

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093709.D
 Acq On : 16 Mar 2017 16:40
 Operator : SJ/MA
 Sample : I2255-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Quant Time: Mar 17 00:54:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

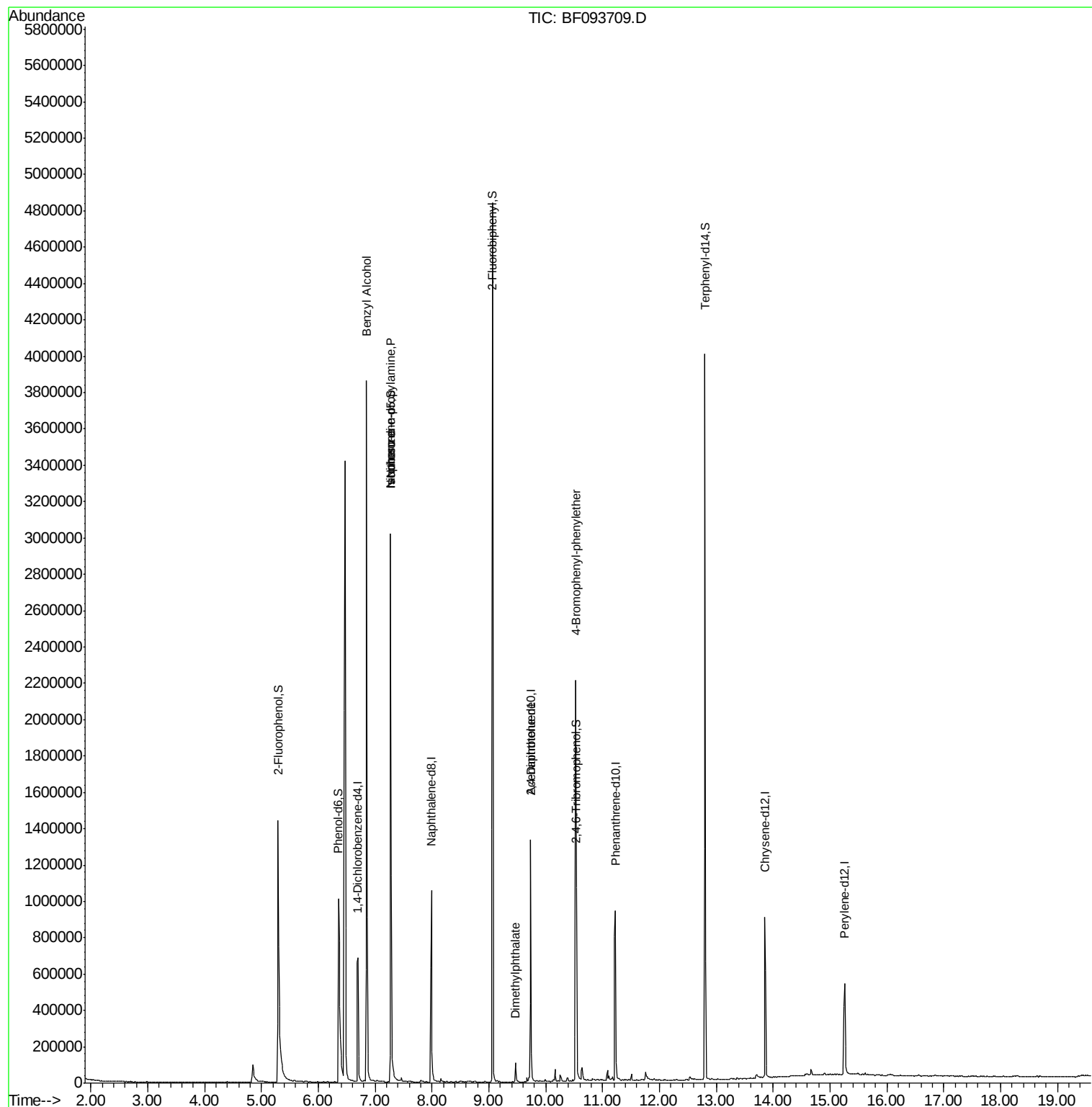
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	166991	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	636561	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	281511	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	504098	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	398640	20.00	ng	-0.03
86) Perylene-d12	15.26	264	272038	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	717533	71.51	ng	-0.02
7) Phenol-d6	6.36	99	668586	52.84	ng	-0.02
23) Nitrobenzene-d5	7.27	82	1137429	99.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	320574	174.79	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1605512	106.08	ng	-0.02
78) Terphenyl-d14	12.80	244	1324770	86.40	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.37	77	1192	Below Cal	#	1
15) Benzyl Alcohol	6.85	79	18851	2.09 ng	#	48
19) n-Nitroso-di-n-propylamine	7.27	70	151778	17.45 ng	#	86
25) Isophorone	7.27	82	1098199	47.47 ng	#	65
49) Dimethylphthalate	9.46	163	62827	3.37 ng		97
56) 2,4-Dinitrotoluene	9.74	165	34412	6.84 ng	#	20
66) 4-Bromophenyl-phenylether	10.53	248	21491	4.03 ng	#	1

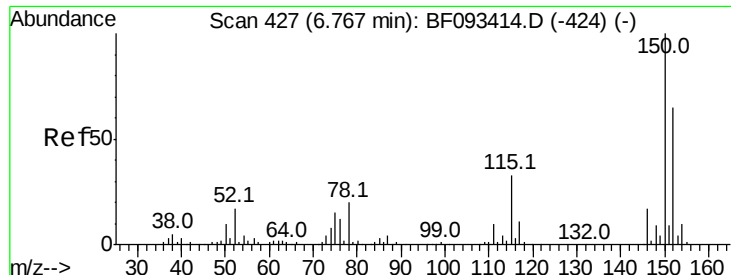
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
Data File : BF093709.D
Acq On : 16 Mar 2017 16:40
Operator : SJ/MA
Sample : I2255-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-25

Quant Time: Mar 17 00:54:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

Instrument :

BNA_F

ClientSampleId :

