

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093440.D
 Acq On : 8 Mar 2017 20:40
 Operator : SJ/MA
 Sample : I2099-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 39C-9-11

Quant Time: Mar 09 00:05:46 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

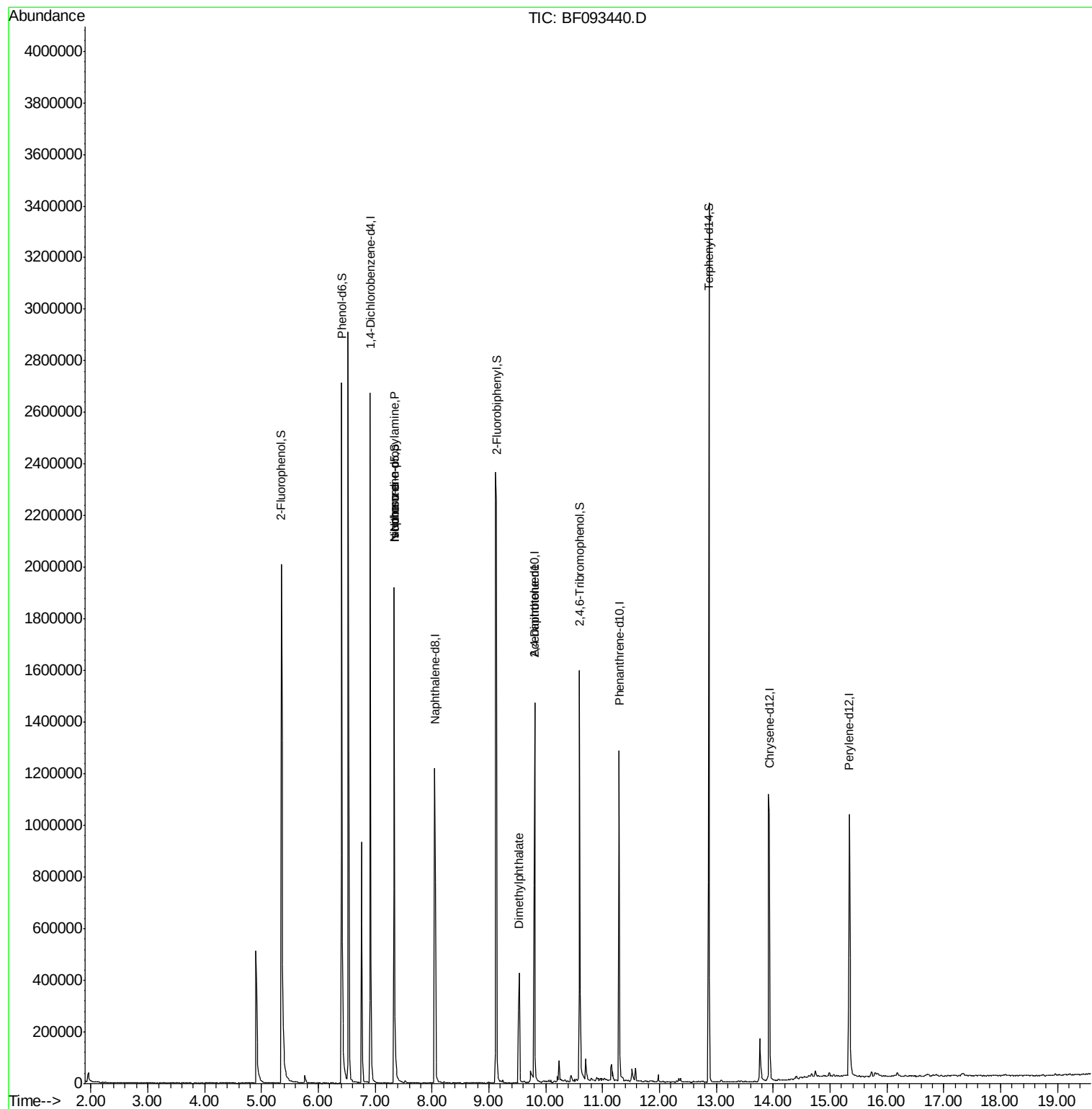
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	395969	20.00	ng	0.15
21) Naphthalene-d8	8.05	136	714118	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	344419	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	653174	20.00	ng	0.01
75) Chrysene-d12	13.93	240	574384	20.00	ng	0.01
86) Perylene-d12	15.34	264	464302	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	831354	34.94	ng	0.00
7) Phenol-d6	6.41	99	1133860	37.79	ng	0.00
23) Nitrobenzene-d5	7.34	82	749487	58.23	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	178738	79.65	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1158059	62.54	ng	0.00
78) Terphenyl-d14	12.87	244	992189	44.91	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	1612	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	97486	4.73 ng	#	79
25) Isophorone	7.34	82	749476	28.88 ng	#	65
49) Dimethylphthalate	9.53	163	237752	10.41 ng		100
56) 2,4-Dinitrotoluene	9.81	165	43742	7.11 ng	#	20

