

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092726.D
 Acq On : 2 Feb 2017 2:36
 Operator : SJ/MA
 Sample : I1597-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

Quant Time: Feb 02 03:09:17 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

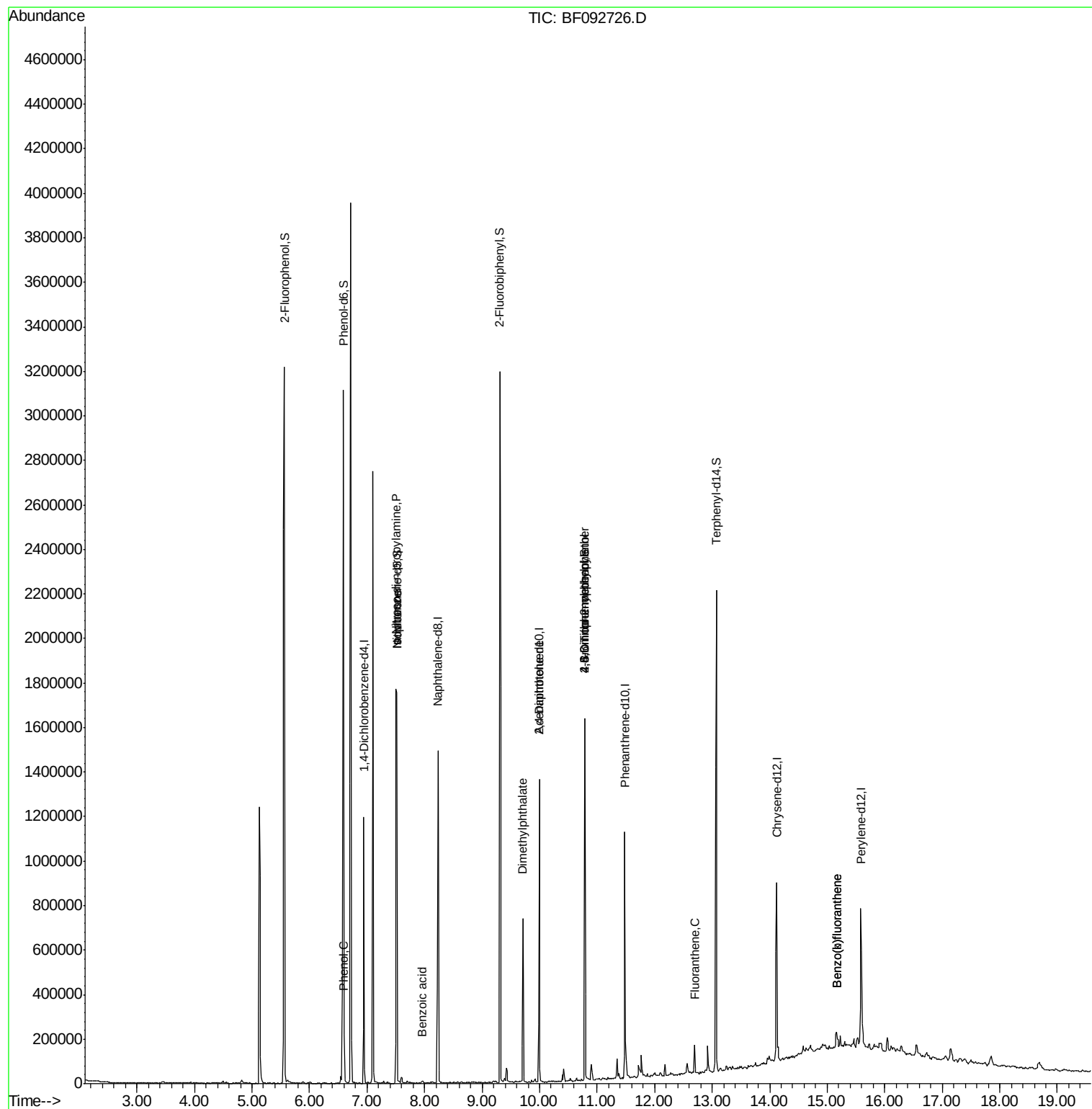
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	164661	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	659837	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	281133	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	376989	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	324391	20.00	ng	-0.02
86) Perylene-d12	15.59	264	306235	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1141860	118.97	ng	-0.01
7) Phenol-d6	6.59	99	1463590	118.52	ng	-0.01
23) Nitrobenzene-d5	7.52	82	871218	73.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	182532	89.77	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1267688	81.69	ng	-0.02
78) Terphenyl-d14	13.07	244	825128	59.77	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	76210	5.27	ng	# 62
19) n-Nitroso-di-n-propylamine	7.50	70	113872	14.49	ng	# 84
25) Isophorone	7.52	82	831202	37.65	ng	# 65
32) Benzoic acid	7.95	122	1485	7.39	ng	95
49) Dimethylphthalate	9.71	163	293008	15.47	ng	100
56) 2,4-Dinitrotoluene	10.00	165	35938	6.60	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.78	198	387	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	13485	3.42	ng	# 1
74) Fluoranthene	12.69	202	48825	2.19	ng	96
87) Benzo(b)fluoranthene	15.16	252	44714	2.22	ng	# 88
88) Benzo(k)fluoranthene	15.16	252	44582	2.56	ng	# 88

