

Data File : BF096945.D
Acq On : 21 Jul 2017 15:41
Operator : SJ/JU
Sample : I4354-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
265434-265578-COMP

Quant Time: Jul 21 23:11:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	93796	20.00	ng	-0.05
21) Naphthalene-d8	7.83	136	391828	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	155885	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	263453	20.00	ng	-0.05
75) Chrysene-d12	13.68	240	170729	20.00	ng	-0.05
86) Perylene-d12	15.04	264	169607	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	456115	73.12	ng	-0.04
7) Phenol-d6	6.20	99	371182	49.58	ng	-0.05
23) Nitrobenzene-d5	7.12	82	572214	90.46	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	182726	137.32	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	915466	92.78	ng	-0.05
78) Terphenyl-d14	12.65	244	640767	65.09	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.32	77	14172	3.28	ng	# 79
19) n-Nitroso-di-n-propylamine	7.12	70	76942	17.06	ng	# 88
25) Isophorone	7.12	82	564613	47.98	ng	# 67
56) 2,4-Dinitrotoluene	9.58	165	19614	6.00	ng	# 33
66) 4-Bromophenyl-phenylether	10.37	248	11770	4.38	ng	# 1

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

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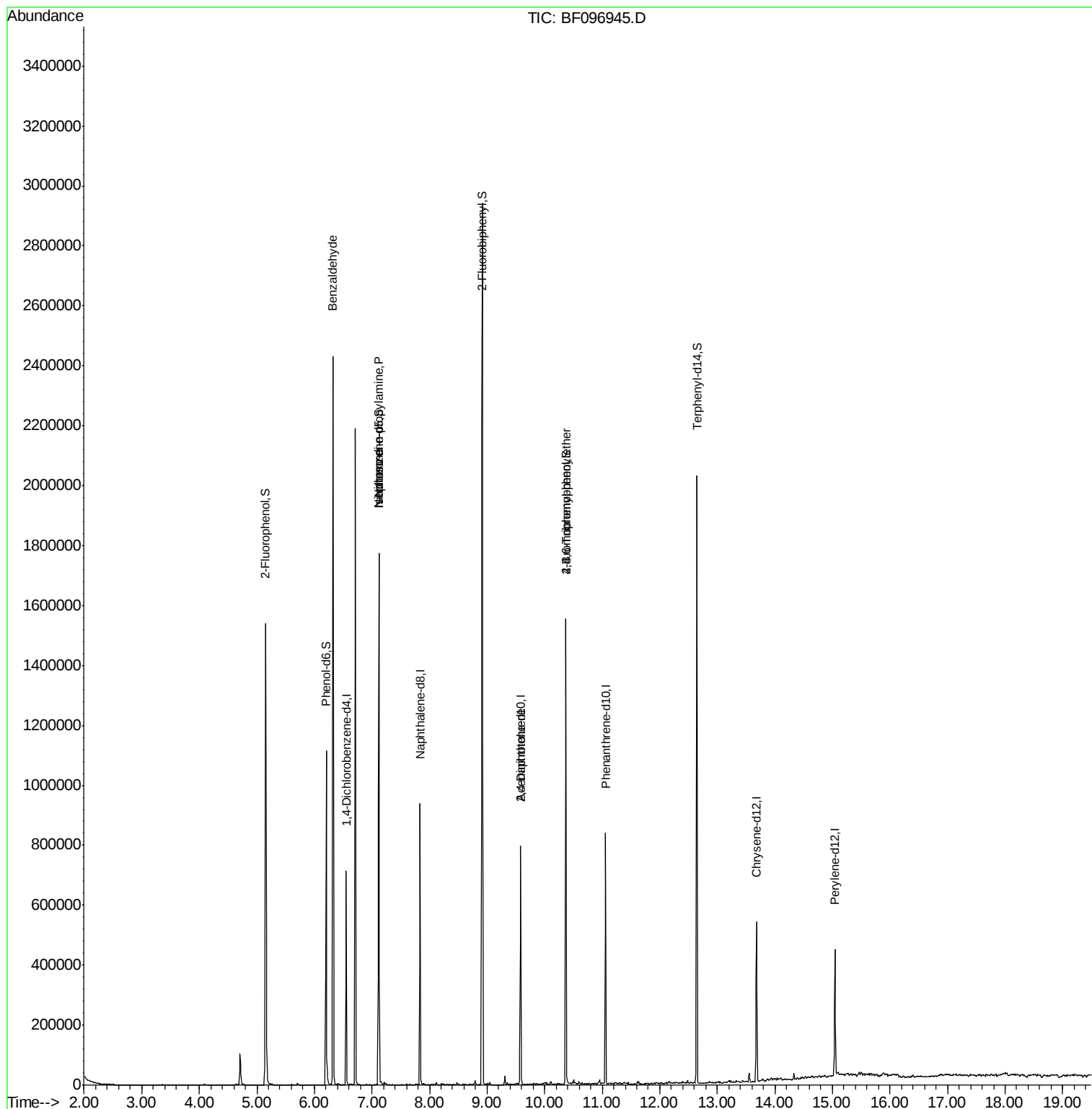
Quant Time: Jul 21 23:11:20 2017

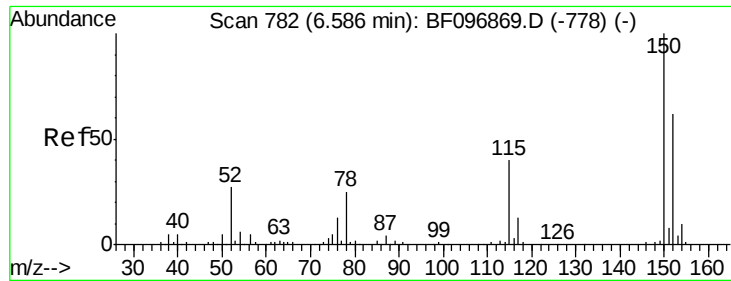
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 18 13:33:22 2017

