

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093538.D
 Acq On : 10 Mar 2017 22:42
 Operator : SJ/MA
 Sample : I2172-30
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-61

Quant Time: Mar 10 23:12:40 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

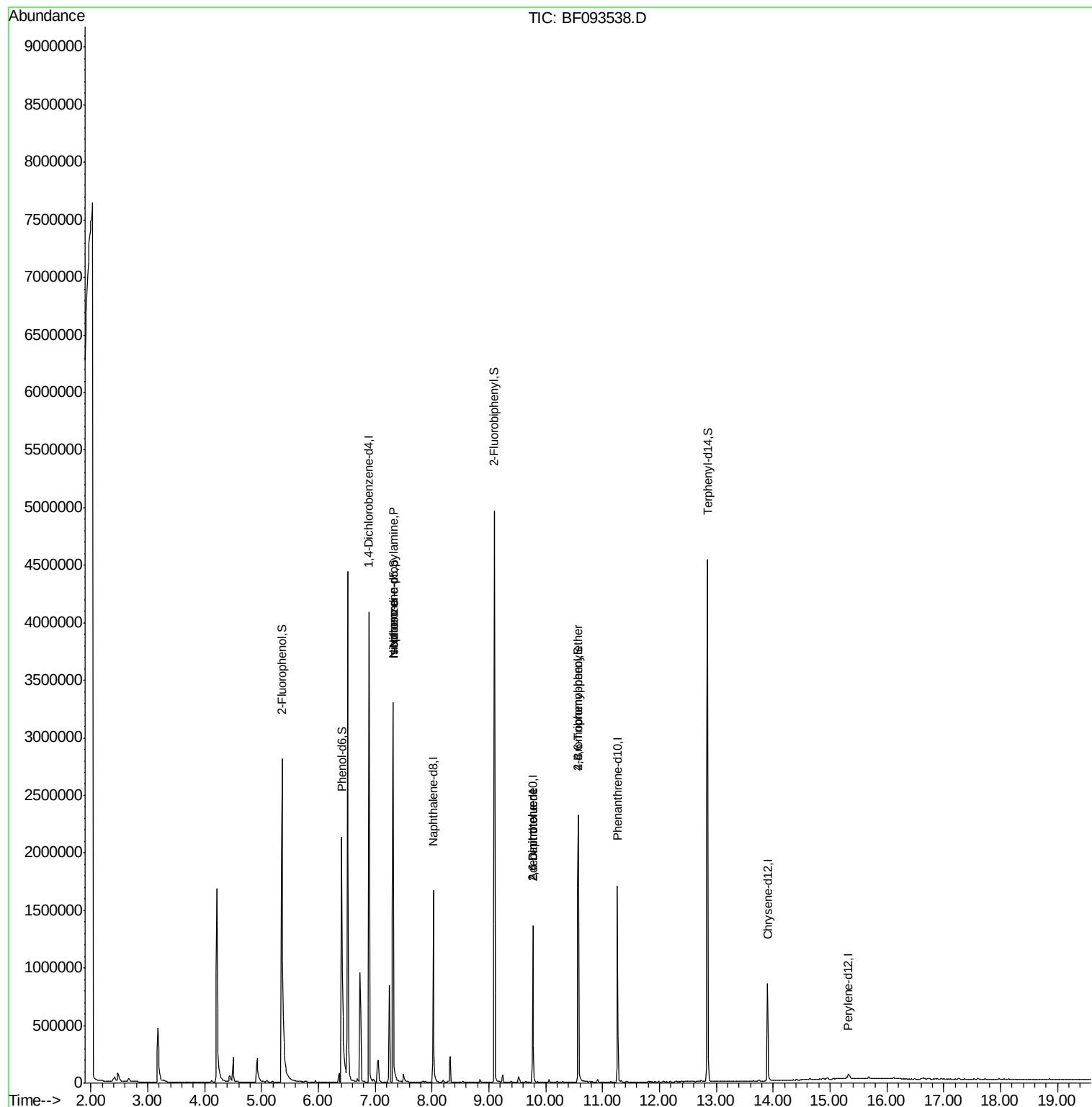
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	610437	20.00	ng	0.13
21) Naphthalene-d8	8.02	136	743510	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	242672	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	601076	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	263429	20.00	ng	-0.02
86) Perylene-d12	15.32	264	9509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1443704	39.36	ng	0.01
7) Phenol-d6	6.41	99	1520947	32.88	ng	0.00
23) Nitrobenzene-d5	7.32	82	1270773	94.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	346503	219.16	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1650554	126.51	ng	-0.03
78) Terphenyl-d14	12.85	244	1544319	152.42	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	2401	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	172486	5.42	ng	# 78
25) Isophorone	7.32	82	1271751	47.06	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	31004	8.78	ng	# 32
56) 2,4-Dinitrotoluene	9.77	165	31006	7.15	ng	# 21
66) 4-Bromophenyl-phenylether	10.57	248	26135	4.11	ng	# 1

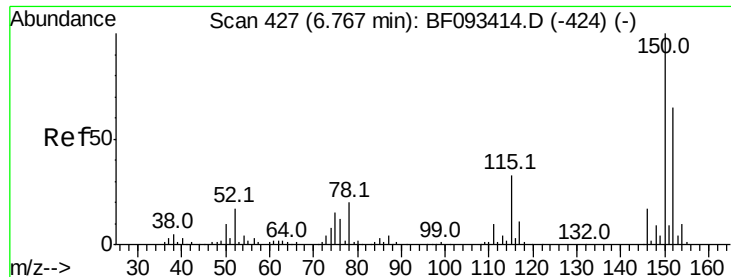
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 438

Delta R.T. 0.13 min

Lab File: BF093538.D

Acq: 10 Mar 2017 22:42

Instrument :

BNA_F

ClientSampleId :