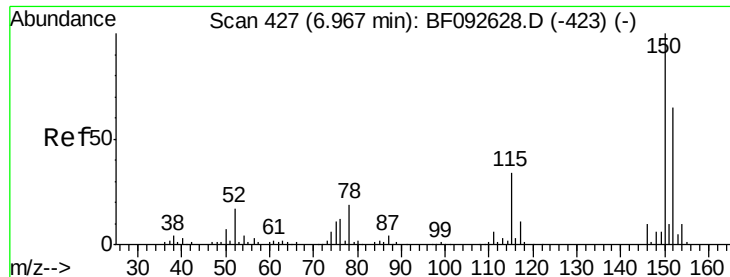
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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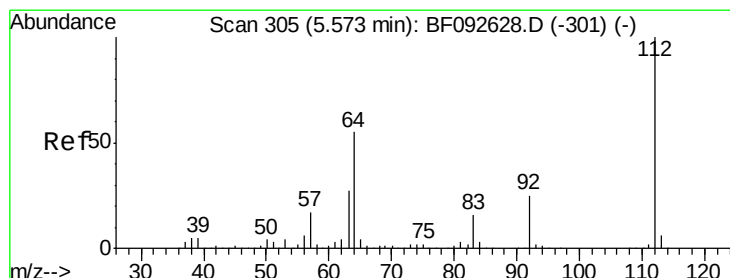
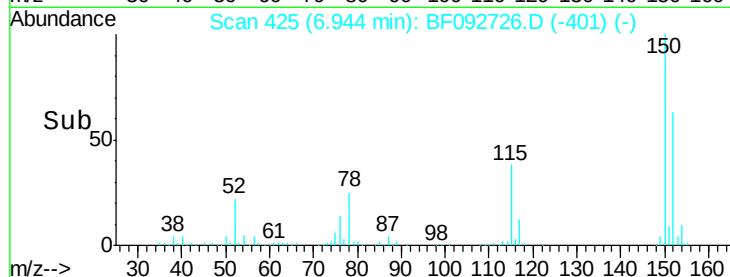
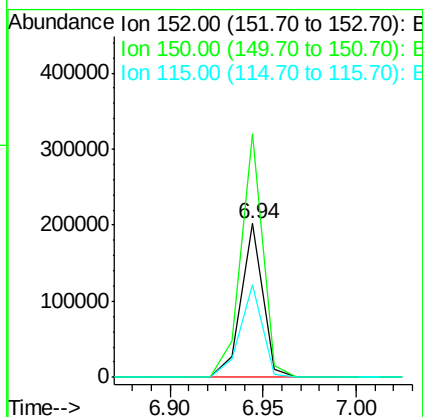
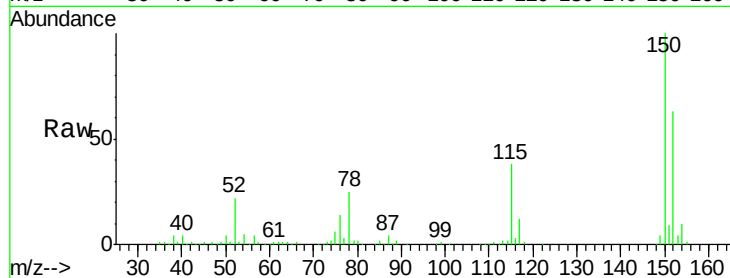




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF092726.D
 Acq: 2 Feb 2017 2:36

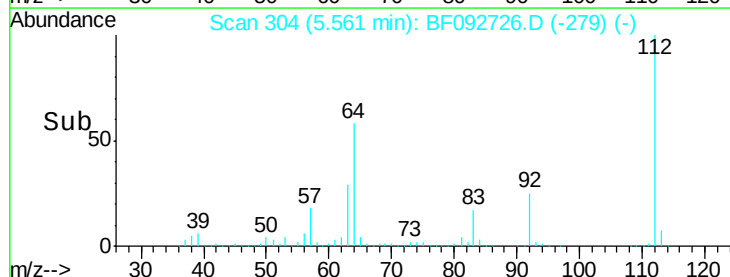
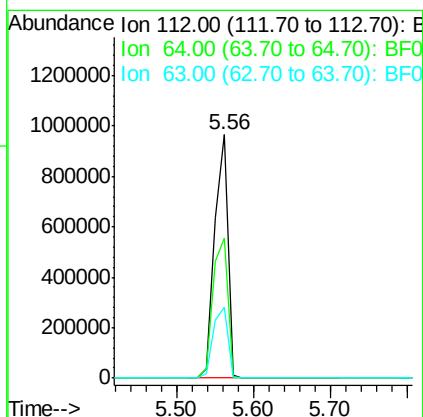
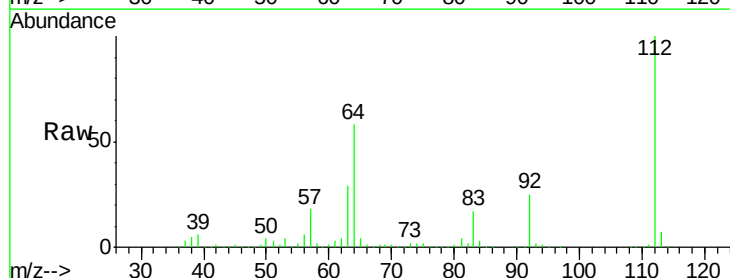
Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

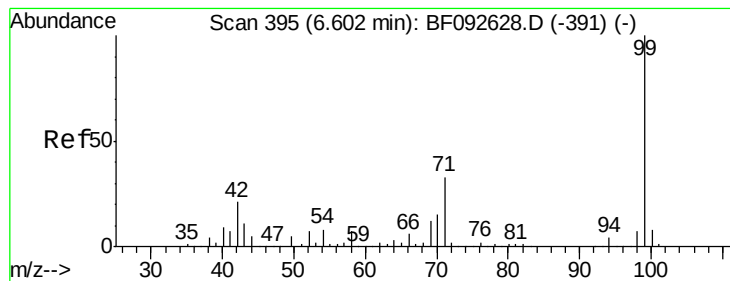
Tgt Ion:152 Resp: 164661
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.9 187.3
 115 59.9 46.0 69.0



#5
 2-Fluorophenol
 Concen: 118.97 ng
 RT: 5.56 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: BF092726.D
 Acq: 2 Feb 2017 2:36

Tgt Ion:112 Resp: 1141860
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.1 69.1
 63 28.9 23.8 35.6





