

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
 Data File : BF087132.D
 Acq On : 18 May 2016 5:41
 Operator : UM/SJ
 Sample : H3104-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITES-SB-15-5.5-6.0

Quant Time: May 18 06:38:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

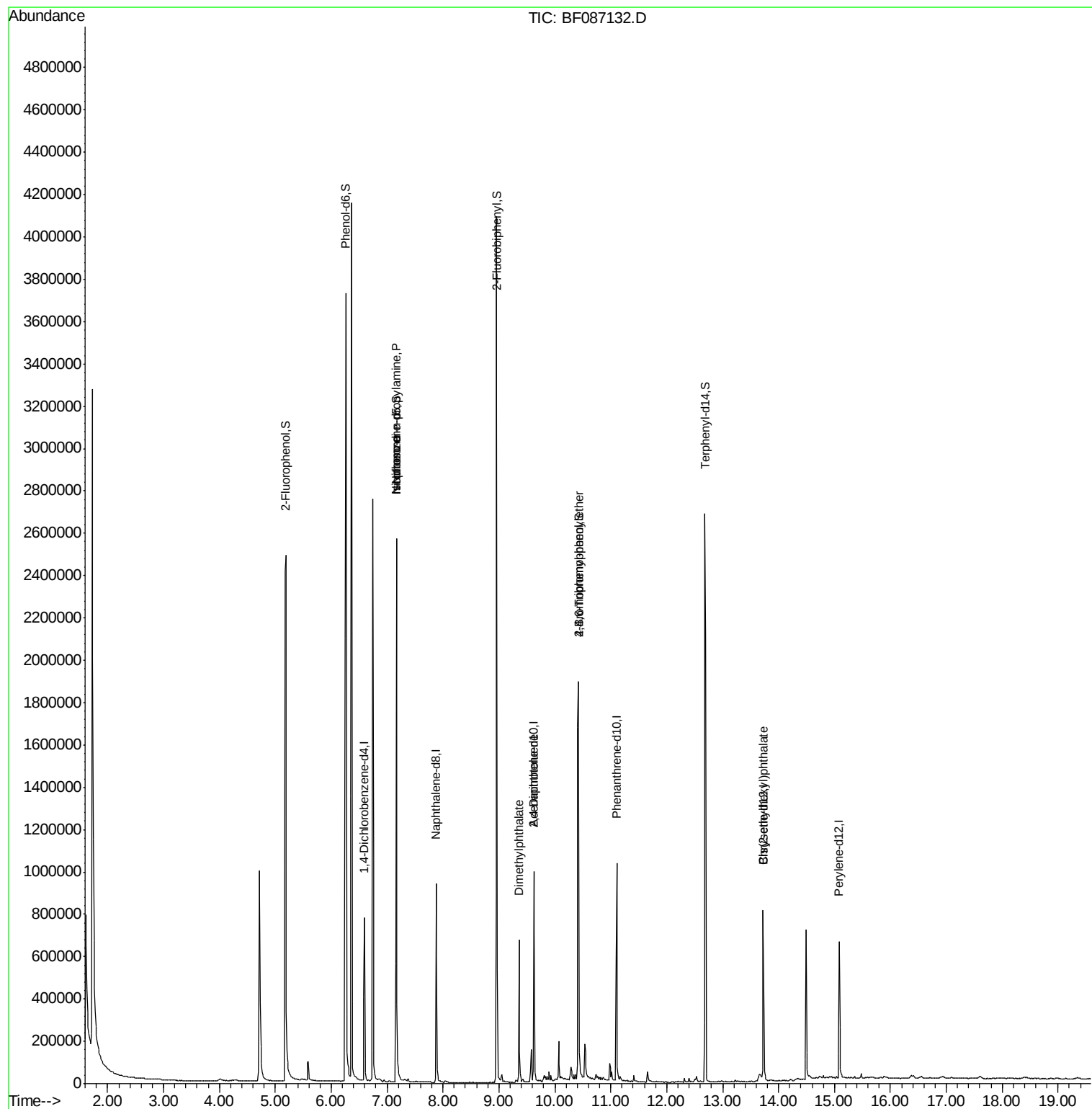
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	132776	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	530530	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	244350	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	452322	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	299069	20.00	ng	-0.03
86) Perylene-d12	15.09	264	264846	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	975882	123.54	ng	-0.01
7) Phenol-d6	6.26	99	1387919	131.00	ng	-0.02
23) Nitrobenzene-d5	7.16	82	799577	75.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	333738	123.60	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1212444	82.18	ng	-0.02
78) Terphenyl-d14	12.68	244	1137497	86.04	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	113014	14.03	ng	# 70
25) Isophorone	7.16	82	675245	34.65	ng	# 68
49) Dimethylphthalate	9.36	163	239934	12.87	ng	99
56) 2,4-Dinitrotoluene	9.62	165	30494	5.88	ng	# 16
66) 4-Bromophenyl-phenylether	10.42	248	19485	4.19	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.73	149	28827	2.60	ng	# 91

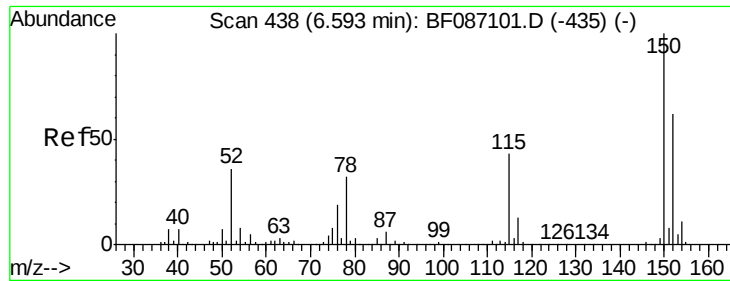
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087132.D

Acq: 18 May 2016 5:41

Instrument :

BNA_F

ClientSampleId :

