

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093611.D
 Acq On : 13 Mar 2017 17:02
 Operator : SJ/MA
 Sample : I2174-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-69

Quant Time: Mar 14 01:03:45 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

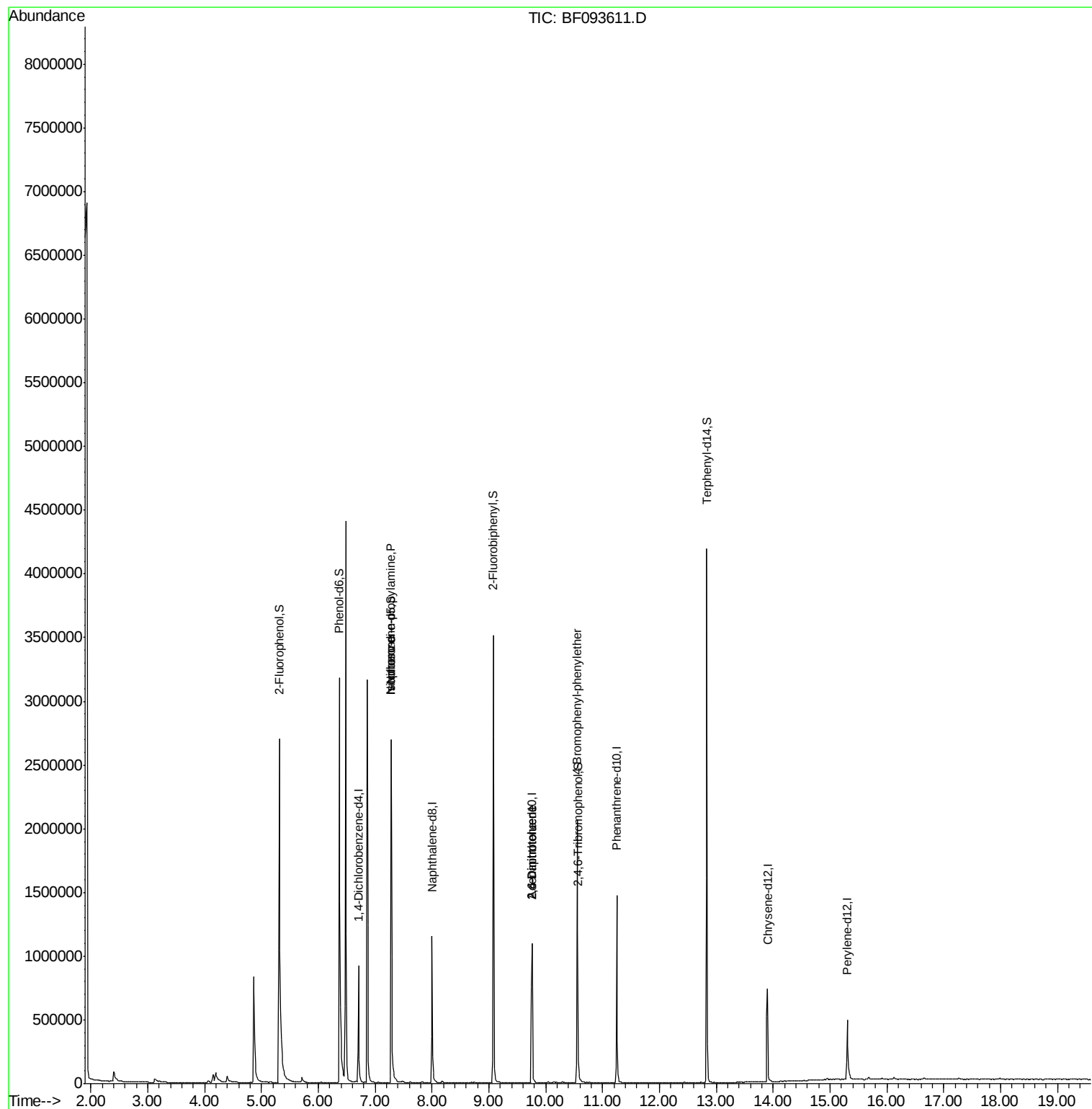
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	154624	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	599306	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	284986	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	549058	20.00	ng	0.00
75) Chrysene-d12	13.90	240	366015	20.00	ng	0.01
86) Perylene-d12	15.31	264	232890	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1201809	129.36	ng	0.00
7) Phenol-d6	6.37	99	1512585	129.11	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1018760	94.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	288832	155.56	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1546003	100.90	ng	-0.01
78) Terphenyl-d14	12.84	244	1331084	94.55	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2054	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	135001	16.76	ng	# 84
25) Isophorone	7.28	82	999432	45.88	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	35834	8.64	ng	# 32
56) 2,4-Dinitrotoluene	9.76	165	35828	7.03	ng	# 21
66) 4-Bromophenyl-phenylether	10.55	248	21032	3.62	ng	# 1

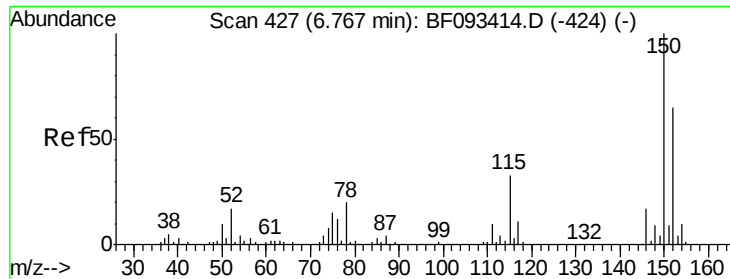
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093611.D

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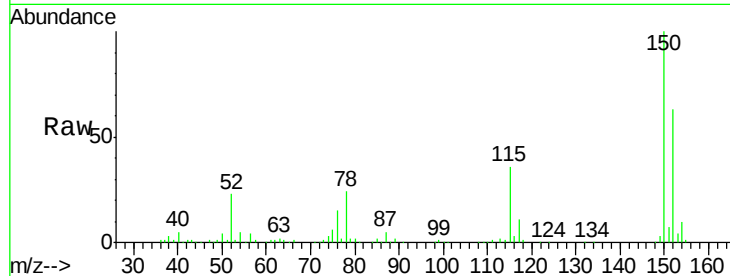
Tgt Ion:152 Resp: 154624

