

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070116\
 Data File : BF088574.D
 Acq On : 1 Jul 2016 14:51
 Operator : UM/SJ
 Sample : H3808-08 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 01 16:24:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

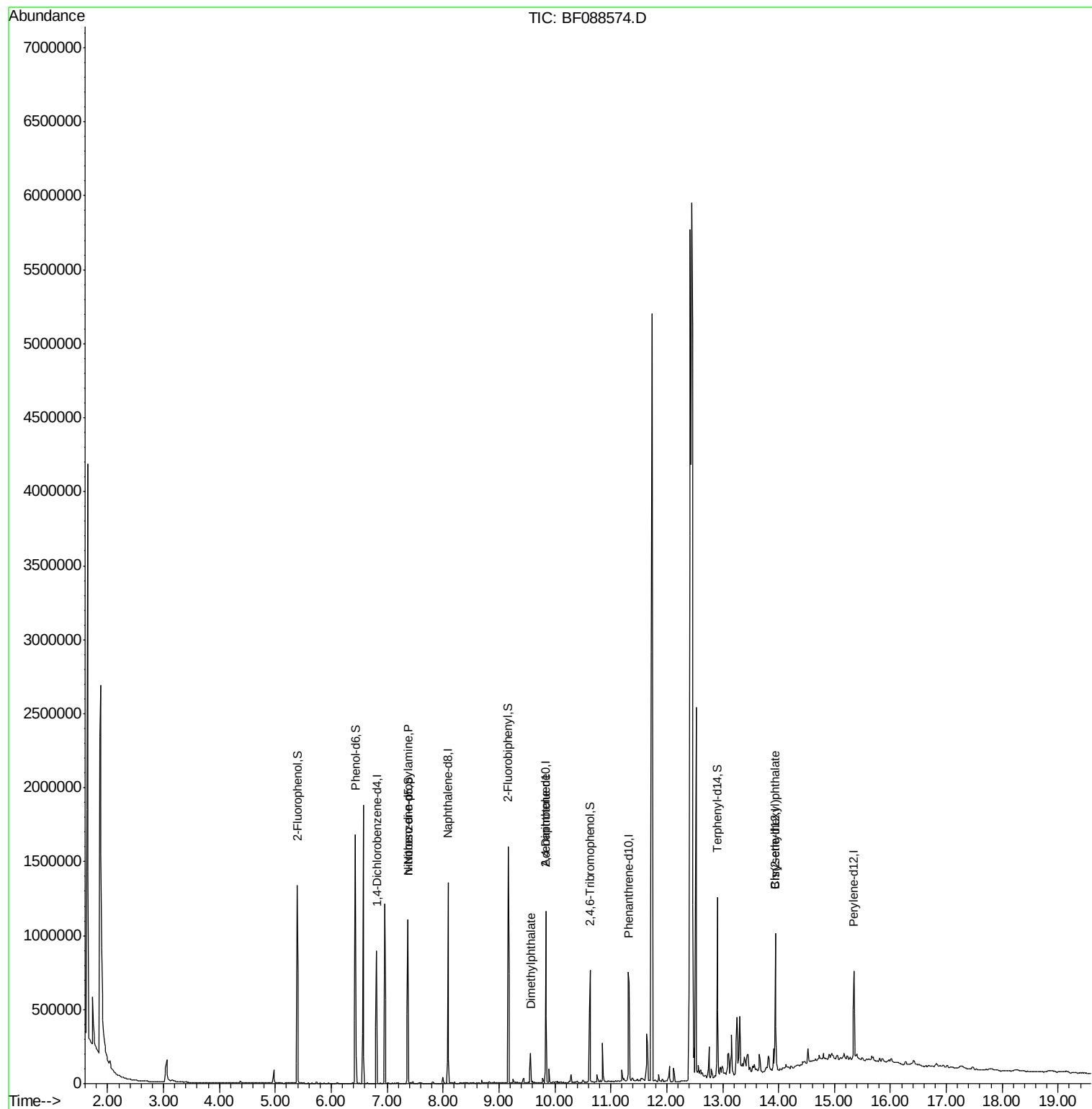
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	146146	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	540043	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	234548	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	380176	20.00	ng	0.00
75) Chrysene-d12	13.94	240	271896	20.00	ng	-0.01
86) Perylene-d12	15.35	264	263657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	455080	46.67	ng	-0.01
7) Phenol-d6	6.43	99	559364	44.39	ng	-0.01
23) Nitrobenzene-d5	7.37	82	392790	38.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	103864	47.69	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	568441	38.28	ng	-0.01
78) Terphenyl-d14	12.90	244	386602	31.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	51468	6.08	ng	# 70
49) Dimethylphthalate	9.56	163	86253	5.16	ng	98
56) 2,4-Dinitrotoluene	9.84	165	30374	6.27	ng	# 38
83) Bis(2-ethylhexyl)phthalate	13.94	149	52713	4.49	ng	96

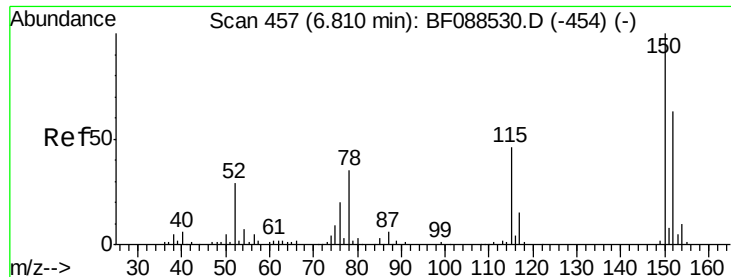
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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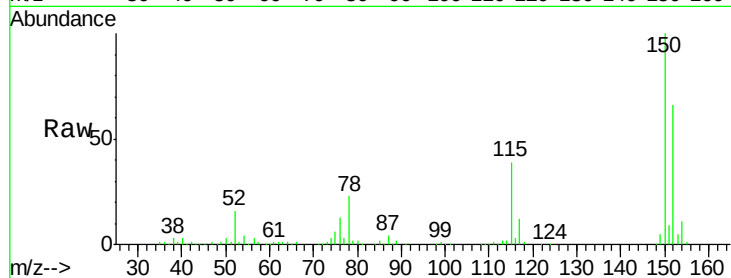