COMPOSITES-SB-15-5.5-6.0

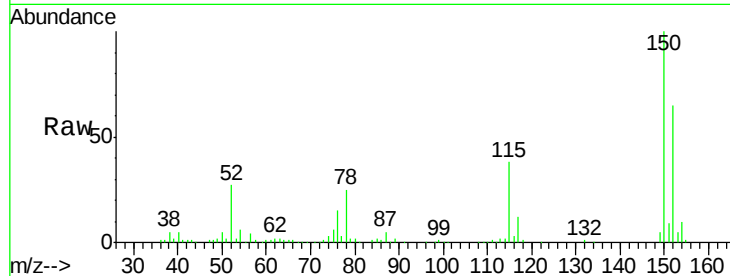
Tgt Ion:152 Resp: 132776

Ion Ratio Lower Upper

152 100

150 153.4 125.8 188.6

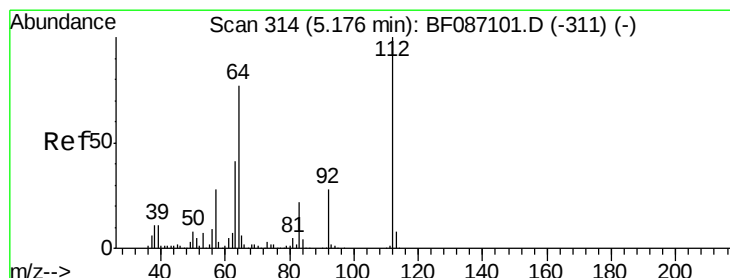
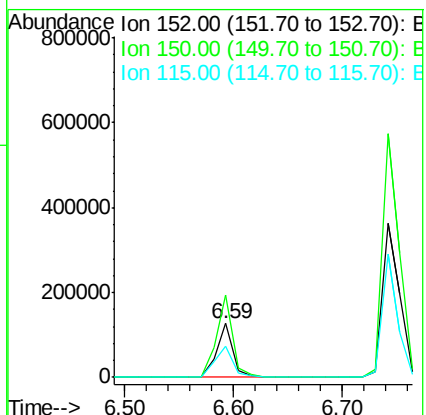
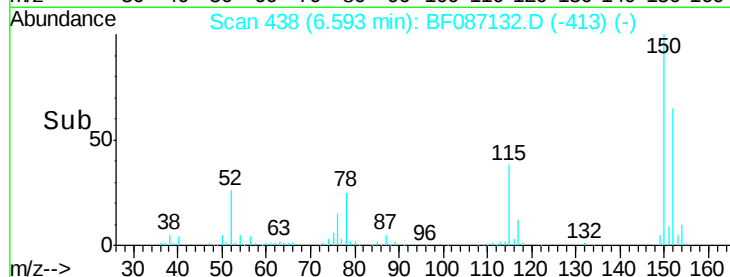
115 58.3 51.5 77.3



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: 123.54 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087132.D

Acq: 18 May 2016 5:41

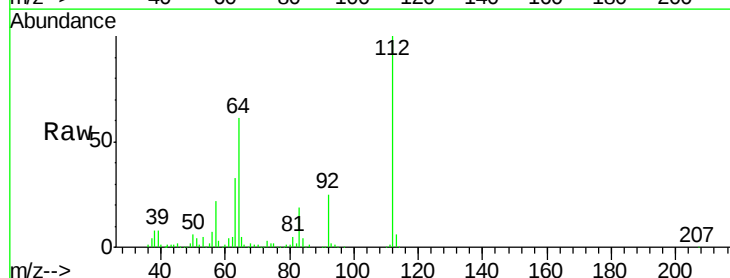
Tgt Ion:112 Resp: 975882

Ion Ratio Lower Upper

112 100

64 61.4 52.1 78.1

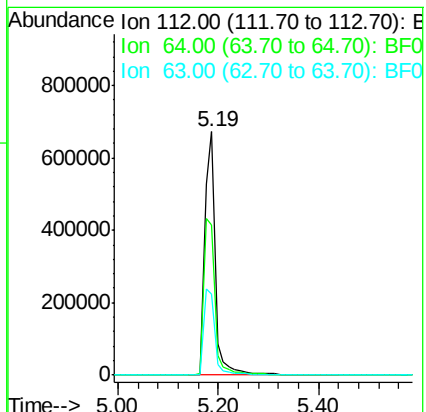
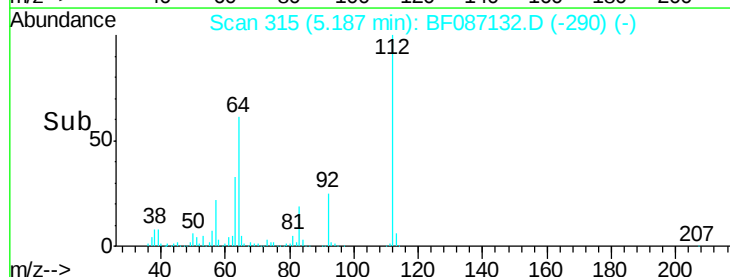
63 33.4 25.7 38.5



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: 131.00 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087132.D

Acq: 18 May 2016 5:41

Instrument :

BNA_F

ClientSampleId :

COMPOSITES-SB-15-5.5-6.0

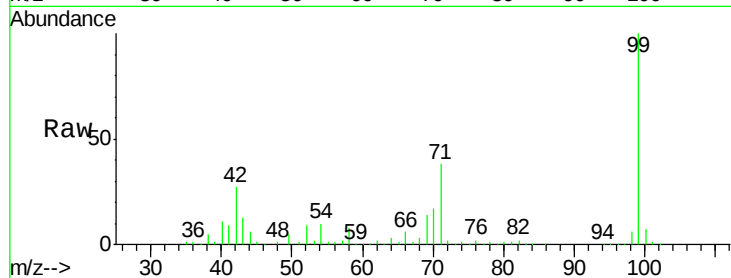
Tgt Ion: 99 Resp: 1387919

Ion Ratio Lower Upper

99 100

42 27.3 13.6 20.4#

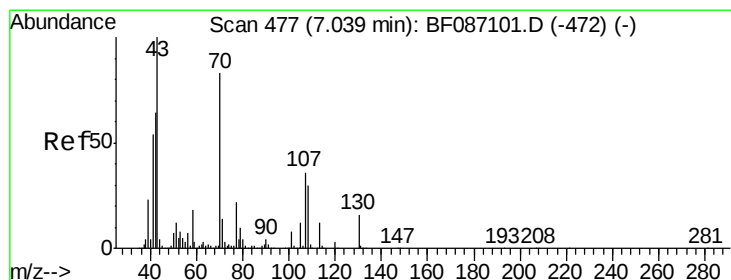
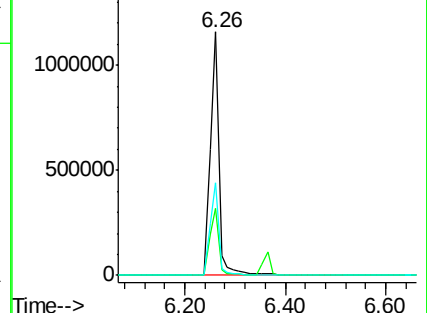
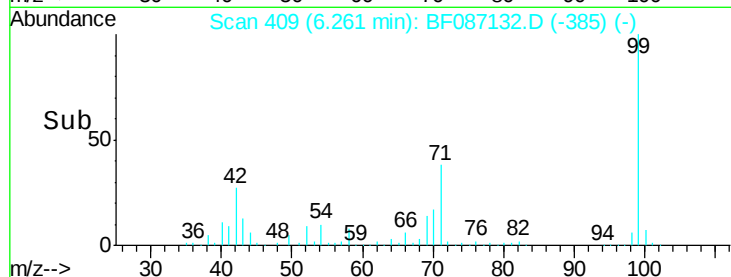
71 38.2 24.6 36.8#



