

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088751.D
 Acq On : 6 Jul 2016 23:27
 Operator : UM/SJ
 Sample : H3878-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-10

Quant Time: Jul 07 01:07:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

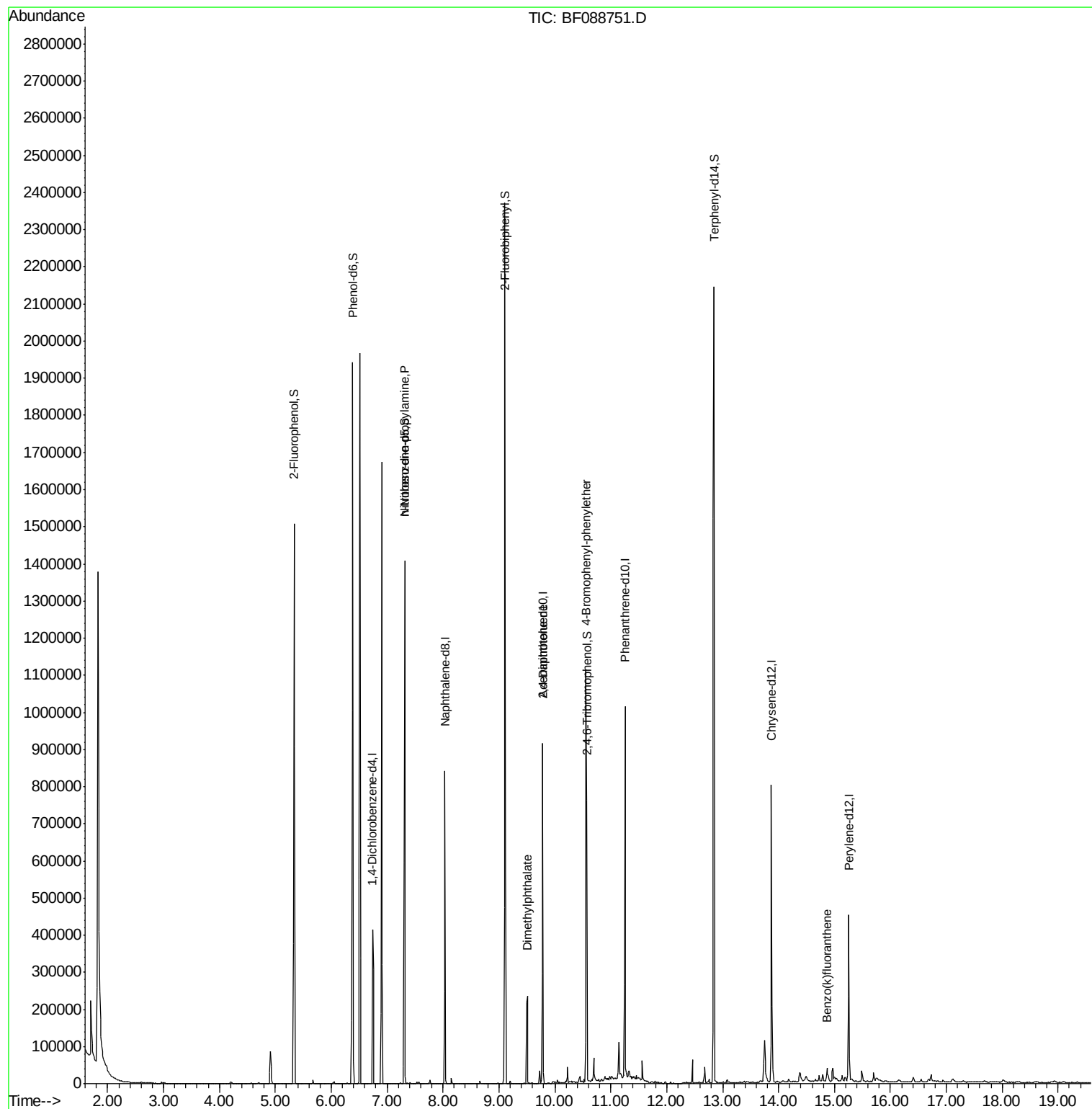
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	82910	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	375273	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	181619	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	342291	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	250612	20.00	ng	-0.05
86) Perylene-d12	15.26	264	193824	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	580604	104.95	ng	-0.03
7) Phenol-d6	6.39	99	781858	109.38	ng	-0.02
23) Nitrobenzene-d5	7.31	82	506058	70.67	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	181149	107.41	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	777608	67.63	ng	-0.03
78) Terphenyl-d14	12.84	244	855324	76.02	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	69200	14.41	ng	# 70
49) Dimethylphthalate	9.51	163	146144	11.29	ng	98
56) 2,4-Dinitrotoluene	9.78	165	23035	6.14	ng	# 38
66) 4-Bromophenyl-phenylether	10.56	248	11379	3.30	ng	# 1
88) Benzo(k)fluoranthene	14.87	252	24107	2.28	ng	99

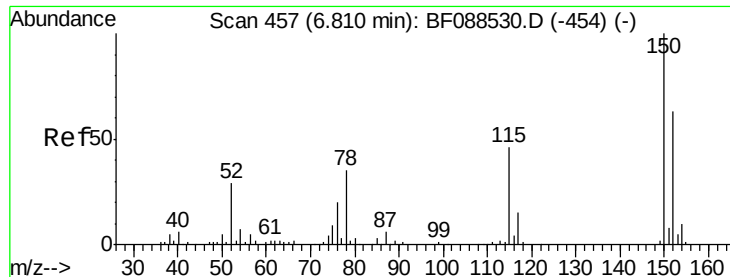
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 05 17:15:08 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088751.D

