

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092929.D
 Acq On : 13 Feb 2017 20:18
 Operator : SJ/MA
 Sample : I1799-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Feb 14 00:40:38 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

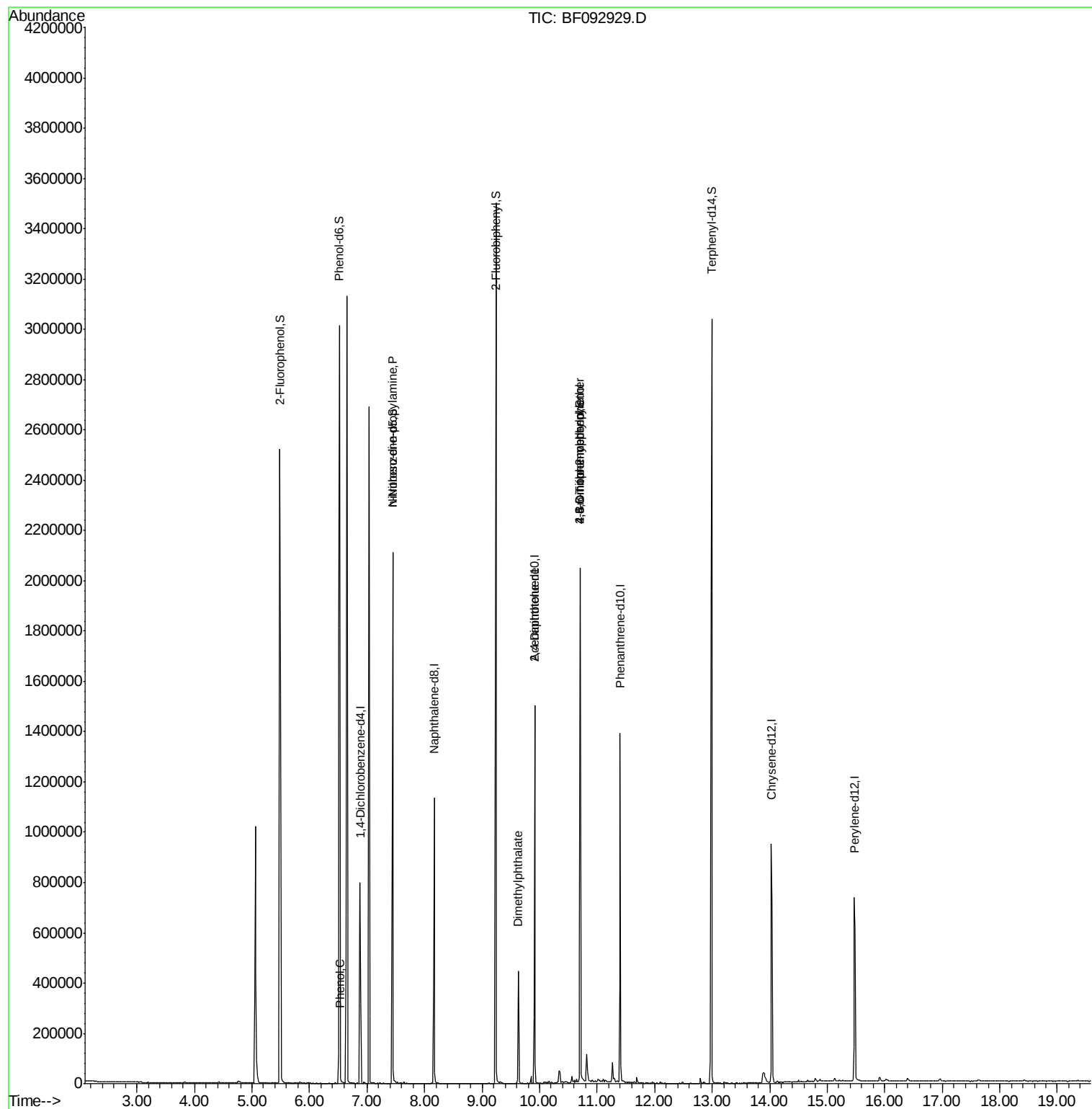
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	129503	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	547169	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	303292	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	508812	20.00	ng	0.00
75) Chrysene-d12	14.03	240	440633	20.00	ng	-0.02
86) Perylene-d12	15.47	264	388125	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	876924	116.17	ng	0.00
7) Phenol-d6	6.52	99	1227266	126.36	ng	-0.01
23) Nitrobenzene-d5	7.45	82	723463	73.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	224298	102.25	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1263633	75.48	ng	0.00
78) Terphenyl-d14	12.99	244	1168814	62.33	ng	0.00
Target Compounds						
10) Phenol	6.53	94	24926	2.19	ng	# 67
19) n-Nitroso-di-n-propylamine	7.45	70	94578	15.30	ng	# 79
49) Dimethylphthalate	9.63	163	168254	8.24	ng	99
56) 2,4-Dinitrotoluene	9.92	165	38989	6.64	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.70	198	403	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	16212	3.05	ng	# 1

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

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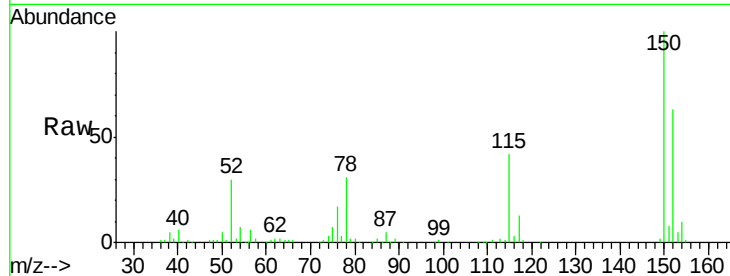




