

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085061.D
 Acq On : 13 Feb 2016 1:27
 Operator : SJ/IZ
 Sample : H1396-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B002(2-4)

Quant Time: Feb 13 03:54:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

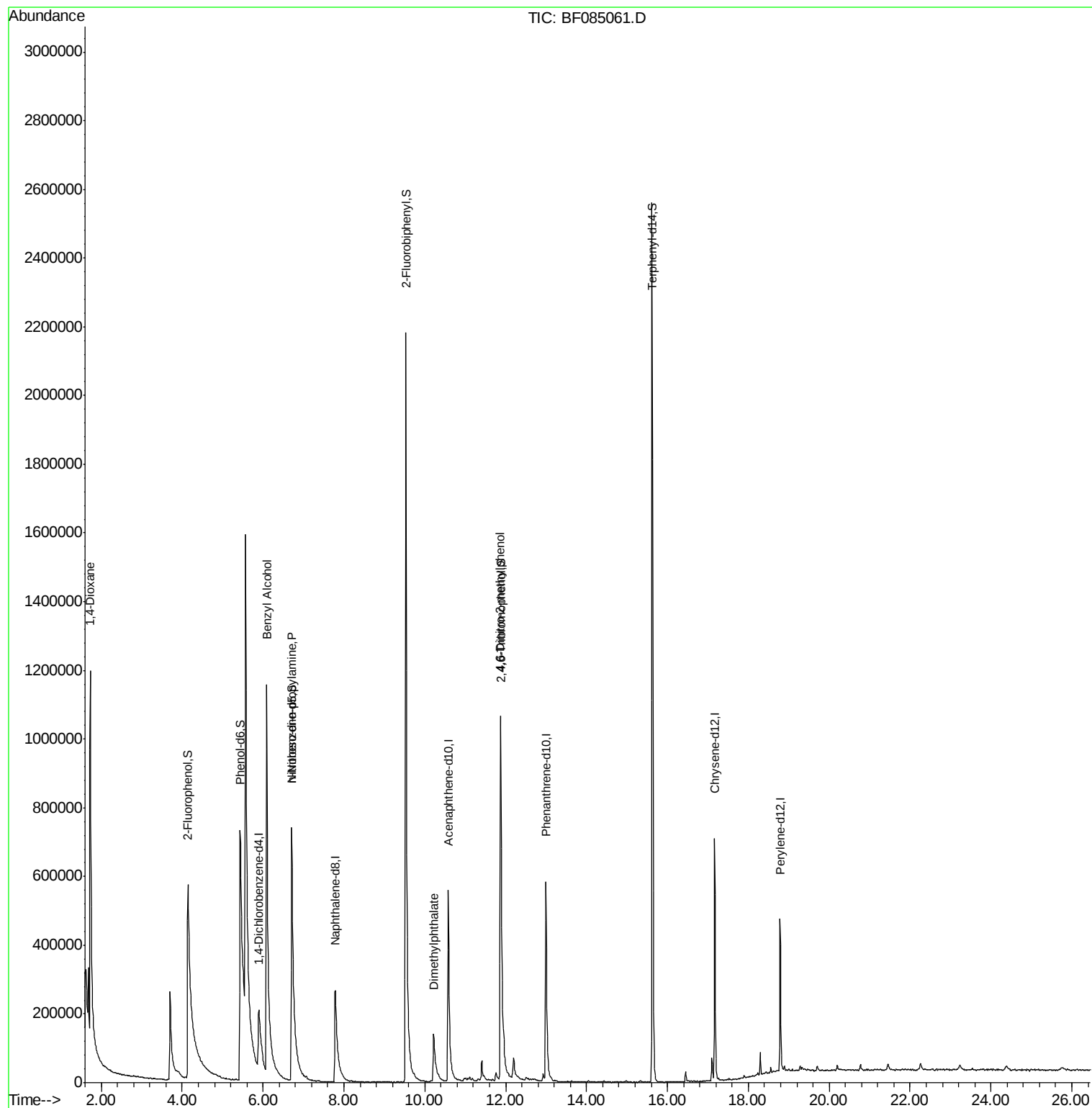
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	142750	20.00	ng	0.01
21) Naphthalene-d8	7.79	136	648029	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	314429	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	592870	20.00	ng	0.00
75) Chrysene-d12	17.17	240	441671	20.00	ng	-0.01
86) Perylene-d12	18.79	264	286434	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.15	112	1053959	129.10	ng	-0.01
7) Phenol-d6	5.43	99	1548953	142.36	ng	-0.01
23) Nitrobenzene-d5	6.71	82	1015151	92.51	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	402569	123.96	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1812670	82.41	ng	0.00
78) Terphenyl-d14	15.62	244	1518708	70.77	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.72	88	60089	17.87	ng	# 15
11) bis(2-Chloroethyl)ether	5.56	93	1349	Below Cal		# 1
15) Benzyl Alcohol	6.09	79	14192	2.13	ng	# 49
19) n-Nitroso-di-n-propylamine	6.71	70	93591	13.65	ng	# 75
49) Dimethylphthalate	10.22	163	264527	11.22	ng	100
64) 4,6-Dinitro-2-methylphenol	11.87	198	220	5.08	ng	# 1

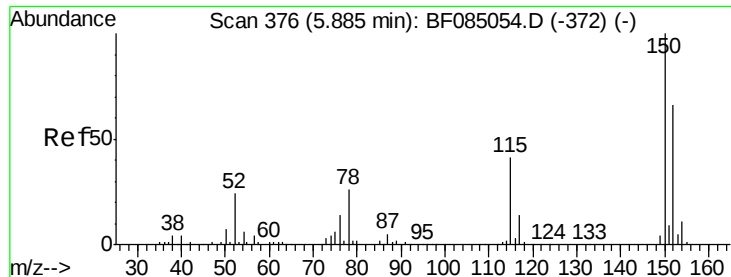
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B002(2-4)

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QLast Update : Sat Feb 13 00:11:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.90 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF085061.D

Acq: 13 Feb 2016 1:27

Instrument :

BNA_F

ClientSampleId :

S4-B002(2-4)