W-25

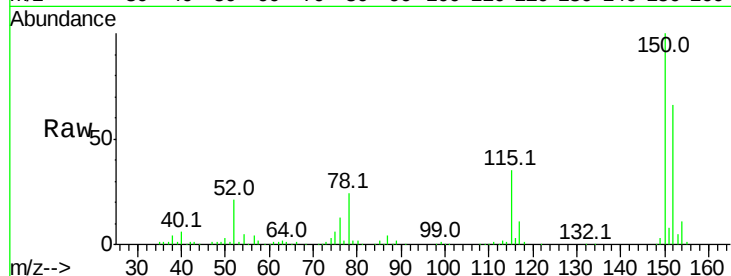
Tot Ion:152 Resp: 166991

Ion Ratio Lower Upper

152 100

150 151.4 124.9 187.3

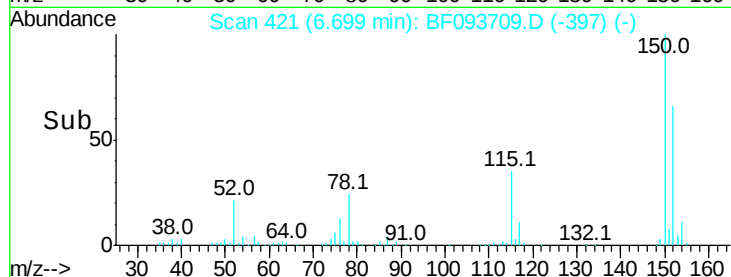
115 53.2 46.0 69.0



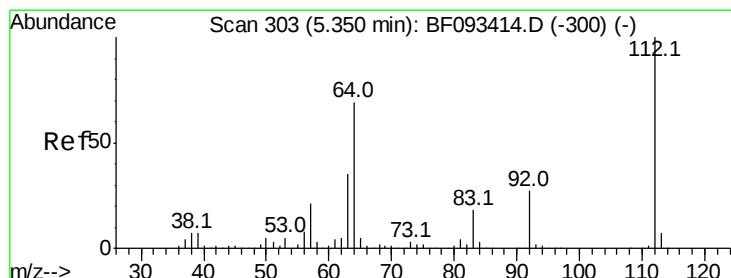
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 71.51 ng

RT: 5.29 min Scan# 298

Delta R.T. -0.02 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

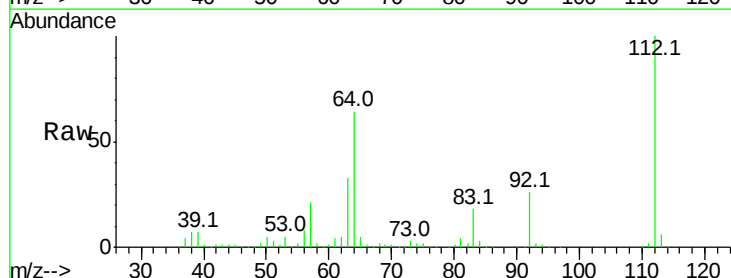
Tgt Ion:112 Resp: 717533

Ion Ratio Lower Upper

112 100

64 64.5 46.1 69.1

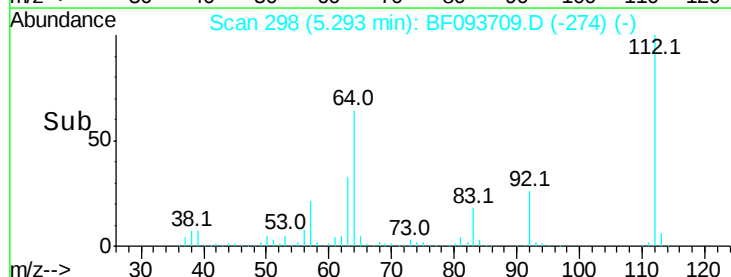
63 32.8 23.8 35.6



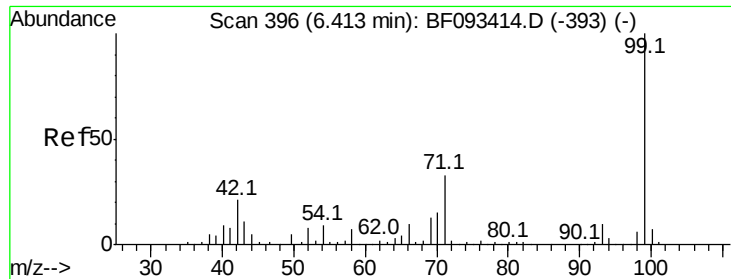
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 52.84 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

Instrument :

BNA_F

ClientSampled :

W-25

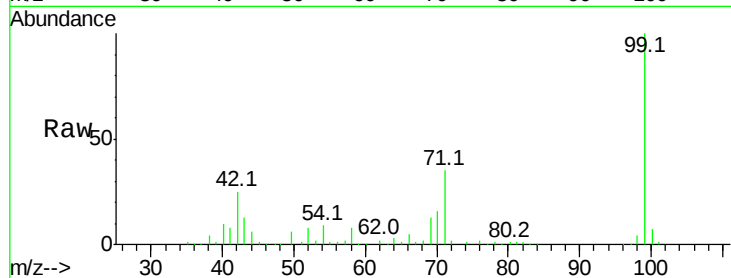
Tot Ion: 99 Resp: 668586

Ion Ratio Lower Upper

99 100

42 25.0 15.6 23.4#

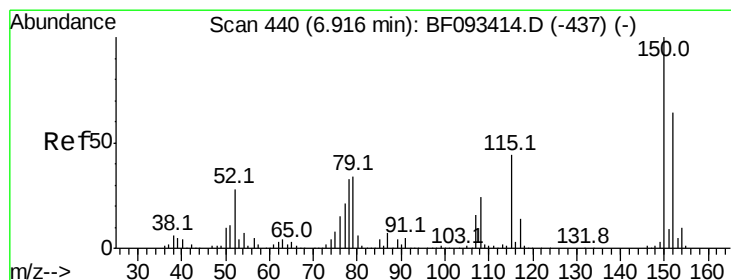
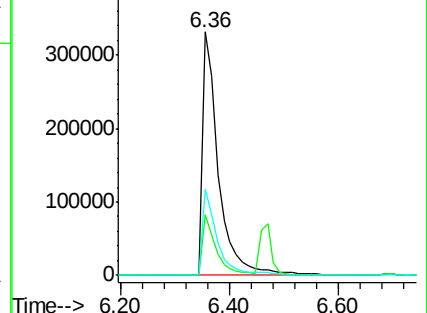
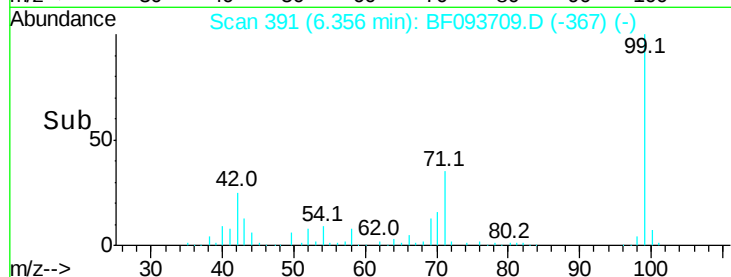
71 35.4 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.03 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

