

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084338.D
 Acq On : 8 Jan 2016 20:01
 Operator : SJ/UM
 Sample : H1028-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jan 08 22:20:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

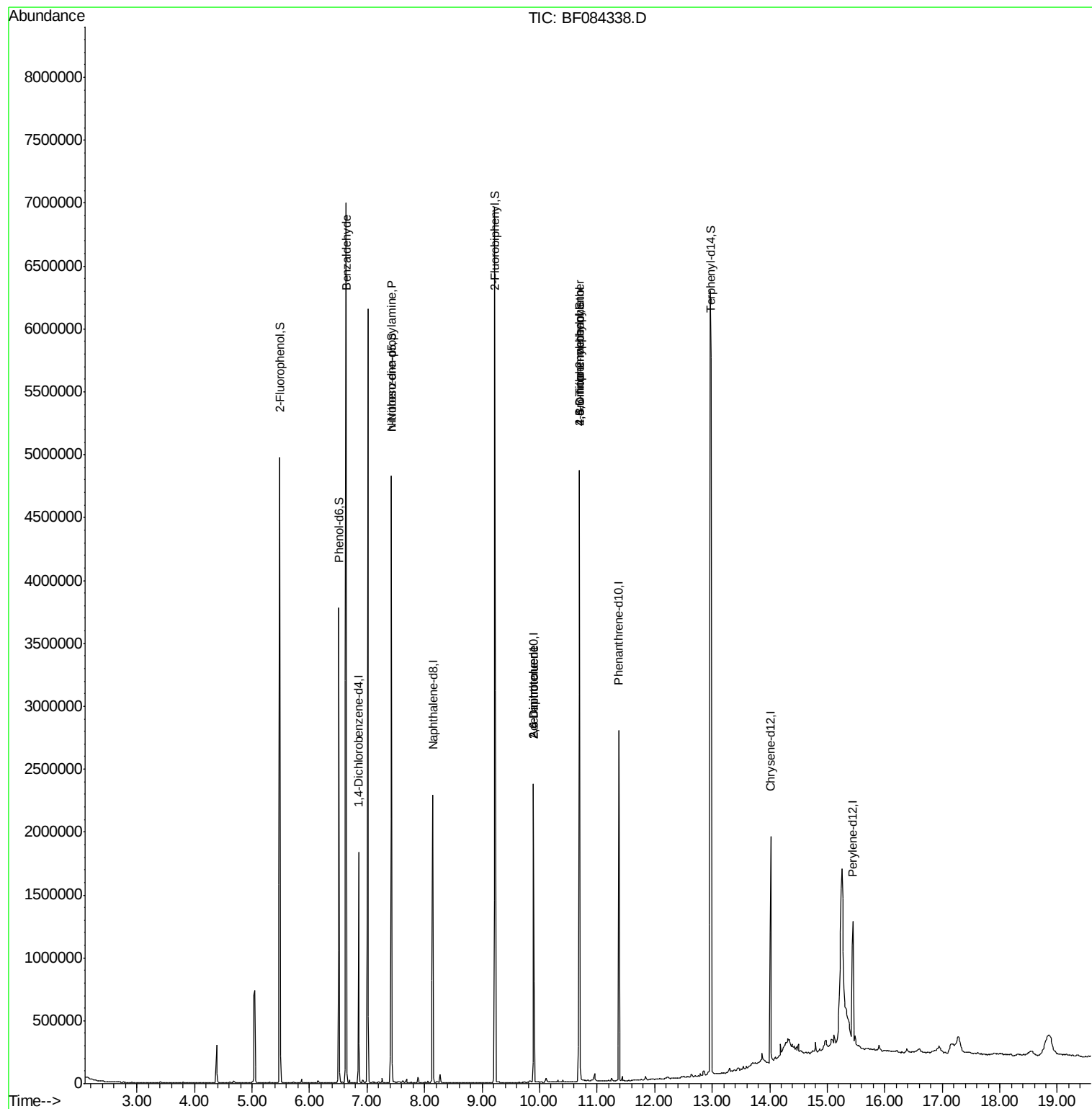
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	242944	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1059304	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	473336	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	906739	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	759785	20.00	ng	-0.05
86) Perylene-d12	15.45	264	515070	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1244892	82.88	ng	-0.01
7) Phenol-d6	6.51	99	1136915	60.27	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1636309	85.97	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	694181	145.26	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2589661	97.15	ng	-0.04
78) Terphenyl-d14	12.98	244	2953511	86.77	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.64	77	49456	4.03	ng	# 79
19) n-Nitroso-di-n-propylamine	7.42	70	240075	18.80	ng	# 71
50) 2,6-Dinitrotoluene	9.89	165	60986	8.22	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	60974	6.49	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.69	198	1590	6.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	47408	4.86	ng	# 1
73) Di-n-butylphthalate	11.95	149	3878	Below Cal		# 78

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

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Quant Time: Jan 08 22:20:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084338.D

Acq: 8 Jan 2016 20:01

Instrument :

BNA_F

ClientSampleId :

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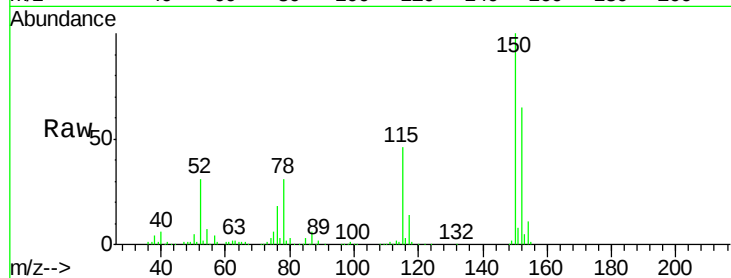
Tgt Ion:152 Resp: 242944

