

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF070116\
 Data File : BF088567.D
 Acq On : 1 Jul 2016 11:28
 Operator : UM/SJ
 Sample : H3808-25
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Quant Time: Jul 01 13:33:54 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

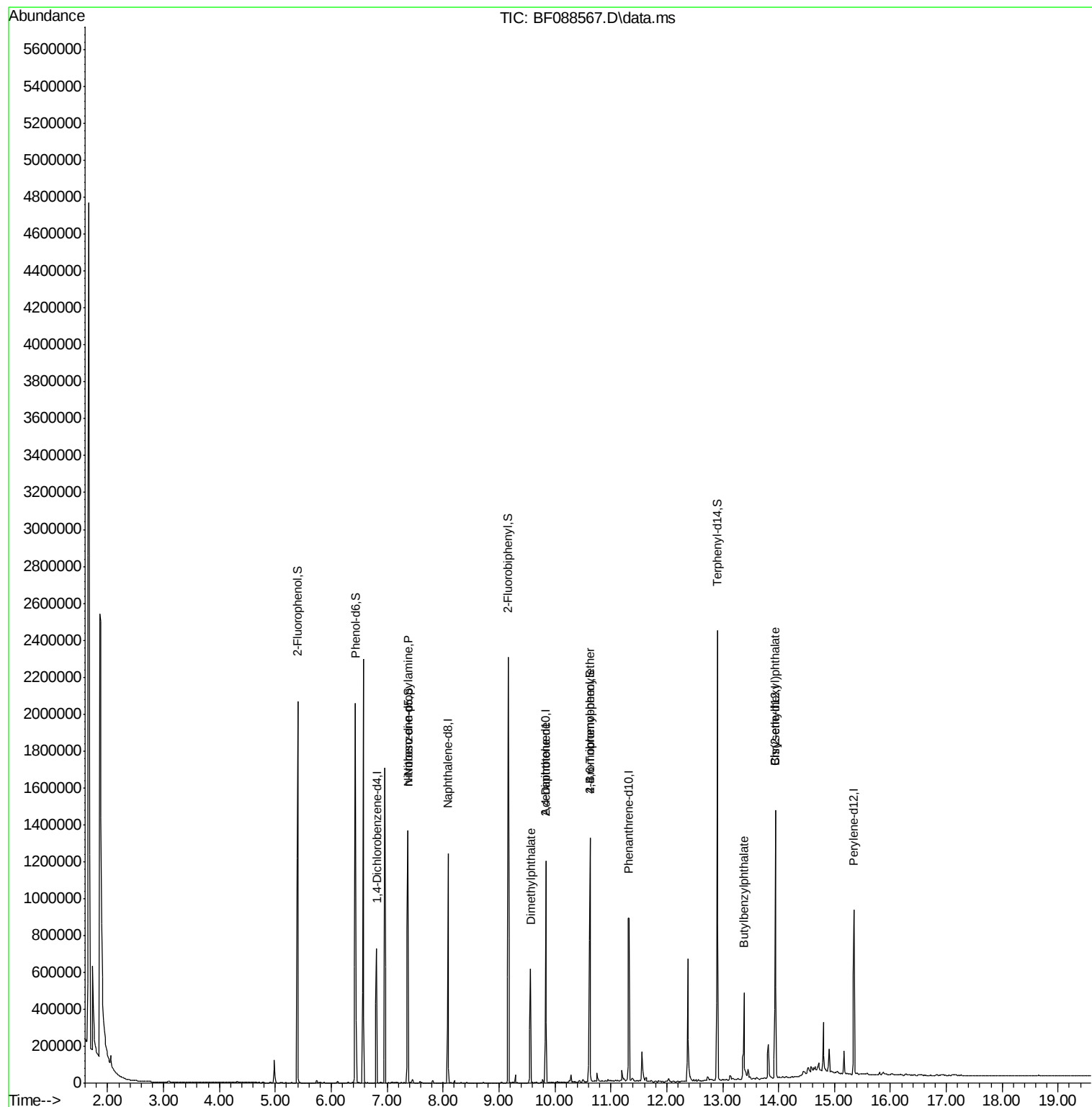
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	132983	20.00	ng	0.00
21) Naphthalene-d8	8.090	136	538154	20.00	ng	-0.01
38) Acenaphthene-d10	9.839	164	244705	20.00	ng	-0.01
63) Phenanthrene-d10	11.325	188	498449	20.00	ng	0.00
75) Chrysene-d12	13.942	240	415565	20.00	ng	-0.01
86) Perylene-d12	15.348	264	397878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	669974	75.51	ng	0.00
7) Phenol-d6	6.433	99	749678	65.39	ng	-0.01
23) Nitrobenzene-d5	7.370	82	560247	54.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.628	330	179473	78.98	ng	-0.01
44) 2-Fluorobiphenyl	9.165	172	844021	54.48	ng	-0.01
78) Terphenyl-d14	12.902	244	810117	43.42	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.370	70	73992	9.61	ng	Qvalue # 70
49) Dimethylphthalate	9.565	163	293298	16.82	ng	99
56) 2,4-Dinitrotoluene	9.839	165	31092	6.15	ng	# 38
66) 4-Bromophenyl-phenylether	10.628	248	11977	2.38	ng	# 1
79) Butylbenzylphthalate	13.382	149	99706	6.34	ng	93
83) Bis(2-ethylhexyl)phtha...	13.942	149	172795	9.63	ng	99

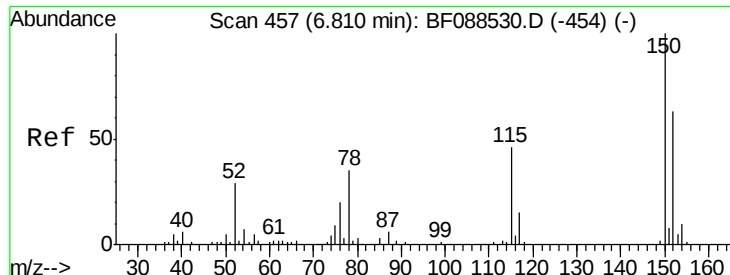
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.810 min Scan# 45

