

Data File : BF093087.D
Acq On : 22 Feb 2017 20:42
Operator : SJ/MA
Sample : I1930-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
14A-9-11

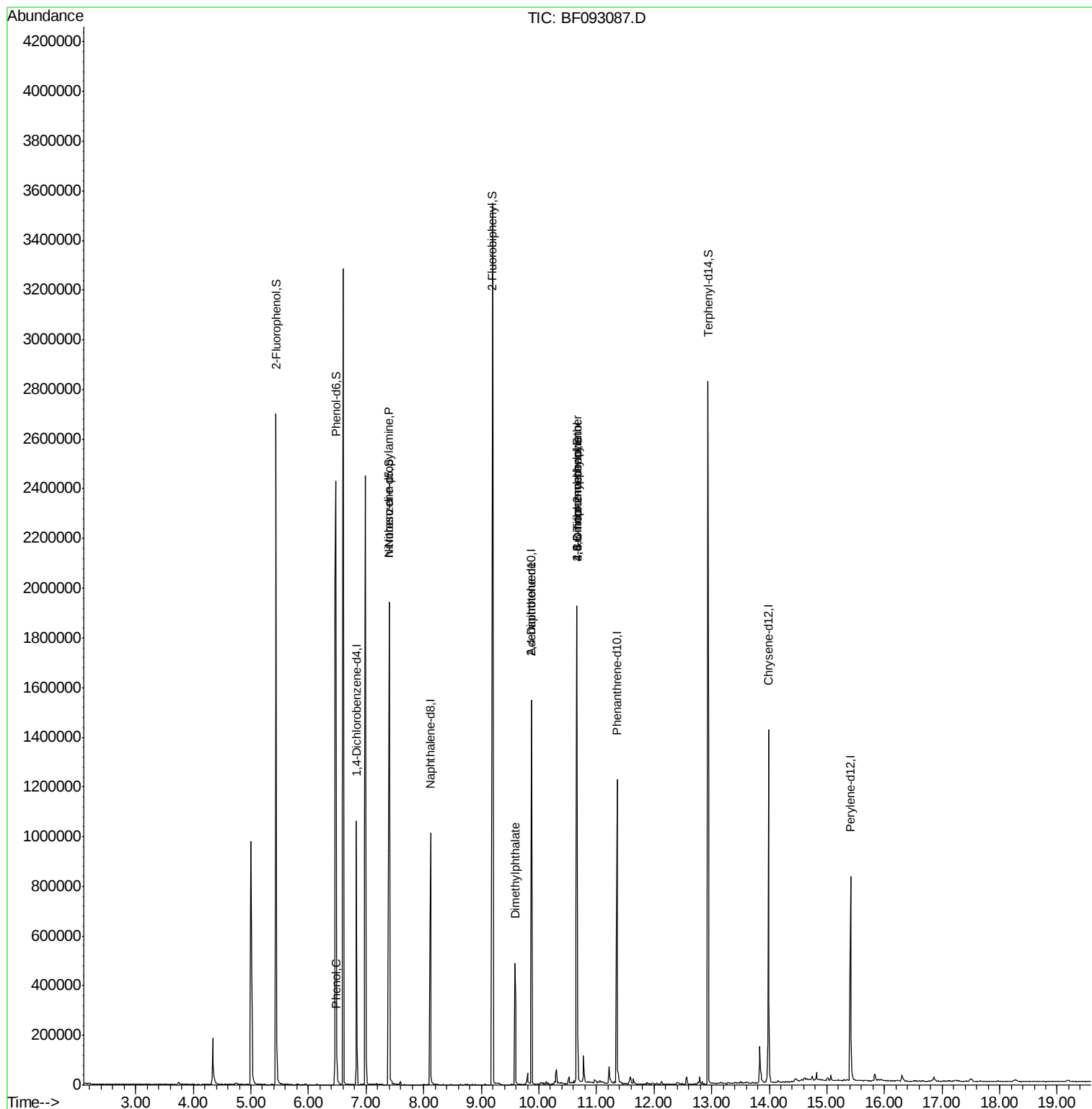
Quant Time: Feb 22 23:58:24 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

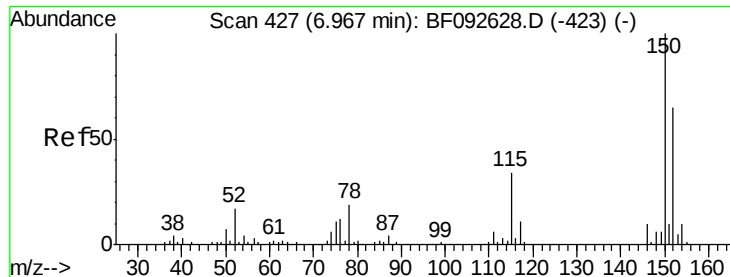
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	147863	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	587055	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	295930	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	544827	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	480847	20.00	ng	-0.03
86) Perylene-d12	15.41	264	374027	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	885404	102.73	ng	-0.01
7) Phenol-d6	6.48	99	1164230	104.99	ng	-0.01
23) Nitrobenzene-d5	7.40	82	717466	68.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	214005	99.99	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1203164	73.66	ng	-0.02
78) Terphenyl-d14	12.93	244	996541	48.70	ng	-0.03
Target Compounds						
10) Phenol	6.49	94	26229	2.02	ng	# 66
19) n-Nitroso-di-n-propylamine	7.40	70	93331	13.22	ng	# 79
49) Dimethylphthalate	9.58	163	267874	13.44	ng	# 98
56) 2,4-Dinitrotoluene	9.87	165	38015	6.63	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.66	198	362	2.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	15635	2.75	ng	# 1

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

ALS Vial : 15 Sample Multiplier: 1

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

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ClientSampleId :

