

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030717\
 Data File : BF093425.D
 Acq On : 7 Mar 2017 18:11
 Operator : SJ/MA
 Sample : I2123-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030217-PRRT-E-U-M

Quant Time: Mar 08 00:31:31 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

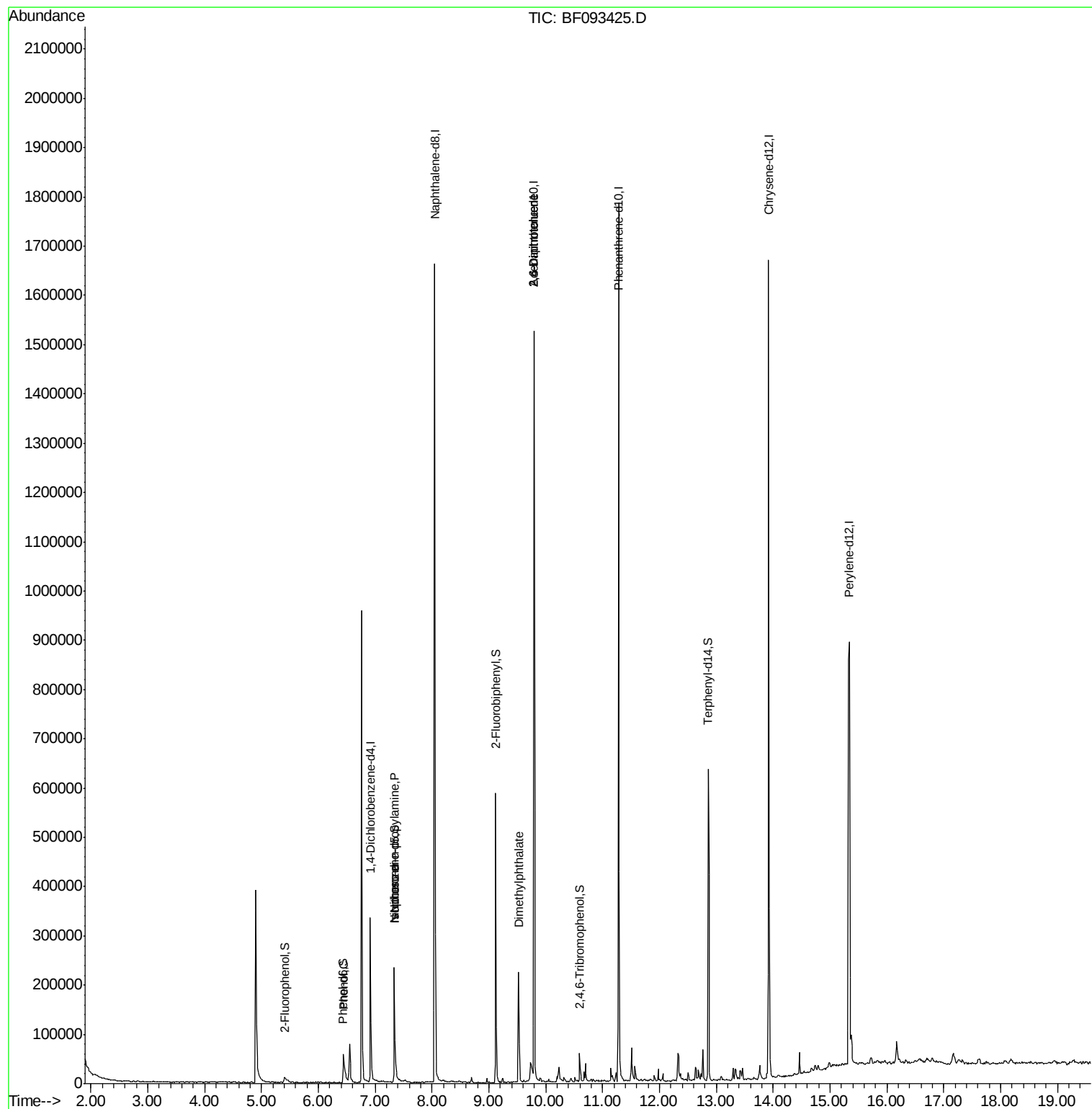
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	58226	20.00	ng	0.15
21) Naphthalene-d8	8.05	136	728126	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	320817	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	642302	20.00	ng	0.00
75) Chrysene-d12	13.92	240	565628	20.00	ng	0.00
86) Perylene-d12	15.34	264	475357	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	13764	3.93	ng	0.06
7) Phenol-d6	6.44	99	14275	3.24	ng	0.02
23) Nitrobenzene-d5	7.34	82	102534	7.81	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	7553	3.61	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	187841	10.89	ng	-0.01
78) Terphenyl-d14	12.86	244	242166	11.13	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.45	77	213	Below Cal	#	1
10) Phenol	6.45	94	36378	6.73	ng	# 71
19) n-Nitroso-di-n-propylamine	7.34	70	13978	4.61	ng	# 79
25) Isophorone	7.34	82	102533	3.87	ng	# 65
49) Dimethylphthalate	9.52	163	101769	4.78	ng	# 98
50) 2,6-Dinitrotoluene	9.80	165	41817	8.96	ng	# 31
56) 2,4-Dinitrotoluene	9.80	165	41820	7.29	ng	# 20

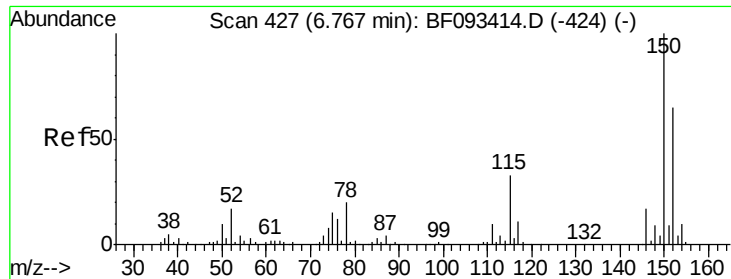
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030717\
Data File : BF093425.D
Acq On : 7 Mar 2017 18:11
Operator : SJ/MA
Sample : I2123-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
030217-PRRT-E-U-M

Quant Time: Mar 08 00:31:31 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



