

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030717\
 Data File : BF093426.D
 Acq On : 7 Mar 2017 18:39
 Operator : SJ/MA
 Sample : I2124-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 08 00:31:42 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

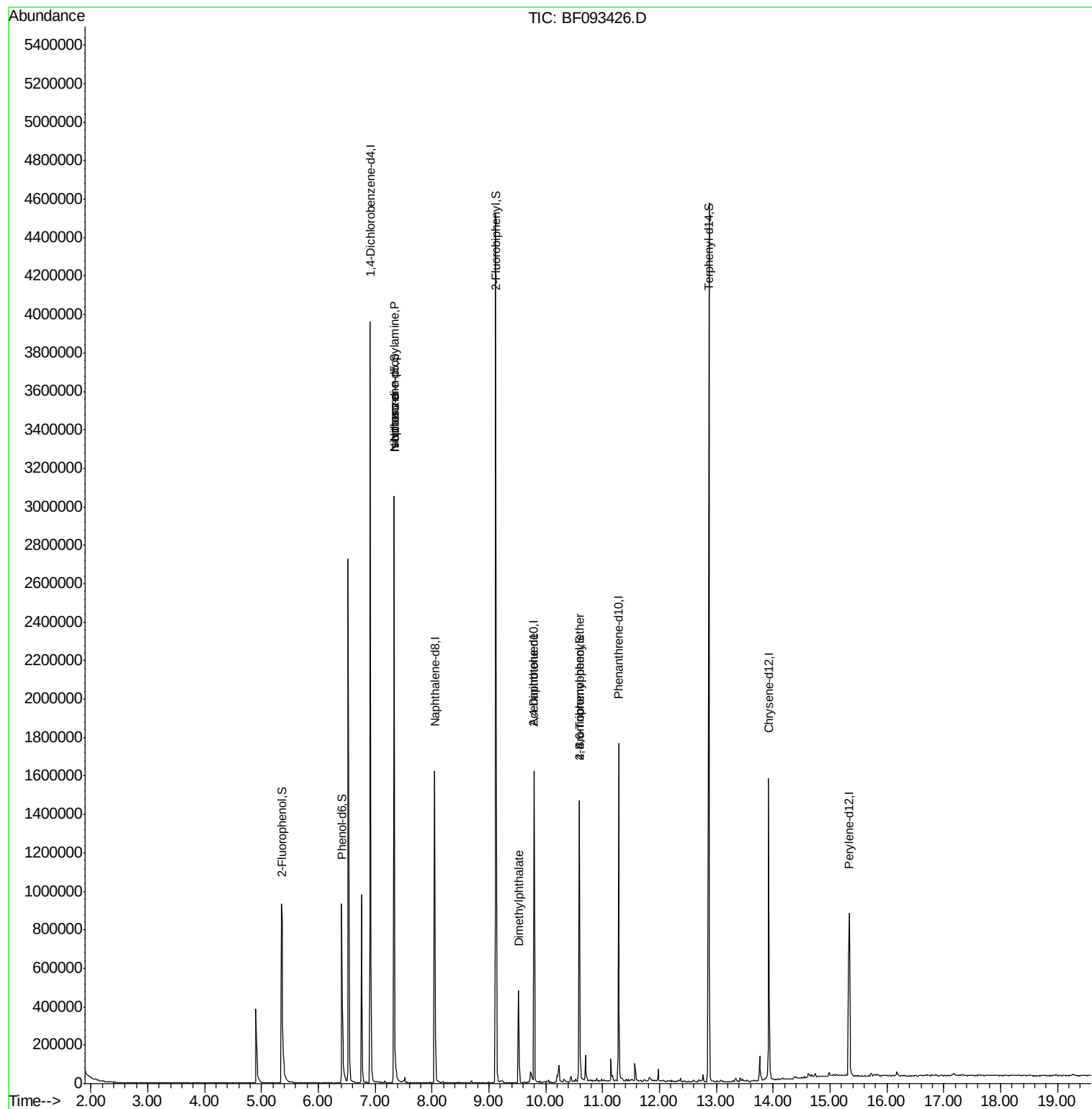
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	595204	20.00	ng	0.15
21) Naphthalene-d8	8.05	136	719476	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	318844	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	621154	20.00	ng	0.00
75) Chrysene-d12	13.92	240	548594	20.00	ng	0.00
86) Perylene-d12	15.34	264	426735	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	473557	13.24	ng	0.01
7) Phenol-d6	6.41	99	380963	8.45	ng	0.00
23) Nitrobenzene-d5	7.34	82	1271952	98.09	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	261025	125.65	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1683964	98.24	ng	-0.01
78) Terphenyl-d14	12.87	244	1529171	72.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	1225	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	169090	5.45	ng	# 77
25) Isophorone	7.34	82	1259646	48.17	ng	# 65
49) Dimethylphthalate	9.52	163	197139	9.33	ng	100
56) 2,4-Dinitrotoluene	9.80	165	41752	7.33	ng	# 20
66) 4-Bromophenyl-phenylether	10.60	248	19279	2.94	ng	# 1