#1

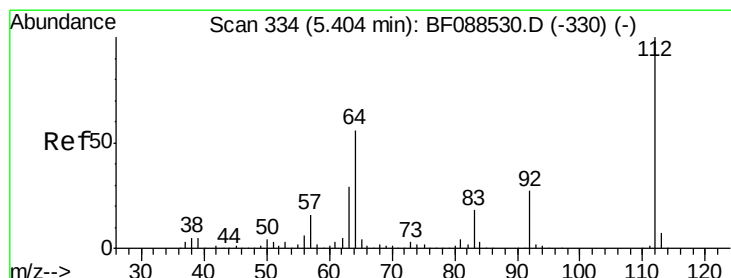
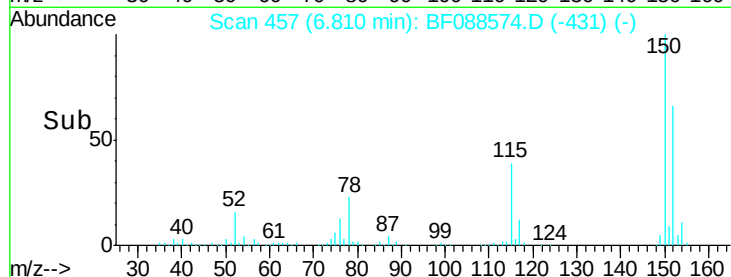
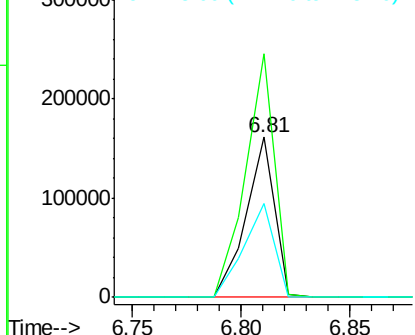
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088574.D
Acq: 1 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146146
Ion Ratio Lower Upper
152 100
150 152.0 123.8 185.6
115 58.8 39.6 59.4



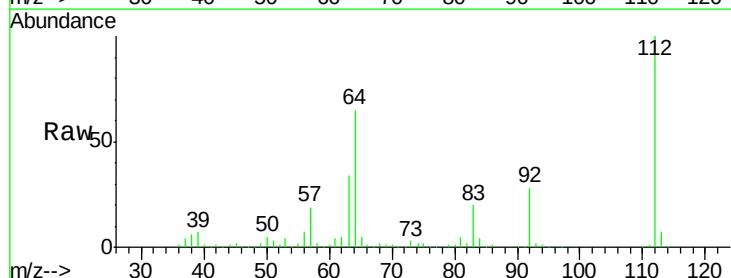
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



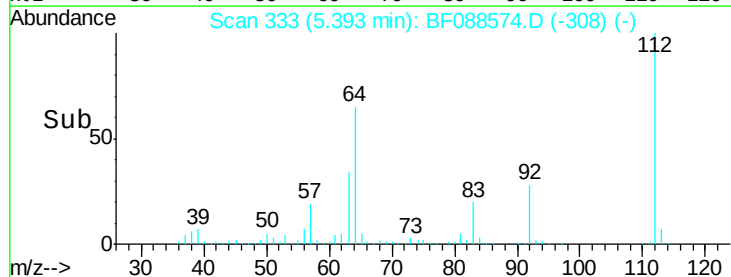
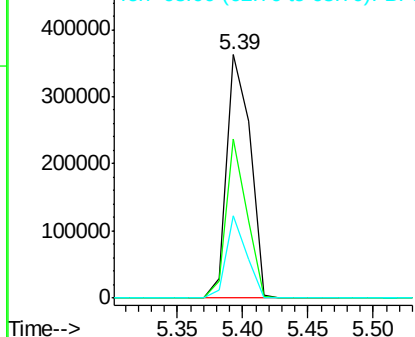
#5

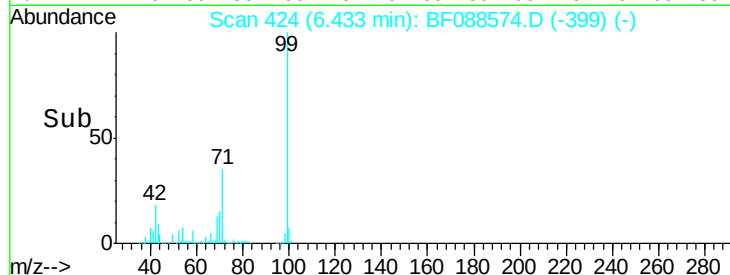
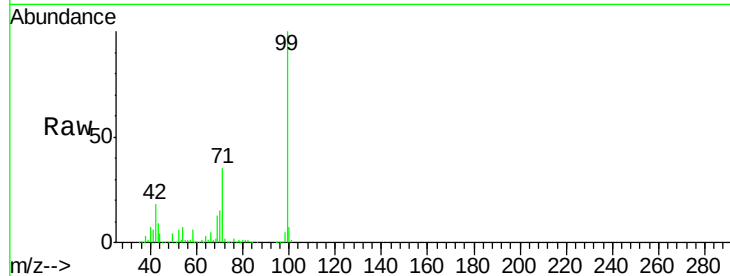
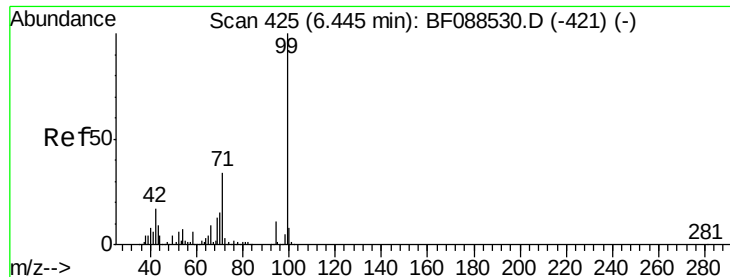
2-Fluorophenol
Concen: 46.67 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF088574.D
Acq: 1 Jul 2016 14:51