Ion Ratio Lower Upper

152 100

150 159.5 124.9 187.3

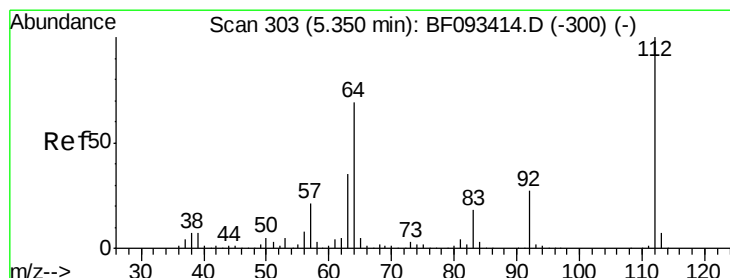
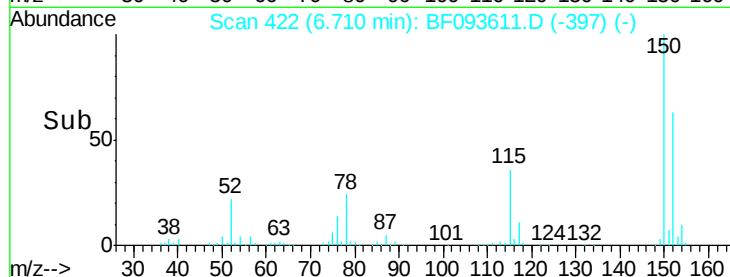
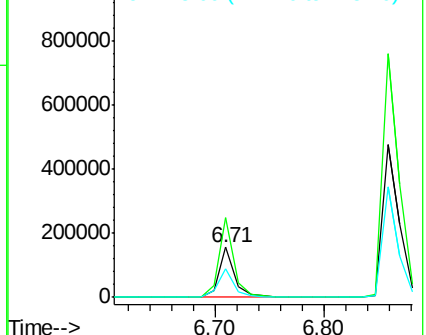
115 56.9 46.0 69.0



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: 129.36 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093611.D

Acq: 13 Mar 2017 17:02

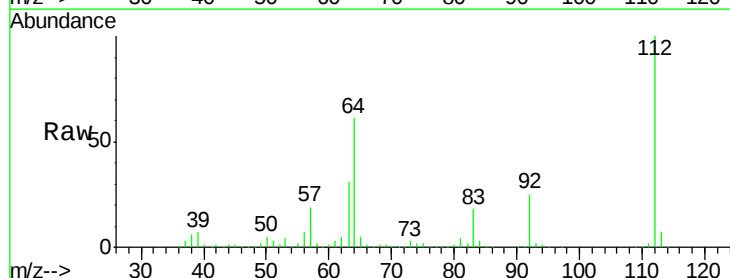
Tgt Ion:112 Resp: 1201809

Ion Ratio Lower Upper

112 100

64 61.3 46.1 69.1

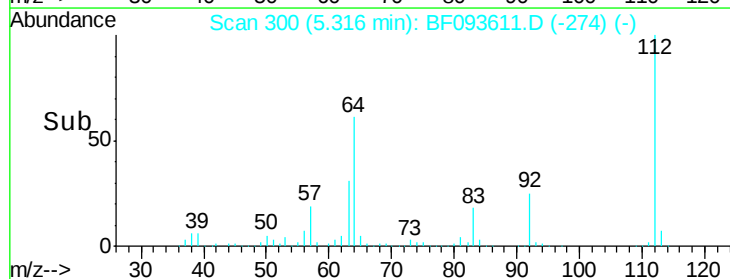
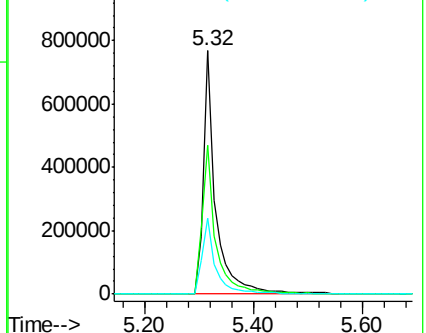
63 31.4 23.8 35.6

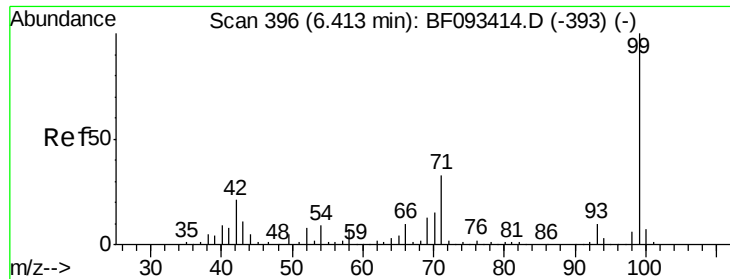


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.11 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093611.D

Acq: 13 Mar 2017 17:02

Instrument :

BNA_F

ClientSampleId :