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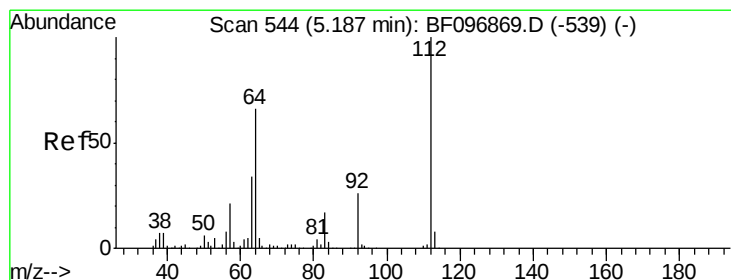
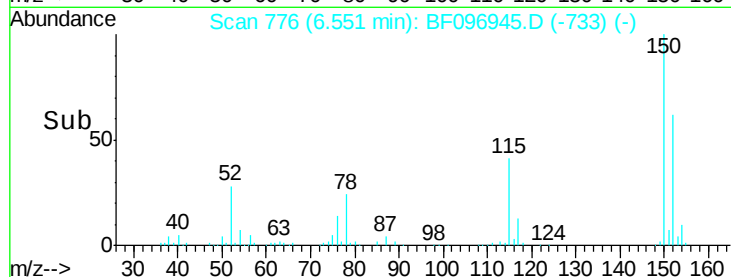
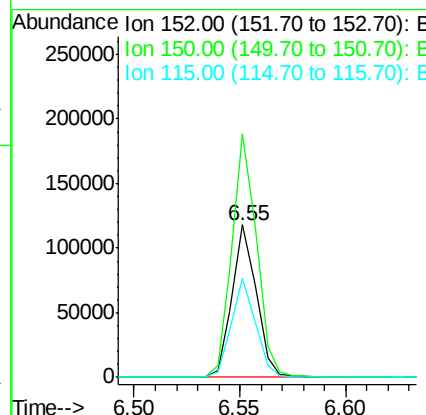
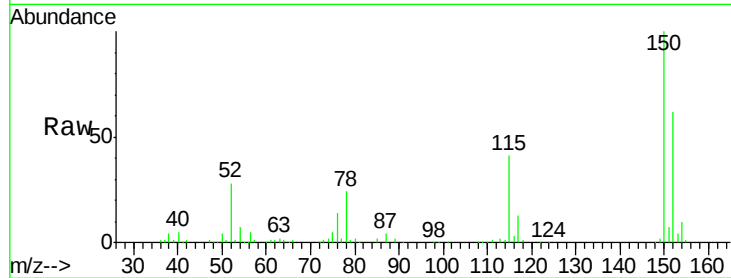




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF096945.D
 Acq: 21 Jul 2017 15:41

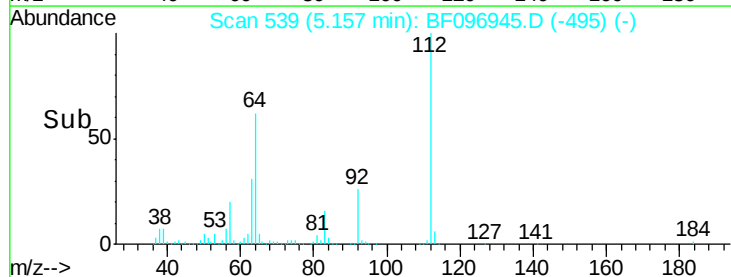
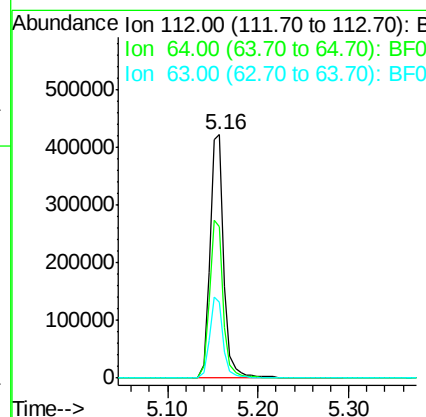
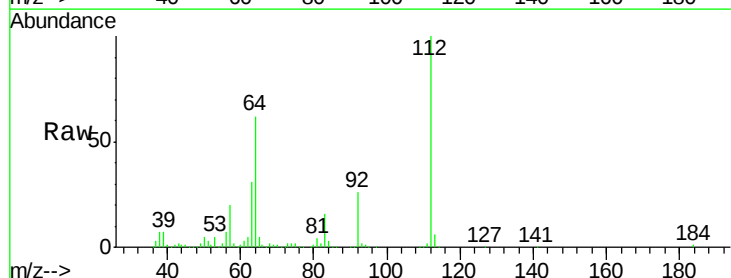
Instrument :
 BNA_F
 ClientSampleId :
 265434-265578-COMP

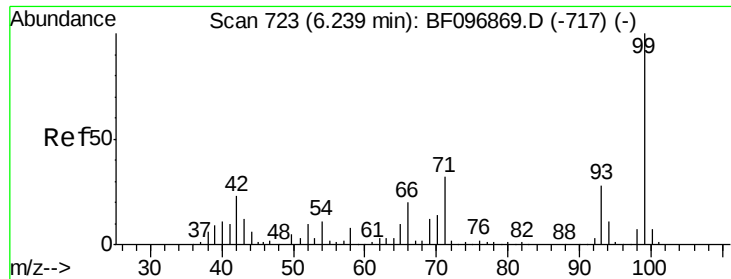
Tgt Ion:152 Resp: 93796
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.2 189.2
 115 65.2 52.2 78.2



#5
 2-Fluorophenol
 Concen: 73.12 ng
 RT: 5.16 min Scan# 539
 Delta R.T. -0.04 min
 Lab File: BF096945.D
 Acq: 21 Jul 2017 15:41

Tgt Ion:112 Resp: 456115
 Ion Ratio Lower Upper
 112 100
 64 62.0 46.0 69.0
 63 31.3 23.4 35.0





#7

Phenol-d6

Concen: 49.58 ng

RT: 6.20 min Scan# 717

Delta R.T. -0.05 min

Lab File: BF096945.D

Acq: 21 Jul 2017 15:41

Instrument :

BNA_F

ClientSampleId :