Delta R.T. -0.000 min

Lab File: BF088567.D

Acq: 1 Jul 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

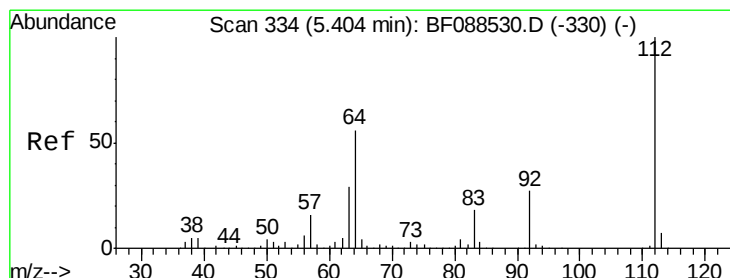
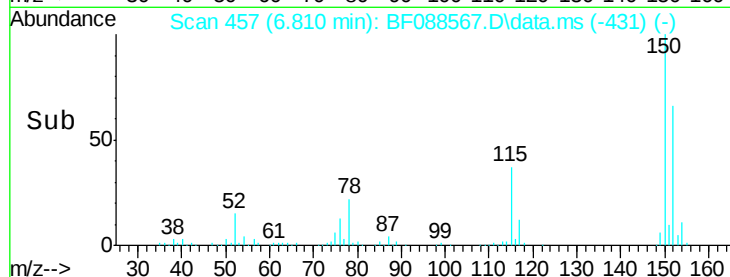
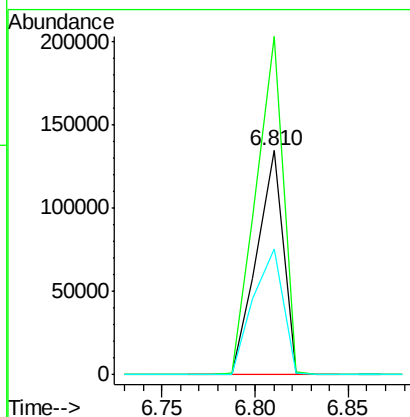
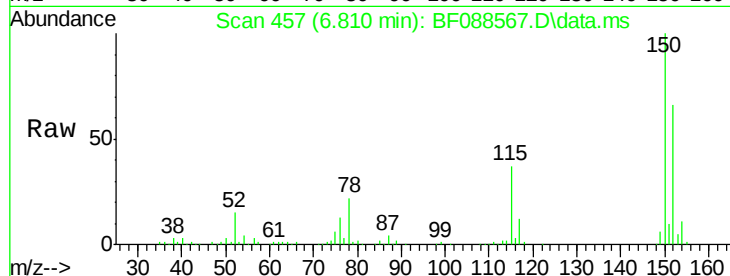
Tot Ion:152 Resp: 132983

Ion Ratio Lower Upper

152 100

150 151.0 123.8 185.6

115 56.3 39.6 59.4



#5

2-Fluorophenol

Concen: 75.51 ng

RT: 5.404 min Scan# 334

Delta R.T. 0.000 min

Lab File: BF088567.D

Acq: 1 Jul 2016 11:28

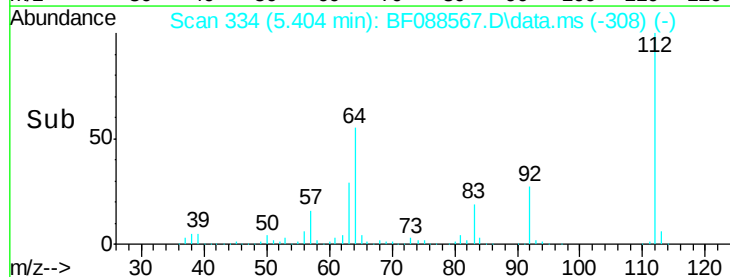
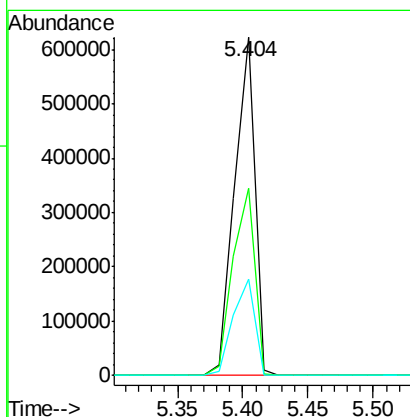
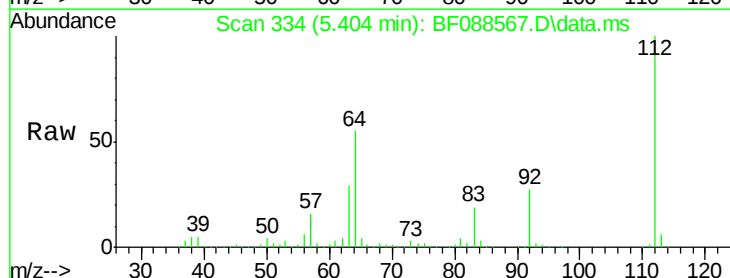
Tgt Ion:112 Resp: 669974

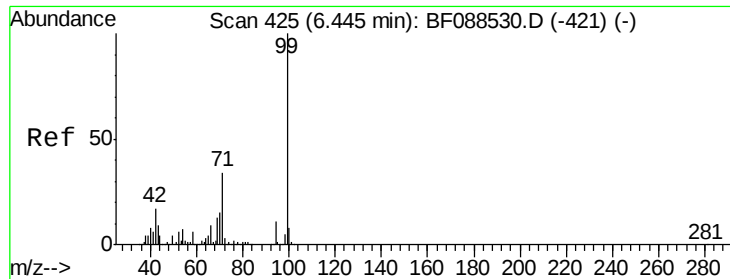
Ion Ratio Lower Upper

112 100

64 55.5 42.2 63.2

63 28.6 21.8 32.8





#7

Phenol-d6

Concen: 65.39 ng

RT: 6.433 min Scan# 42

Delta R.T. -0.012 min

Lab File: BF088567.D

Acq: 1 Jul 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

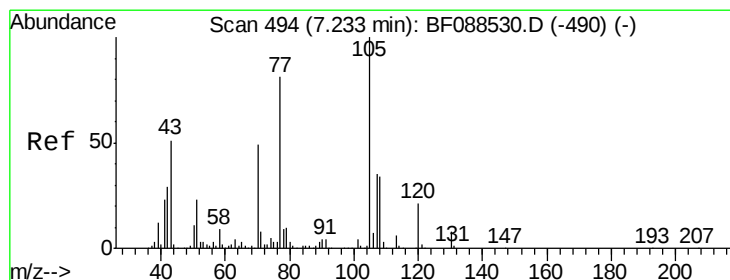
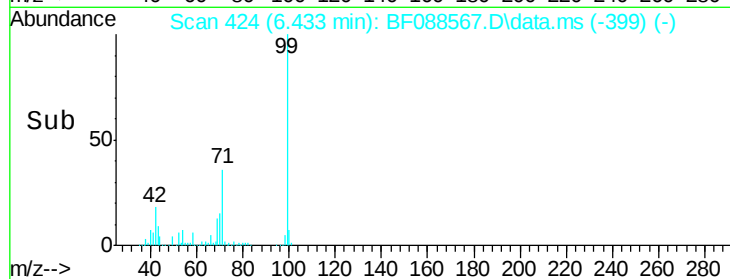
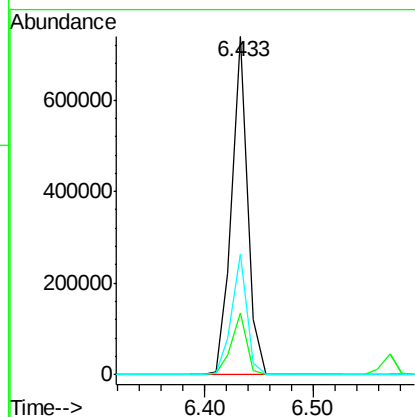
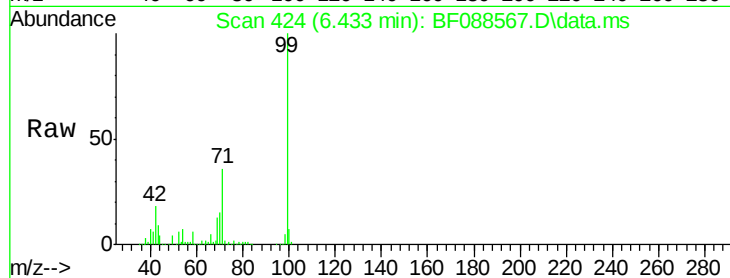
Tot Ion: 99 Resp: 749678