Ion Ratio Lower Upper

152 100

150 154.1 123.0 184.4

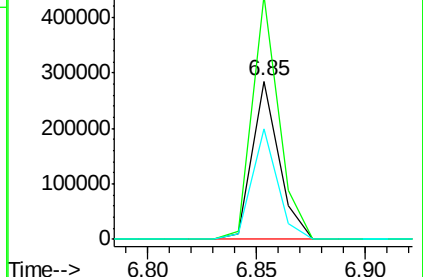
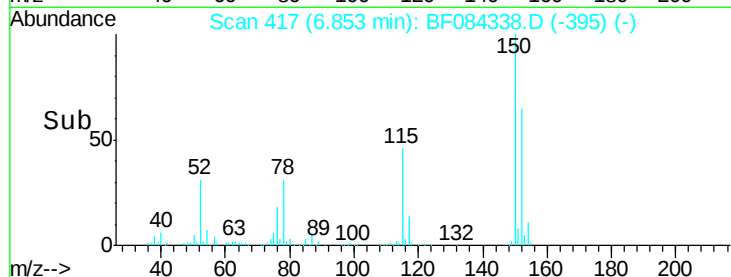
115 70.3 51.4 77.2



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: 82.88 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084338.D

Acq: 8 Jan 2016 20:01

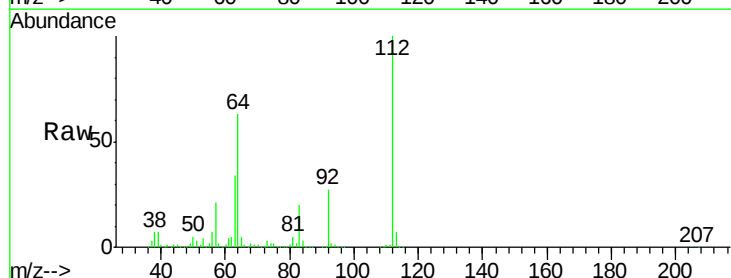
Tgt Ion:112 Resp: 1244892

Ion Ratio Lower Upper

112 100

64 63.1 36.6 55.0#

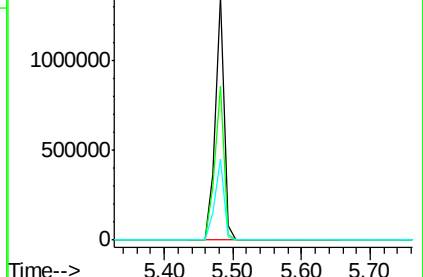
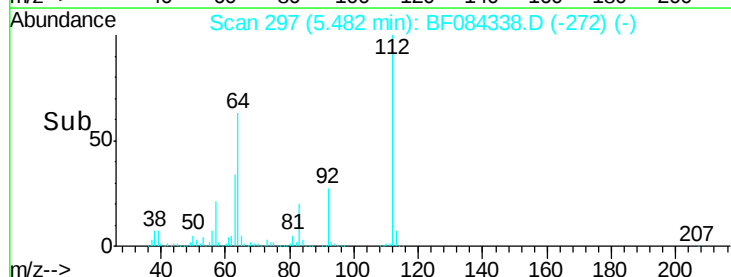
63 33.5 19.4 29.0#



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: 60.27 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084338.D

Acq: 8 Jan 2016 20:01

Instrument :

BNA_F

ClientSampleId :

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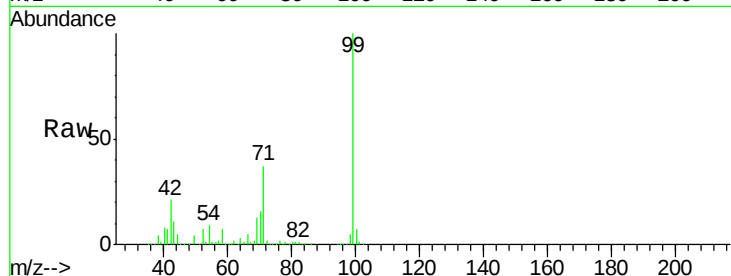
Tgt Ion: 99 Resp: 1136915

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

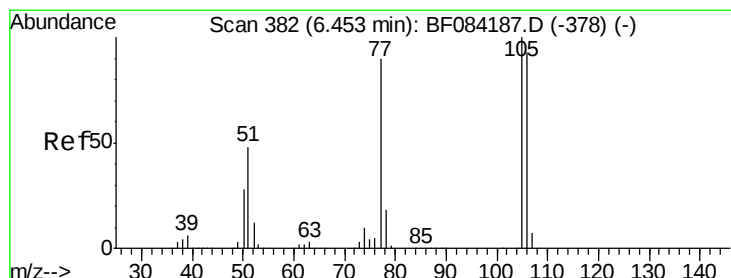
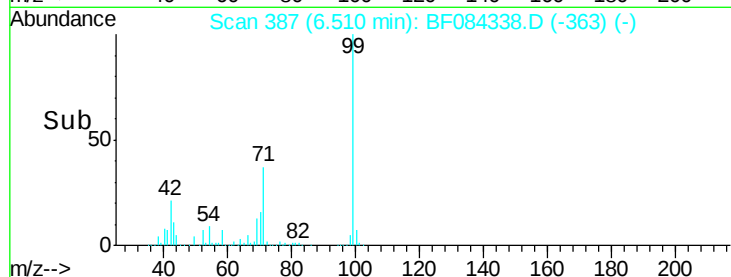
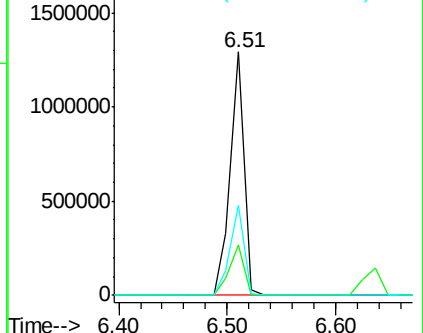
71 36.9 30.9 46.3