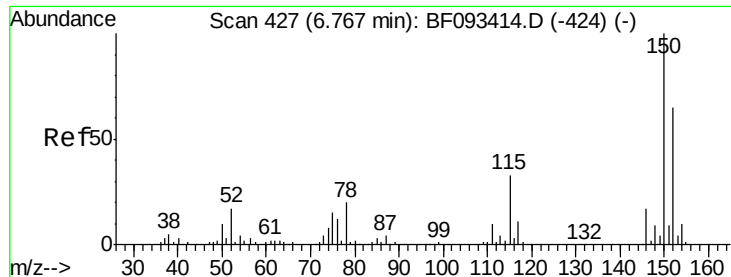
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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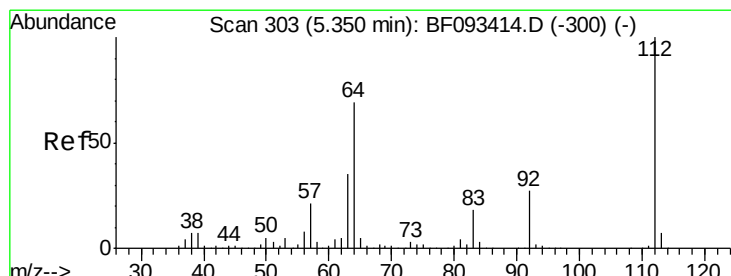
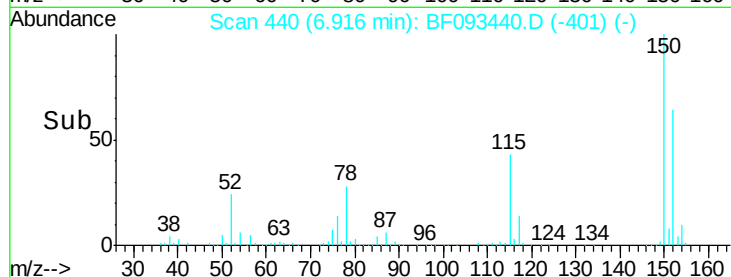
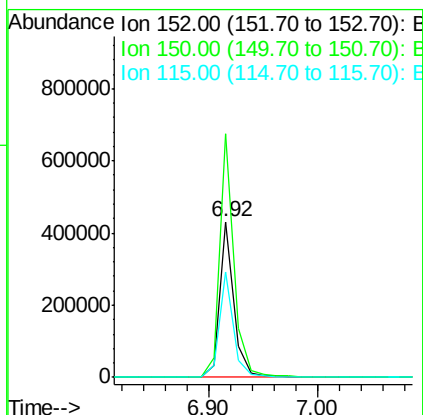
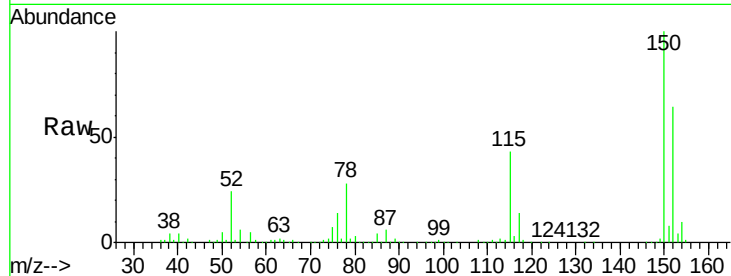




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 440
 Delta R.T. 0.15 min
 Lab File: BF093440.D
 Acq: 8 Mar 2017 20:40

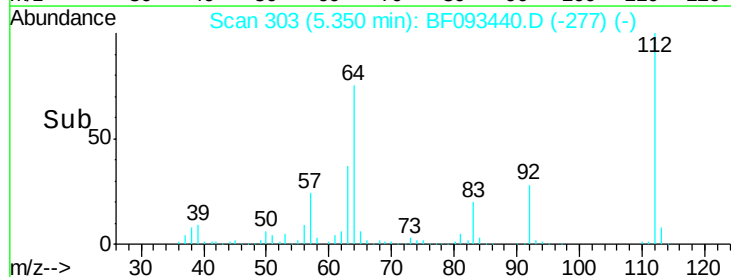
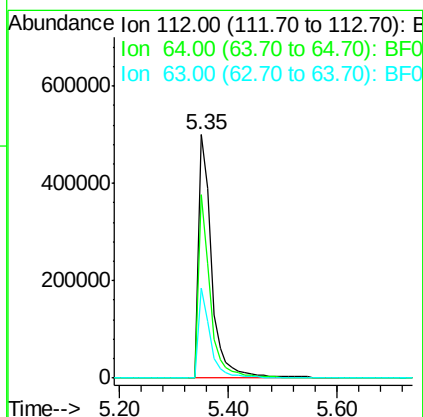
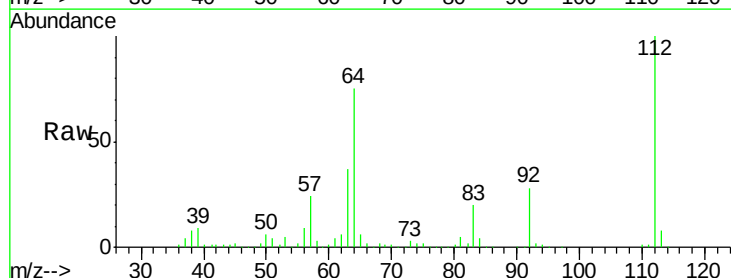
Instrument :
 BNA_F
 ClientSampleId :
 39C-9-11

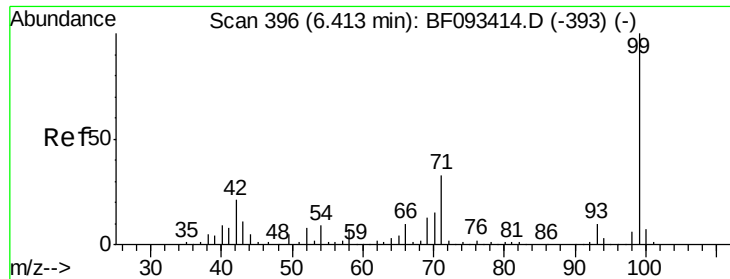
Tgt Ion:152 Resp: 395969
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.9 187.3
 115 68.0 46.0 69.0



#5
 2-Fluorophenol
 Concen: 34.94 ng
 RT: 5.35 min Scan# 303
 Delta R.T. -0.00 min
 Lab File: BF093440.D
 Acq: 8 Mar 2017 20:40

Tgt Ion:112 Resp: 831354
 Ion Ratio Lower Upper
 112 100
 64 75.1 46.1 69.1#
 63 37.2 23.8 35.6#





#7

Phenol-d6

Concen: 37.79 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093440.D

Acq: 8 Mar 2017 20:40

Instrument :

BNA_F

ClientSampled :