D-69

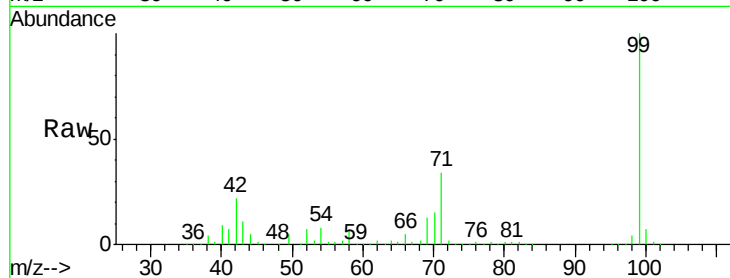
Tgt Ion: 99 Resp: 1512585

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

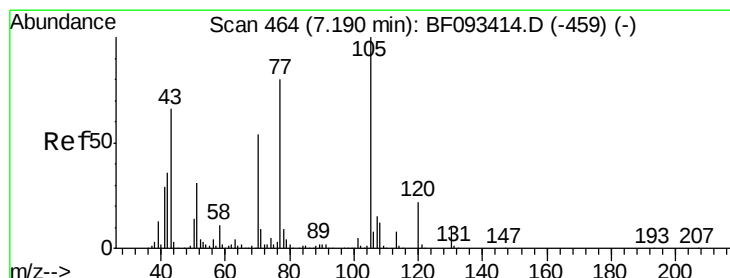
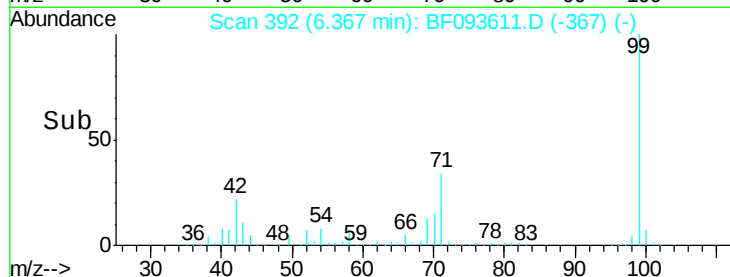
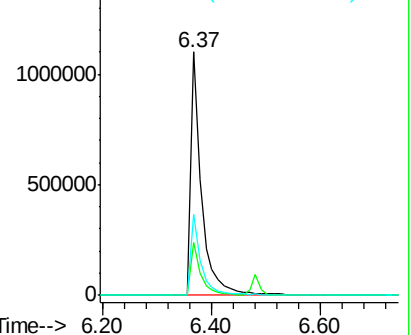
71 33.5 27.5 41.3



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: 16.76 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093611.D

Acq: 13 Mar 2017 17:02

Tgt Ion: 70 Resp: 135001

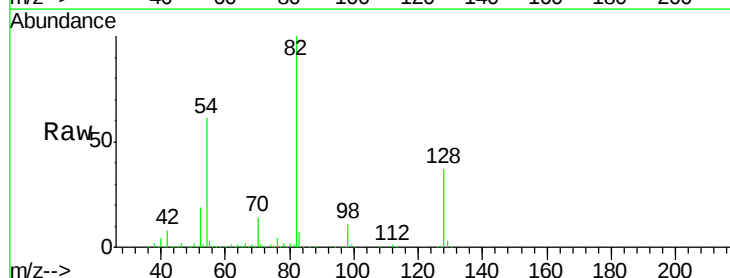
Ion Ratio Lower Upper

70 100

42 55.5 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

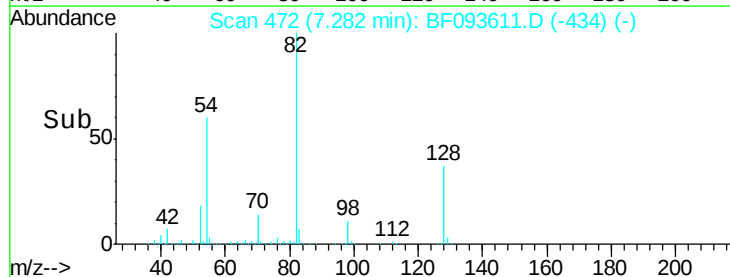
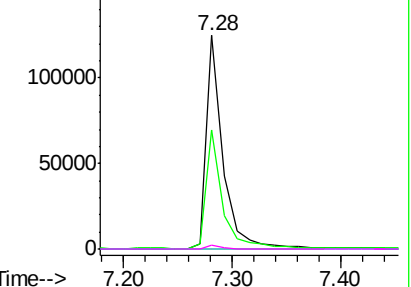


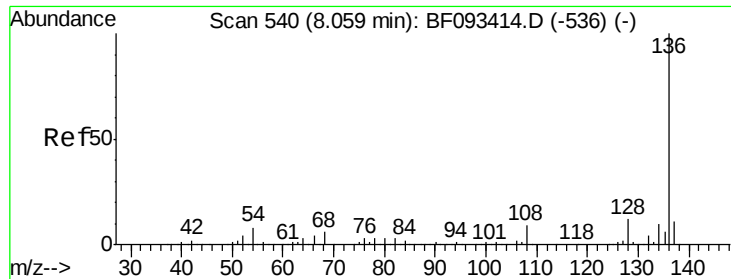
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

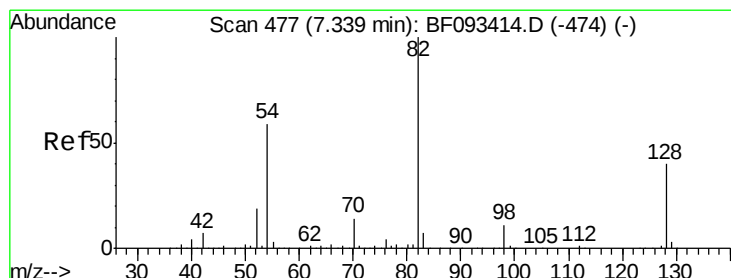
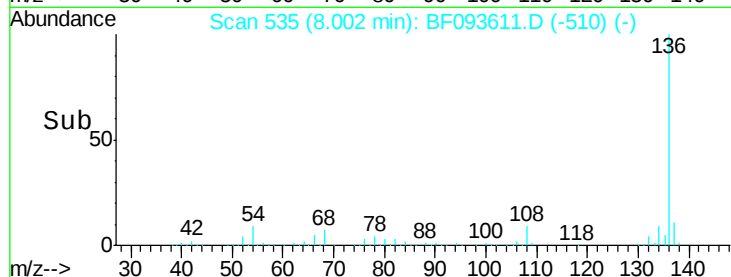
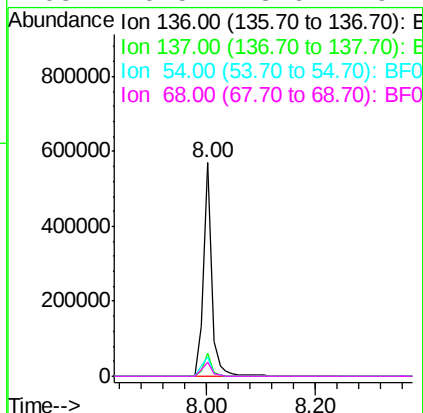
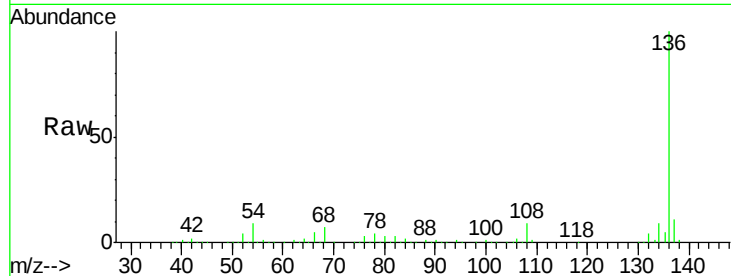