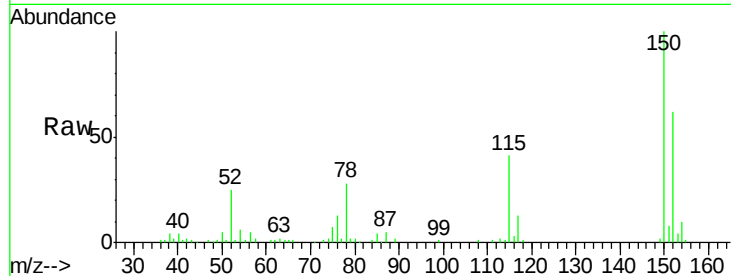


#1

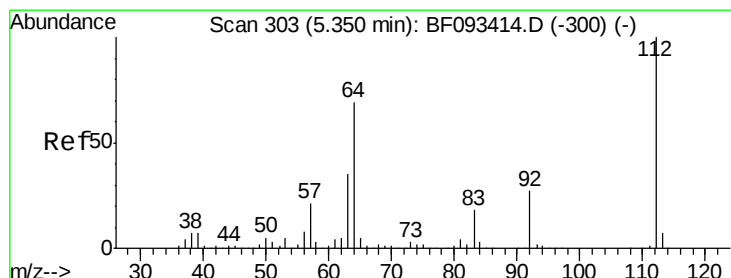
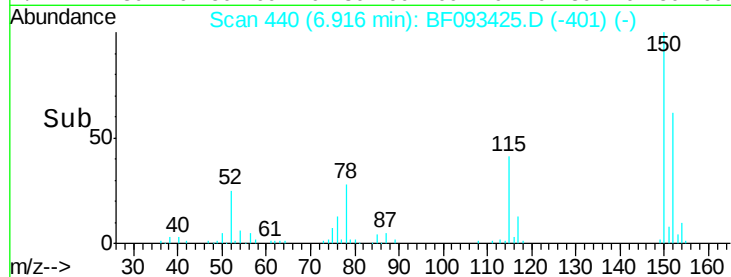
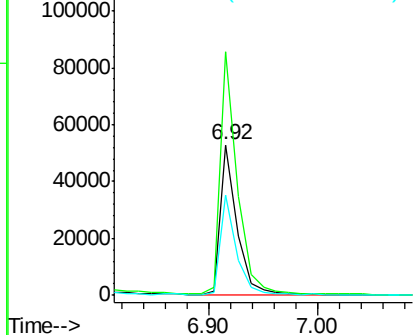
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 440
Delta R.T. 0.15 min
Lab File: BF093425.D
Acq: 7 Mar 2017 18:11

Instrument :
BNA_F
ClientSampleId :
030217-PRRT-E-U-M

Tgt Ion:152 Resp: 58226
Ion Ratio Lower Upper
152 100
150 161.6 124.9 187.3
115 66.6 46.0 69.0



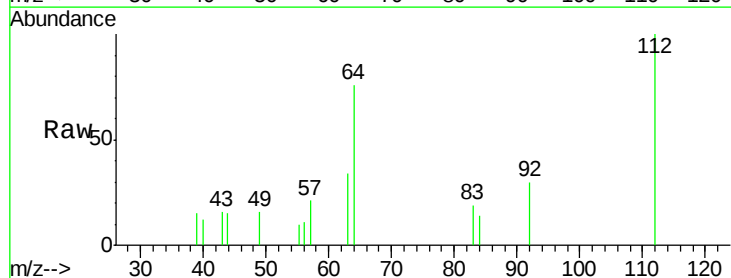
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



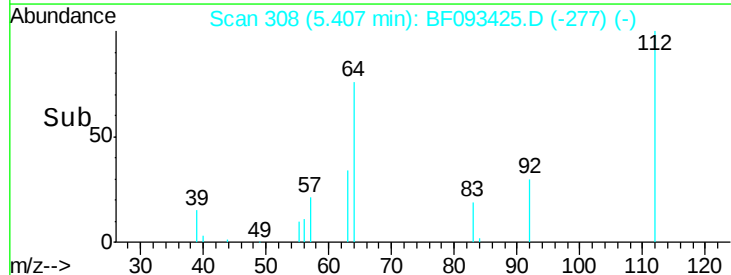
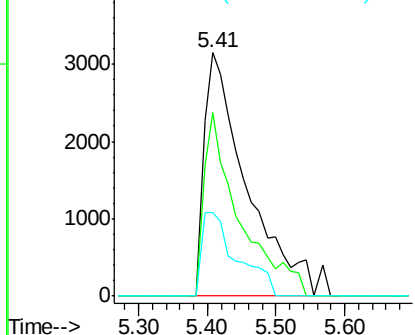
#5

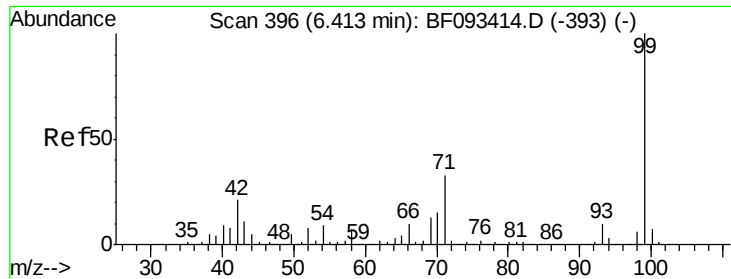
2-Fluorophenol
Concen: 3.93 ng
RT: 5.41 min Scan# 308
Delta R.T. 0.06 min
Lab File: BF093425.D
Acq: 7 Mar 2017 18:11

Tgt Ion:112 Resp: 13764
Ion Ratio Lower Upper
112 100
64 75.5 46.1 69.1#
63 34.4 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: 3.24 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.02 min

Lab File: BF093425.D

Acq: 7 Mar 2017 18:11

Instrument :

BNA_F

ClientSampleId :