Tgt Ion:112 Resp: 455080
Ion Ratio Lower Upper
112 100
64 65.5 42.2 63.2#
63 33.6 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: 44.39 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088574.D

Acq: 1 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

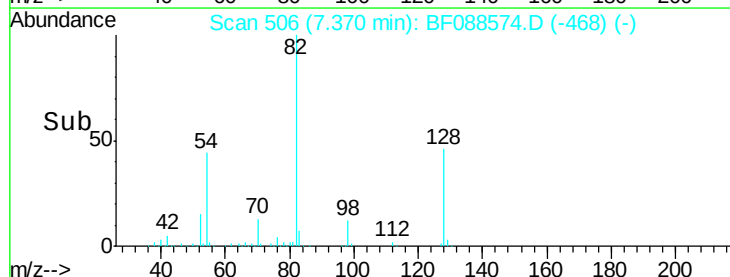
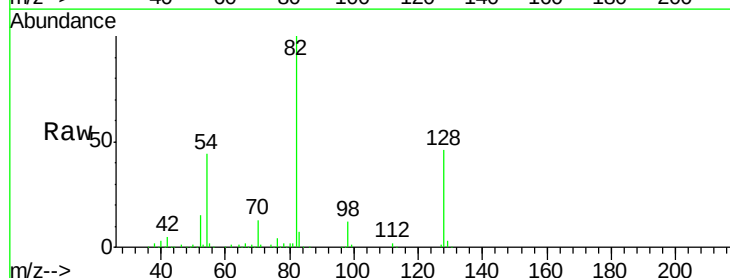
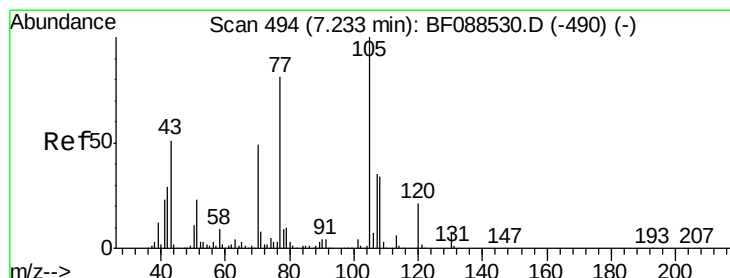
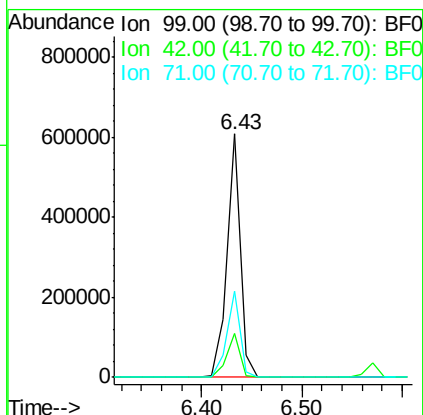
Tot Ion: 99 Resp: 559364

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

71 35.2 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 6.08 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088574.D

Acq: 1 Jul 2016 14:51

Tgt Ion: 70 Resp: 51468

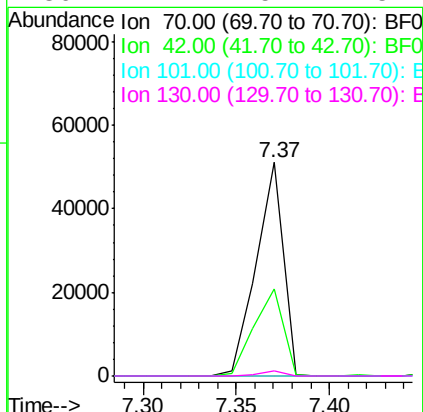
Ion Ratio Lower Upper

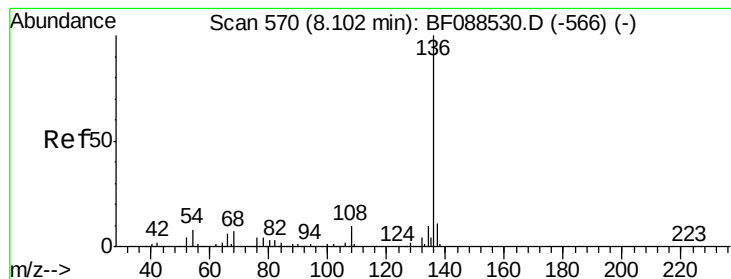
70 100

42 40.7 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088574.D

Acq: 1 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 540043

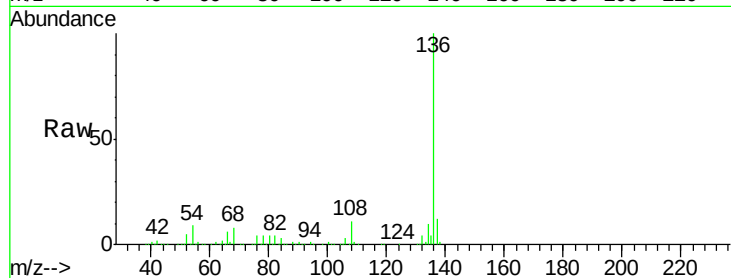
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.3 6.6 10.0