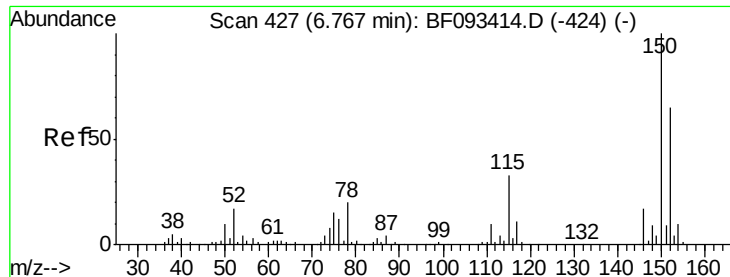
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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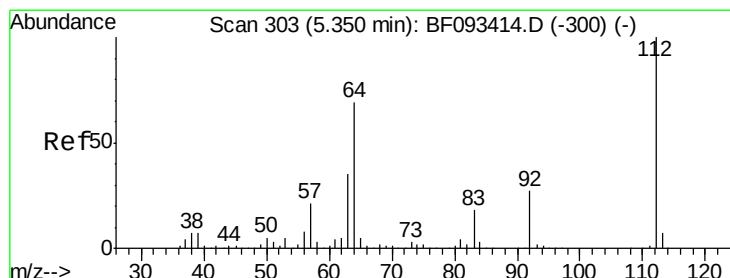
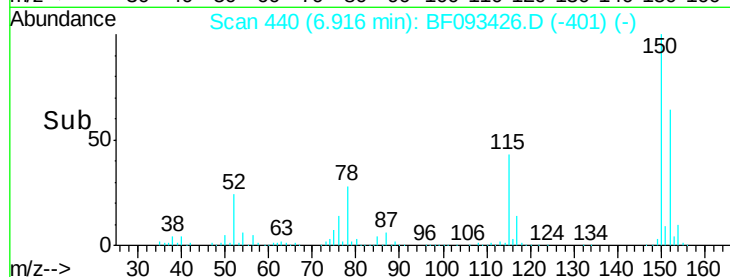
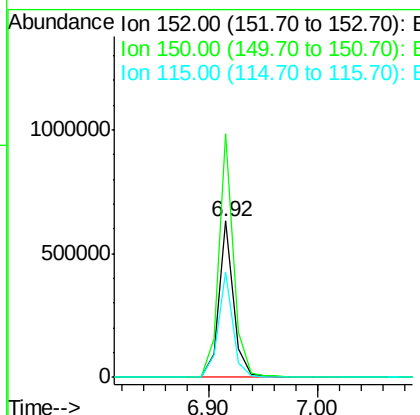
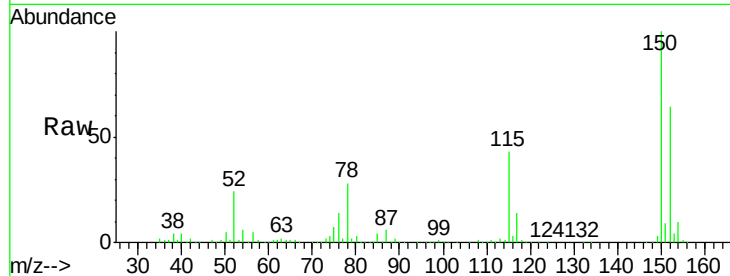




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 440
 Delta R.T. 0.15 min
 Lab File: BF093426.D
 Acq: 7 Mar 2017 18:39

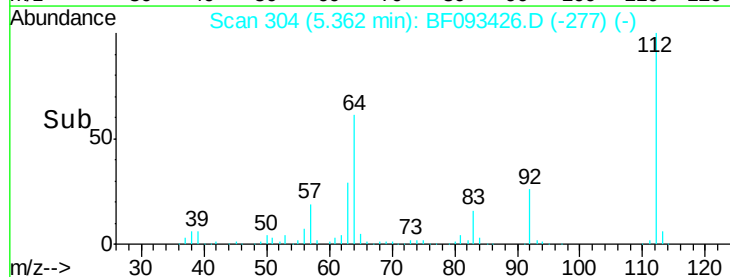
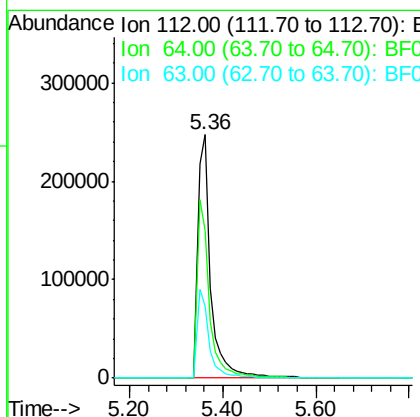
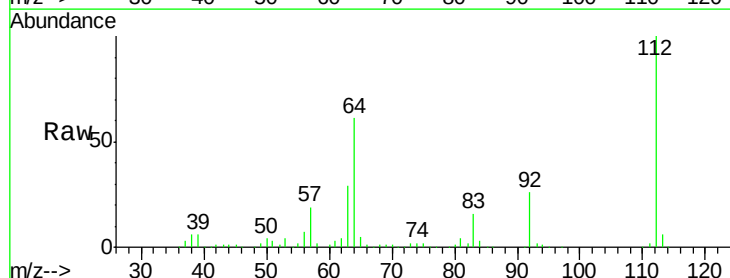
Instrument :
 BNA_F
 ClientSampleId :
 030317-PRRT-E-D-M

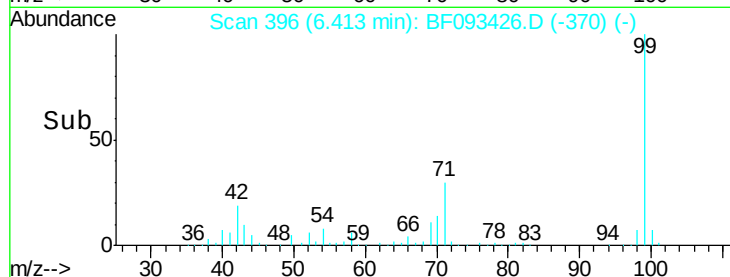
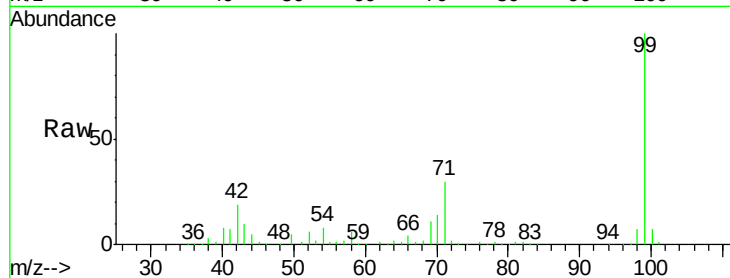
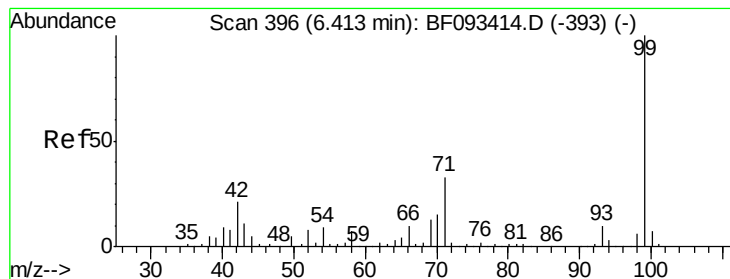
Tgt Ion:152 Resp: 595204
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.9 187.3
 115 67.5 46.0 69.0