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

71 35.7 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 9.61 ng

RT: 7.370 min Scan# 506

Delta R.T. 0.137 min

Lab File: BF088567.D

Acq: 1 Jul 2016 11:28

Tgt Ion: 70 Resp: 73992

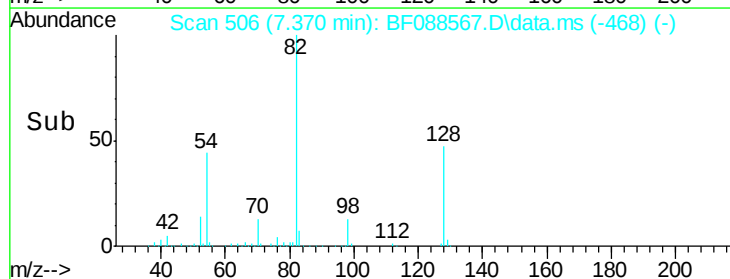
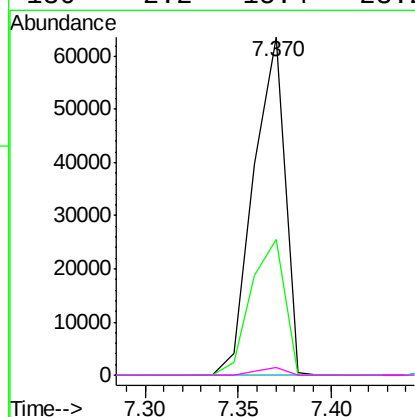
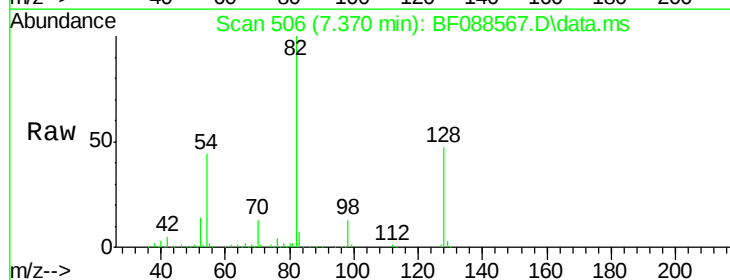
Ion Ratio Lower Upper

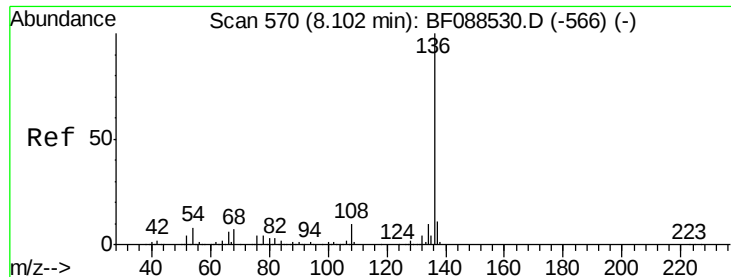
70 100

42 40.2 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: 8.090 min Scan# 56

Delta R.T. -0.012 min

Lab File: BF088567.D

Acq: 1 Jul 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

Tot Ion:136 Resp: 538154

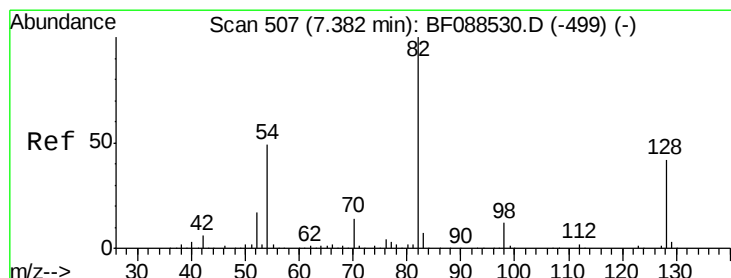
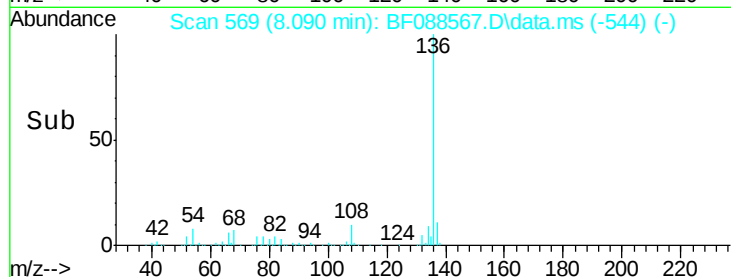
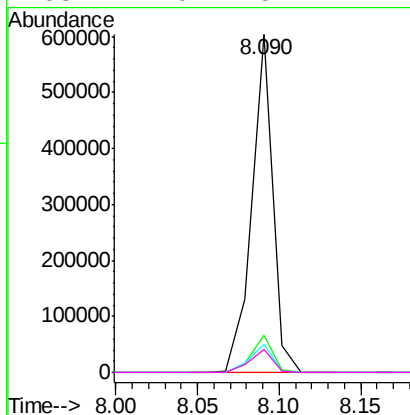
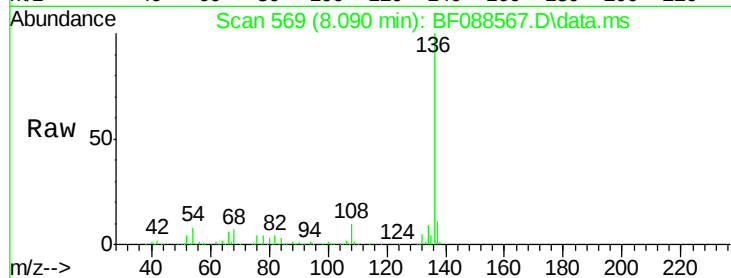
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.3 6.6 10.0