#7

Phenol-d6

Concen: 118.52 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

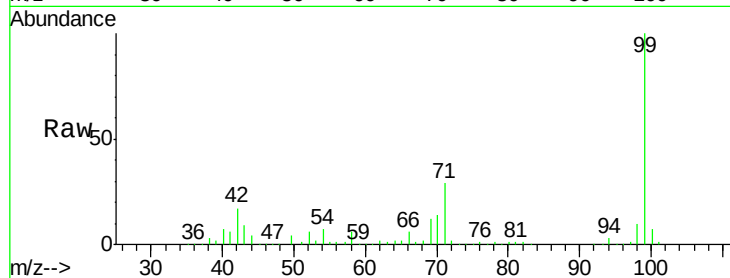
Tgt Ion: 99 Resp: 1463590

Ion Ratio Lower Upper

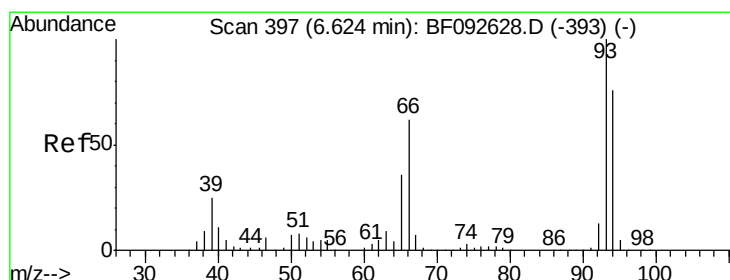
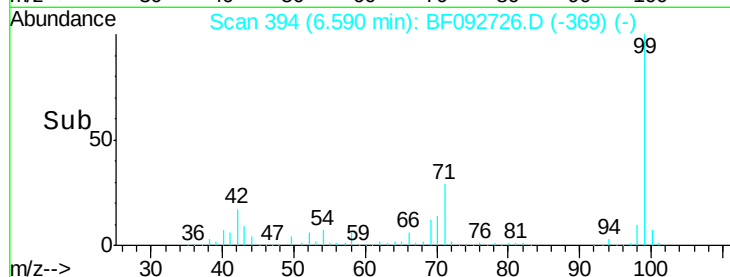
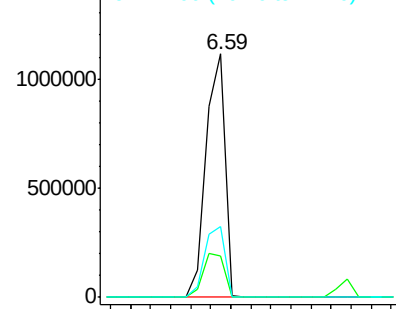
99 100

42 17.1 15.6 23.4

71 29.0 27.5 41.3



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



#10

Phenol

Concen: 5.27 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

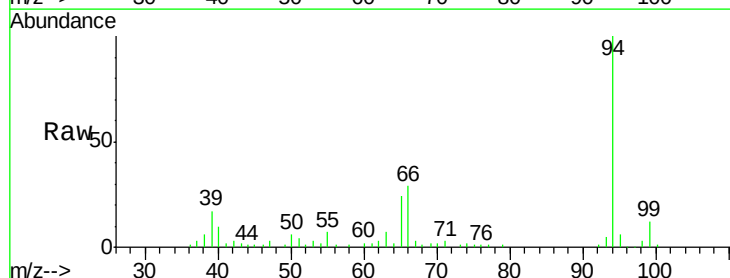
Tgt Ion: 94 Resp: 76210

Ion Ratio Lower Upper

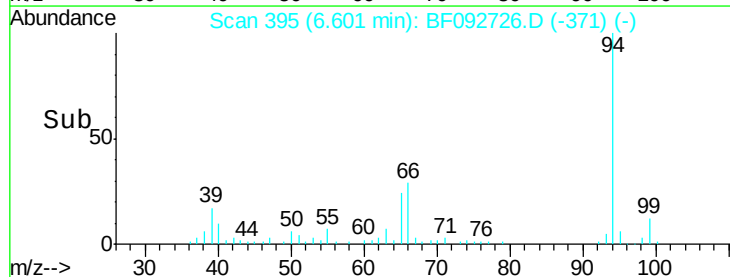
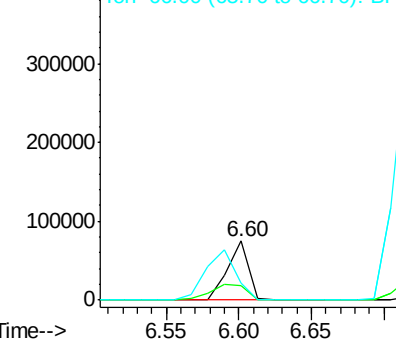
94 100

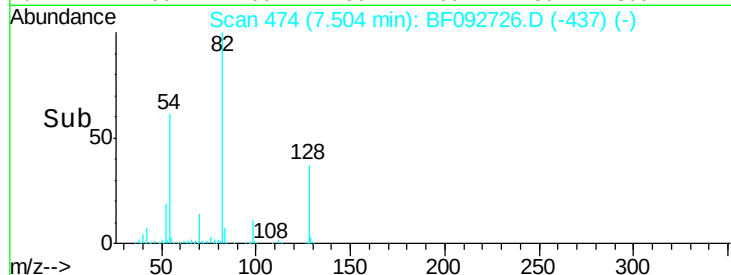
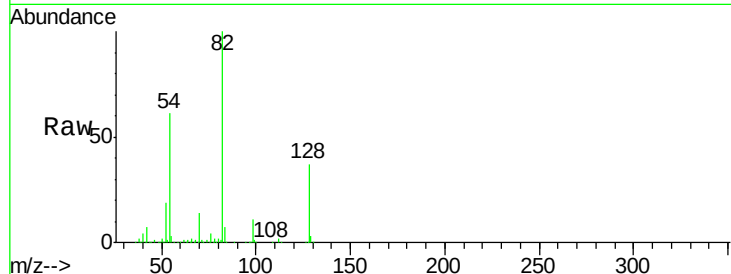
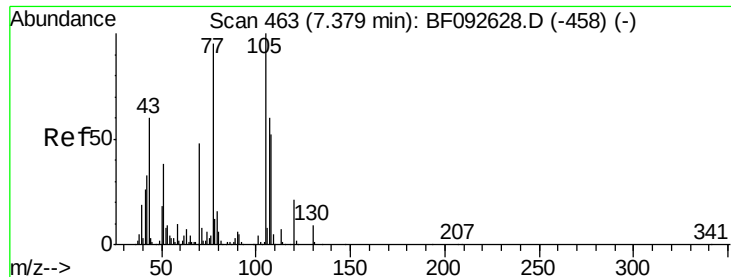
65 23.8 21.4 61.4