#5
 2-Fluorophenol
 Concen: 13.24 ng
 RT: 5.36 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF093426.D
 Acq: 7 Mar 2017 18:39

Tgt Ion:112 Resp: 473557
 Ion Ratio Lower Upper
 112 100
 64 60.9 46.1 69.1
 63 29.5 23.8 35.6





#7

Phenol-d6

Concen: 8.45 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093426.D

Acq: 7 Mar 2017 18:39

Instrument :

BNA_F

ClientSampleId :

030317-PRRT-E-D-M

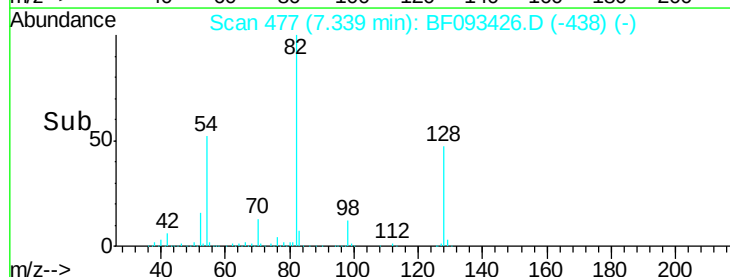
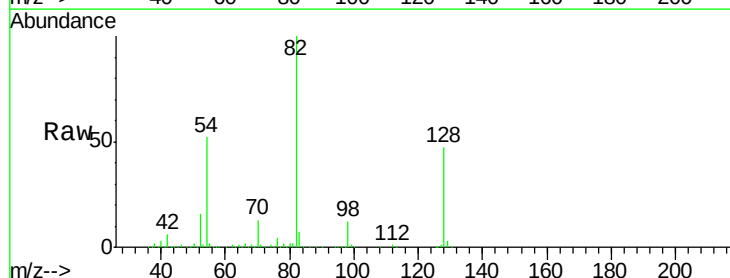
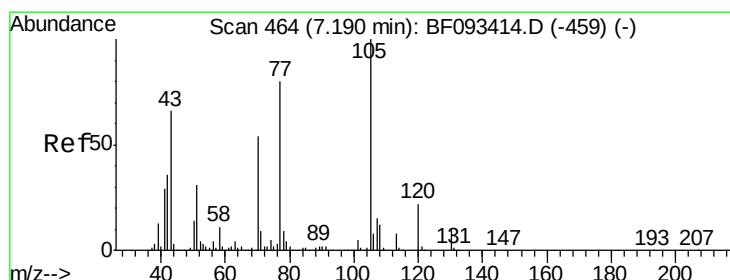
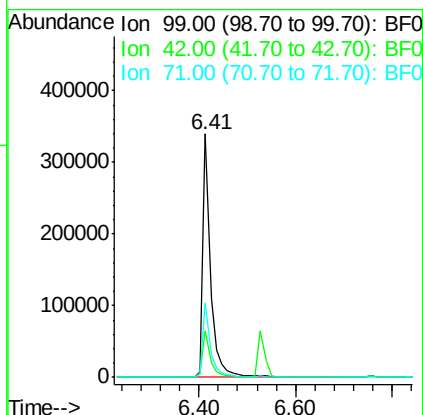
Tgt Ion: 99 Resp: 380963

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

71 30.4 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 5.45 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093426.D

Acq: 7 Mar 2017 18:39

Tgt Ion: 70 Resp: 169090

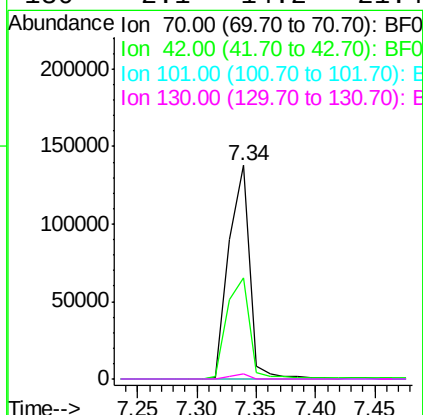
Ion Ratio Lower Upper

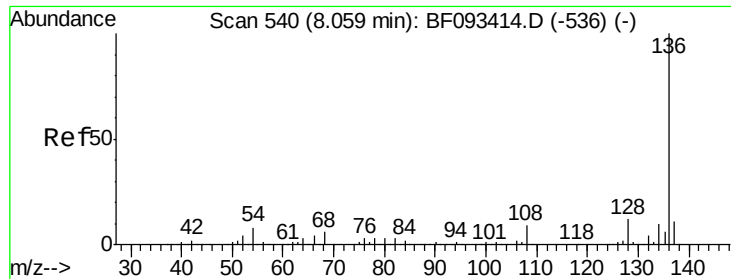
70 100

42 47.4 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

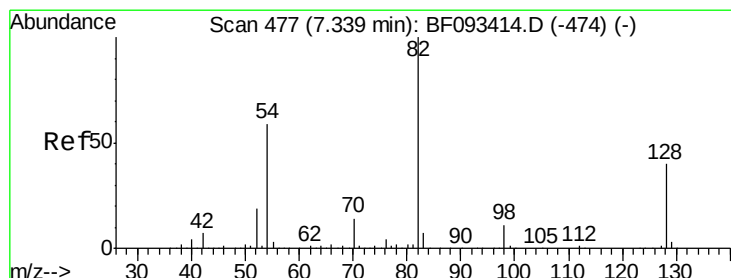
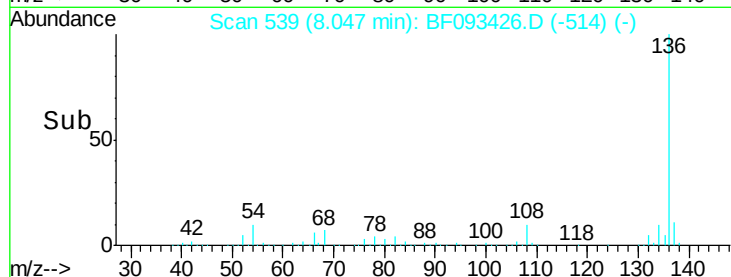
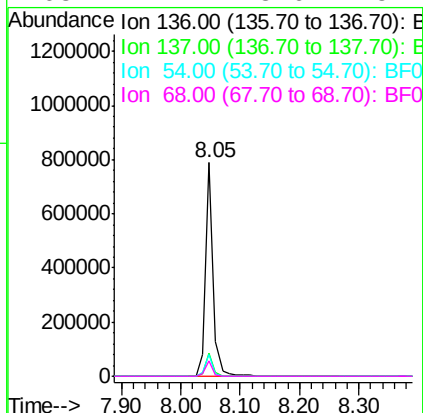
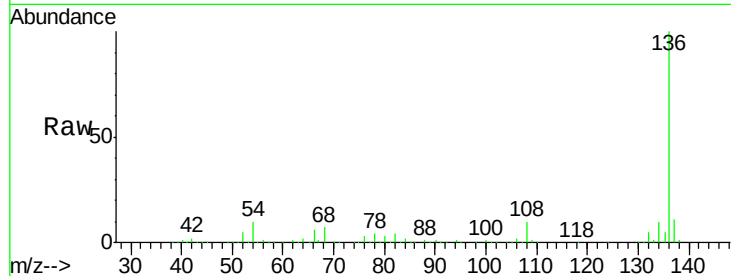