D-61

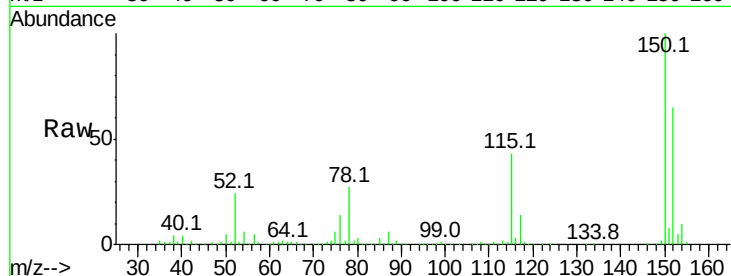
Tot Ion:152 Resp: 610437

Ion Ratio Lower Upper

152 100

150 154.6 124.9 187.3

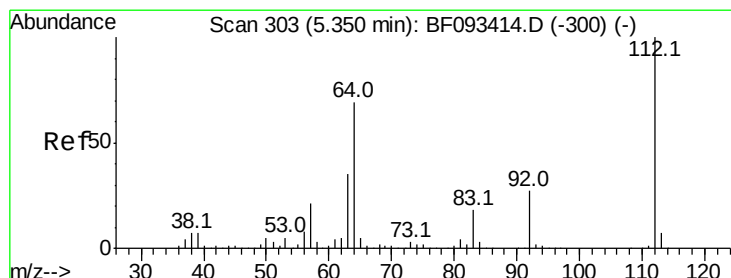
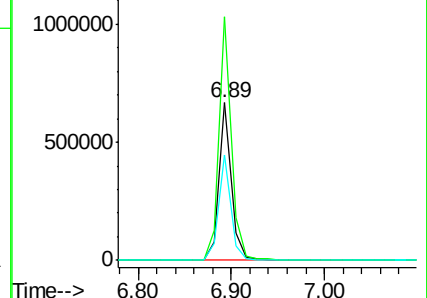
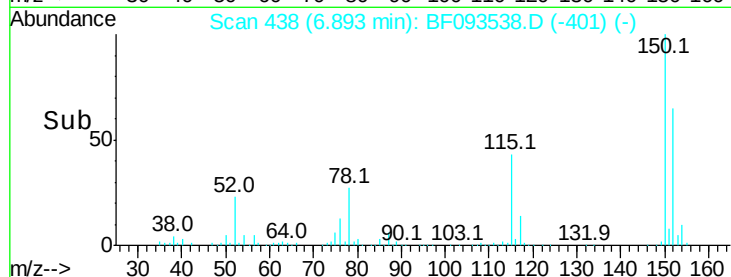
115 67.0 46.0 69.0



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: 39.36 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093538.D

Acq: 10 Mar 2017 22:42

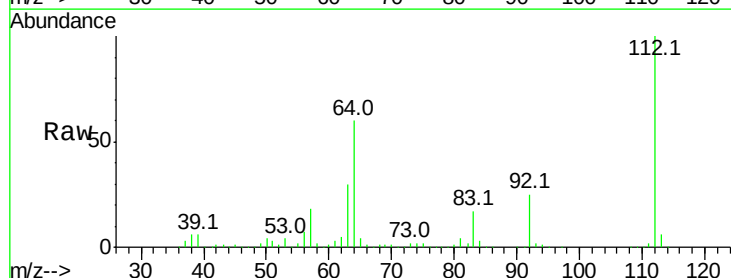
Tgt Ion:112 Resp: 1443704

Ion Ratio Lower Upper

112 100

64 60.0 46.1 69.1

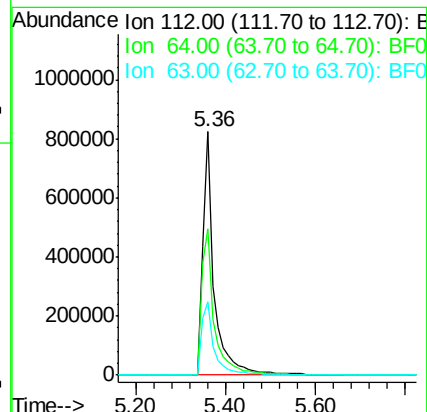
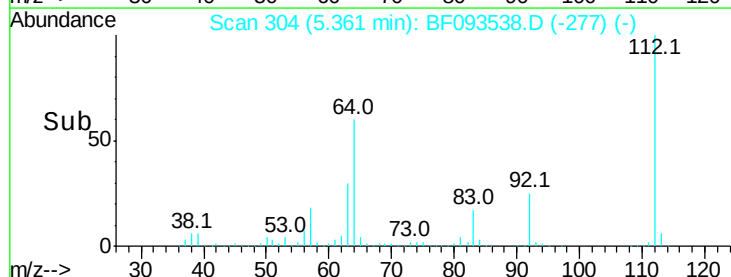
63 30.1 23.8 35.6

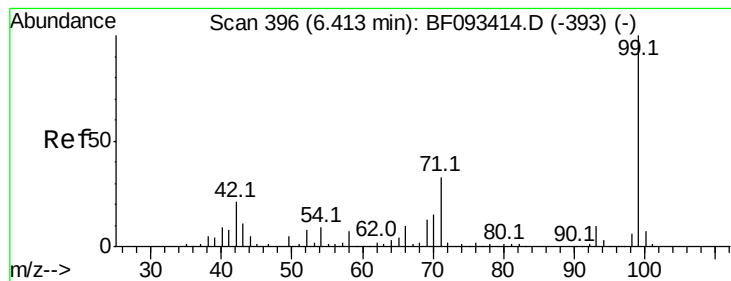


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.88 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093538.D

Acq: 10 Mar 2017 22:42

Instrument :

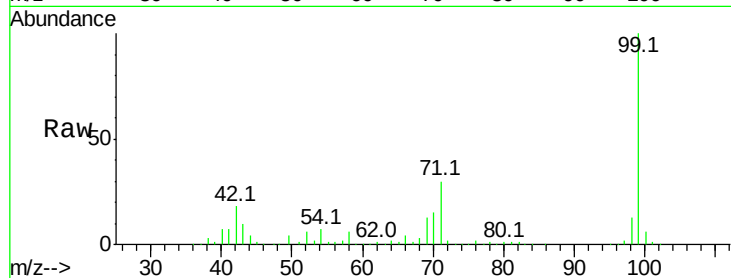
BNA_F

ClientSampleId :