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093611.D
Acq: 13 Mar 2017 17:02

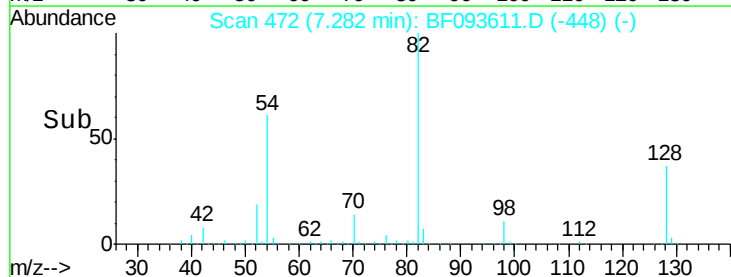
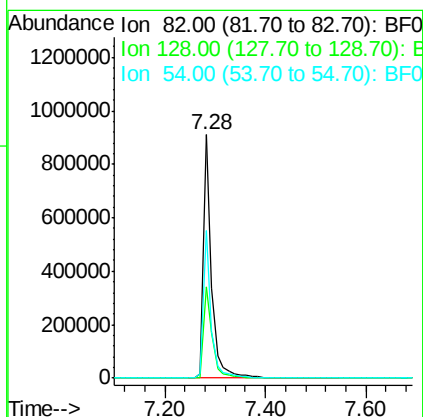
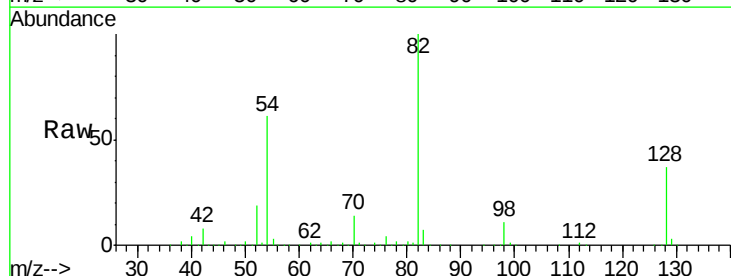
Instrument :
BNA_F
ClientSampled :
D-69

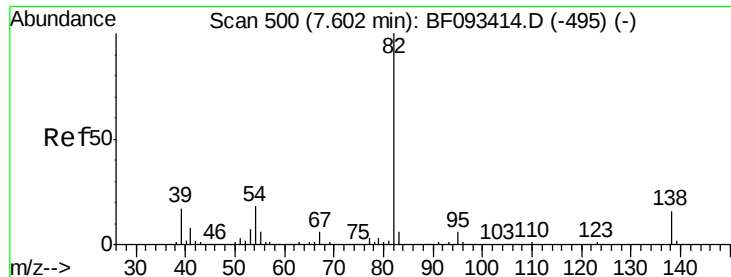
Tgt Ion:	136	Resp:	599306
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.7	4.5	6.7#
68	6.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 94.32 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093611.D
Acq: 13 Mar 2017 17:02

Tgt Ion:	82	Resp:	1018760
Ion	Ratio	Lower	Upper
82	100		
128	37.4	34.6	52.0
54	60.7	39.5	59.3#





#25

Isophorone

Concen: 45.88 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093611.D

Acq: 13 Mar 2017 17:02

Instrument :

BNA_F

ClientSampleId :

D-69

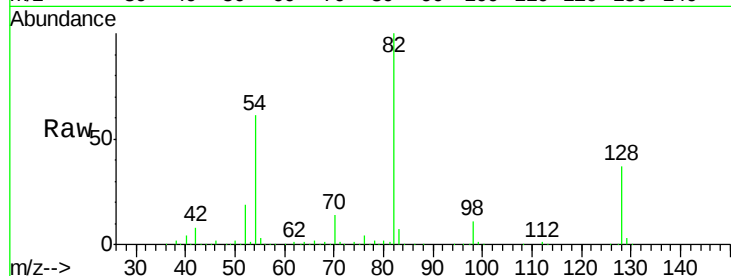
Tgt Ion: 82 Resp: 999432

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

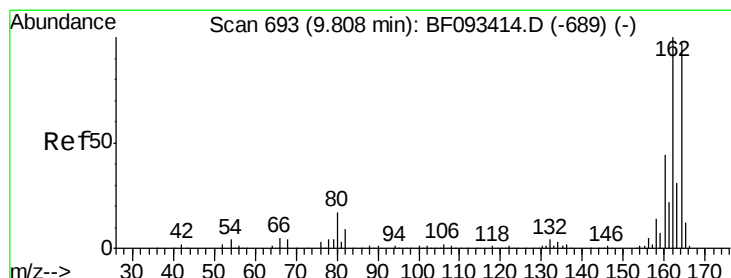
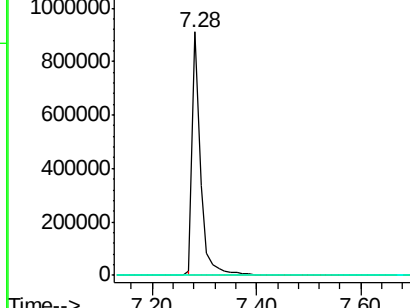
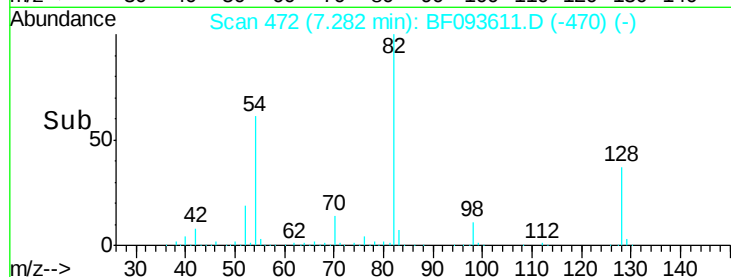
138 0.0 14.6 22.0#