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: 14.03 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.11 min

Lab File: BF087132.D

Acq: 18 May 2016 5:41

Tgt Ion: 70 Resp: 113014

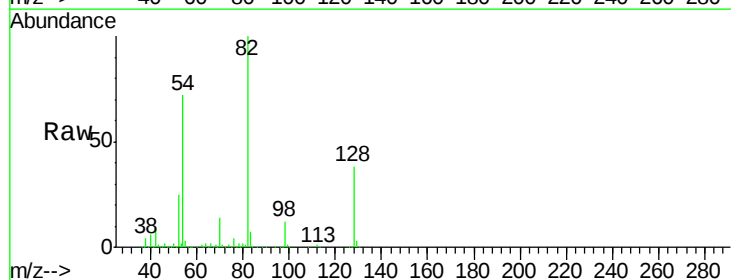
Ion Ratio Lower Upper

70 100

42 71.4 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

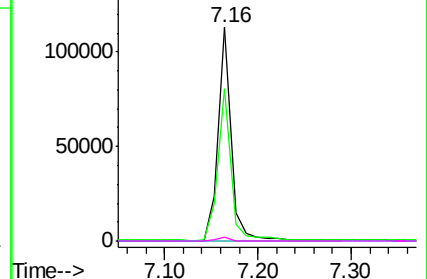
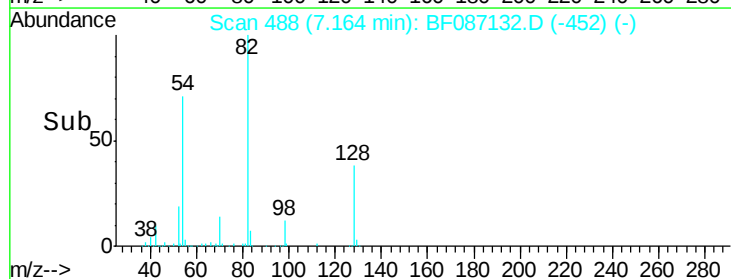


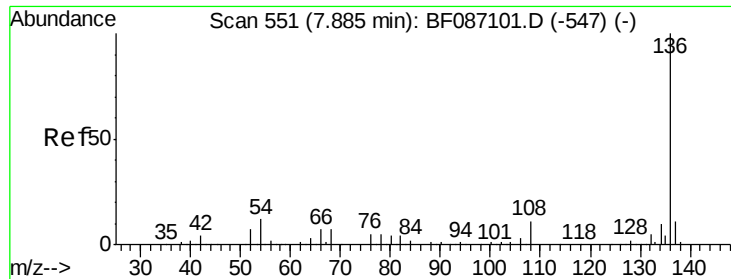
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

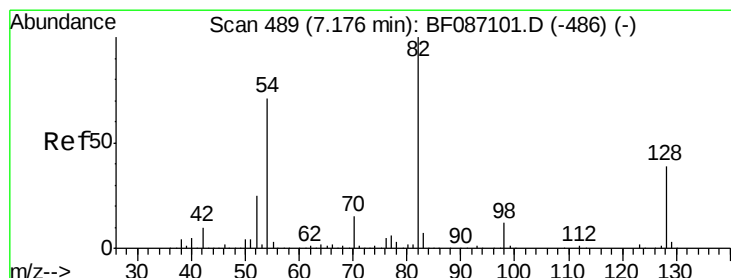
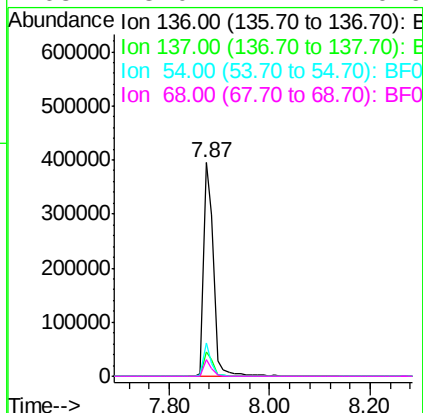
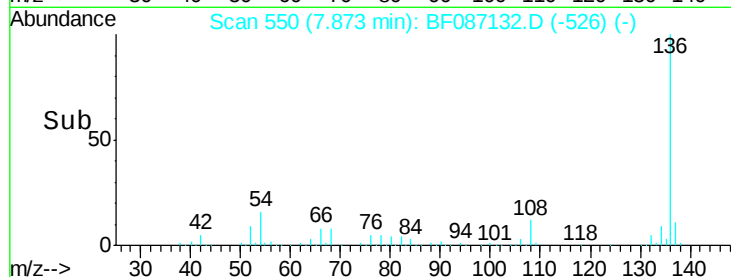
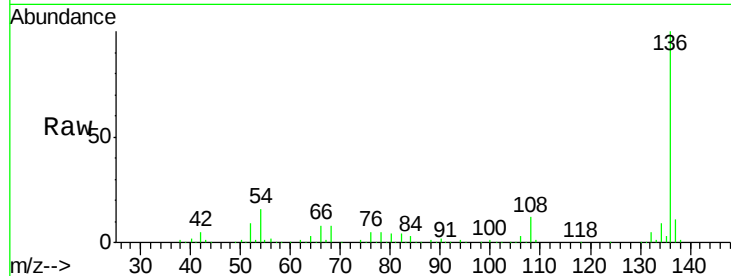




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF087132.D
Acq: 18 May 2016 5:41