D-61

Tot Ion: 99 Resp: 1520947

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.6	23.4
71	29.9	27.5	41.3

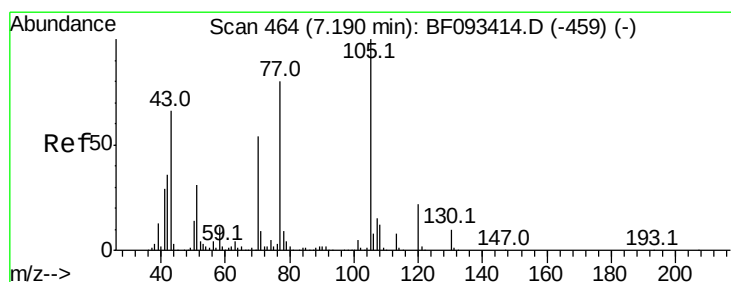
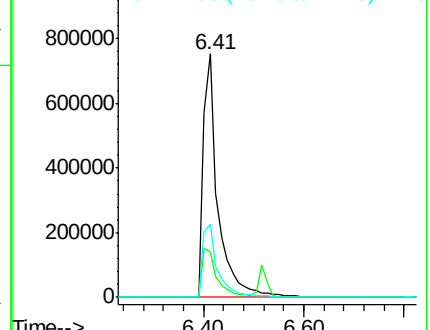
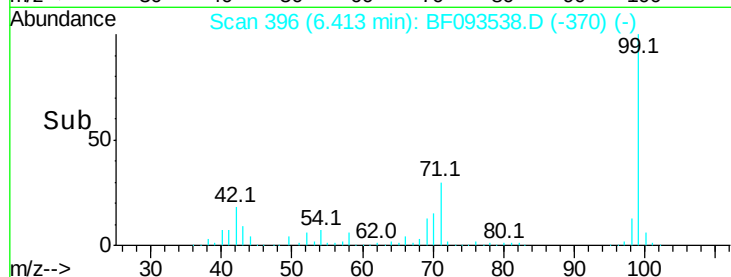


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 5.42 ng

RT: 7.32 min Scan# 475

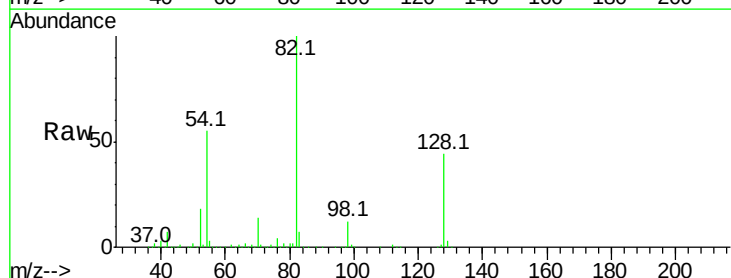
Delta R.T. 0.13 min

Lab File: BF093538.D

Acq: 10 Mar 2017 22:42

Tgt Ion: 70 Resp: 172486

Ion	Ratio	Lower	Upper
70	100		
42	48.6	49.4	74.0#
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#



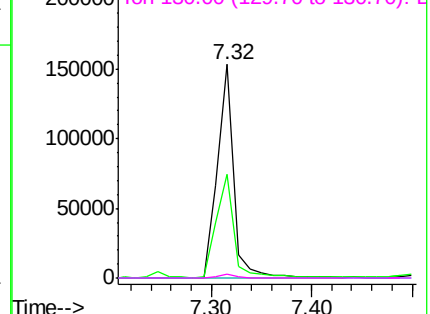
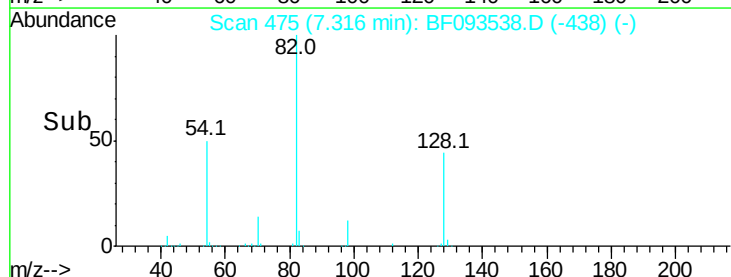
Abundance

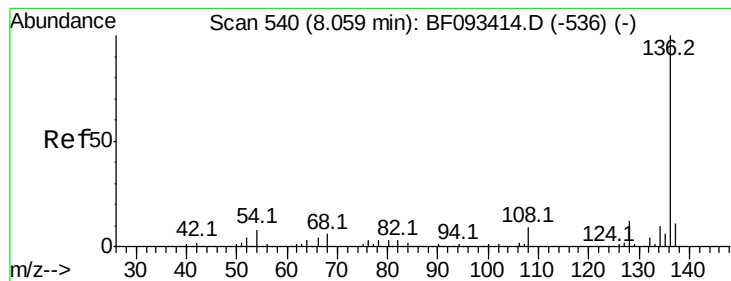
Ion 70.00 (69.70 to 70.70): BF0

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: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093538.D

Acq: 10 Mar 2017 22:42

Instrument :

BNA_F

ClientSampleId :

D-61

Tot Ion:136 Resp: 743510

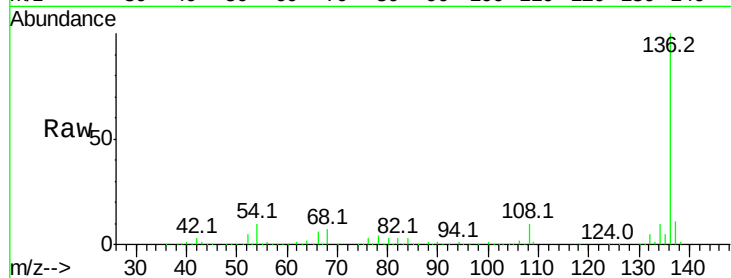
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.9 4.5 6.7#

68 7.4 3.6 5.4#

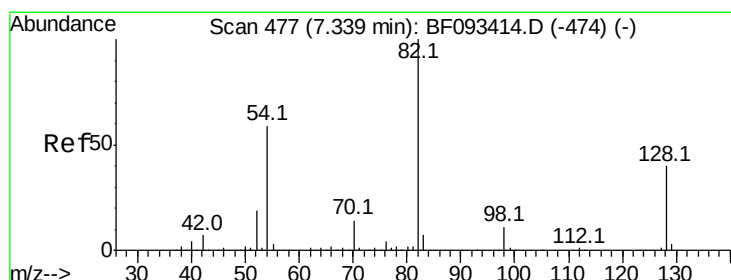
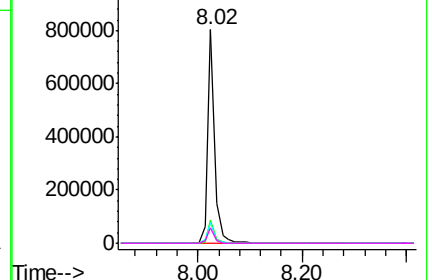
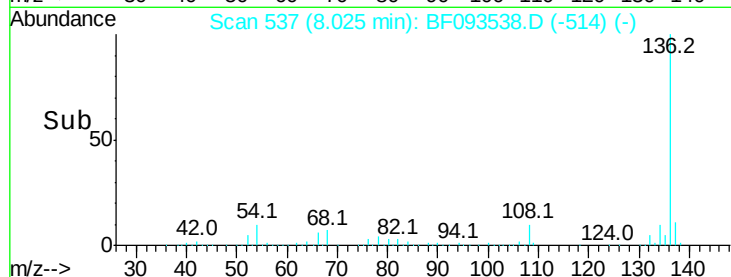


