

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030717\
 Data File : BF093427.D
 Acq On : 7 Mar 2017 19:07
 Operator : SJ/MA
 Sample : I2124-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030317-PRRT-E-U-M

Quant Time: Mar 08 00:31:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

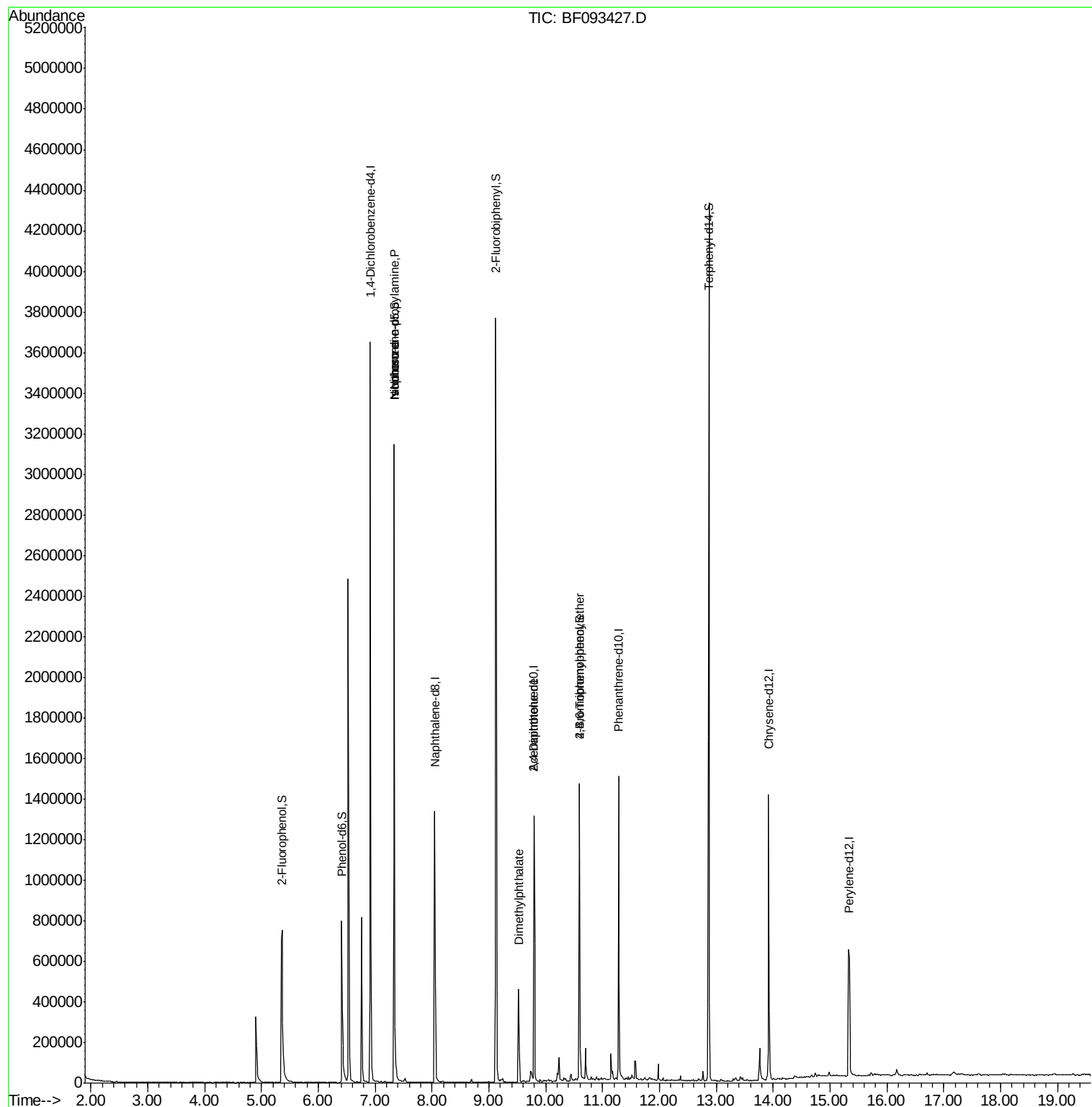
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	544559	20.00	ng	0.15
21) Naphthalene-d8	8.05	136	635737	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	295261	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	562258	20.00	ng	0.00
75) Chrysene-d12	13.92	240	478065	20.00	ng	0.00
86) Perylene-d12	15.34	264	351619	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	413343	12.63	ng	0.01
7) Phenol-d6	6.41	99	326027	7.90	ng	0.00
23) Nitrobenzene-d5	7.34	82	1105102	96.45	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	219335	114.02	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1651069	104.01	ng	-0.01
78) Terphenyl-d14	12.87	244	1399727	76.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	1145	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	148496	5.23 ng	#	81
25) Isophorone	7.34	82	1100245	47.62 ng	#	65
49) Dimethylphthalate	9.52	163	195365	9.98 ng	#	99
56) 2,4-Dinitrotoluene	9.80	165	37993	7.20 ng	#	20
66) 4-Bromophenyl-phenylether	10.60	248	16730	2.81 ng	#	1

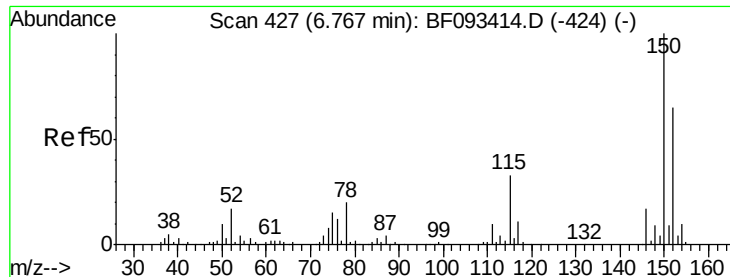
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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030317-PRRT-E-U-M

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QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 440

Delta R.T. 0.15 min

Lab File: BF093427.D

Acq: 7 Mar 2017 19:07

Instrument :

BNA_F

ClientSampleId :