14A-9-11

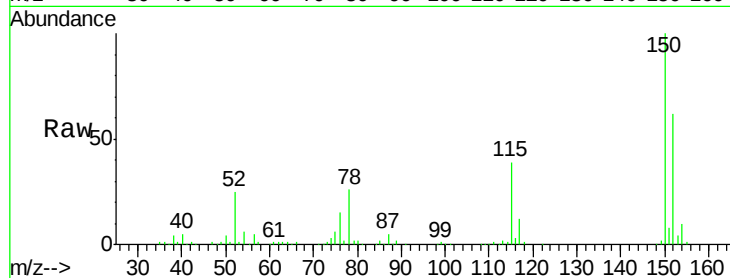
Tgt Ion:152 Resp: 147863

Ion Ratio Lower Upper

152 100

150 160.5 124.9 187.3

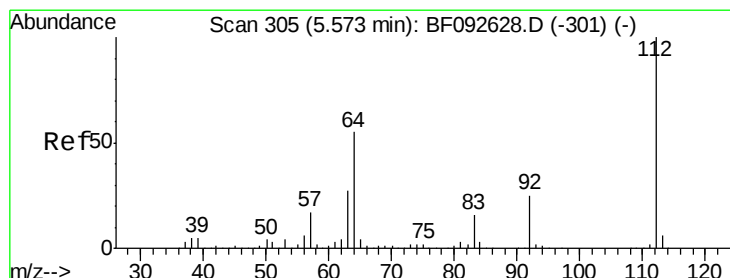
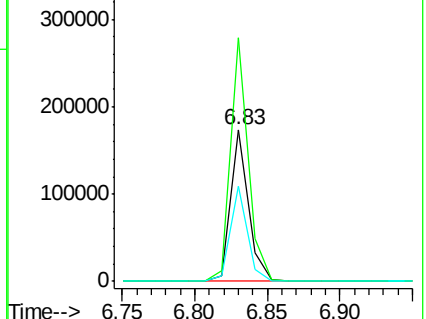
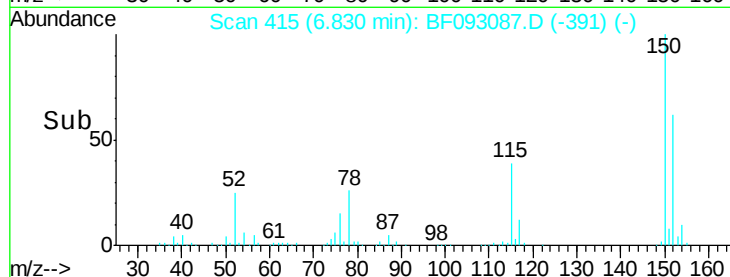
115 63.0 46.0 69.0



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: 102.73 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

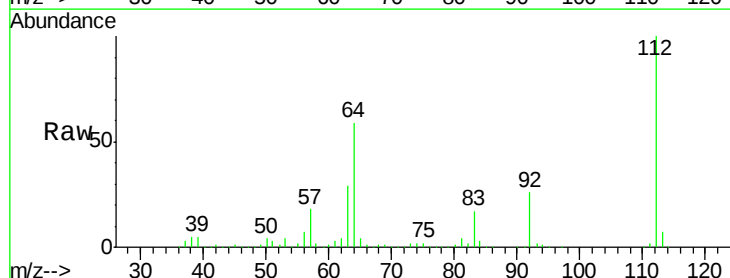
Tgt Ion:112 Resp: 885404

Ion Ratio Lower Upper

112 100

64 59.0 46.1 69.1

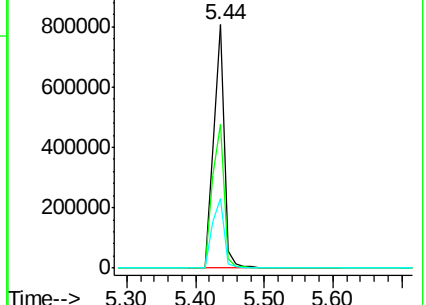
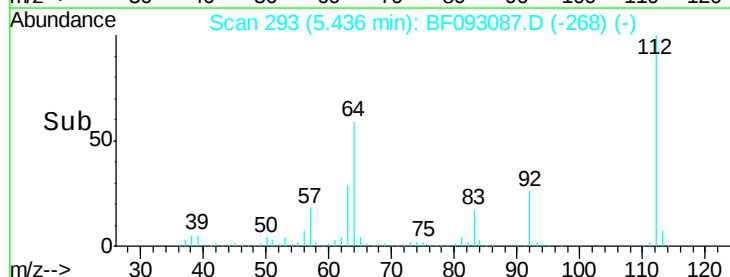
63 28.6 23.8 35.6



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: 104.99 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

Instrument :

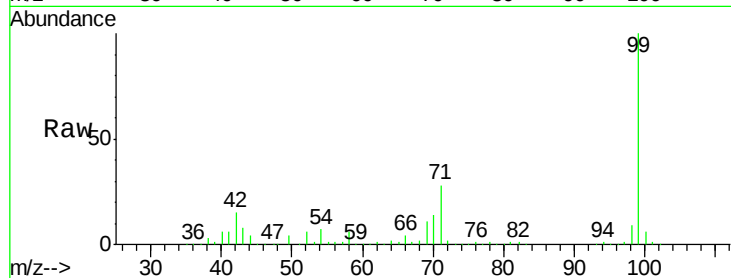
BNA_F

ClientSampleId :

14A-9-11

Tgt Ion: 99 Resp: 1164230

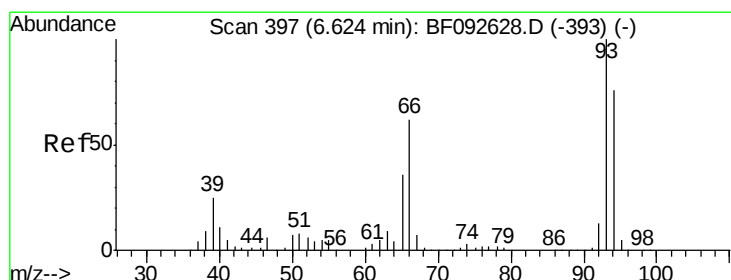
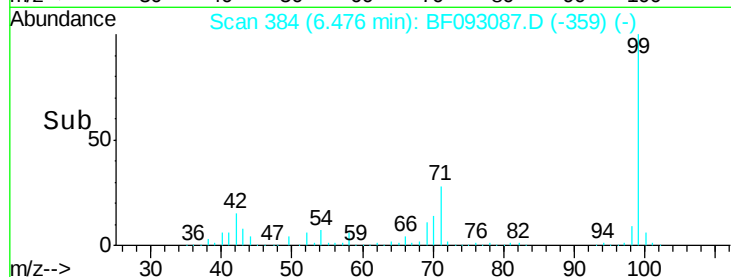
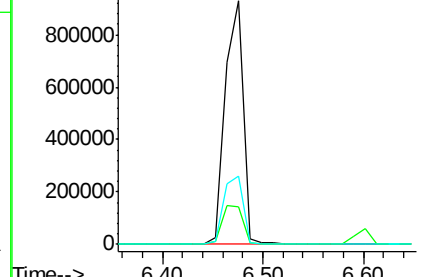
Ion	Ratio	Lower	Upper
99	100		
42	15.4	15.6	23.4#
71	28.1	27.5	41.3