68 7.6 5.1 7.7

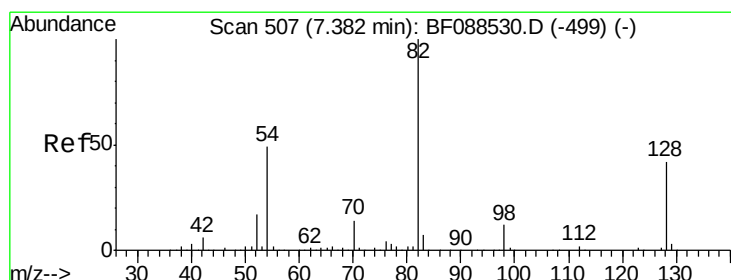
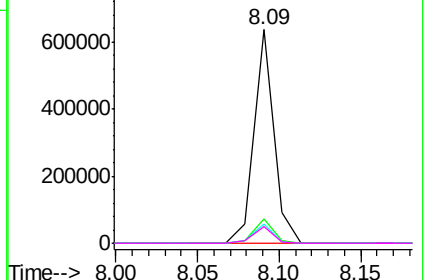
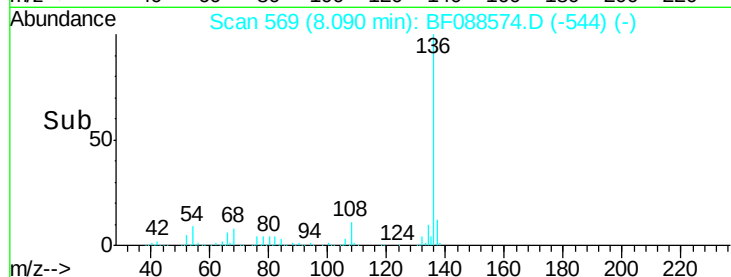


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.12 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088574.D

Acq: 1 Jul 2016 14:51

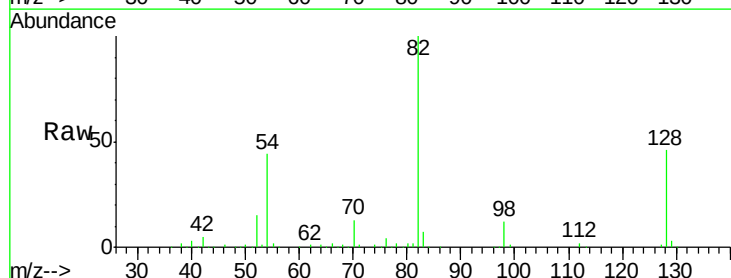
Tgt Ion: 82 Resp: 392790

Ion Ratio Lower Upper

82 100

128 46.5 35.9 53.9

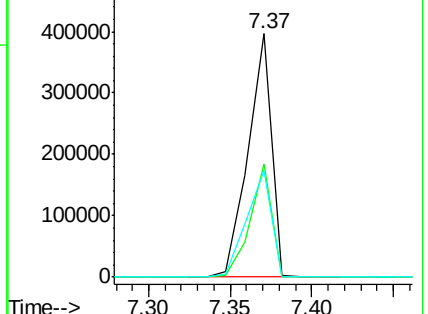
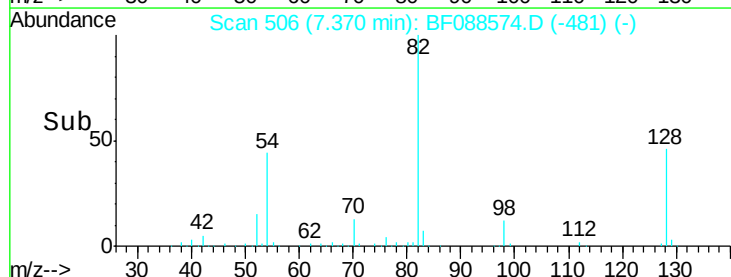
54 44.0 40.9 61.3

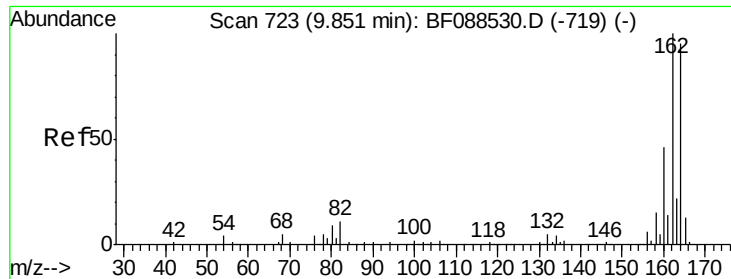


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

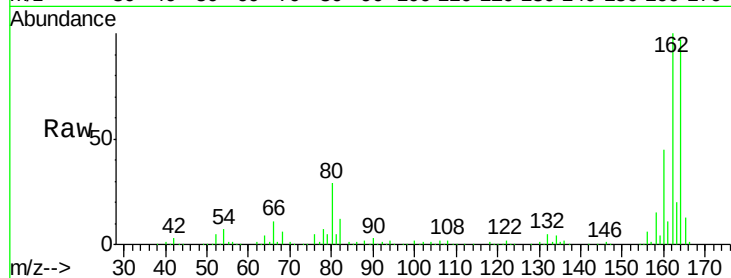




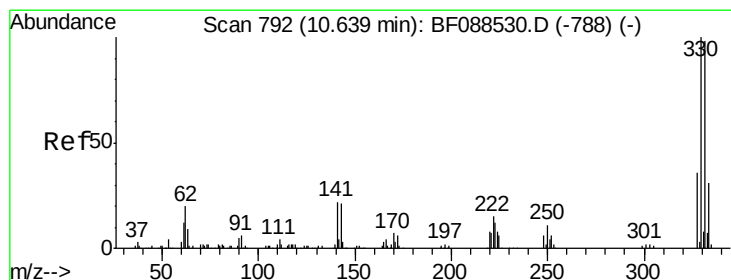
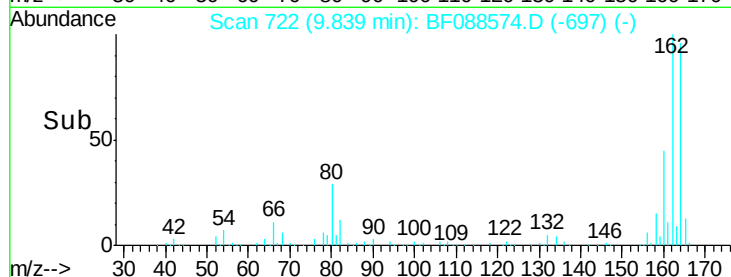
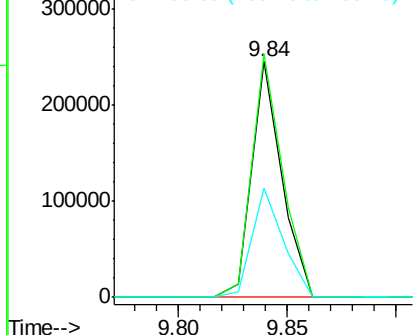
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088574.D
Acq: 1 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 234548
Ion Ratio Lower Upper
164 100
162 103.3 85.4 128.2
160 46.4 39.5 59.3