265434-265578-COMP

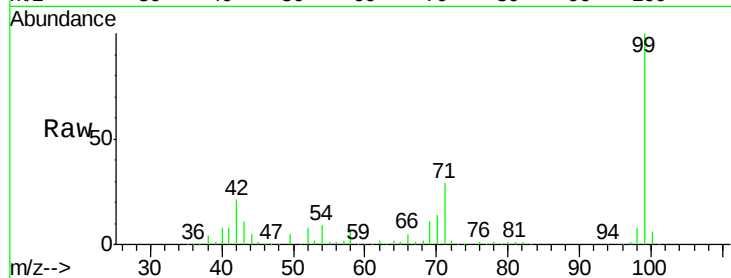
Tgt Ion: 99 Resp: 371182

Ion Ratio Lower Upper

99 100

42 20.7 13.5 20.3#

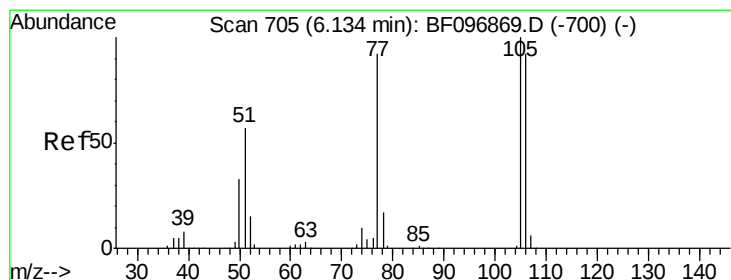
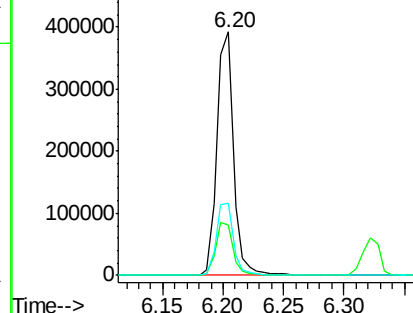
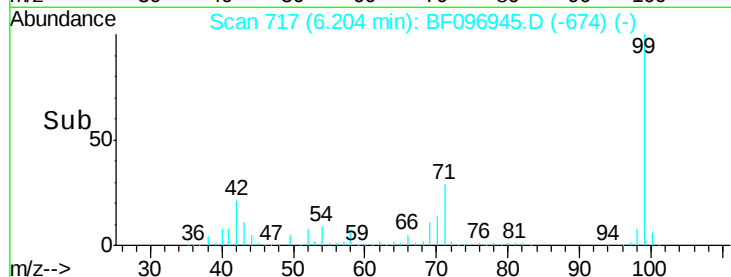
71 29.5 24.5 36.7



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: 3.28 ng

RT: 6.32 min Scan# 737

Delta R.T. 0.18 min

Lab File: BF096945.D

Acq: 21 Jul 2017 15:41

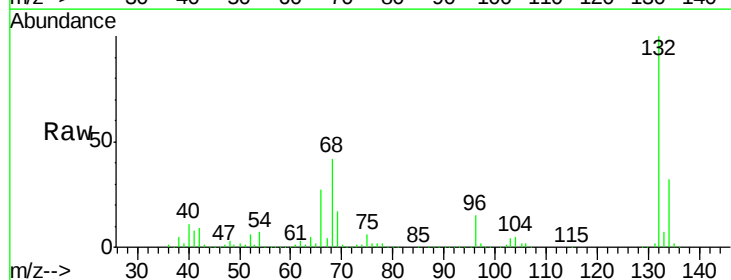
Tgt Ion: 77 Resp: 14172

Ion Ratio Lower Upper

77 100

105 83.3 83.8 123.8#

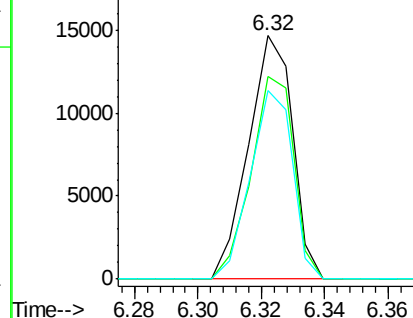
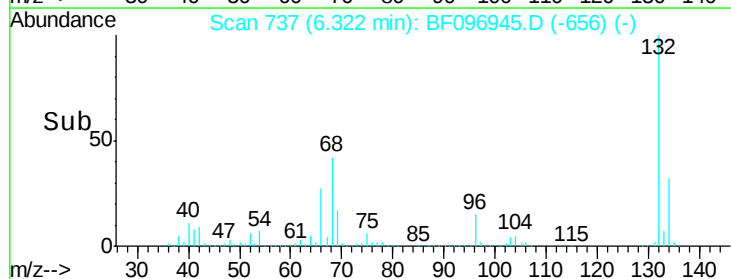
106 77.6 79.1 119.1#

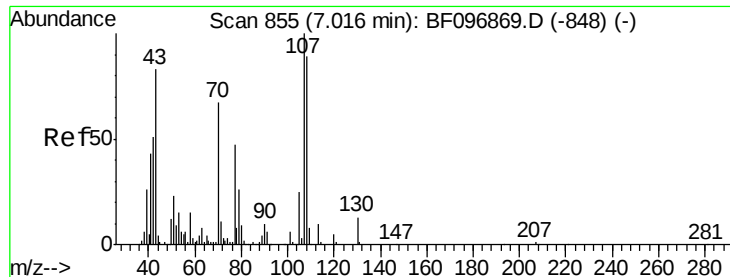


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

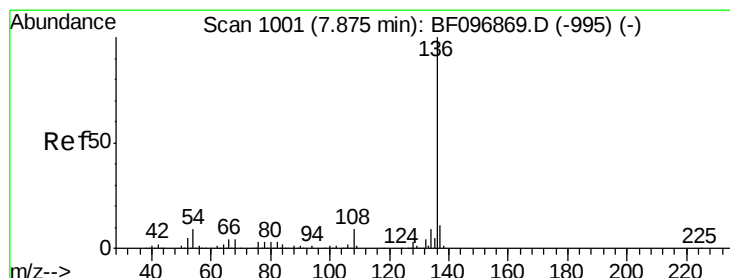
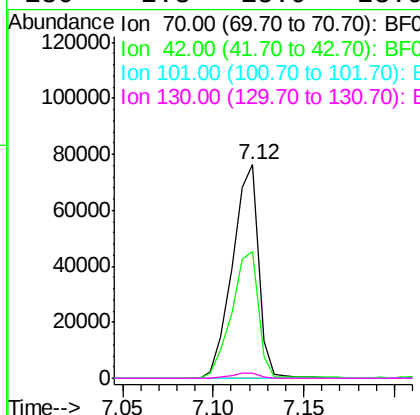
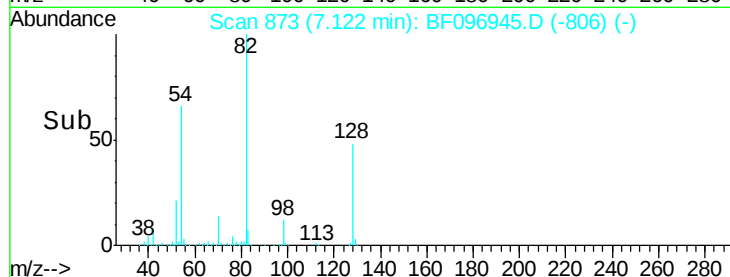
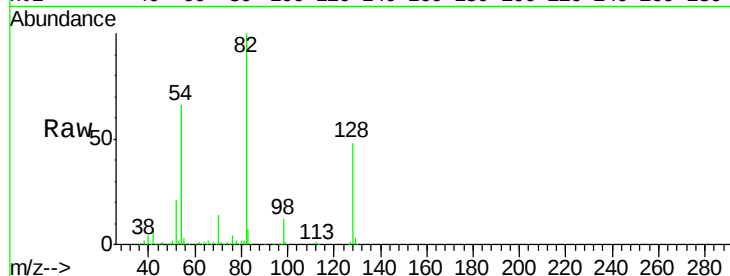




