower Upper

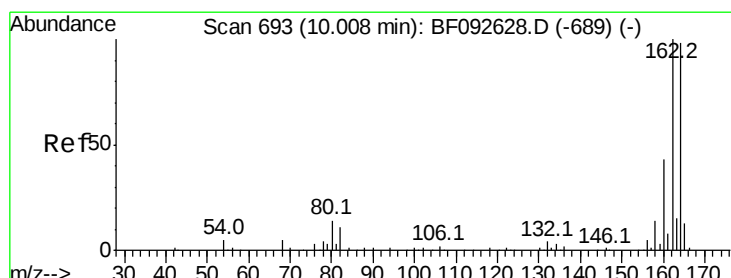
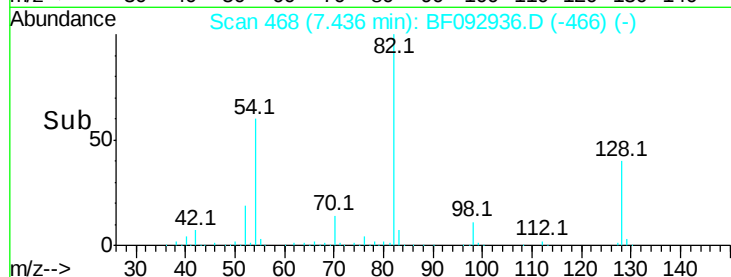
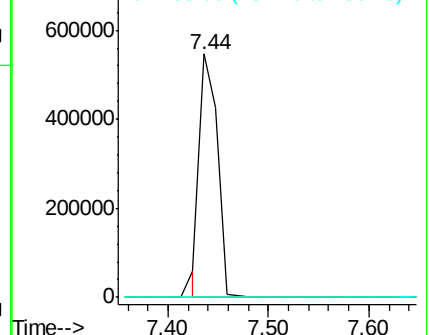
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF092936.D

Acq: 14 Feb 2017 11:43

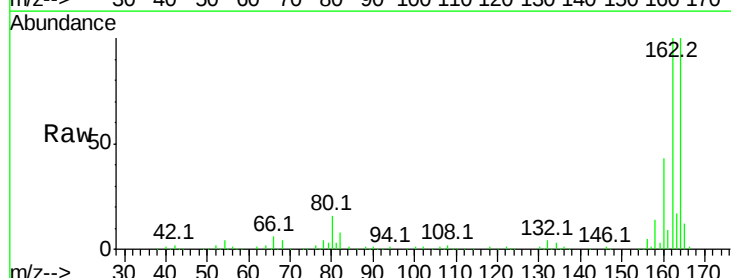
Tgt Ion:164 Resp: 329304

Ion Ratio Lower Upper

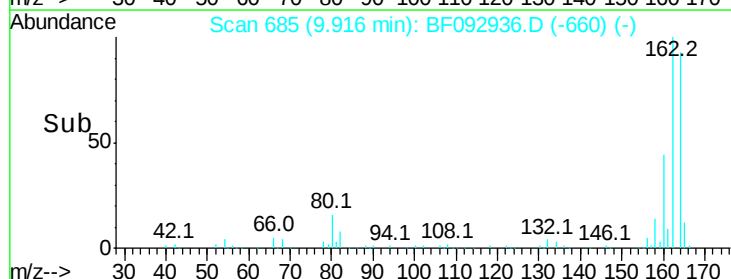
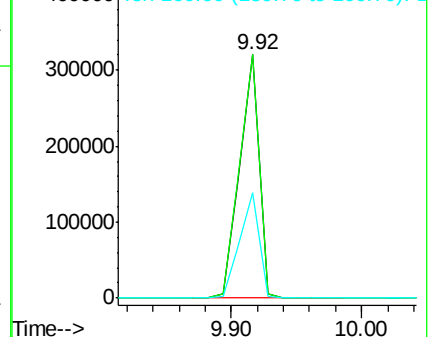
164 100