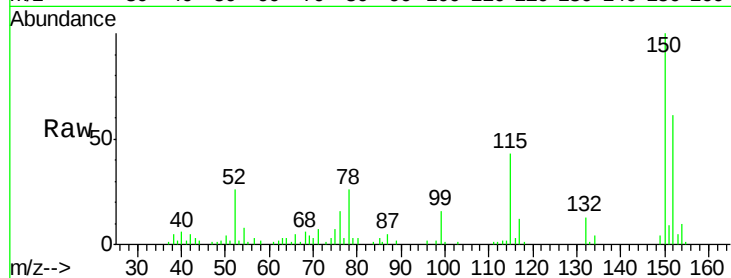
Tgt Ion:152 Resp: 142750

Ion Ratio Lower Upper

152 100

150 163.0 127.4 191.2

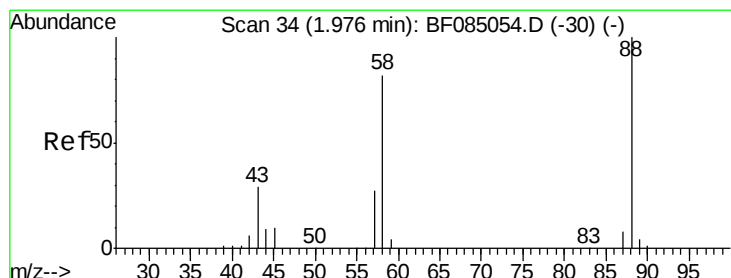
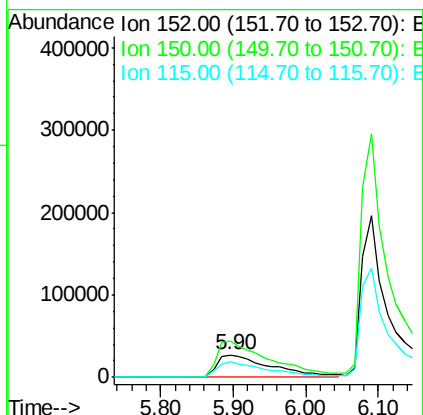
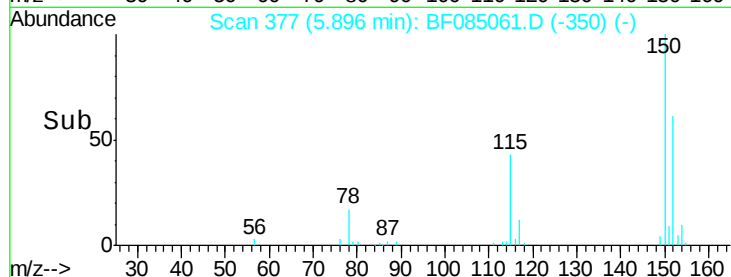
115 70.7 50.5 75.7



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



#2

1,4-Dioxane

Concen: 17.87 ng

RT: 1.72 min Scan# 12

Delta R.T. -0.25 min

Lab File: BF085061.D

Acq: 13 Feb 2016 1:27

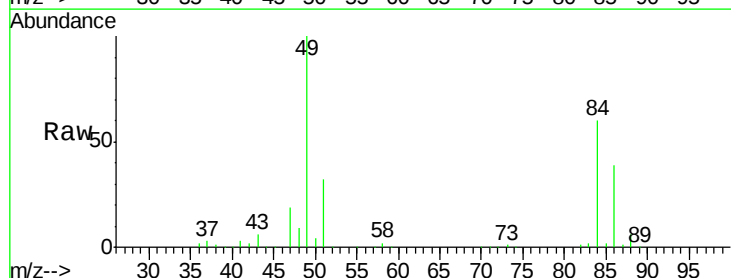
Tgt Ion: 88 Resp: 60089

Ion Ratio Lower Upper

88 100

58 0.0 70.9 106.3#

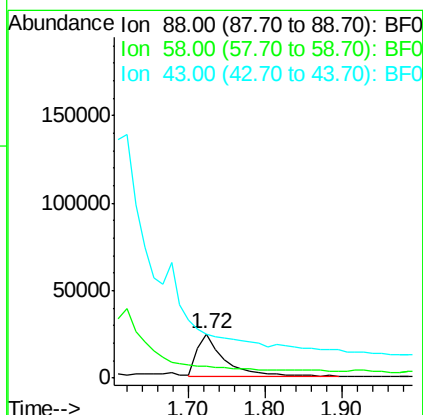
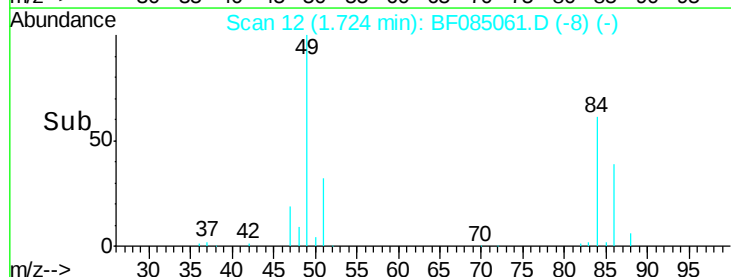
43 0.0 25.9 38.9#

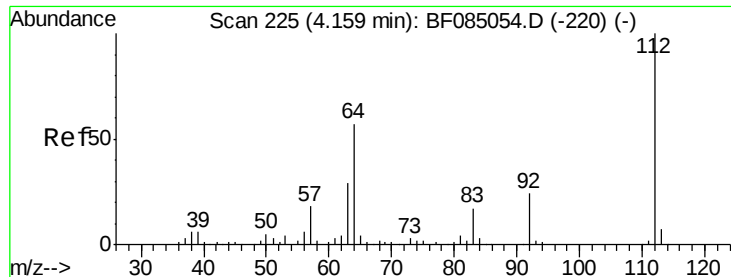


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 129.10 ng

RT: 4.15 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF085061.D

Acq: 13 Feb 2016 1:27

Instrument :

BNA_F

ClientSampleId :

S4-B002(2-4)