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093426.D
Acq: 7 Mar 2017 18:39

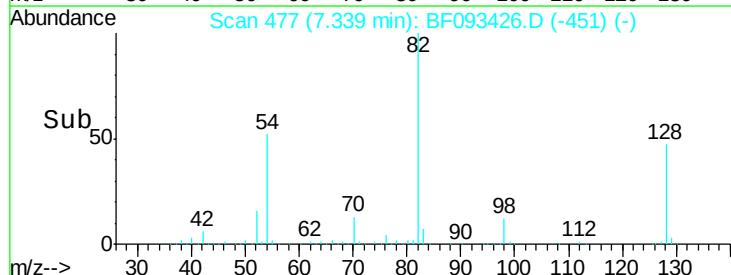
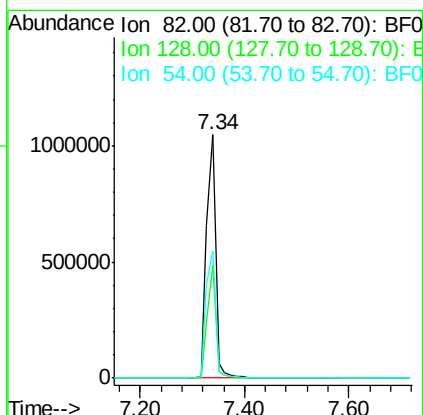
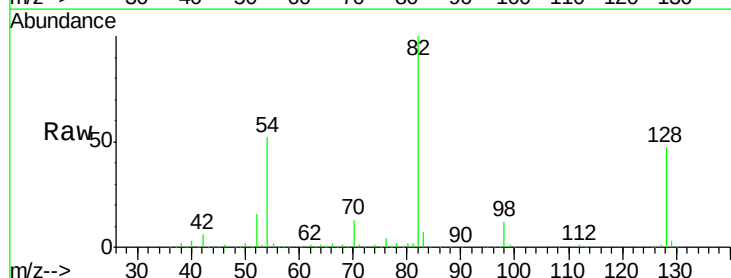
Instrument :
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030317-PRRT-E-D-M

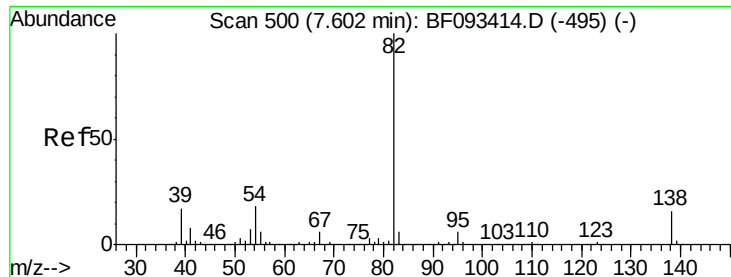
Tgt Ion:	136	Resp:	719476
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.0	4.5	6.7#
68	7.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 98.09 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093426.D
Acq: 7 Mar 2017 18:39

Tgt Ion:	82	Resp:	1271952
Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.6	52.0
54	52.4	39.5	59.3





#25

Isophorone

Concen: 48.17 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093426.D

Acq: 7 Mar 2017 18:39

Instrument :

BNA_F

ClientSampleId :

030317-PRRT-E-D-M

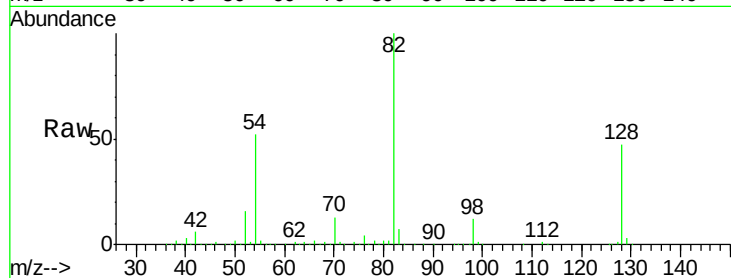
Tgt Ion: 82 Resp: 1259646

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

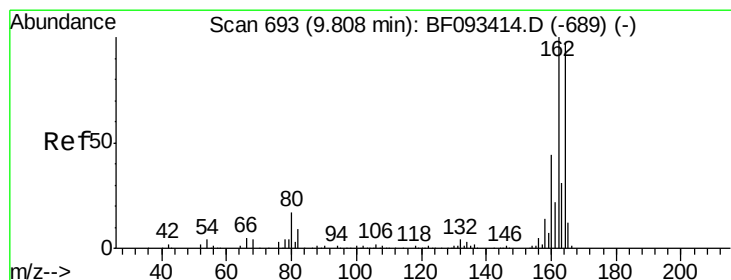
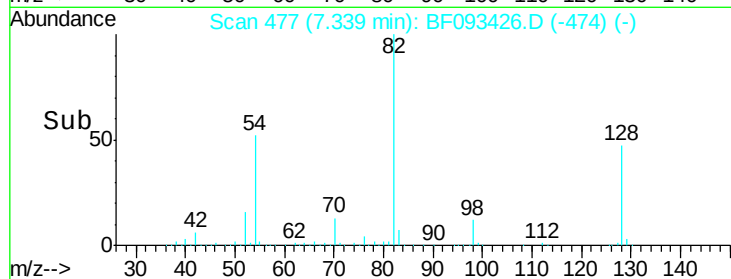
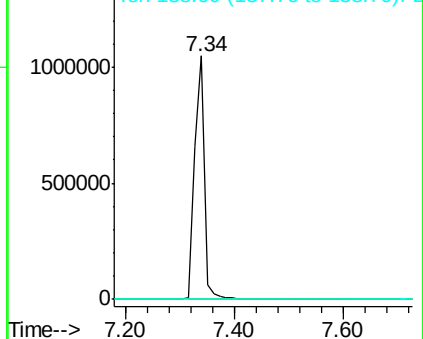
138 0.0 14.6 22.0#