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: 2.02 ng

RT: 6.49 min Scan# 385

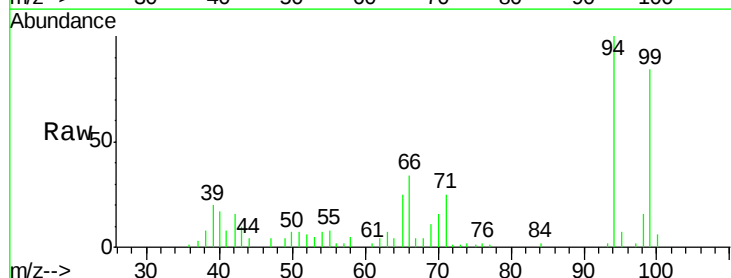
Delta R.T. -0.02 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

Tgt Ion: 94 Resp: 26229

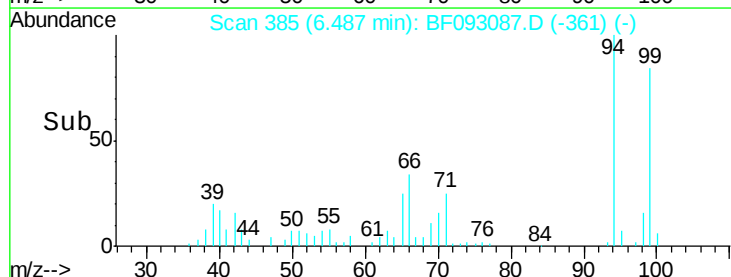
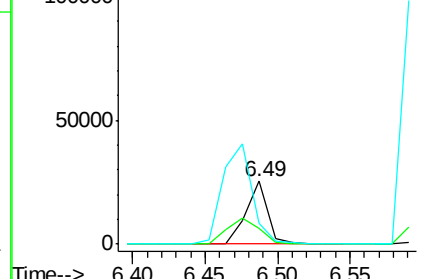
Ion	Ratio	Lower	Upper
94	100		
65	24.6	21.4	61.4
66	34.3	44.0	84.0#



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

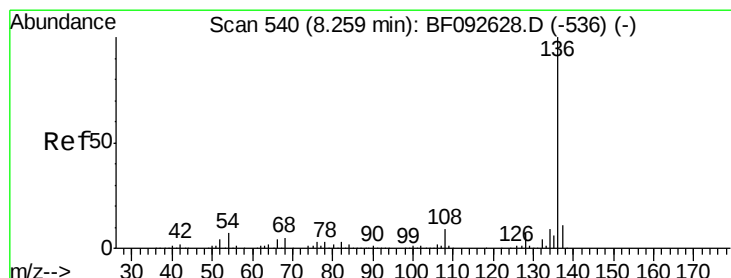
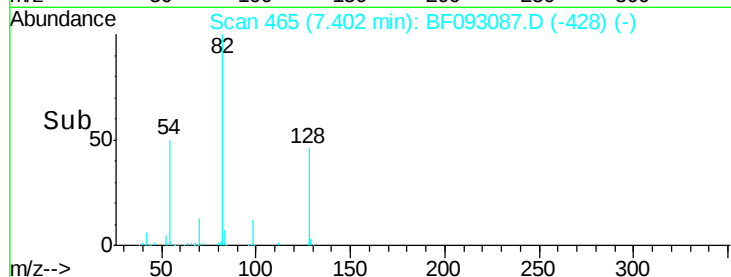
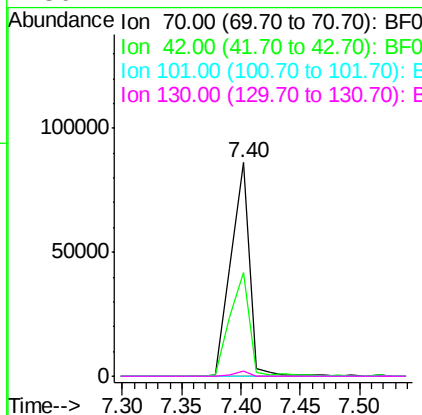
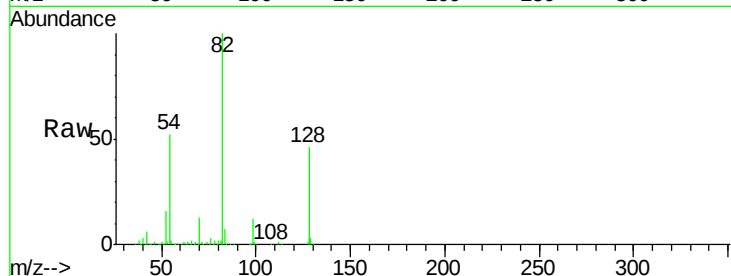




#19
n-Nitroso-di-n-propylamine
Concen: 13.22 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093087.D
Acq: 22 Feb 2017 20:42

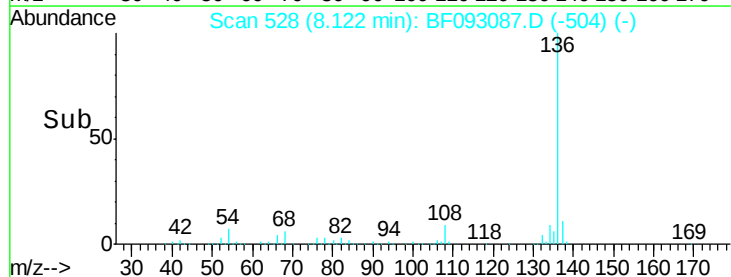
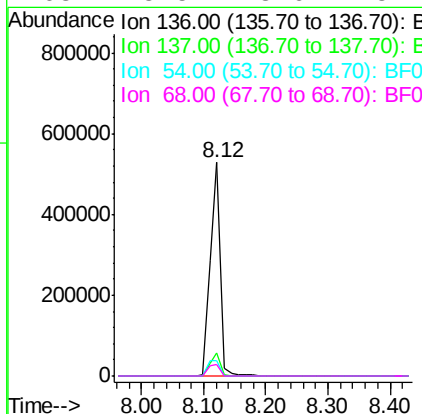
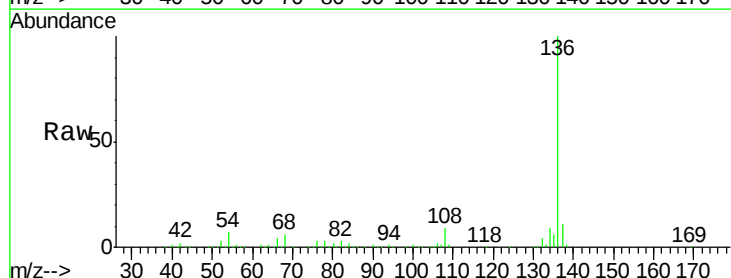
Instrument :
BNA_F
ClientSampled :
14A-9-11