030217-PRRT-E-U-M

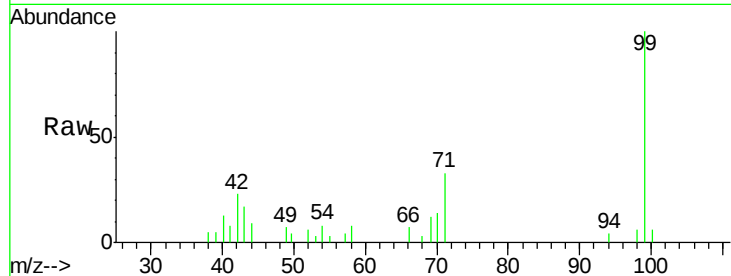
Tgt Ion: 99 Resp: 14275

Ion Ratio Lower Upper

99 100

42 22.9 15.6 23.4

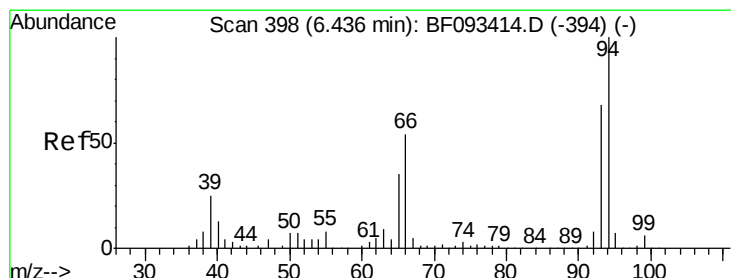
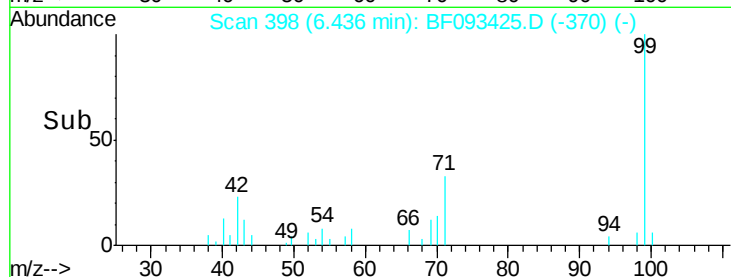
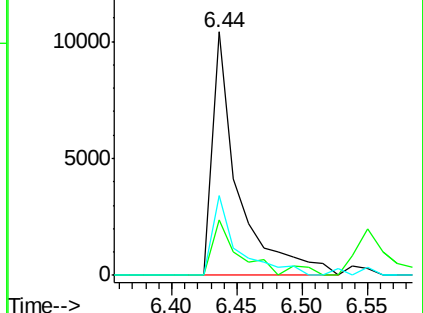
71 32.9 27.5 41.3



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



#10

Phenol

Concen: 6.73 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF093425.D

Acq: 7 Mar 2017 18:11

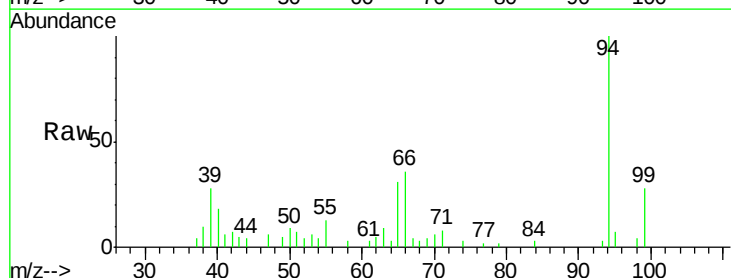
Tgt Ion: 94 Resp: 36378

Ion Ratio Lower Upper

94 100

65 30.6 21.4 61.4

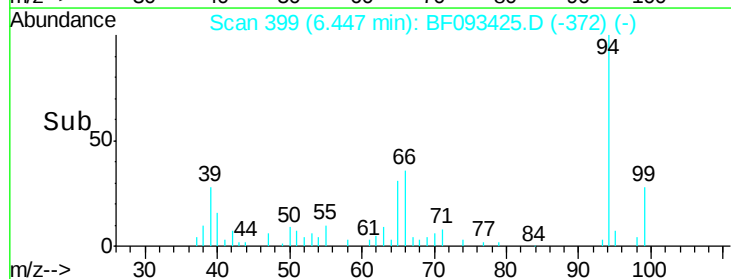
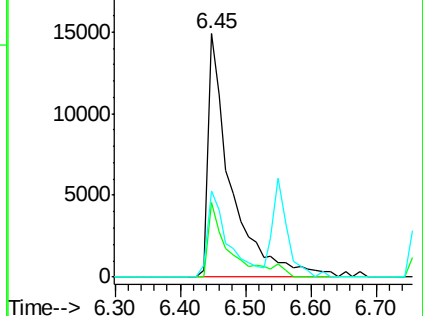
66 35.5 44.0 84.0#

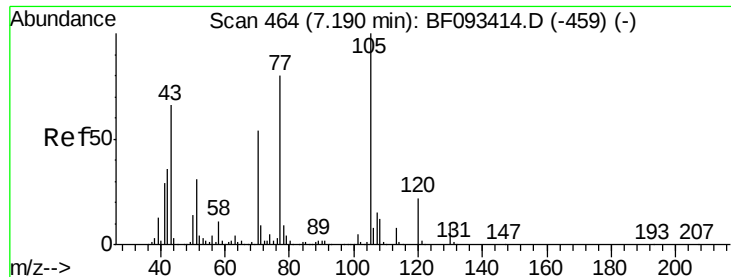


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

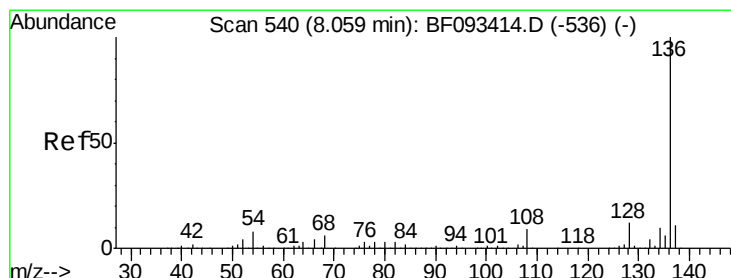
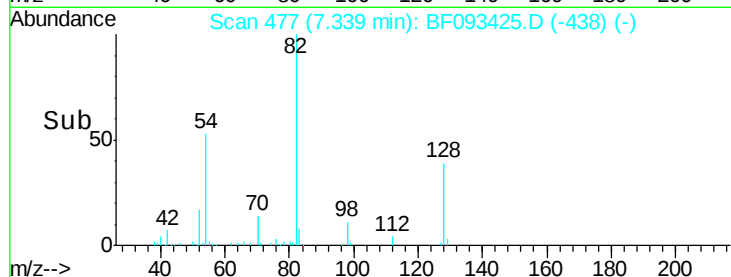
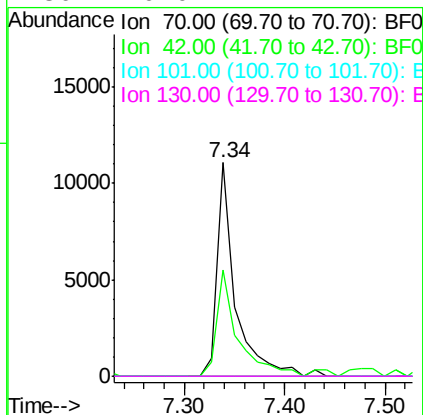
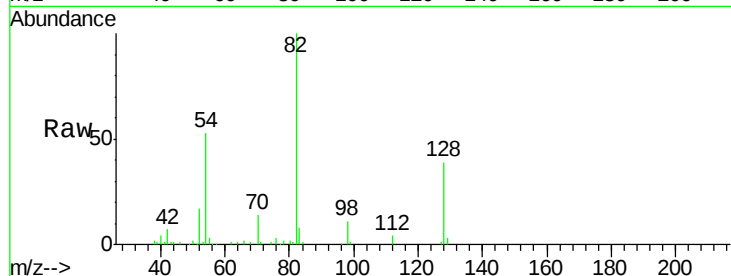




#19
n-Nitroso-di-n-propylamine
Concen: 4.61 ng
RT: 7.34 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF093425.D
Acq: 7 Mar 2017 18:11