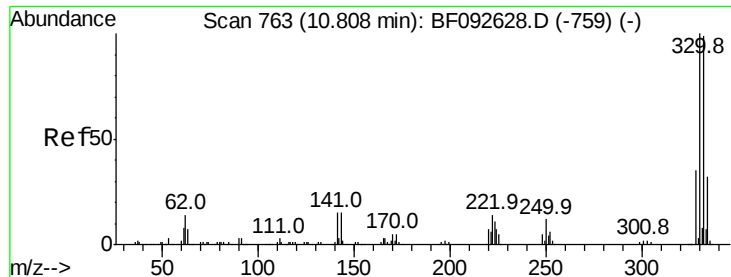
162 100.2 80.2 120.2

160 43.2 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

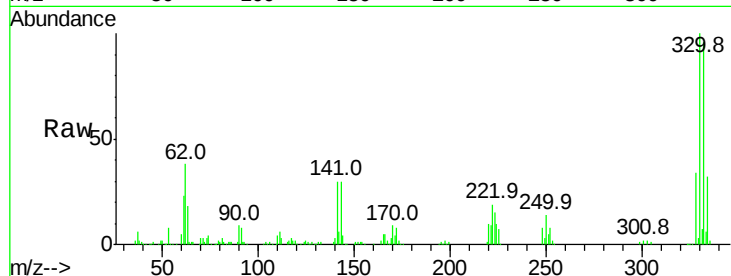




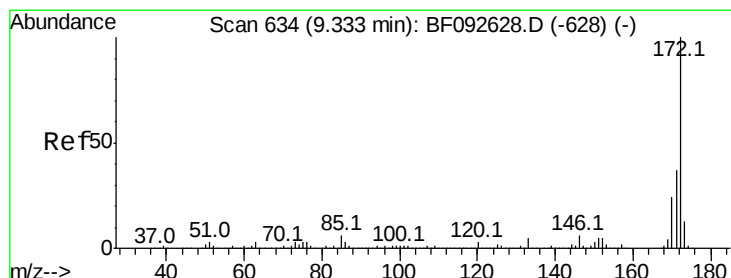
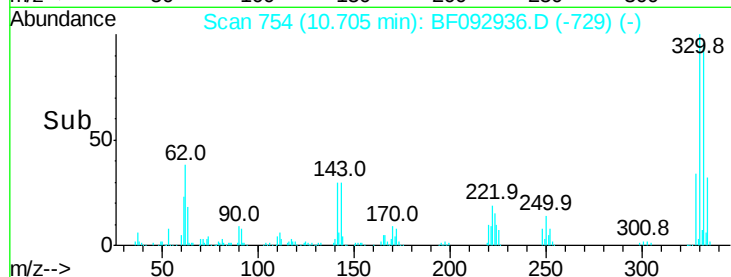
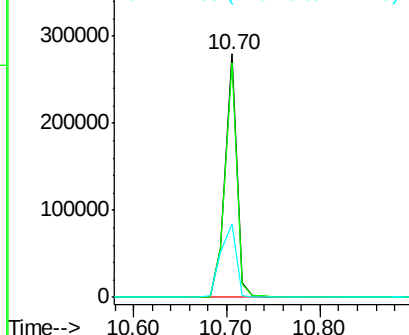
#41
 2,4,6-Tribromophenol
 Concen: 103.91 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092936.D
 Acq: 14 Feb 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	39.6	34.1	51.1

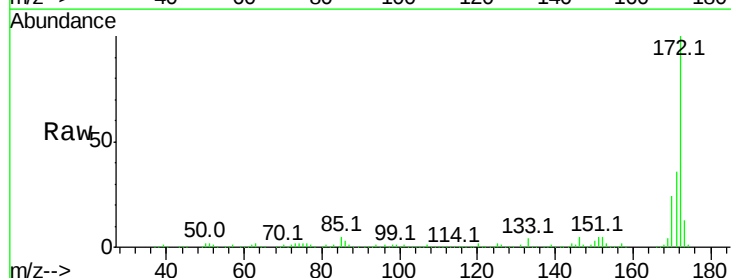


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

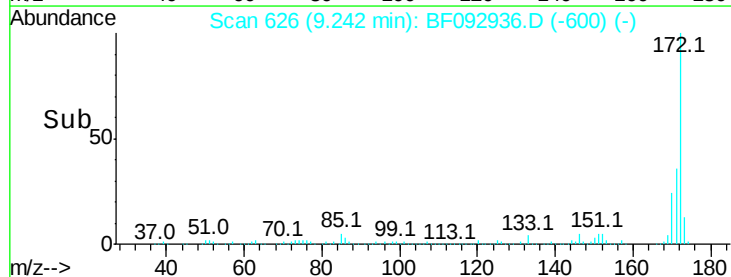
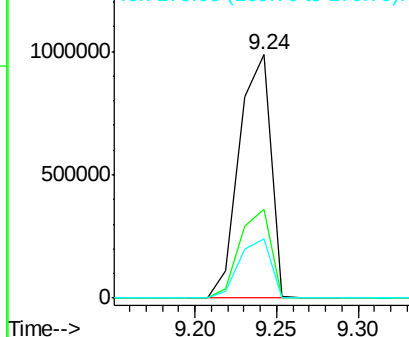