Acq: 6 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C2.1-10

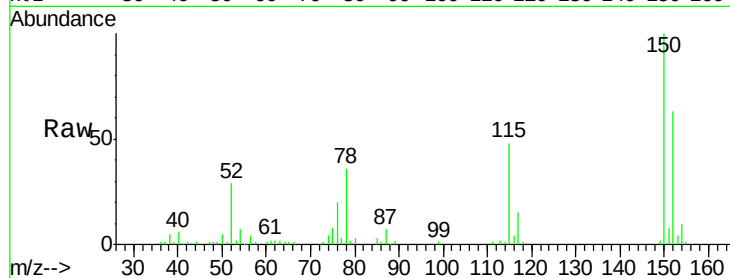
Tgt Ion:152 Resp: 82910

Ion Ratio Lower Upper

152 100

150 159.2 123.8 185.6

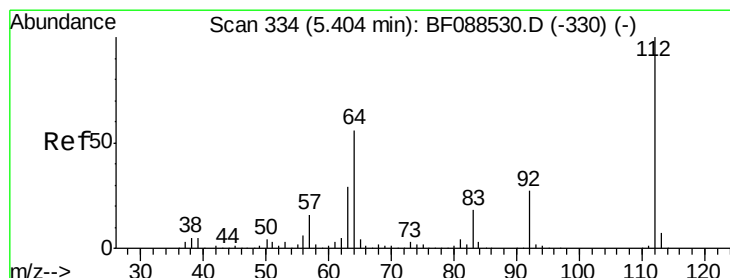
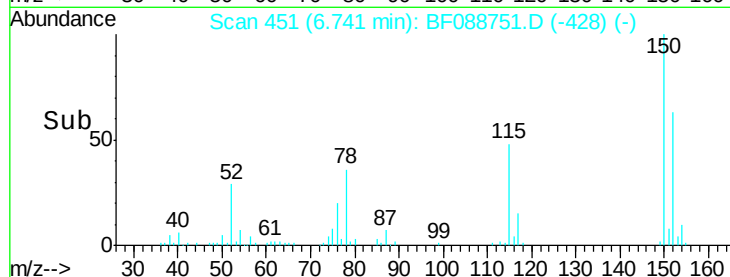
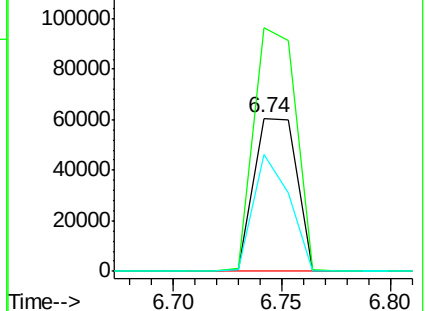
115 76.7 39.6 59.4#



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: 104.95 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088751.D

Acq: 6 Jul 2016 23:27

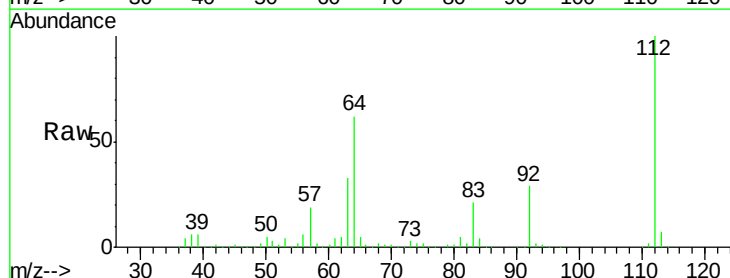
Tgt Ion:112 Resp: 580604

Ion Ratio Lower Upper

112 100

64 61.8 42.2 63.2

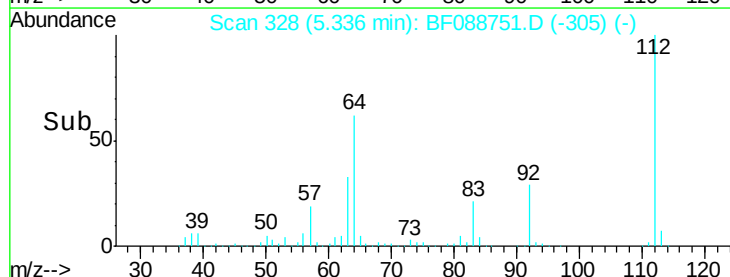
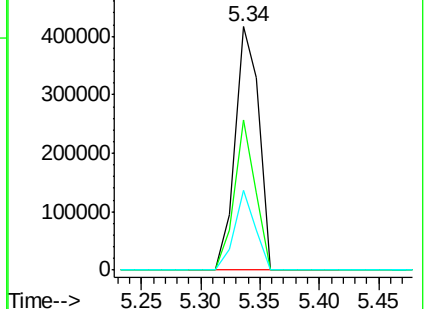
63 32.6 21.8 32.8

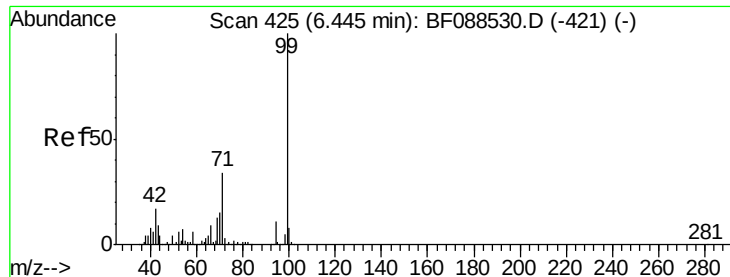


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.38 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088751.D