39C-9-11

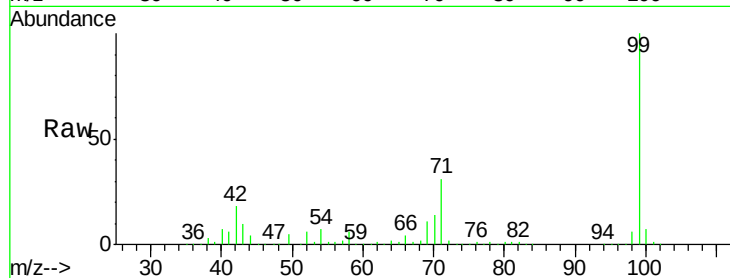
Tgt Ion: 99 Resp: 1133860

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

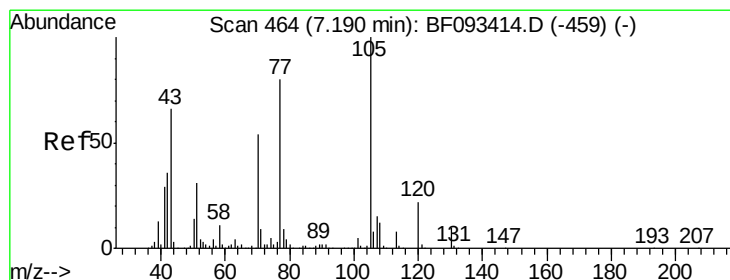
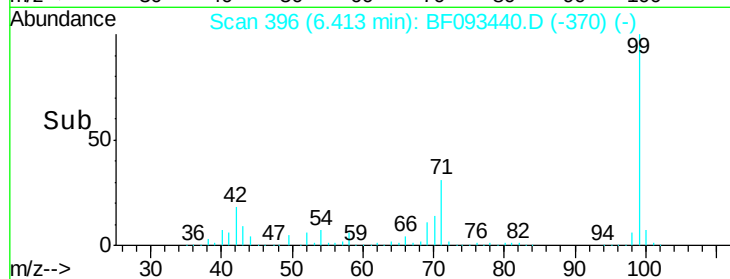
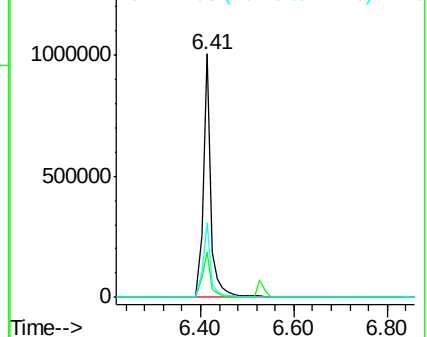
71 30.6 27.5 41.3



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: 4.73 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093440.D

Acq: 8 Mar 2017 20:40

Tgt Ion: 70 Resp: 97486

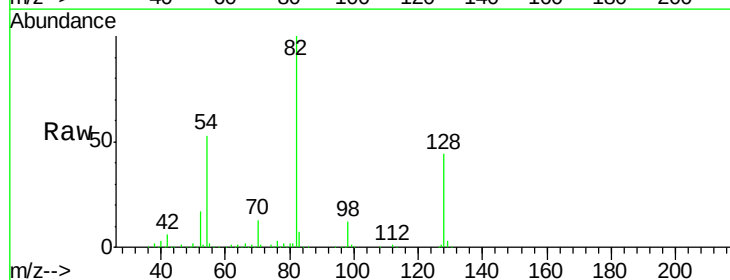
Ion Ratio Lower Upper

70 100

42 49.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

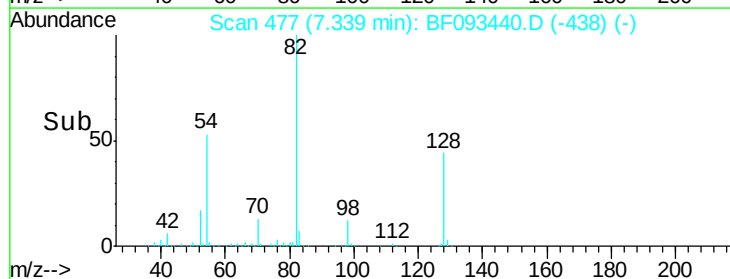
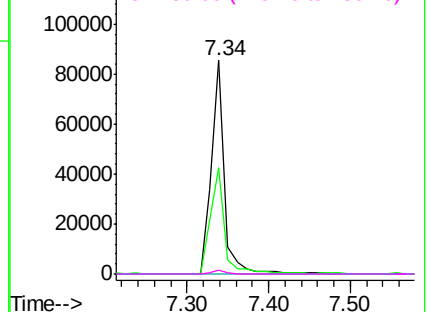


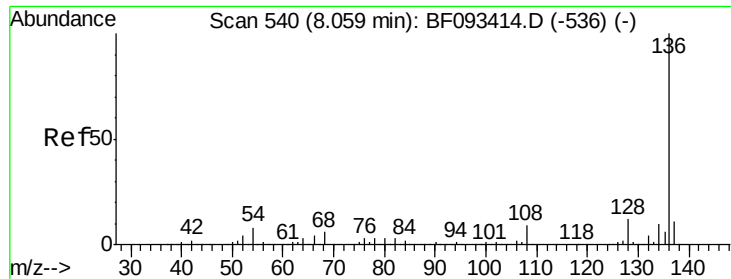
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