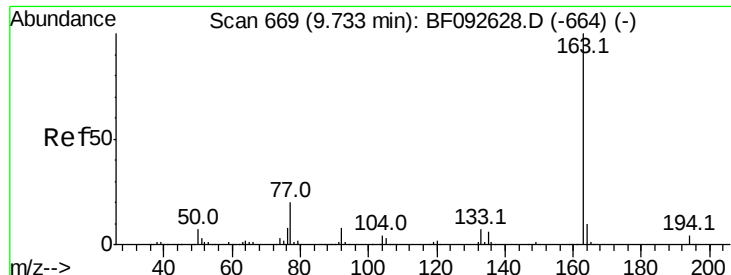
#44
 2-Fluorobiphenyl
 Concen: 72.82 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092936.D
 Acq: 14 Feb 2017 11:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.3	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

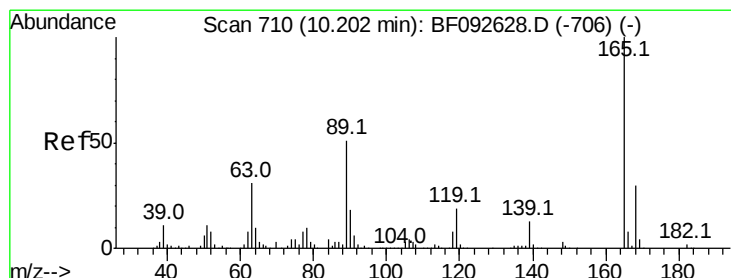
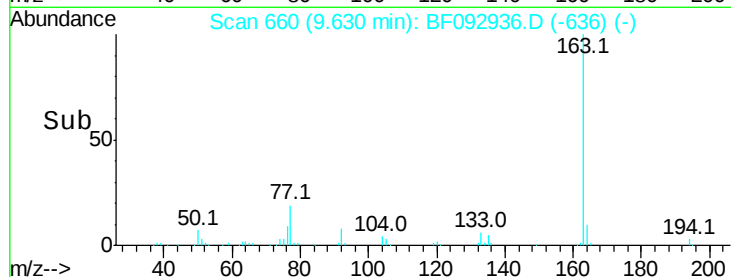
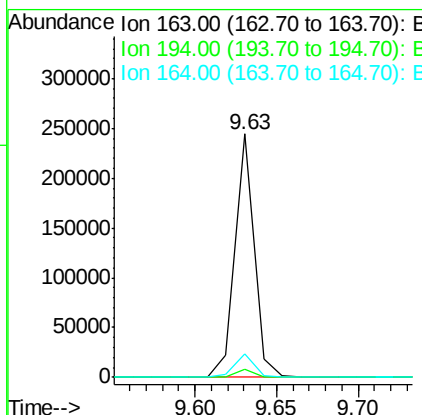
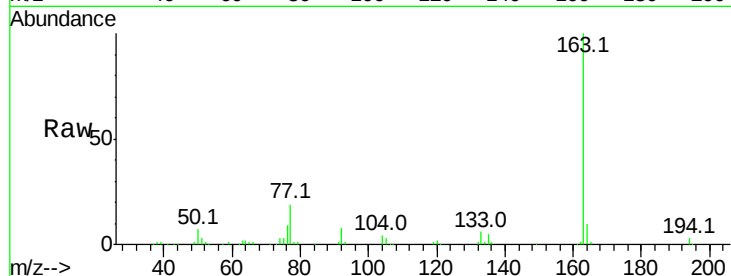




#49
Dimethylphthalate
Concen: 8.88 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092936.D
Acq: 14 Feb 2017 11:43