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: BF093426.D

Acq: 7 Mar 2017 18:39

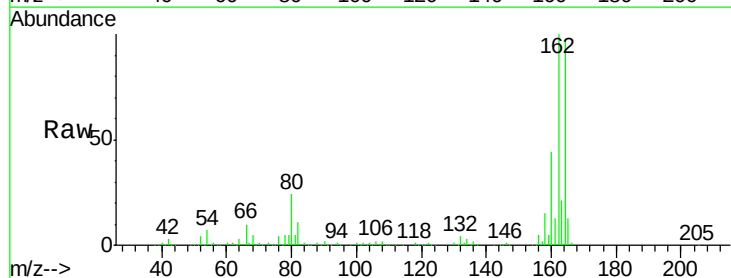
Tgt Ion: 164 Resp: 318844

Ion Ratio Lower Upper

164 100

162 103.4 80.2 120.2

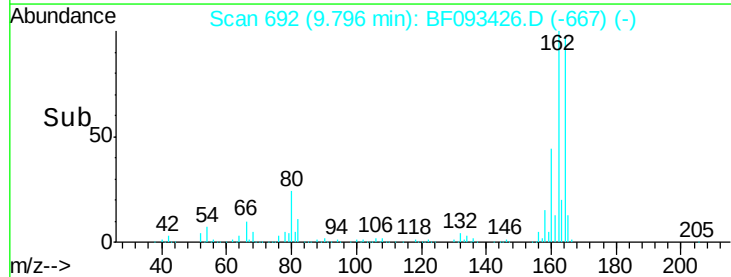
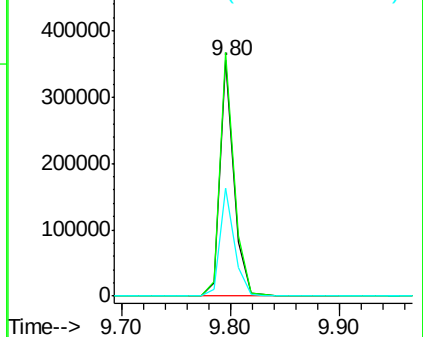
160 45.8 36.9 55.3

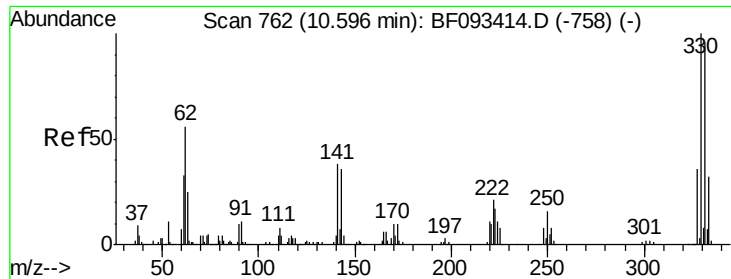


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

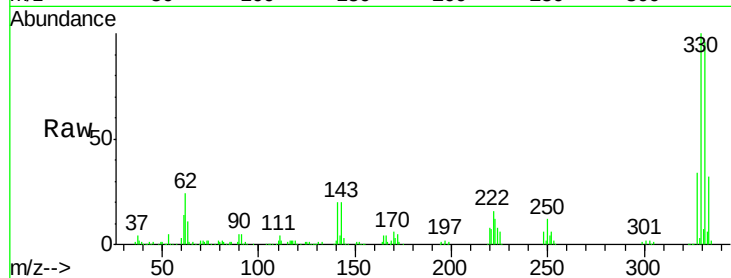




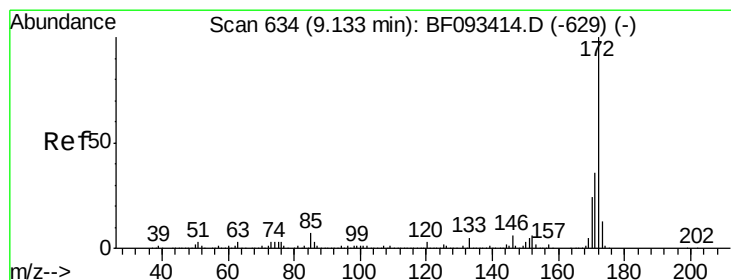
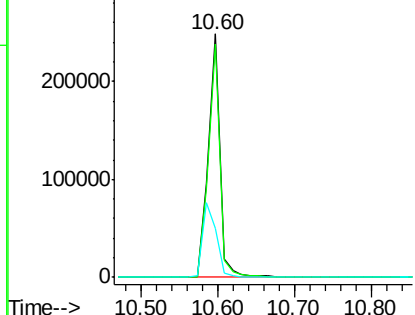
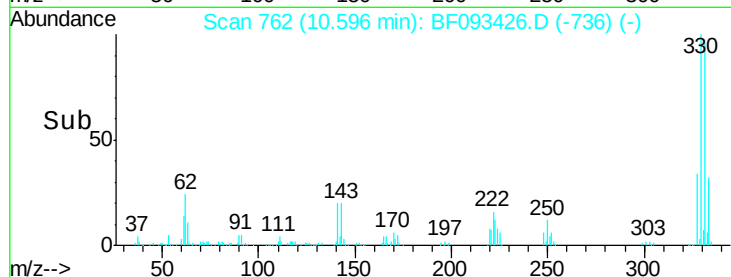
#41
 2,4,6-Tribromophenol
 Concen: 125.65 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093426.D
 Acq: 7 Mar 2017 18:39