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.83 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF093538.D

Acq: 10 Mar 2017 22:42

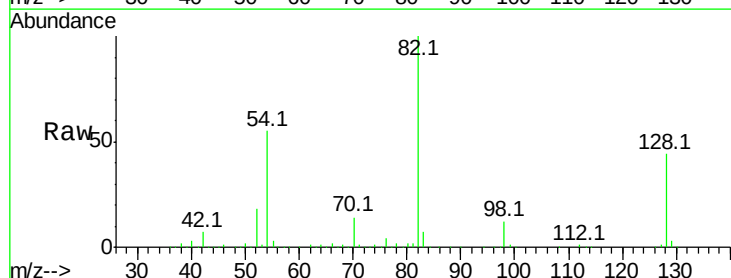
Tgt Ion: 82 Resp: 1270773

Ion Ratio Lower Upper

82 100

128 43.9 34.6 52.0

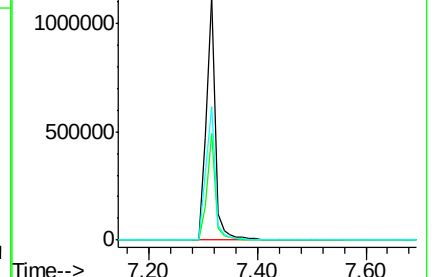
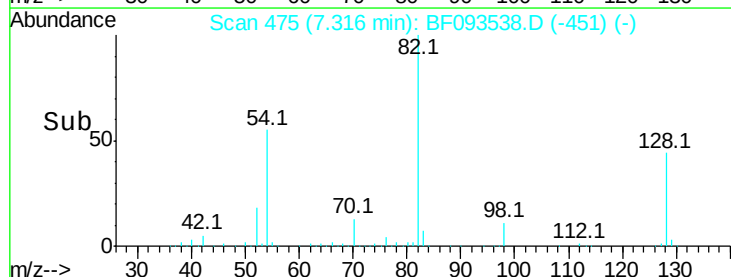
54 55.0 39.5 59.3

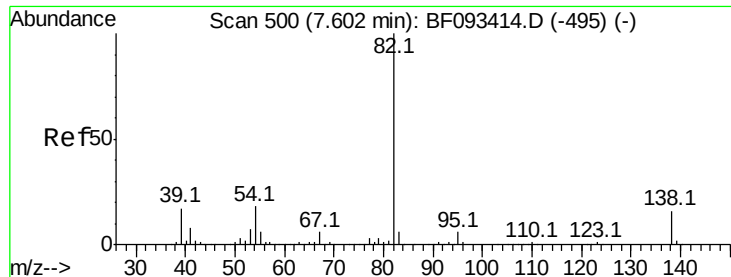


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 47.06 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093538.D

Acq: 10 Mar 2017 22:42

Instrument :

BNA_F

ClientSampleId :

D-61

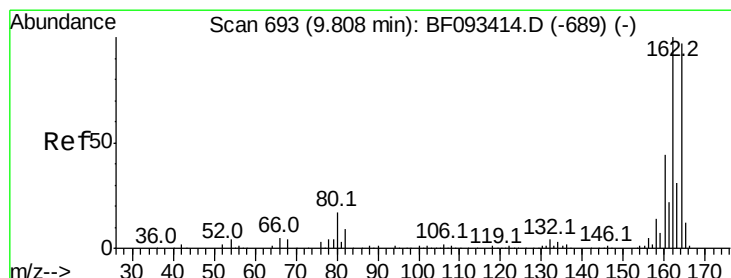
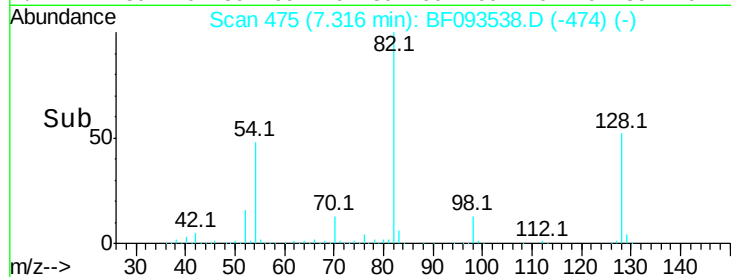
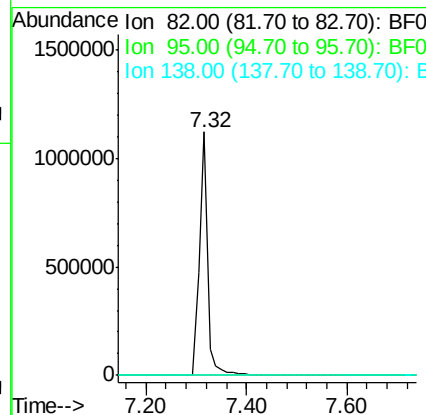
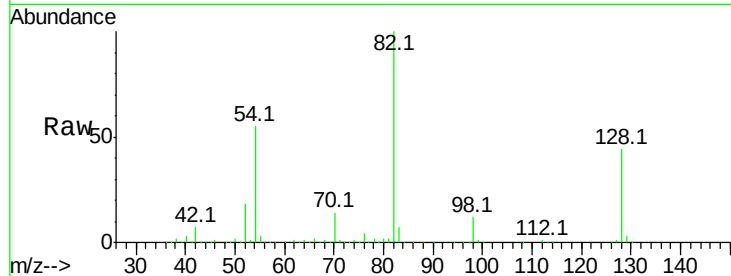
Tot Ion: 82 Resp: 1271751

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: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093538.D