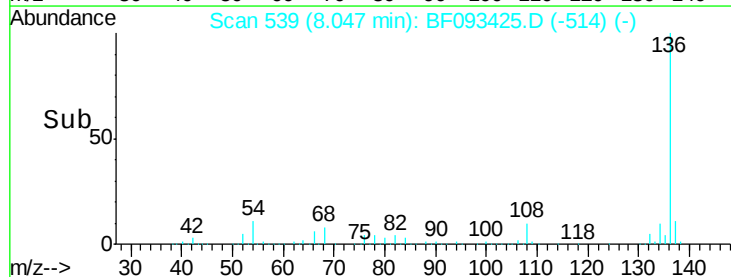
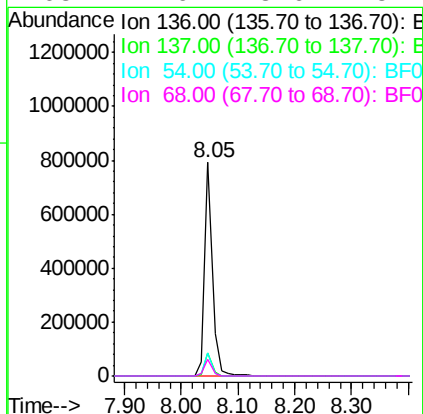
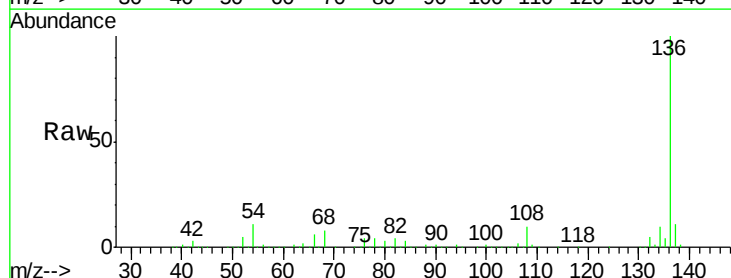
Instrument :
BNA_F
ClientSampleId :
030217-PRRT-E-U-M

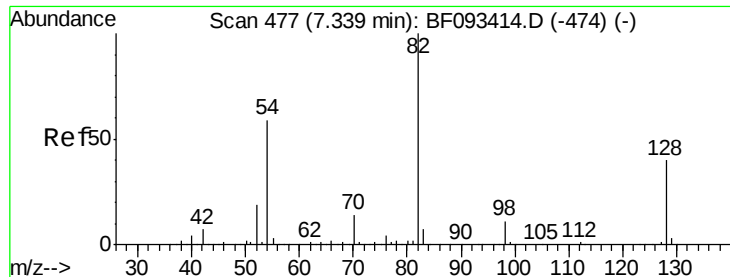
Tgt Ion: 70 Resp: 13978
Ion Ratio Lower Upper
70 100
42 49.9 49.4 74.0
101 0.0 7.4 11.2#
130 0.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093425.D
Acq: 7 Mar 2017 18:11

Tgt Ion: 136 Resp: 728126
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 10.7 4.5 6.7#
68 7.6 3.6 5.4#

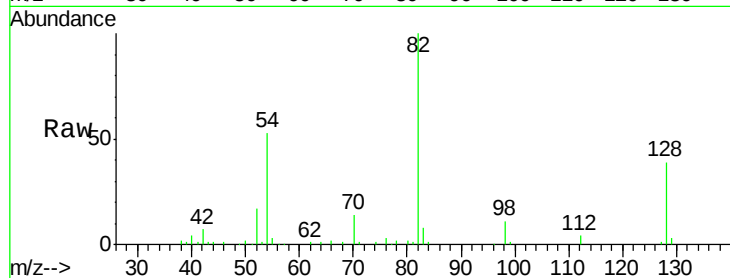




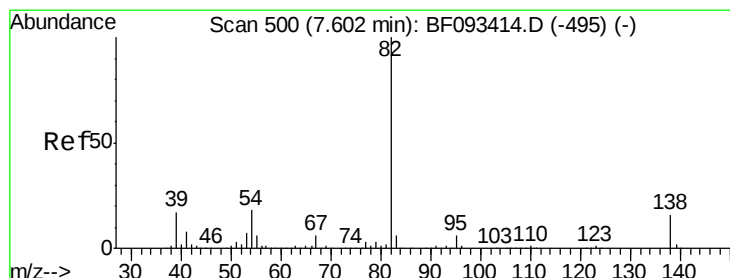
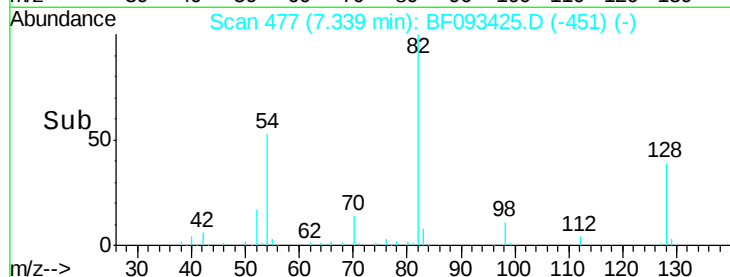
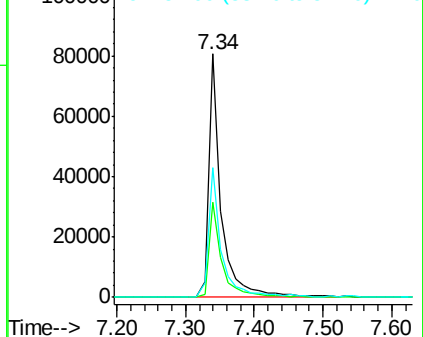
#23
Nitrobenzene-d5
Concen: 7.81 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093425.D
Acq: 7 Mar 2017 18:11

Instrument :
BNA_F
ClientSampleId :
030217-PRRT-E-U-M

Tgt Ion: 82 Resp: 102534
Ion Ratio Lower Upper
82 100
128 39.2 34.6 52.0
54 53.3 39.5 59.3