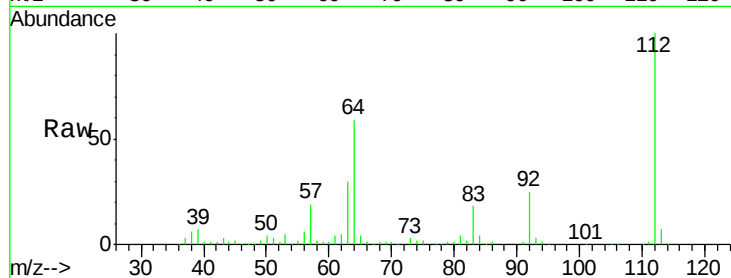
Tgt Ion: 112 Resp: 1053959

Ion Ratio Lower Upper

112 100

64 59.0 45.4 68.2

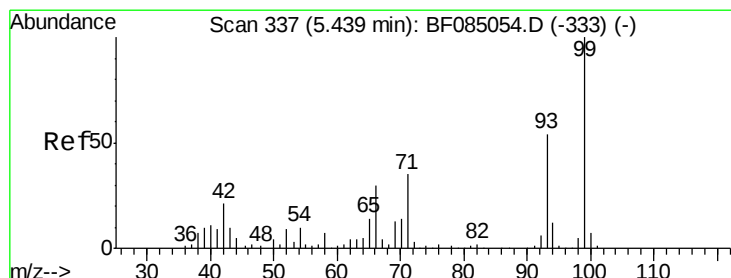
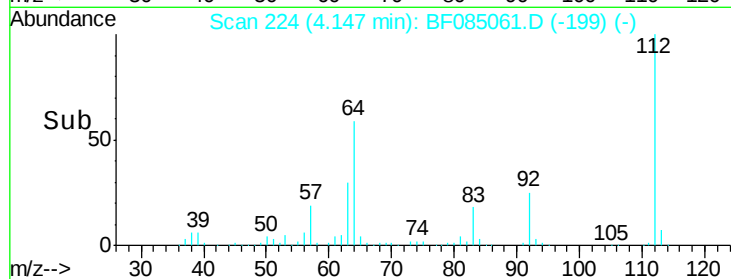
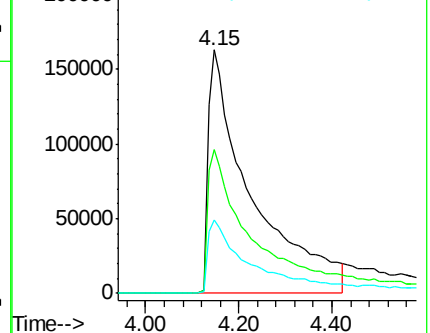
63 30.2 23.2 34.8



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: 142.36 ng

RT: 5.43 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF085061.D

Acq: 13 Feb 2016 1:27

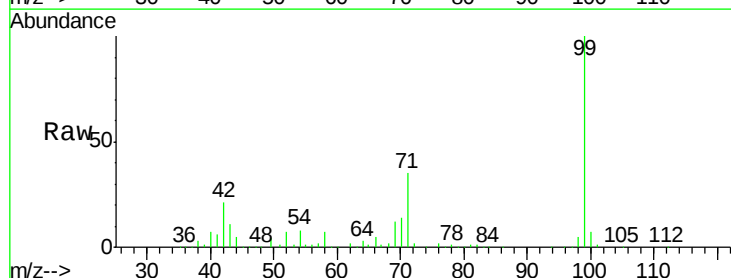
Tgt Ion: 99 Resp: 1548953

Ion Ratio Lower Upper

99 100

42 20.9 17.0 25.4

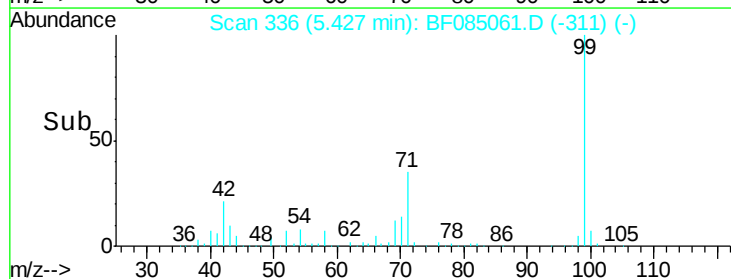
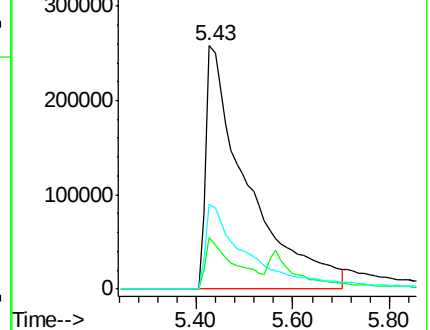
71 34.9 28.3 42.5

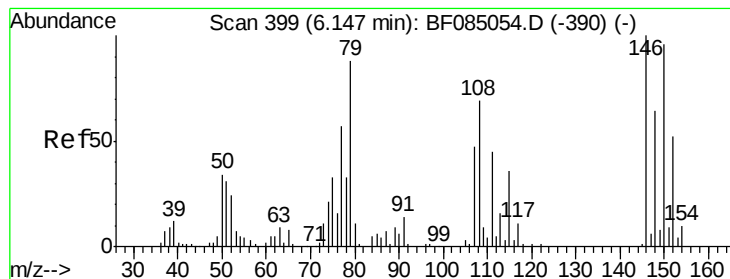


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.06 min

Lab File: BF085061.D

Acq: 13 Feb 2016 1:27

Instrument :

BNA_F

ClientSampleId :

S4-B002(2-4)