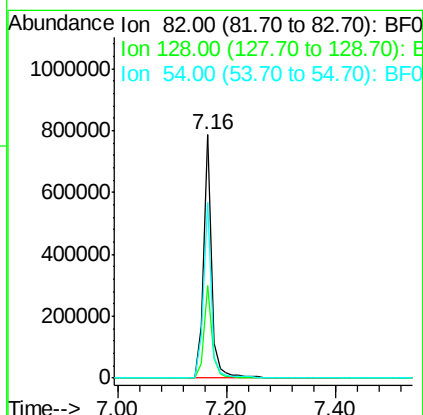
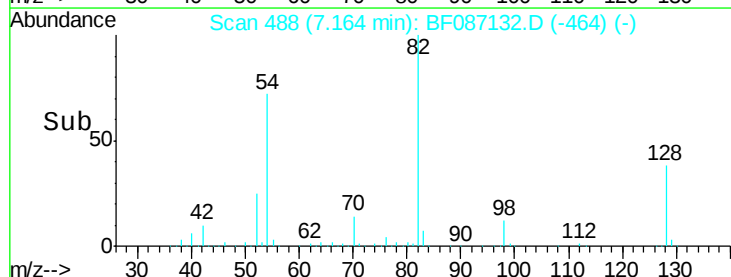
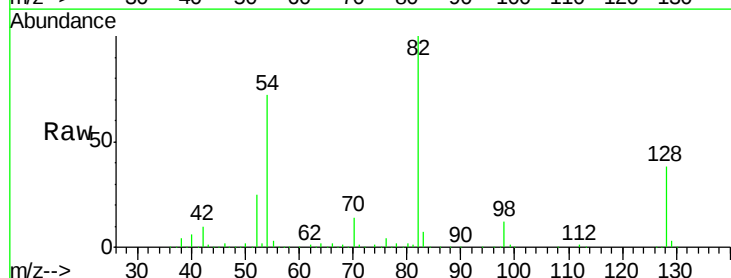
Instrument :
BNA_F
ClientSampleId :
COMPOSITES-SB-15-5.5-6.0

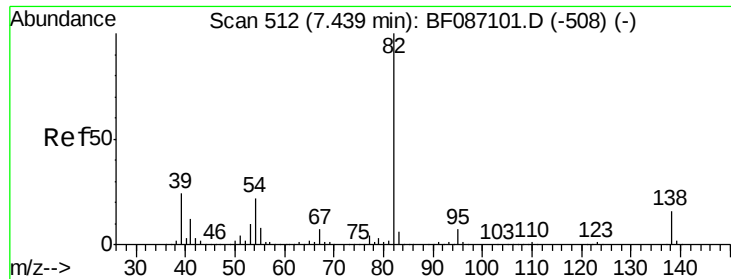
Tgt Ion:	136	Resp:	530530
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	15.7	5.0	7.4#
68	8.0	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 75.11 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF087132.D
Acq: 18 May 2016 5:41

Tgt Ion:	82	Resp:	799577
Ion	Ratio	Lower	Upper
82	100		
128	38.1	40.6	61.0#
54	72.2	38.1	57.1#





#25

Isophorone

Concen: 34.65 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.29 min

Lab File: BF087132.D

Acq: 18 May 2016 5:41

Instrument :

BNA_F

ClientSampleId :

COMPOSITES-SB-15-5.5-6.0

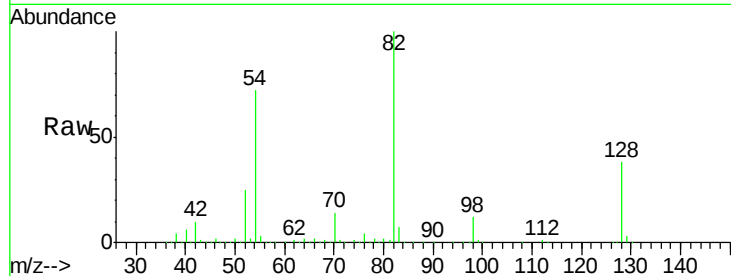
Tgt Ion: 82 Resp: 675245

Ion Ratio Lower Upper

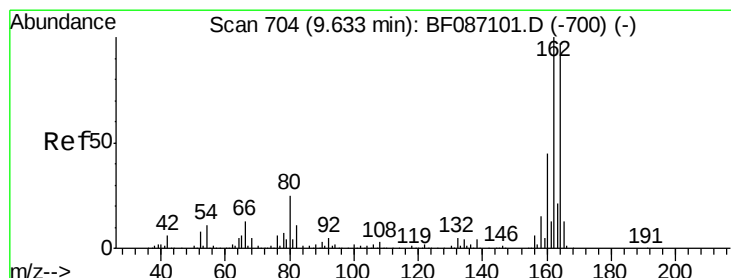
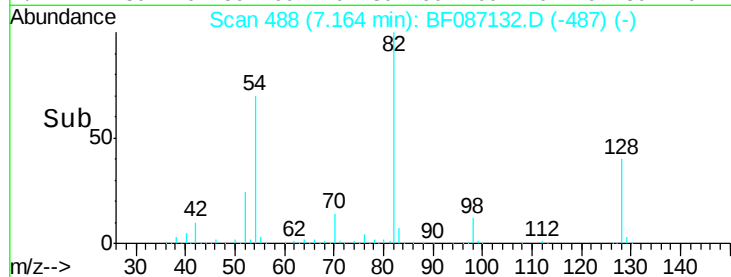
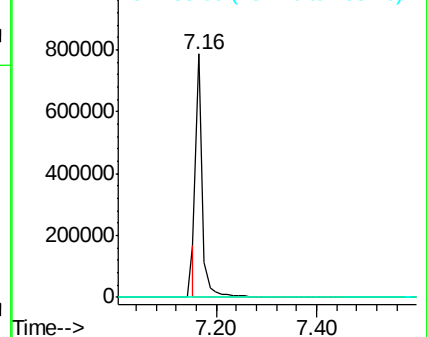
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF087132.D

Acq: 18 May 2016 5:41

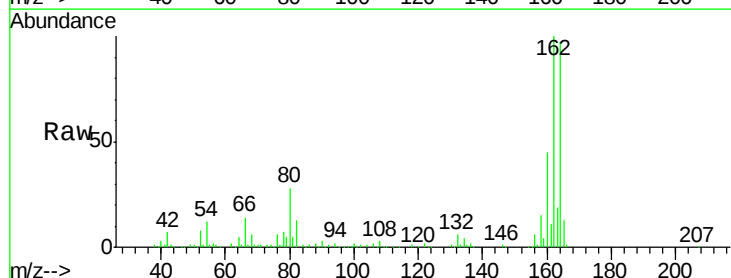
Tgt Ion: 164 Resp: 244350

Ion Ratio Lower Upper

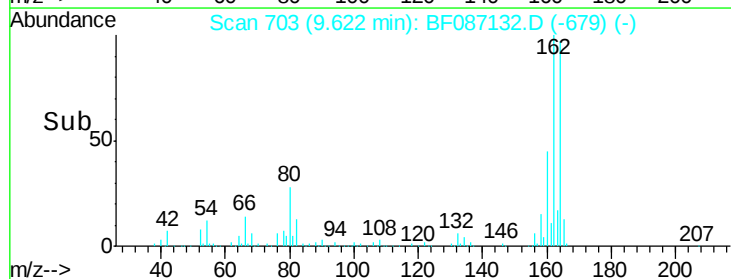
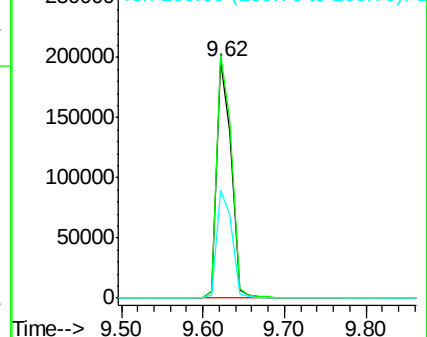
164 100