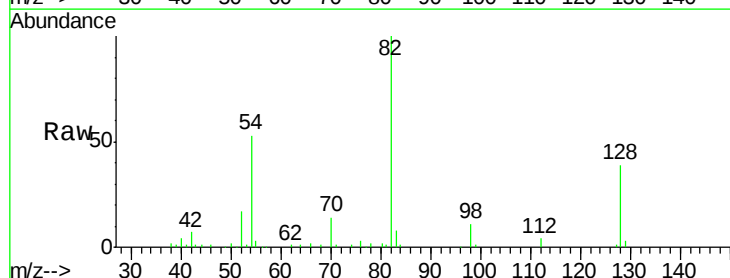


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

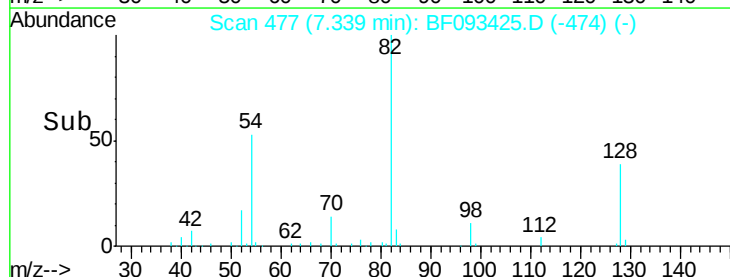
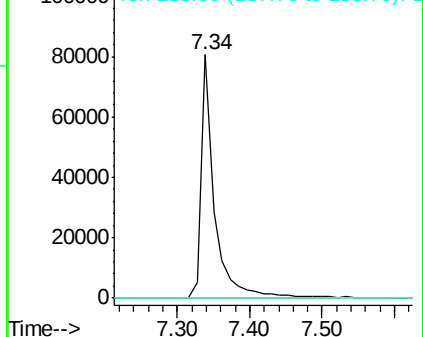


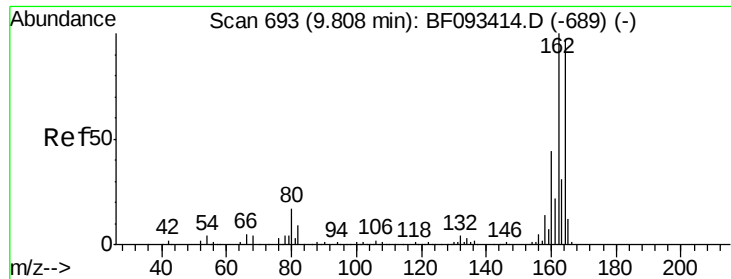
#25
Isophorone
Concen: 3.87 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF093425.D
Acq: 7 Mar 2017 18:11

Tgt Ion: 82 Resp: 102533
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: 9.80 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF093425.D

Acq: 7 Mar 2017 18:11

Instrument :

BNA_F

ClientSampleId :

030217-PRRT-E-U-M

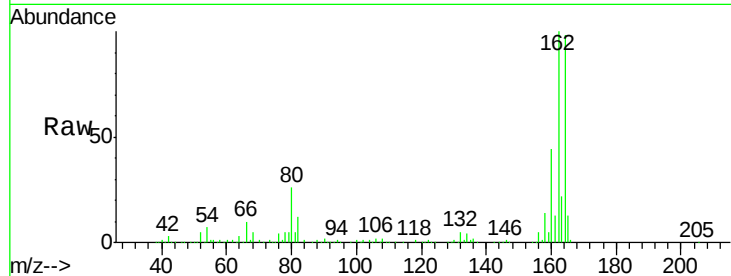
Tgt Ion:164 Resp: 320817

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

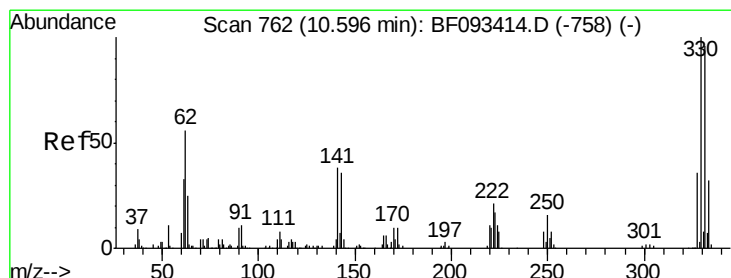
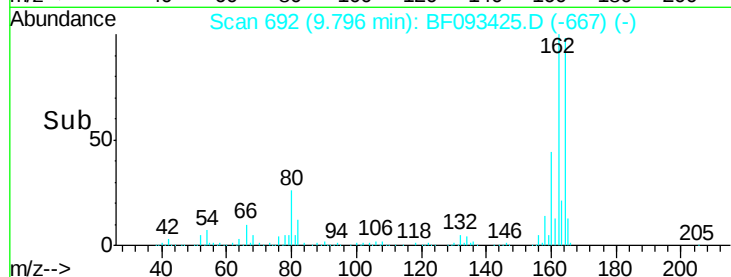
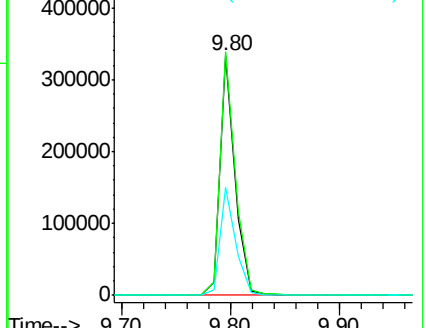
160 44.9 36.9 55.3



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: 3.61 ng

RT: 10.60 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF093425.D

Acq: 7 Mar 2017 18:11

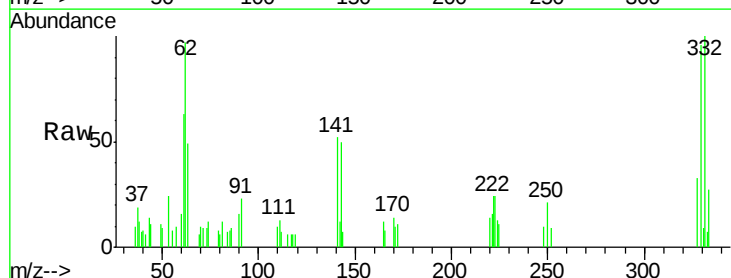
Tgt Ion:330 Resp: 7553

Ion Ratio Lower Upper

330 100

332 102.5 77.4 116.2

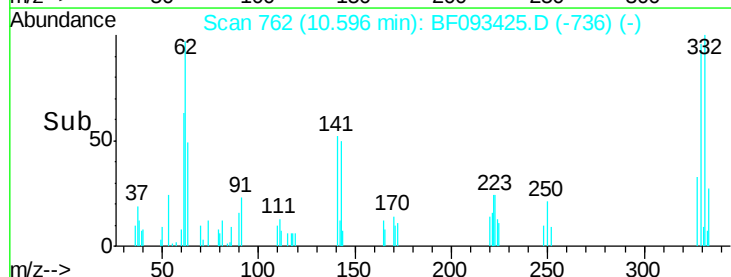
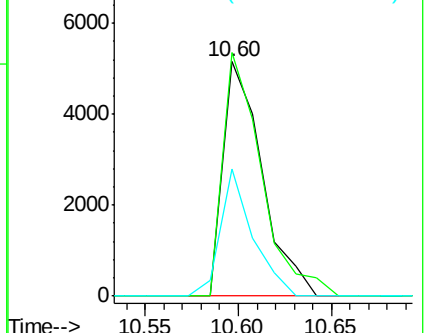
141 44.9 34.1 51.1