66 29.5 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

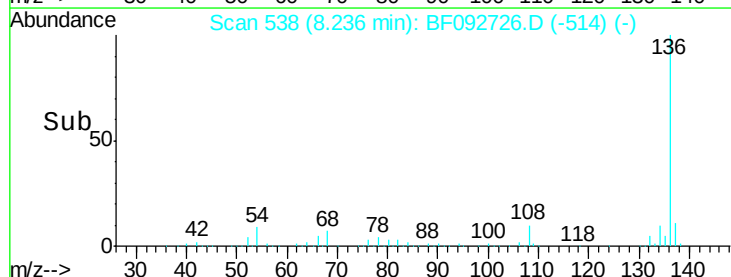
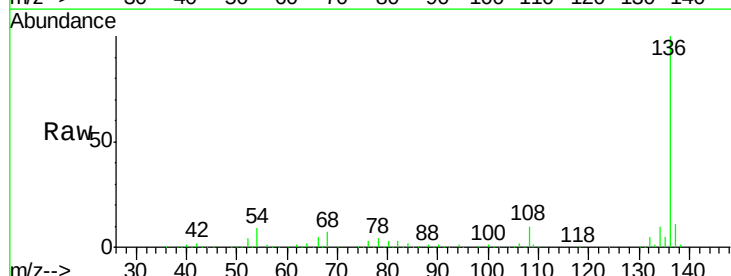
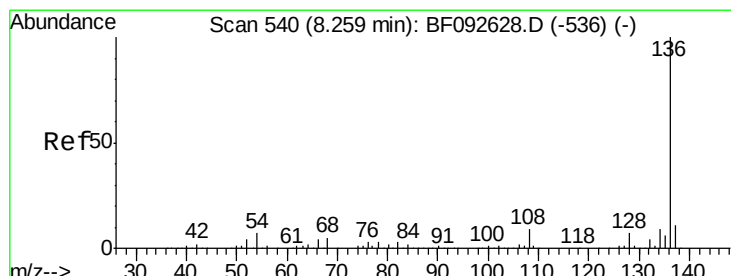
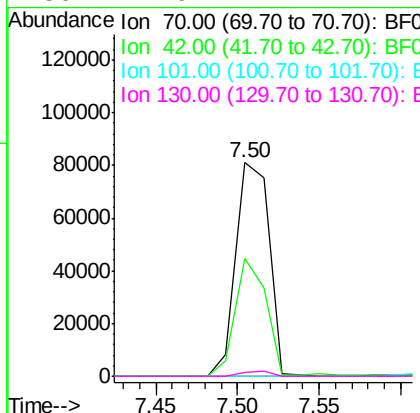




#19
n-Nitroso-di-n-propylamine
Concen: 14.49 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.13 min
Lab File: BF092726.D
Acq: 2 Feb 2017 2:36

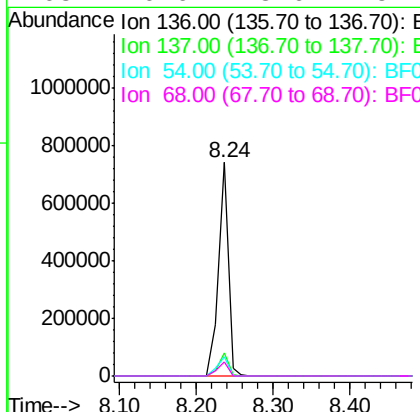
Instrument :
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SB-40-COMP

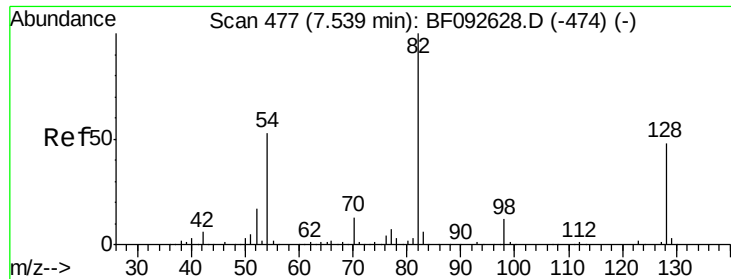
Tgt Ion: 70 Resp: 113872
Ion Ratio Lower Upper
70 100
42 55.1 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092726.D
Acq: 2 Feb 2017 2:36

Tgt Ion: 136 Resp: 659837
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 9.0 4.5 6.7#
68 6.6 3.6 5.4#