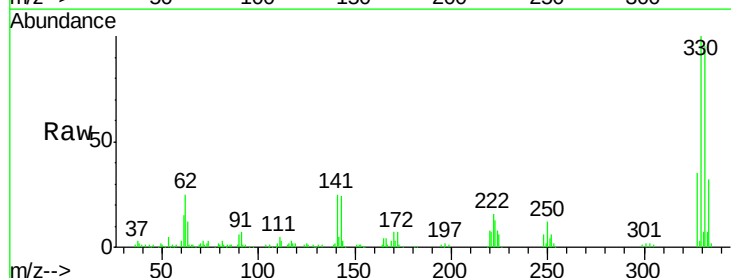


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

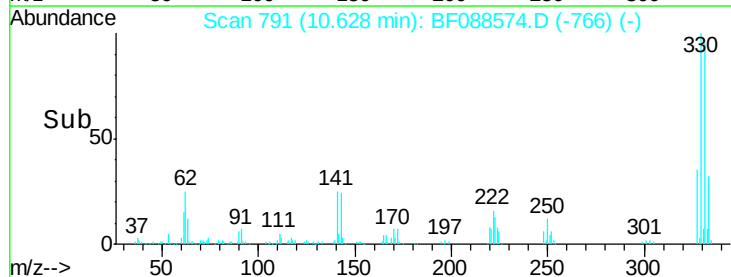
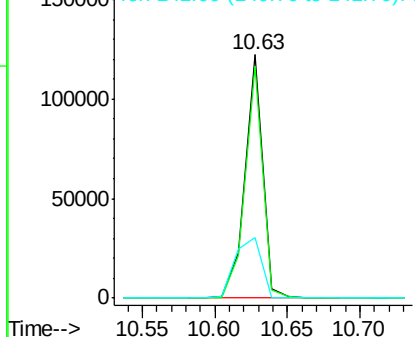


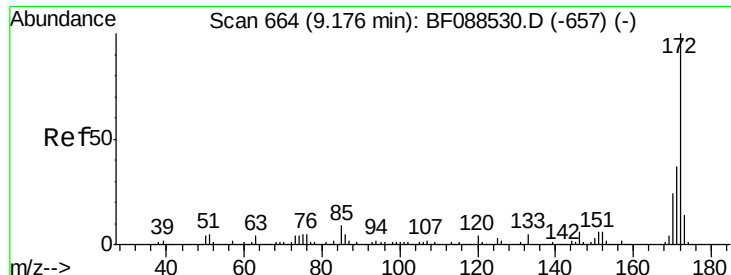
#41
2,4,6-Tribromophenol
Concen: 47.69 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF088574.D
Acq: 1 Jul 2016 14:51

Tgt Ion:330 Resp: 103864
Ion Ratio Lower Upper
330 100
332 94.9 0.0 0.0#
141 37.9 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

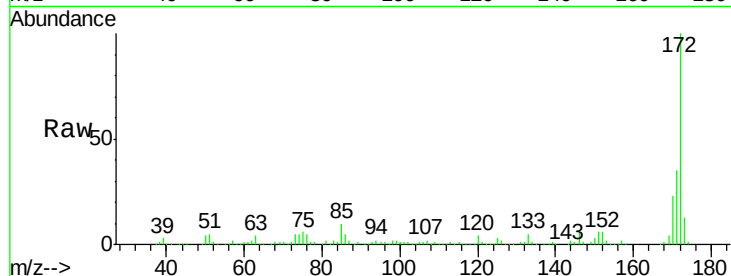




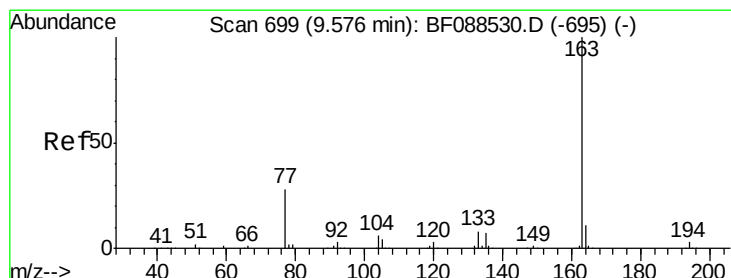
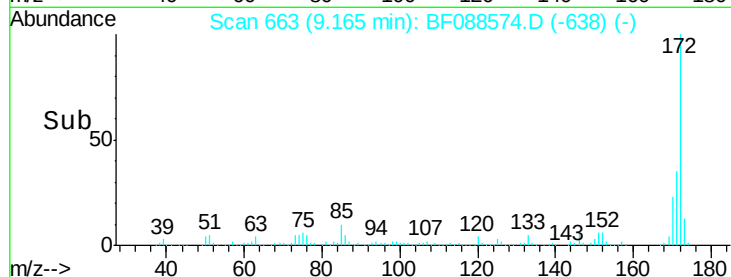
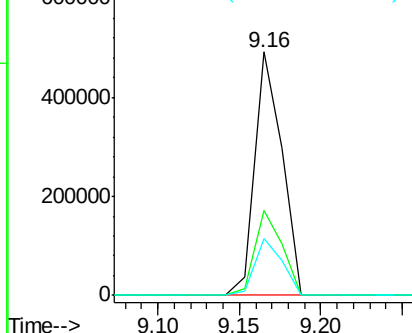
#44
2-Fluorobiphenyl
Concen: 38.28 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF088574.D
Acq: 1 Jul 2016 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 568441
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.5 19.2 28.8