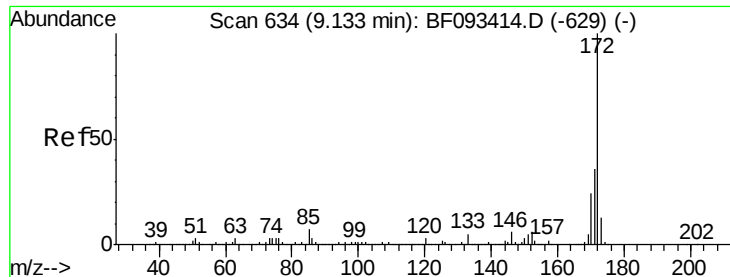


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 10.89 ng

RT: 9.12 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF093425.D

Acq: 7 Mar 2017 18:11

Instrument :

BNA_F

ClientSampleId :

030217-PRRT-E-U-M

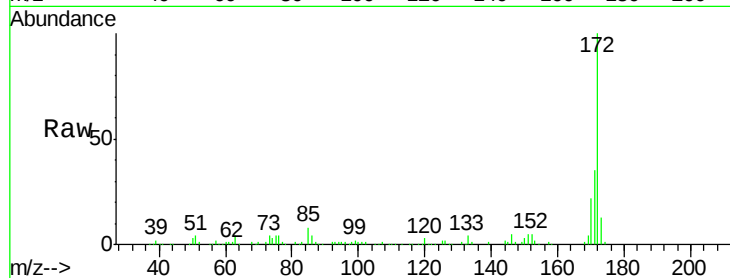
Tgt Ion:172 Resp: 187841

Ion Ratio Lower Upper

172 100

171 34.7 29.4 44.0

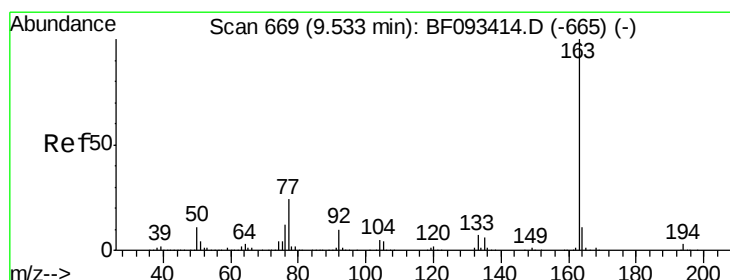
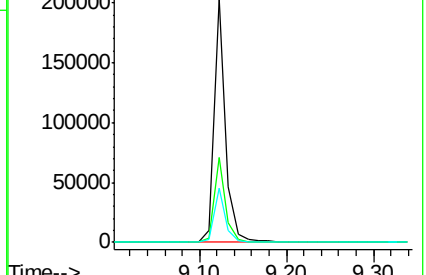
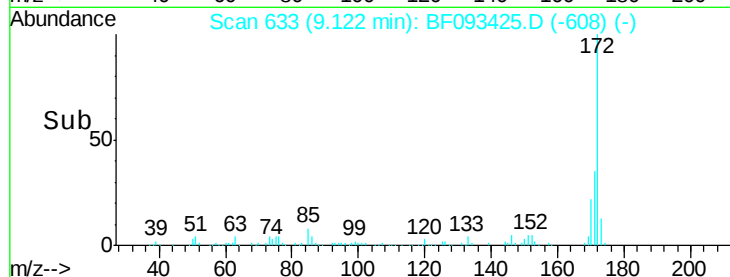
170 22.4 20.2 30.4



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



#49

Dimethylphthalate

Concen: 4.78 ng

RT: 9.52 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF093425.D

Acq: 7 Mar 2017 18:11

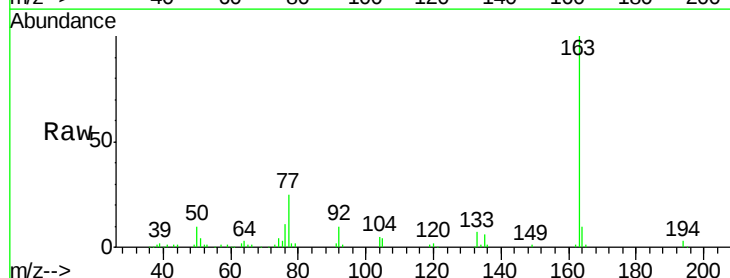
Tgt Ion:163 Resp: 101769

Ion Ratio Lower Upper

163 100

194 2.9 3.0 4.4#

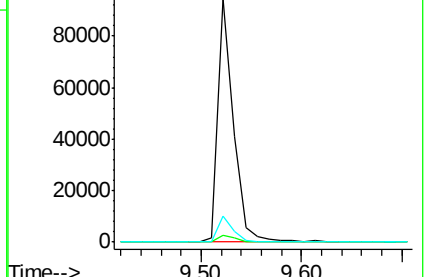
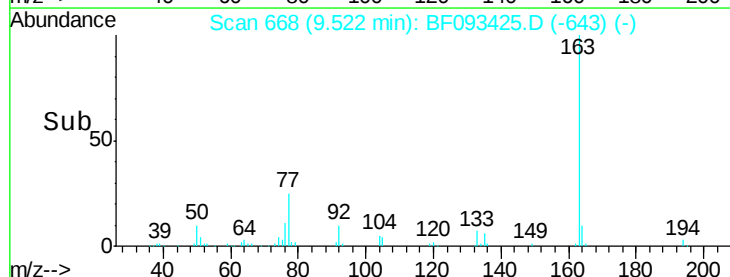
164 10.4 8.0 12.0