Tgt Ion: 70 Resp: 93331
Ion Ratio Lower Upper
70 100
42 48.8 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093087.D
Acq: 22 Feb 2017 20:42

Tgt Ion: 136 Resp: 587055
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.4 4.5 6.7#
68 5.5 3.6 5.4#

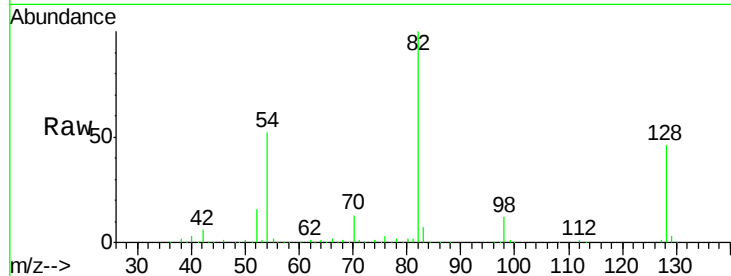




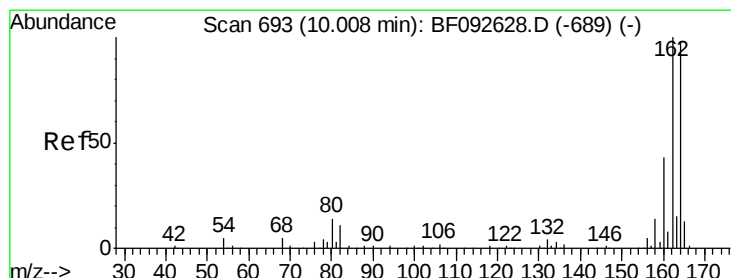
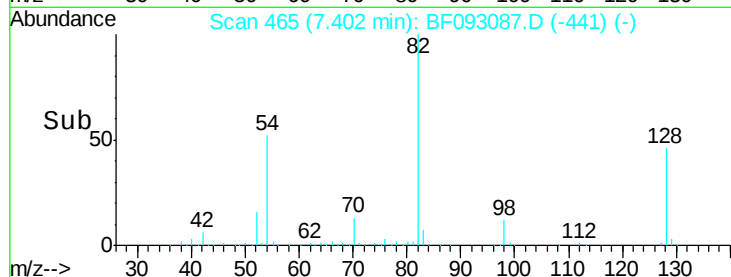
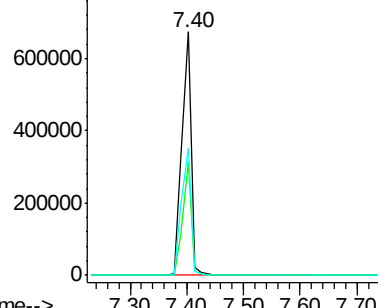
#23
 Nitrobenzene-d5
 Concen: 68.06 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093087.D
 Acq: 22 Feb 2017 20:42

Instrument :
 BNA_F
 ClientSampled :
 14A-9-11

Tgt Ion: 82 Resp: 717466
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.6 52.0
 54 52.2 39.5 59.3

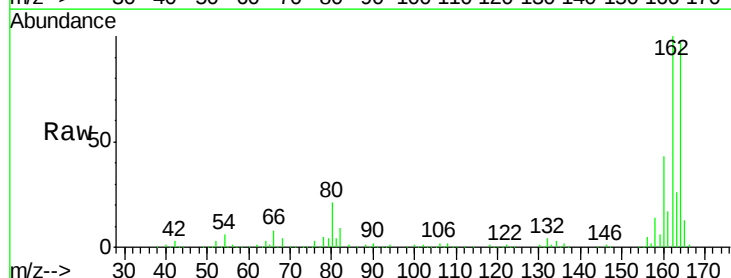


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

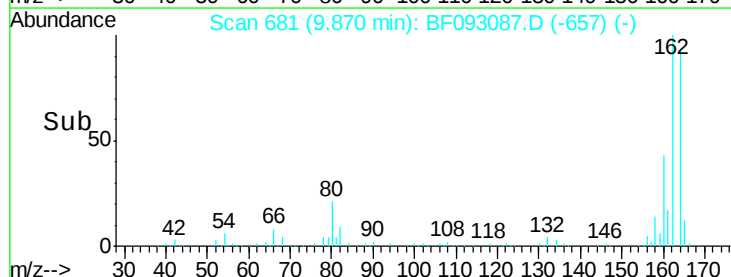
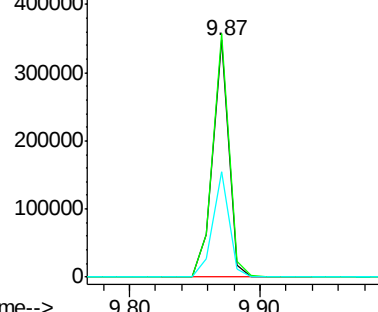


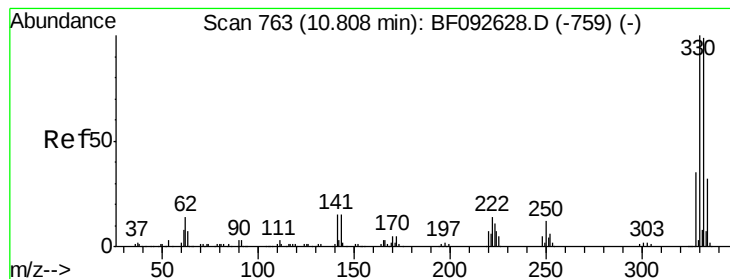
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093087.D
 Acq: 22 Feb 2017 20:42

Tgt Ion: 164 Resp: 295930
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.2 120.2
 160 44.5 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