030317-PRRT-E-U-M

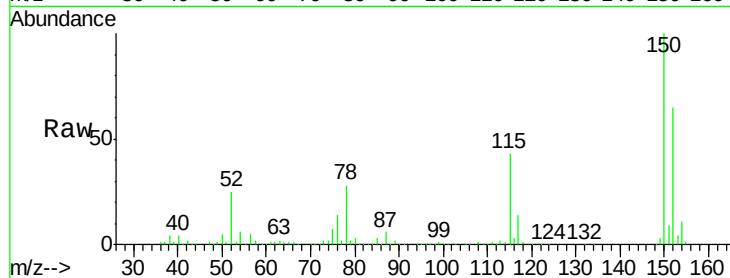
Tgt Ion:152 Resp: 544559

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

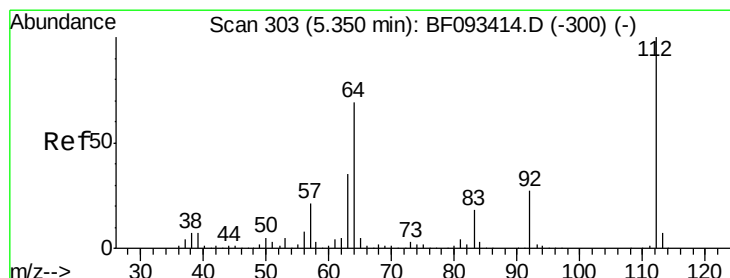
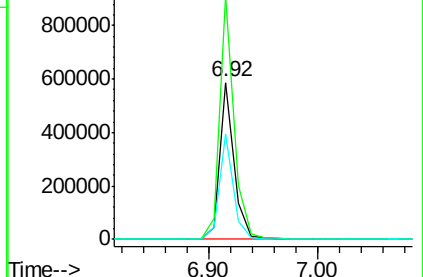
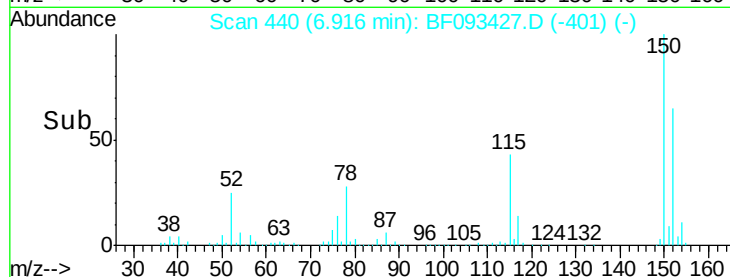
115 67.1 46.0 69.0



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: 12.63 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093427.D

Acq: 7 Mar 2017 19:07

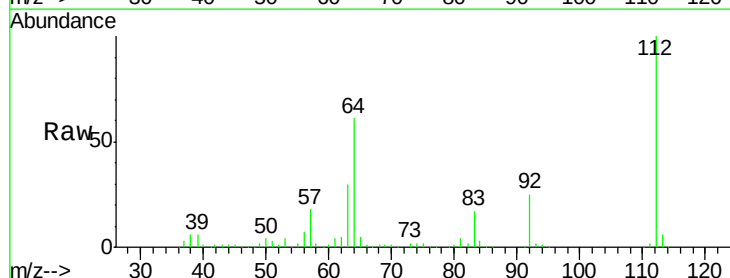
Tgt Ion:112 Resp: 413343

Ion Ratio Lower Upper

112 100

64 61.3 46.1 69.1

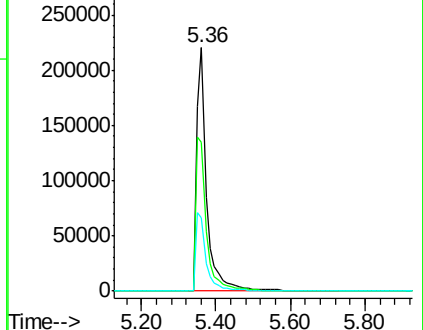
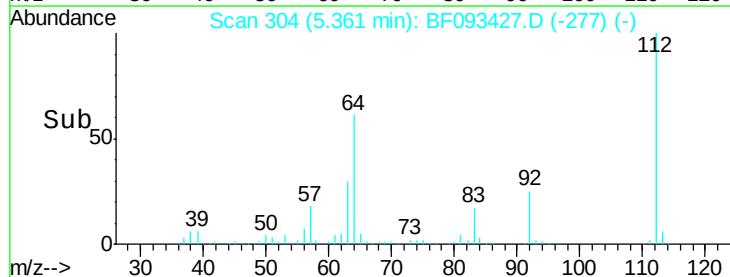
63 30.2 23.8 35.6

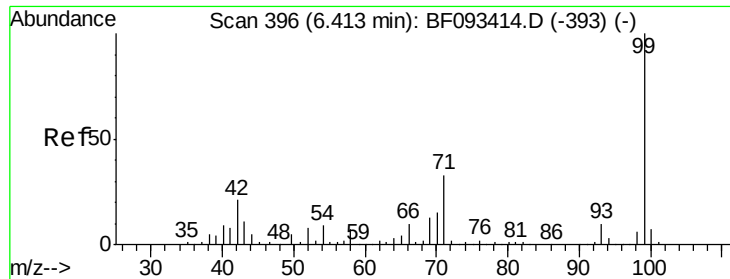


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.90 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093427.D

Acq: 7 Mar 2017 19:07

Instrument :

BNA_F

ClientSampleId :