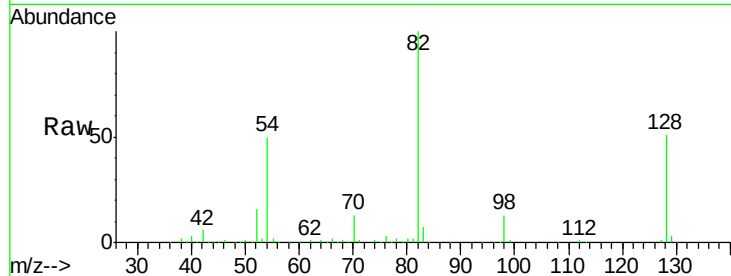




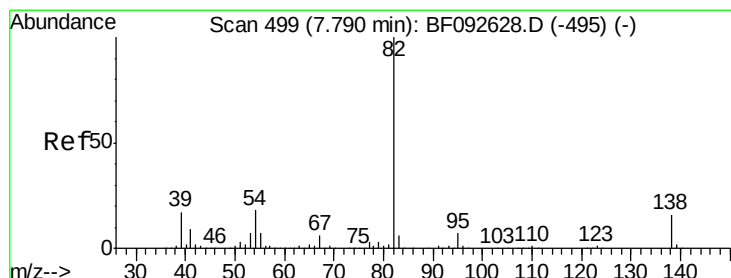
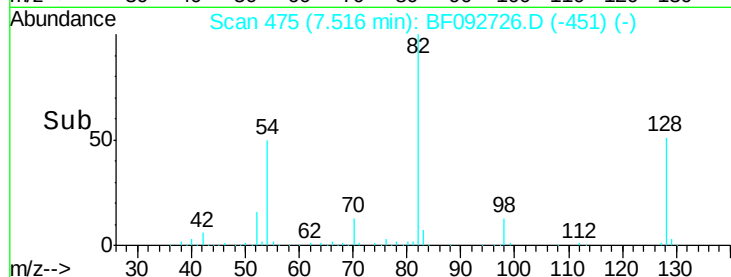
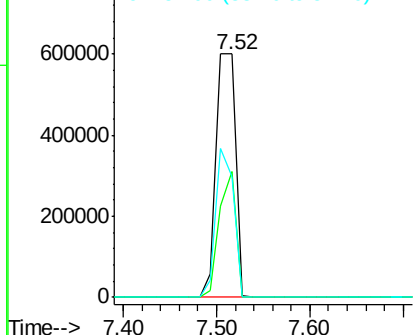
#23
 Nitrobenzene-d5
 Concen: 73.53 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092726.D
 Acq: 2 Feb 2017 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

Tgt Ion: 82 Resp: 871218
 Ion Ratio Lower Upper
 82 100
 128 51.5 34.6 52.0
 54 49.8 39.5 59.3

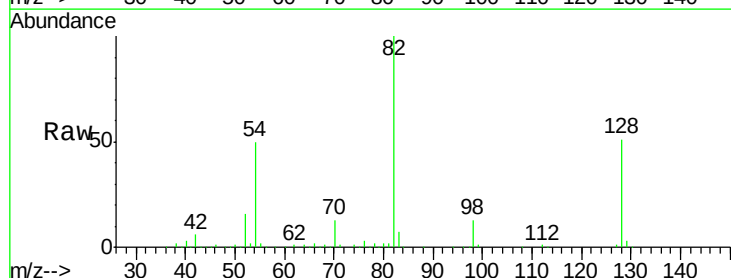


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

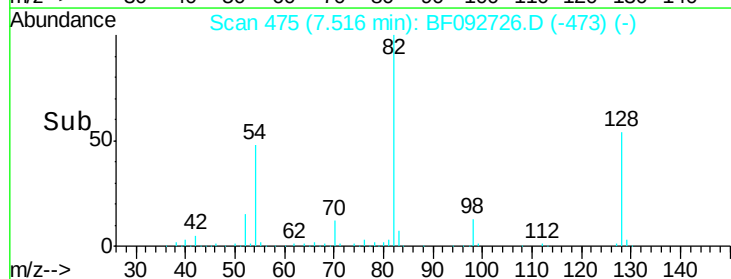
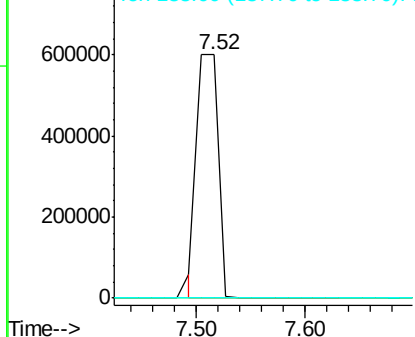


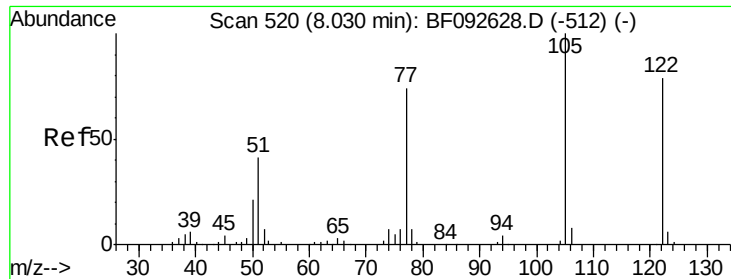
#25
 Isophorone
 Concen: 37.65 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.27 min
 Lab File: BF092726.D
 Acq: 2 Feb 2017 2:36

Tgt Ion: 82 Resp: 831202
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



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

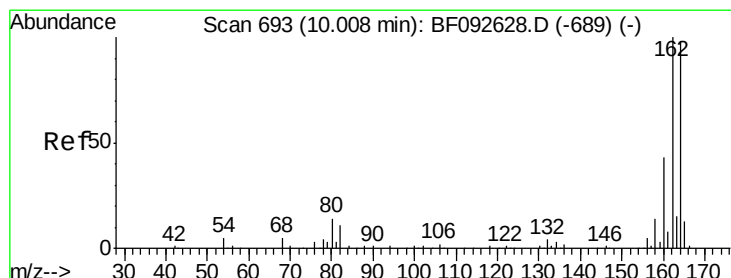
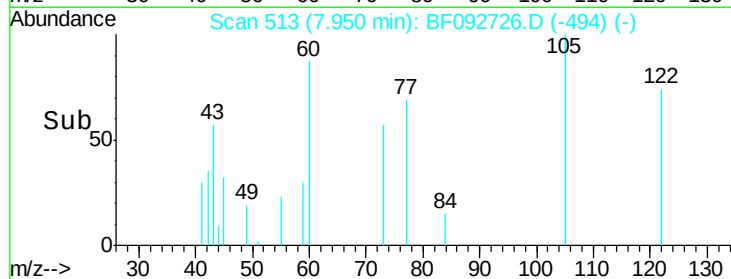
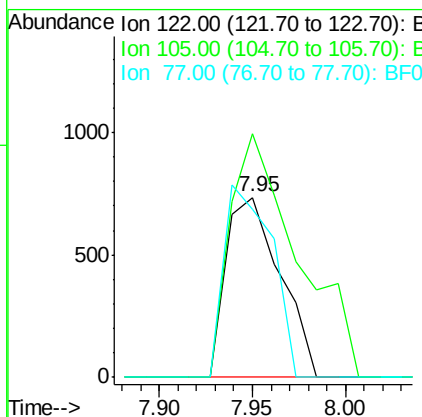
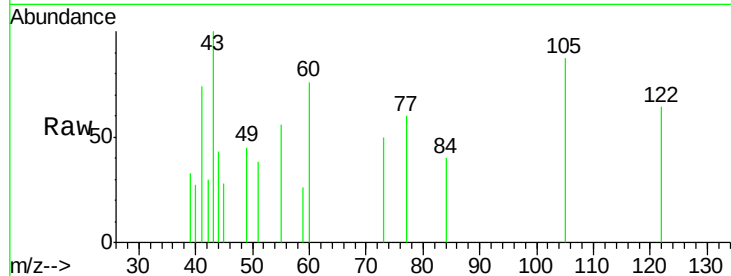