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	35.9	34.1	51.1

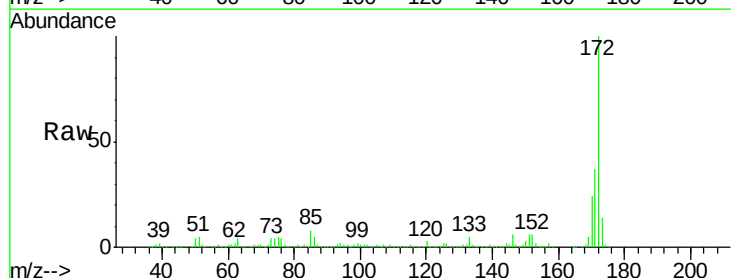


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

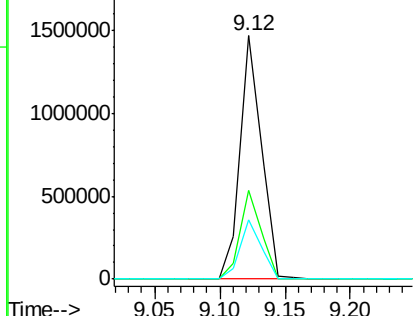
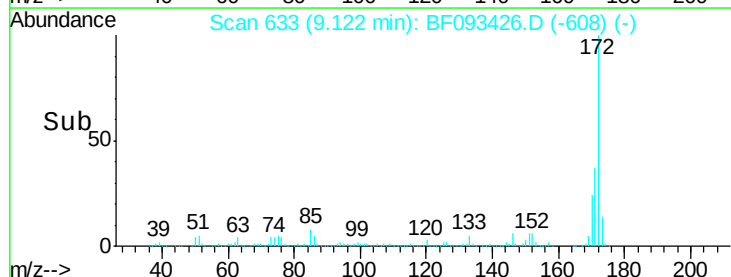


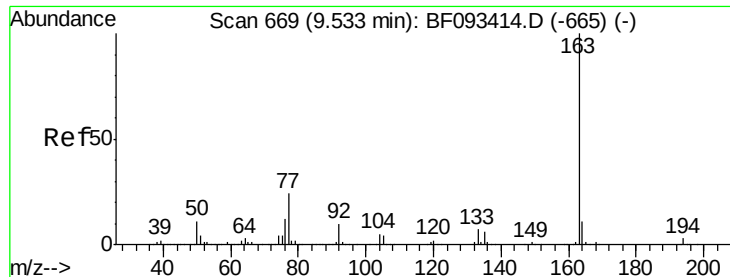
#44
 2-Fluorobiphenyl
 Concen: 98.24 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF093426.D
 Acq: 7 Mar 2017 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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

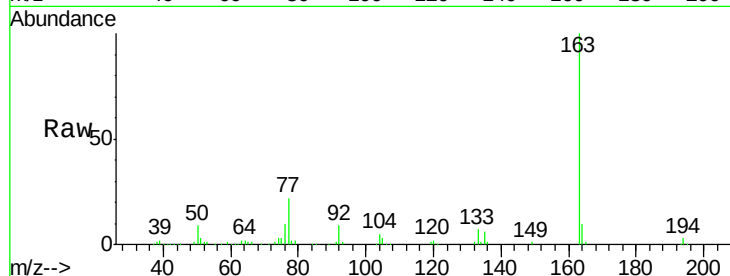




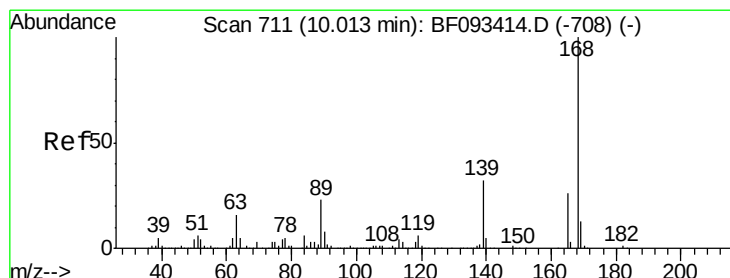
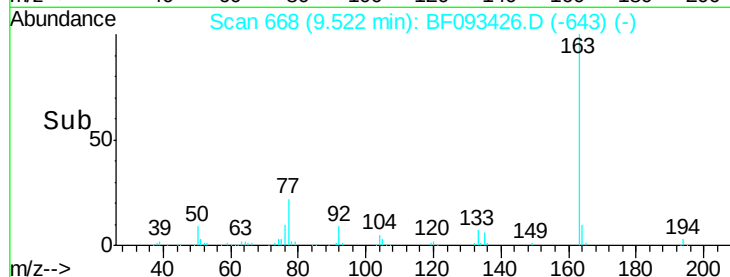
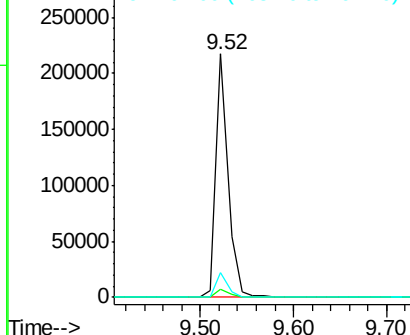
#49
Dimethylphthalate
Concen: 9.33 ng
RT: 9.52 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF093426.D
Acq: 7 Mar 2017 18:39

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

Tgt Ion:163 Resp: 197139
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.1 8.0 12.0

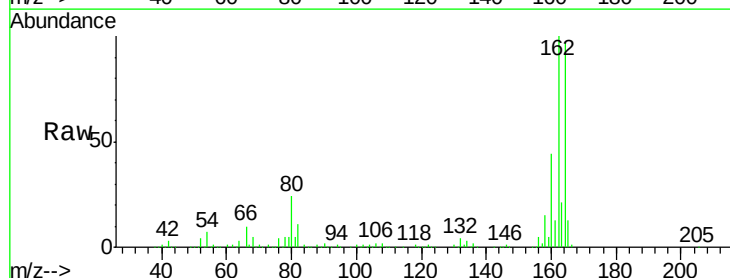


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

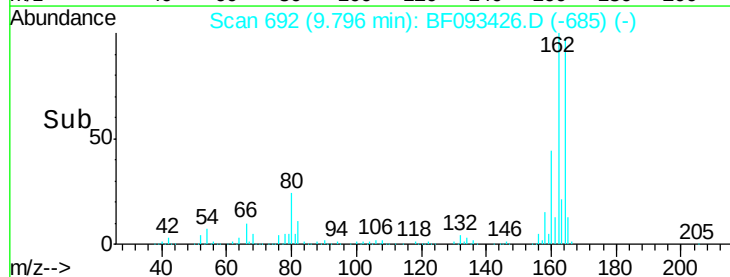
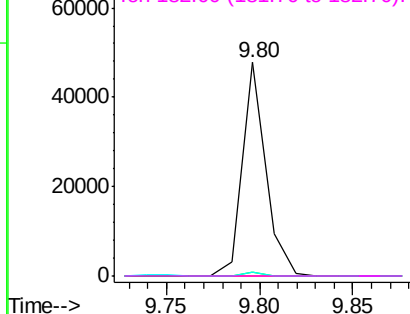