030317-PRRT-E-U-M

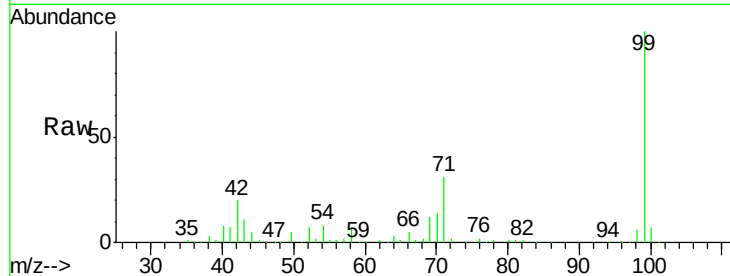
Tgt Ion: 99 Resp: 326027

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

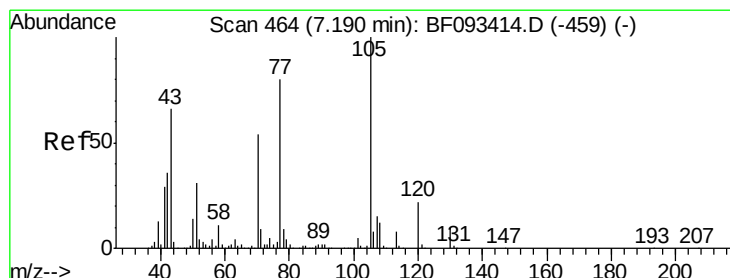
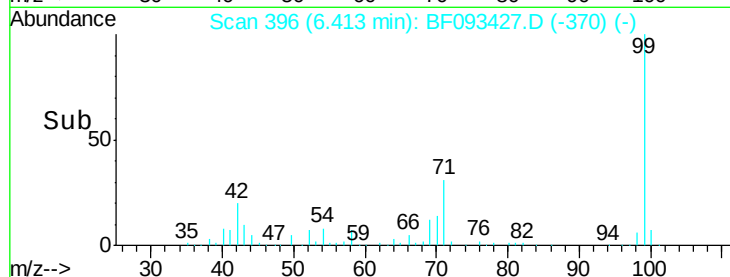
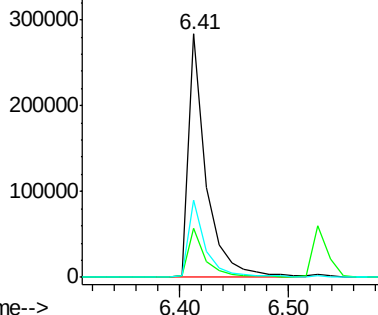
71 31.5 27.5 41.3



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: 5.23 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093427.D

Acq: 7 Mar 2017 19:07

Tgt Ion: 70 Resp: 148496

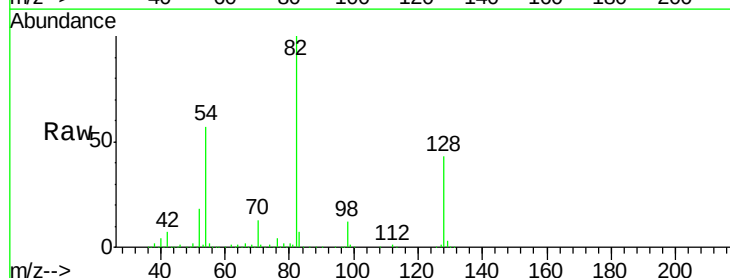
Ion Ratio Lower Upper

70 100

42 51.0 49.4 74.0

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#

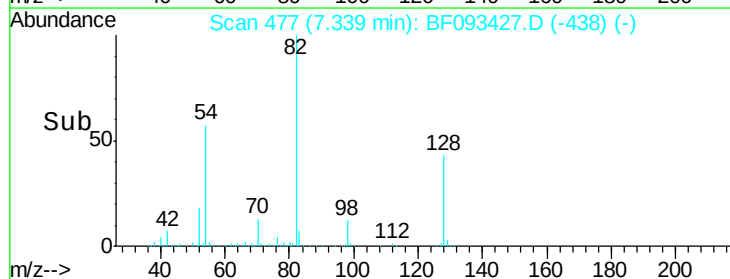
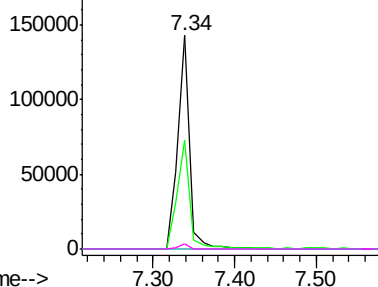


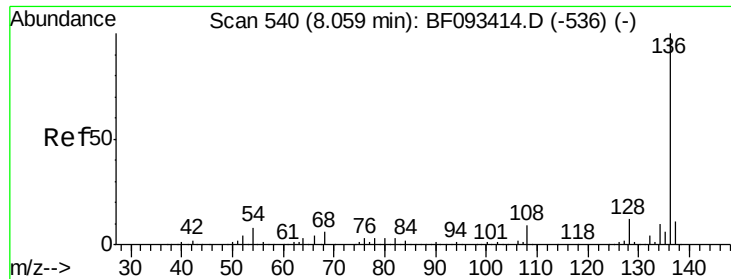
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

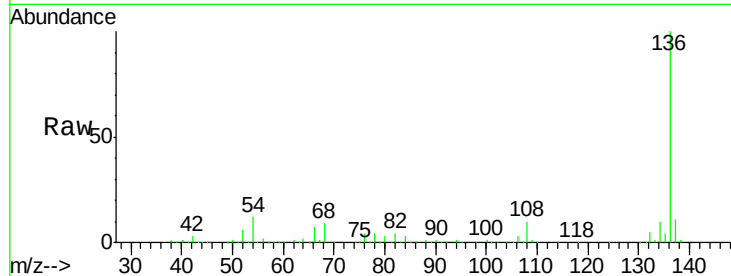




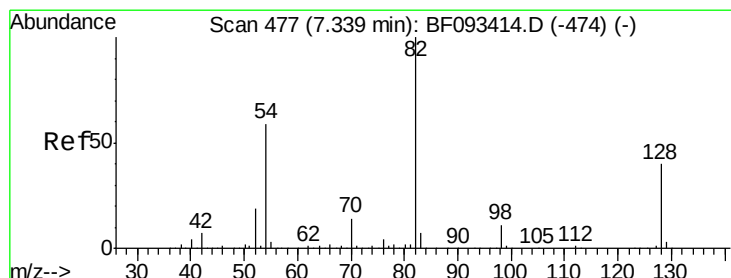
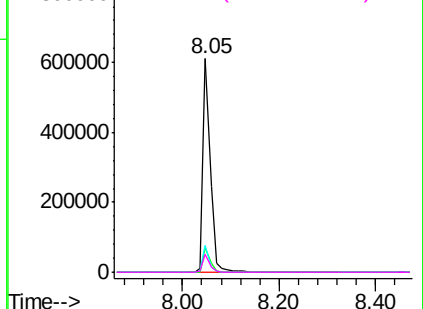
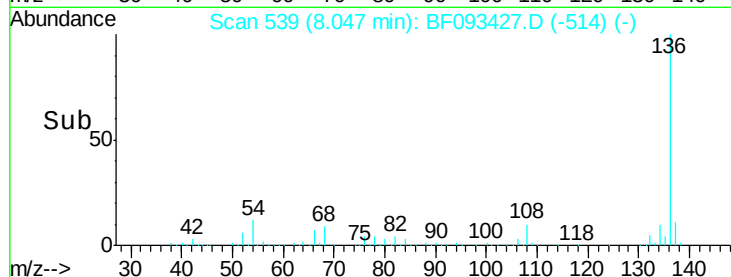
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093427.D
Acq: 7 Mar 2017 19:07