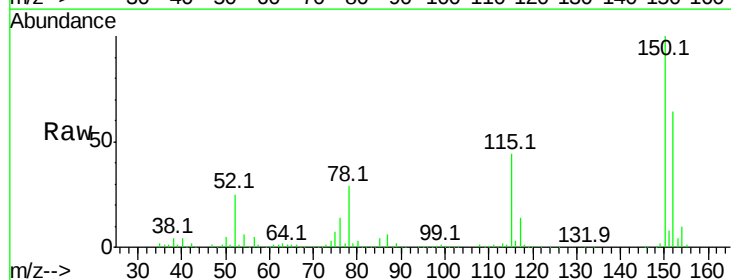
Tgt Ion: 79 Resp: 18851

Ion Ratio Lower Upper

79 100

108 30.4 61.4 92.0#

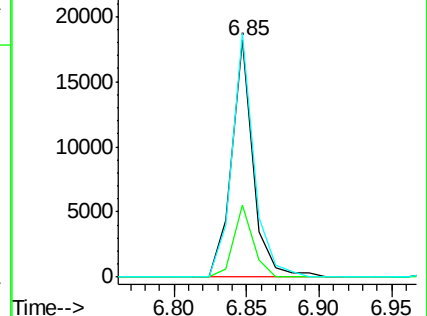
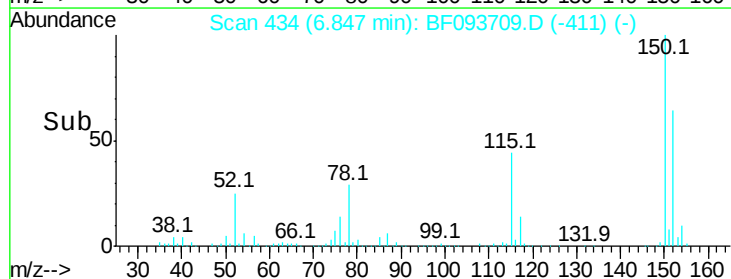
77 102.8 50.9 76.3#

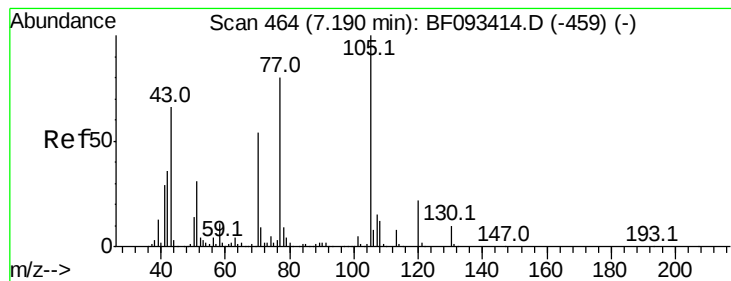


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.45 ng

RT: 7.27 min Scan# 471

Delta R.T. 0.13 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

Instrument :

BNA_F

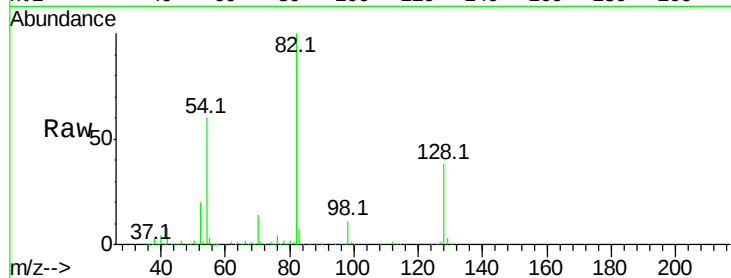
ClientSampleId :

W-25

Tot Ion: 70 Resp: 151778

Ion Ratio Lower Upper

70	100		
42	56.9	49.4	74.0
101	0.0	7.4	11.2#
130	2.4	14.2	21.4#

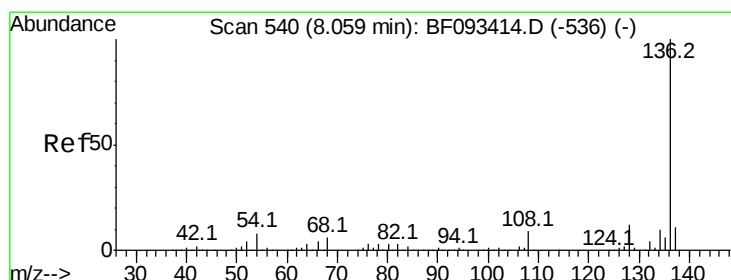
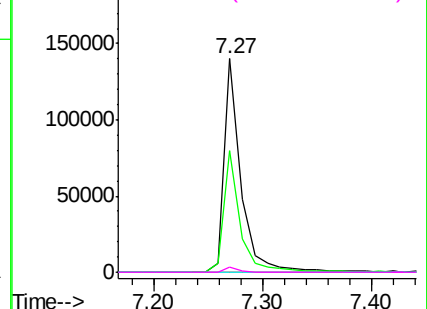
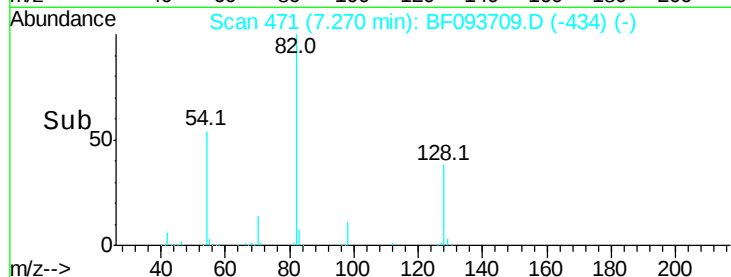


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 534

Delta R.T. -0.02 min

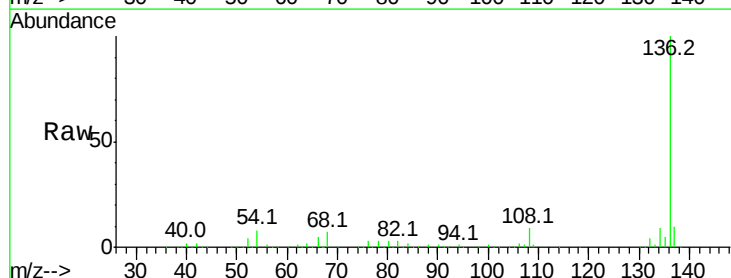
Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