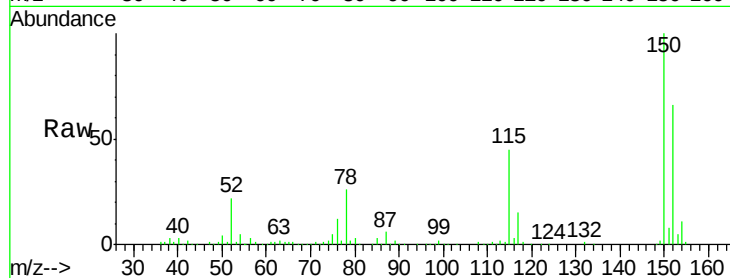
Tgt Ion: 79 Resp: 14192

Ion Ratio Lower Upper

79 100

108 28.4 63.4 95.0#

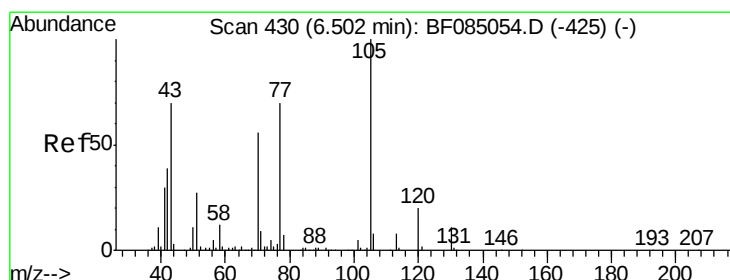
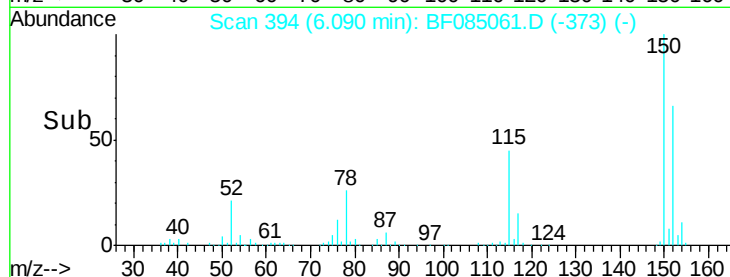
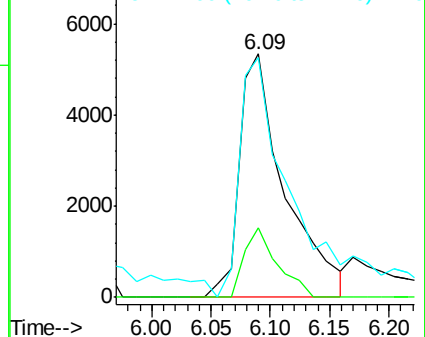
77 98.6 51.8 77.6#



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: 13.65 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.21 min

Lab File: BF085061.D

Acq: 13 Feb 2016 1:27

Tgt Ion: 70 Resp: 93591

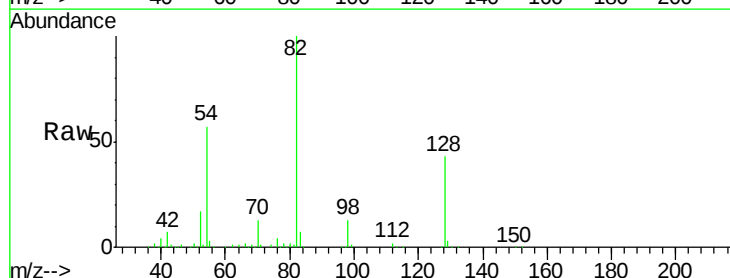
Ion Ratio Lower Upper

70 100

42 51.6 55.8 83.6#

101 0.0 7.7 11.5#

130 2.6 15.4 23.2#

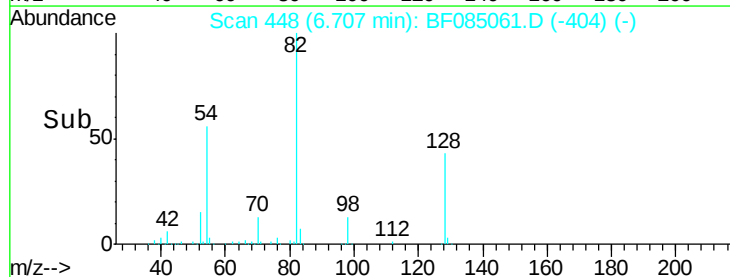
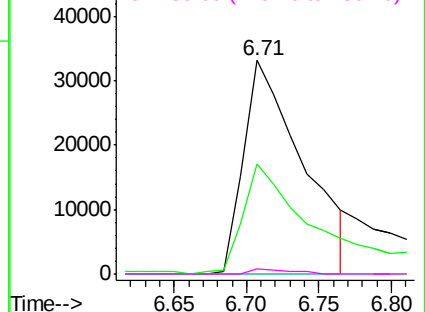


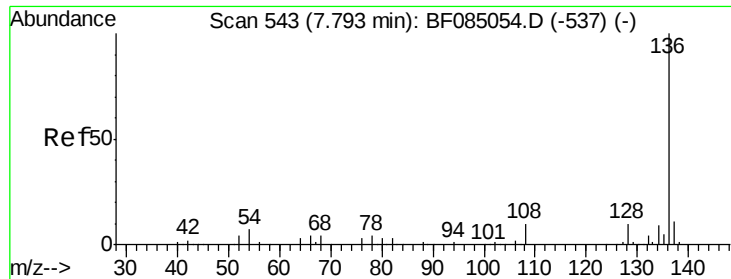
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

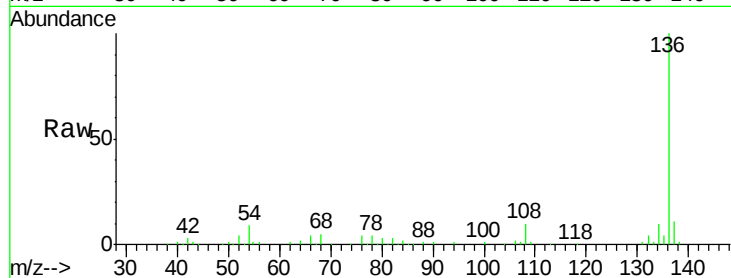




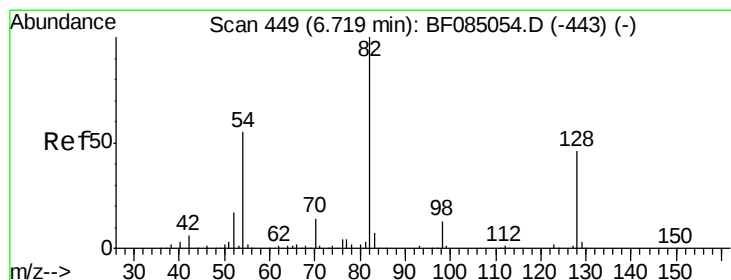
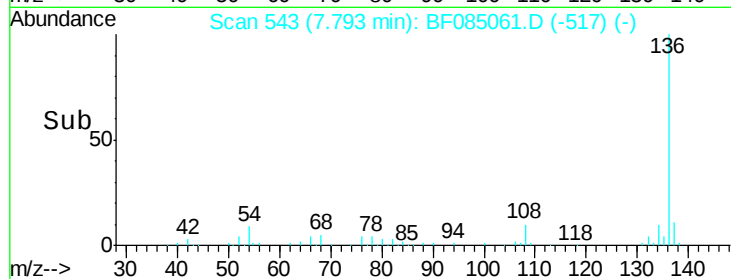
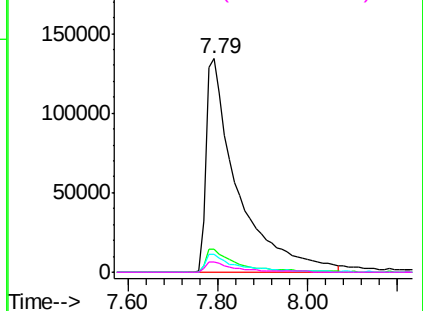
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF085061.D
Acq: 13 Feb 2016 1:27