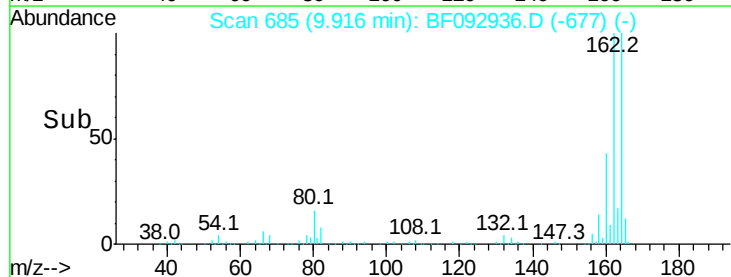
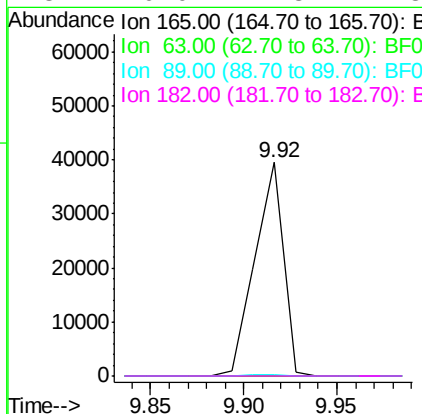
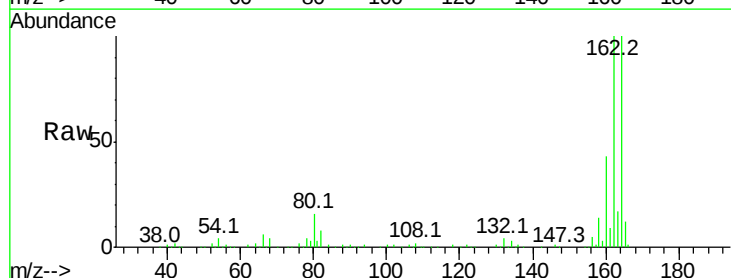
Instrument :
BNA_F
ClientSampled :

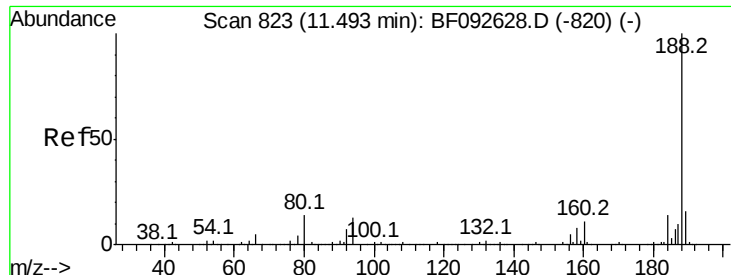
Tot Ion:163 Resp: 196866
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.6 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.21 min
Lab File: BF092936.D
Acq: 14 Feb 2017 11:43

Tgt Ion:165 Resp: 41684
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.4#
89 0.8 62.5 93.7#
182 0.0 1.8 2.8#