#19
n-Nitroso-di-n-propylamine
Concen: 17.06 ng
RT: 7.12 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF096945.D
Acq: 21 Jul 2017 15:41

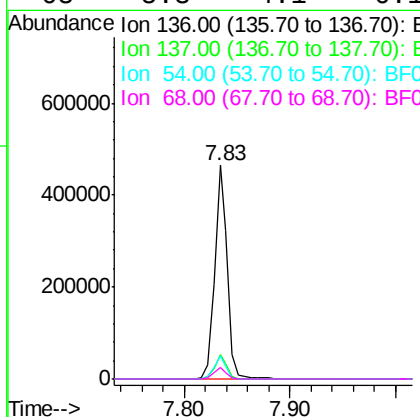
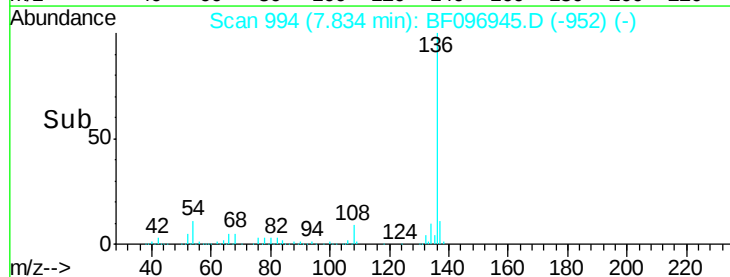
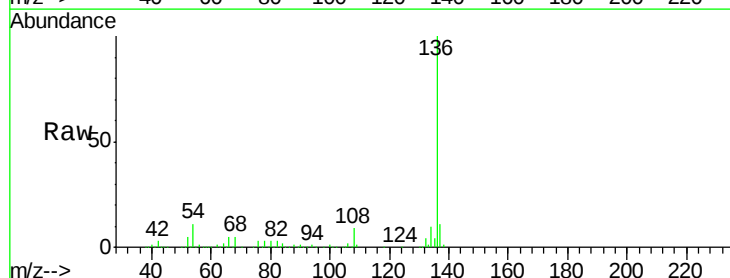
Instrument :
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ClientSampleId :
265434-265578-COMP

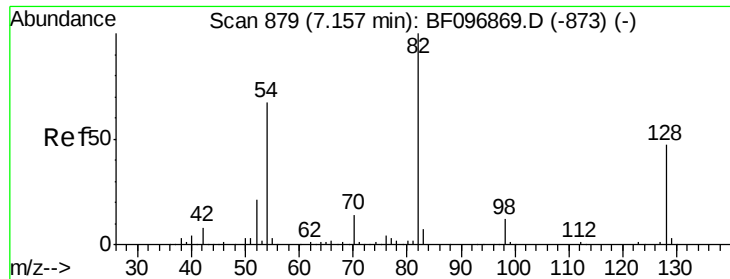
Tgt Ion: 70 Resp: 76942
Ion Ratio Lower Upper
70 100
42 59.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF096945.D
Acq: 21 Jul 2017 15:41

Tgt Ion: 136 Resp: 391828
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 10.9 4.9 7.3#
68 5.3 4.1 6.1

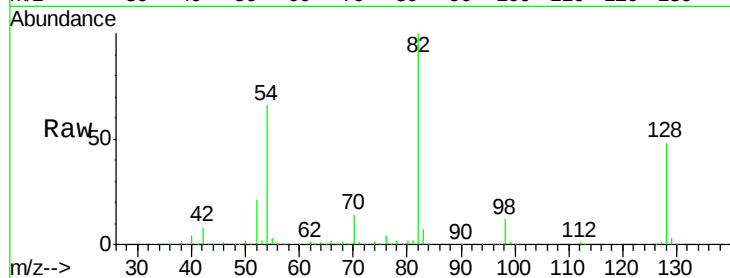




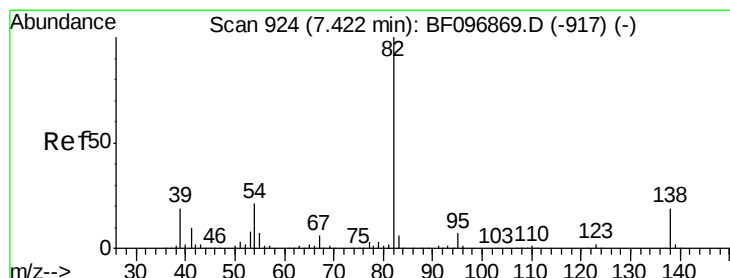
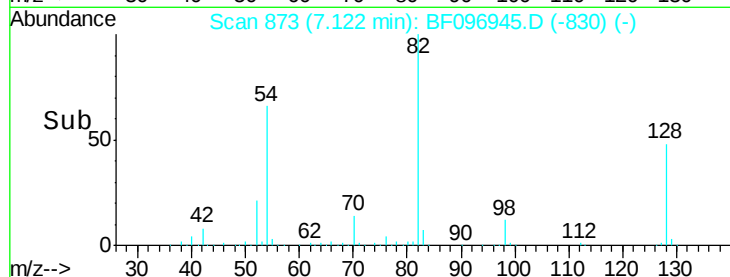
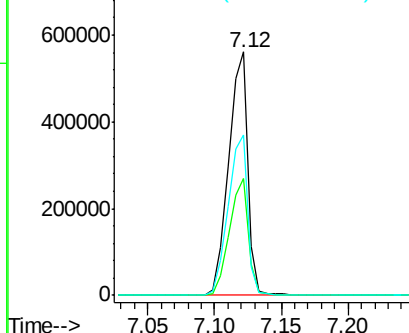
#23
 Nitrobenzene-d5
 Concen: 90.46 ng
 RT: 7.12 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF096945.D
 Acq: 21 Jul 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 265434-265578-COMP

Tgt Ion: 82 Resp: 572214
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.0 51.0
 54 65.9 42.2 63.2#