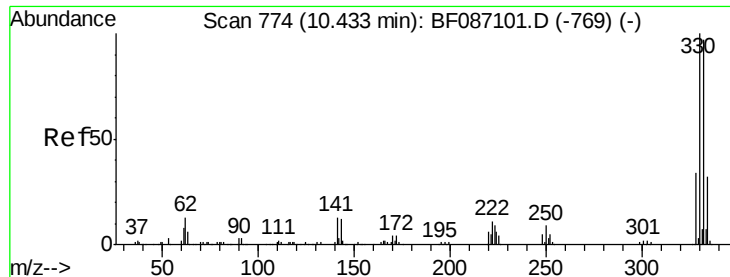
162 102.7 82.8 124.2

160 45.7 36.9 55.3



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

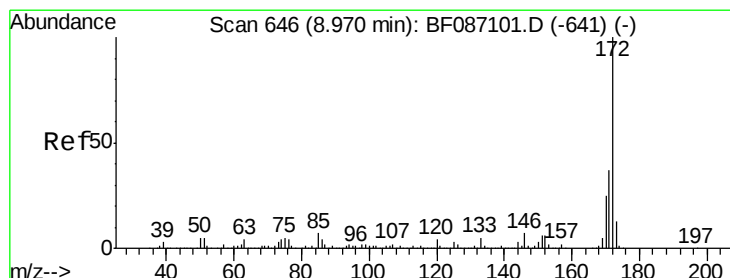
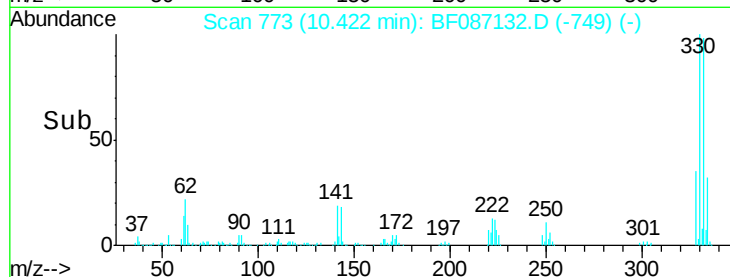
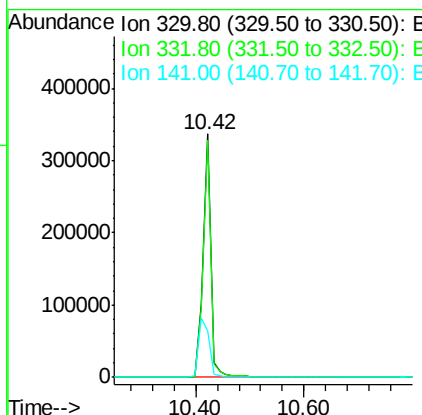
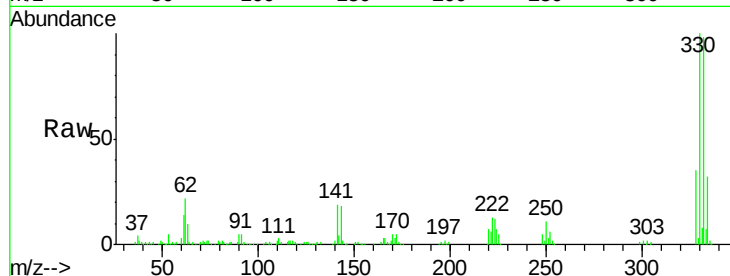




#41
 2,4,6-Tribromophenol
 Concen: 123.60 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087132.D
 Acq: 18 May 2016 5:41

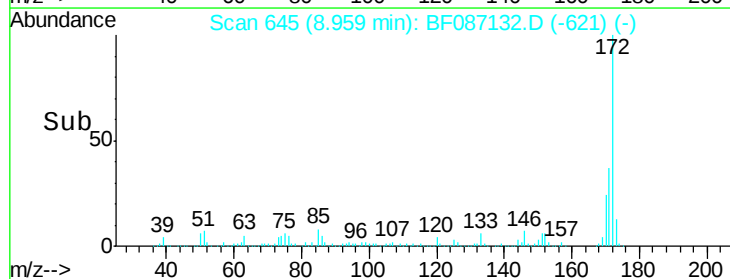
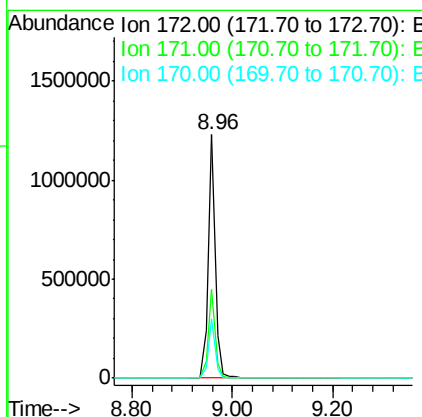
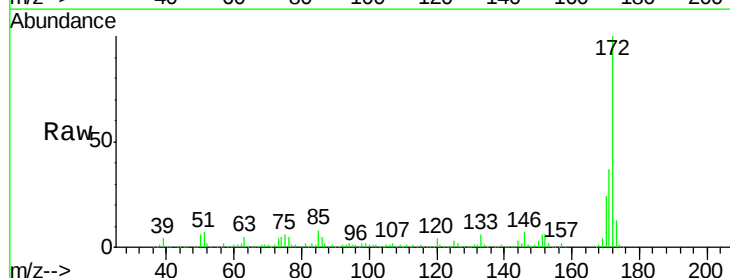
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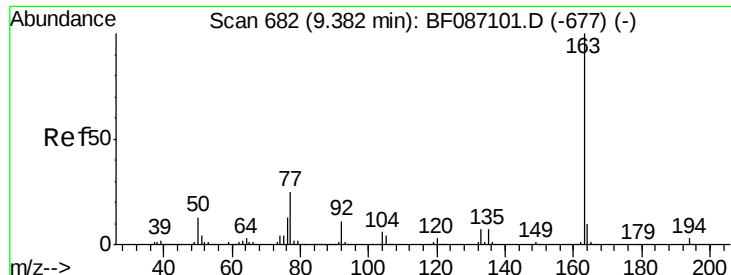
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	33.2	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 82.18 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087132.D
 Acq: 18 May 2016 5:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.3	19.8	29.8