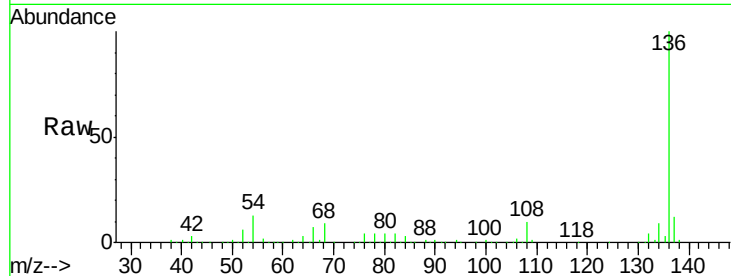




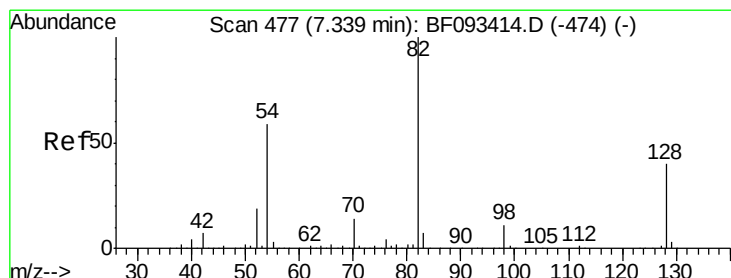
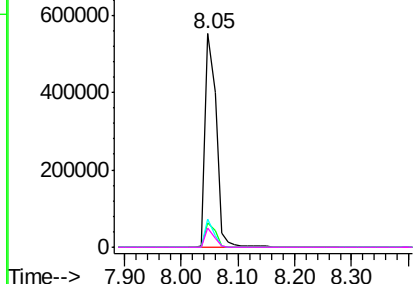
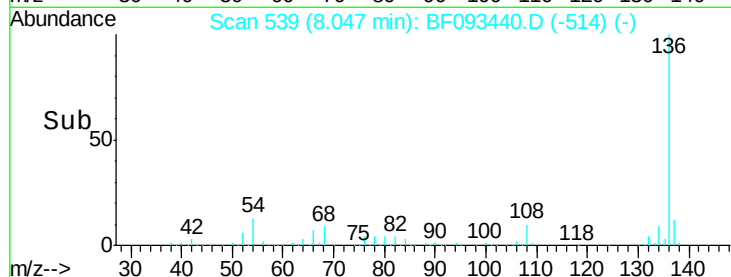
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Instrument :
BNA_F
ClientSampleId :
39C-9-11

Tgt Ion:	136	Resp:	714118
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	13.3	4.5	6.7#
68	9.3	3.6	5.4#

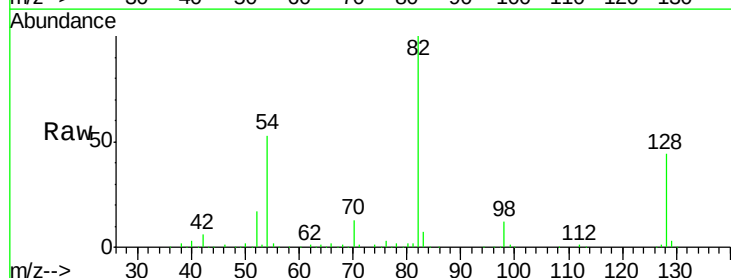


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

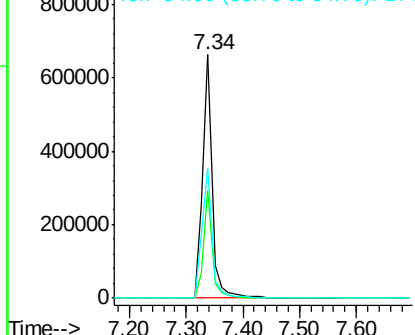
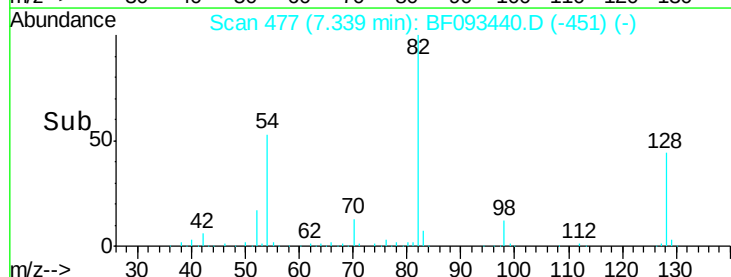


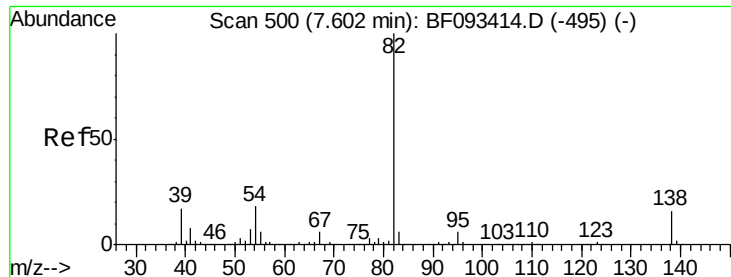
#23
Nitrobenzene-d5
Concen: 58.23 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:	82	Resp:	749487
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	53.4	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: 28.88 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093440.D

Acq: 8 Mar 2017 20:40

Instrument :

BNA_F

ClientSampleId :