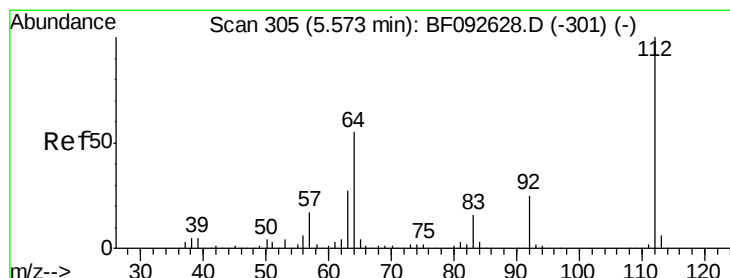
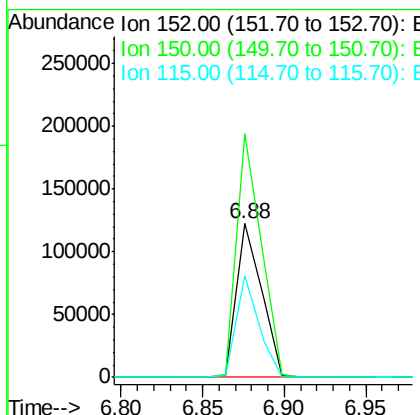
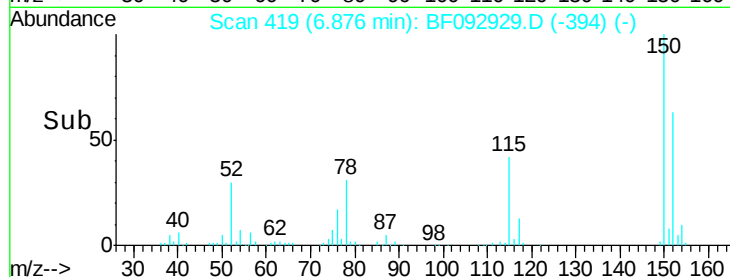
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092929.D
 Acq: 13 Feb 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:152 Resp: 129503
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.9 187.3
 115 66.2 46.0 69.0

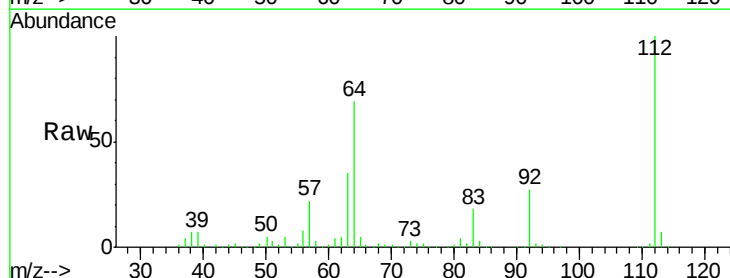


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

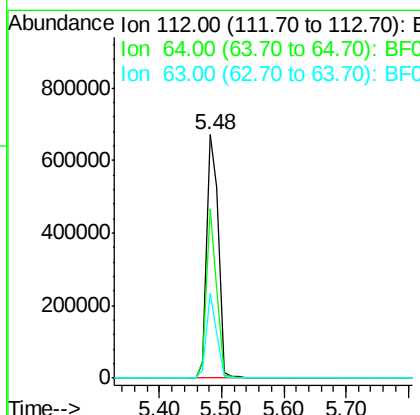
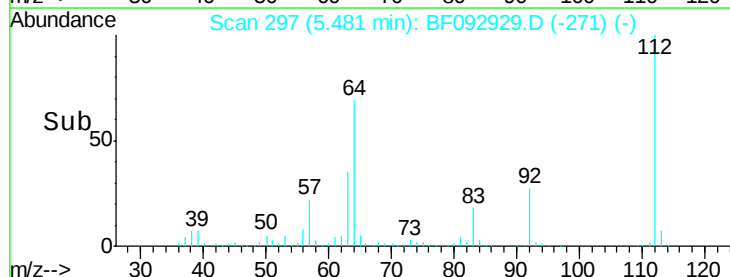


#5
 2-Fluorophenol
 Concen: 116.17 ng
 RT: 5.48 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: BF092929.D
 Acq: 13 Feb 2017 20:18

Tgt Ion:112 Resp: 876924
 Ion Ratio Lower Upper
 112 100
 64 69.5 46.1 69.1#
 63 35.0 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: 126.36 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092929.D

Acq: 13 Feb 2017 20:18

Instrument :

BNA_F

ClientSampled :

SB-2

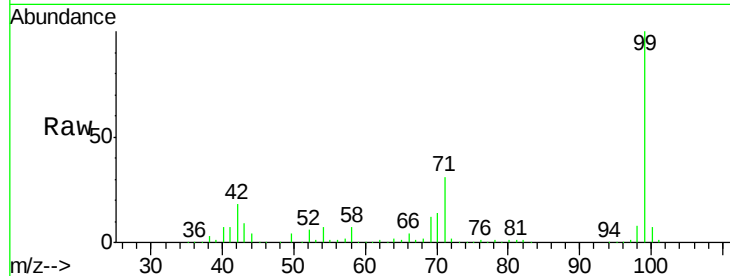
Tgt Ion: 99 Resp: 1227266

Ion Ratio Lower Upper

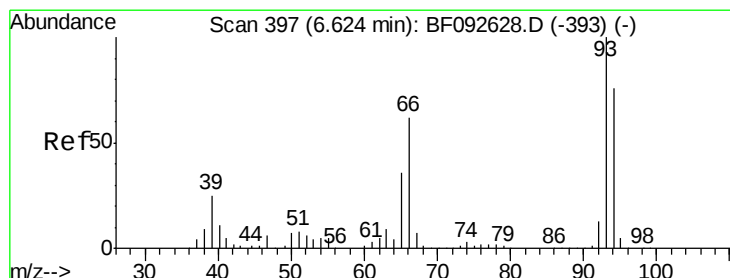
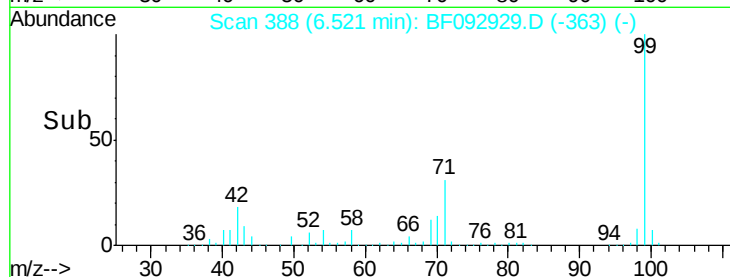
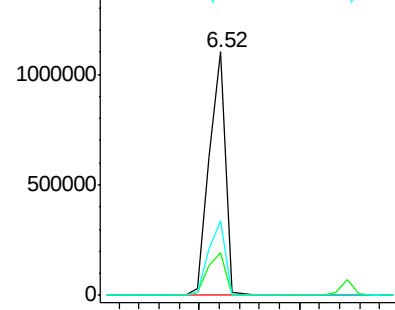
99 100