68 7.0 5.1 7.7



#23

Nitrobenzene-d5

Concen: 54.56 ng

RT: 7.370 min Scan# 506

Delta R.T. -0.012 min

Lab File: BF088567.D

Acq: 1 Jul 2016 11:28

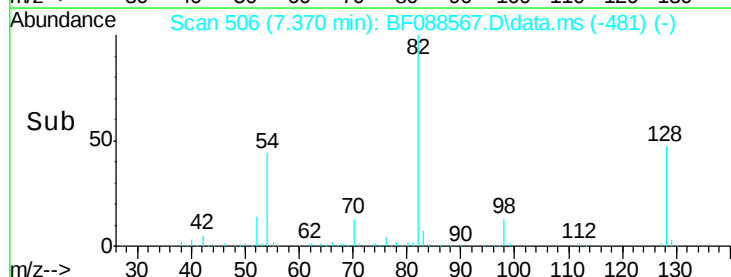
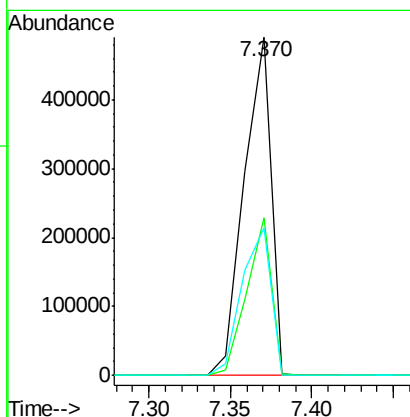
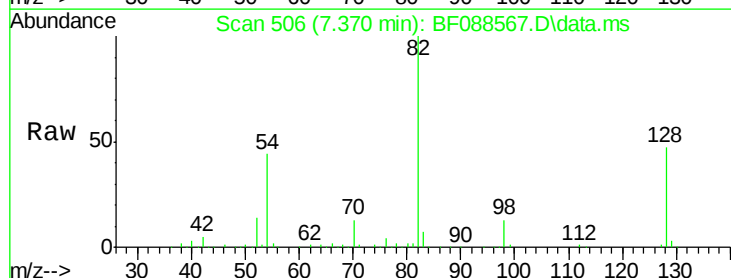
Tgt Ion: 82 Resp: 560247

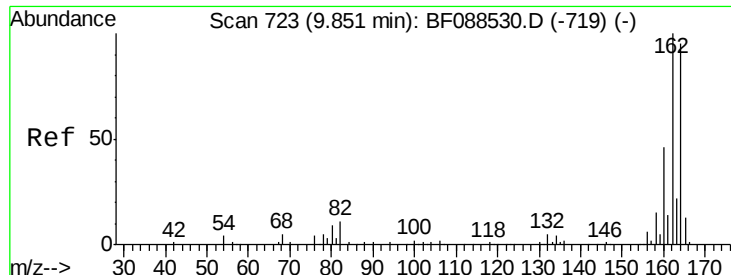
Ion Ratio Lower Upper

82 100

128 46.7 35.9 53.9

54 43.7 40.9 61.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.839 min Scan# 72

Delta R.T. -0.012 min

Lab File: BF088567.D

Acq: 1 Jul 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

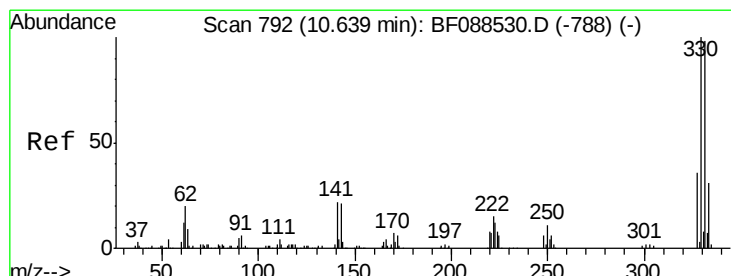
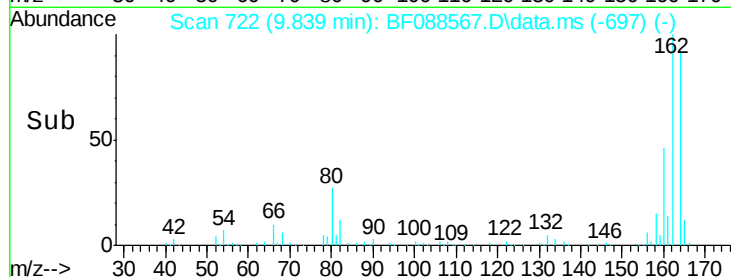
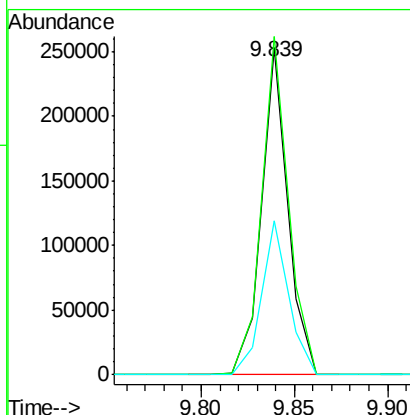
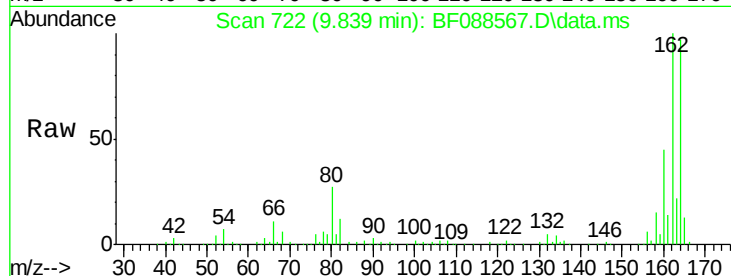
Tot Ion:164 Resp: 244705

Ion Ratio Lower Upper

164 100

162 103.4 85.4 128.2

160 47.0 39.5 59.3



#41

2,4,6-Tribromophenol

Concen: 78.98 ng

RT: 10.628 min Scan# 791

Delta R.T. -0.012 min

Lab File: BF088567.D

Acq: 1 Jul 2016 11:28

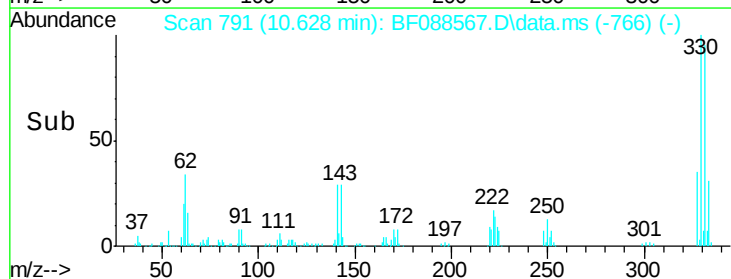
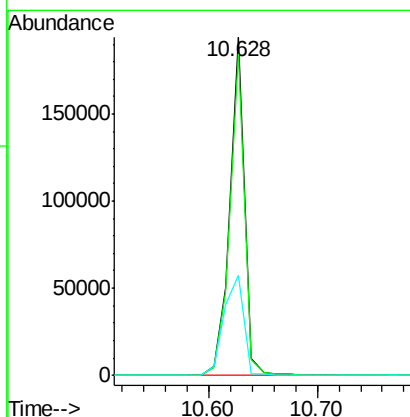
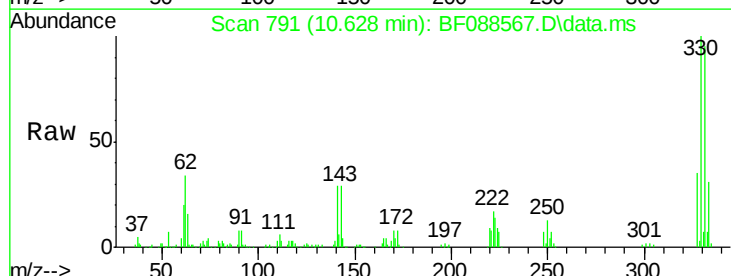
Tgt Ion:330 Resp: 179473