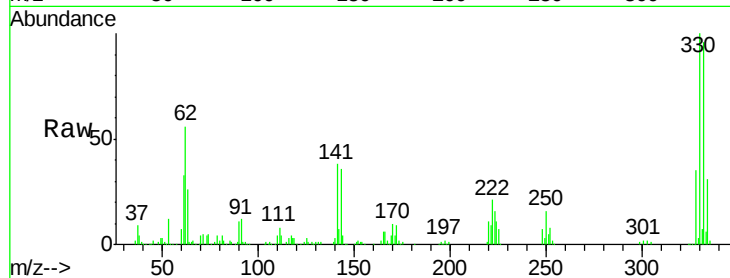




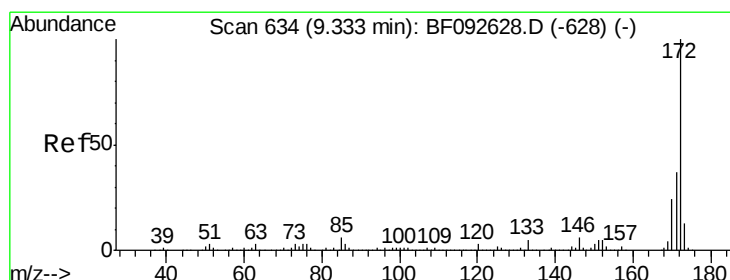
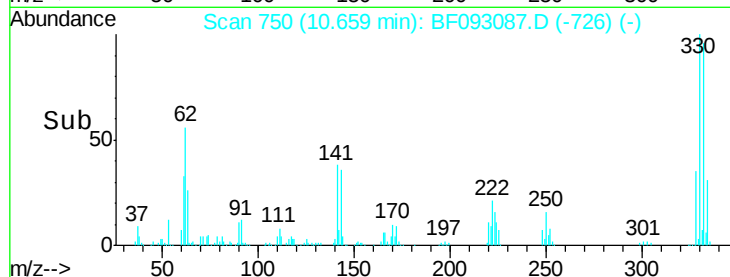
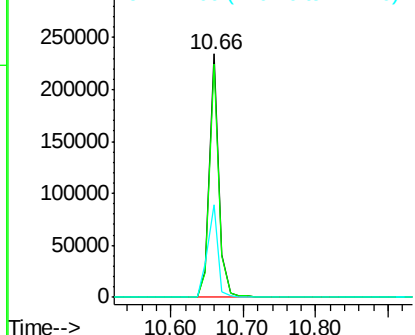
#41
 2,4,6-Tribromophenol
 Concen: 99.99 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF093087.D
 Acq: 22 Feb 2017 20:42

Instrument :
 BNA_F
 ClientSampleId :
 14A-9-11

Tgt Ion: 330 Resp: 214005
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 41.6 34.1 51.1

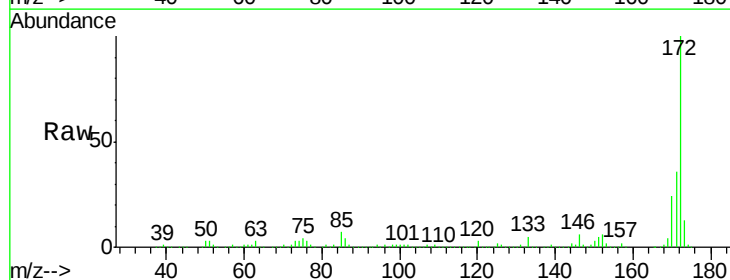


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

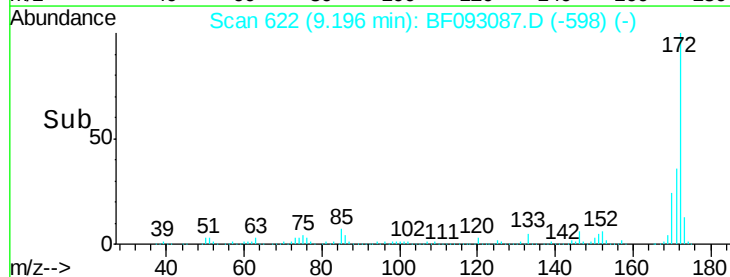
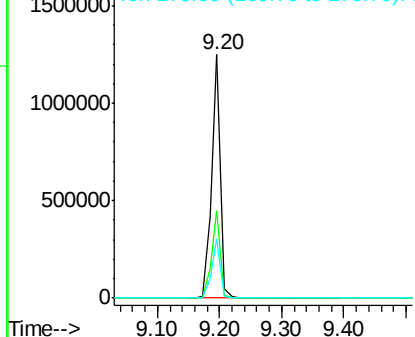


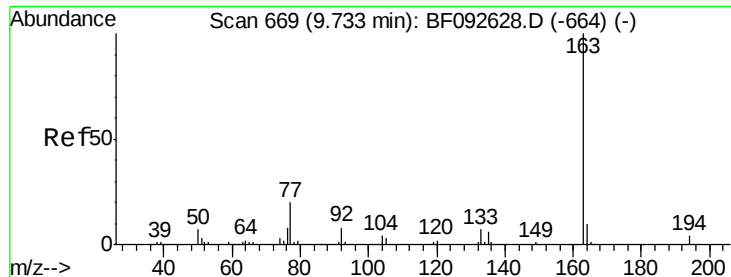
#44
 2-Fluorobiphenyl
 Concen: 73.66 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093087.D
 Acq: 22 Feb 2017 20:42

Tgt Ion: 172 Resp: 1203164
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: 13.44 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

Instrument :

BNA_F

ClientSampleId :