#32
Benzoic acid
Concen: 7.39 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.08 min
Lab File: BF092726.D
Acq: 2 Feb 2017 2:36

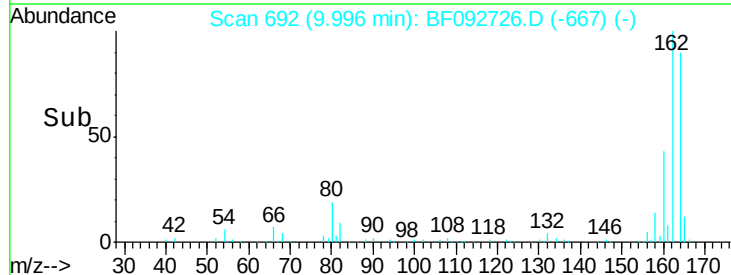
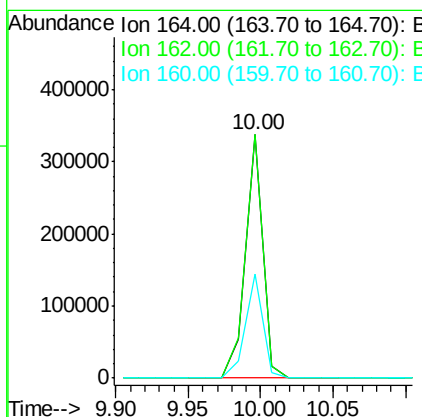
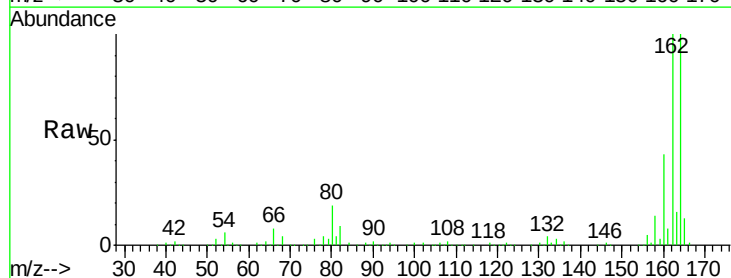
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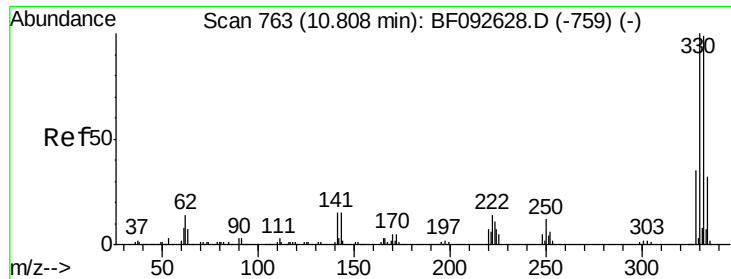
Tgt Ion:122 Resp: 1485
Ion Ratio Lower Upper
122 100
105 135.4 107.2 147.2
77 93.5 74.5 114.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092726.D
Acq: 2 Feb 2017 2:36

Tgt Ion:164 Resp: 281133
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 42.6 36.9 55.3

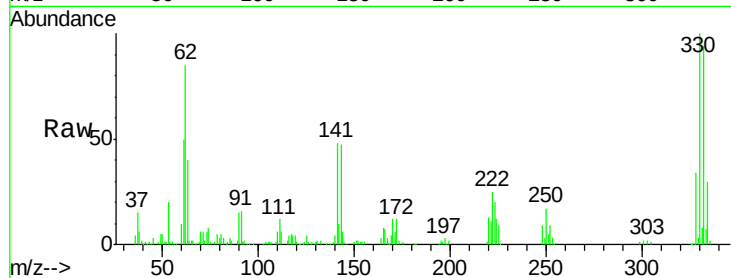




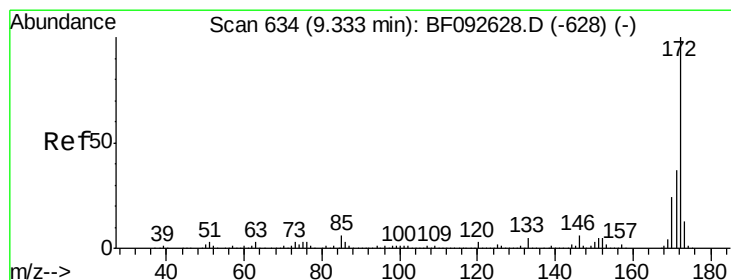
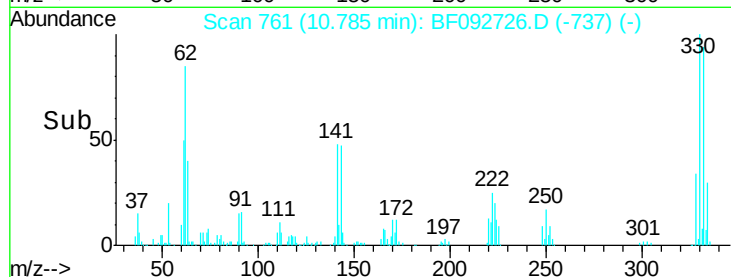
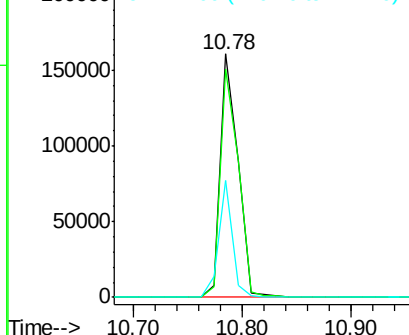
#41
 2,4,6-Tribromophenol
 Concen: 89.77 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BF092726.D
 Acq: 2 Feb 2017 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