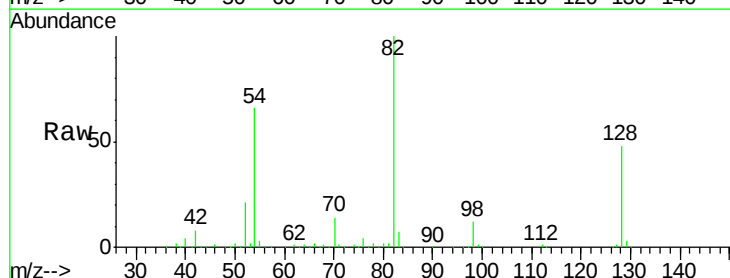


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

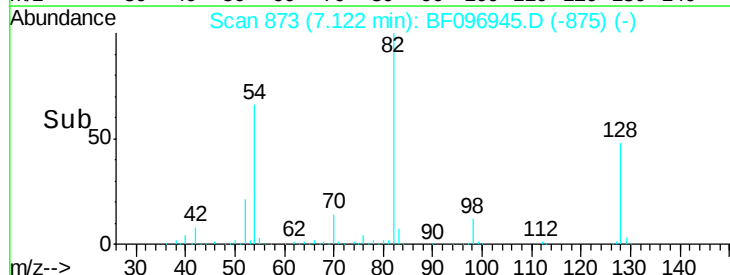
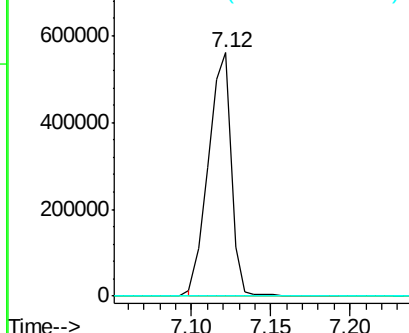


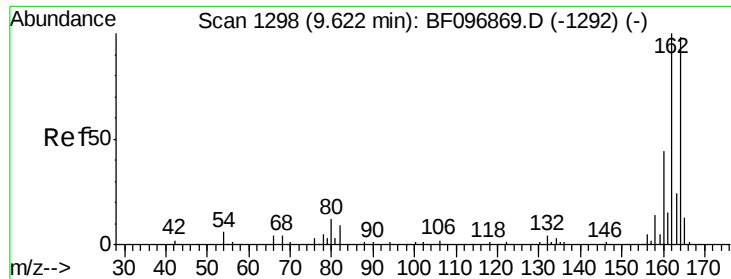
#25
 Isophorone
 Concen: 47.98 ng
 RT: 7.12 min Scan# 873
 Delta R.T. -0.31 min
 Lab File: BF096945.D
 Acq: 21 Jul 2017 15:41

Tgt Ion: 82 Resp: 564613
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#



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

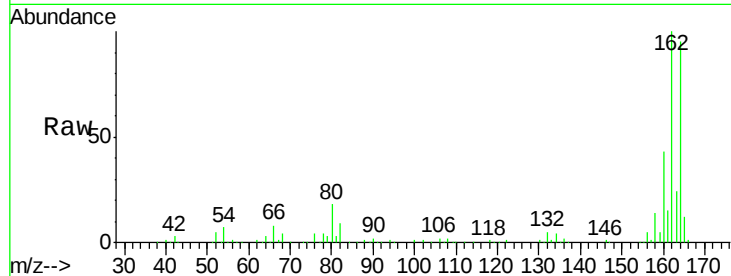




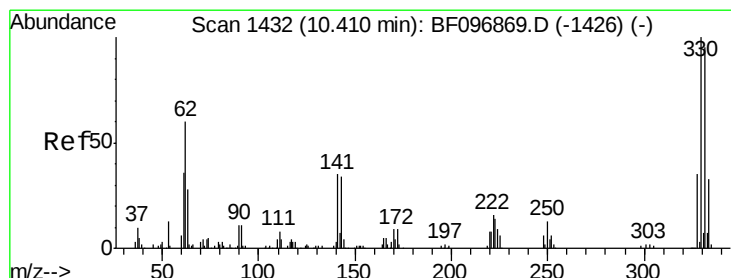
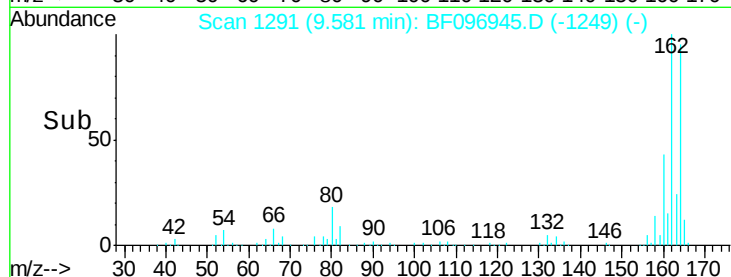
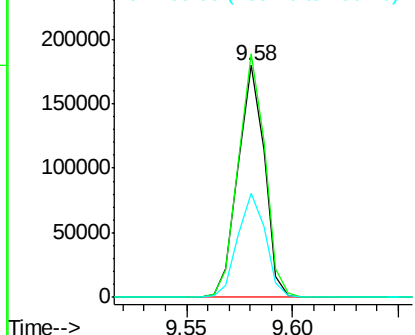
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF096945.D
Acq: 21 Jul 2017 15:41

Instrument :
BNA_F
ClientSampleId :
265434-265578-COMP

Tgt Ion:164 Resp: 155885
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 45.0 36.2 54.2

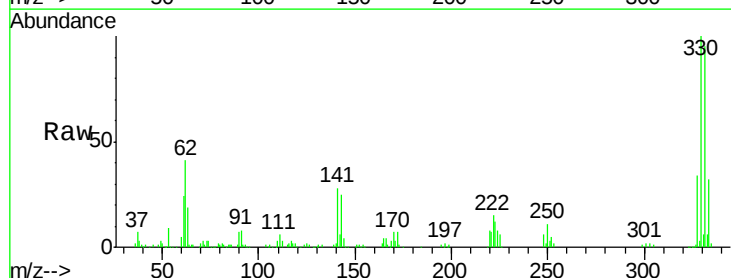


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

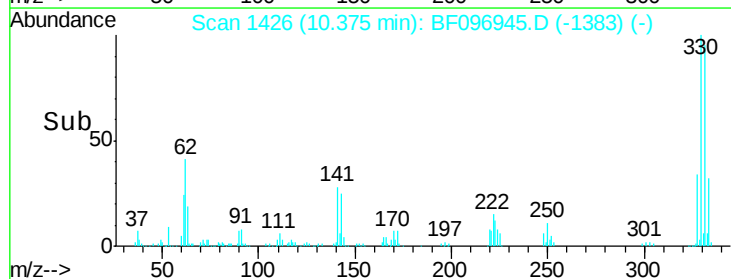
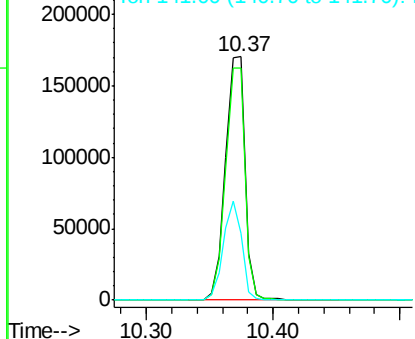