14A-9-11

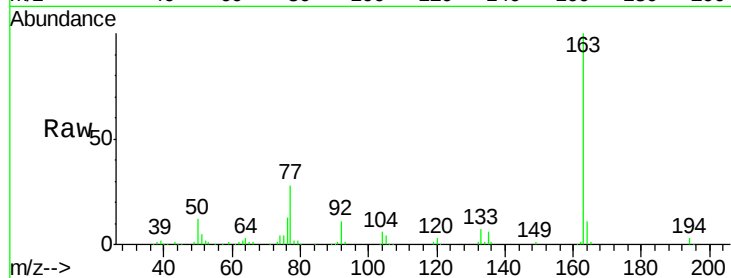
Tgt Ion:163 Resp: 267874

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

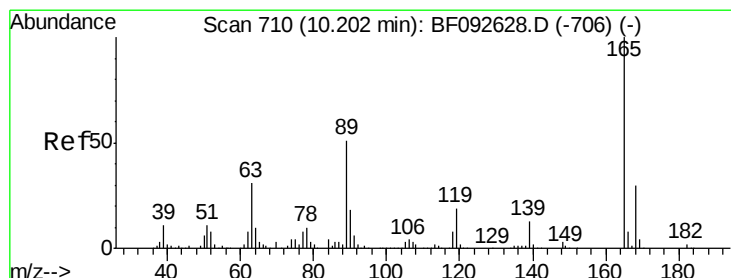
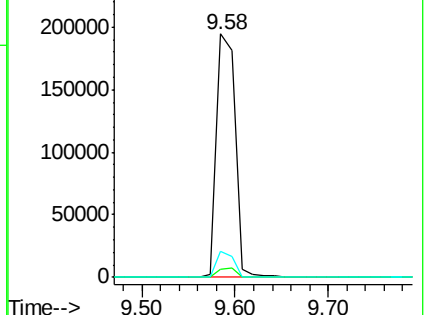
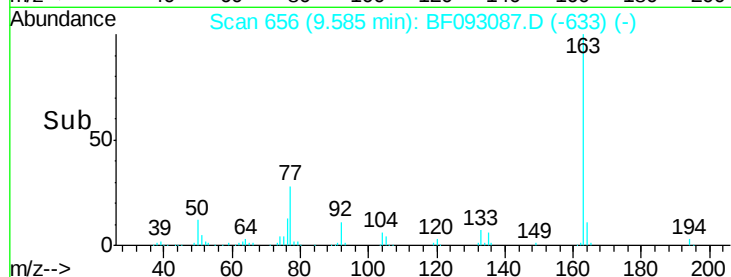
164 10.6 8.0 12.0



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: 6.63 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.22 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

Tgt Ion:165 Resp: 38015

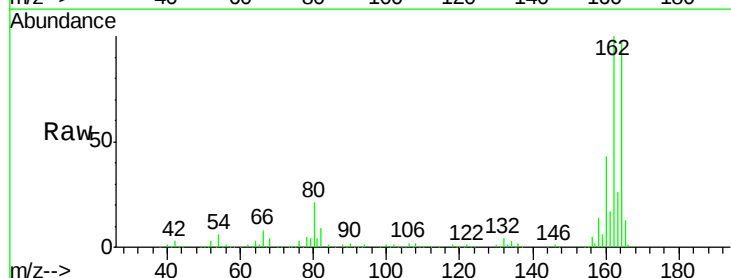
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 1.4 62.5 93.7#

182 0.0 1.8 2.8#

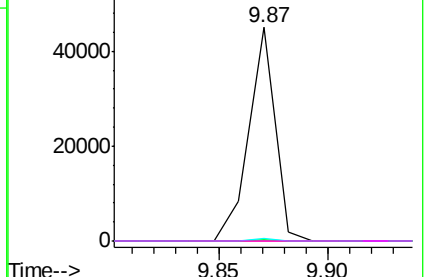
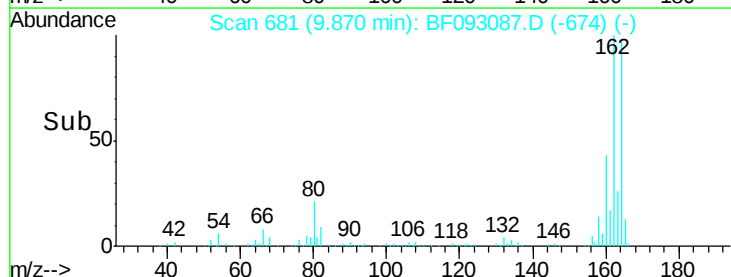


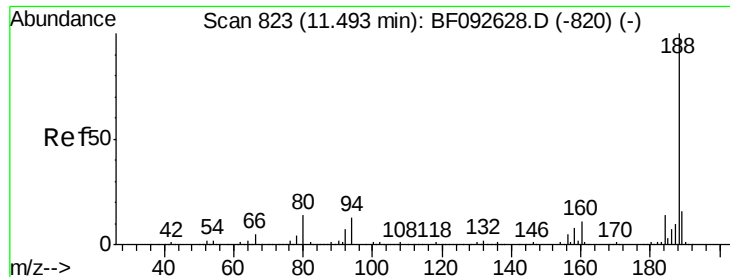
Abundance Ion 165.00 (164.70 to 165.70): E

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

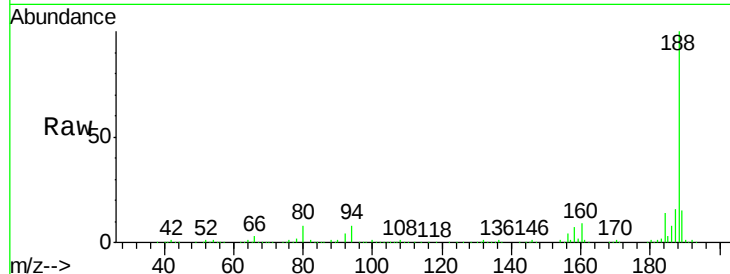




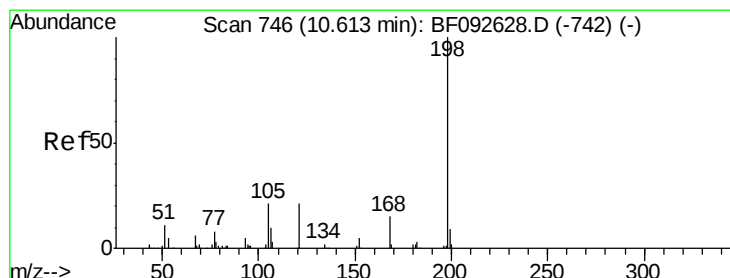
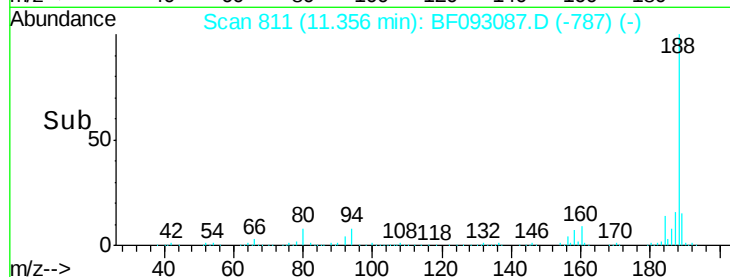
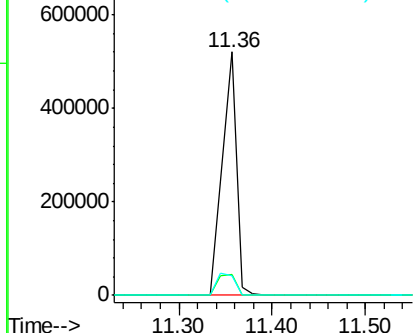
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093087.D
Acq: 22 Feb 2017 20:42