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



#9

Benzaldehyde

Concen: 4.03 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.18 min

Lab File: BF084338.D

Acq: 8 Jan 2016 20:01

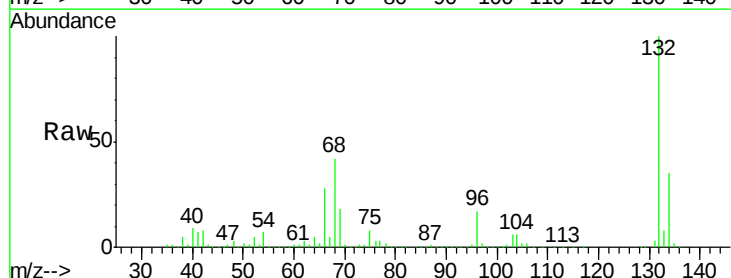
Tgt Ion: 77 Resp: 49456

Ion Ratio Lower Upper

77 100

105 83.1 83.0 123.0

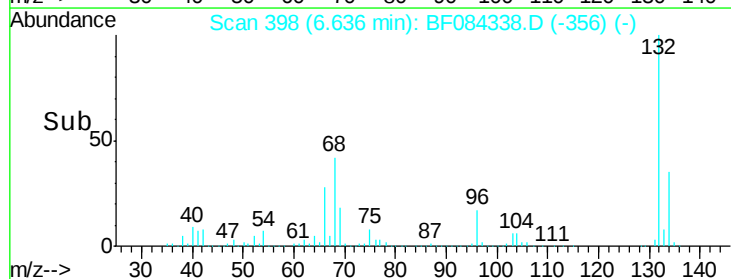
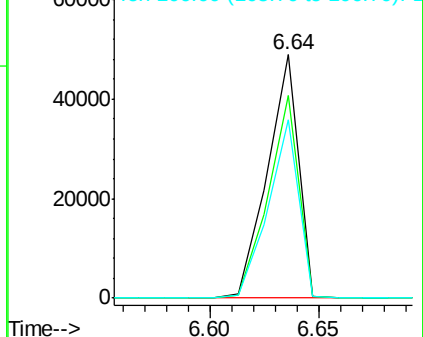
106 73.4 74.6 114.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

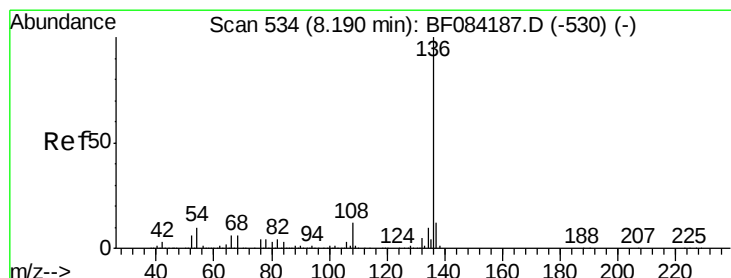
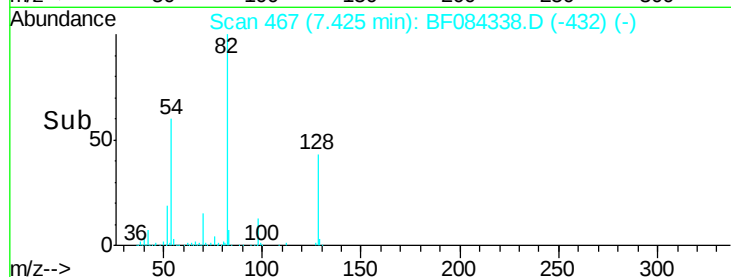
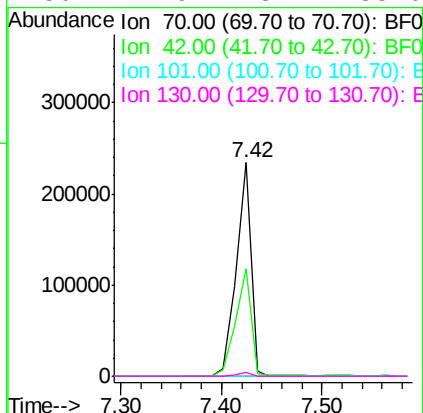
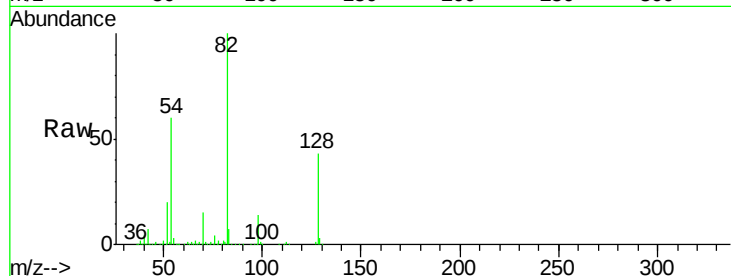




#19
n-Nitroso-di-n-propylamine
Concen: 18.80 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084338.D
Acq: 8 Jan 2016 20:01

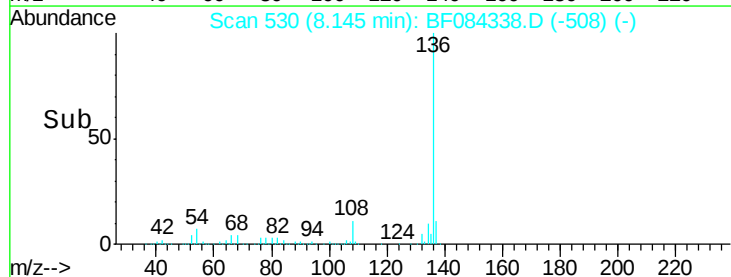
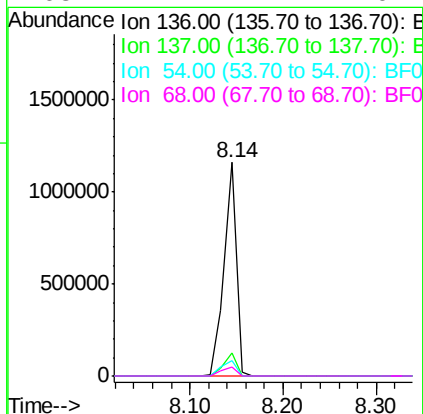
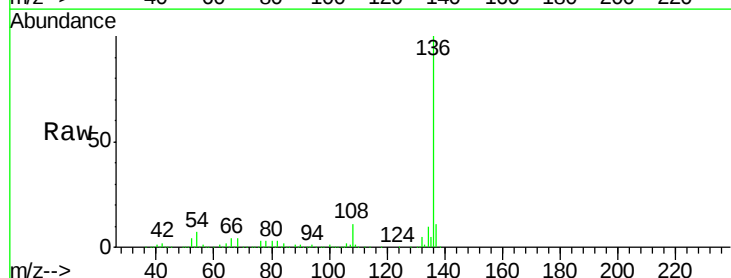
Instrument :
BNA_F
ClientSampleId :
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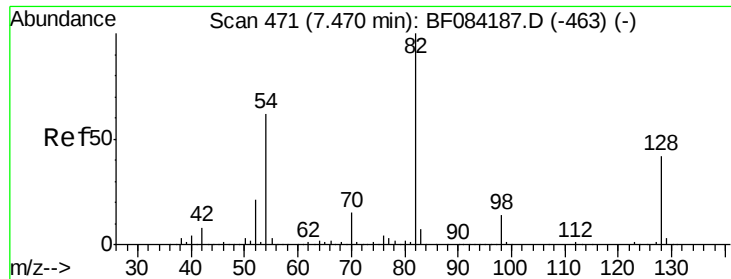
Tgt Ion: 70 Resp: 240075
Ion Ratio Lower Upper
70 100
42 50.1 33.3 49.9#
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084338.D
Acq: 8 Jan 2016 20:01