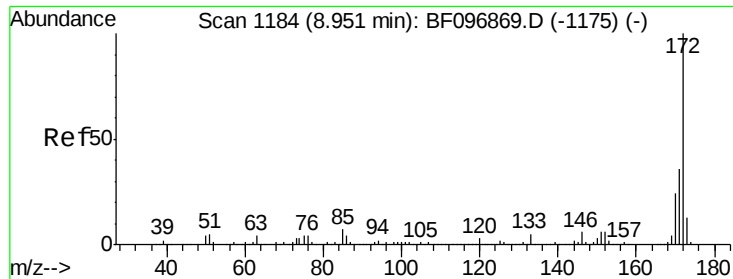
#41
2,4,6-Tribromophenol
Concen: 137.32 ng
RT: 10.37 min Scan# 1426
Delta R.T. -0.05 min
Lab File: BF096945.D
Acq: 21 Jul 2017 15:41

Tgt Ion:330 Resp: 182726
Ion Ratio Lower Upper
330 100
332 94.3 76.6 115.0
141 38.4 31.4 47.2



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

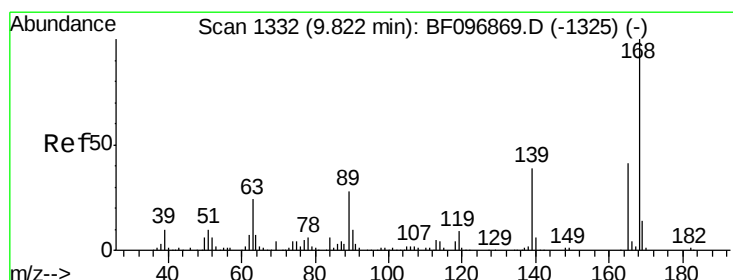
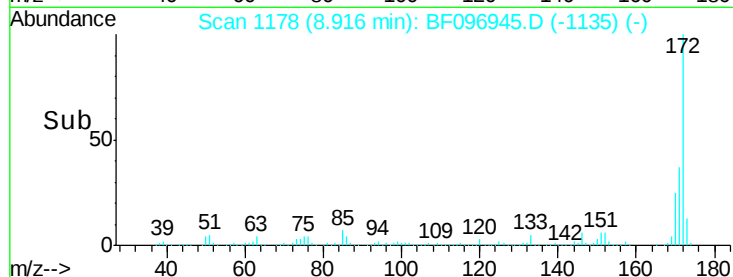
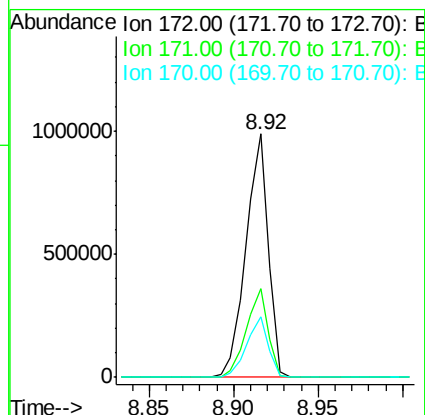
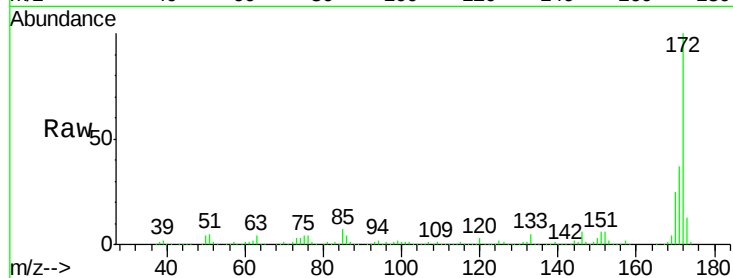




#44
 2-Fluorobiphenyl
 Concen: 92.78 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096945.D
 Acq: 21 Jul 2017 15:41

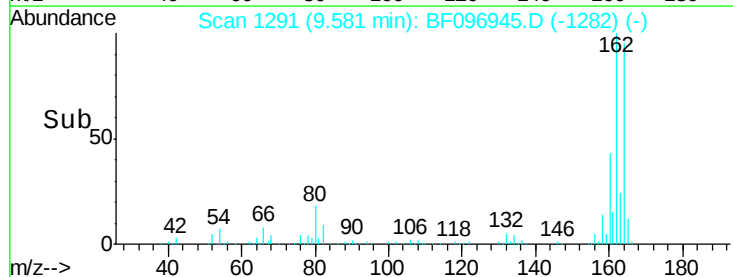
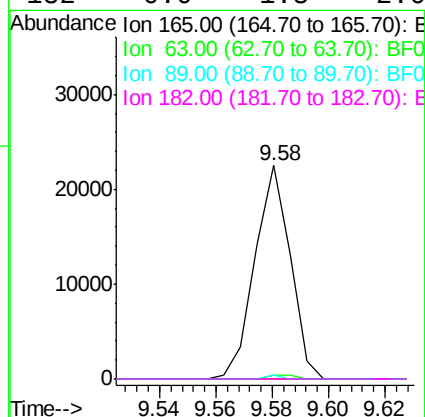
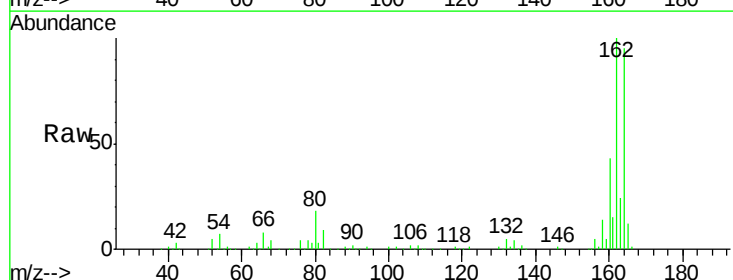
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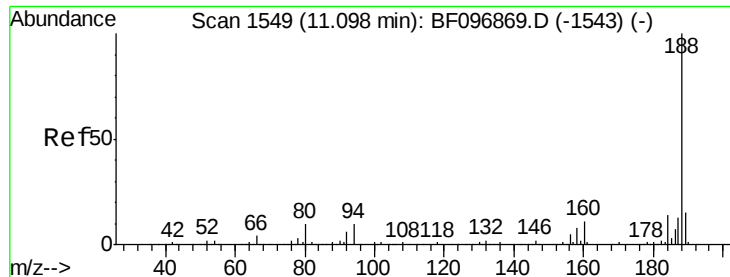
Tgt Ion:172 Resp: 915466
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.7 19.8 29.8