42 17.7 15.6 23.4

71 30.7 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: 2.19 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092929.D

Acq: 13 Feb 2017 20:18

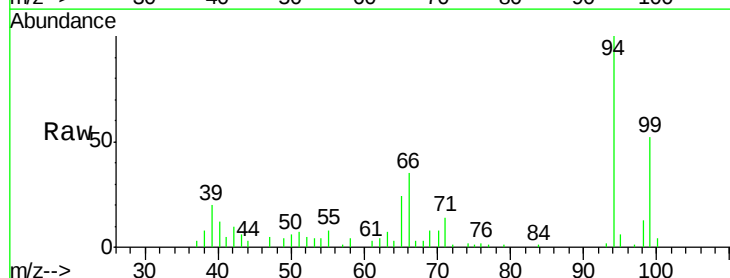
Tgt Ion: 94 Resp: 24926

Ion Ratio Lower Upper

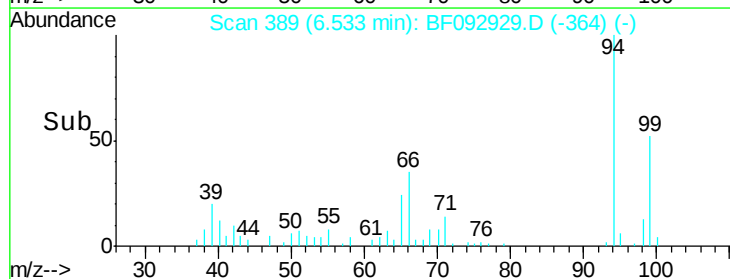
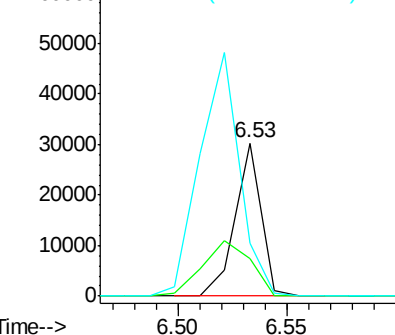
94 100

65 24.3 21.4 61.4

66 34.8 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

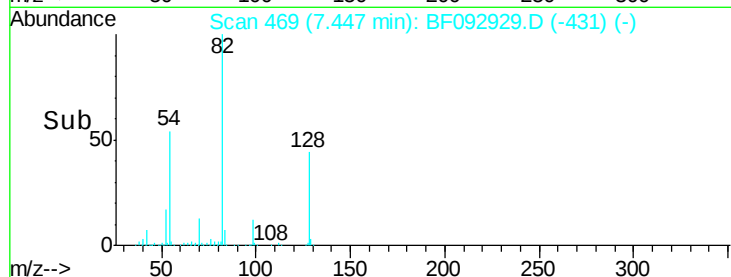
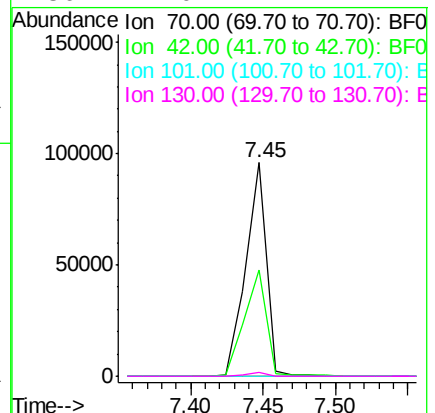
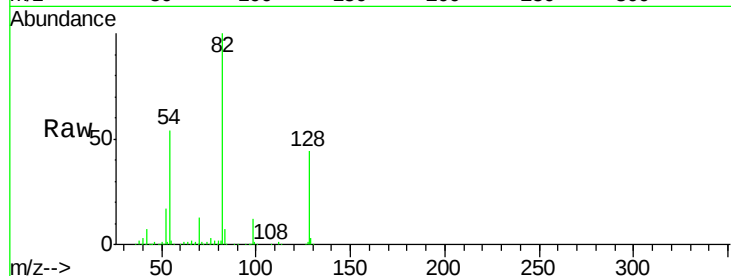




#19
n-Nitroso-di-n-propylamine
Concen: 15.30 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.14 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

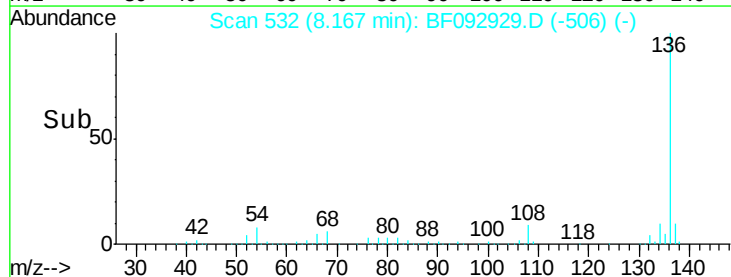
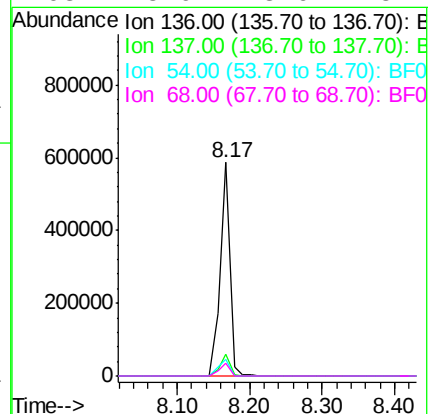
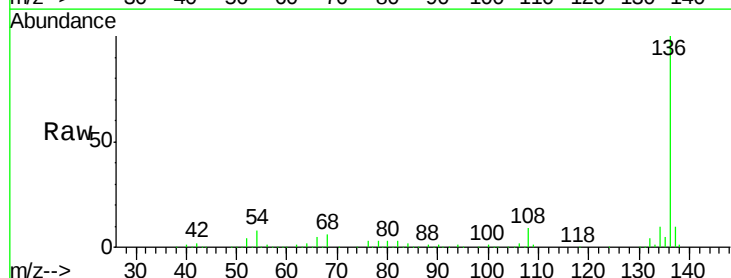
Instrument :
BNA_F
ClientSampleId :
SB-2