Acq: 6 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C2.1-10

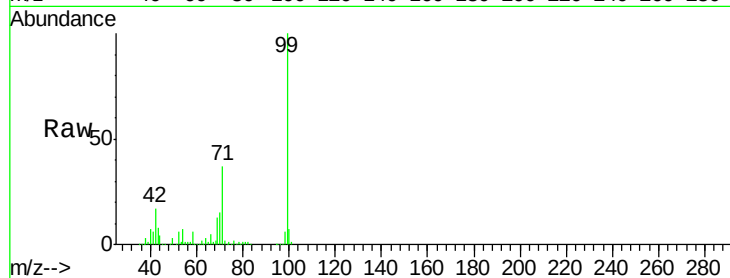
Tgt Ion: 99 Resp: 781858

Ion Ratio Lower Upper

99 100

42 16.7 12.2 18.2

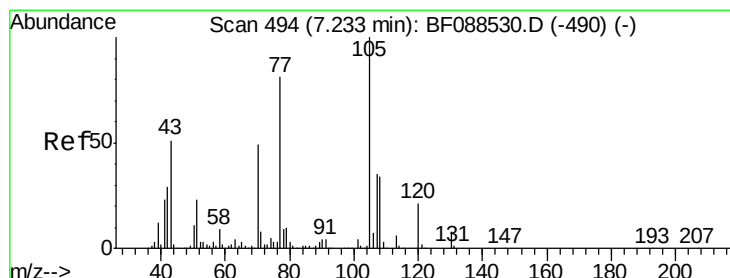
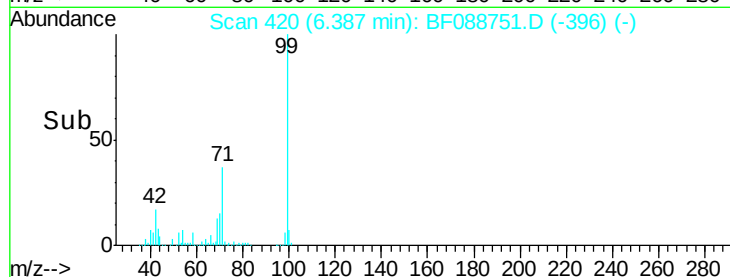
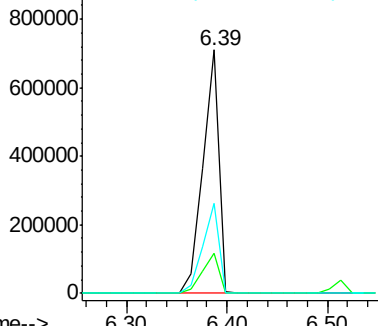
71 36.8 23.4 35.0#



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: 14.41 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.11 min

Lab File: BF088751.D

Acq: 6 Jul 2016 23:27

Tgt Ion: 70 Resp: 69200

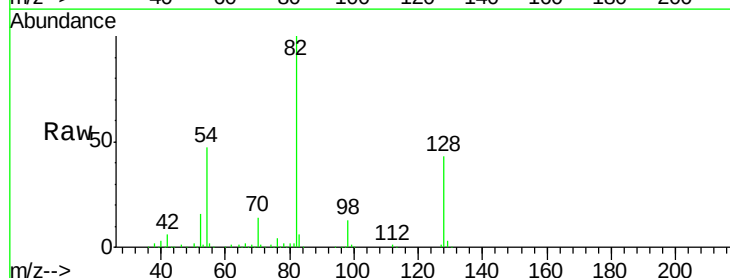
Ion Ratio Lower Upper

70 100

42 40.7 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#

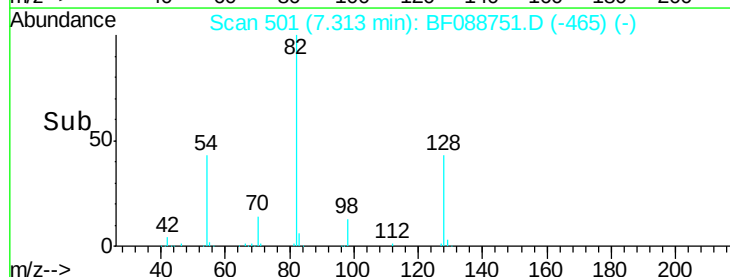
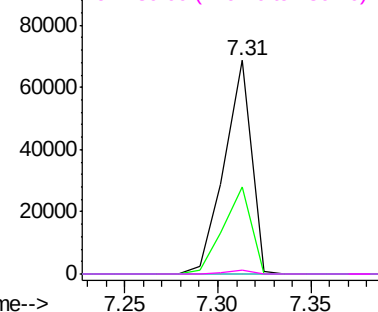


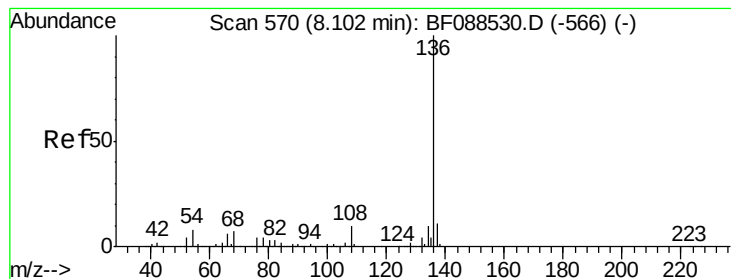
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF088751.D

Acq: 6 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C2.1-10

Tgt Ion:136 Resp: 375273

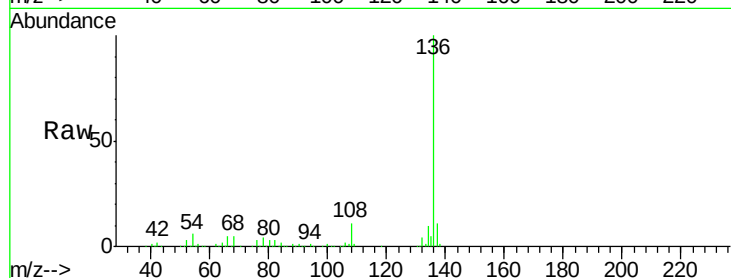
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.3 6.6 10.0#

68 5.3 5.1 7.7

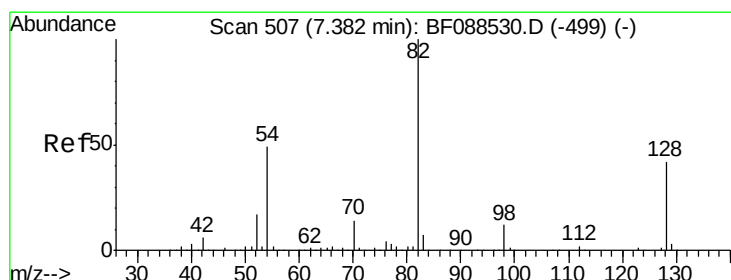
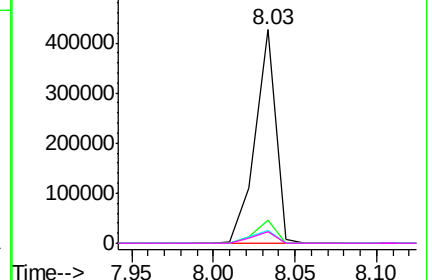
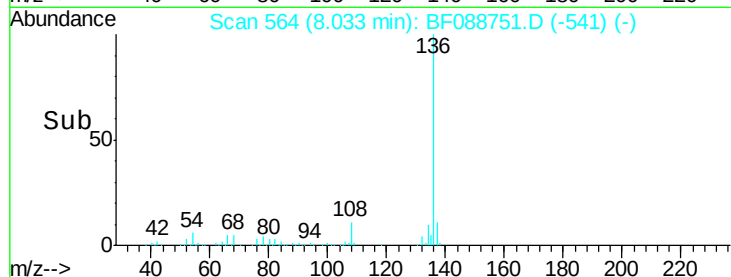