#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.58 min Scan# 1291
 Delta R.T. -0.25 min
 Lab File: BF096945.D
 Acq: 21 Jul 2017 15:41

Tgt Ion:165 Resp: 19614
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 1.7 46.4 69.6#
 182 0.0 1.8 2.6#

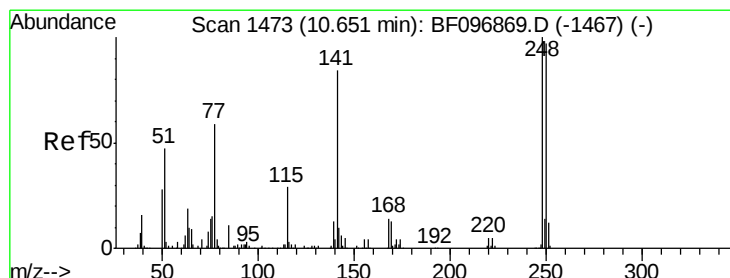
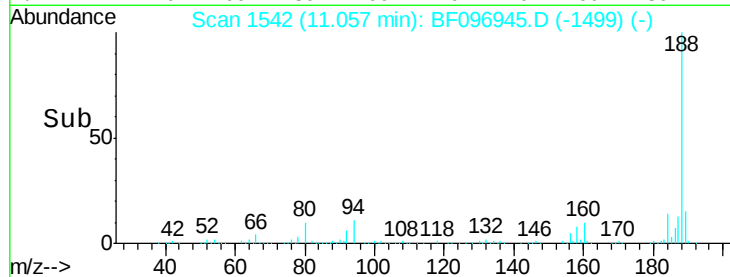
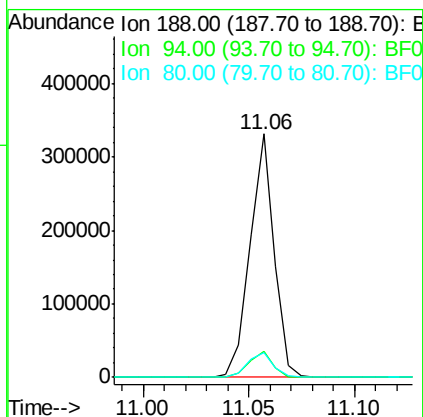
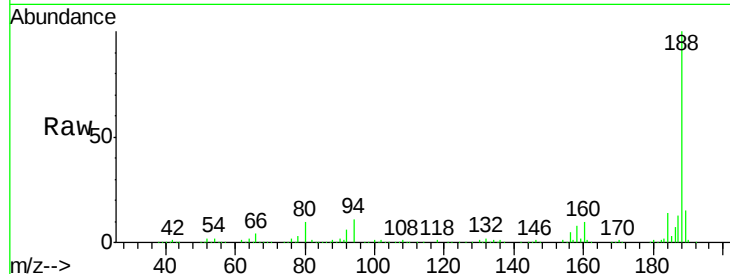




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096945.D
Acq: 21 Jul 2017 15:41

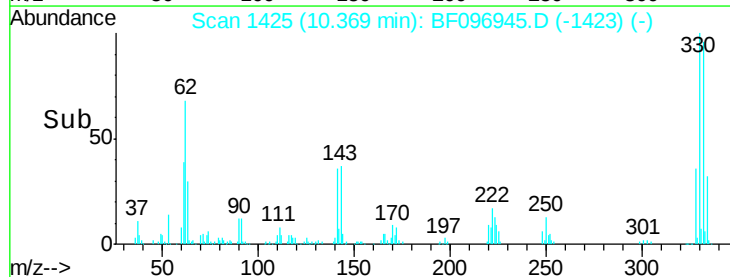
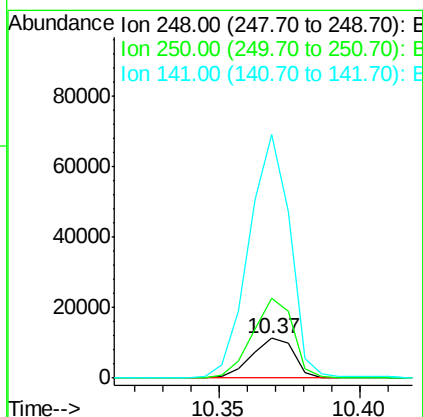
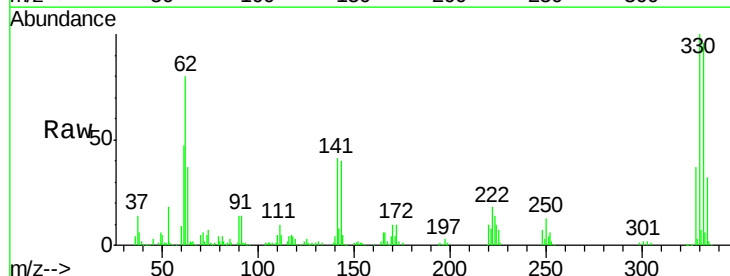
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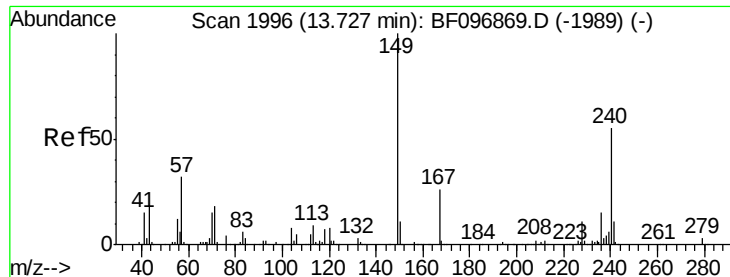
Tgt Ion:188 Resp: 263453
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.3 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.37 min Scan# 1425
Delta R.T. -0.29 min
Lab File: BF096945.D
Acq: 21 Jul 2017 15:41

Tgt Ion:248 Resp: 11770
Ion Ratio Lower Upper
248 100
250 201.1 76.8 115.2#
141 613.3 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1988

Delta R.T. -0.05 min

Lab File: BF096945.D

Acq: 21 Jul 2017 15:41

Instrument :

BNA_F

ClientSampleId :