Tgt Ion: 136 Resp: 1059304
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.5 5.8 8.8
68 4.4 4.2 6.2

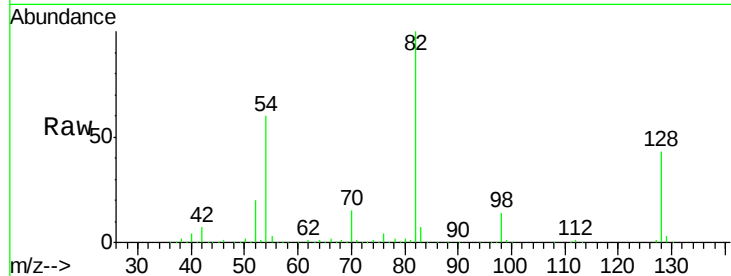




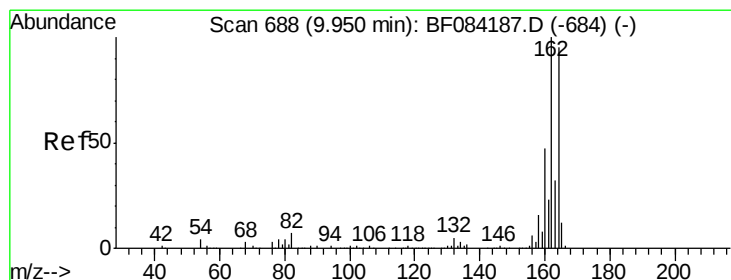
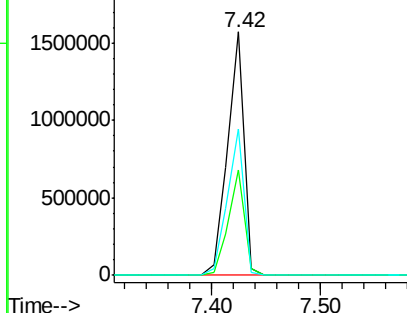
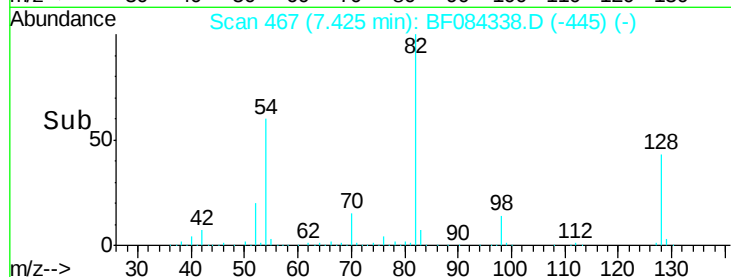
#23
 Nitrobenzene-d5
 Concen: 85.97 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084338.D
 Acq: 8 Jan 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 1636309
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.6 51.8
 54 59.9 38.4 57.6#

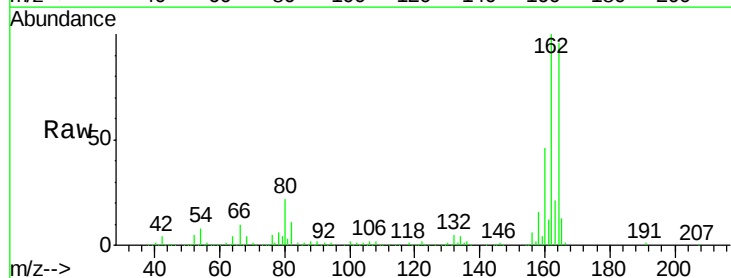


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

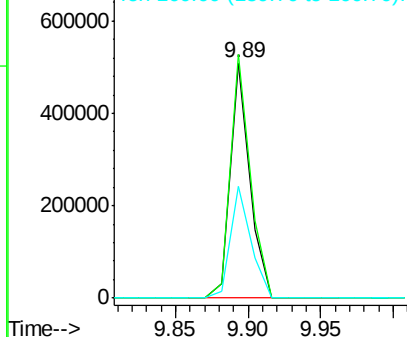
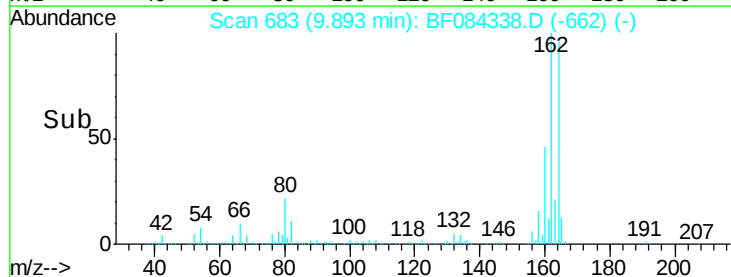


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084338.D
 Acq: 8 Jan 2016 20:01

Tgt Ion: 164 Resp: 473336
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.1 127.7
 160 47.5 37.5 56.3