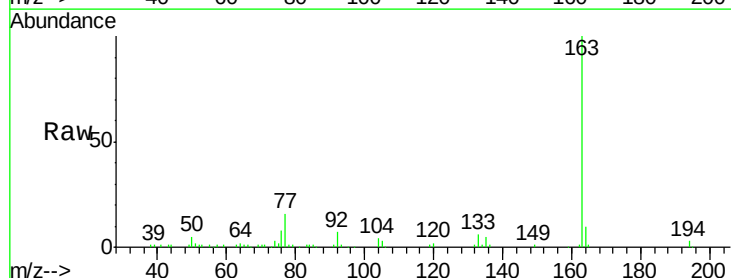


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

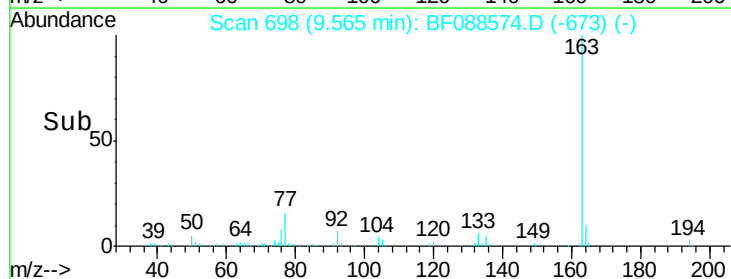
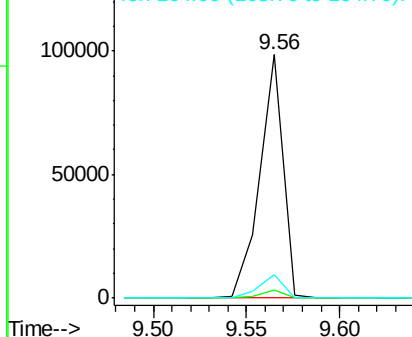


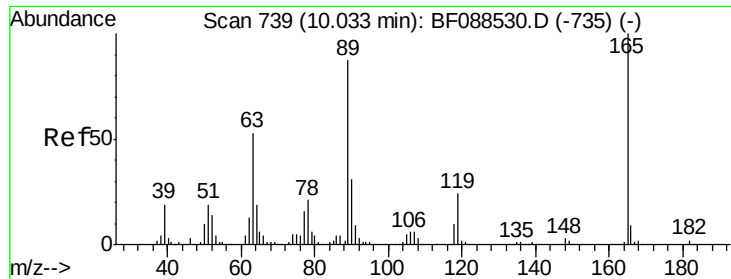
#49
Dimethylphthalate
Concen: 5.16 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088574.D
Acq: 1 Jul 2016 14:51

Tgt Ion:163 Resp: 86253
Ion Ratio Lower Upper
163 100
194 3.4 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: 6.27 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.19 min

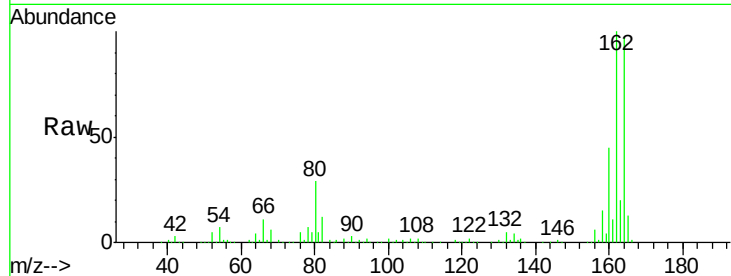
Lab File: BF088574.D

Acq: 1 Jul 2016 14:51

Instrument :

BNA_F

ClientSampled :



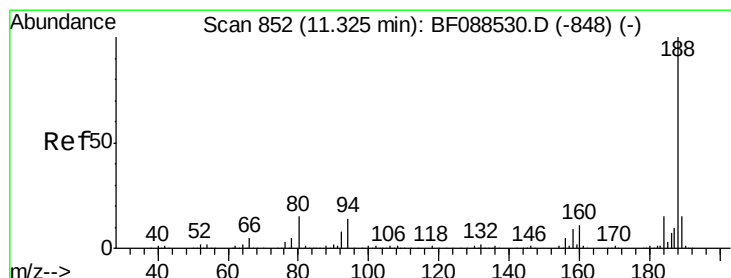
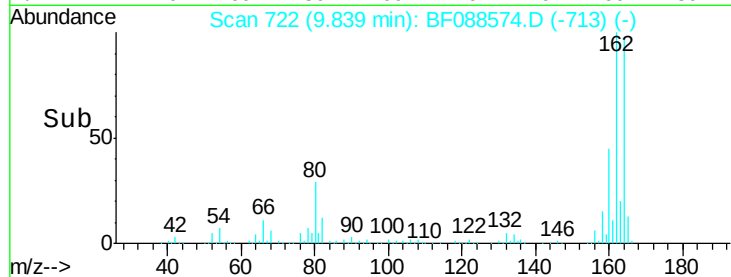
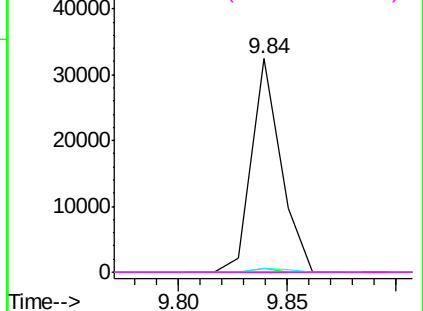
Tot Ion:	165	Resp:	30374
Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