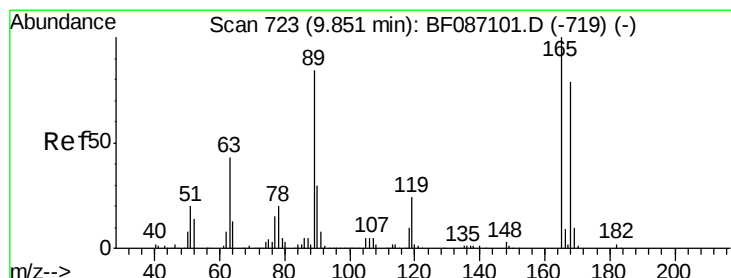
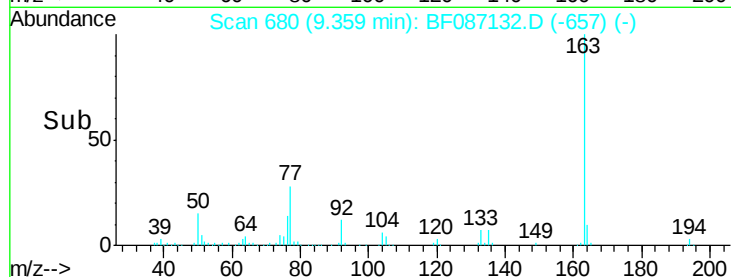
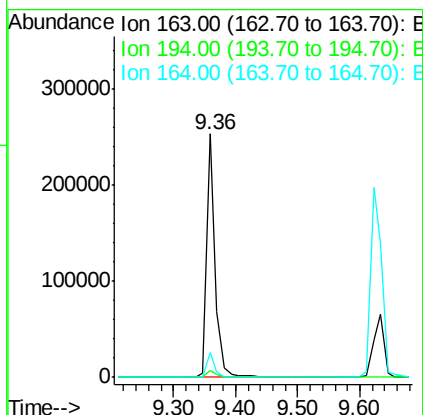
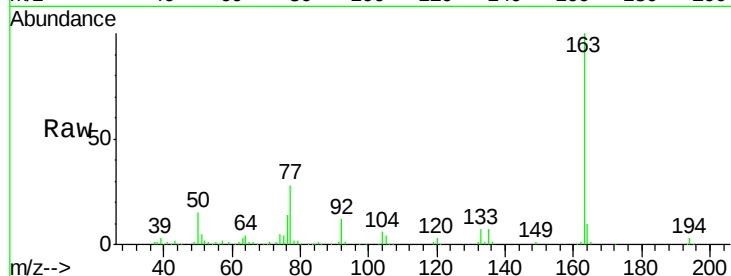




#49
Dimethylphthalate
Concen: 12.87 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF087132.D
Acq: 18 May 2016 5:41

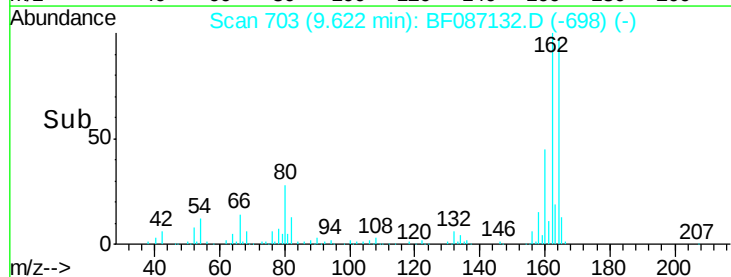
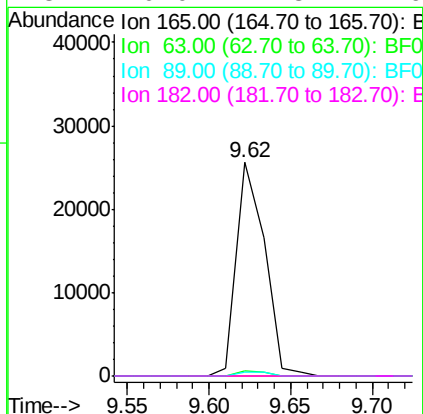
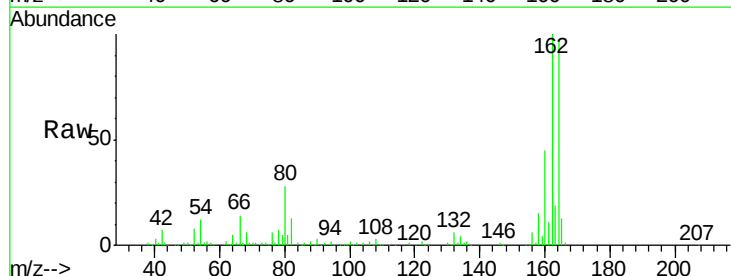
Instrument :
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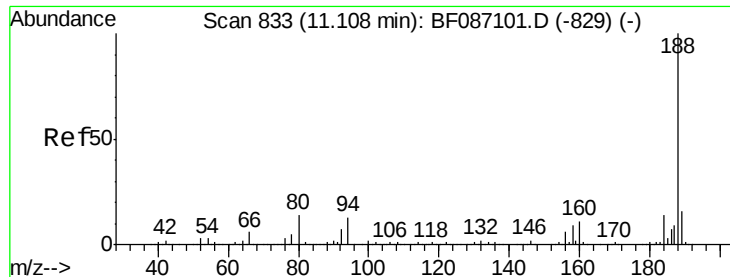
Tgt Ion:163 Resp: 239934
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.2 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.24 min
Lab File: BF087132.D
Acq: 18 May 2016 5:41

Tgt Ion:165 Resp: 30494
Ion Ratio Lower Upper
165 100
63 2.5 44.3 66.5#
89 2.0 70.0 105.0#
182 0.0 1.8 2.6#