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.67 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088751.D

Acq: 6 Jul 2016 23:27

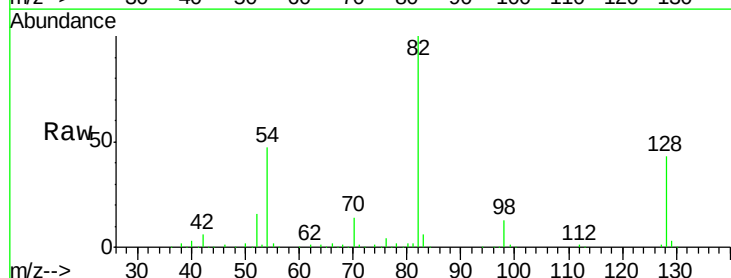
Tgt Ion: 82 Resp: 506058

Ion Ratio Lower Upper

82 100

128 42.8 35.9 53.9

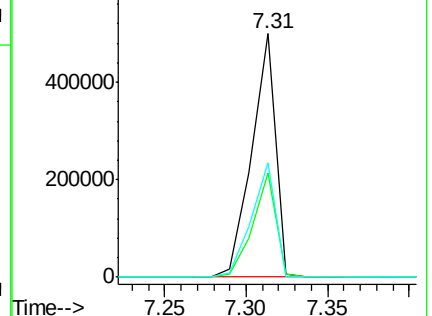
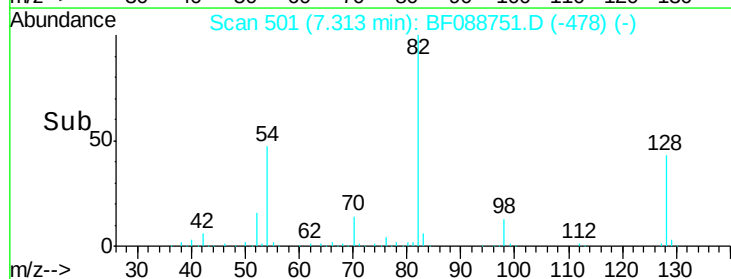
54 46.9 40.9 61.3

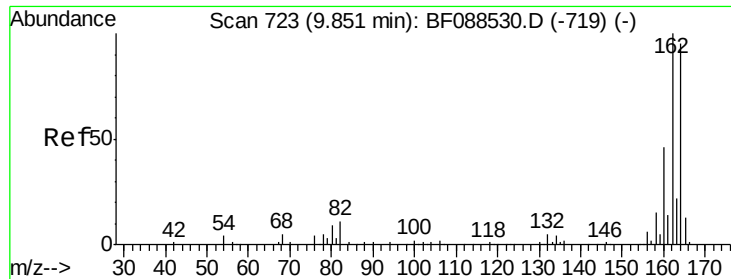


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088751.D

Acq: 6 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C2.1-10

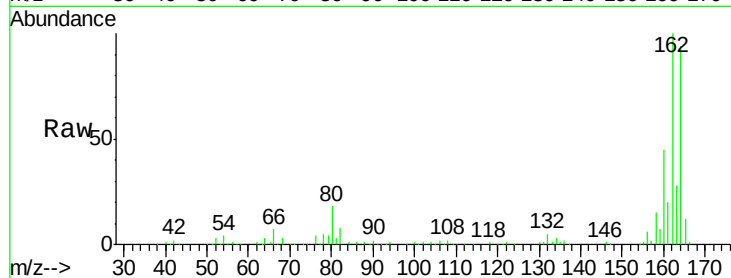
Tgt Ion:164 Resp: 181619

Ion Ratio Lower Upper

164 100

162 106.2 85.4 128.2

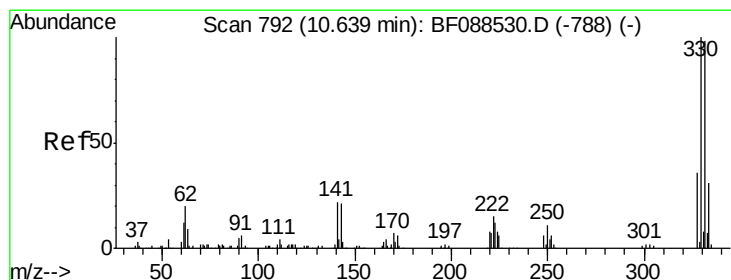
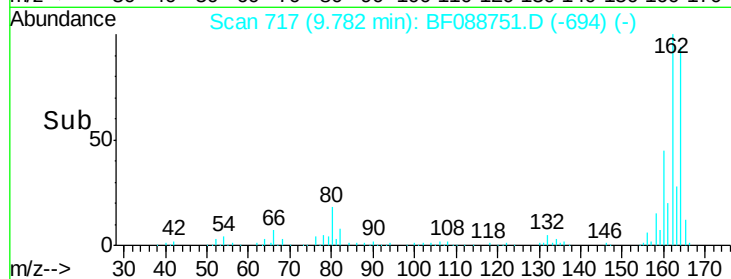
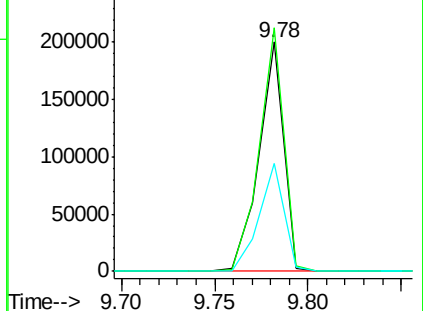
160 47.3 39.5 59.3



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: 107.41 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.03 min