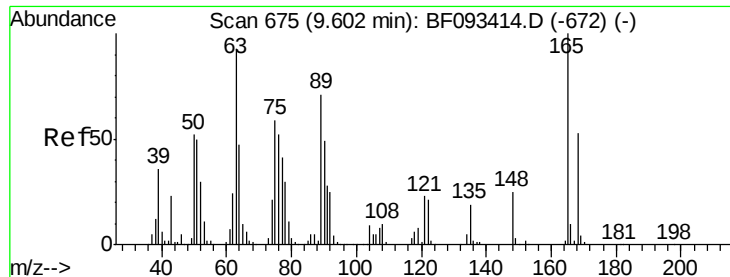


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

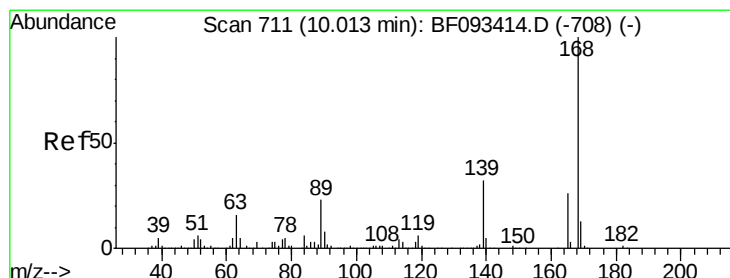
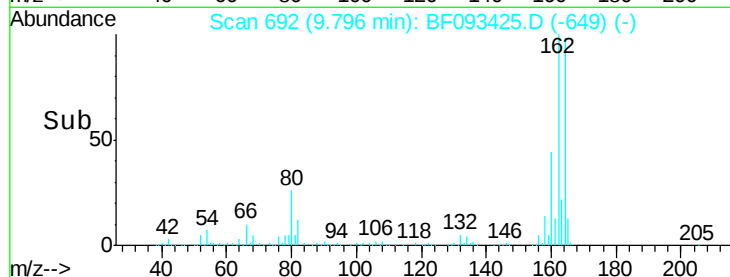
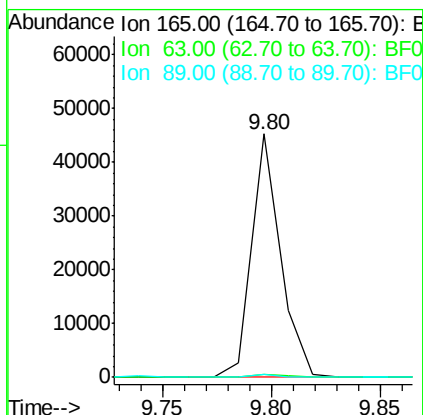
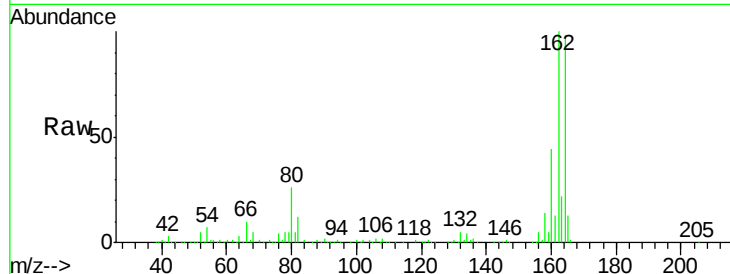




#50
 2,6-Dinitrotoluene
 Concen: 8.96 ng
 RT: 9.80 min Scan# 692
 Delta R.T. 0.19 min
 Lab File: BF093425.D
 Acq: 7 Mar 2017 18:11

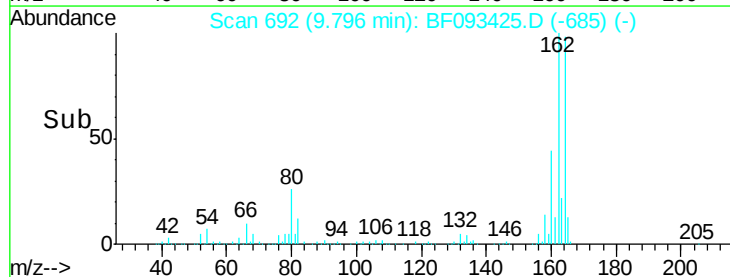
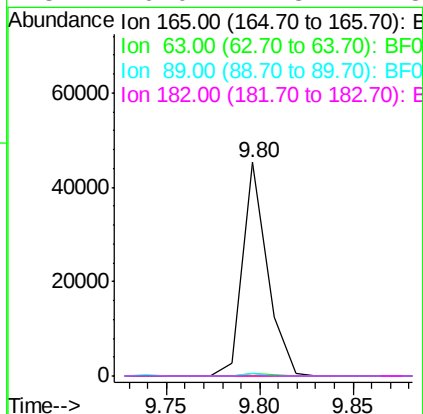
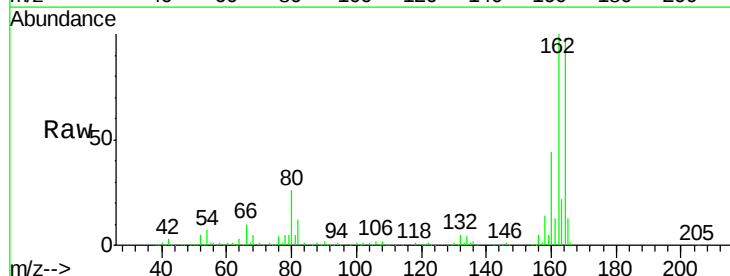
Instrument :
 BNA_F
 ClientSampleId :
 030217-PRRT-E-U-M

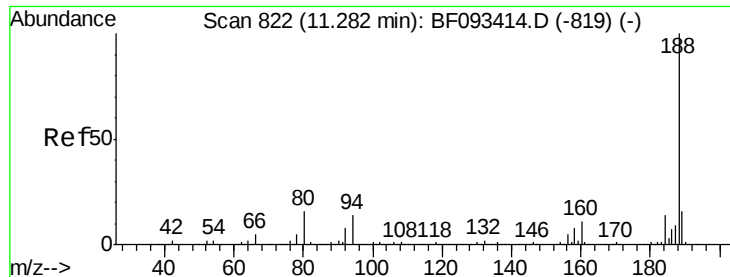
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	1.3	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.80 min Scan# 692
 Delta R.T. -0.22 min
 Lab File: BF093425.D
 Acq: 7 Mar 2017 18:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#

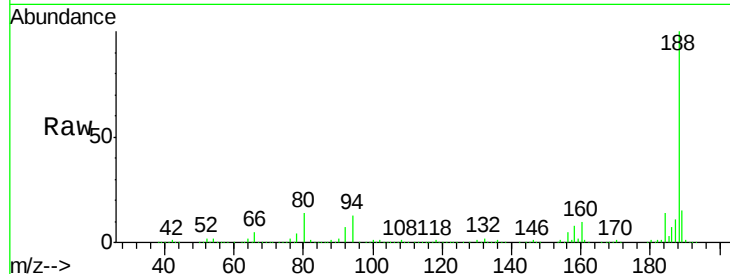




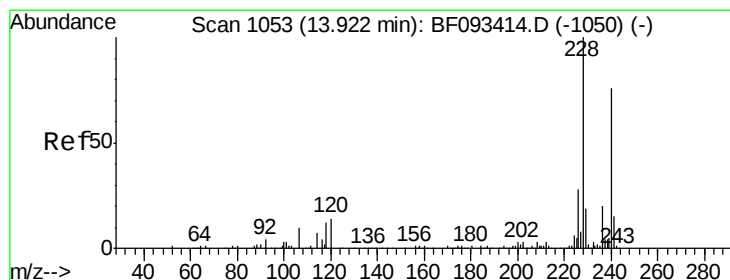
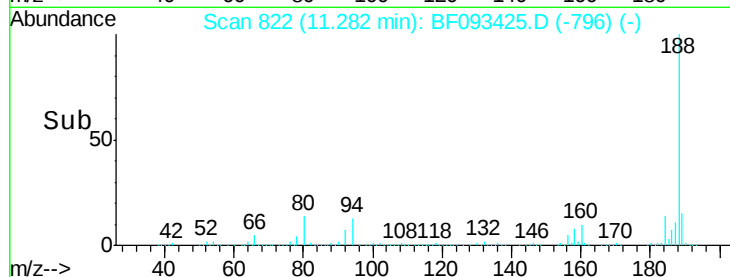
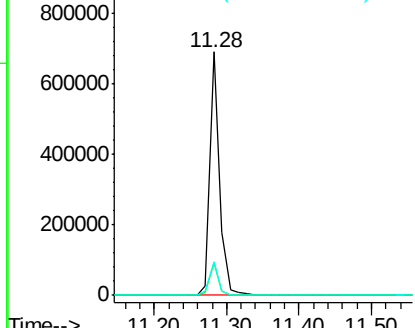
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093425.D
Acq: 7 Mar 2017 18:11