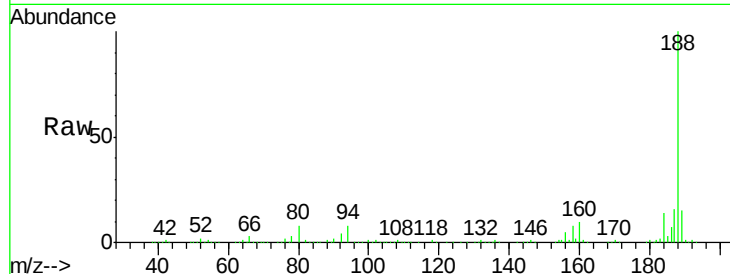




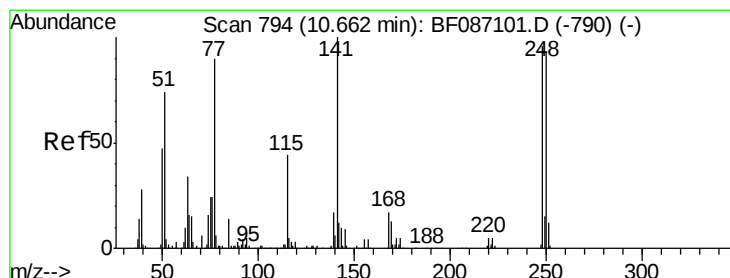
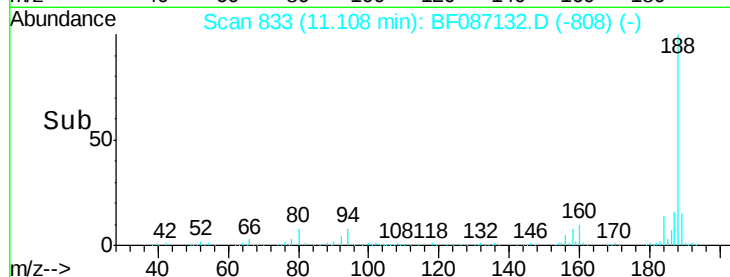
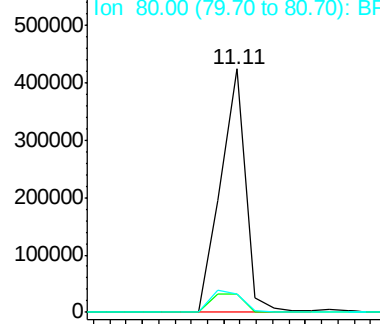
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF087132.D
 Acq: 18 May 2016 5:41

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITES-SB-15-5.5-6.0

Tgt Ion:188 Resp: 452322
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.8 10.2
 80 7.7 7.1 10.7

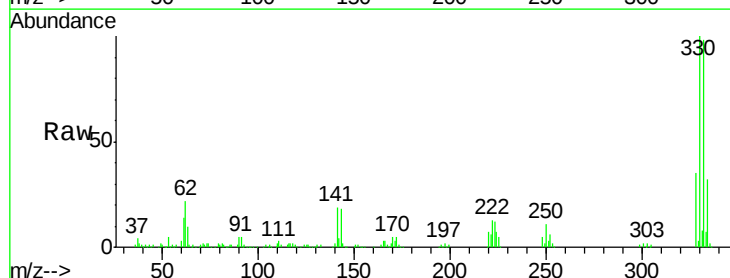


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

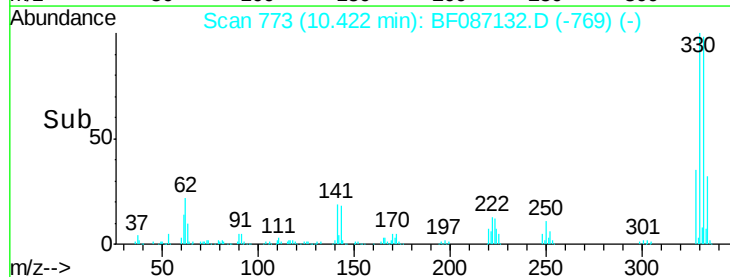
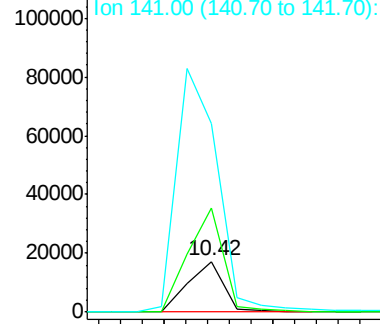


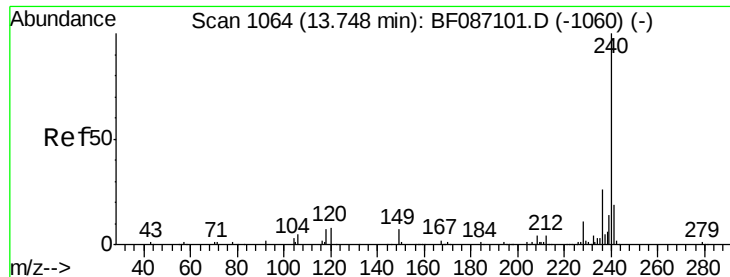
#66
 4-Bromophenyl-phenylether
 Concen: 4.19 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.25 min
 Lab File: BF087132.D
 Acq: 18 May 2016 5:41

Tgt Ion:248 Resp: 19485
 Ion Ratio Lower Upper
 248 100
 250 204.8 78.6 117.8#
 141 370.9 76.0 114.0#



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: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF087132.D

Acq: 18 May 2016 5:41

Instrument :

BNA_F

ClientSampleId :

COMPOSITES-SB-15-5.5-6.0

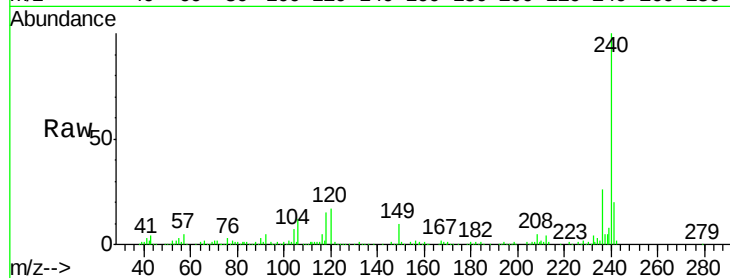
Tgt Ion:240 Resp: 299069

Ion Ratio Lower Upper

240 100

120 16.5 11.2 16.8

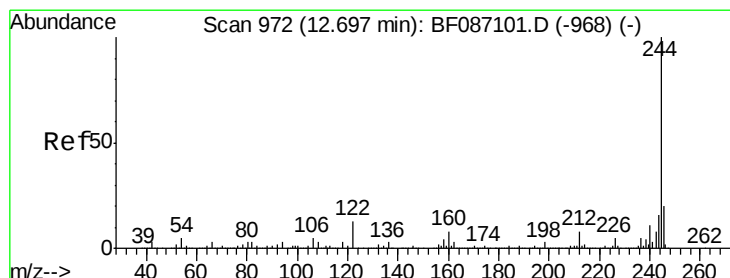
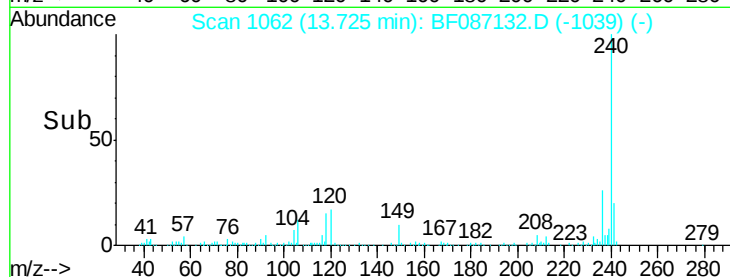
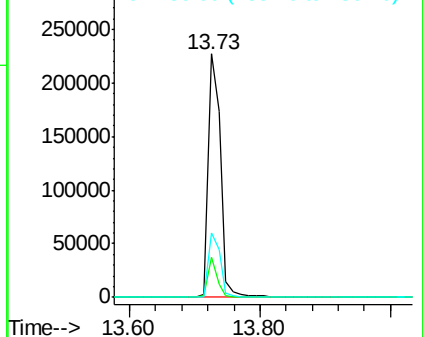
236 26.2 21.2 31.8