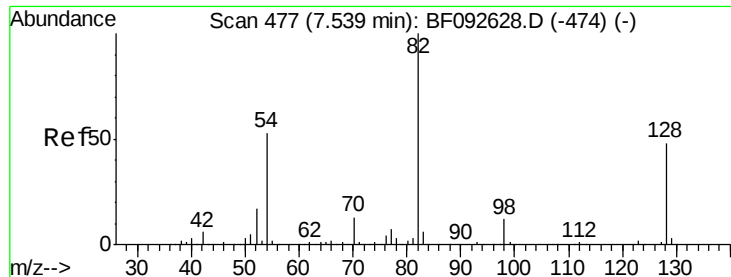
Tgt Ion: 70 Resp: 94578
Ion Ratio Lower Upper
70 100
42 49.7 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Tgt Ion: 136 Resp: 547169
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 8.0 4.5 6.7#
68 5.9 3.6 5.4#

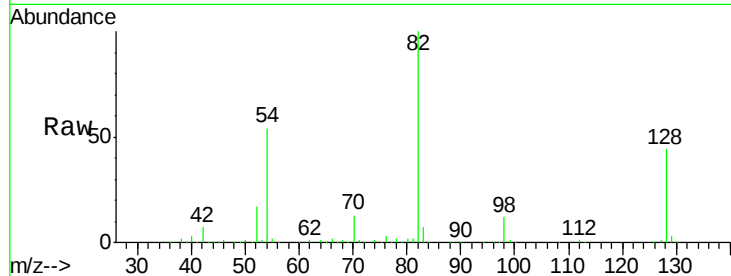




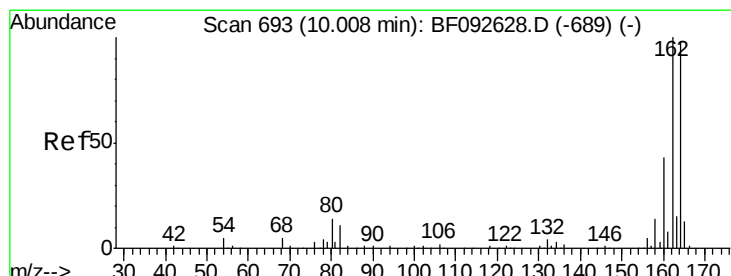
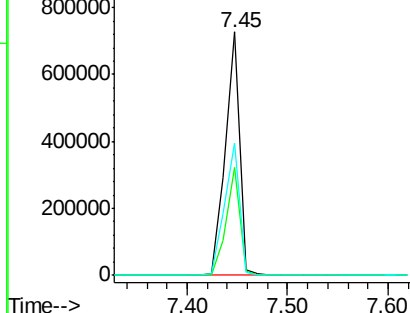
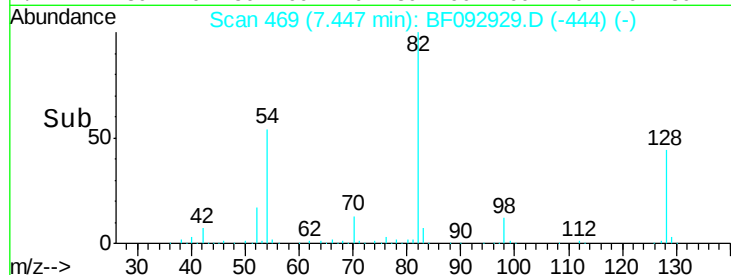
#23
 Nitrobenzene-d5
 Concen: 73.63 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092929.D
 Acq: 13 Feb 2017 20:18

Instrument :
 BNA_F
 ClientSampled :
 SB-2

Tgt Ion: 82 Resp: 723463
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.6 52.0
 54 54.4 39.5 59.3

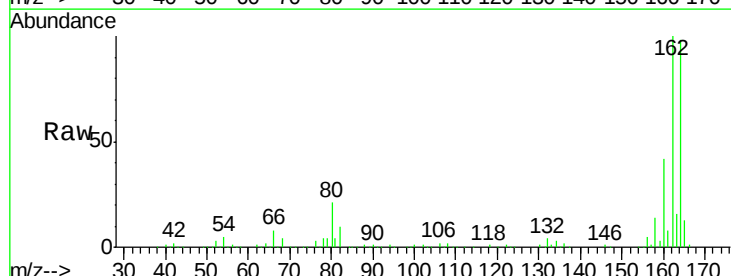


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

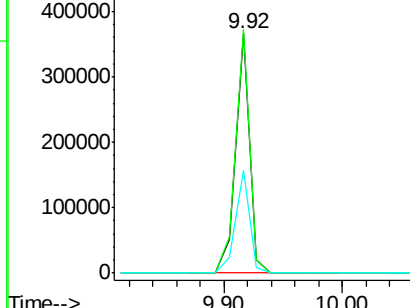
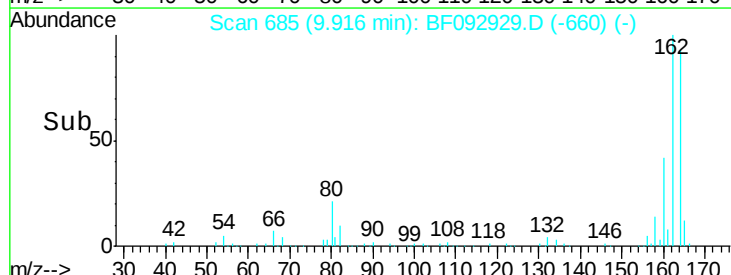


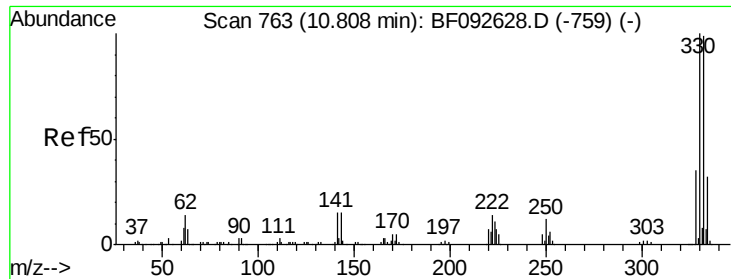
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092929.D
 Acq: 13 Feb 2017 20:18