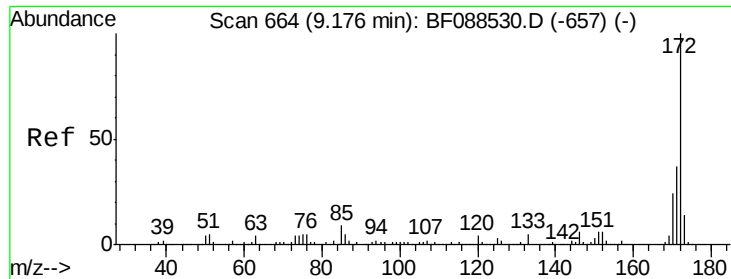
Ion Ratio Lower Upper

330 100

332 94.9 0.0 0.0#

141 39.7 0.0 0.0#

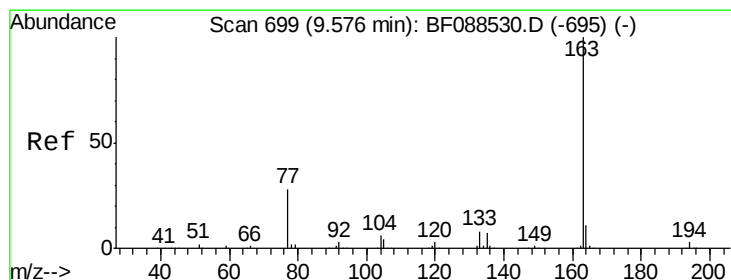
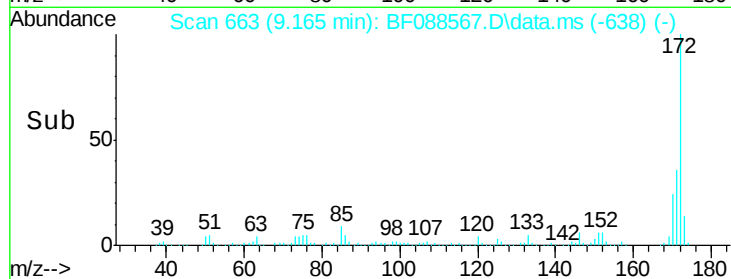
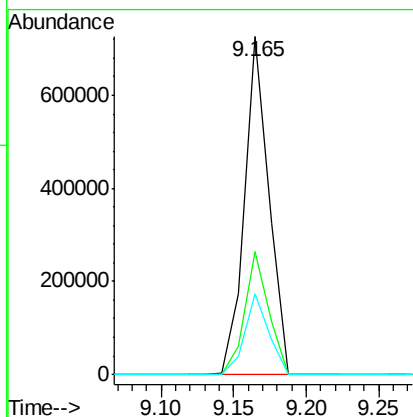
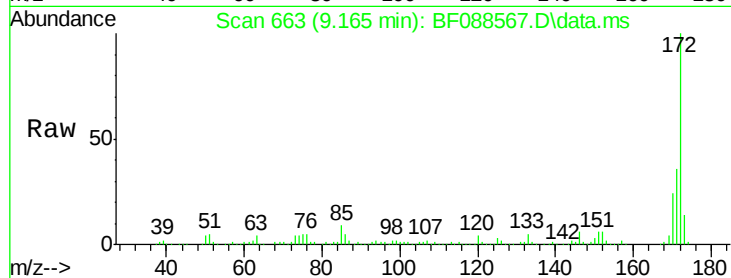




#44
2-Fluorobiphenyl
Concen: 54.48 ng
RT: 9.165 min Scan# 66
Delta R.T. -0.012 min
Lab File: BF088567.D
Acq: 1 Jul 2016 11:28

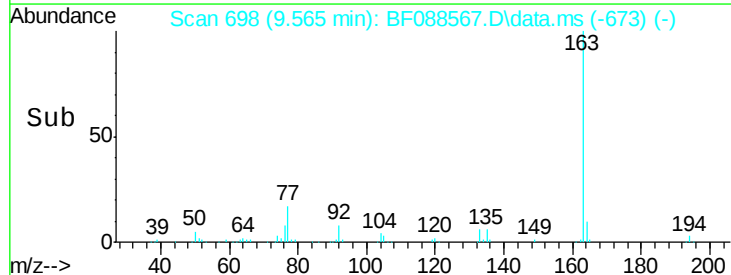
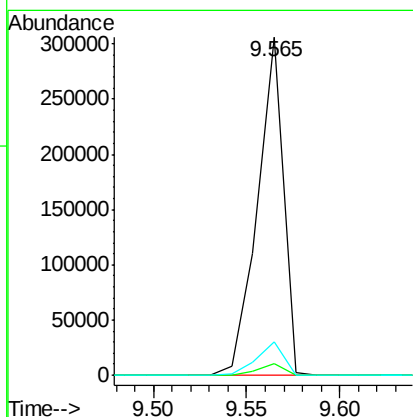
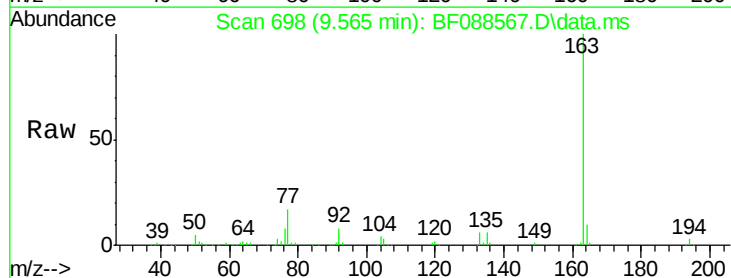
Instrument :
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SB-13-COMP

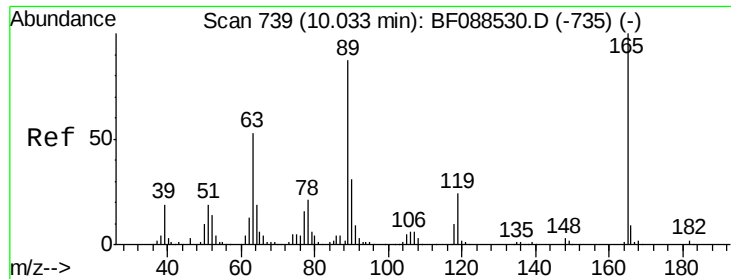
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.0	19.2	28.8