Tgt Ion: 136 Resp: 636561

Ion Ratio Lower Upper

136	100		
137	10.5	8.4	12.6
54	8.4	4.5	6.7#
68	6.5	3.6	5.4#

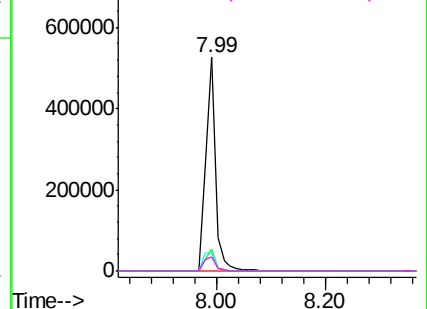
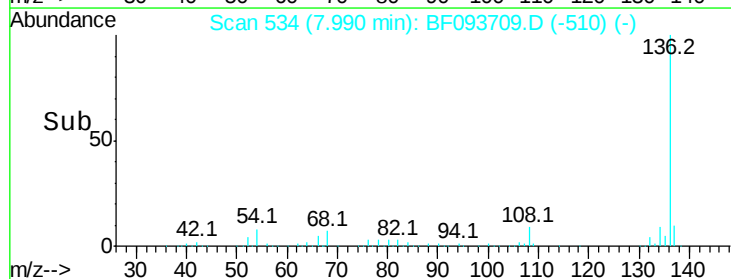


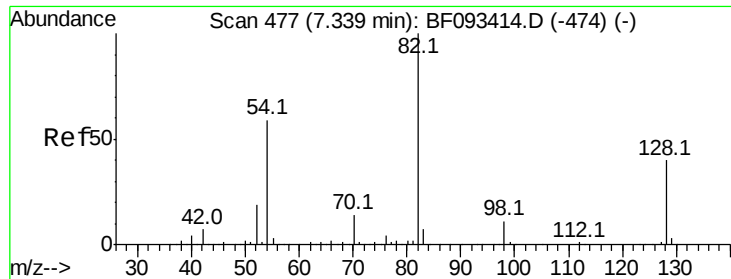
Abundance Ion 136.00 (135.70 to 136.70): E

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

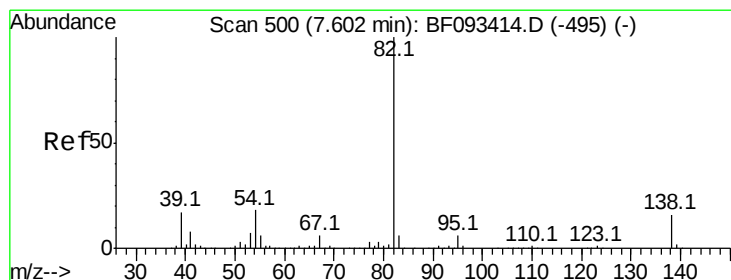
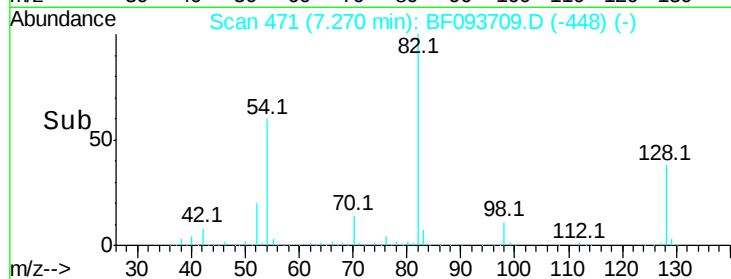
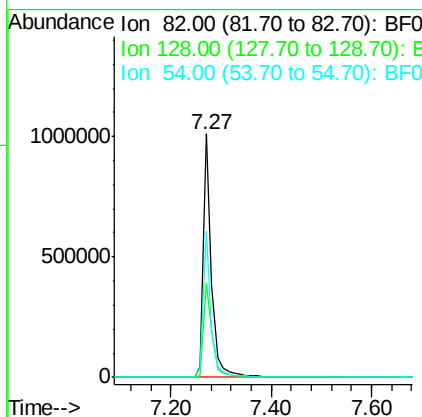
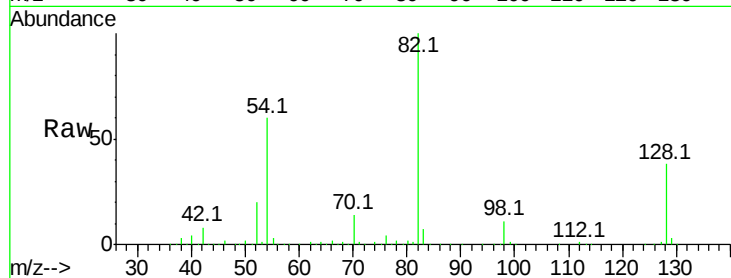




#23
 Nitrobenzene-d5
 Concen: 99.14 ng
 RT: 7.27 min Scan# 471
 Delta R.T. -0.03 min
 Lab File: BF093709.D
 Acq: 16 Mar 2017 16:40

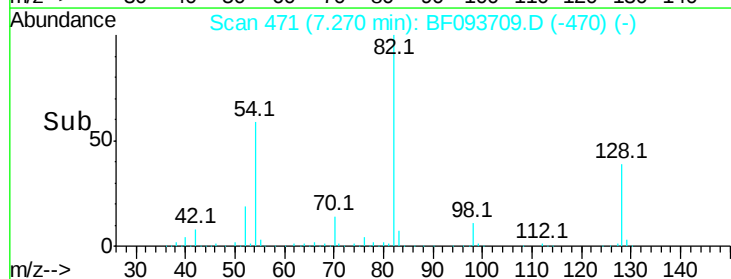
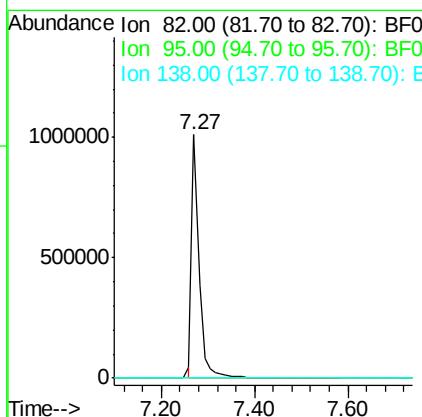
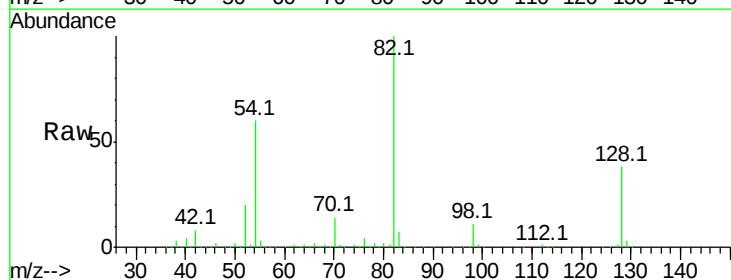
Instrument :
 BNA_F
 ClientSampleId :
 W-25