Tgt Ion: 164 Resp: 303292
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.2 120.2
 160 43.0 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

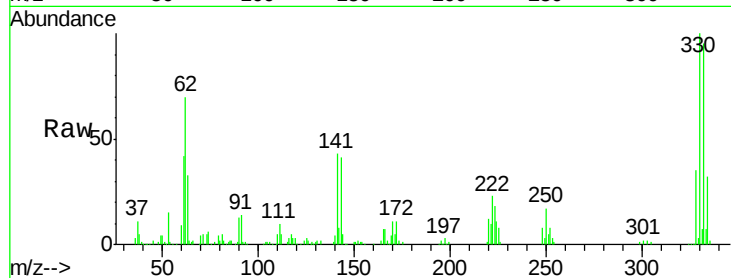




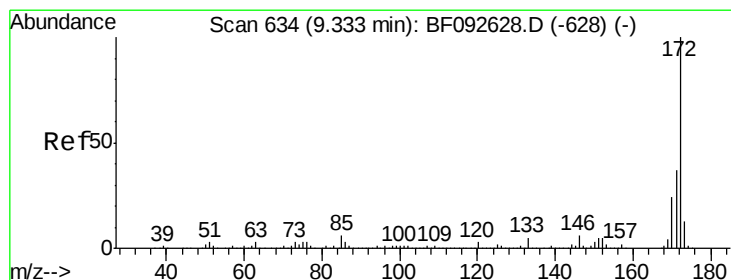
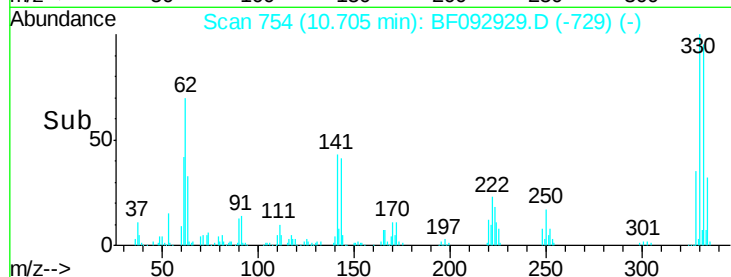
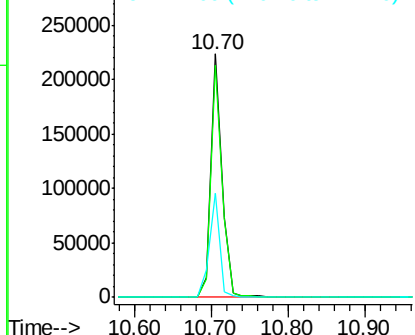
#41
 2,4,6-Tribromophenol
 Concen: 102.25 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092929.D
 Acq: 13 Feb 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:330 Resp: 224298
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 39.7 34.1 51.1

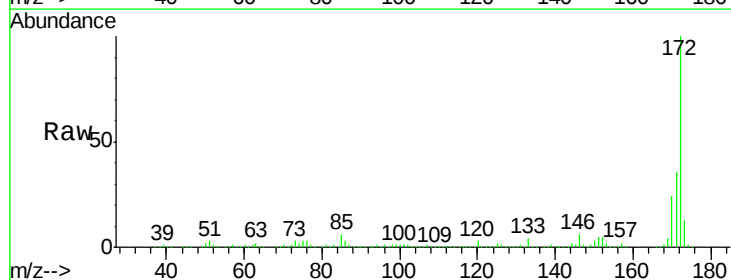


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

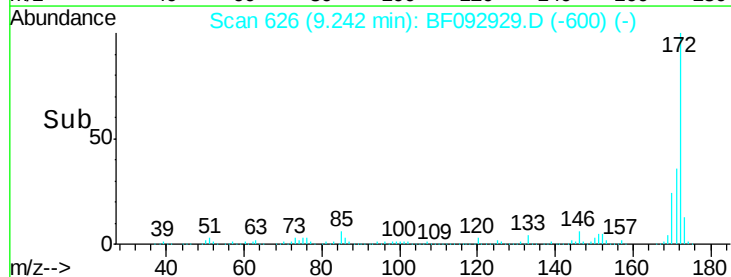
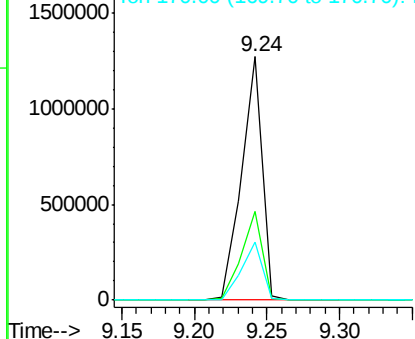


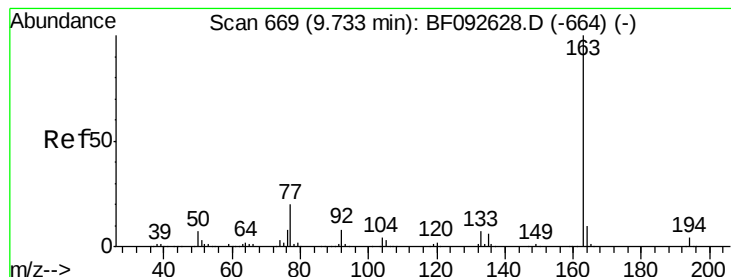
#44
 2-Fluorobiphenyl
 Concen: 75.48 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF092929.D
 Acq: 13 Feb 2017 20:18

Tgt Ion:172 Resp: 1263633
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 23.7 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: 8.24 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF092929.D

Acq: 13 Feb 2017 20:18

Instrument :

BNA_F

ClientSampled :