Acq: 10 Mar 2017 22:42

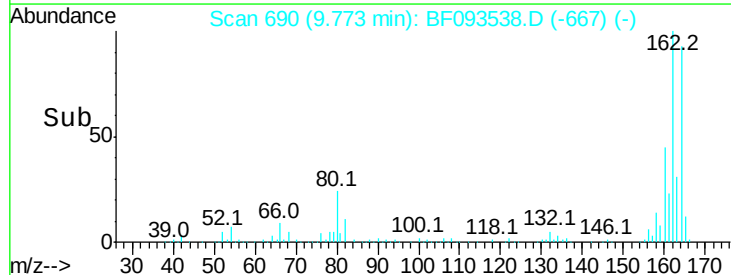
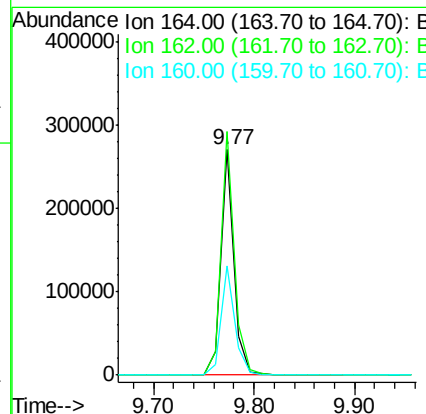
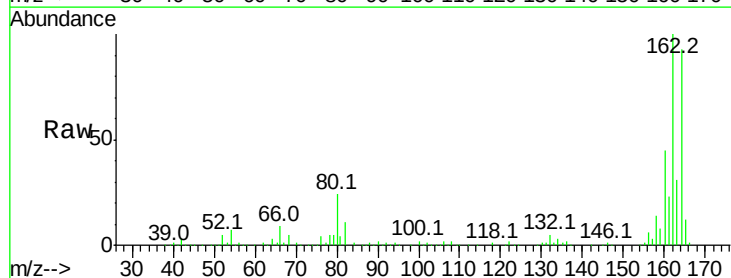
Tgt Ion: 164 Resp: 242672

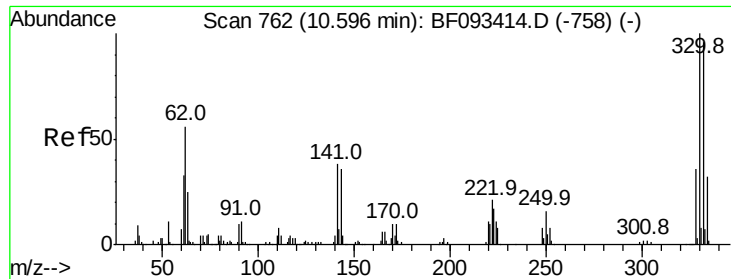
Ion Ratio Lower Upper

164 100

162 108.0 80.2 120.2

160 48.2 36.9 55.3

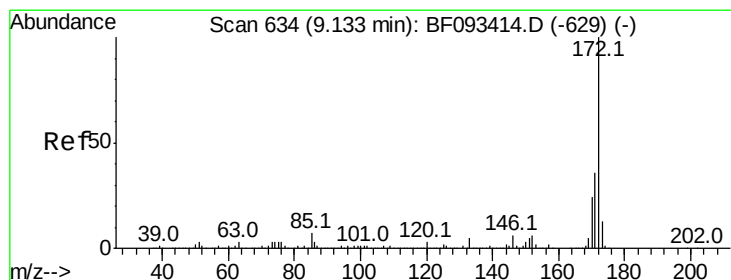
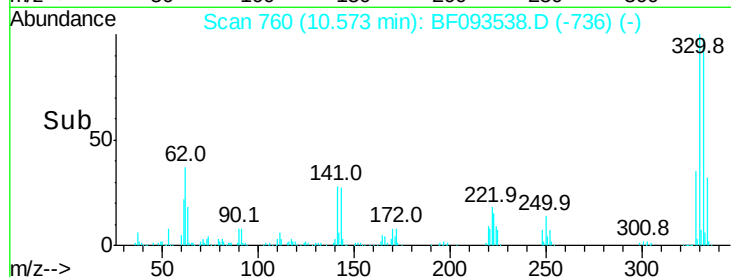
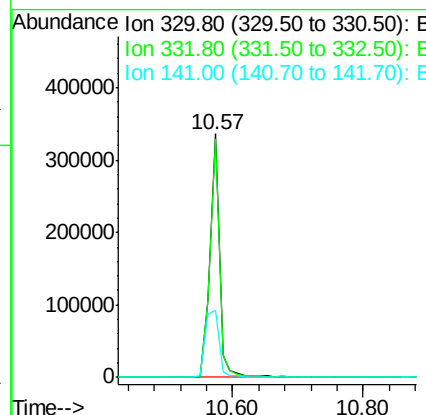
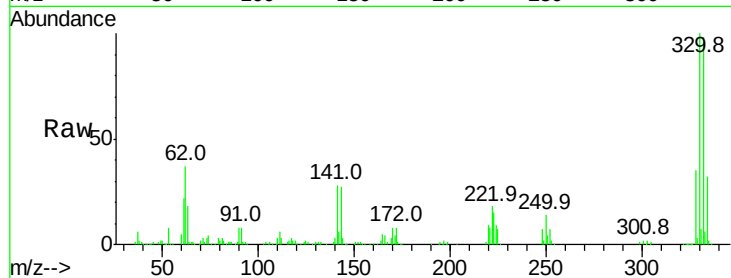




#41
 2,4,6-Tribromophenol
 Concen: 219.16 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093538.D
 Acq: 10 Mar 2017 22:42

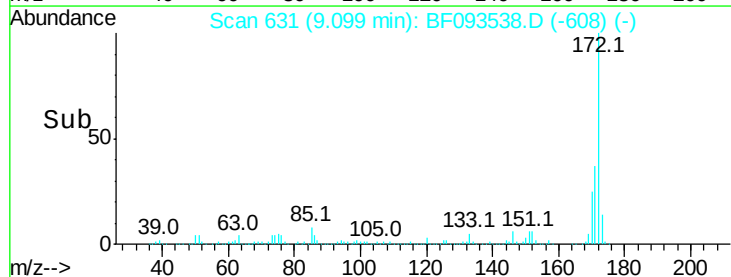
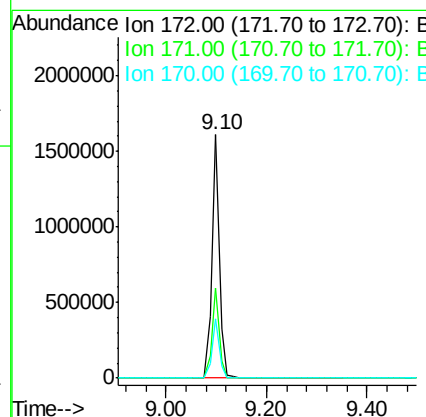
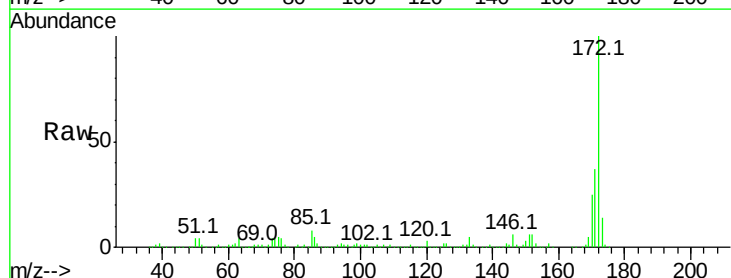
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 D-61