Instrument :
BNA_F
ClientSampleId :
030217-PRRT-E-U-M

Tgt Ion:188 Resp: 642302
Ion Ratio Lower Upper
188 100
94 13.4 10.0 15.0
80 13.6 11.2 16.8

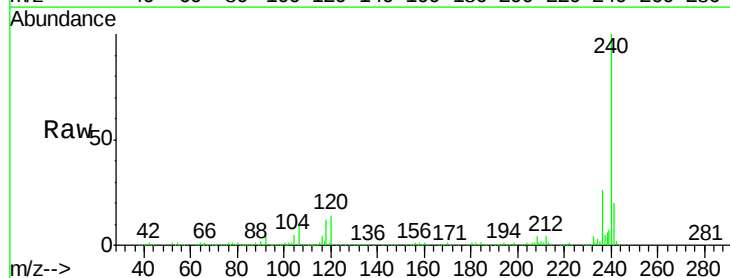


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

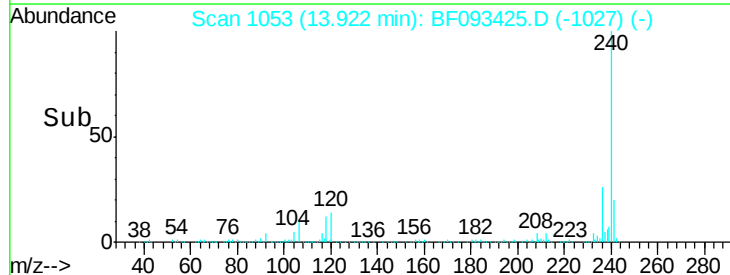
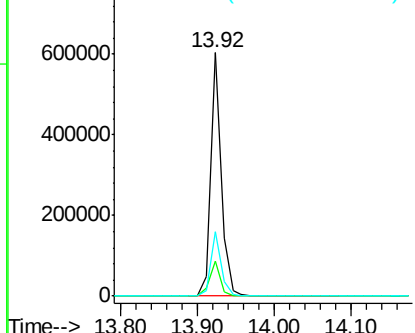


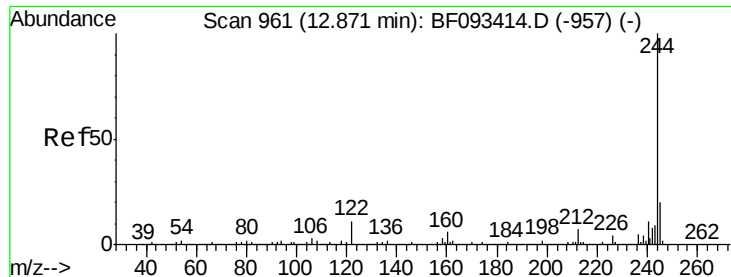
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF093425.D
Acq: 7 Mar 2017 18:11

Tgt Ion:240 Resp: 565628
Ion Ratio Lower Upper
240 100
120 14.2 12.9 19.3
236 26.3 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

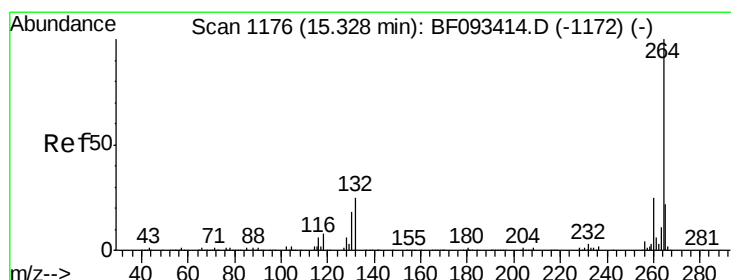
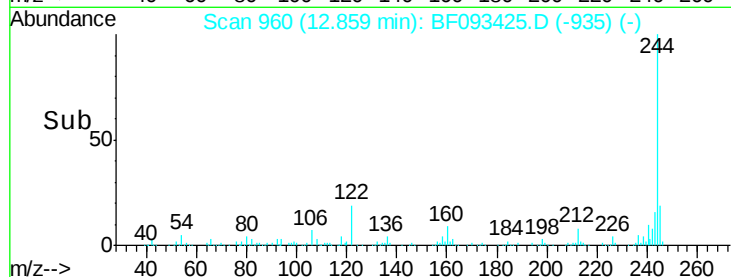
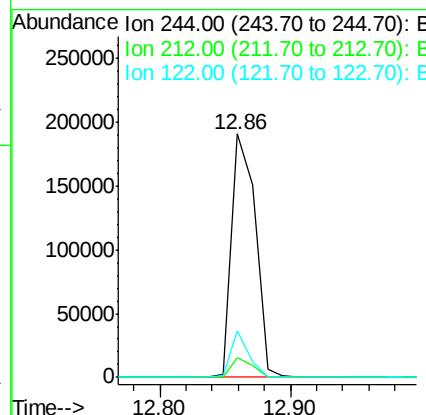
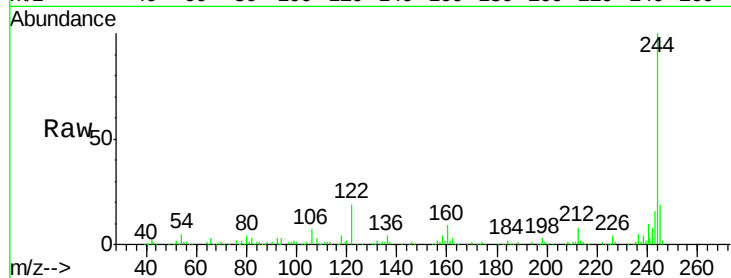




#78
 Terphenyl-d14
 Concen: 11.13 ng
 RT: 12.86 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF093425.D
 Acq: 7 Mar 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :
 030217-PRRT-E-U-M

Tgt Ion:244 Resp: 242166
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 18.8 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF093425.D
 Acq: 7 Mar 2017 18:11

Tgt Ion:264 Resp: 475357
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.8 17.4 26.0