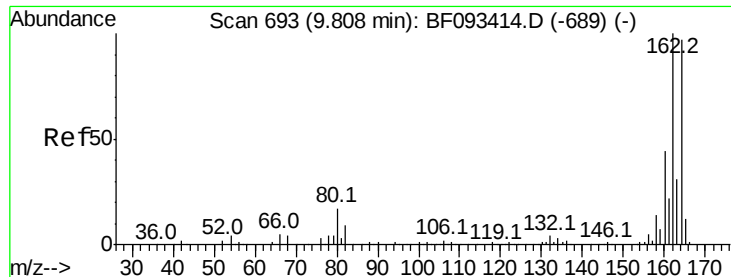
Tot Ion: 82 Resp: 1137429
 Ion Ratio Lower Upper
 82 100
 128 38.4 34.6 52.0
 54 60.2 39.5 59.3#



#25
 Isophorone
 Concen: 47.47 ng
 RT: 7.27 min Scan# 471
 Delta R.T. -0.29 min
 Lab File: BF093709.D
 Acq: 16 Mar 2017 16:40

Tgt Ion: 82 Resp: 1098199
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

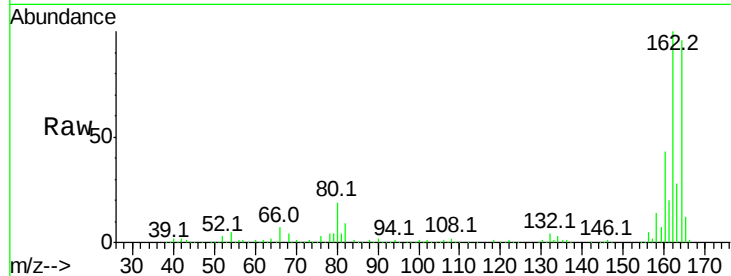




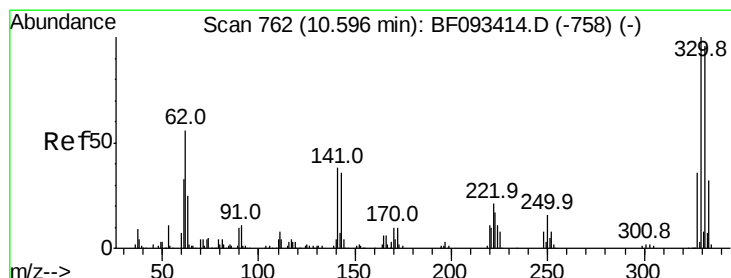
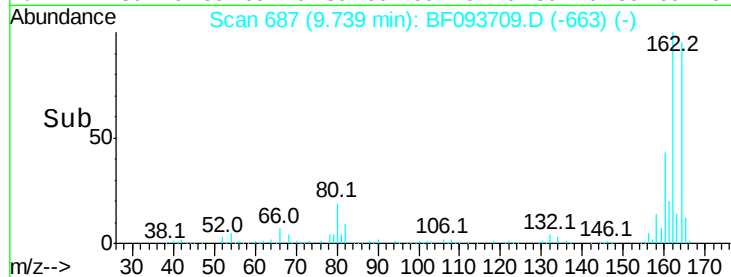
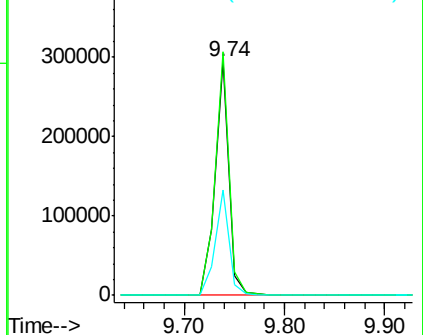
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093709.D
 Acq: 16 Mar 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Tot Ion:164 Resp: 281511
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.2 120.2
 160 45.1 36.9 55.3

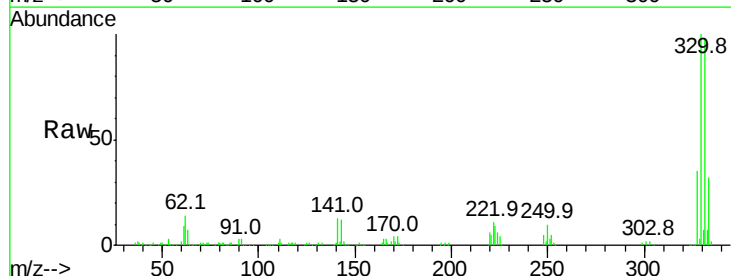


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

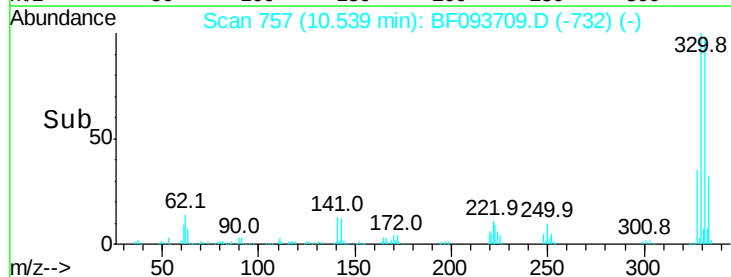
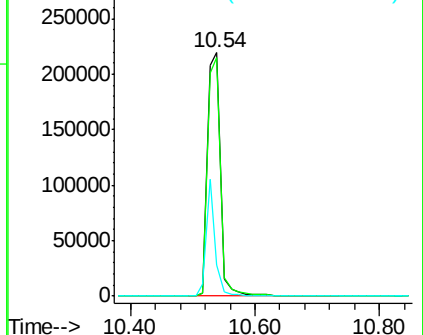


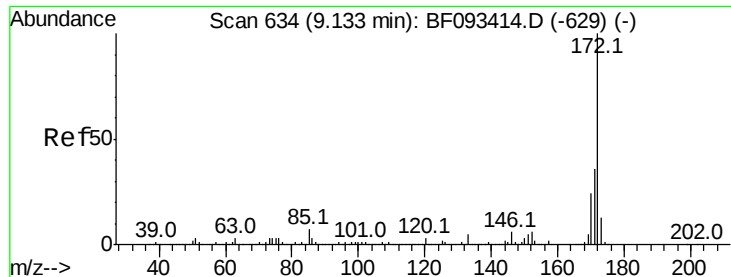
#41
 2,4,6-Tribromophenol
 Concen: 174.79 ng
 RT: 10.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF093709.D
 Acq: 16 Mar 2017 16:40