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

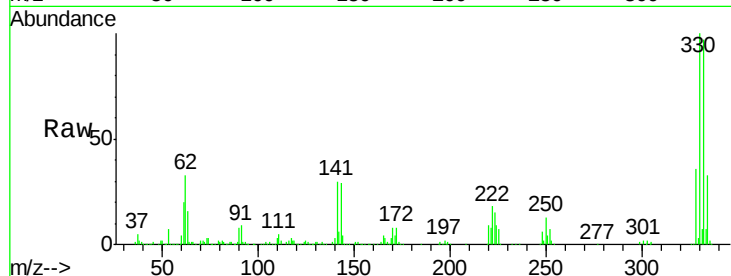




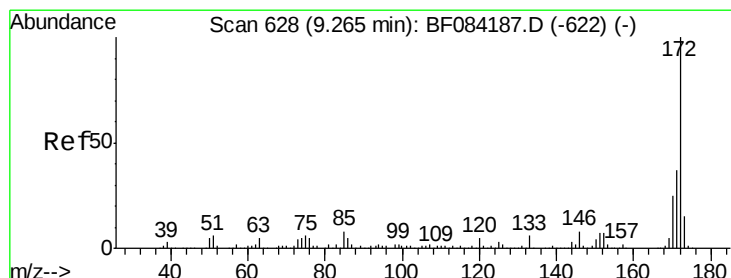
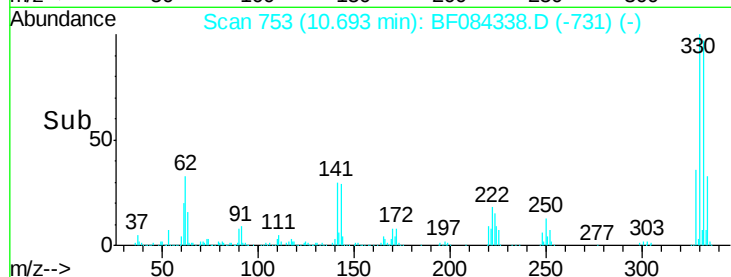
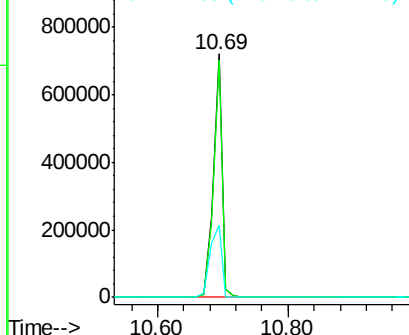
#41
 2,4,6-Tribromophenol
 Concen: 145.26 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084338.D
 Acq: 8 Jan 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 694181
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 39.3 27.8 41.6

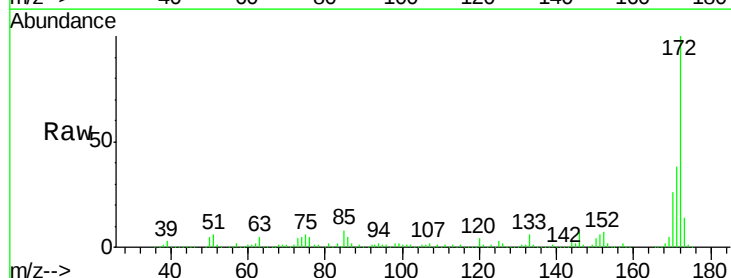


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

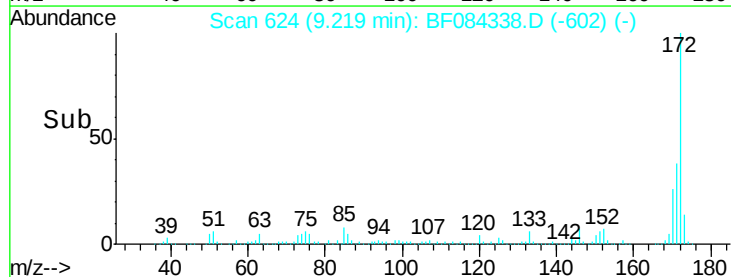
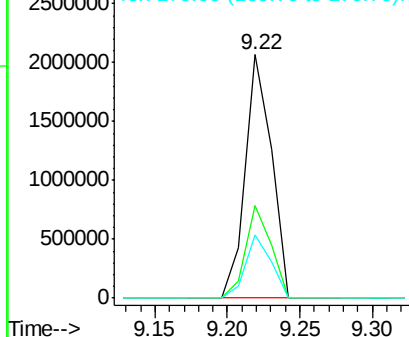


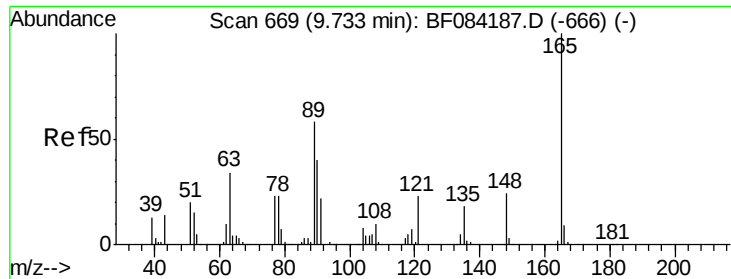
#44
 2-Fluorobiphenyl
 Concen: 97.15 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084338.D
 Acq: 8 Jan 2016 20:01

Tgt Ion:172 Resp: 2589661
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.9 43.3
 170 26.0 18.6 27.8