Instrument :
BNA_F
ClientSampleId :
14A-9-11

Tgt Ion:188 Resp: 544827
Ion Ratio Lower Upper
188 100
94 8.3 10.0 15.0#
80 8.1 11.2 16.8#

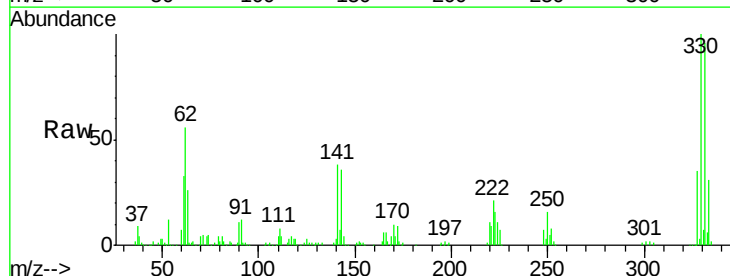


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

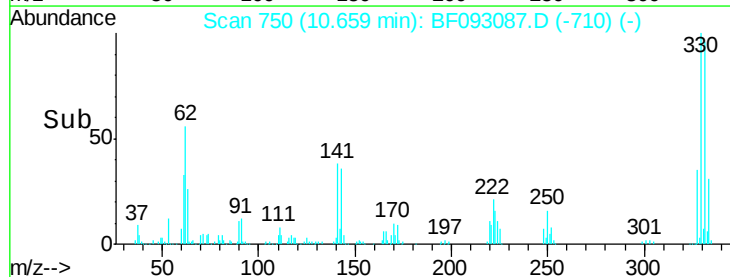
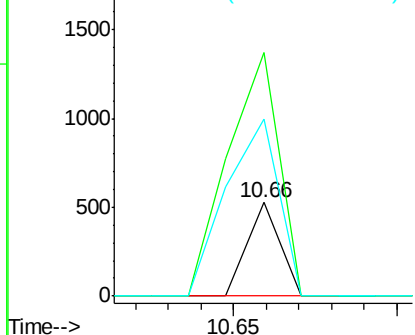


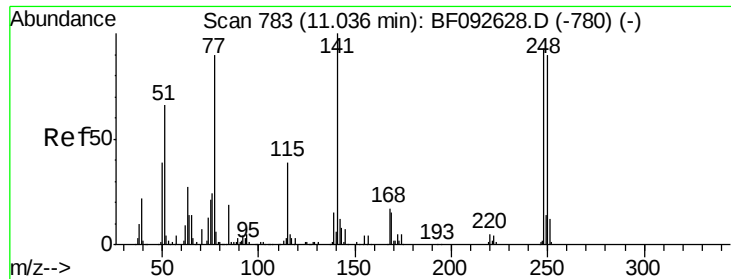
#64
4,6-Dinitro-2-methylphenol
Concen: 2.77 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.16 min
Lab File: BF093087.D
Acq: 22 Feb 2017 20:42

Tgt Ion:198 Resp: 362
Ion Ratio Lower Upper
198 100
51 259.7 6.7 46.7#
105 189.4 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

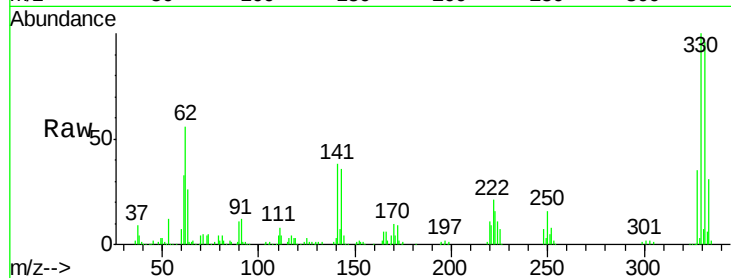




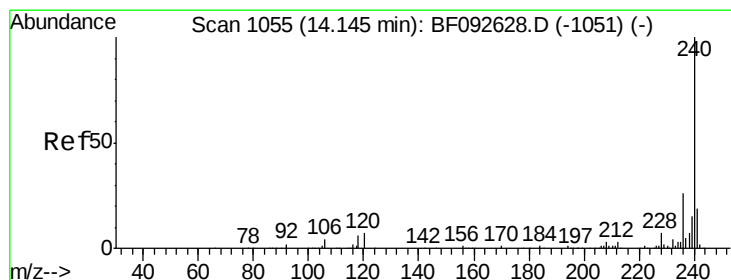
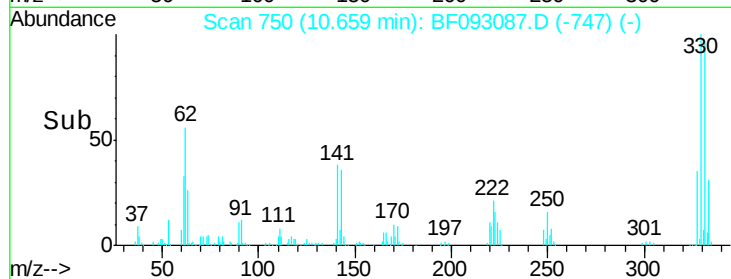
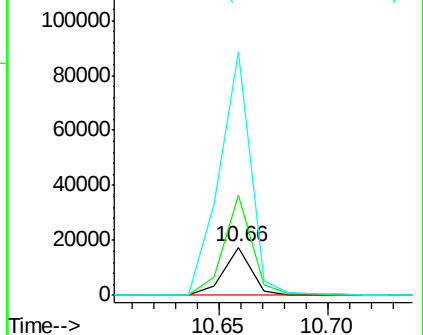
#66
 4-Bromophenyl-phenylether
 Concen: 2.75 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.26 min
 Lab File: BF093087.D
 Acq: 22 Feb 2017 20:42