Instrument :
BNA_F
ClientSampleId :
S4-B002(2-4)

Tgt Ion:	136	Resp:	648029
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.6	6.1	9.1
68	4.8	3.5	5.3

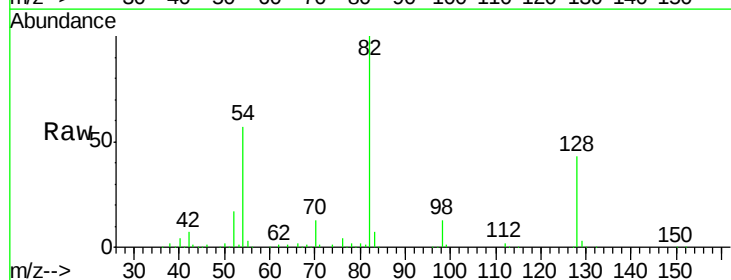


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

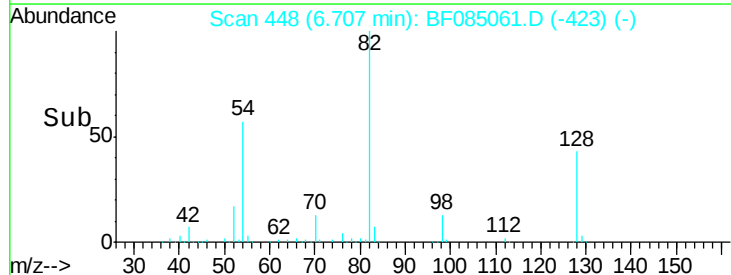
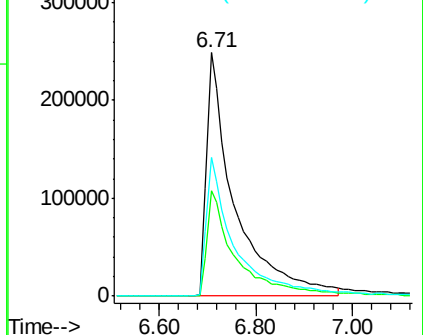


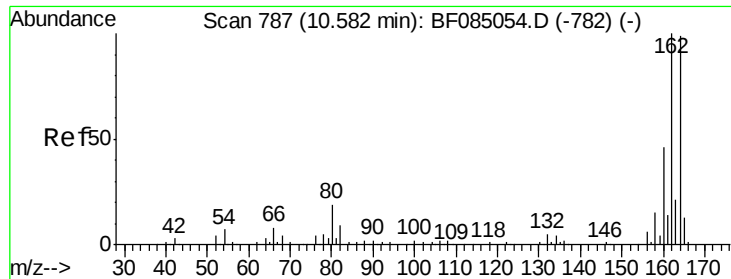
#23
Nitrobenzene-d5
Concen: 92.51 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085061.D
Acq: 13 Feb 2016 1:27

Tgt Ion:	82	Resp:	1015151
Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.8	55.2
54	56.9	44.4	66.6



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

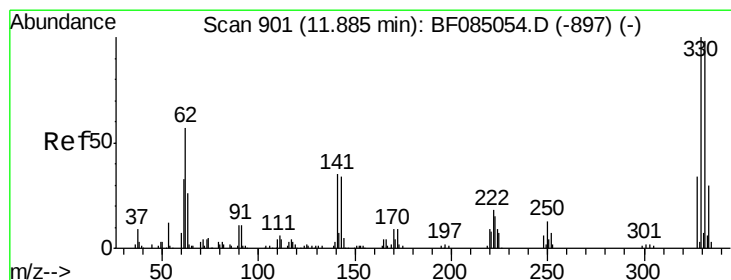
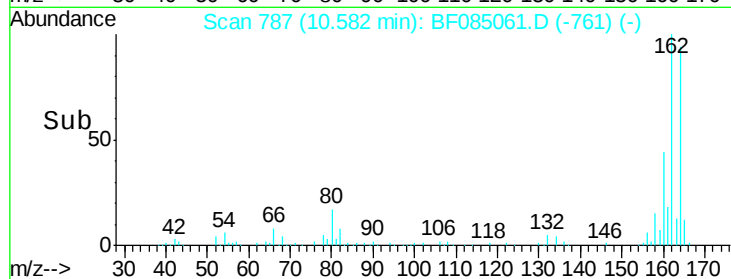
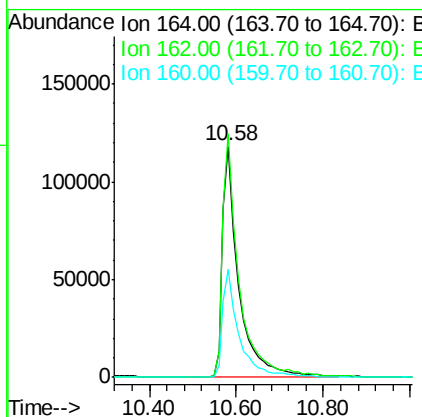
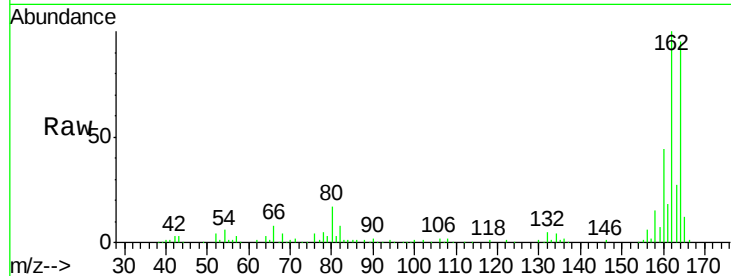




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.58 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF085061.D
Acq: 13 Feb 2016 1:27