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

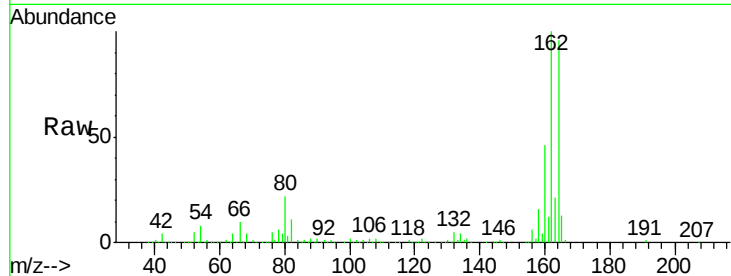




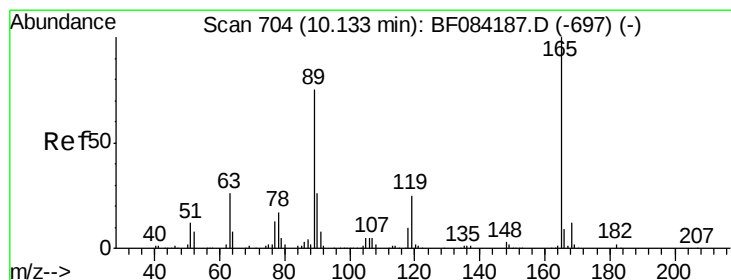
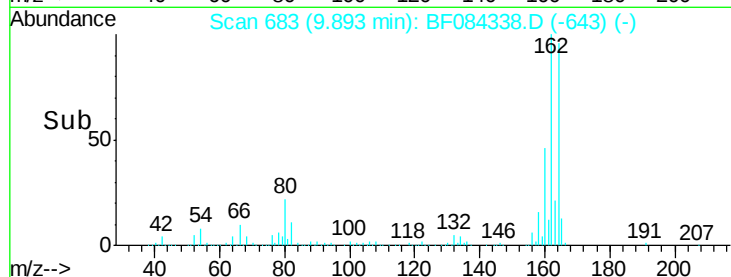
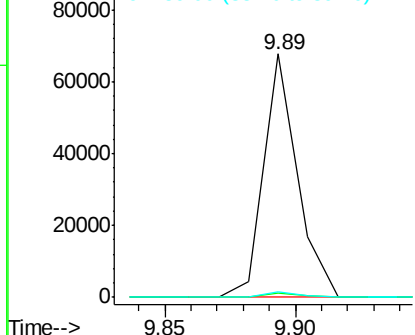
#50
 2,6-Dinitrotoluene
 Concen: 8.22 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.16 min
 Lab File: BF084338.D
 Acq: 8 Jan 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:165 Resp: 60986
 Ion Ratio Lower Upper
 165 100
 63 1.9 28.8 43.2#
 89 2.1 35.1 52.7#



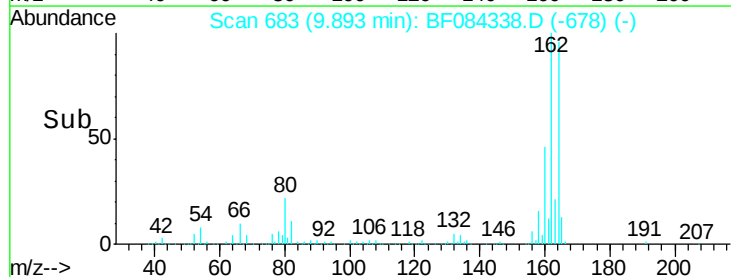
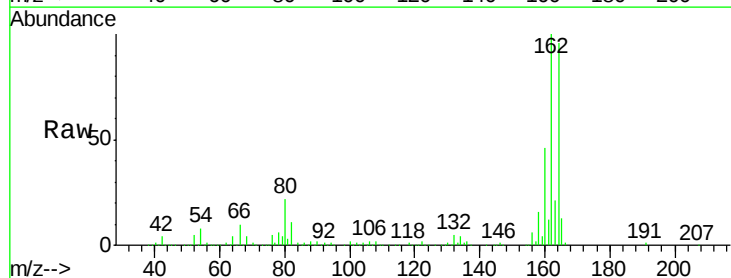
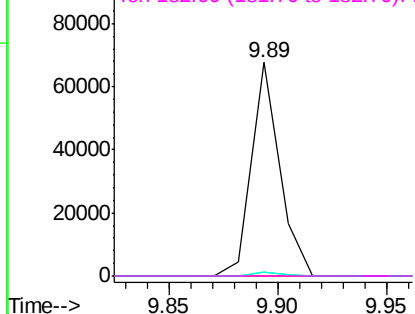
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

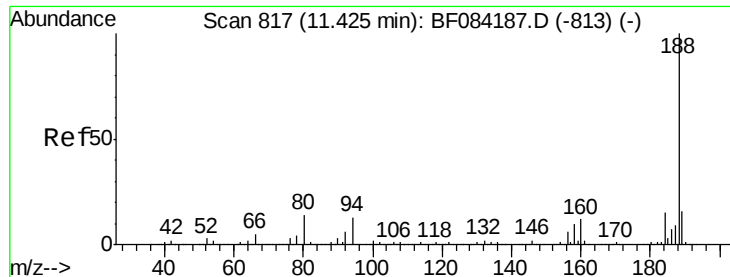


#56
 2,4-Dinitrotoluene
 Concen: 6.49 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF084338.D
 Acq: 8 Jan 2016 20:01

Tgt Ion:165 Resp: 60974
 Ion Ratio Lower Upper
 165 100
 63 1.9 36.7 55.1#
 89 2.1 61.9 92.9#
 182 0.0 2.0 3.0#