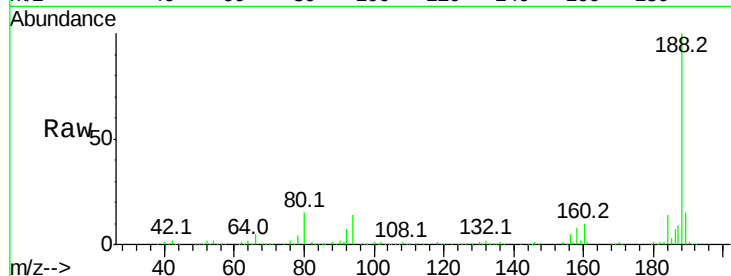




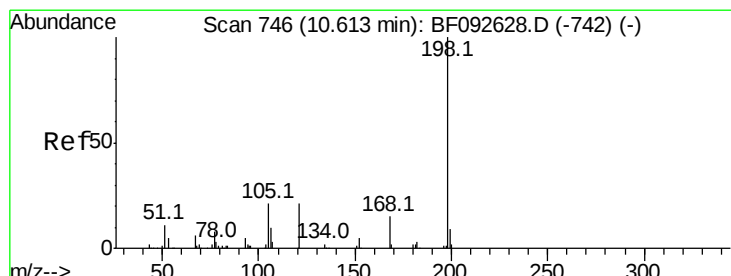
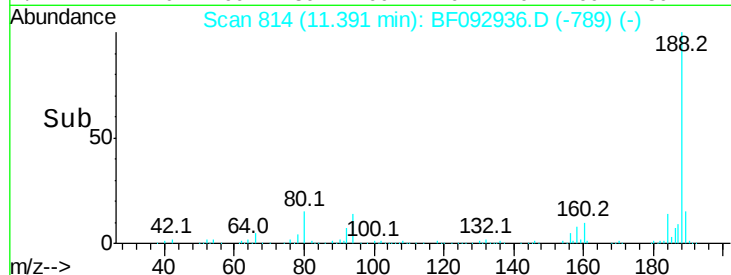
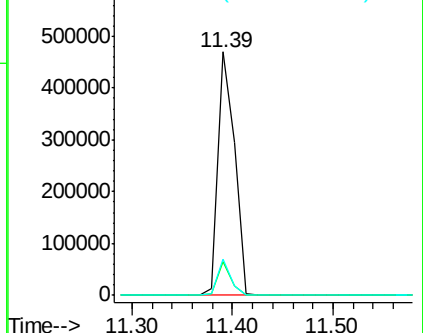
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092936.D
 Acq: 14 Feb 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 540510
 Ion Ratio Lower Upper
 188 100
 94 13.6 10.0 15.0
 80 14.8 11.2 16.8

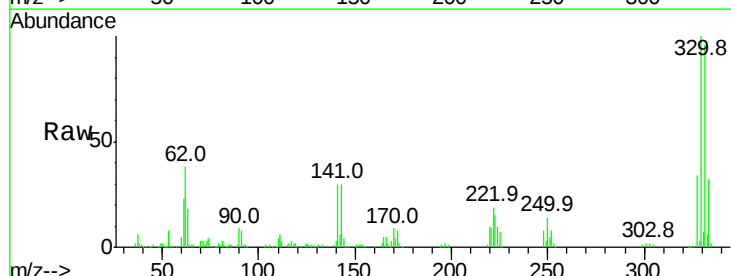


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

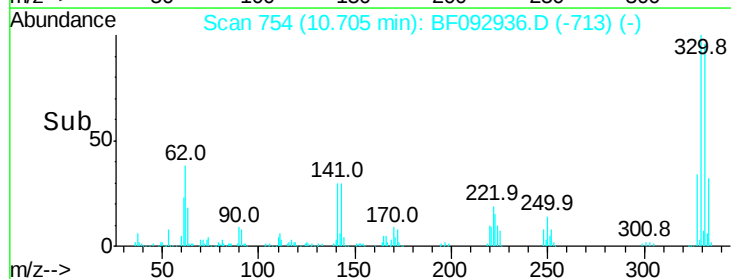
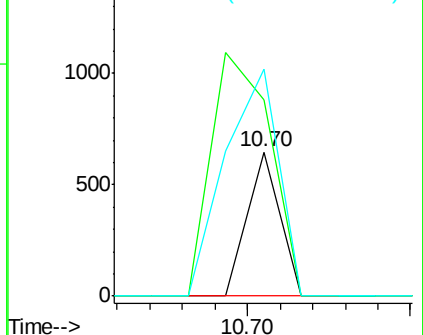


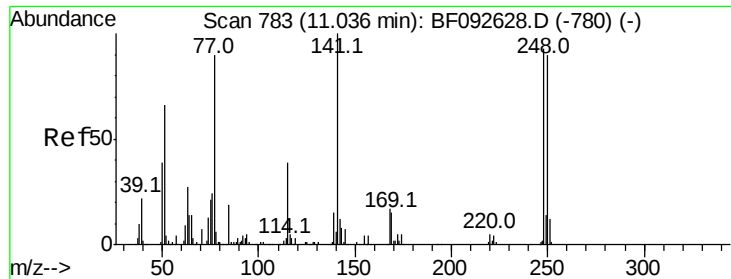
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.80 ng
 RT: 10.70 min Scan# 754
 Delta R.T. 0.17 min
 Lab File: BF092936.D
 Acq: 14 Feb 2017 11:43

Tgt Ion:198 Resp: 443
 Ion Ratio Lower Upper
 198 100
 51 136.8 6.7 46.7#
 105 157.7 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: 3.39 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF092936.D

Acq: 14 Feb 2017 11:43

Instrument :

BNA_F

ClientSampleId :