#49
Dimethylphthalate
Concen: 16.82 ng
RT: 9.565 min Scan# 698
Delta R.T. -0.012 min
Lab File: BF088567.D
Acq: 1 Jul 2016 11:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.3	12.5

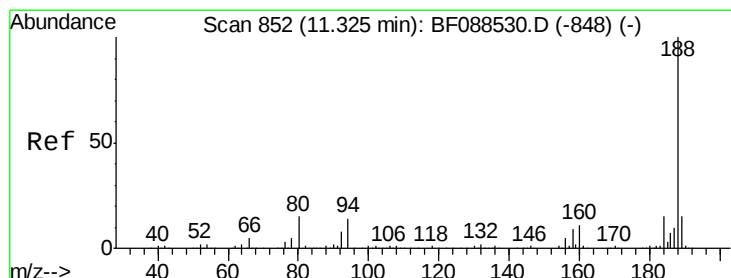
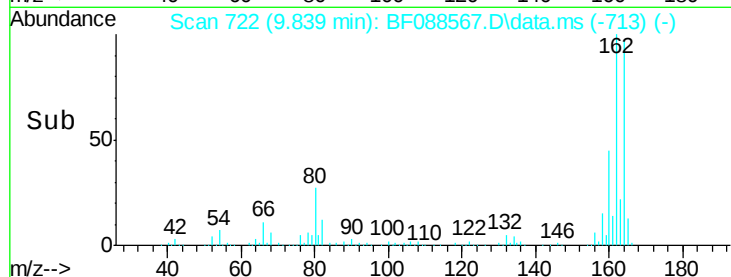
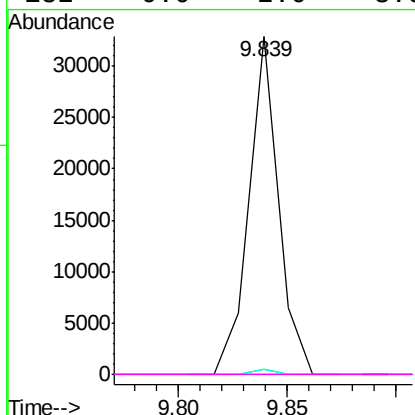
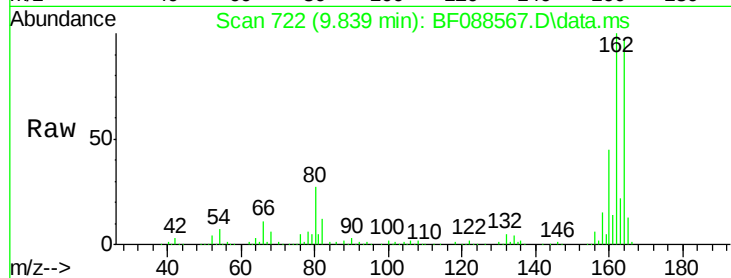




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.839 min Scan# 72
 Delta R.T. -0.194 min
 Lab File: BF088567.D
 Acq: 1 Jul 2016 11:28

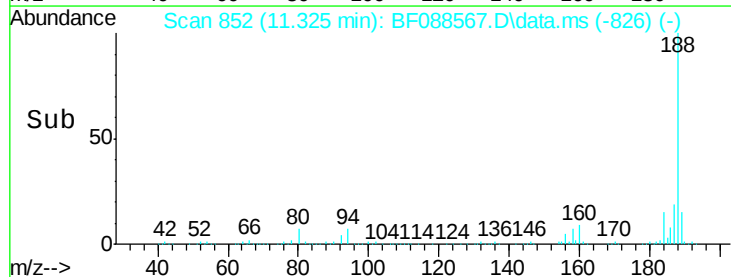
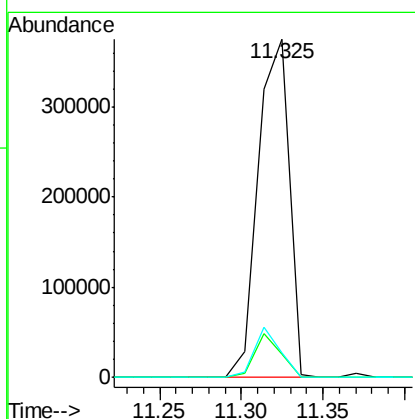
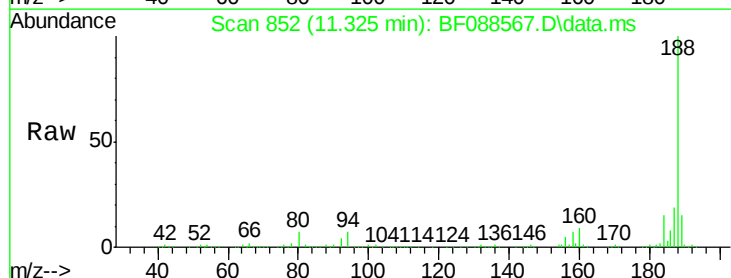
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

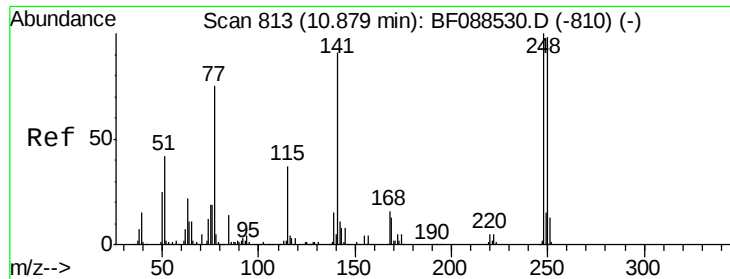
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.325 min Scan# 852
 Delta R.T. -0.000 min
 Lab File: BF088567.D
 Acq: 1 Jul 2016 11:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	9.0	13.6#
80	7.1	10.0	15.0#