Tgt Ion:330 Resp: 320574
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 33.5 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: 106.08 ng

RT: 9.06 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

Instrument :

BNA_F

ClientSampleId :

W-25

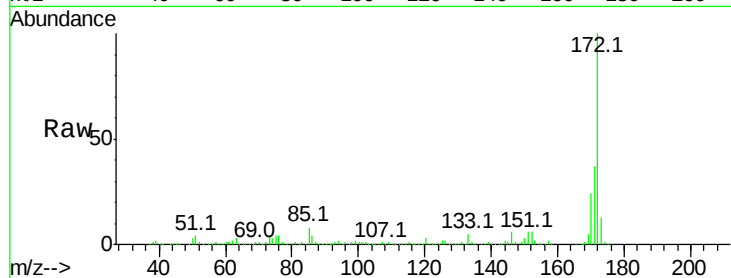
Tot Ion:172 Resp: 1605512

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

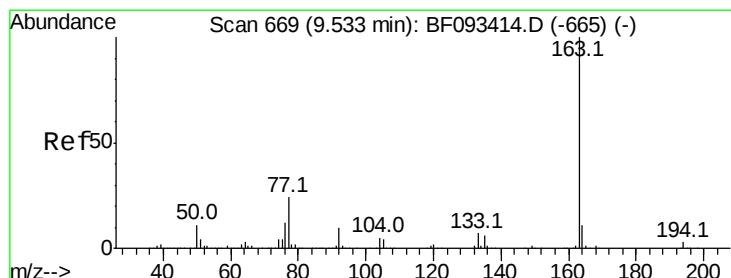
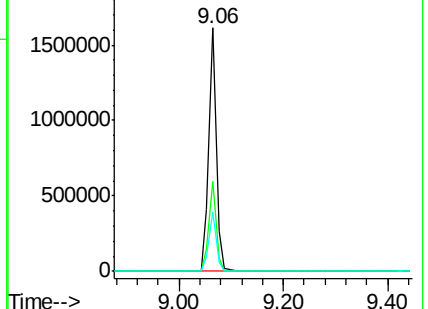
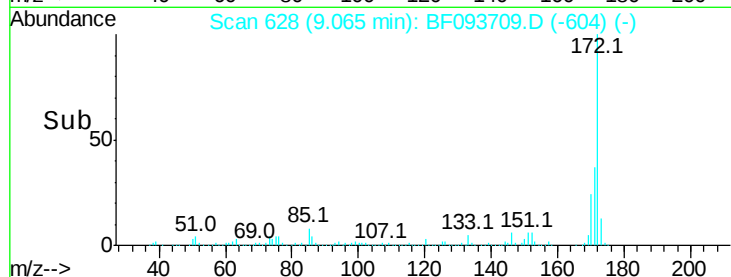
170 24.4 20.2 30.4



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: 3.37 ng

RT: 9.46 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

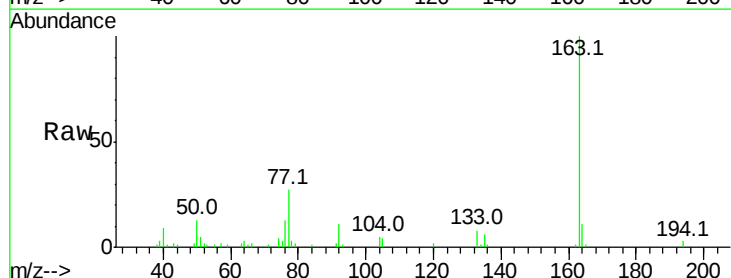
Tgt Ion:163 Resp: 62827

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

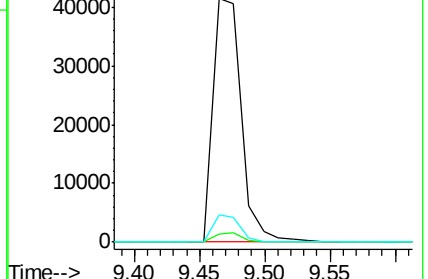
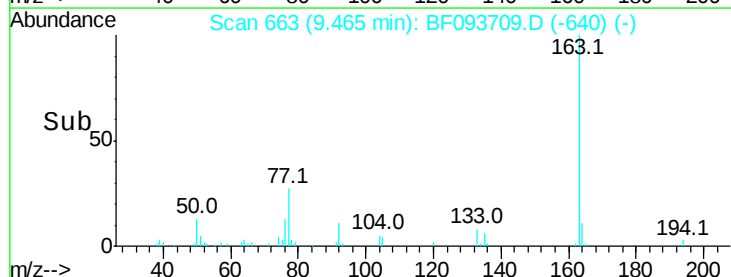
164 11.1 8.0 12.0

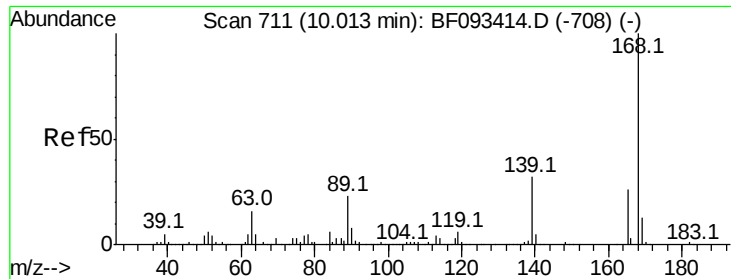


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.84 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.24 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

Instrument :

BNA_F

ClientSampled :