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

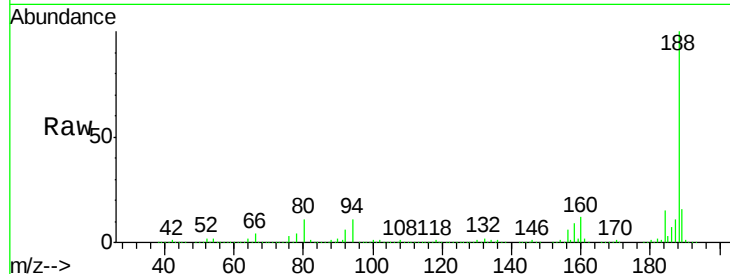




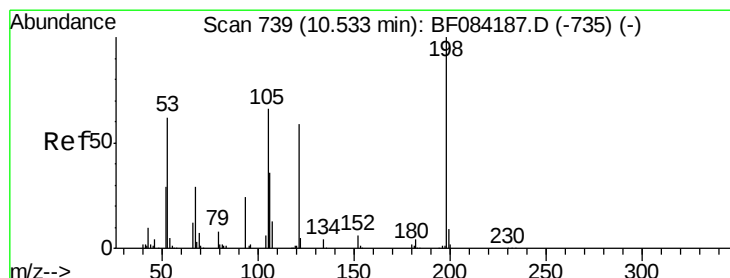
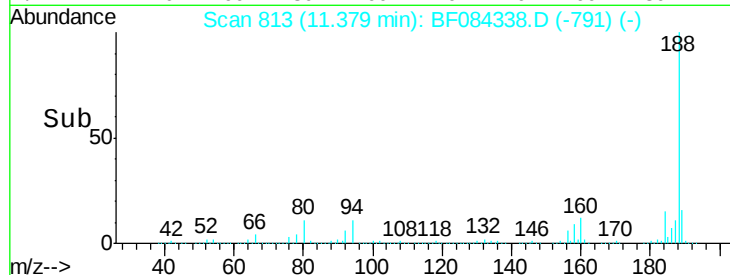
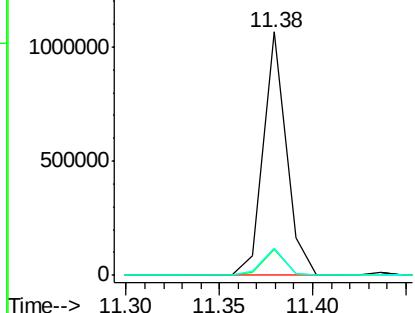
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084338.D
Acq: 8 Jan 2016 20:01

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 906739
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.4
80 11.3 9.6 14.4

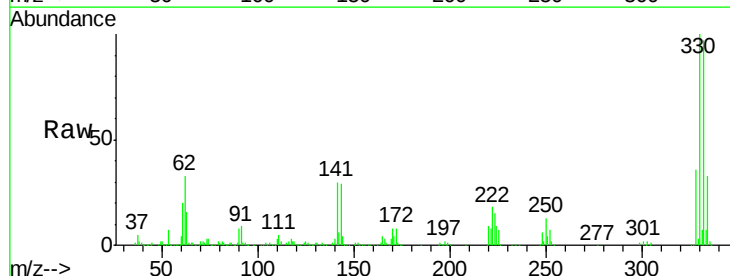


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

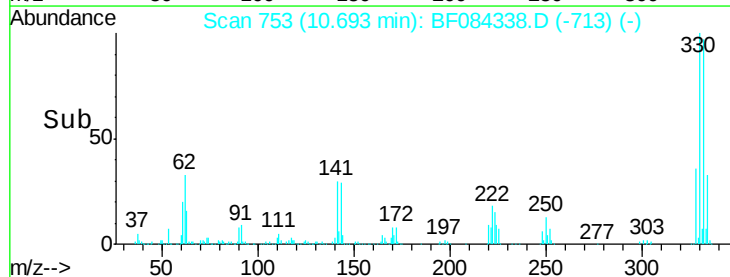
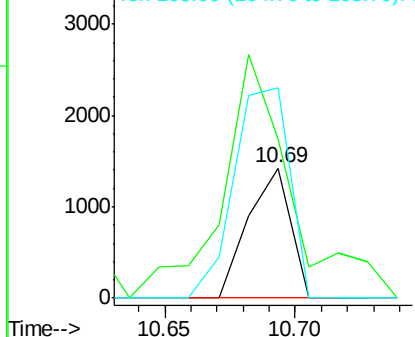


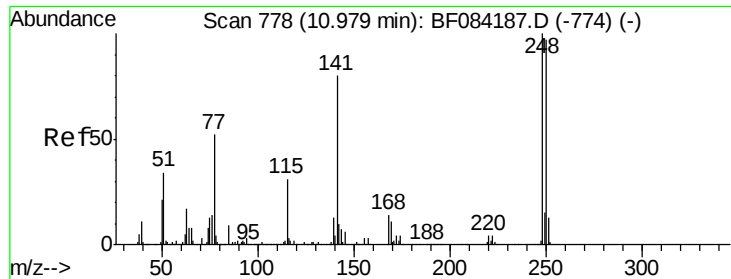
#64
4,6-Dinitro-2-methylphenol
Concen: 6.63 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF084338.D
Acq: 8 Jan 2016 20:01

Tgt Ion:198 Resp: 1590
Ion Ratio Lower Upper
198 100
51 122.9 18.9 58.9#
105 161.9 26.4 66.4#



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

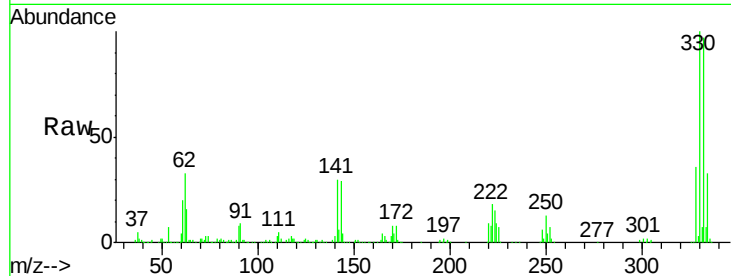




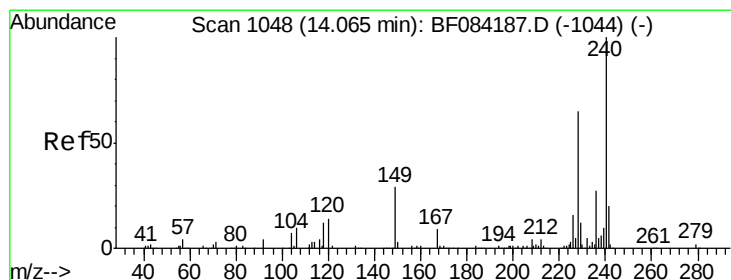
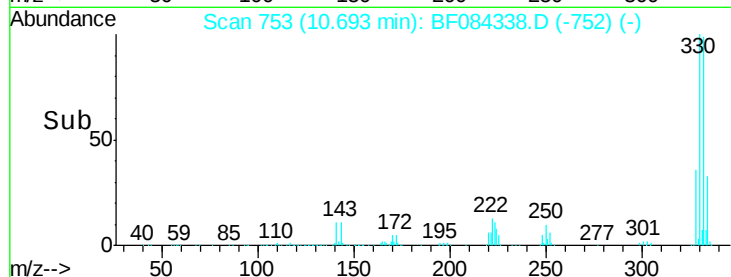
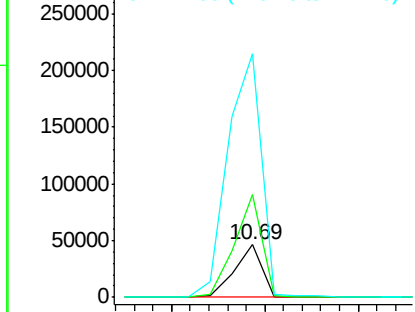
#66
4-Bromophenyl-phenylether
Concen: 4.86 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084338.D
Acq: 8 Jan 2016 20:01