Tgt Ion:330 Resp: 182532
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 37.9 34.1 51.1

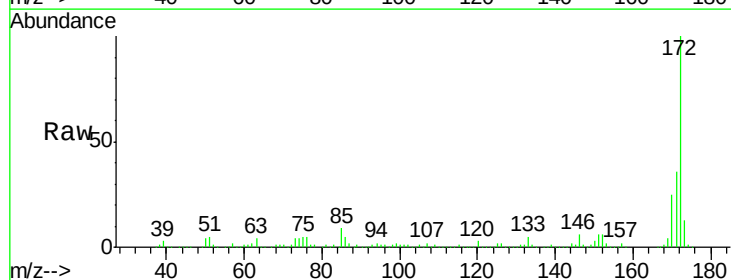


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

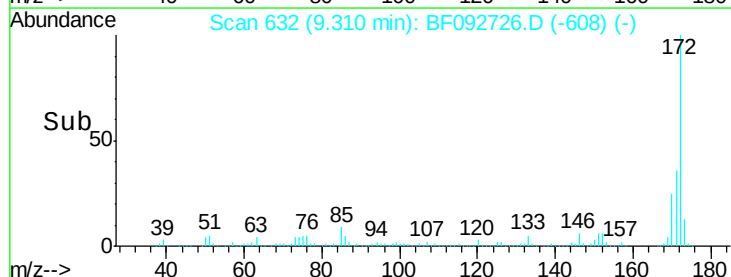
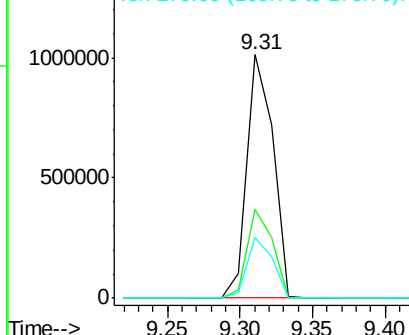


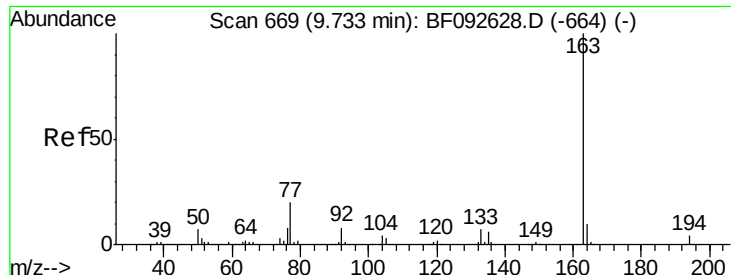
#44
 2-Fluorobiphenyl
 Concen: 81.69 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092726.D
 Acq: 2 Feb 2017 2:36

Tgt Ion:172 Resp: 1267688
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.8 20.2 30.4



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

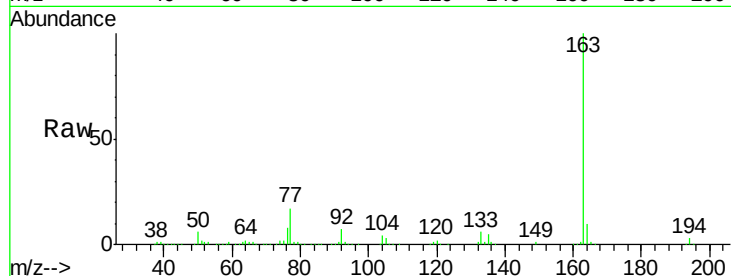




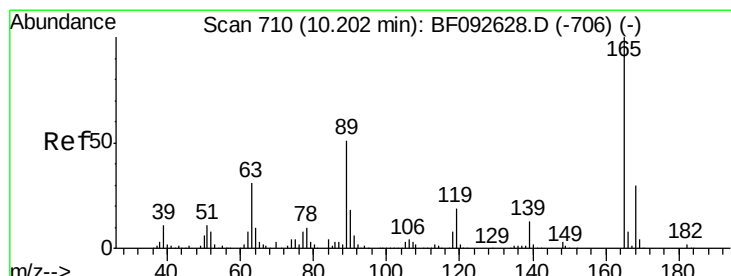
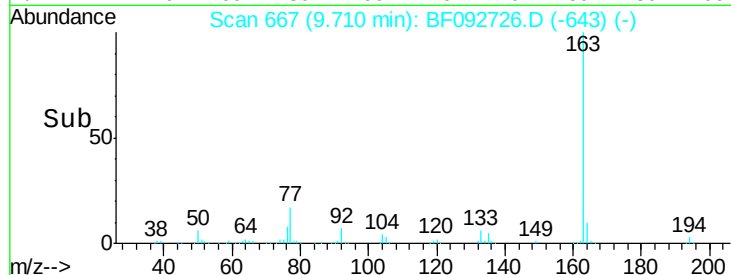
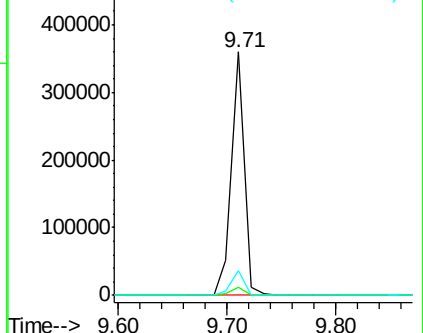
#49
Dimethylphthalate
Concen: 15.47 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092726.D
Acq: 2 Feb 2017 2:36