Instrument :
BNA_F
ClientSampleId :
030317-PRRT-E-U-M

Tgt Ion:	136	Resp:	635737
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	12.3	4.5	6.7#
68	8.6	3.6	5.4#

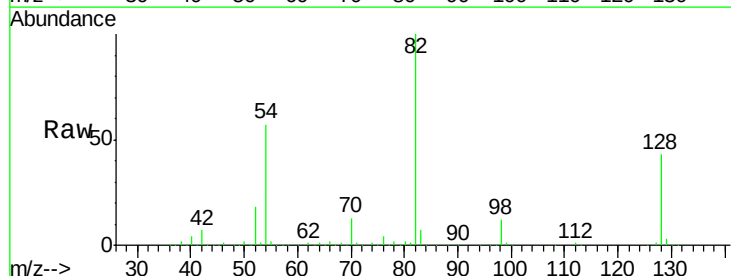


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

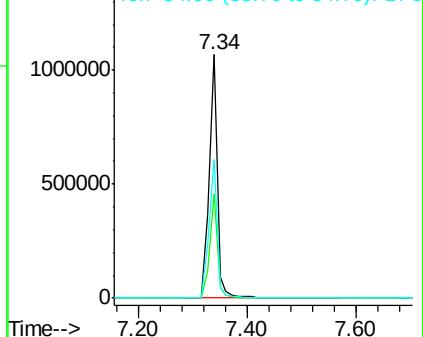
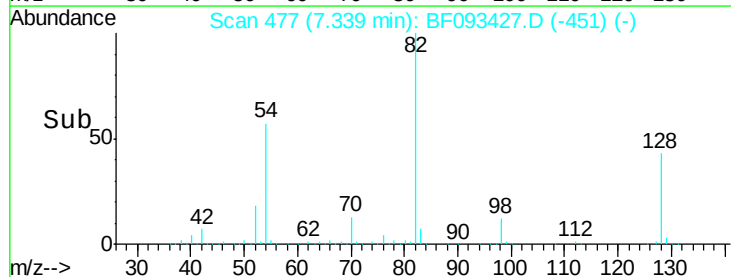


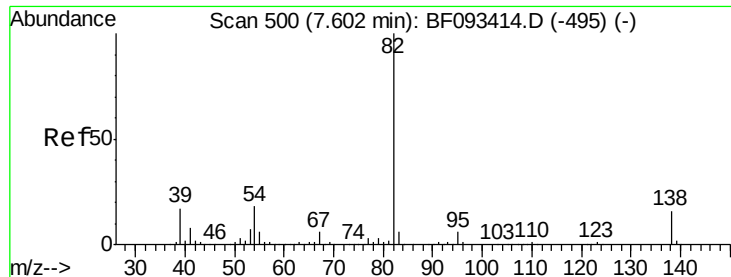
#23
Nitrobenzene-d5
Concen: 96.45 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093427.D
Acq: 7 Mar 2017 19:07

Tgt Ion:	82	Resp:	1105102
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	52.0
54	56.8	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: 47.62 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093427.D

Acq: 7 Mar 2017 19:07

Instrument :

BNA_F

ClientSampleId :

030317-PRRT-E-U-M

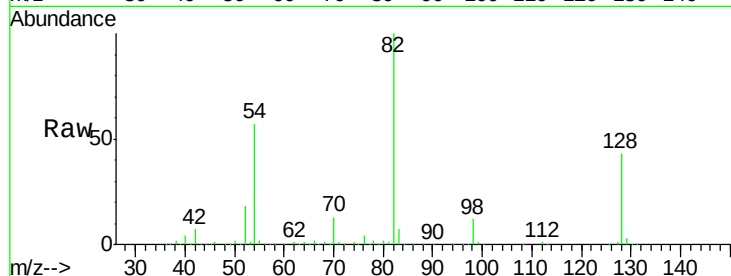
Tgt Ion: 82 Resp: 1100245

Ion Ratio Lower Upper

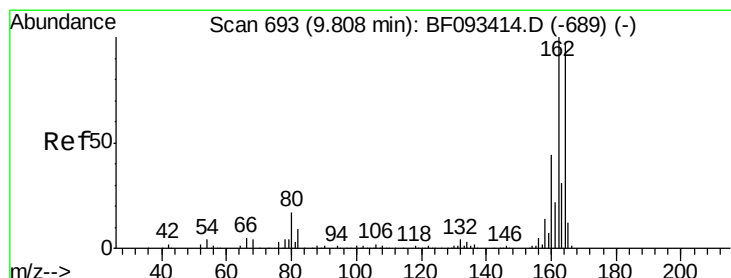
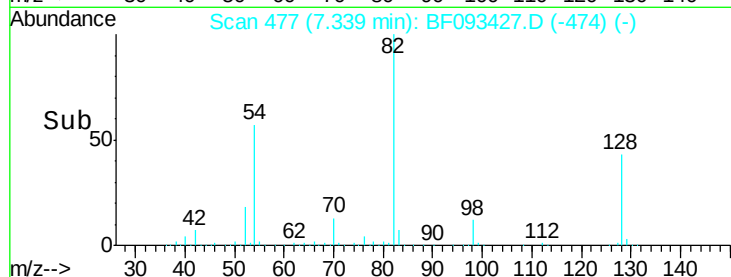
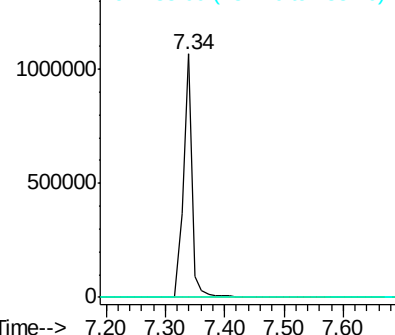
82 100

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: 9.80 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF093427.D