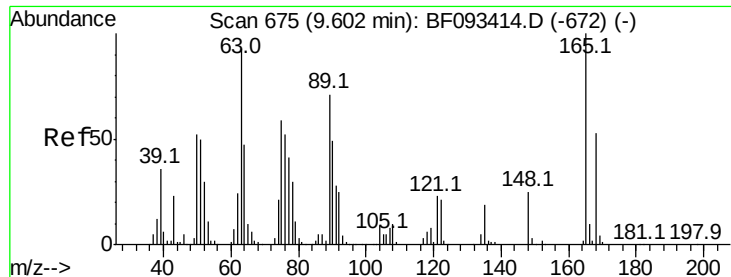
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.4	116.2
141	39.7	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 126.51 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093538.D
 Acq: 10 Mar 2017 22:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.6	20.2	30.4

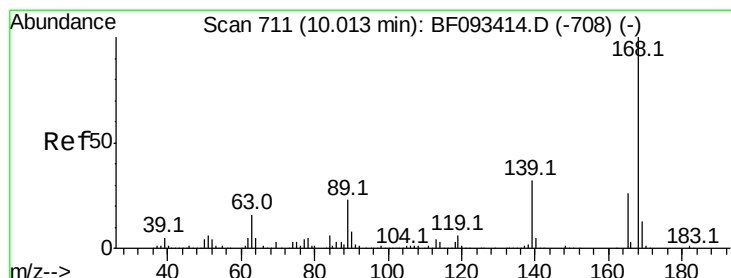
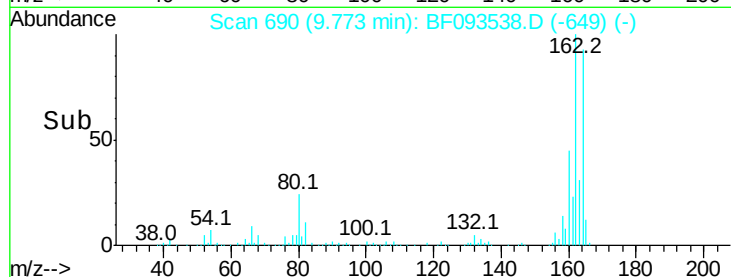
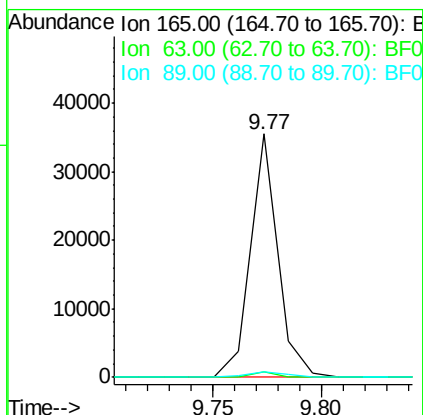
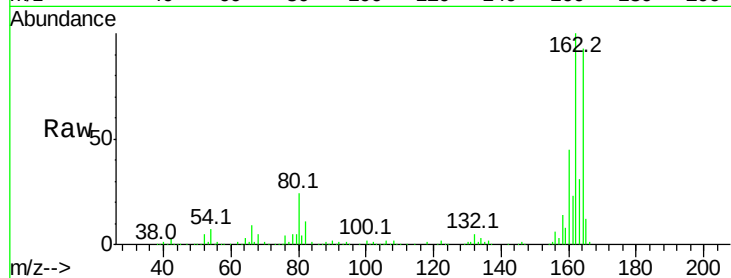




#50
 2,6-Dinitrotoluene
 Concen: 8.78 ng
 RT: 9.77 min Scan# 690
 Delta R.T. 0.17 min
 Lab File: BF093538.D
 Acq: 10 Mar 2017 22:42

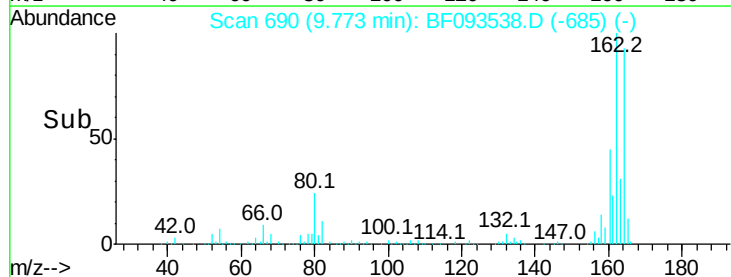
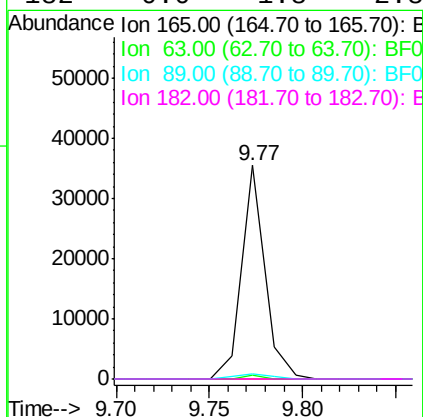
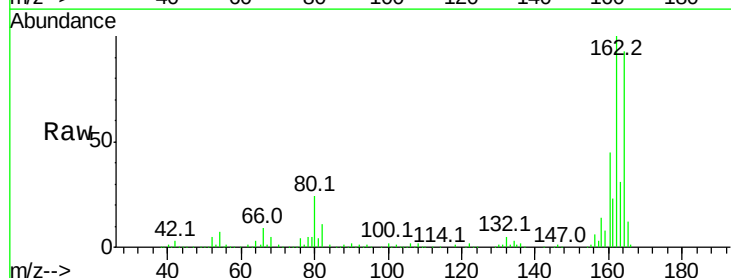
Instrument :
 BNA_F
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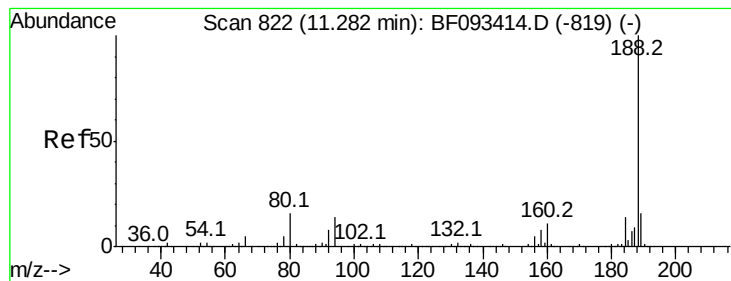
Tot Ion:165 Resp: 31004
 Ion Ratio Lower Upper
 165 100
 63 2.0 36.2 54.4#
 89 2.4 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.24 min
 Lab File: BF093538.D
 Acq: 10 Mar 2017 22:42