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: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093611.D

Acq: 13 Mar 2017 17:02

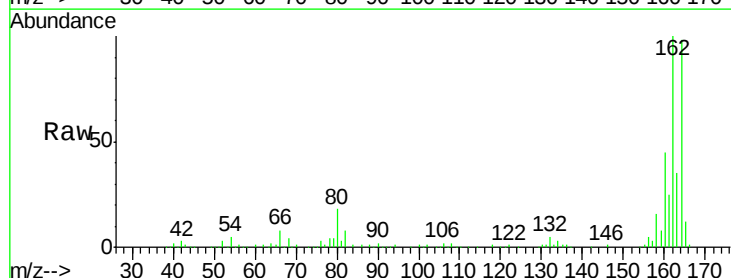
Tgt Ion: 164 Resp: 284986

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

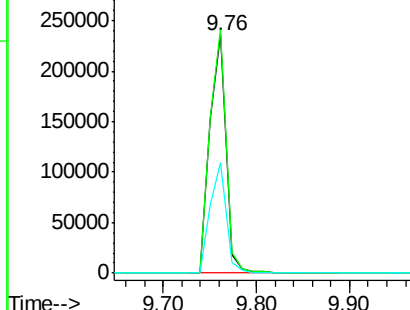
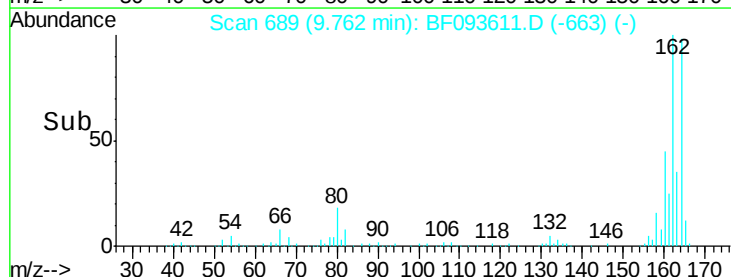
160 46.4 36.9 55.3

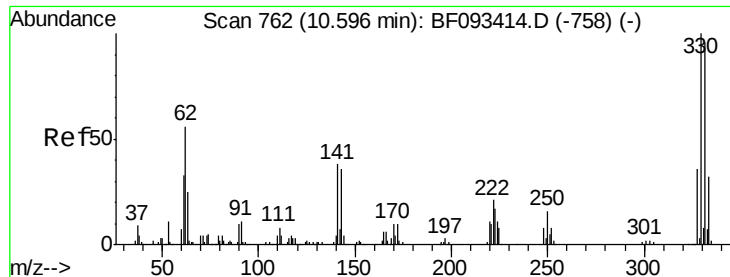


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

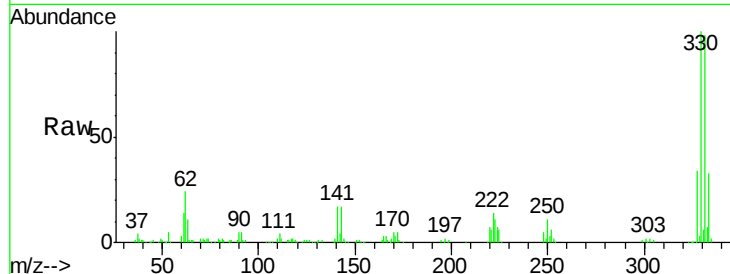




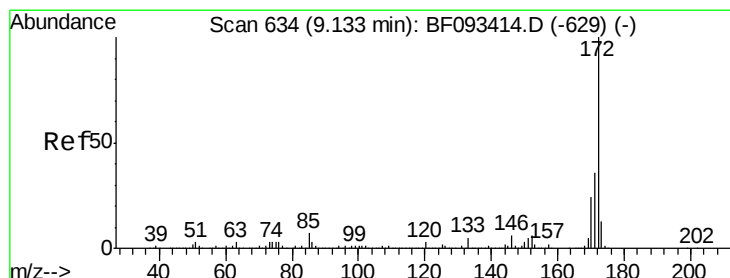
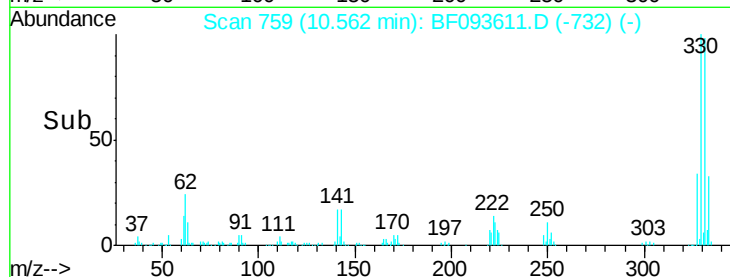
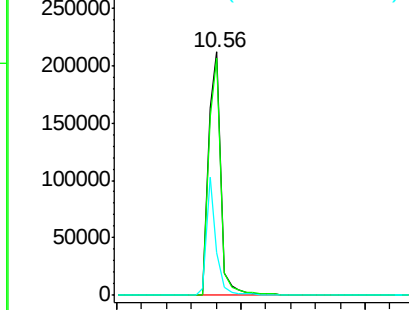
#41
 2,4,6-Tribromophenol
 Concen: 155.56 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093611.D
 Acq: 13 Mar 2017 17:02

Instrument :
 BNA_F
 ClientSampled :
 D-69

Tgt Ion:330 Resp: 288832
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 38.7 34.1 51.1