39C-9-11

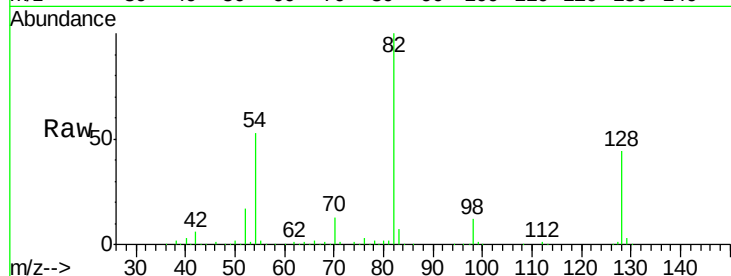
Tgt Ion: 82 Resp: 749476

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

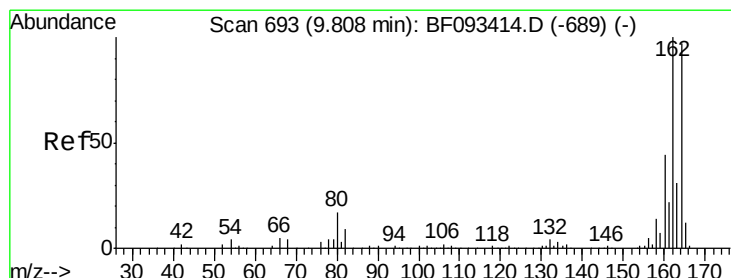
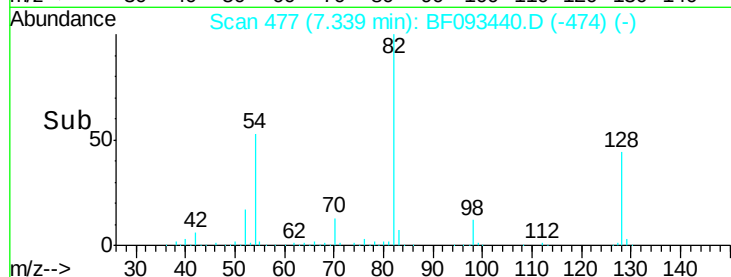
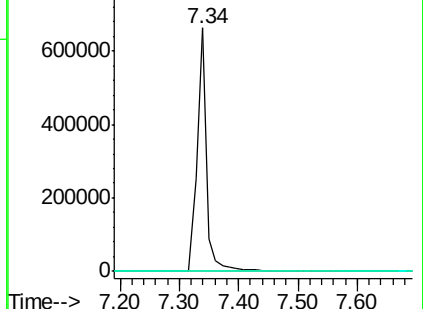
138 0.0 14.6 22.0#



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: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093440.D

Acq: 8 Mar 2017 20:40

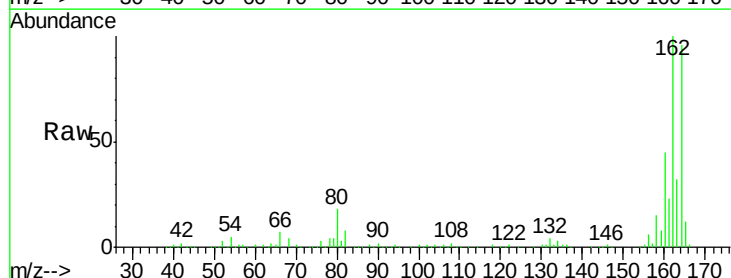
Tgt Ion: 164 Resp: 344419

Ion Ratio Lower Upper

164 100

162 104.2 80.2 120.2

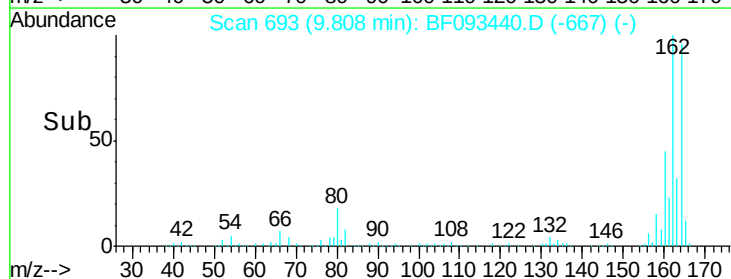
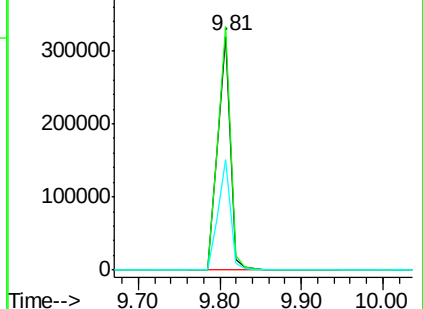
160 47.3 36.9 55.3

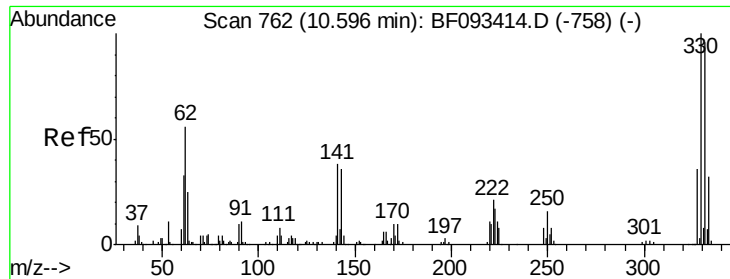


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

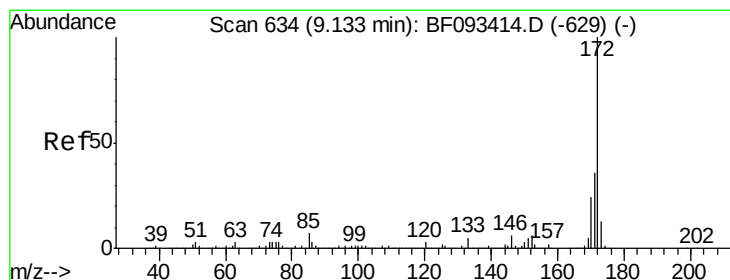
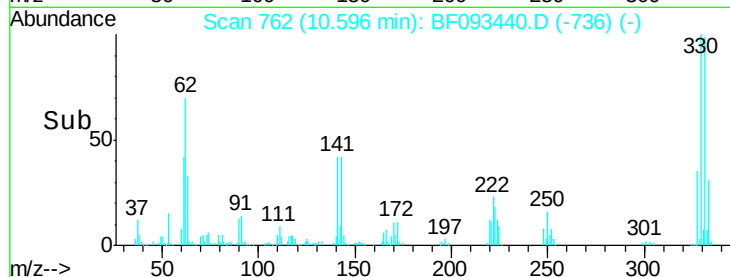
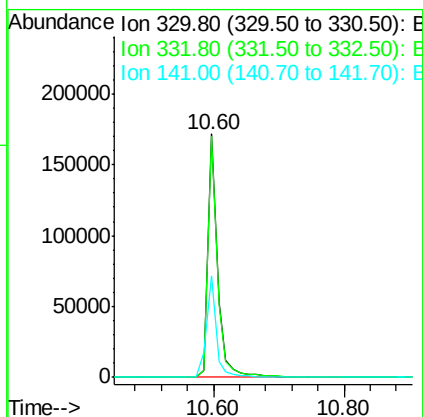
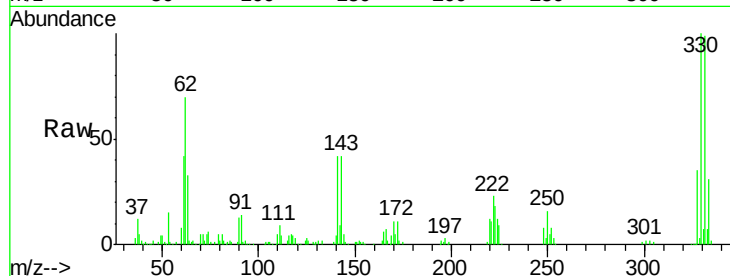