Acq: 7 Mar 2017 19:07

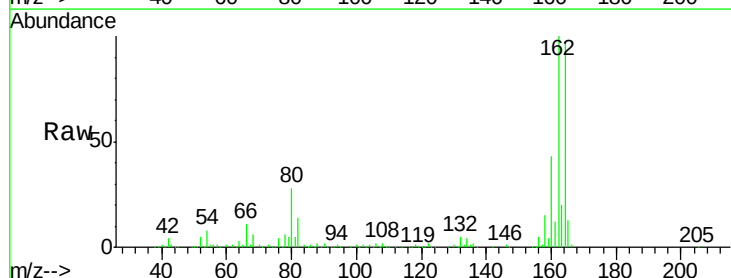
Tgt Ion:164 Resp: 295261

Ion Ratio Lower Upper

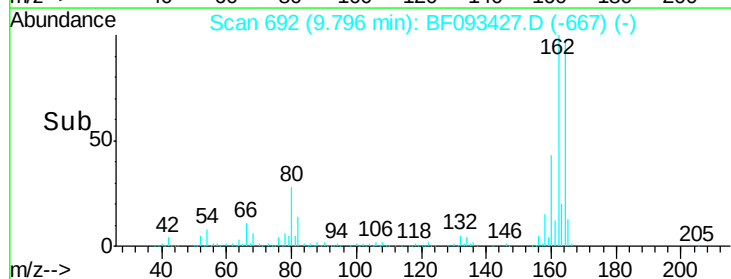
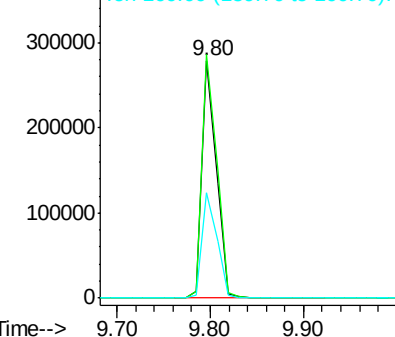
164 100

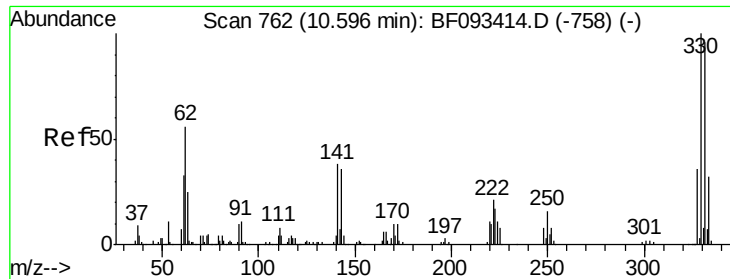
162 102.6 80.2 120.2

160 44.2 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

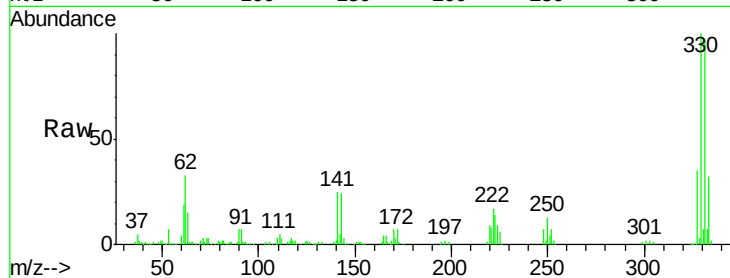




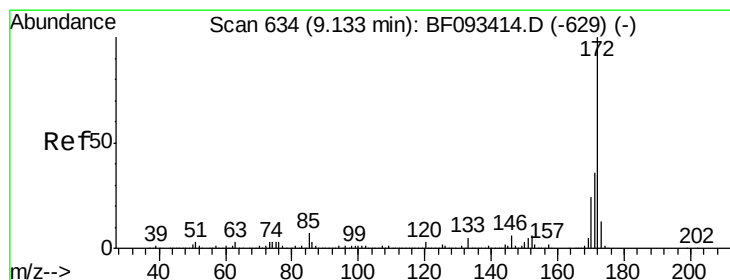
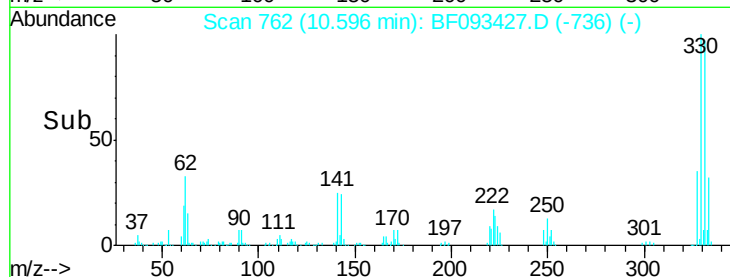
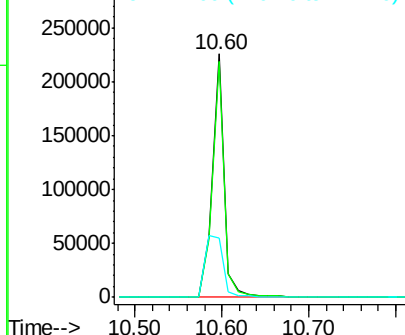
#41
 2,4,6-Tribromophenol
 Concen: 114.02 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093427.D
 Acq: 7 Mar 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :
 030317-PRRT-E-U-M

Tgt Ion:330 Resp: 219335
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 39.2 34.1 51.1