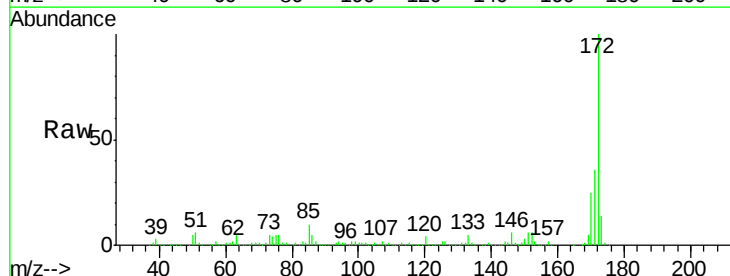


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

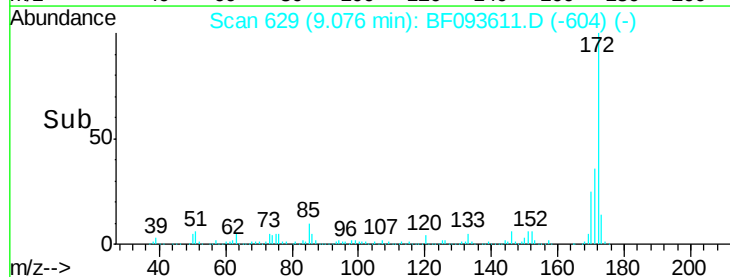
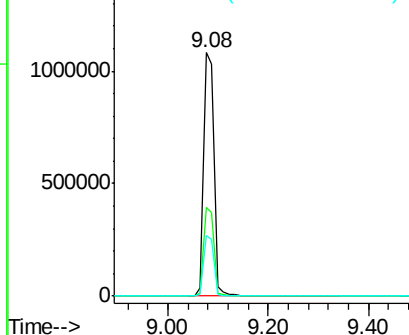


#44
 2-Fluorobiphenyl
 Concen: 100.90 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093611.D
 Acq: 13 Mar 2017 17:02

Tgt Ion:172 Resp: 1546003
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.8 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

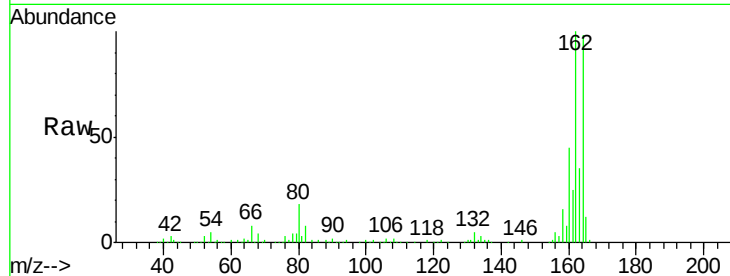




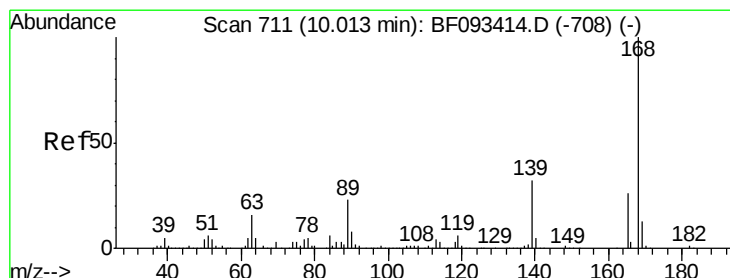
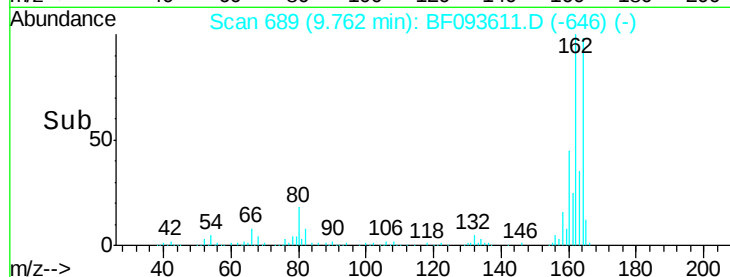
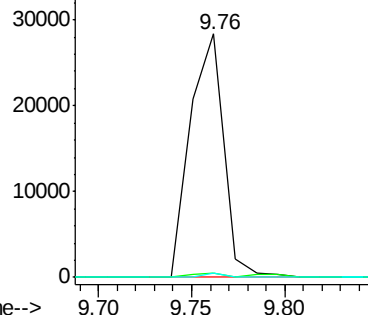
#50
 2,6-Dinitrotoluene
 Concen: 8.64 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.19 min
 Lab File: BF093611.D
 Acq: 13 Mar 2017 17:02

Instrument :
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Tgt Ion:165 Resp: 35834
 Ion Ratio Lower Upper
 165 100
 63 1.9 36.2 54.4#
 89 2.0 40.2 60.4#

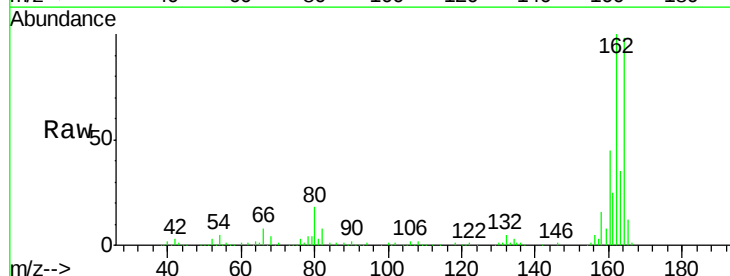


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

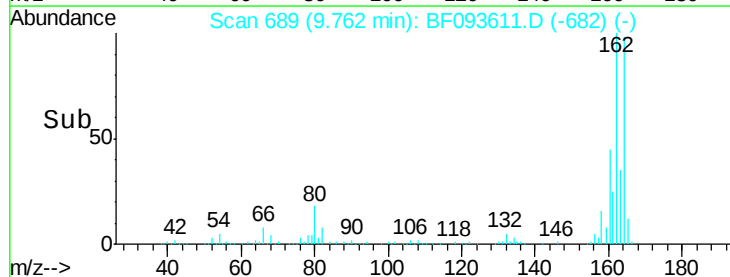
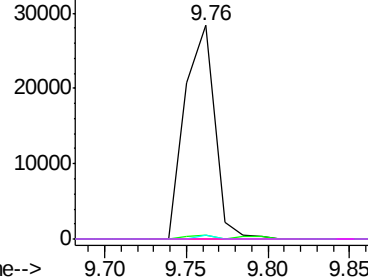