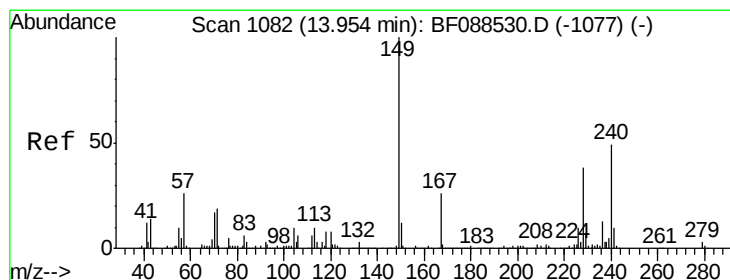
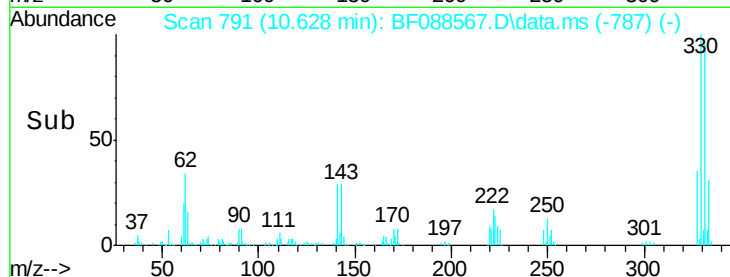
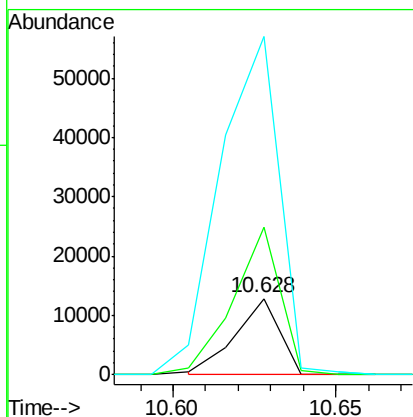
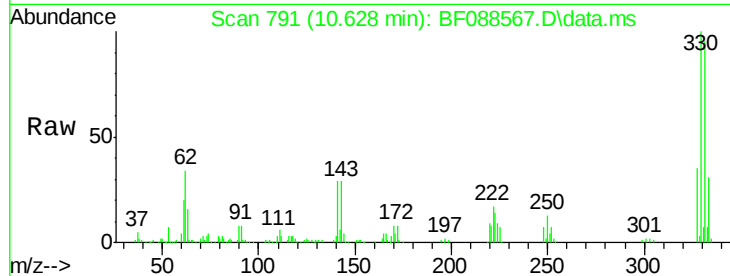




#66
4-Bromophenyl-phenylether
Concen: 2.38 ng
RT: 10.628 min Scan# 79
Delta R.T. -0.252 min
Lab File: BF088567.D
Acq: 1 Jul 2016 11:28

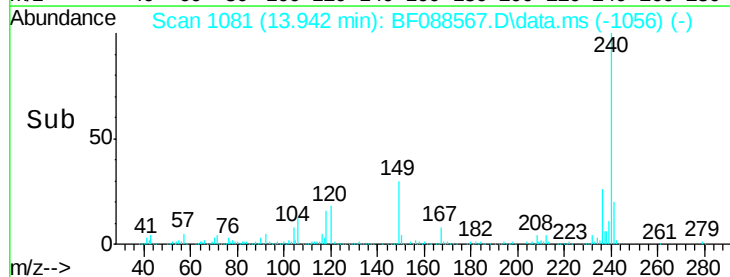
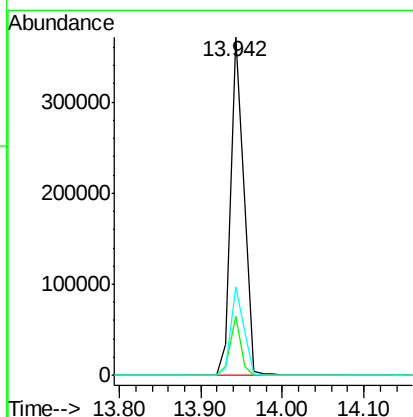
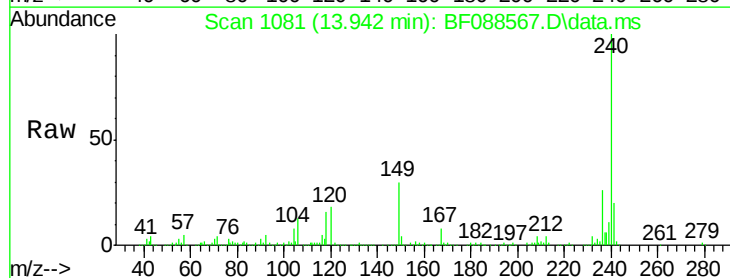
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

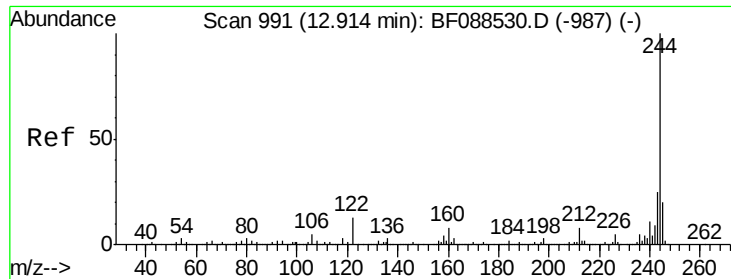
Tot Ion:248 Resp: 11977
Ion Ratio Lower Upper
248 100
250 194.1 77.1 115.7#
141 444.8 50.6 76.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.942 min Scan# 1081
Delta R.T. -0.012 min
Lab File: BF088567.D
Acq: 1 Jul 2016 11:28

Tgt Ion:240 Resp: 415565
Ion Ratio Lower Upper
240 100
120 17.6 6.8 10.2#
236 26.2 20.2 30.2





#78

Terphenyl-d14

Concen: 43.42 ng

RT: 12.902 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF088567.D

Acq: 1 Jul 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

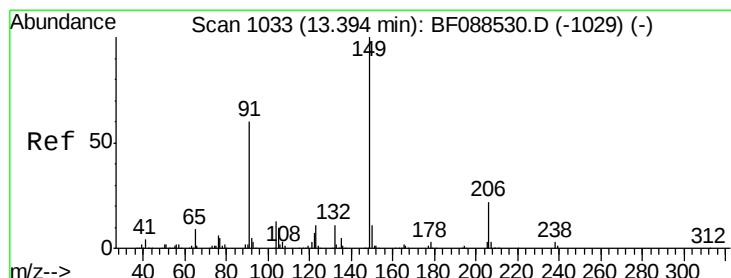
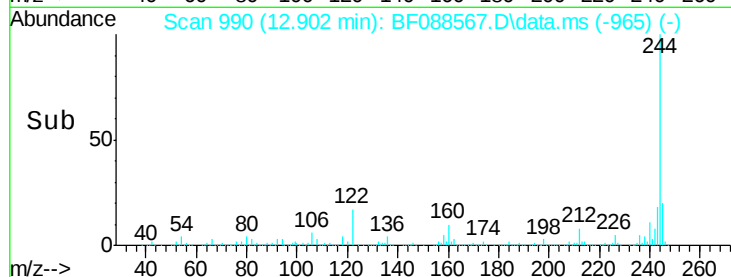
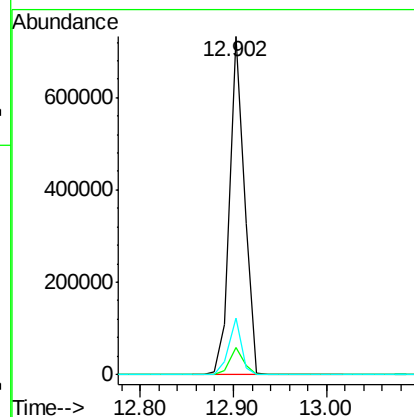
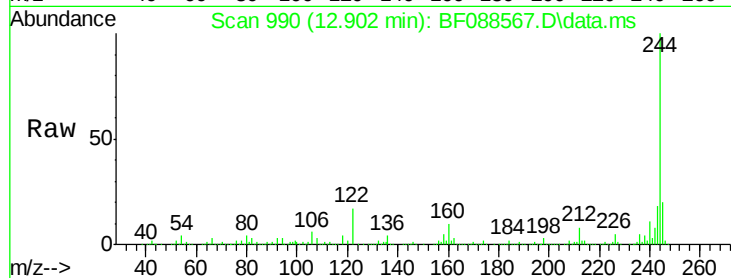
Tot Ion:244 Resp: 810117