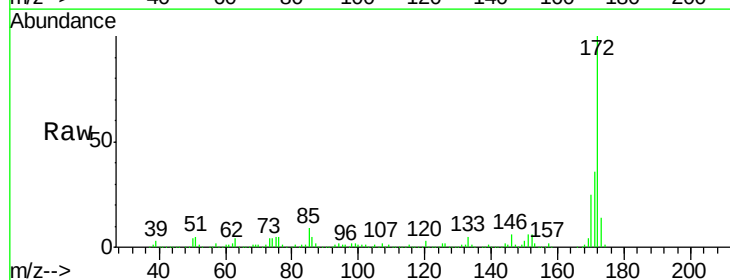


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

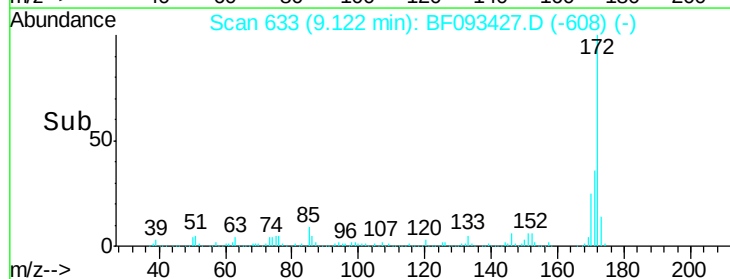
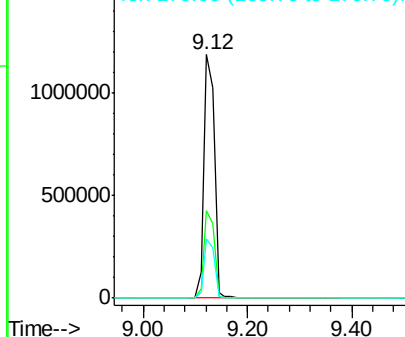


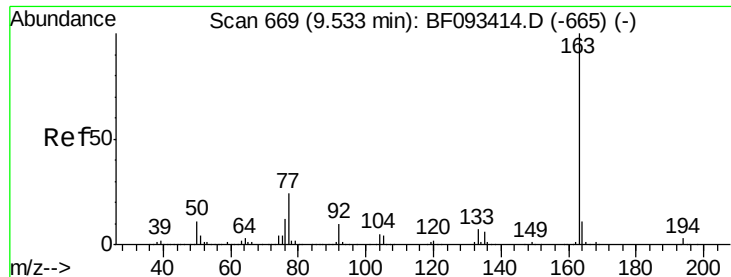
#44
 2-Fluorobiphenyl
 Concen: 104.01 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF093427.D
 Acq: 7 Mar 2017 19:07

Tgt Ion:172 Resp: 1651069
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.5 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: 9.98 ng

RT: 9.52 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF093427.D

Acq: 7 Mar 2017 19:07

Instrument :

BNA_F

ClientSampleId :

030317-PRRT-E-U-M

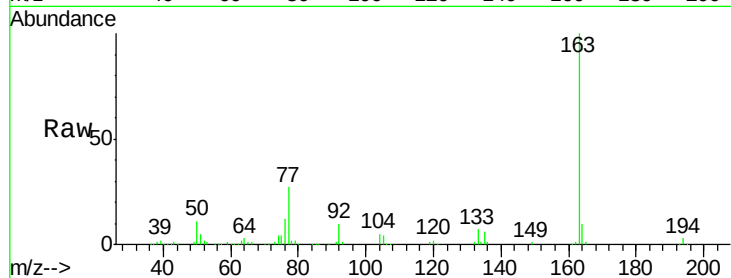
Tgt Ion:163 Resp: 195365

Ion Ratio Lower Upper

163 100

194 2.9 3.0 4.4#

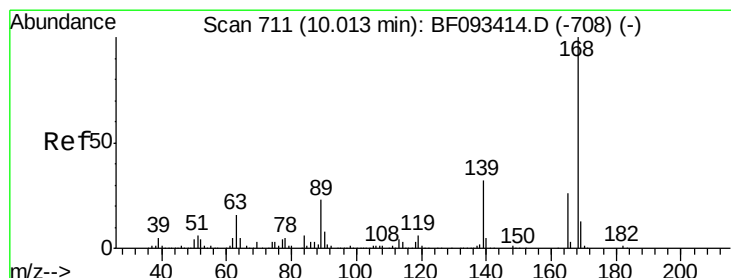
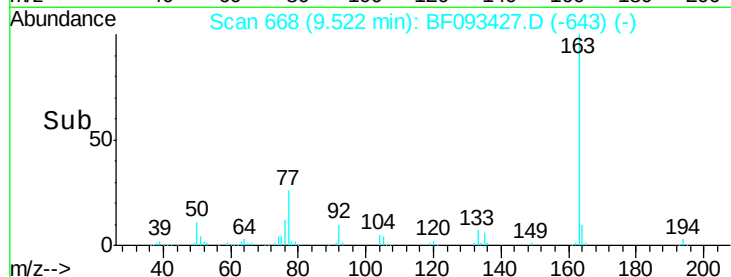
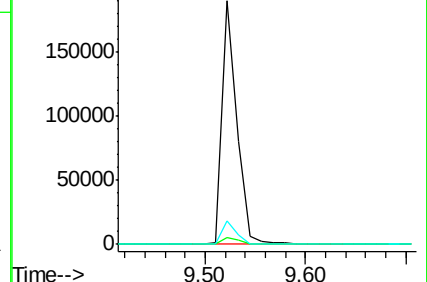
164 9.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 7.20 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.22 min

Lab File: BF093427.D

Acq: 7 Mar 2017 19:07

Tgt Ion:165 Resp: 37993

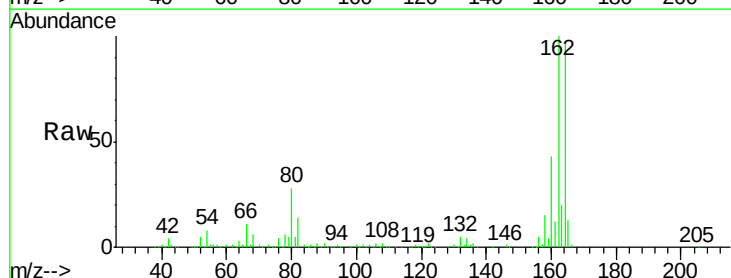
Ion Ratio Lower Upper

165 100

63 1.3 40.2 60.4#

89 1.5 62.5 93.7#

182 0.0 1.8 2.8#

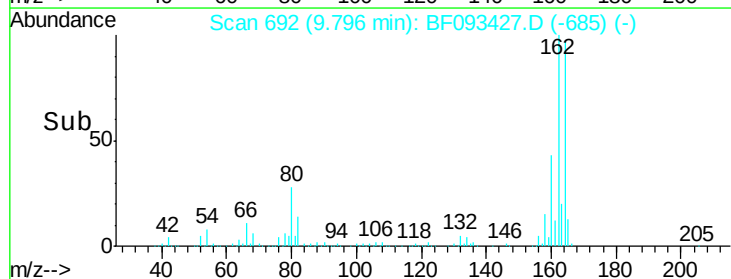
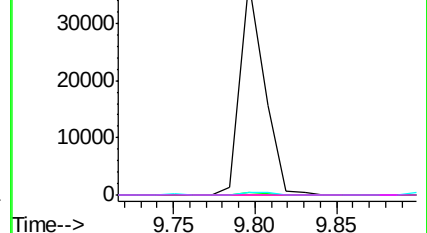