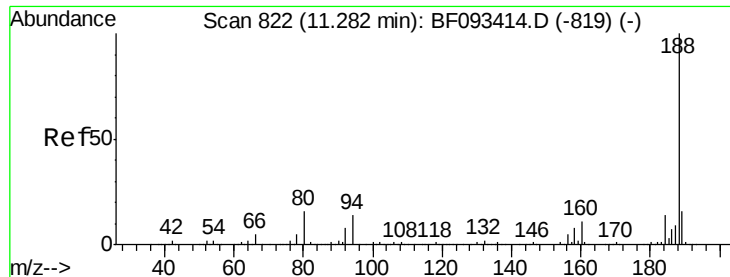
#56
 2,4-Dinitrotoluene
 Concen: 7.03 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093611.D
 Acq: 13 Mar 2017 17:02

Tgt Ion:165 Resp: 35828
 Ion Ratio Lower Upper
 165 100
 63 1.9 40.2 60.4#
 89 2.0 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

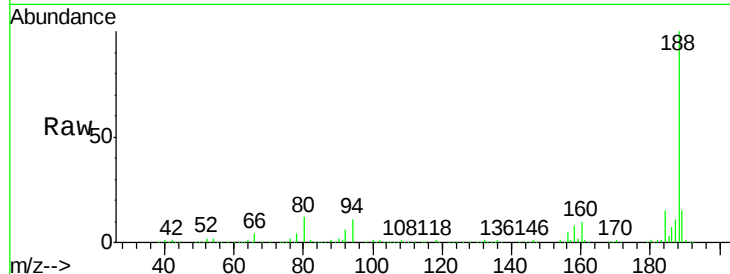




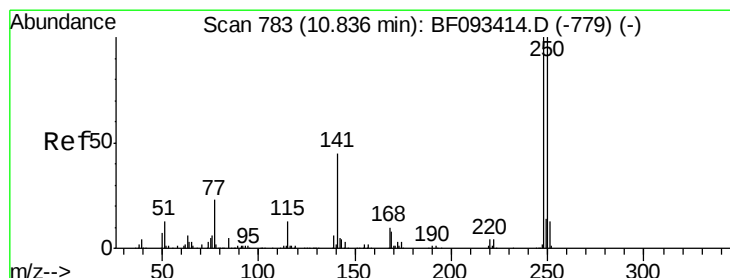
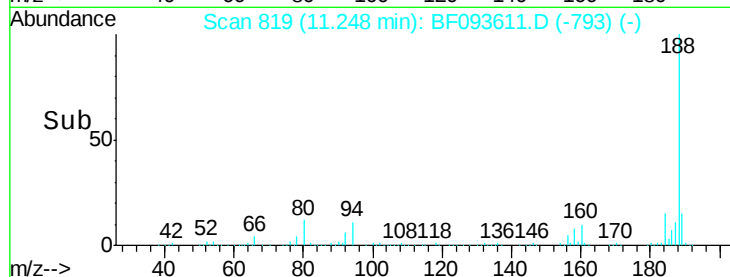
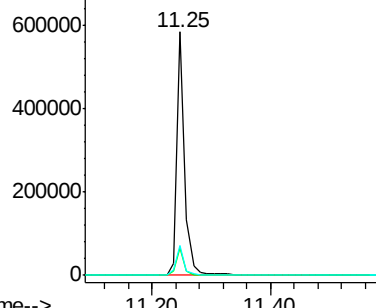
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093611.D
Acq: 13 Mar 2017 17:02

Instrument :
BNA_F
ClientSampleId :
D-69

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	10.0	15.0
80	12.2	11.2	16.8

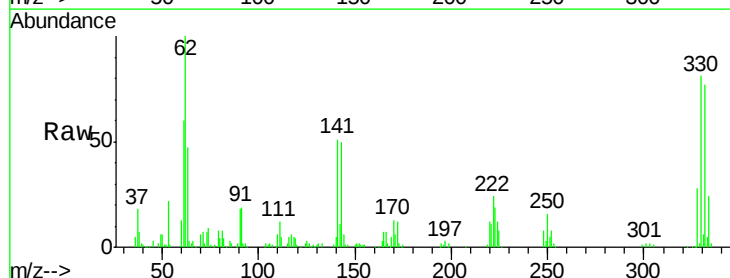


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

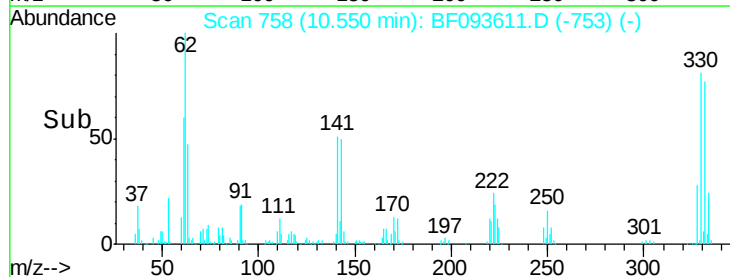
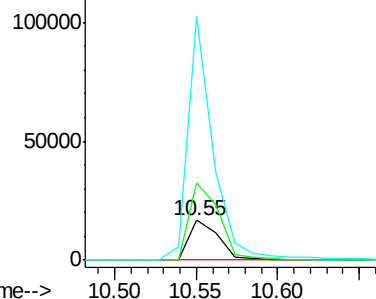


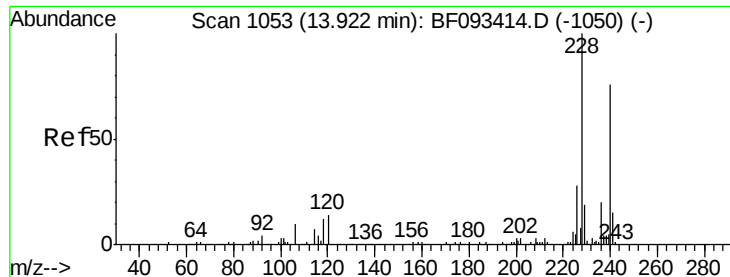
#66
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093611.D
Acq: 13 Mar 2017 17:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.5	76.9	115.3#
141	615.3	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. 0.01 min

Lab File: BF093611.D

Acq: 13 Mar 2017 17:02

Instrument :