Instrument :
 BNA_F
 ClientSampleId :
 14A-9-11

Tgt Ion:248 Resp: 15635
 Ion Ratio Lower Upper
 248 100
 250 210.0 76.9 115.3#
 141 509.3 68.2 102.4#

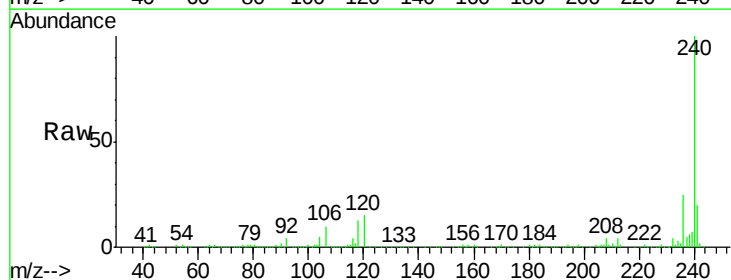


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

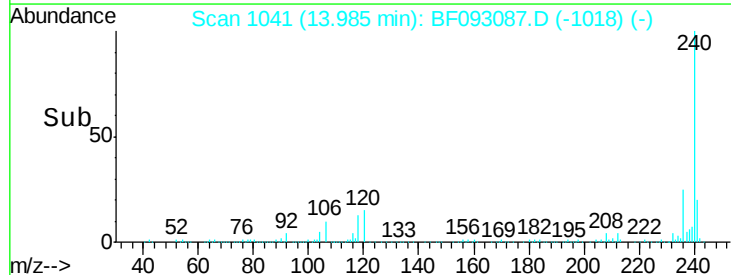
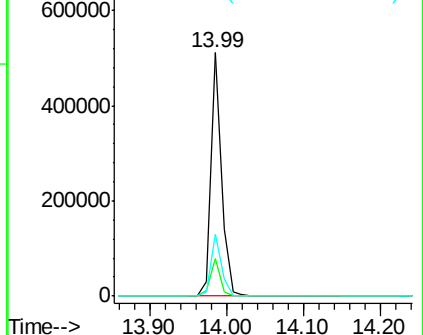


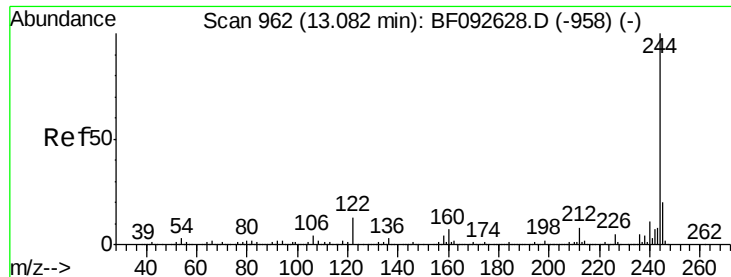
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF093087.D
 Acq: 22 Feb 2017 20:42

Tgt Ion:240 Resp: 480847
 Ion Ratio Lower Upper
 240 100
 120 15.5 12.9 19.3
 236 25.4 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: 48.70 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

Instrument :

BNA_F

ClientSampleId :

14A-9-11

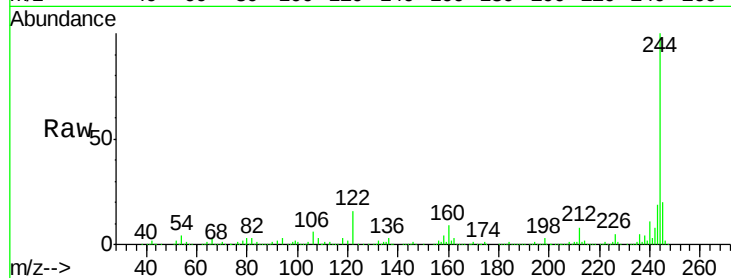
Tgt Ion:244 Resp: 996541

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

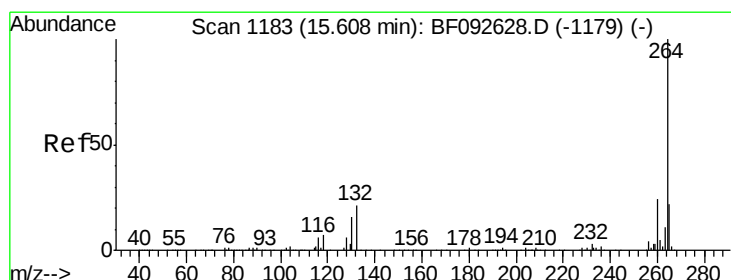
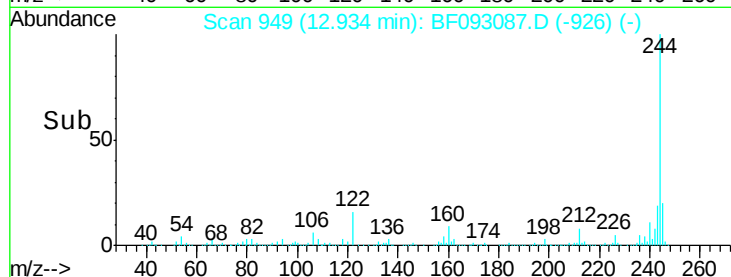
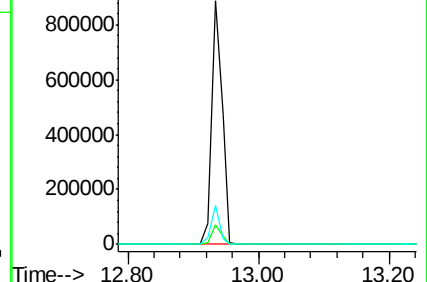
122 16.1 11.4 17.2



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: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093087.D

Acq: 22 Feb 2017 20:42

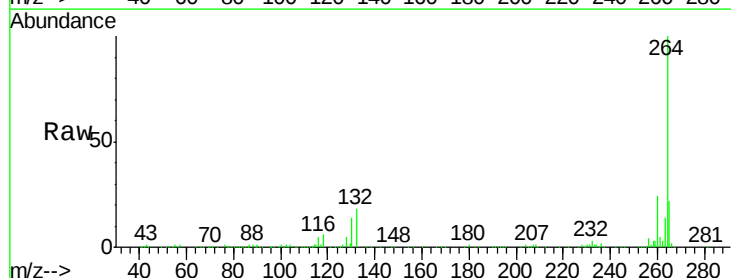
Tgt Ion:264 Resp: 374027

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.0 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