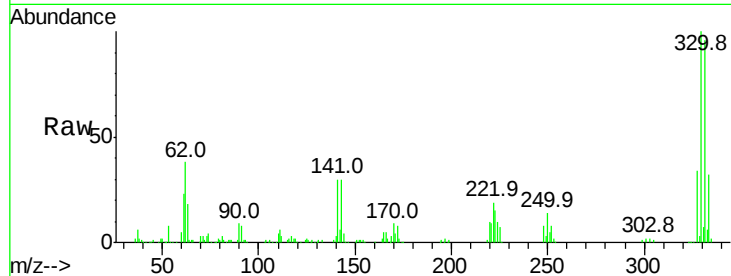
Tot Ion:248 Resp: 19124

Ion Ratio Lower Upper

248 100

250 188.9 76.9 115.3#

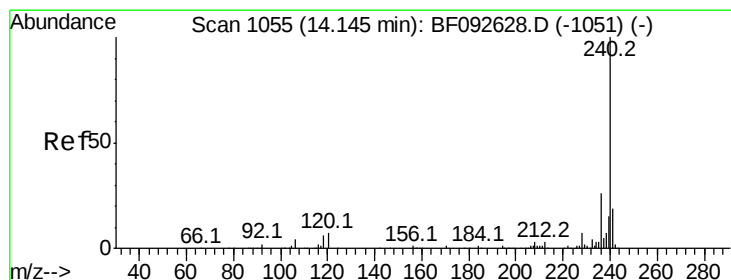
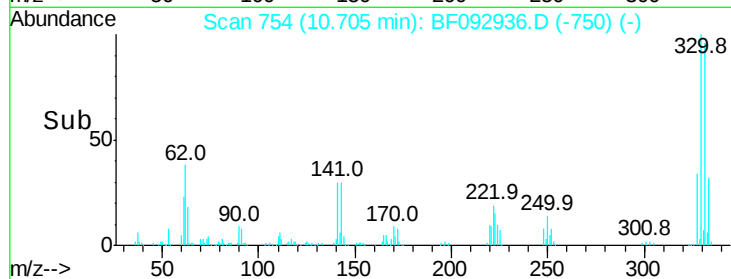
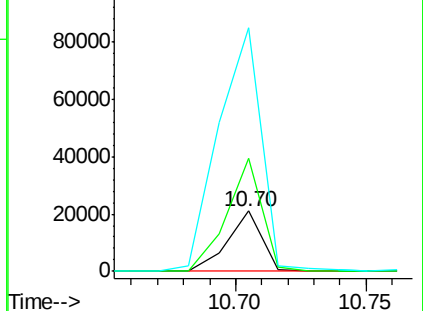
141 404.7 68.2 102.4#



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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092936.D

Acq: 14 Feb 2017 11:43

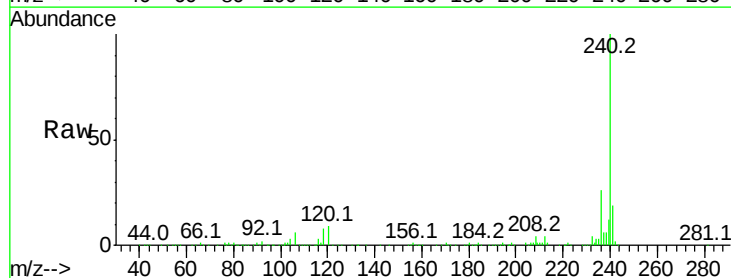
Tgt Ion:240 Resp: 456932

Ion Ratio Lower Upper

240 100

120 9.2 12.9 19.3#

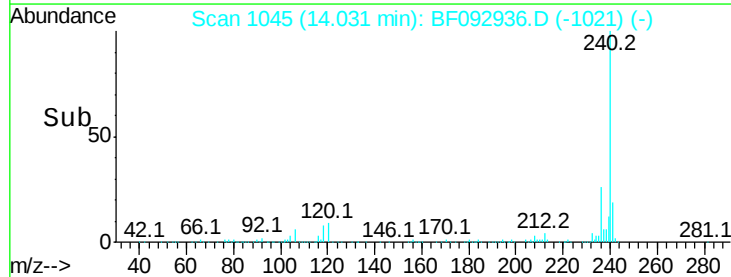
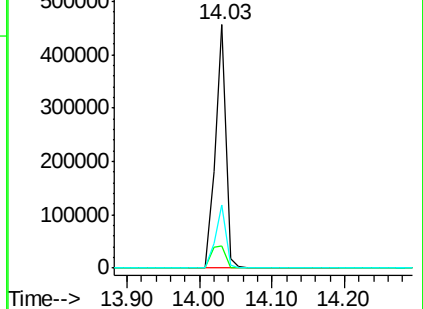
236 25.7 20.9 31.3