SB-2

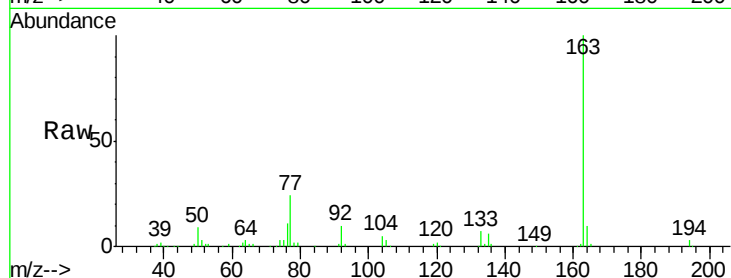
Tgt Ion:163 Resp: 168254

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

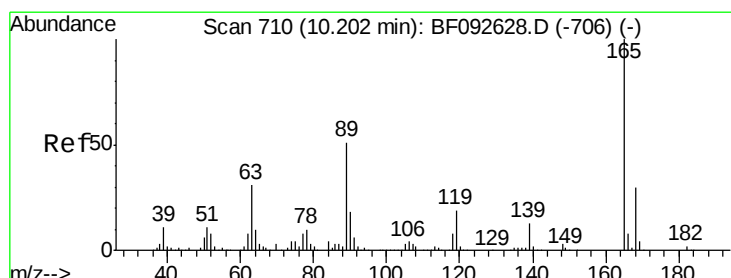
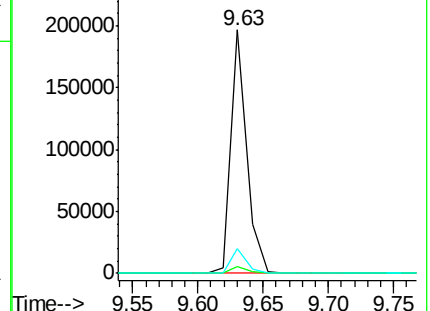
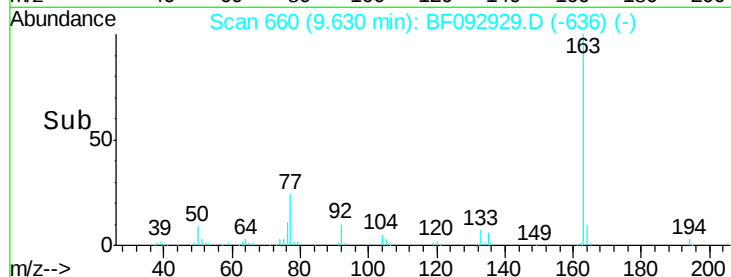
164 10.2 8.0 12.0



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: 6.64 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.21 min

Lab File: BF092929.D

Acq: 13 Feb 2017 20:18

Tgt Ion:165 Resp: 38989

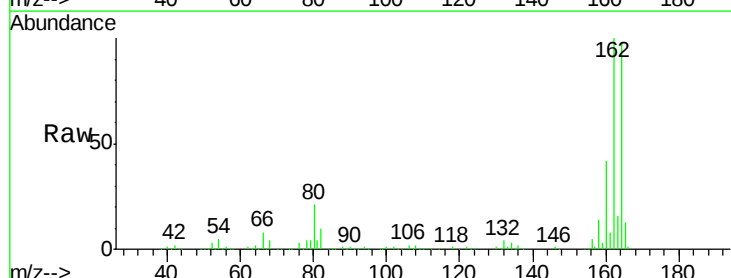
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 0.8 62.5 93.7#

182 0.0 1.8 2.8#

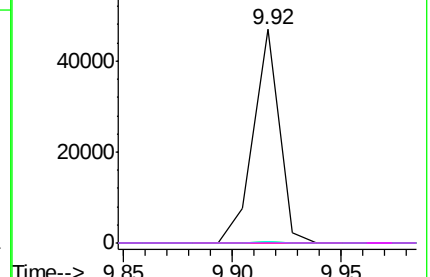
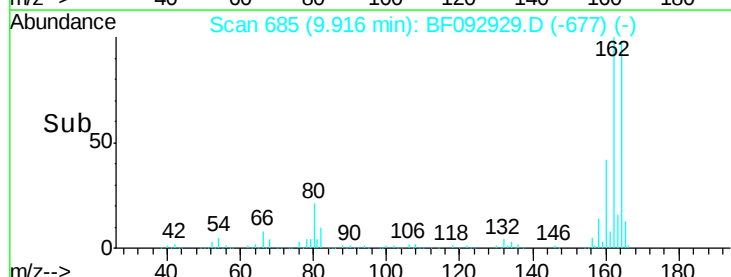


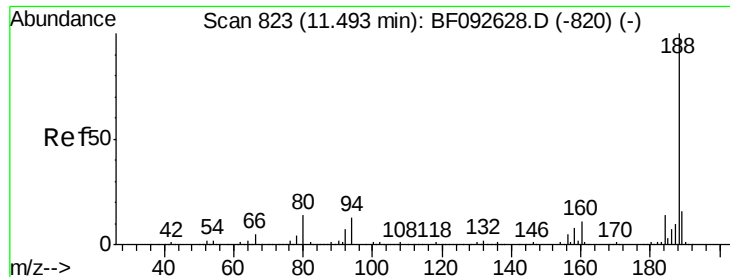
Abundance Ion 165.00 (164.70 to 165.70): E