W-25

Tot Ion:165 Resp: 34412

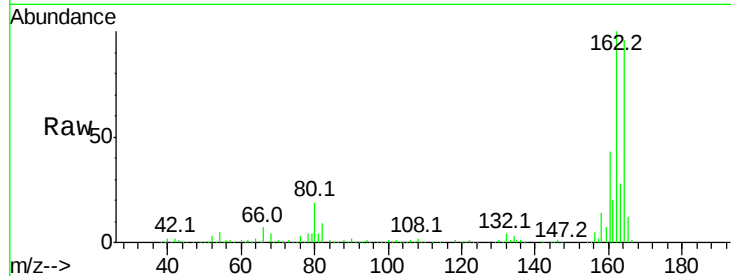
Ion Ratio Lower Upper

165 100

63 1.5 40.2 60.4#

89 1.3 62.5 93.7#

182 0.0 1.8 2.8#

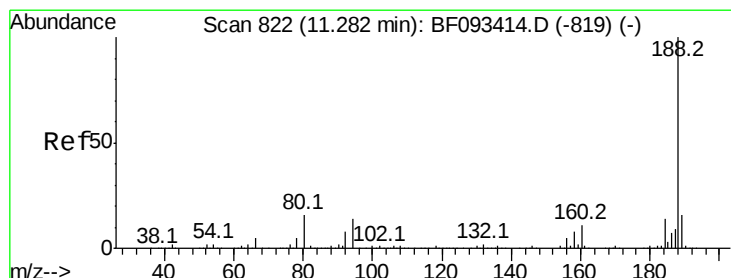
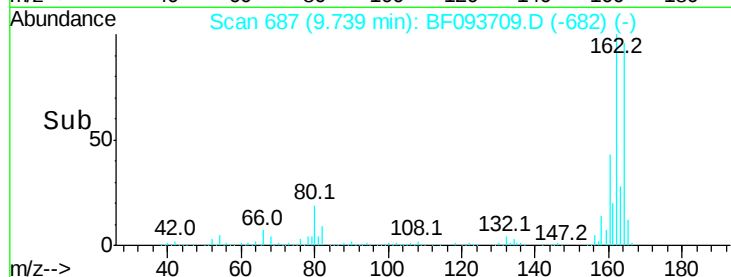
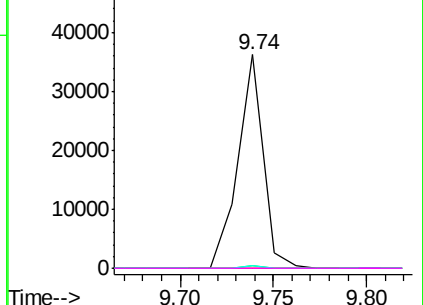


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.22 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

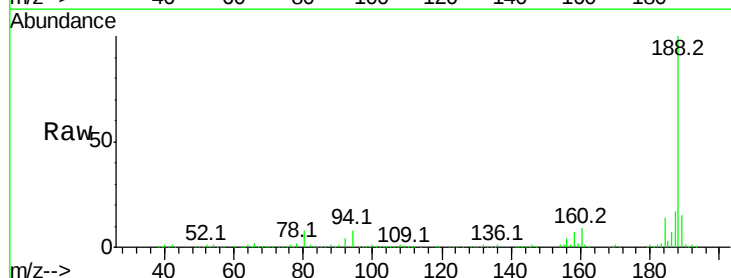
Tgt Ion:188 Resp: 504098

Ion Ratio Lower Upper

188 100

94 7.7 10.0 15.0#

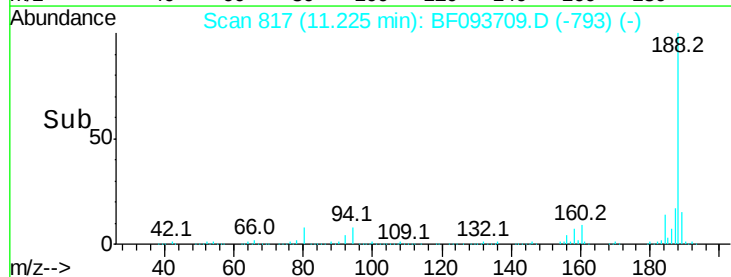
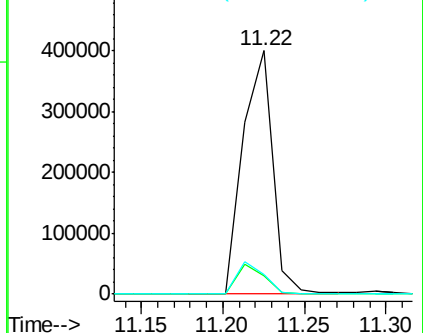
80 8.1 11.2 16.8#

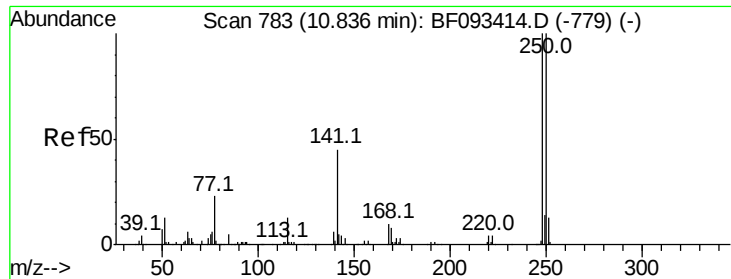


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

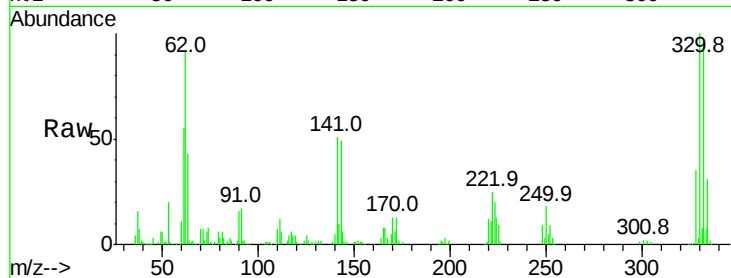




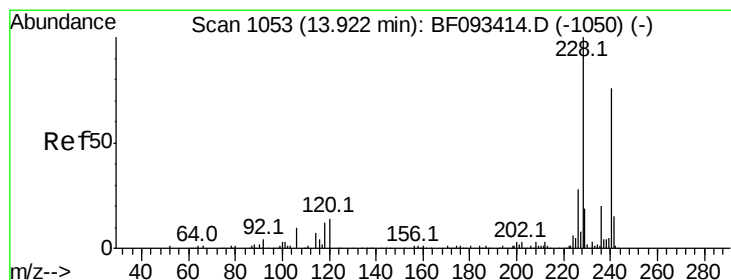
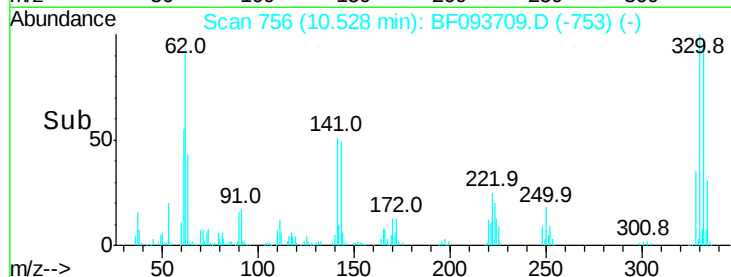
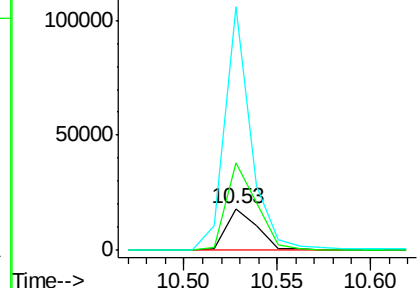
#66
4-Bromophenyl-phenylether
Concen: 4.03 ng
RT: 10.53 min Scan# 756
Delta R.T. -0.26 min
Lab File: BF093709.D
Acq: 16 Mar 2017 16:40