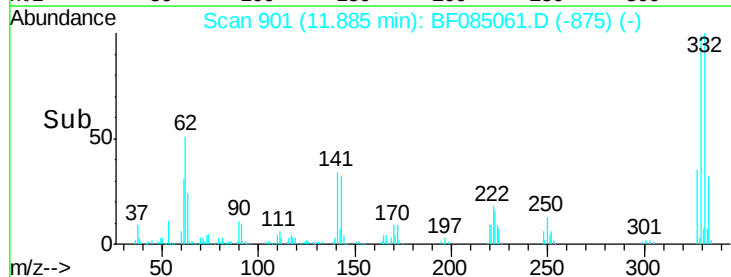
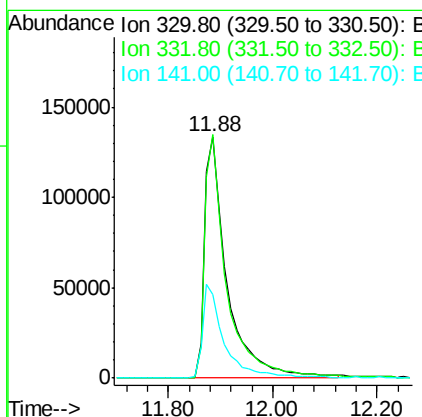
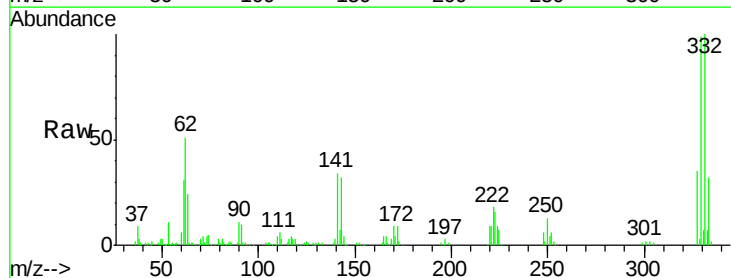
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BNA_F
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S4-B002(2-4)

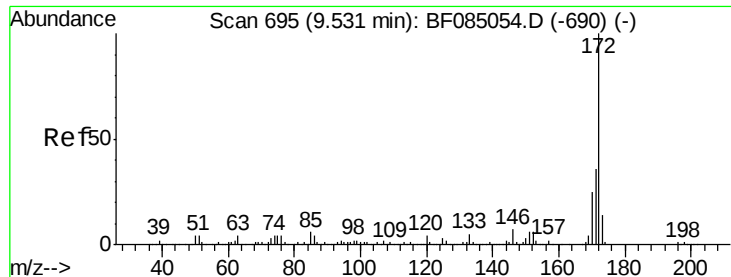
Tgt Ion:164 Resp: 314429
Ion Ratio Lower Upper
164 100
162 105.2 81.1 121.7
160 46.7 37.4 56.0



#41
2,4,6-Tribromophenol
Concen: 123.96 ng
RT: 11.88 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF085061.D
Acq: 13 Feb 2016 1:27

Tgt Ion:330 Resp: 402569
Ion Ratio Lower Upper
330 100
332 97.4 78.5 117.7
141 37.3 28.6 42.8

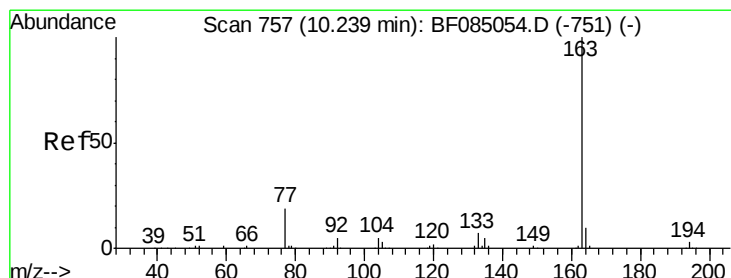
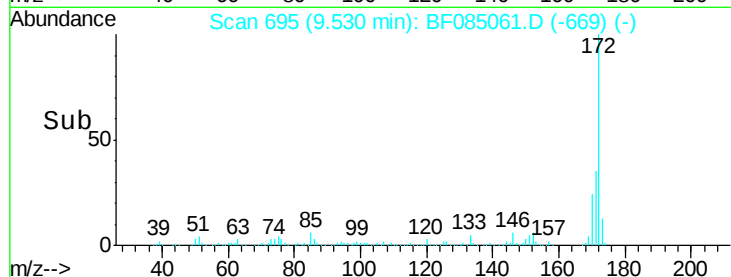
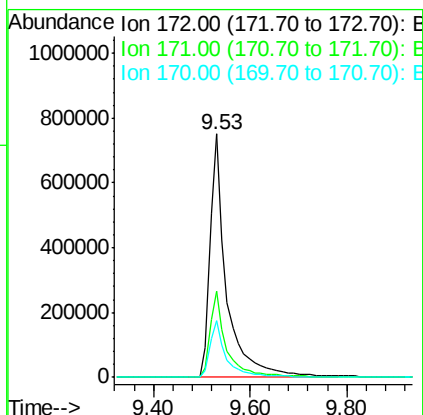
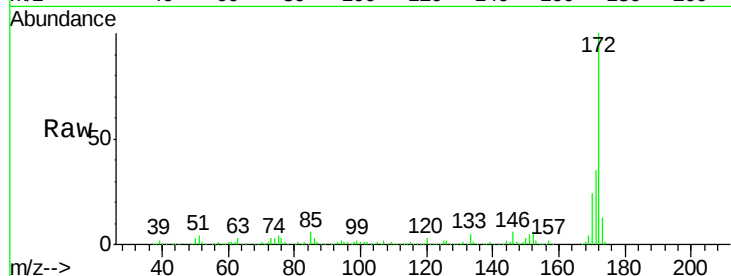




#44
2-Fluorobiphenyl
Concen: 82.41 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF085061.D
Acq: 13 Feb 2016 1:27

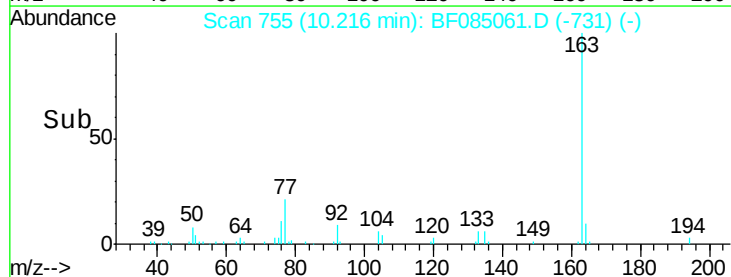
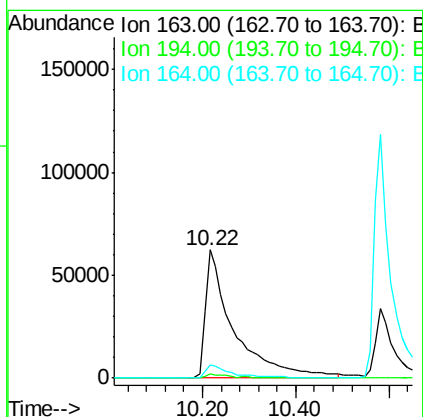
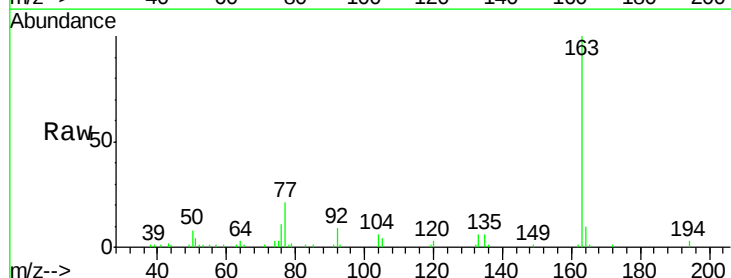
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S4-B002(2-4)