Lab File: BF088751.D

Acq: 6 Jul 2016 23:27

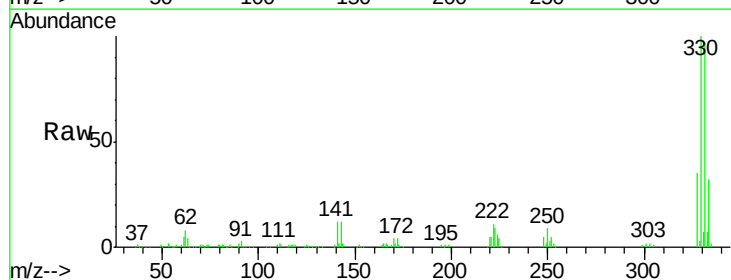
Tgt Ion:330 Resp: 181149

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

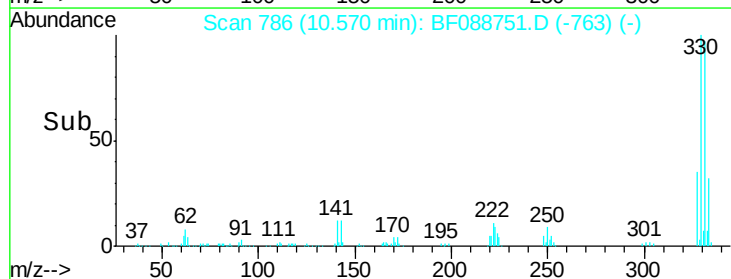
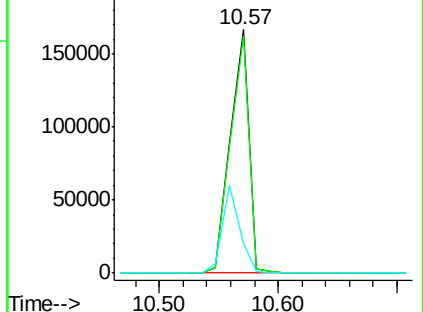
141 32.9 0.0 0.0#

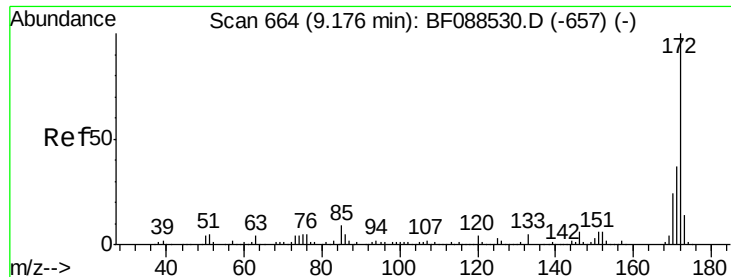


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

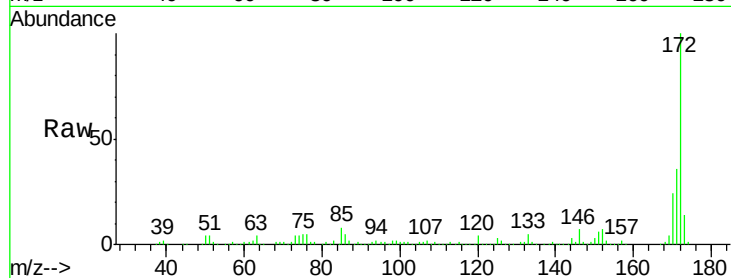




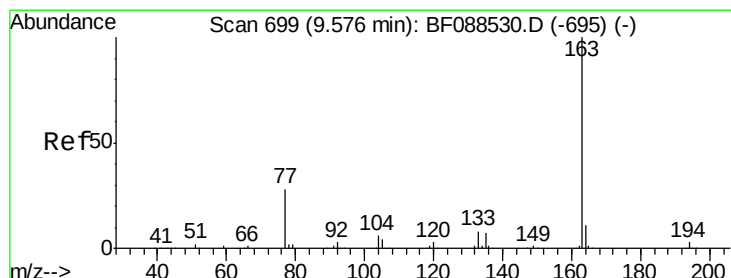
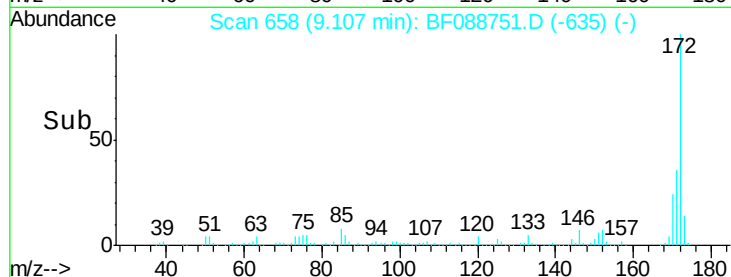
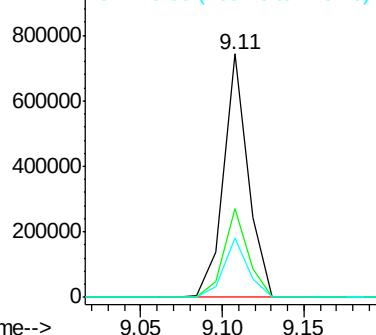
#44
2-Fluorobiphenyl
Concen: 67.63 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF088751.D
Acq: 6 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C2.1-10

Tgt Ion:172 Resp: 777608
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.2 19.2 28.8

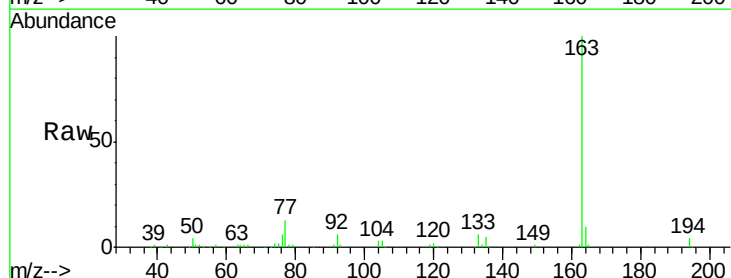


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

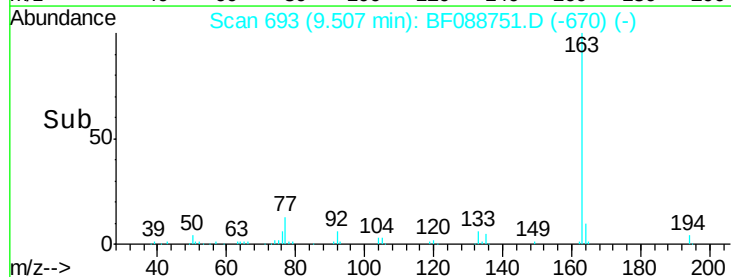
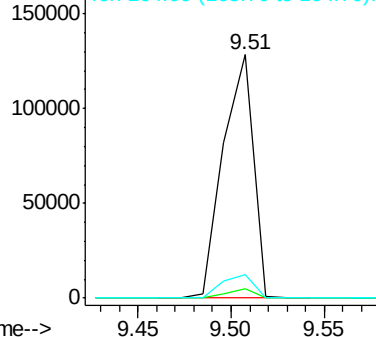