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

122 16.7 11.2 16.8



#79

Butylbenzylphthalate

Concen: 6.34 ng

RT: 13.382 min Scan# 1032

Delta R.T. -0.012 min

Lab File: BF088567.D

Acq: 1 Jul 2016 11:28

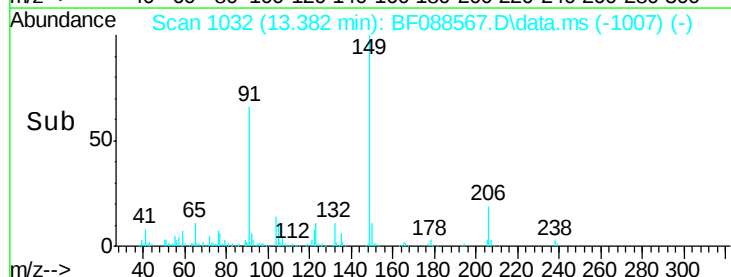
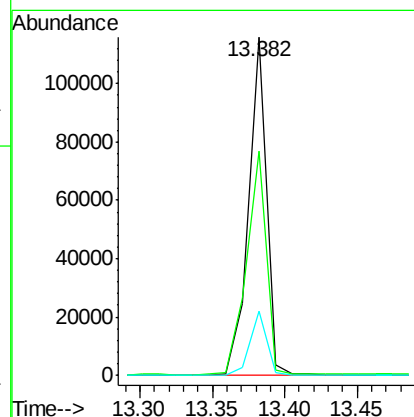
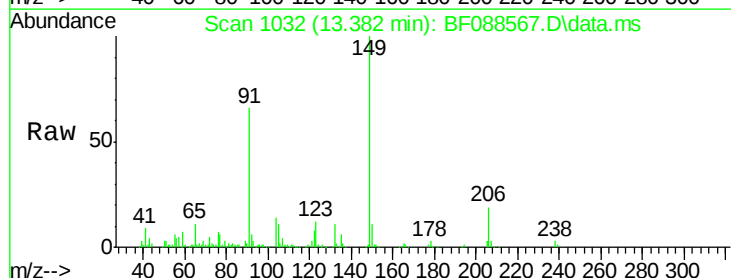
Tgt Ion:149 Resp: 99706

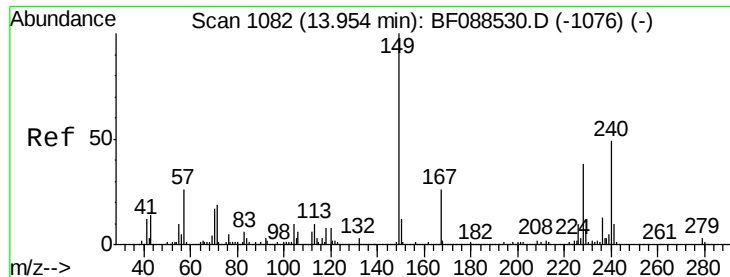
Ion Ratio Lower Upper

149 100

91 66.4 48.0 72.0

206 19.1 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.63 ng

RT: 13.942 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF088567.D

Acq: 1 Jul 2016 11:28

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

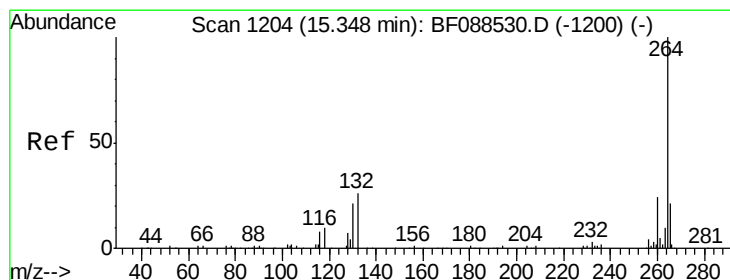
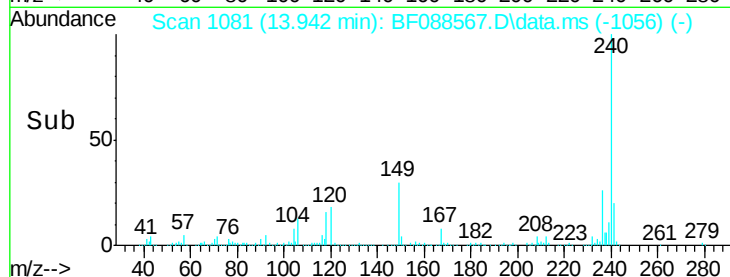
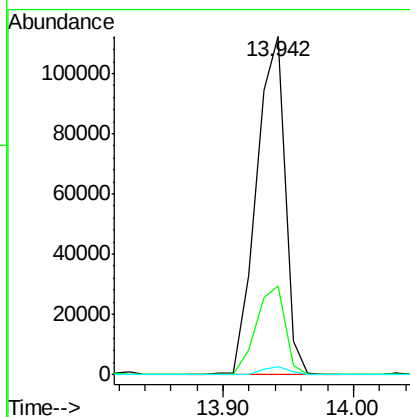
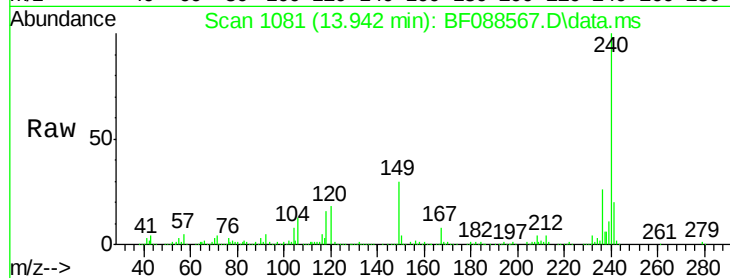
Tot Ion:149 Resp: 172795

Ion Ratio Lower Upper

149 100

167 26.3 20.5 30.7

279 2.3 2.0 3.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.348 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF088567.D

Acq: 1 Jul 2016 11:28

Tgt Ion:264 Resp: 397878

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.6 16.9 25.3