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: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF088574.D

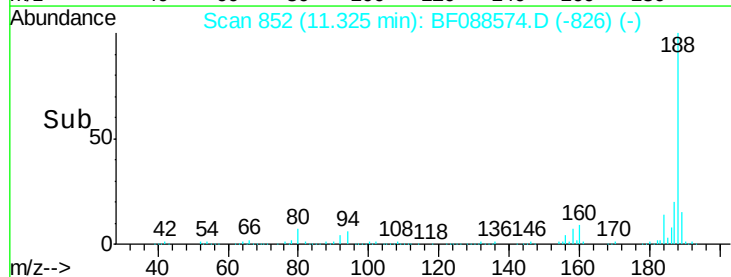
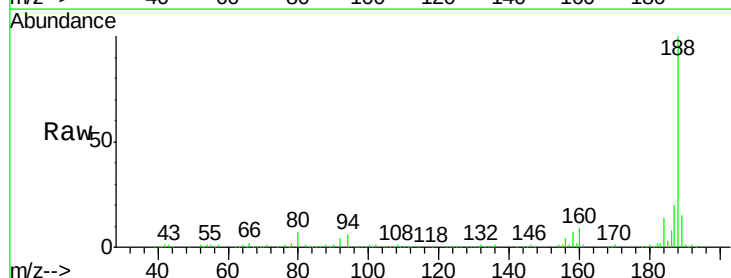
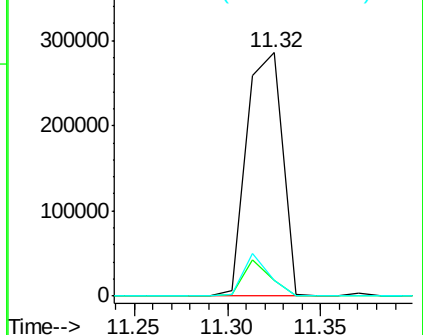
Acq: 1 Jul 2016 14:51

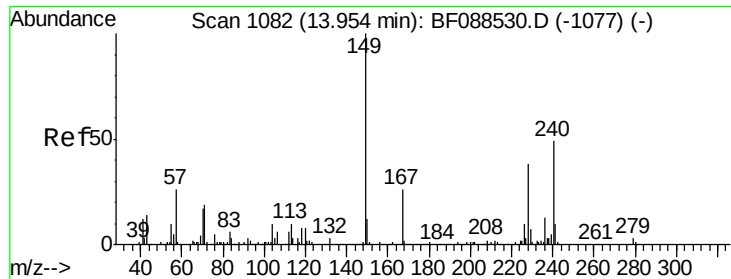
Tgt Ion:	188	Resp:	380176
Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.0	13.6#
80	6.5	10.0	15.0#

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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088574.D

Acq: 1 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

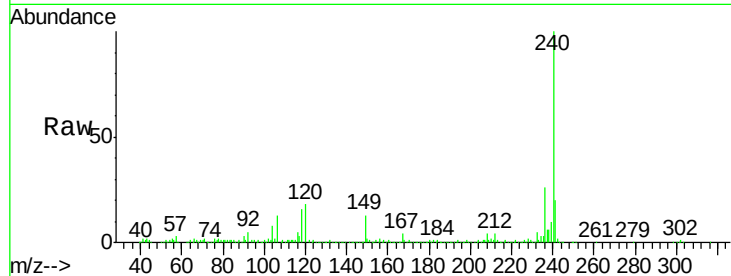
Tot Ion:240 Resp: 271896

Ion Ratio Lower Upper

240 100

120 17.7 6.8 10.2#

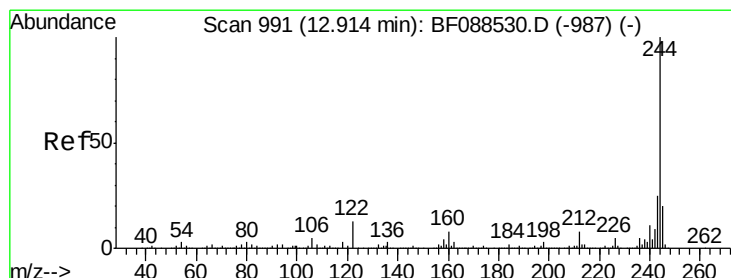
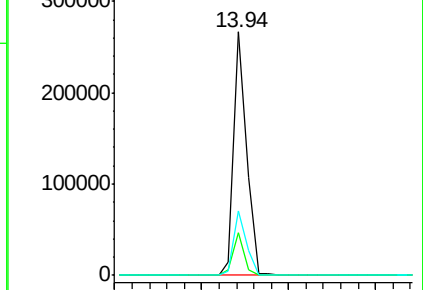
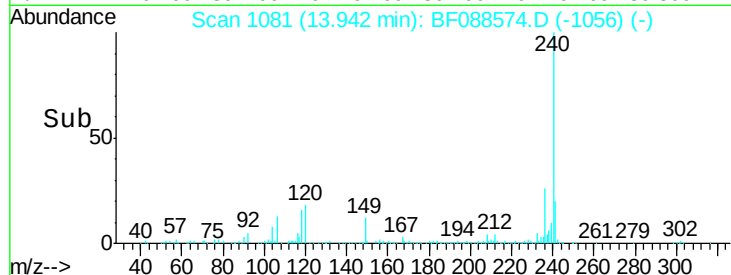
236 26.3 20.2 30.2



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: 31.67 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088574.D