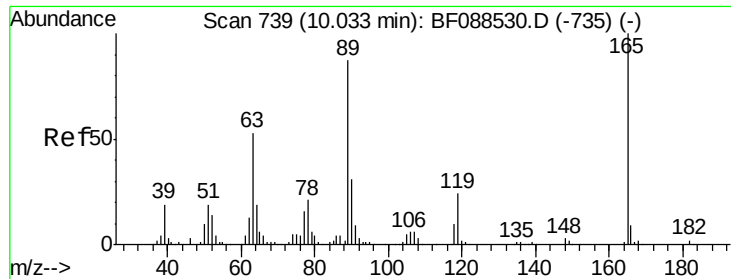
#49
Dimethylphthalate
Concen: 11.29 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF088751.D
Acq: 6 Jul 2016 23:27

Tgt Ion:163 Resp: 146144
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.6 8.3 12.5



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

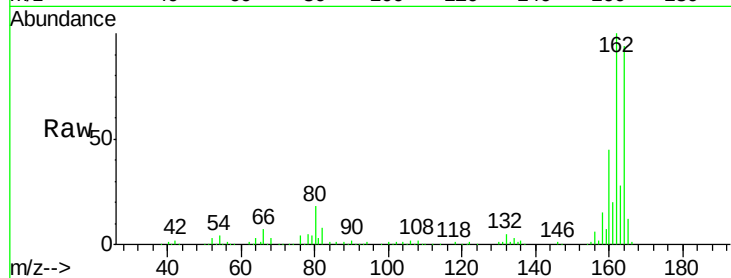




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.22 min
 Lab File: BF088751.D
 Acq: 6 Jul 2016 23:27

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#

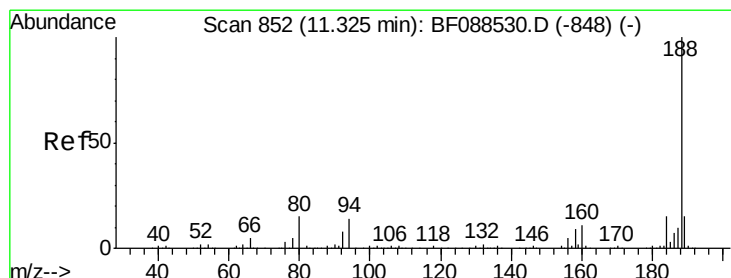
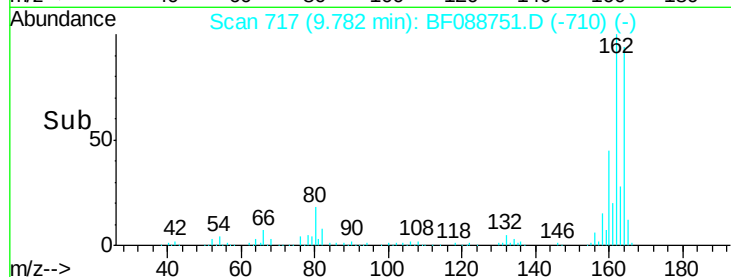
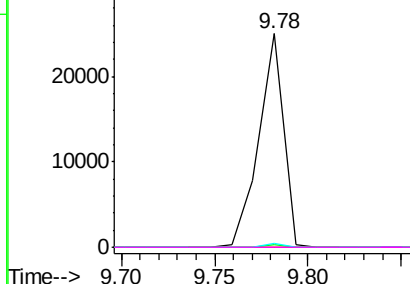


Abundance Ion 165.00 (164.70 to 165.70): E

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



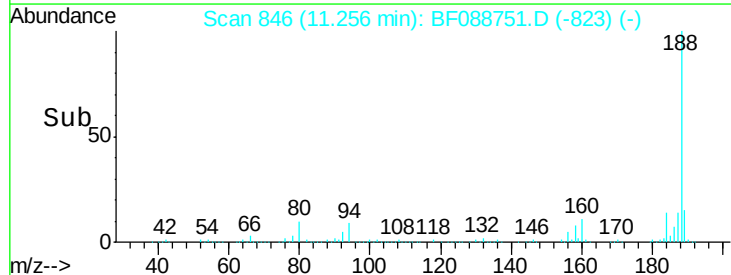
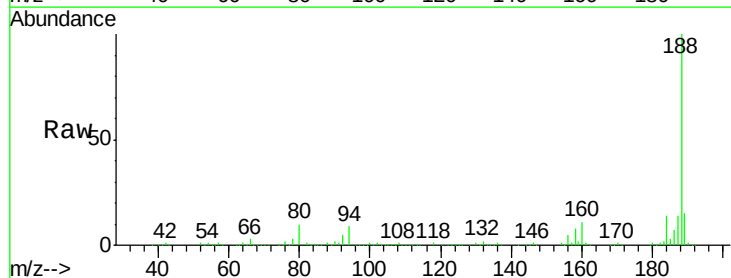
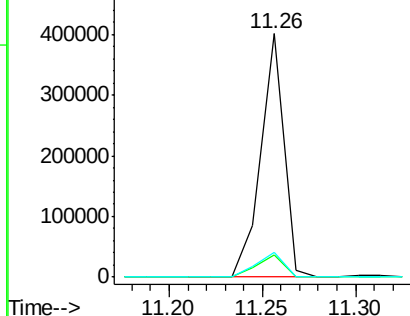
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF088751.D
 Acq: 6 Jul 2016 23:27

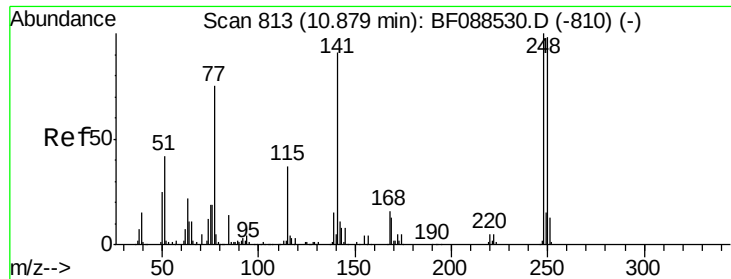
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.6
80	9.9	10.0	15.0#