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

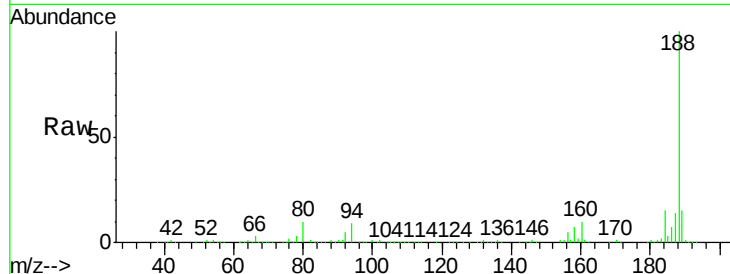




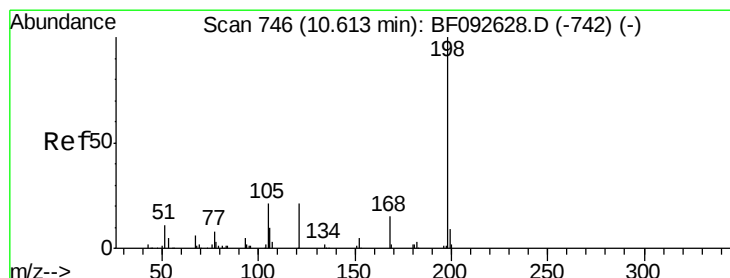
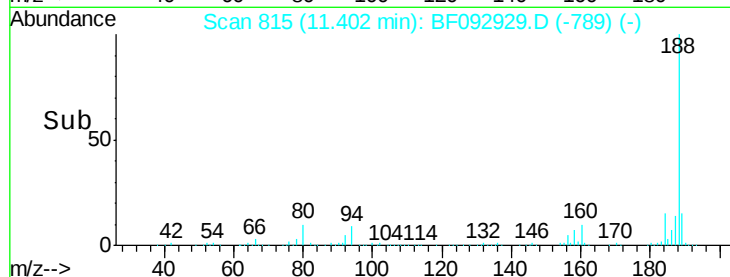
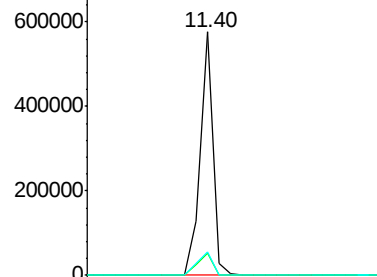
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:188 Resp: 508812
Ion Ratio Lower Upper
188 100
94 9.3 10.0 15.0#
80 9.9 11.2 16.8#

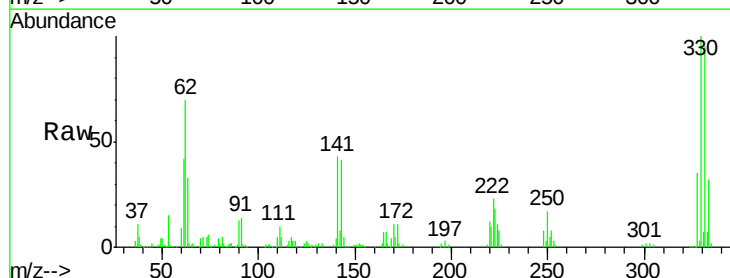


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

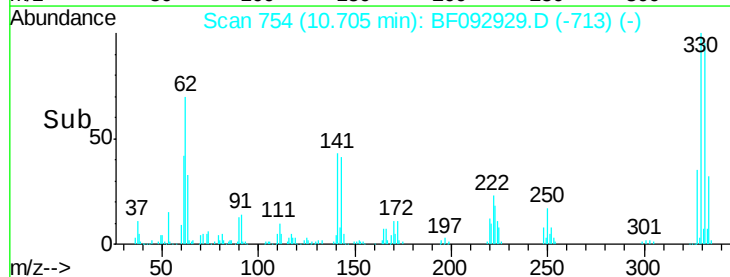
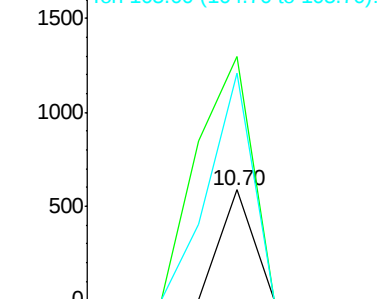


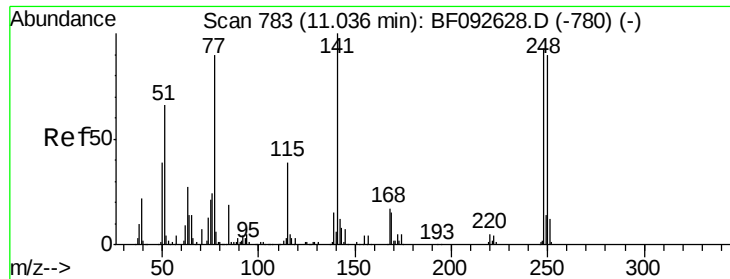
#64
4,6-Dinitro-2-methylphenol
Concen: 2.79 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.17 min
Lab File: BF092929.D
Acq: 13 Feb 2017 20:18

Tgt Ion:198 Resp: 403
Ion Ratio Lower Upper
198 100
51 221.0 6.7 46.7#
105 206.3 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: 3.05 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF092929.D

Acq: 13 Feb 2017 20:18

Instrument :

BNA_F

ClientSampleId :

SB-2

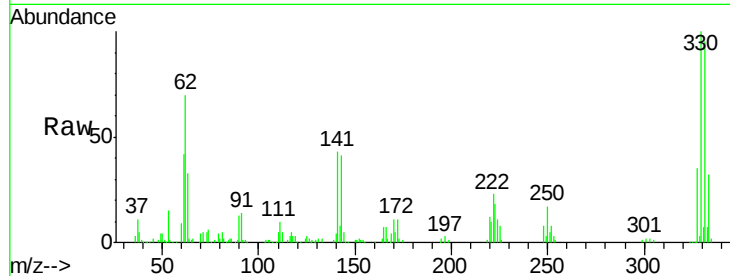
Tgt Ion:248 Resp: 16212

Ion Ratio Lower Upper

248 100

250 203.8 76.9 115.3#

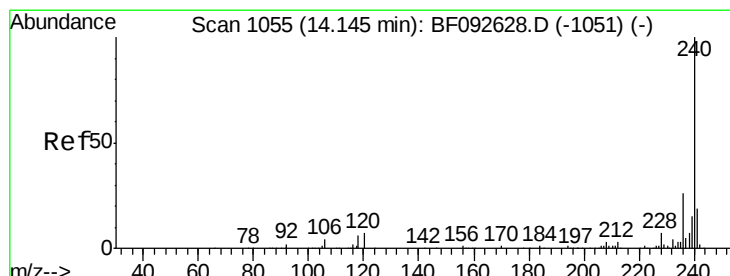
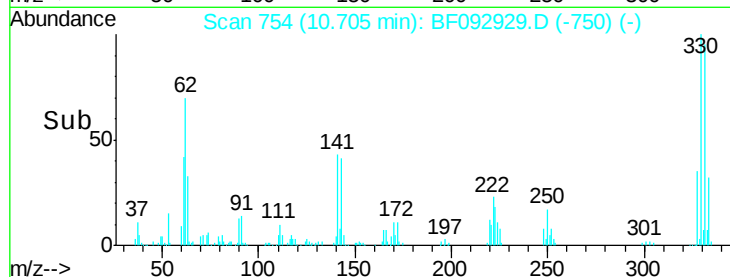
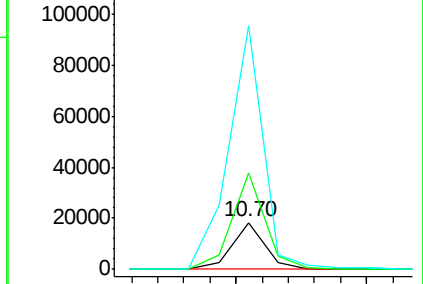
141 516.8 68.2 102.4#