Acq: 1 Jul 2016 14:51

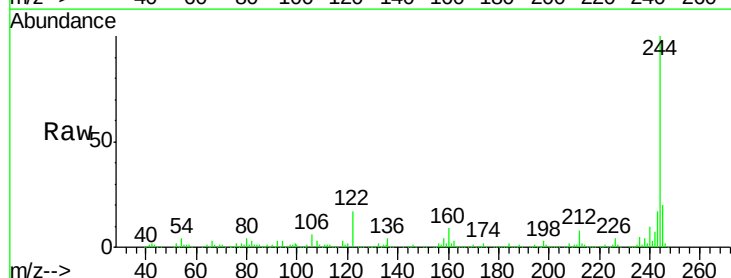
Tgt Ion:244 Resp: 386602

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

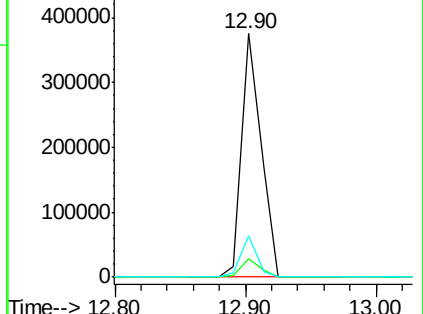
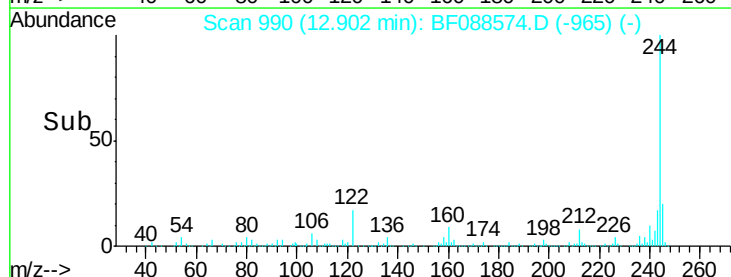
122 16.8 11.2 16.8#

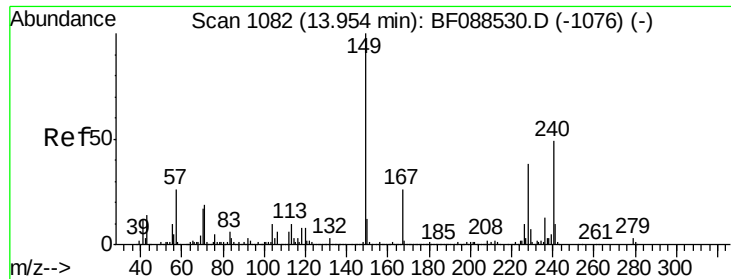


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.49 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088574.D

Acq: 1 Jul 2016 14:51

Instrument :

BNA_F

ClientSampleId :

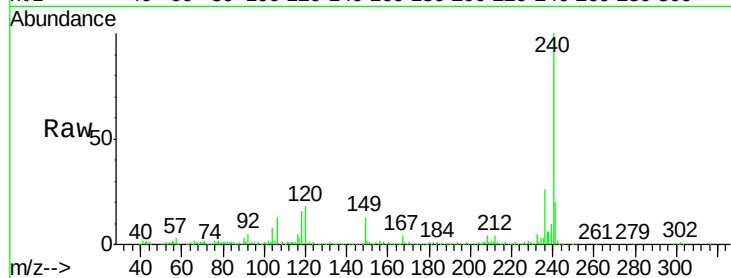
Tot Ion:149 Resp: 52713

Ion Ratio Lower Upper

149 100

167 27.8 20.5 30.7

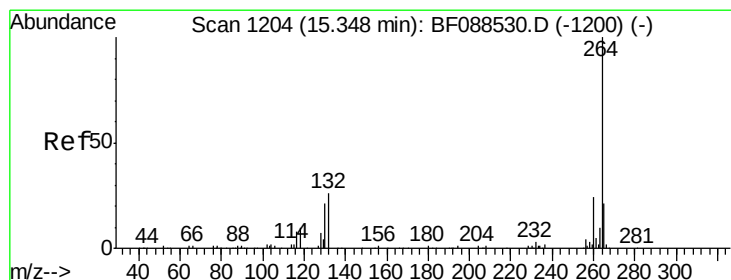
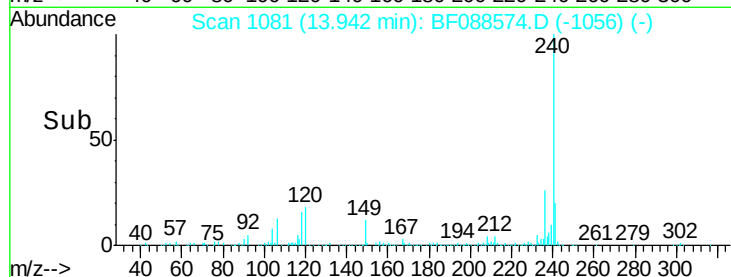
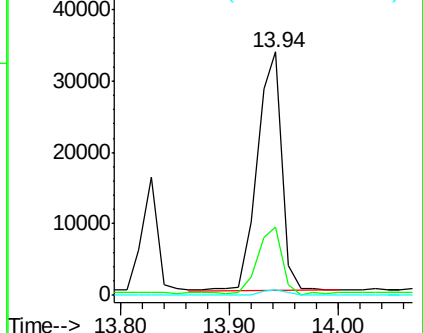
279 2.4 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF088574.D

Acq: 1 Jul 2016 14:51

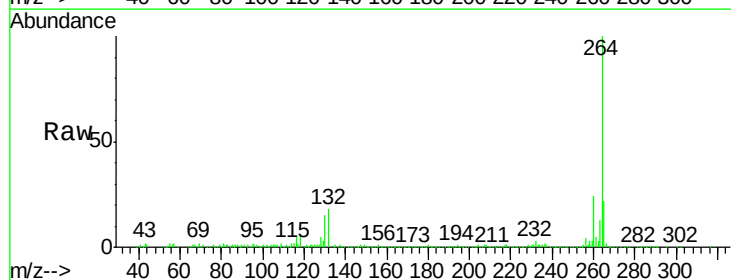
Tgt Ion:264 Resp: 263657

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.2 16.9 25.3



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