#41
 2,4,6-Tribromophenol
 Concen: 79.65 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093440.D
 Acq: 8 Mar 2017 20:40

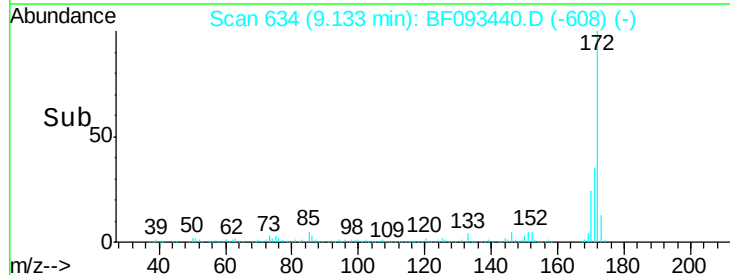
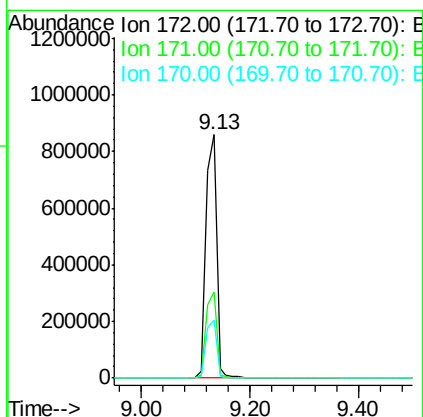
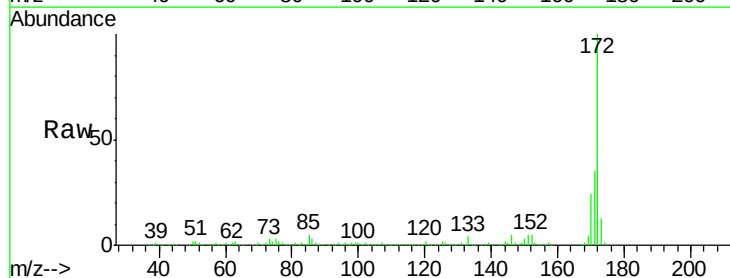
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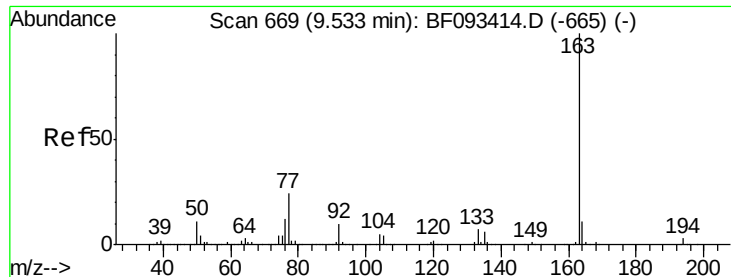
Tgt Ion:330 Resp: 178738
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.4 116.2
 141 43.2 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 62.54 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093440.D
 Acq: 8 Mar 2017 20:40

Tgt Ion:172 Resp: 1158059
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.9 20.2 30.4

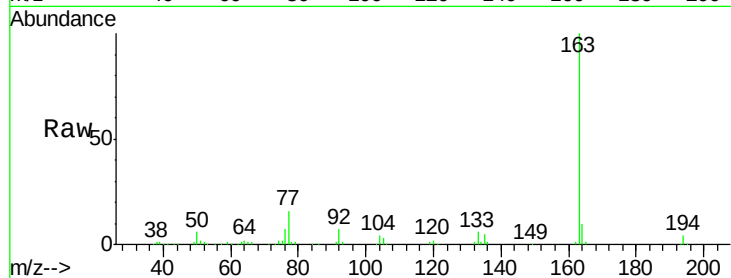




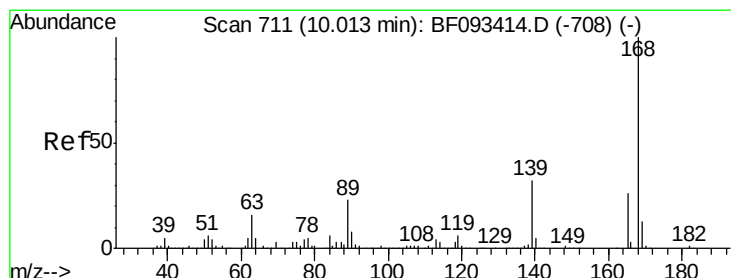
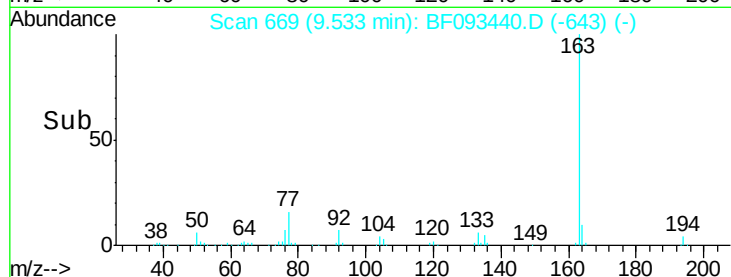
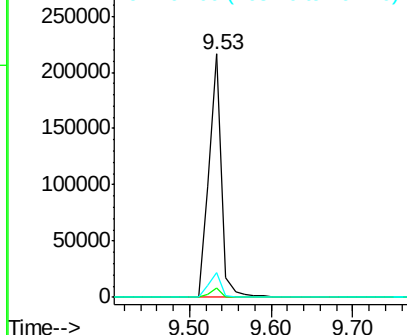
#49
Dimethylphthalate
Concen: 10.41 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Instrument :
BNA_F
ClientSampleId :
39C-9-11