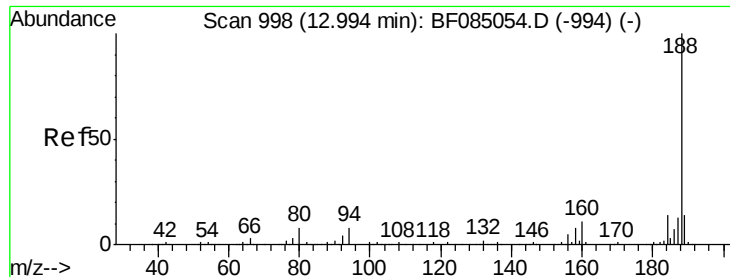
Tgt Ion:172 Resp: 1812670
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 11.22 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF085061.D
Acq: 13 Feb 2016 1:27

Tgt Ion:163 Resp: 264527
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 9.9 7.8 11.8

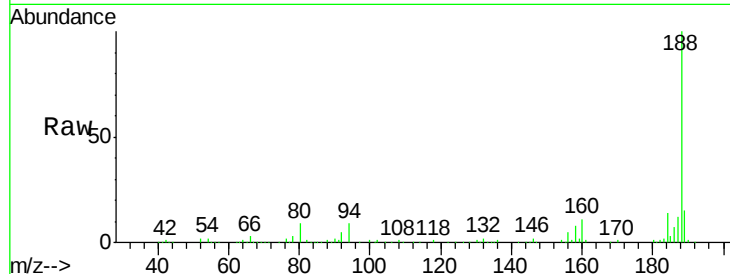




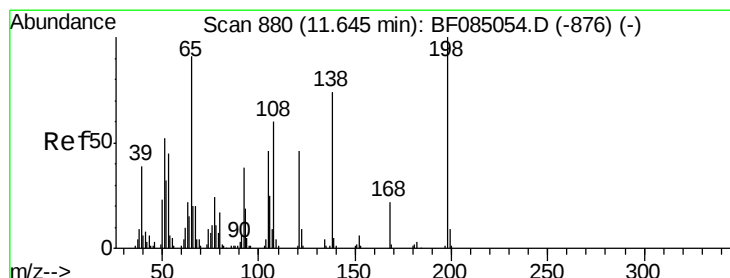
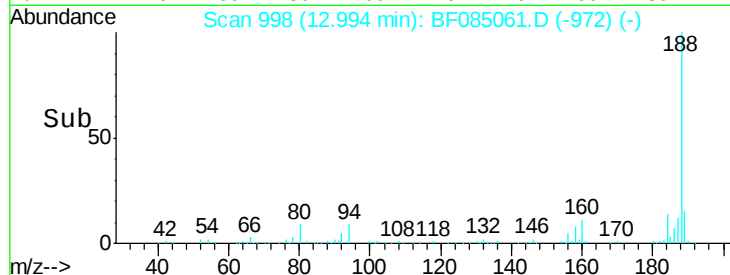
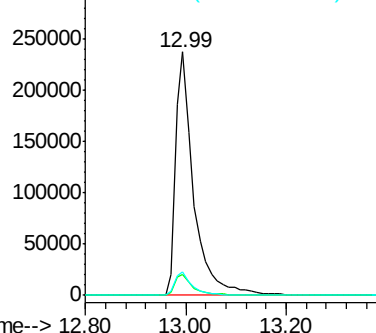
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.99 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF085061.D
 Acq: 13 Feb 2016 1:27

Instrument :
 BNA_F
 ClientSampleId :
 S4-B002(2-4)

Tgt Ion:188 Resp: 592870
 Ion Ratio Lower Upper
 188 100
 94 8.5 6.2 9.2
 80 9.5 6.6 9.8

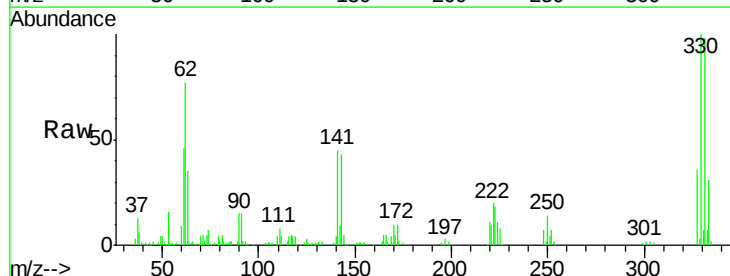


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

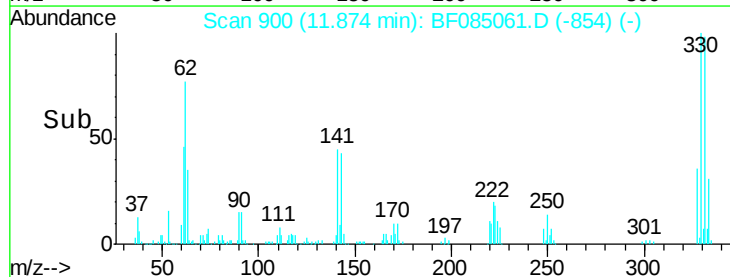
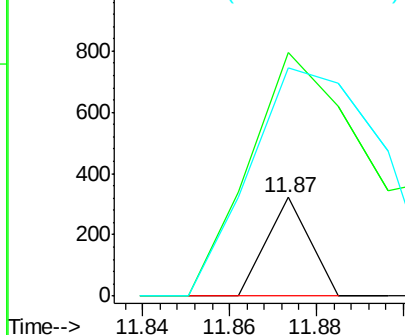