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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092929.D

Acq: 13 Feb 2017 20:18

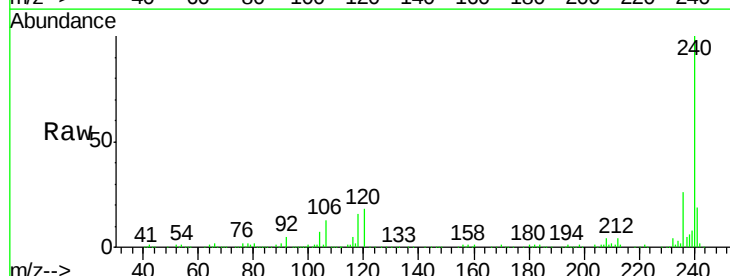
Tgt Ion:240 Resp: 440633

Ion Ratio Lower Upper

240 100

120 18.1 12.9 19.3

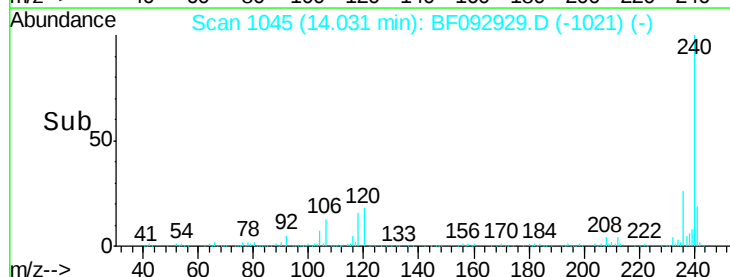
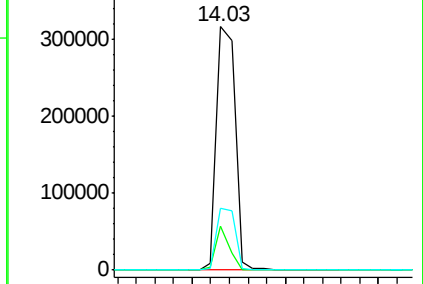
236 25.6 20.9 31.3

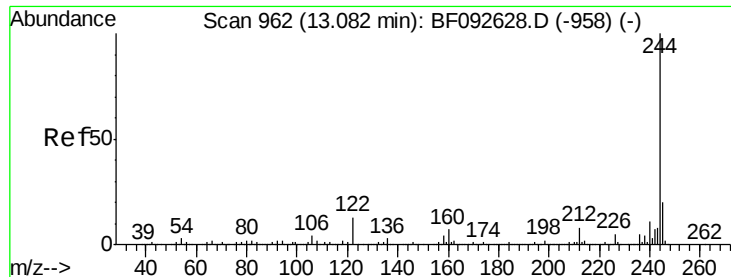


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

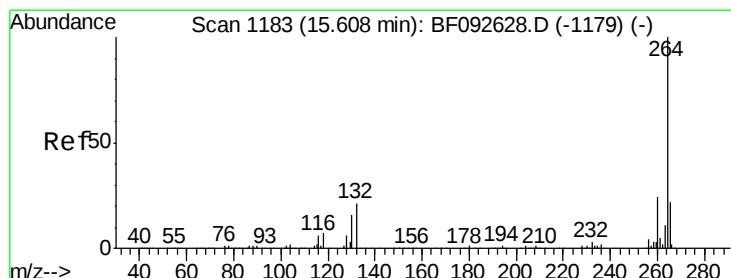
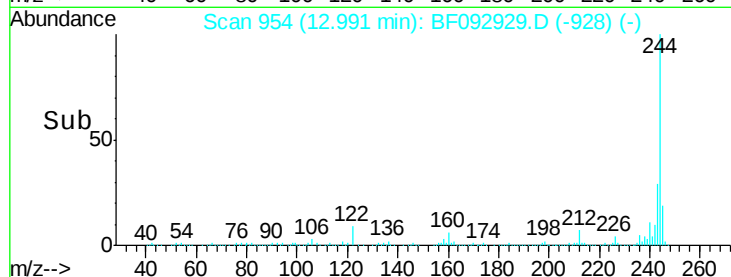
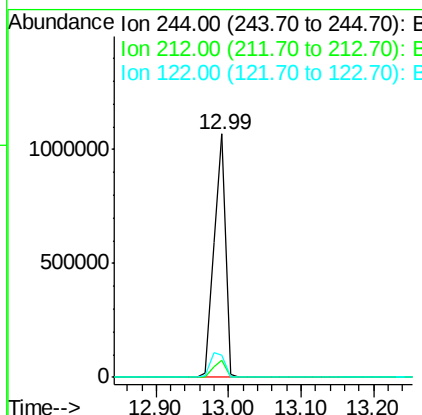
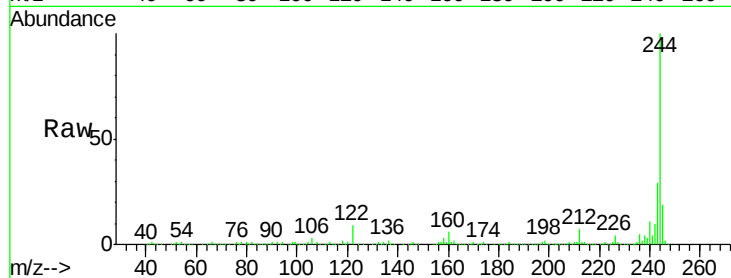




#78
 Terphenyl-d14
 Concen: 62.33 ng
 RT: 12.99 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF092929.D
 Acq: 13 Feb 2017 20:18

Instrument :
 BNA_F
 ClientSampled :
 SB-2

Tgt Ion:244 Resp: 1168814
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 9.1 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF092929.D
 Acq: 13 Feb 2017 20:18

Tgt Ion:264 Resp: 388125
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.1 17.4 26.0