Tgt Ion:163 Resp: 237752
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.9 8.0 12.0

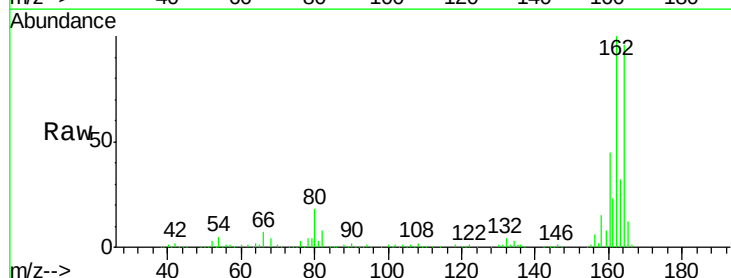


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

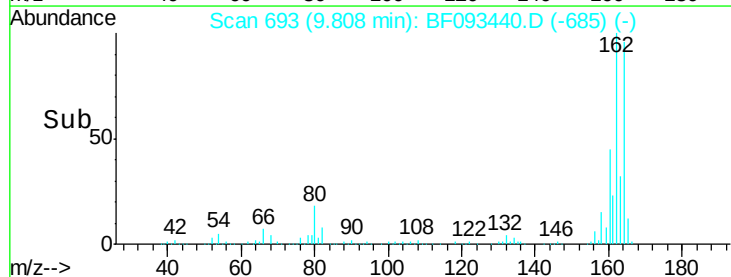
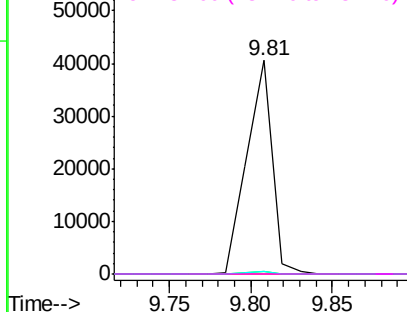


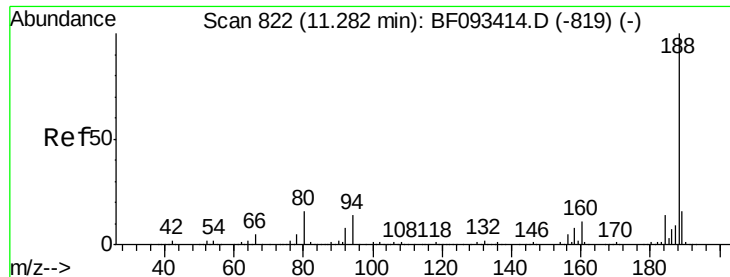
#56
2,4-Dinitrotoluene
Concen: 7.11 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.21 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:165 Resp: 43742
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

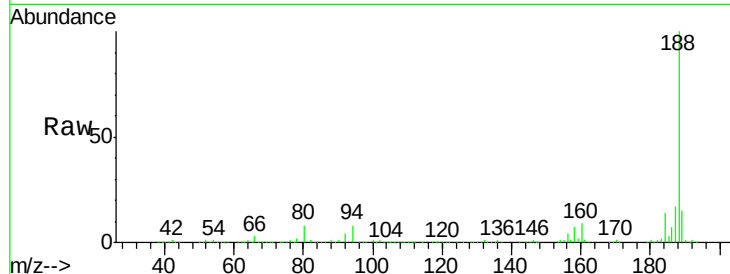




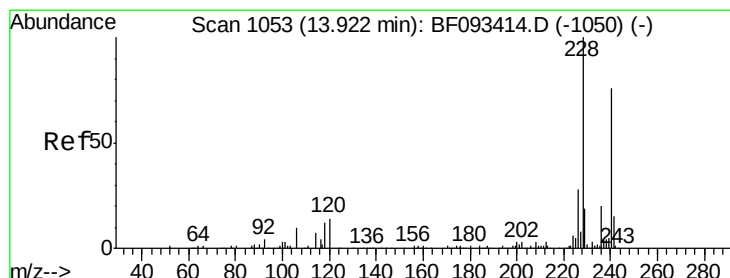
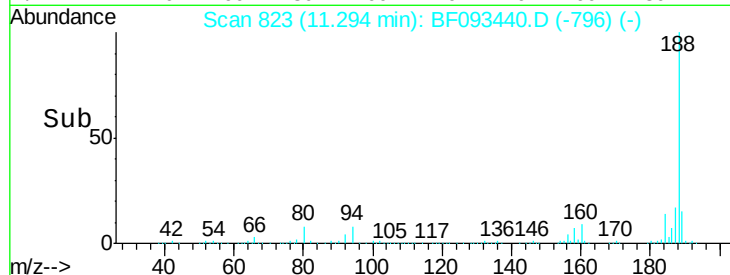
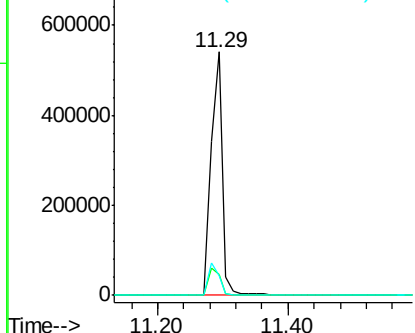
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Instrument :
BNA_F
ClientSampleId :
39C-9-11

Tgt Ion:188 Resp: 653174
Ion Ratio Lower Upper
188 100
94 8.4 10.0 15.0#
80 8.3 11.2 16.8#