Tgt Ion:165 Resp: 31006
 Ion Ratio Lower Upper
 165 100
 63 2.0 40.2 60.4#
 89 2.4 62.5 93.7#
 182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF093538.D

Acq: 10 Mar 2017 22:42

Instrument :

BNA_F

ClientSampleId :

D-61

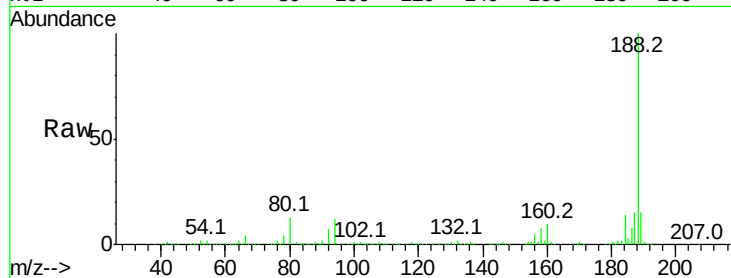
Tot Ion:188 Resp: 601076

Ion Ratio Lower Upper

188 100

94 12.3 10.0 15.0

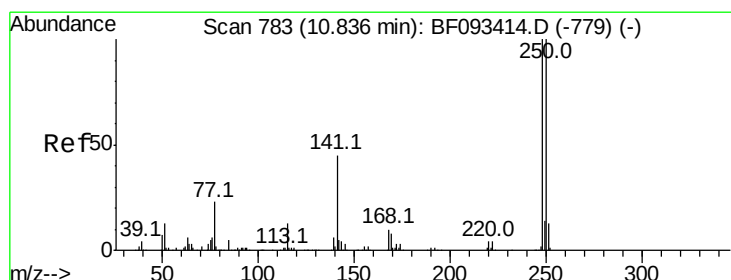
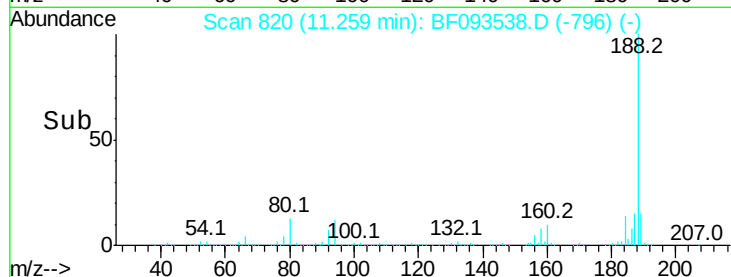
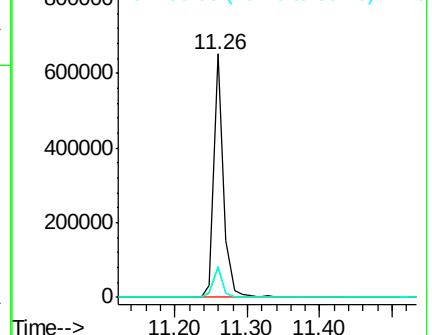
80 13.0 11.2 16.8



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: 4.11 ng

RT: 10.57 min Scan# 760

Delta R.T. -0.26 min

Lab File: BF093538.D

Acq: 10 Mar 2017 22:42

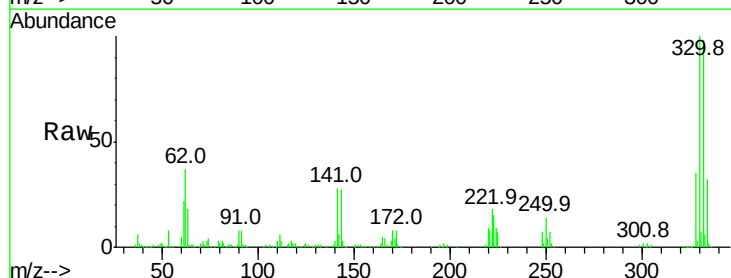
Tgt Ion:248 Resp: 26135

Ion Ratio Lower Upper

248 100

250 193.6 76.9 115.3#

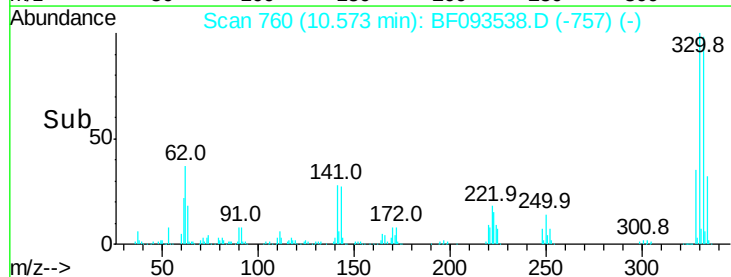
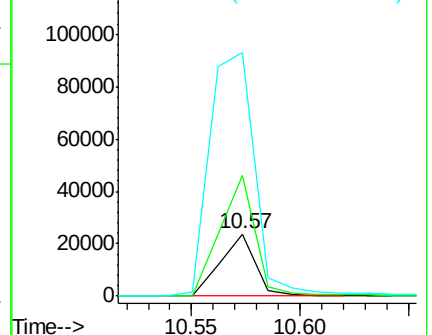
141 390.4 68.2 102.4#