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

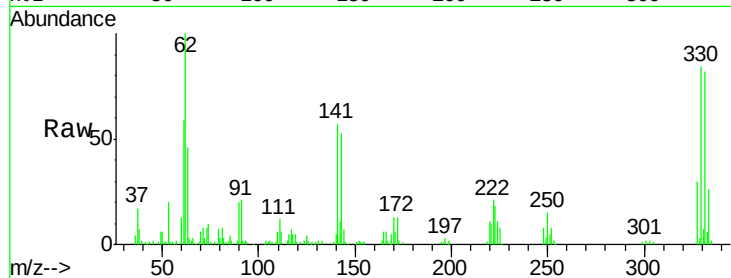




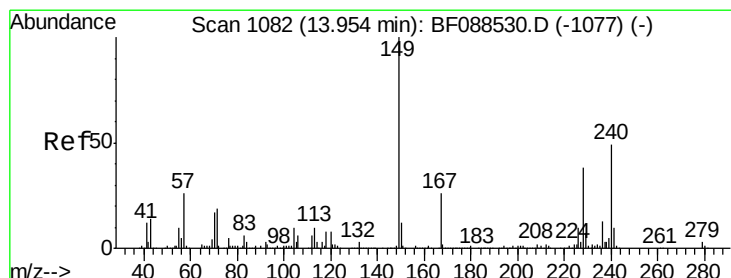
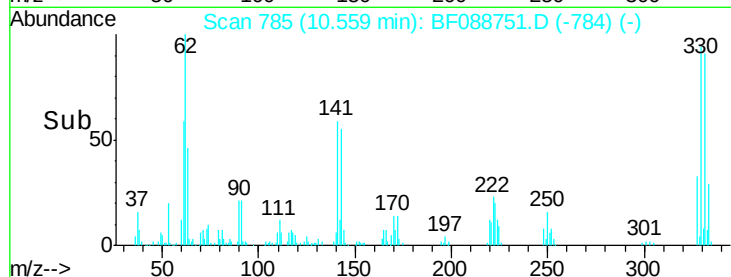
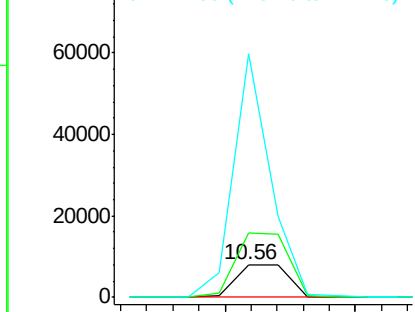
#66
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.29 min
Lab File: BF088751.D
Acq: 6 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C2.1-10

Tgt Ion:248 Resp: 11379
Ion Ratio Lower Upper
248 100
250 196.4 77.1 115.7#
141 740.0 50.6 76.0#

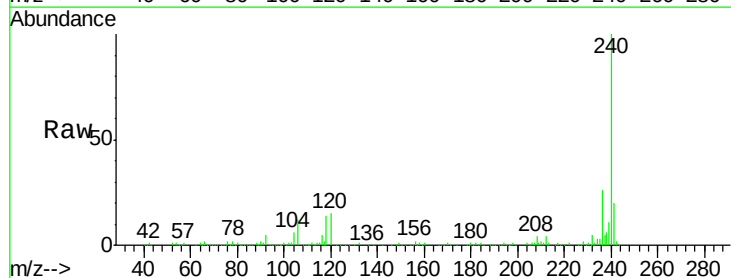


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

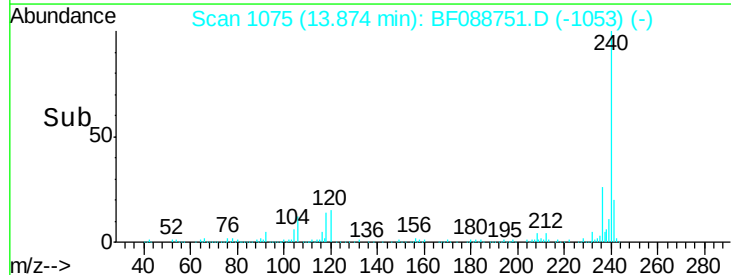
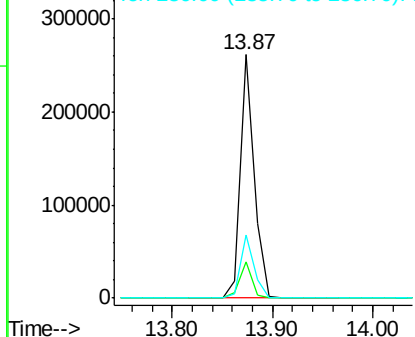


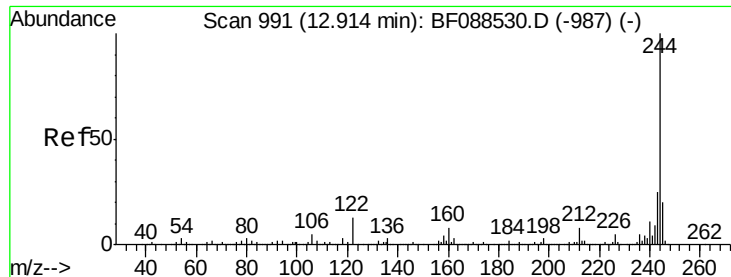
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.05 min
Lab File: BF088751.D
Acq: 6 Jul 2016 23:27

Tgt Ion:240 Resp: 250612
Ion Ratio Lower Upper
240 100
120 15.1 6.8 10.2#
236 25.8 20.2 30.2