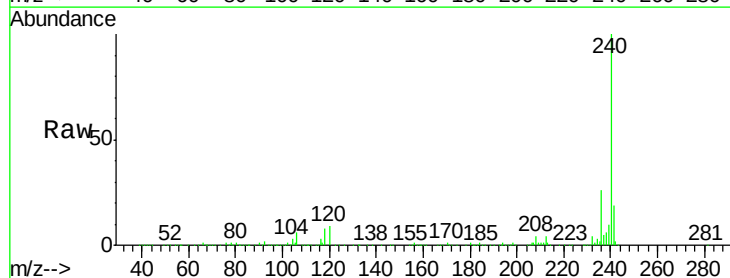


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

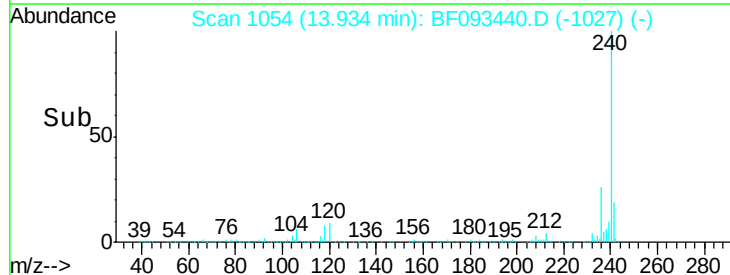
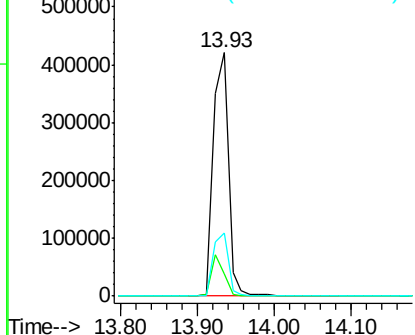


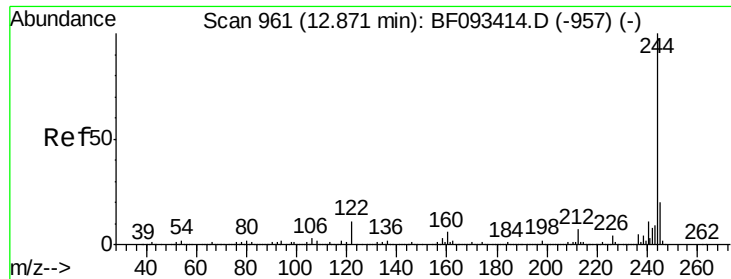
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093440.D
Acq: 8 Mar 2017 20:40

Tgt Ion:240 Resp: 574384
Ion Ratio Lower Upper
240 100
120 9.0 12.9 19.3#
236 25.8 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: 44.91 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093440.D

Acq: 8 Mar 2017 20:40

Instrument :

BNA_F

ClientSampled :

39C-9-11

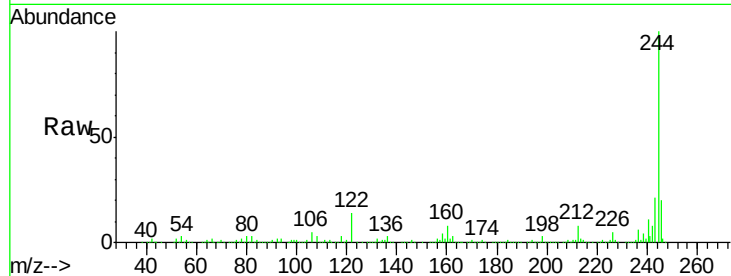
Tgt Ion:244 Resp: 992189

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

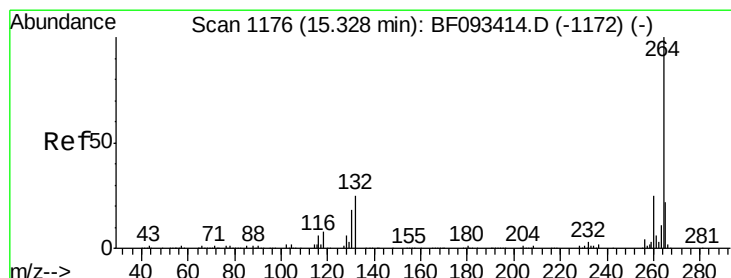
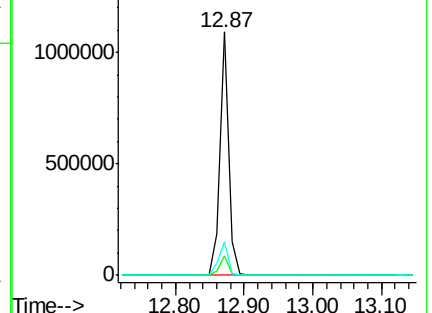
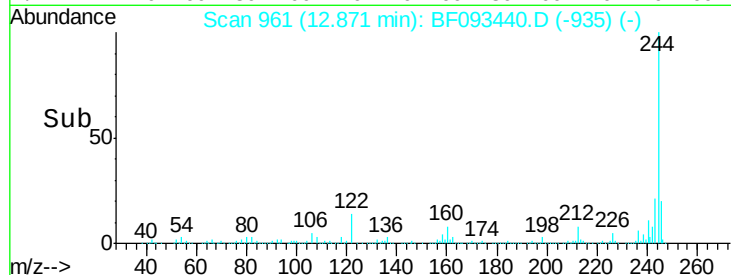
122 13.8 11.4 17.2



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: BF093440.D

Acq: 8 Mar 2017 20:40

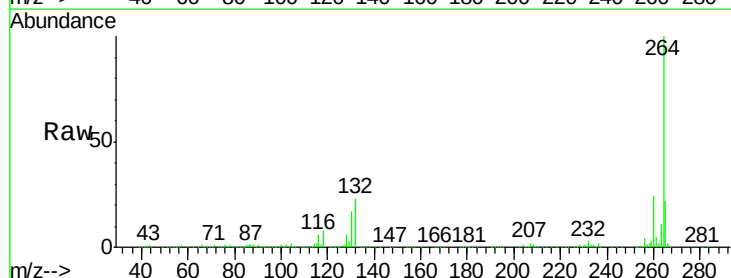
Tgt Ion:264 Resp: 464302

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 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