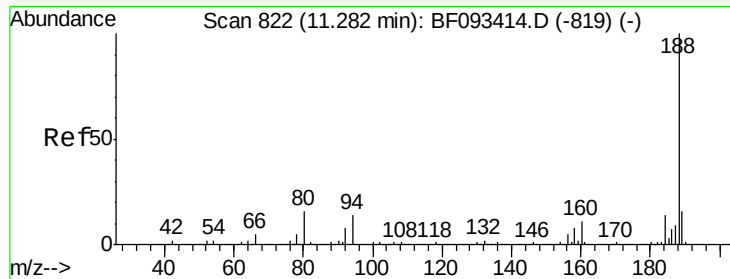
Abundance Ion 165.00 (164.70 to 165.70): E

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

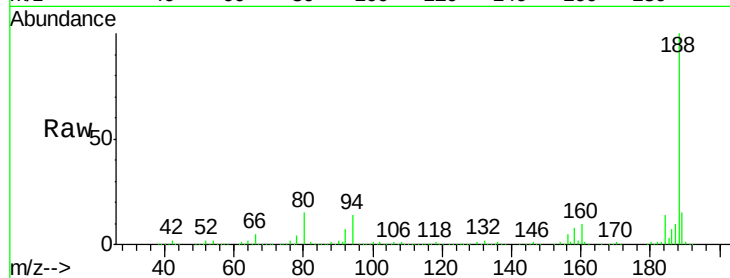




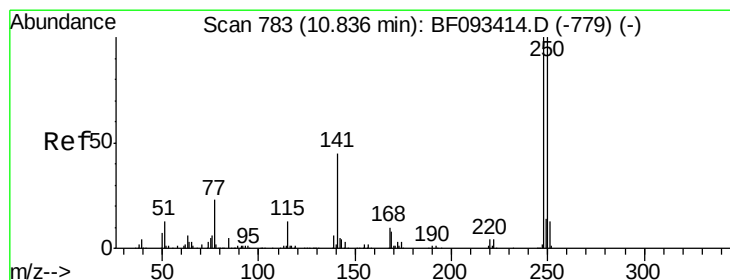
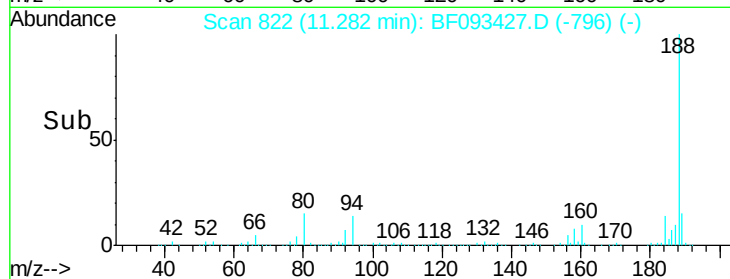
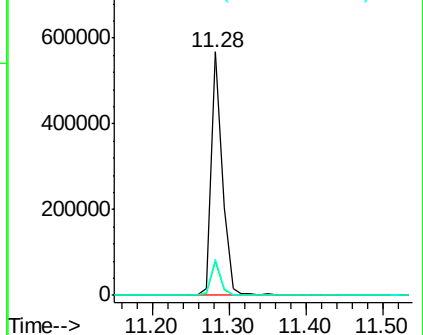
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093427.D
Acq: 7 Mar 2017 19:07

Instrument :
BNA_F
ClientSampleId :
030317-PRRT-E-U-M

Tgt Ion:188 Resp: 562258
Ion Ratio Lower Upper
188 100
94 13.9 10.0 15.0
80 14.7 11.2 16.8

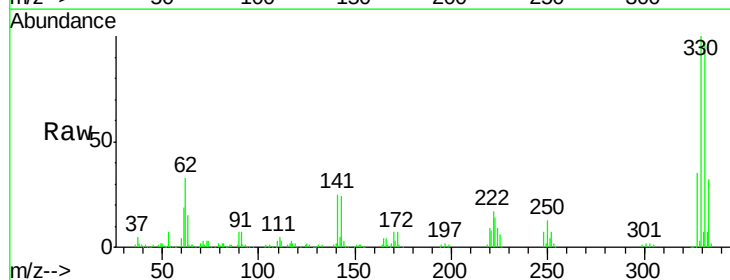


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

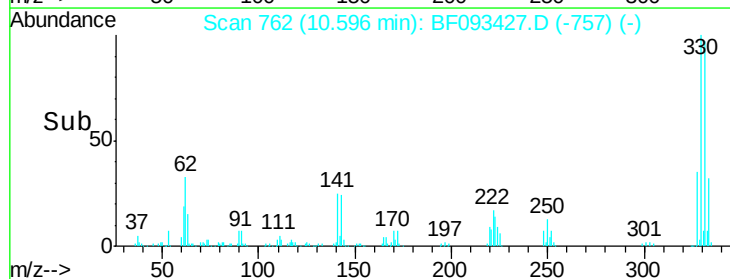
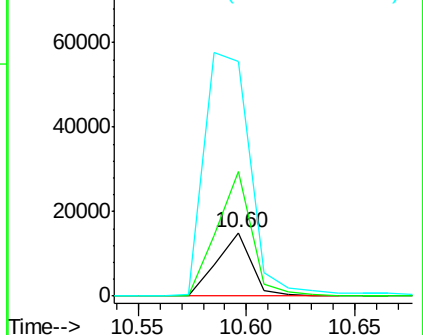