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

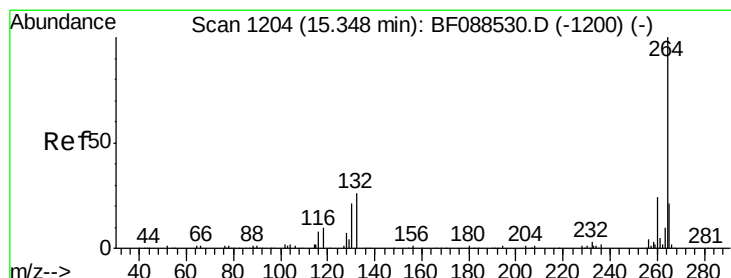
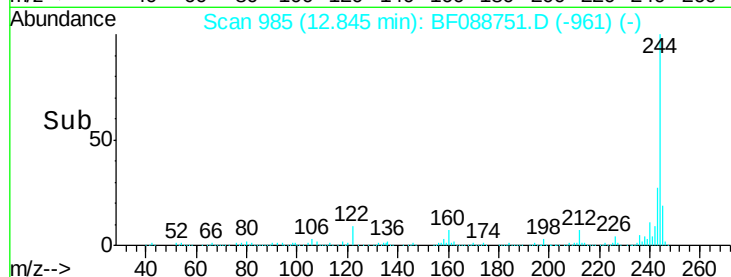
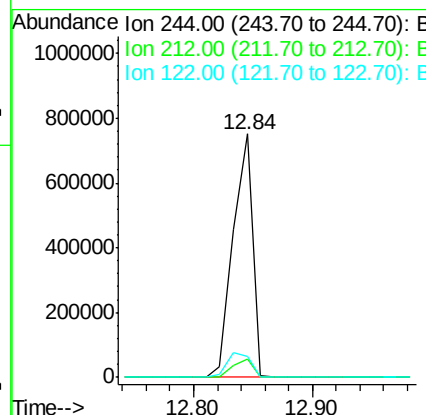
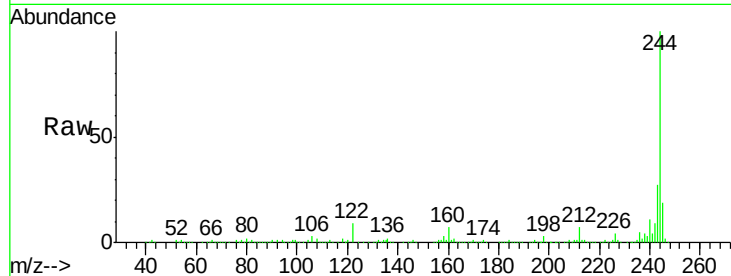




#78
 Terphenyl-d14
 Concen: 76.02 ng
 RT: 12.84 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088751.D
 Acq: 6 Jul 2016 23:27

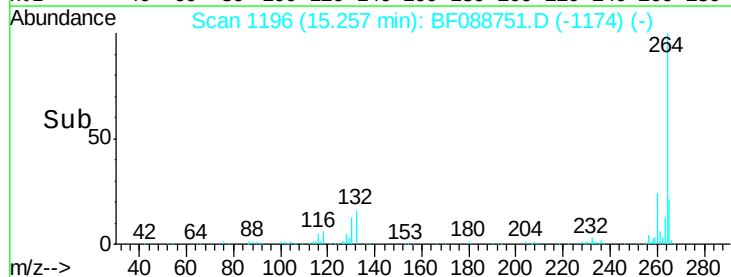
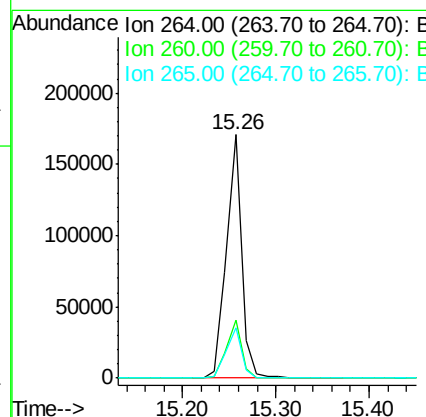
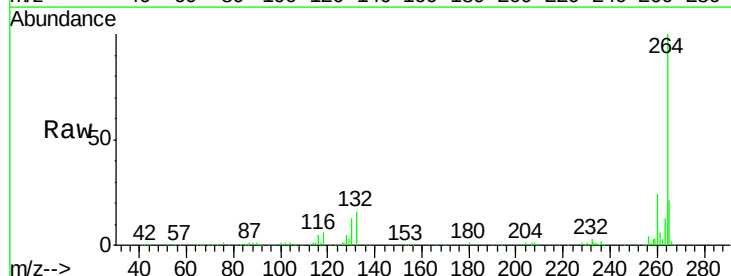
Instrument :
 BNA_F
 ClientSampleId :
 C2.1-10

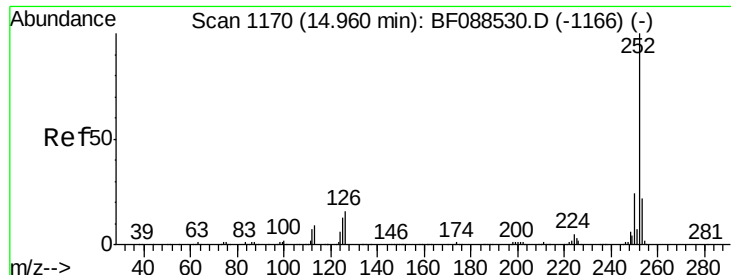
Tgt Ion: 244 Resp: 855324
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 8.8 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 1196
 Delta R.T. -0.05 min
 Lab File: BF088751.D
 Acq: 6 Jul 2016 23:27

Tgt Ion: 264 Resp: 193824
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.8 16.9 25.3

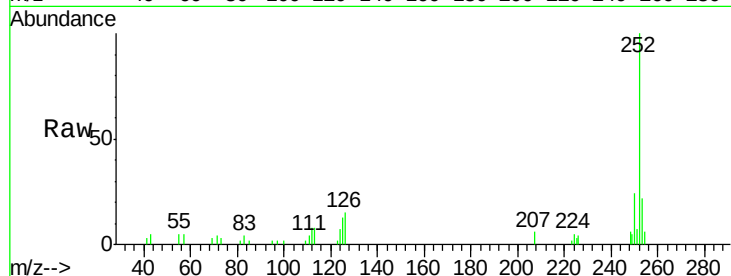




#88
 Benzo(k)fluoranthene
 Concen: 2.28 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. -0.08 min
 Lab File: BF088751.D
 Acq: 6 Jul 2016 23:27

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-10

Tgt Ion:	252	Resp:	24107
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	13.5	11.2	16.8



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