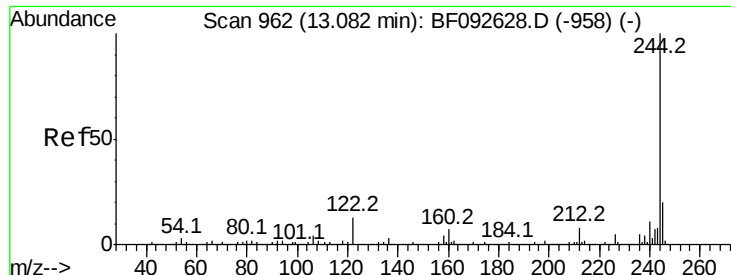


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

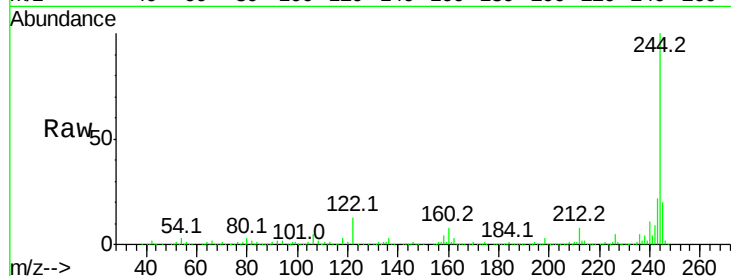




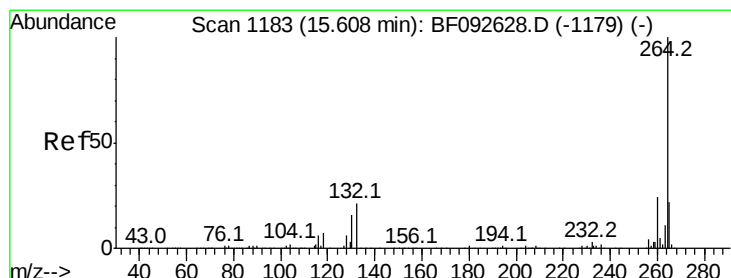
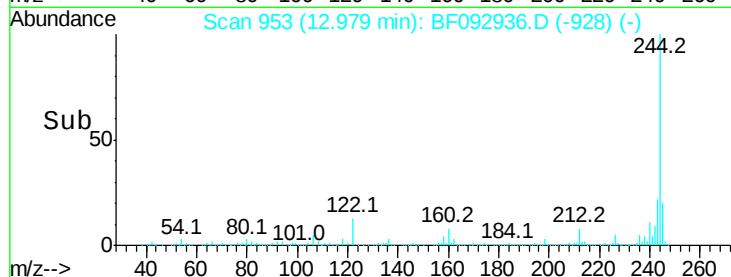
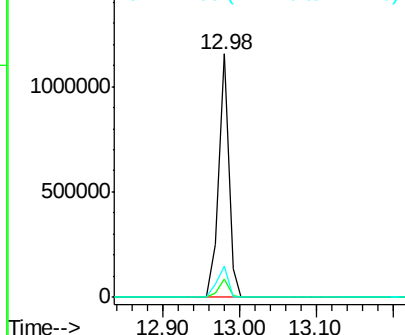
#78
 Terphenyl-d14
 Concen: 54.95 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092936.D
 Acq: 14 Feb 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1068628
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.0 11.4 17.2

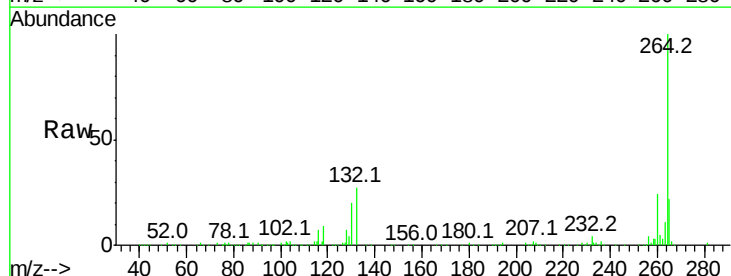


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092936.D
 Acq: 14 Feb 2017 11:43

Tgt Ion:264 Resp: 324686
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.9 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