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tgt Ion:248 Resp: 47408
Ion Ratio Lower Upper
248 100
250 197.0 78.4 117.6#
141 463.7 44.0 66.0#

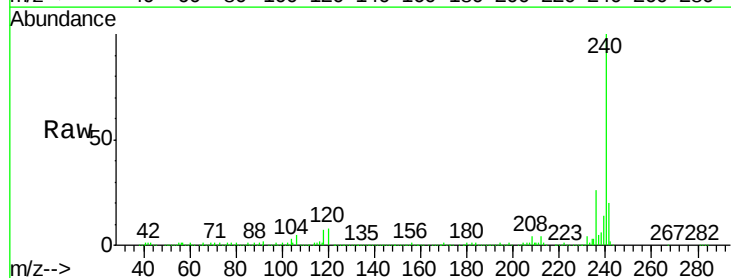


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

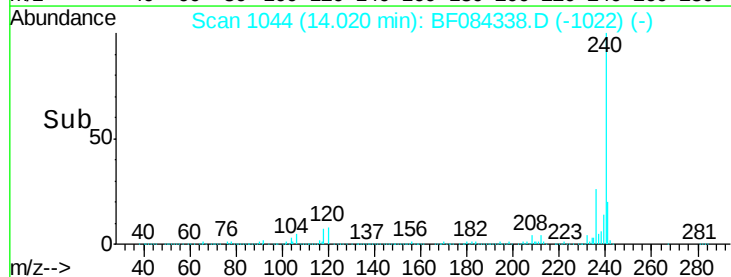
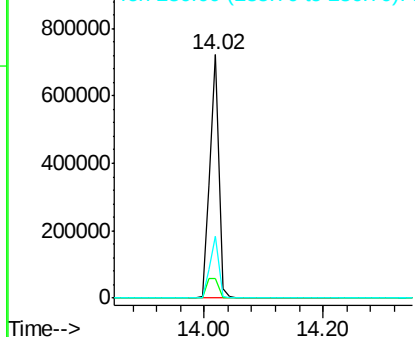


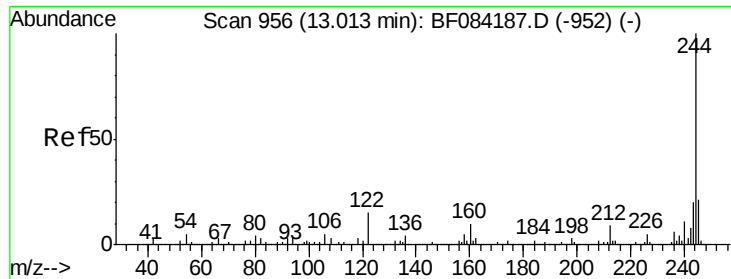
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084338.D
Acq: 8 Jan 2016 20:01

Tgt Ion:240 Resp: 759785
Ion Ratio Lower Upper
240 100
120 7.9 9.5 14.3#
236 25.7 20.6 31.0



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

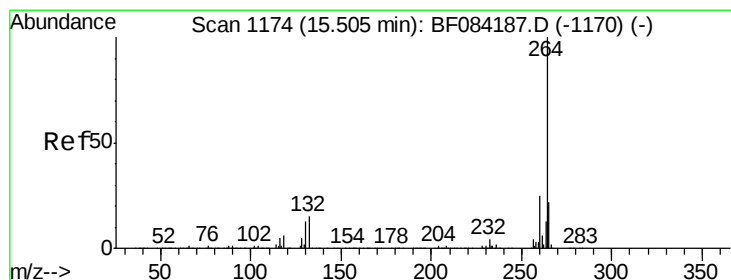
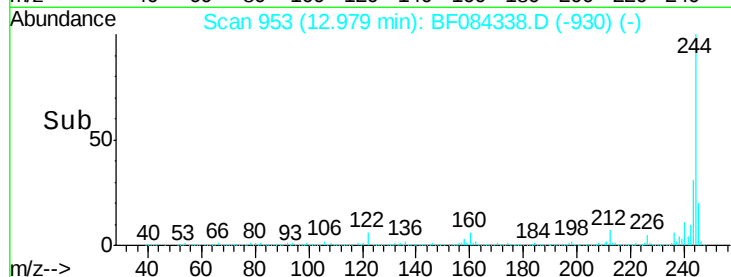
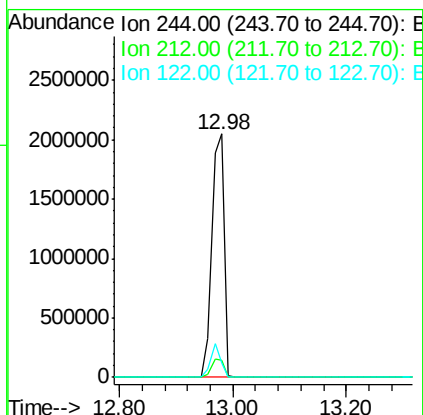
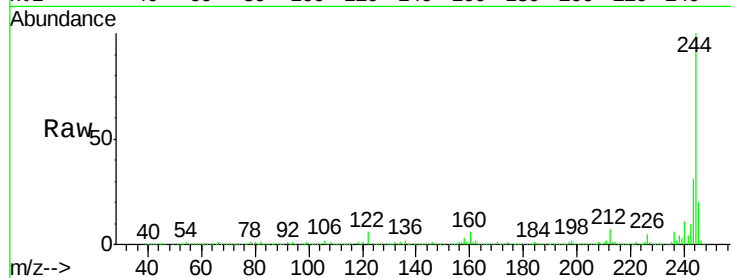




#78
 Terphenyl-d14
 Concen: 86.77 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084338.D
 Acq: 8 Jan 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK

Tgt Ion:244 Resp: 2953511
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 6.2 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084338.D
 Acq: 8 Jan 2016 20:01

Tgt Ion:264 Resp: 515070
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.9 17.8 26.6