265434-265578-COMP

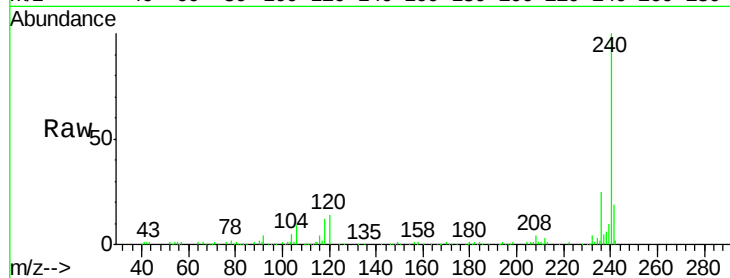
Tgt Ion:240 Resp: 170729

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

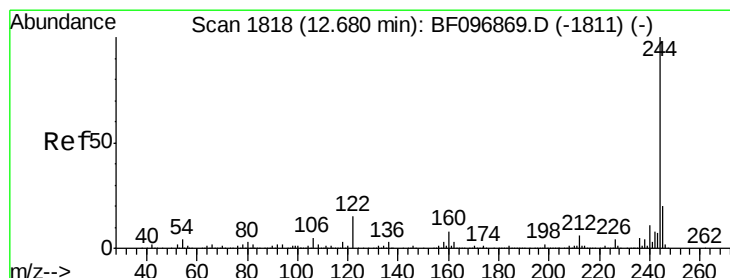
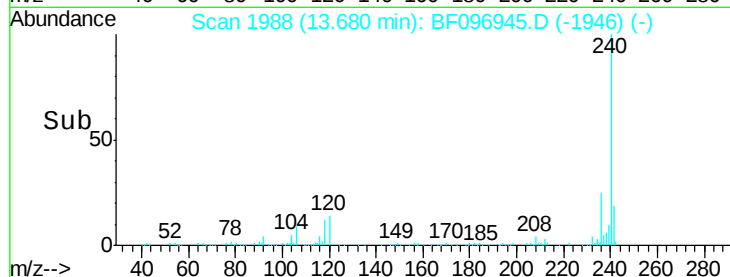
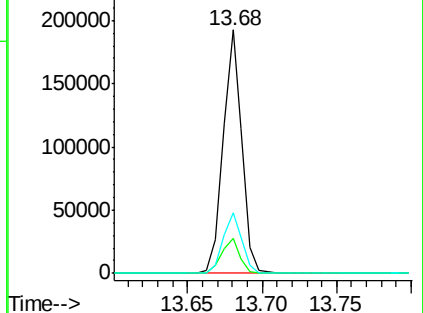
236 25.0 20.5 30.7



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: 65.09 ng

RT: 12.65 min Scan# 1812

Delta R.T. -0.05 min

Lab File: BF096945.D

Acq: 21 Jul 2017 15:41

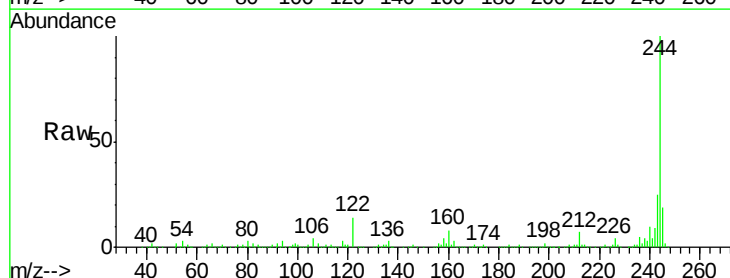
Tgt Ion:244 Resp: 640767

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

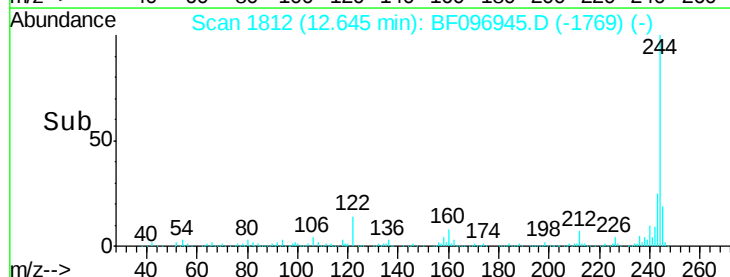
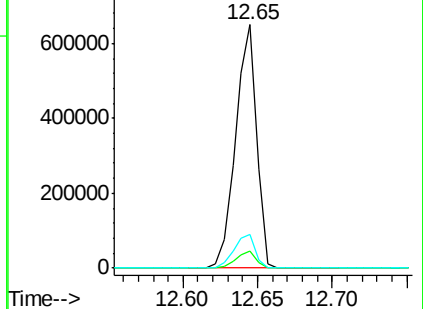
122 14.0 10.3 15.5

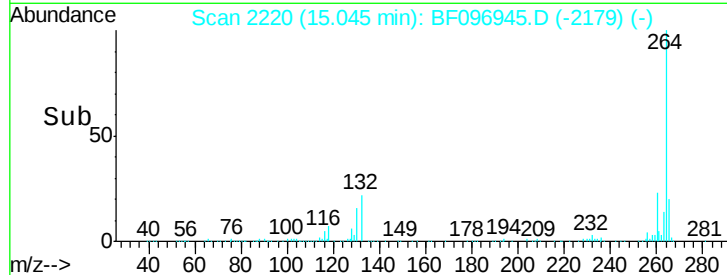
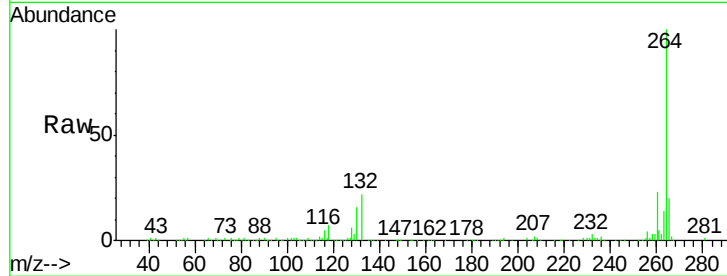
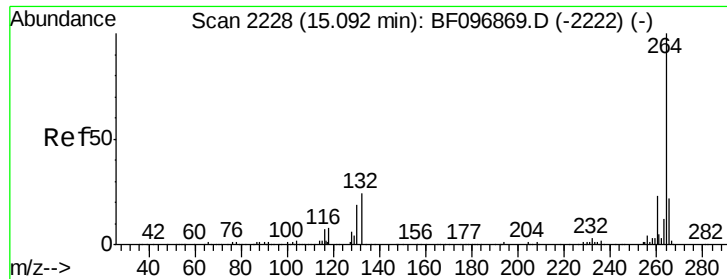


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 2220
Delta R.T. -0.06 min
Lab File: BF096945.D
Acq: 21 Jul 2017 15:41

Instrument :
BNA_F
ClientSampleId :
265434-265578-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.4	17.2	25.8