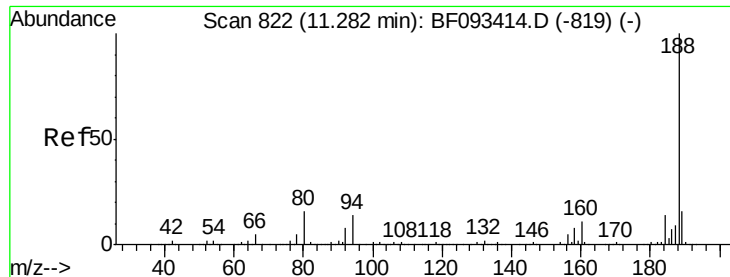
#56
2,4-Dinitrotoluene
Concen: 7.33 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.22 min
Lab File: BF093426.D
Acq: 7 Mar 2017 18:39

Tgt Ion:165 Resp: 41752
Ion Ratio Lower Upper
165 100
63 1.7 40.2 60.4#
89 1.6 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

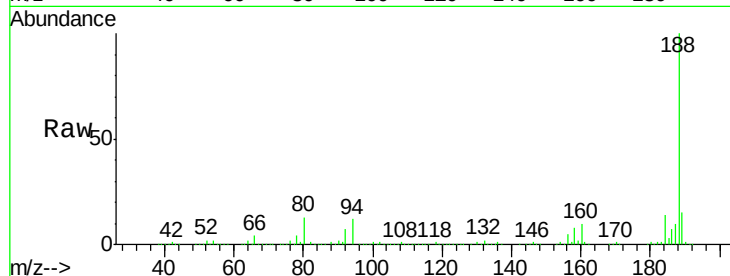




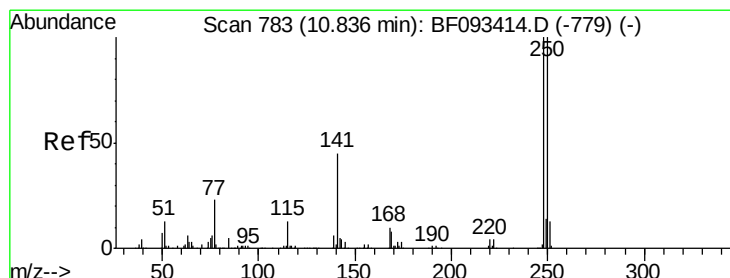
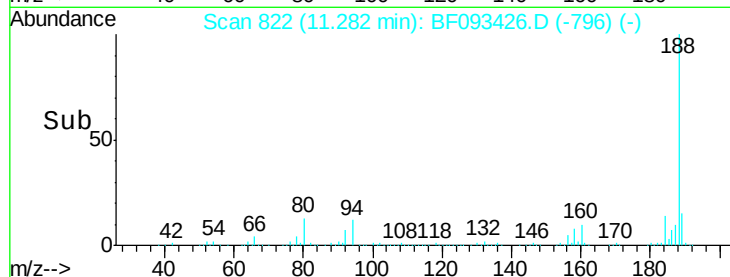
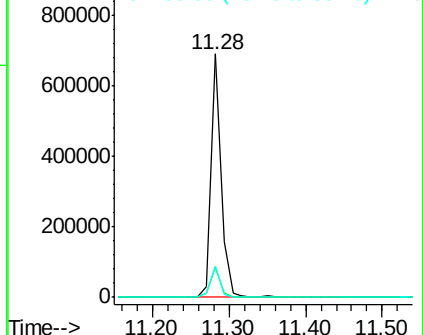
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093426.D
Acq: 7 Mar 2017 18:39

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

Tgt Ion:188 Resp: 621154
Ion Ratio Lower Upper
188 100
94 12.4 10.0 15.0
80 12.9 11.2 16.8

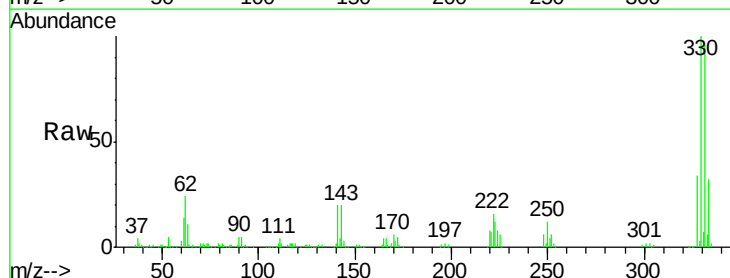


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

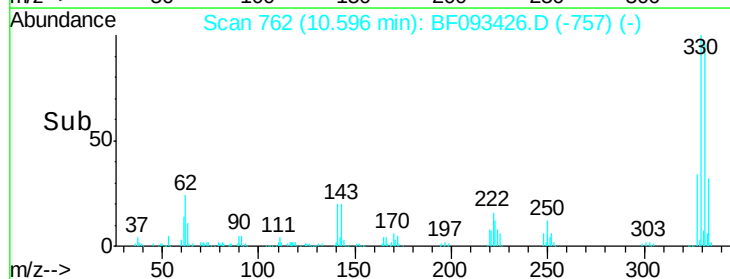
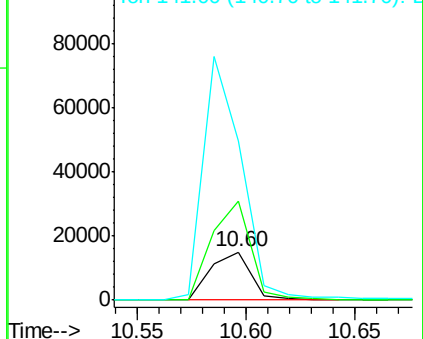