Instrument :
BNA_F
ClientSampled :
W-25

Tot Ion:248 Resp: 21491
Ion Ratio Lower Upper
248 100
250 209.0 76.9 115.3#
141 581.0 68.2 102.4#

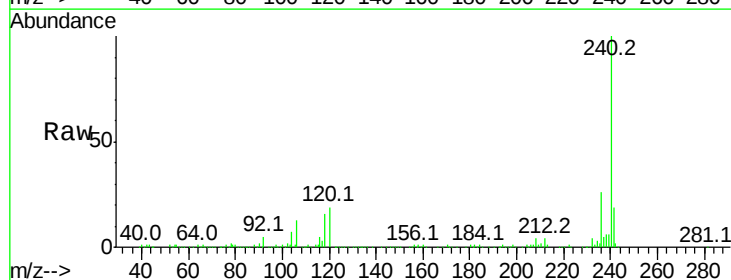


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

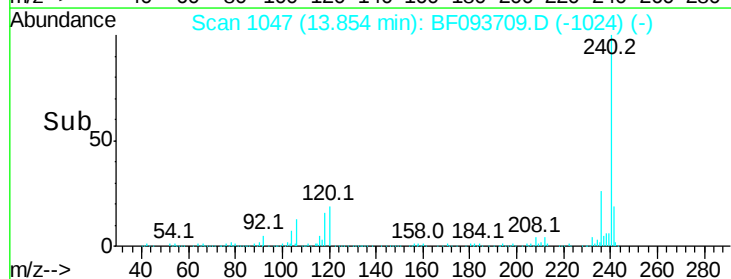
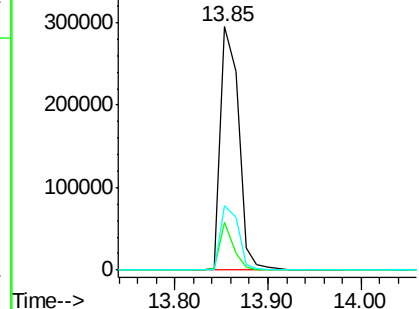


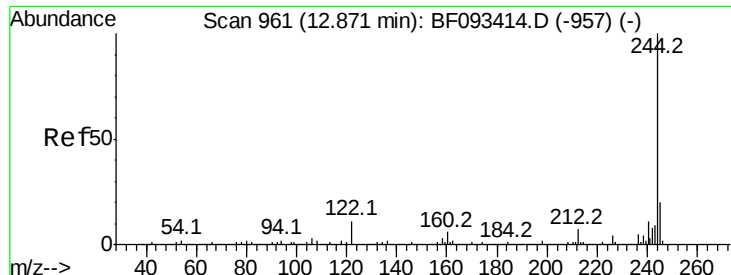
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF093709.D
Acq: 16 Mar 2017 16:40

Tgt Ion:240 Resp: 398640
Ion Ratio Lower Upper
240 100
120 19.4 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: 86.40 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

Instrument :

BNA_F

ClientSampleId :

W-25

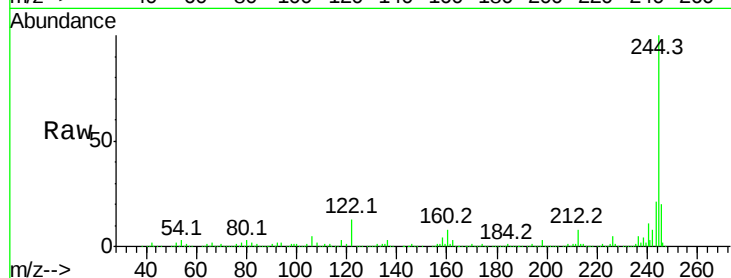
Tot Ion:244 Resp: 1324770

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

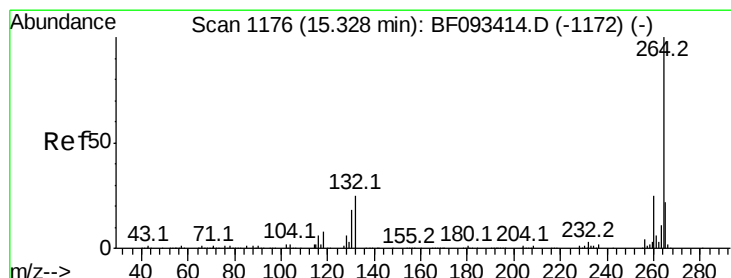
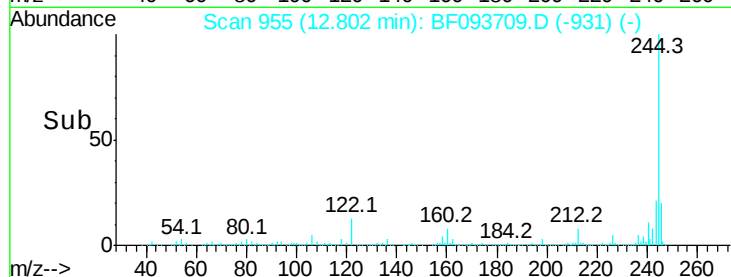
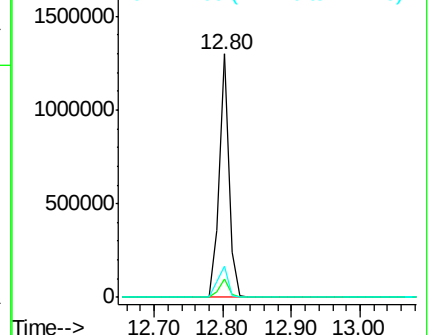
122 13.0 11.4 17.2



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: 15.26 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

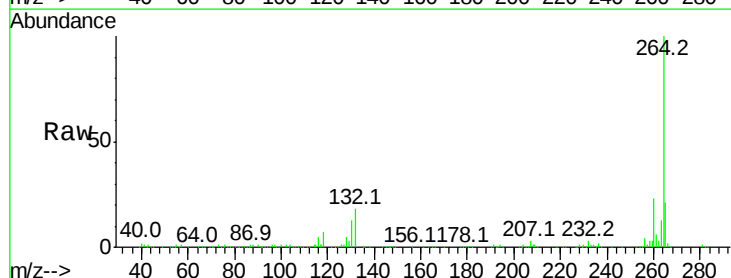
Tgt Ion:264 Resp: 272038

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.3 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