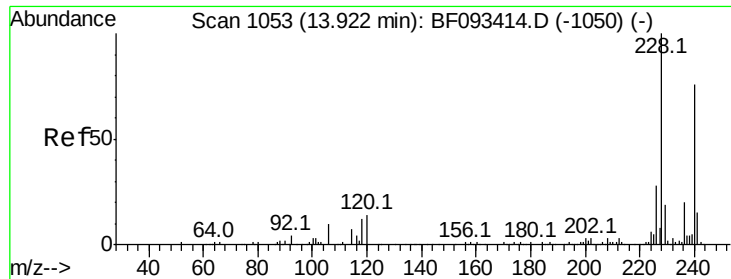


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

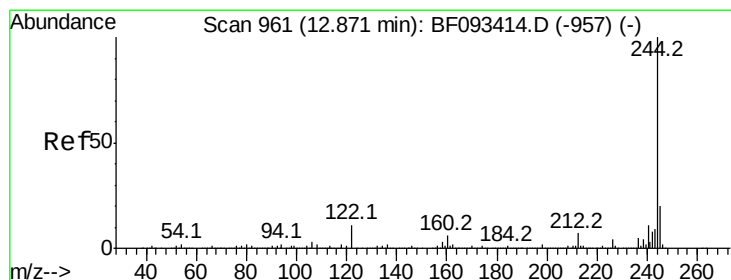
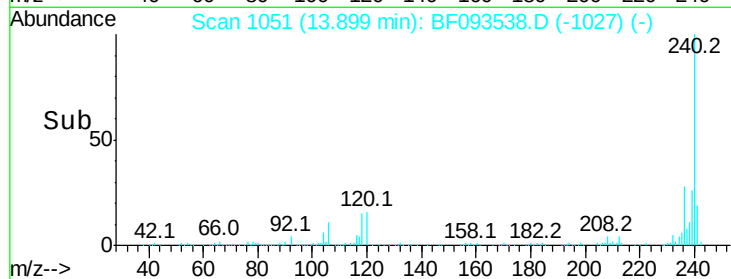
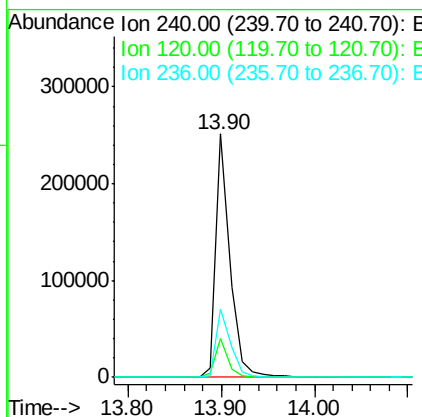
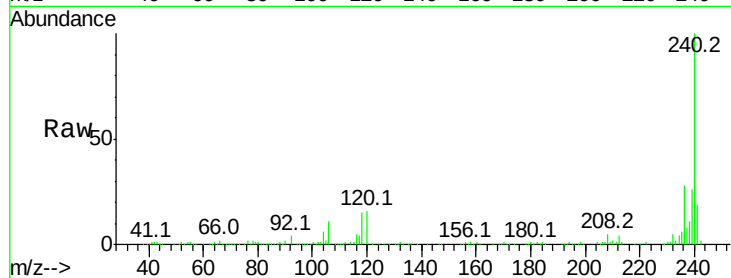




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BF093538.D
 Acq: 10 Mar 2017 22:42

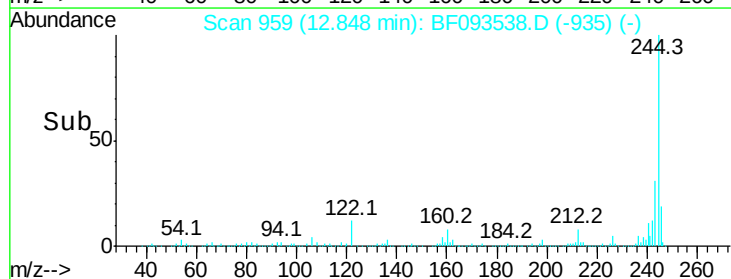
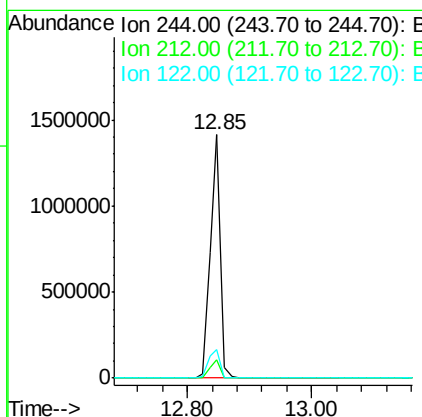
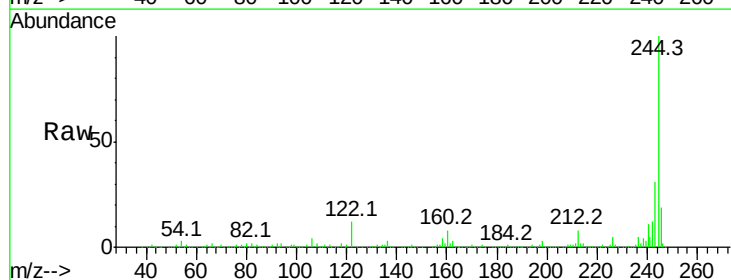
Instrument :
 BNA_F
 ClientSampleId :
 D-61

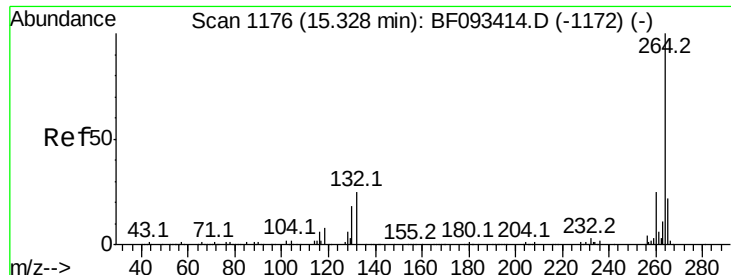
Tot Ion:240 Resp: 263429
 Ion Ratio Lower Upper
 240 100
 120 16.2 12.9 19.3
 236 28.3 20.9 31.3



#78
 Terphenyl-d14
 Concen: 152.42 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093538.D
 Acq: 10 Mar 2017 22:42

Tgt Ion:244 Resp: 1544319
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 11.6 11.4 17.2





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093538.D
Acq: 10 Mar 2017 22:42

Instrument :
BNA_F
ClientSampleId :
D-61

Tot Ion:264 Resp: 9509
Ion Ratio Lower Upper
264 100
260 32.8 19.2 28.8#
265 18.6 17.4 26.0