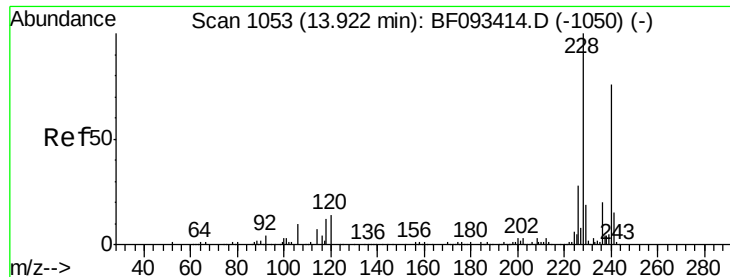
#66
4-Bromophenyl-phenylether
Concen: 2.94 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093426.D
Acq: 7 Mar 2017 18:39

Tgt Ion:248 Resp: 19279
Ion Ratio Lower Upper
248 100
250 206.6 76.9 115.3#
141 330.8 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: 13.92 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF093426.D

Acq: 7 Mar 2017 18:39

Instrument :

BNA_F

ClientSampleId :

030317-PRRT-E-D-M

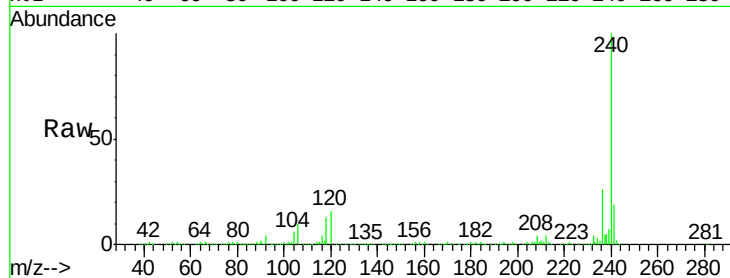
Tgt Ion:240 Resp: 548594

Ion Ratio Lower Upper

240 100

120 15.5 12.9 19.3

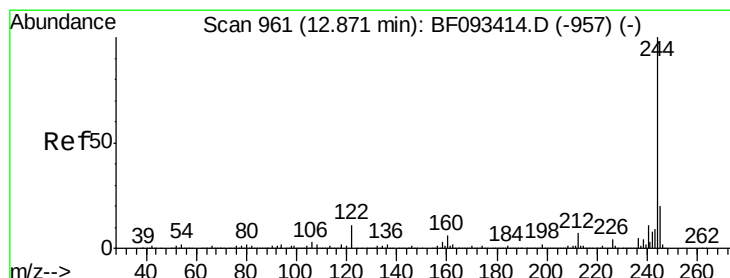
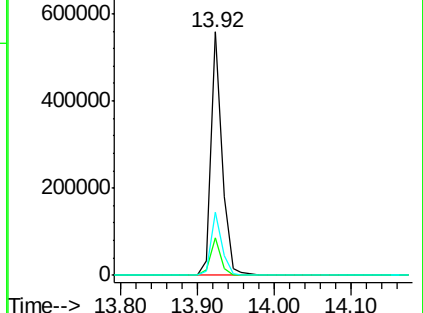
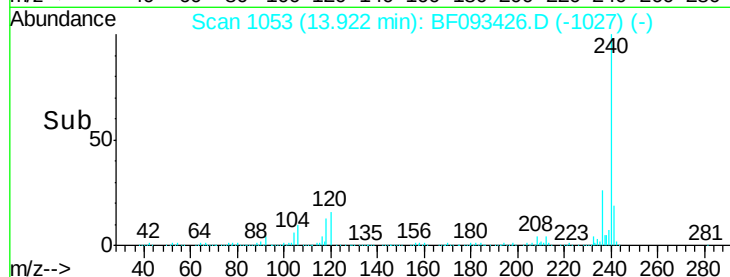
236 26.2 20.9 31.3



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: 72.47 ng

RT: 12.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF093426.D

Acq: 7 Mar 2017 18:39

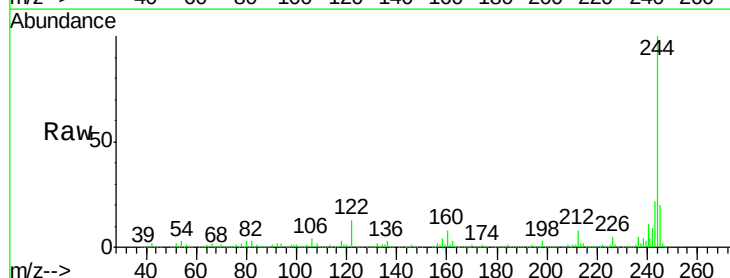
Tgt Ion:244 Resp: 1529171

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

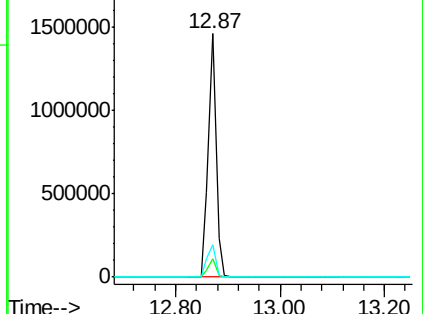
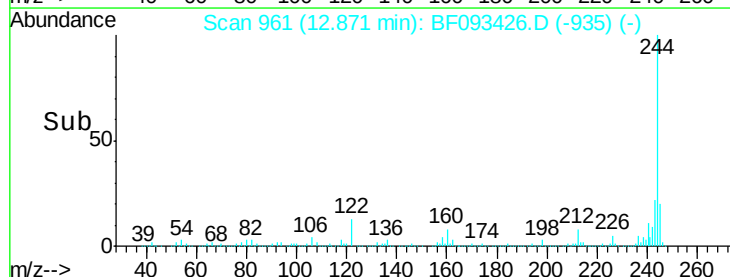
122 13.4 11.4 17.2

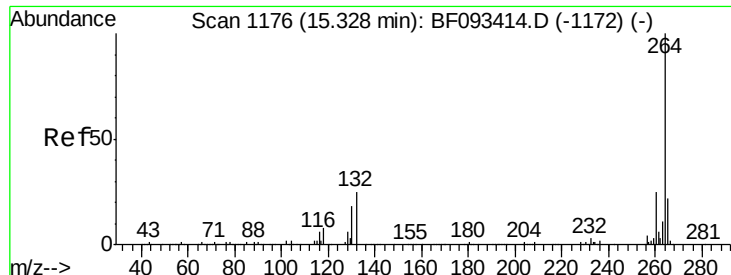


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF093426.D
Acq: 7 Mar 2017 18:39

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

Tgt Ion: 264 Resp: 426735
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.0 17.4 26.0