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: 86.04 ng

RT: 12.68 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF087132.D

Acq: 18 May 2016 5:41

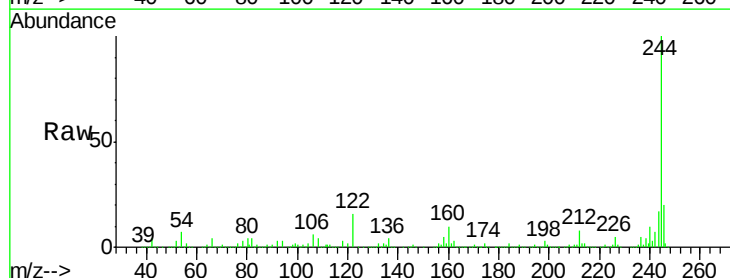
Tgt Ion:244 Resp: 1137497

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

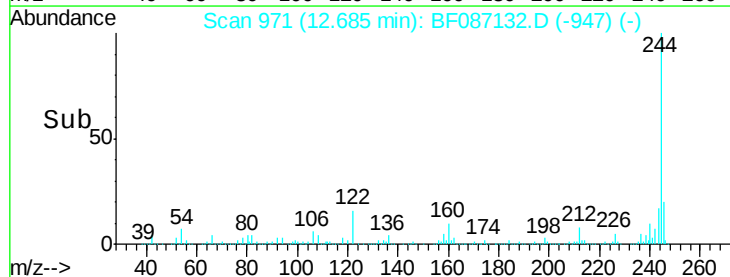
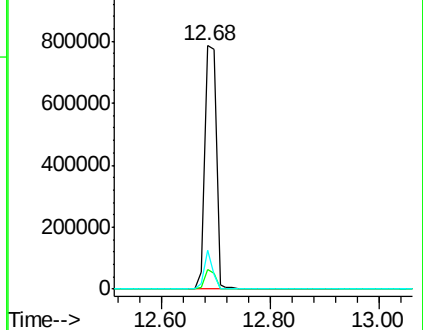
122 15.9 12.0 18.0

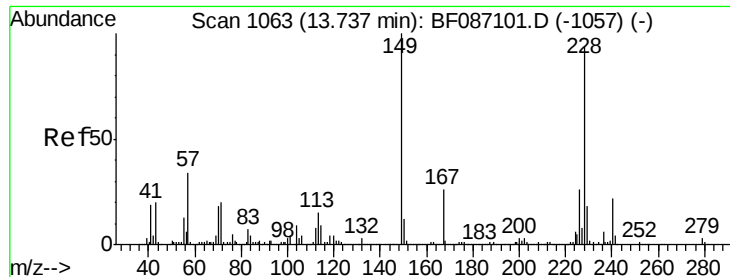


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

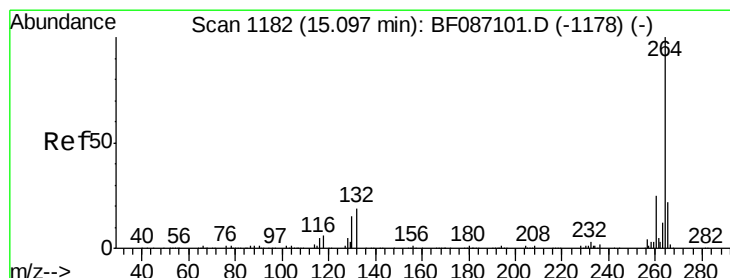
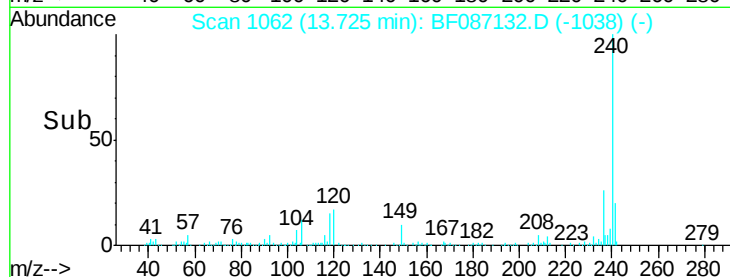
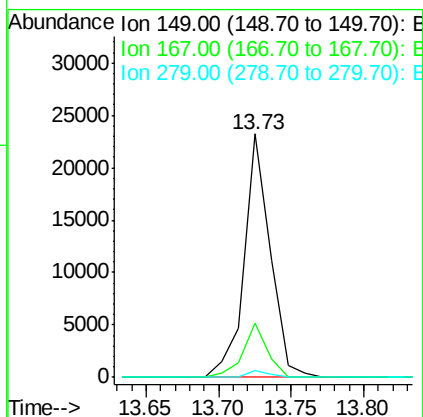
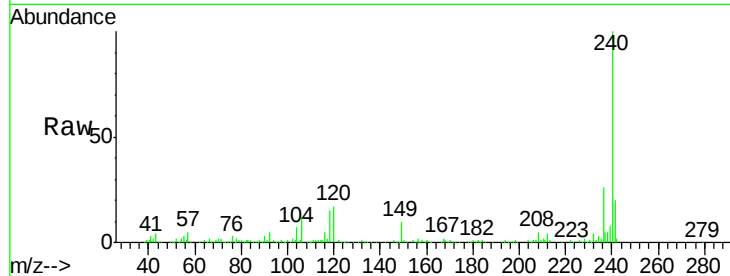




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.60 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF087132.D
 Acq: 18 May 2016 5:41

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITES-SB-15-5.5-6.0

Tgt Ion:149 Resp: 28827
 Ion Ratio Lower Upper
 149 100
 167 22.1 21.8 32.6
 279 2.5 2.6 4.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF087132.D
 Acq: 18 May 2016 5:41

Tgt Ion:264 Resp: 264846
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.5 17.3 25.9