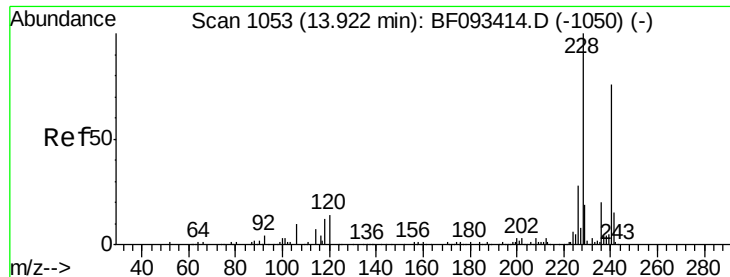
#66
4-Bromophenyl-phenylether
Concen: 2.81 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093427.D
Acq: 7 Mar 2017 19:07

Tgt Ion:248 Resp: 16730
Ion Ratio Lower Upper
248 100
250 196.3 76.9 115.3#
141 369.0 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: 13.92 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF093427.D

Acq: 7 Mar 2017 19:07

Instrument :

BNA_F

ClientSampleId :

030317-PRRT-E-U-M

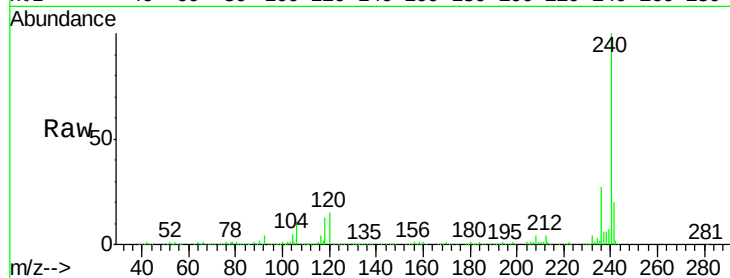
Tgt Ion:240 Resp: 478065

Ion Ratio Lower Upper

240 100

120 15.3 12.9 19.3

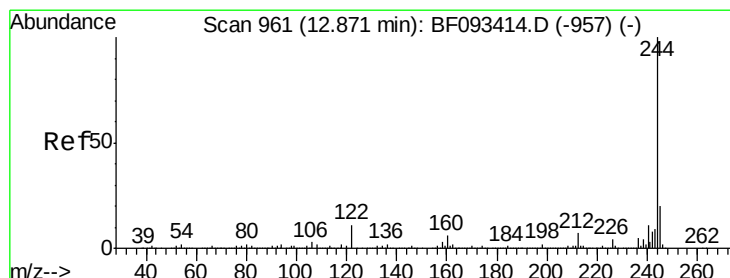
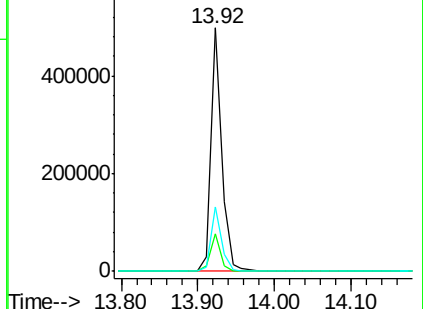
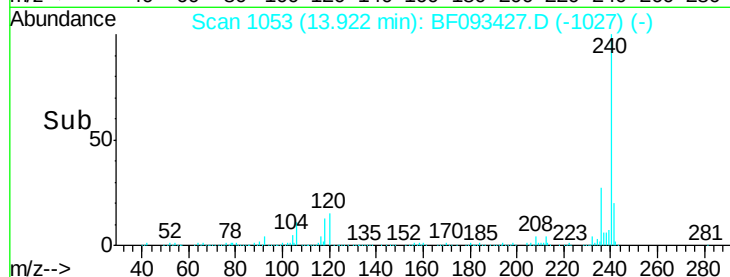
236 26.6 20.9 31.3



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: 76.12 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093427.D

Acq: 7 Mar 2017 19:07

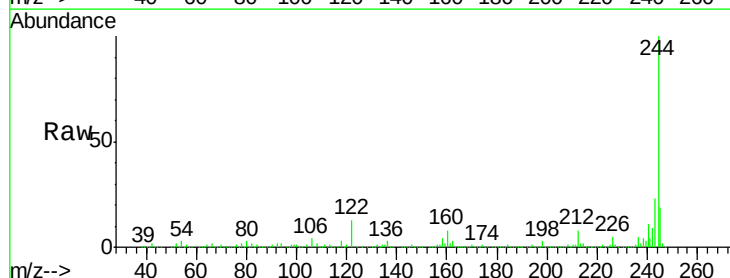
Tgt Ion:244 Resp: 1399727

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

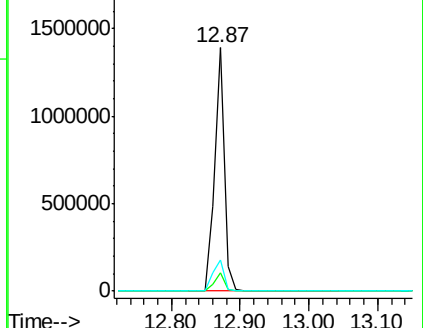
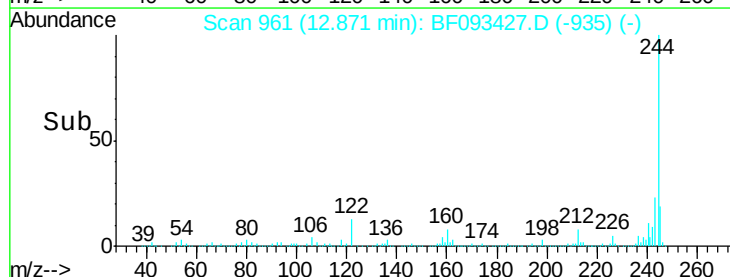
122 13.0 11.4 17.2

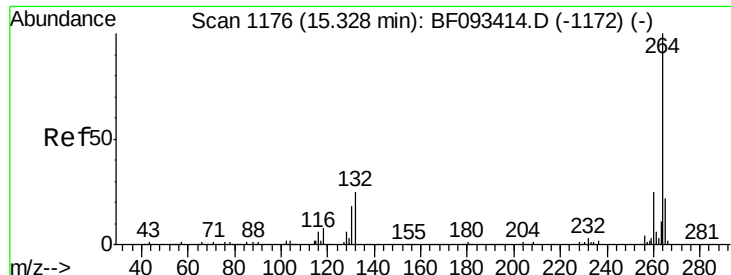


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF093427.D
Acq: 7 Mar 2017 19:07

Instrument :
BNA_F
ClientSampleId :
030317-PRRT-E-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.4	26.0