BNA_F

ClientSampleId :

D-69

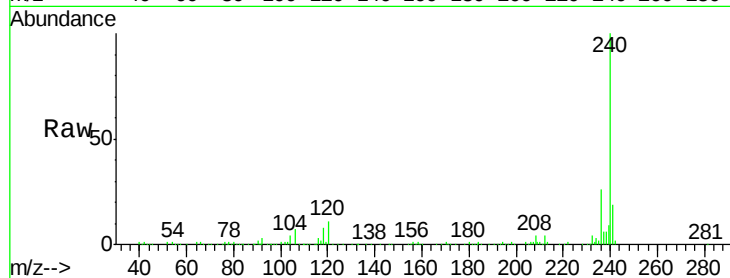
Tgt Ion:240 Resp: 366015

Ion Ratio Lower Upper

240 100

120 10.7 12.9 19.3#

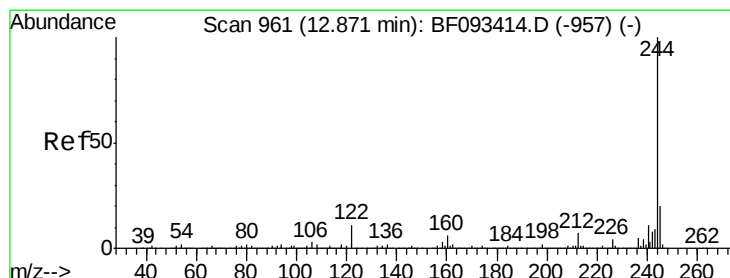
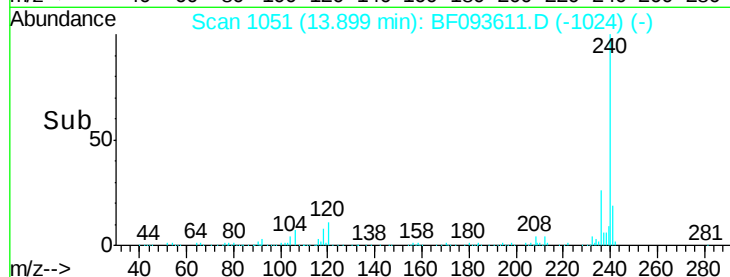
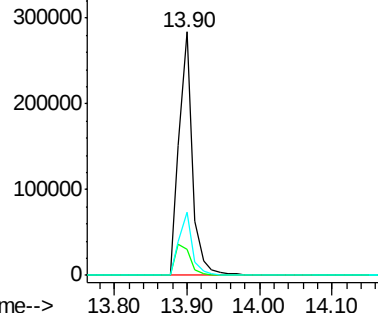
236 25.7 20.9 31.3



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: 94.55 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093611.D

Acq: 13 Mar 2017 17:02

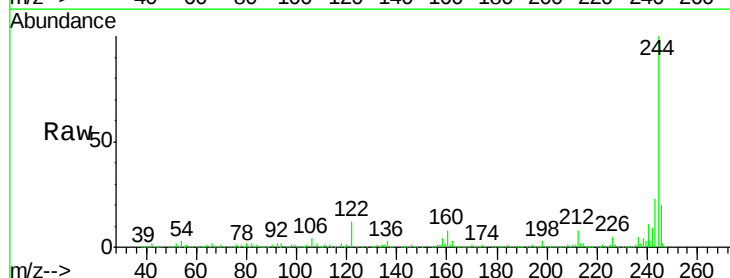
Tgt Ion:244 Resp: 1331084

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

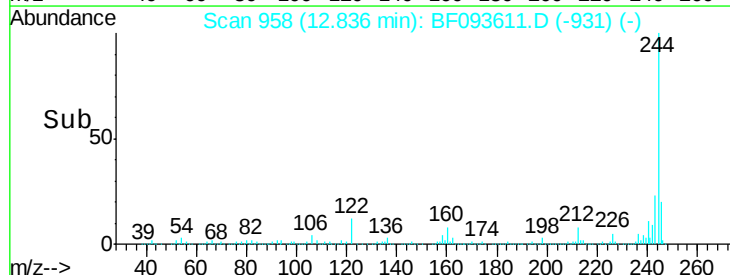
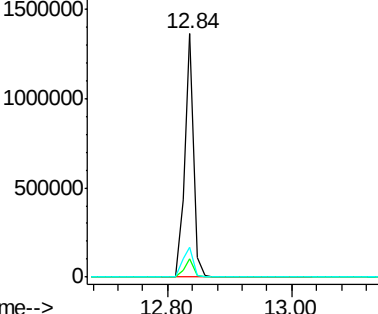
122 12.2 11.4 17.2

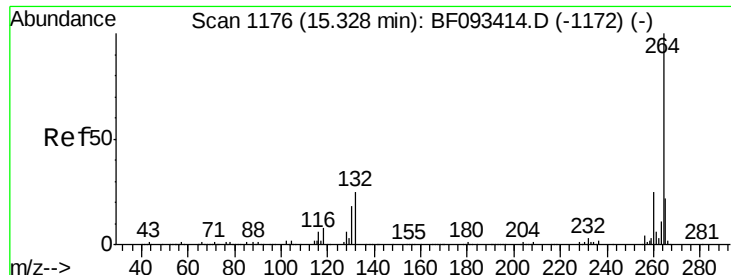


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

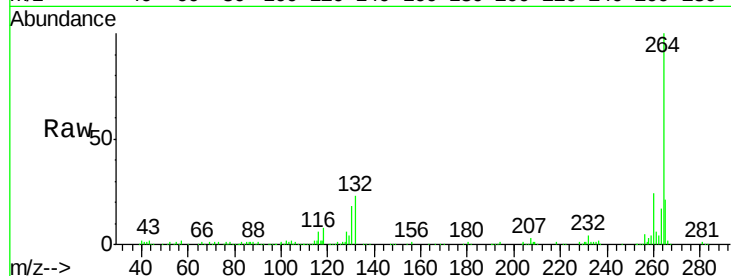




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093611.D
Acq: 13 Mar 2017 17:02

Instrument :
BNA_F
ClientSampleId :
D-69

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	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