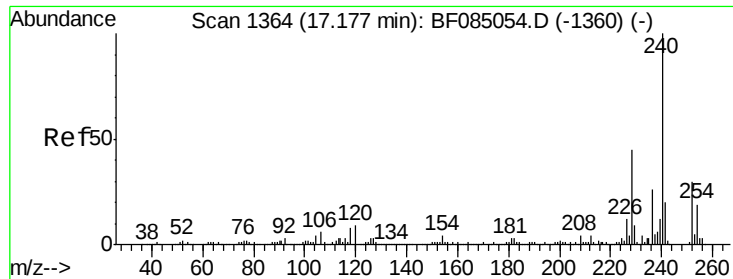
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.08 ng
 RT: 11.87 min Scan# 900
 Delta R.T. 0.23 min
 Lab File: BF085061.D
 Acq: 13 Feb 2016 1:27

Tgt Ion:198 Resp: 220
 Ion Ratio Lower Upper
 198 100
 51 247.7 34.5 74.5#
 105 231.8 26.2 66.2#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF085061.D

Acq: 13 Feb 2016 1:27

Instrument :

BNA_F

ClientSampleId :

S4-B002(2-4)

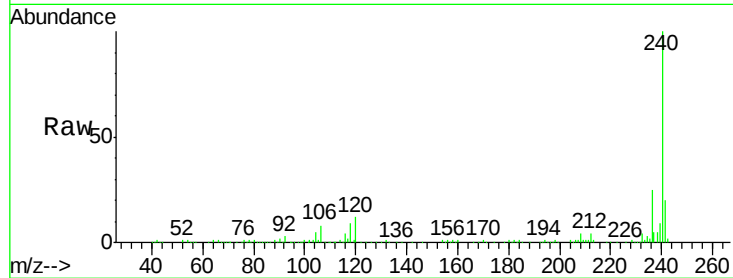
Tgt Ion:240 Resp: 441671

Ion Ratio Lower Upper

240 100

120 11.7 7.0 10.6#

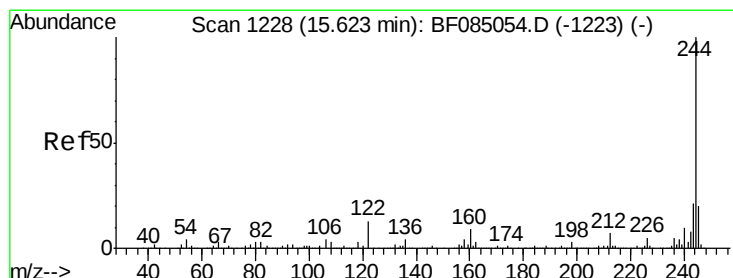
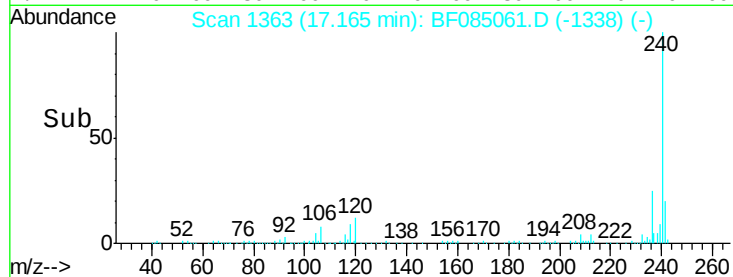
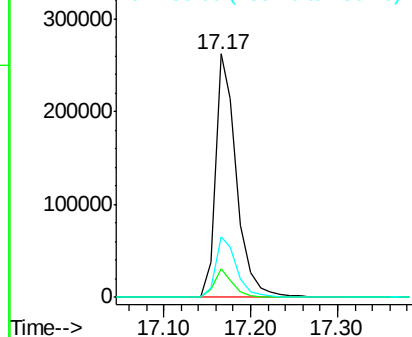
236 25.0 20.5 30.7



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: 70.77 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085061.D

Acq: 13 Feb 2016 1:27

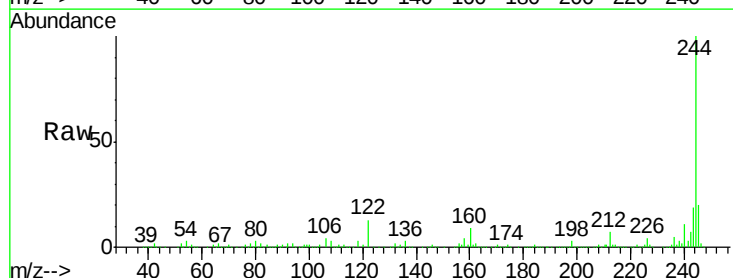
Tgt Ion:244 Resp: 1518708

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

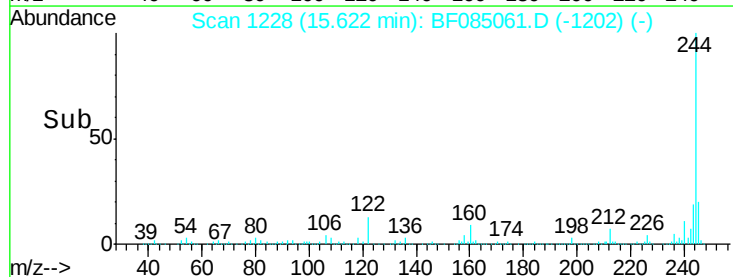
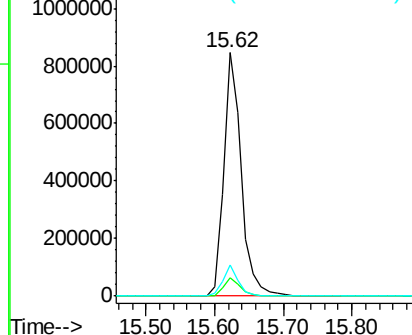
122 12.6 10.1 15.1

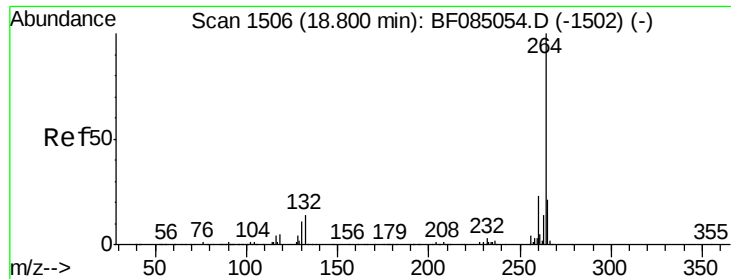


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.79 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF085061.D
Acq: 13 Feb 2016 1:27

Instrument :
BNA_F
ClientSampleId :
S4-B002(2-4)

Tgt Ion: 264 Resp: 286434
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.3 16.7 25.1