Instrument :
BNA_F
ClientSampleId :
SB-40-COMP

Tgt Ion:163 Resp: 293008
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.1 8.0 12.0

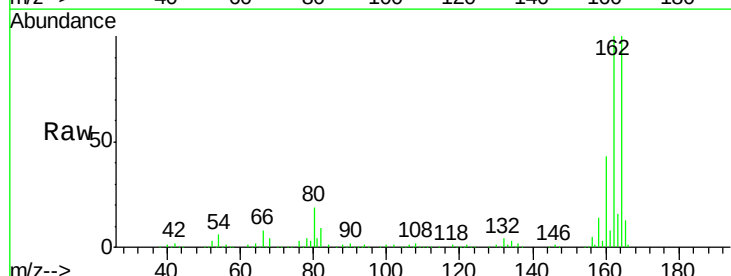


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

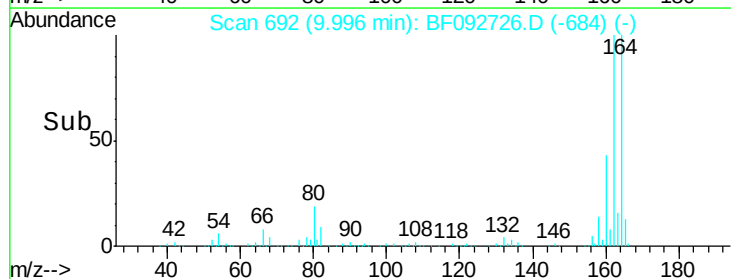
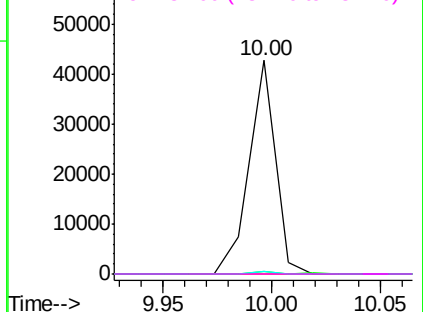


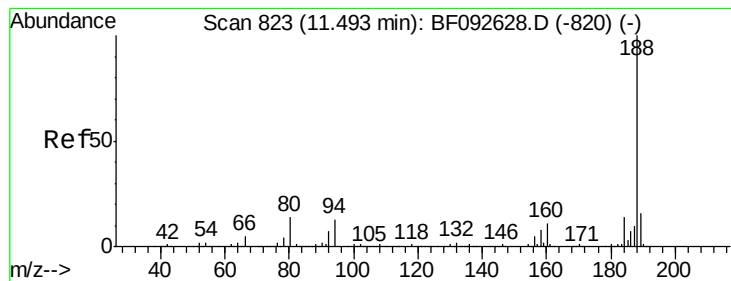
#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.21 min
Lab File: BF092726.D
Acq: 2 Feb 2017 2:36

Tgt Ion:165 Resp: 35938
Ion Ratio Lower Upper
165 100
63 1.5 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#



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: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

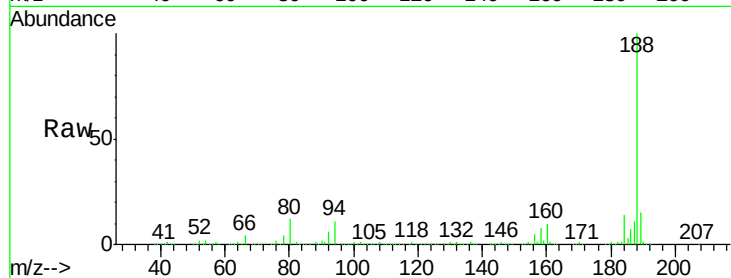
Tgt Ion:188 Resp: 376989

Ion Ratio Lower Upper

188 100

94 11.0 10.0 15.0

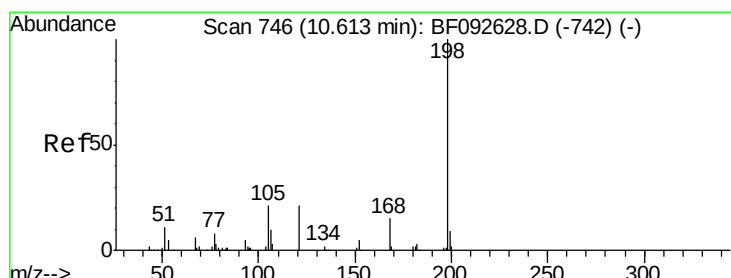
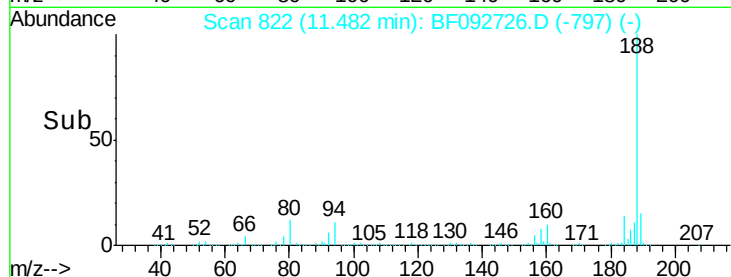
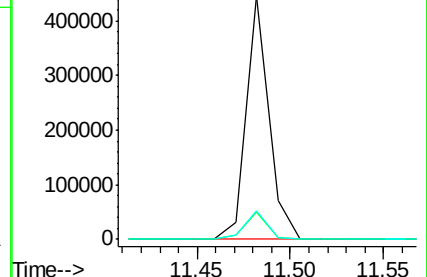
80 11.8 11.2 16.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 2.83 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.17 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

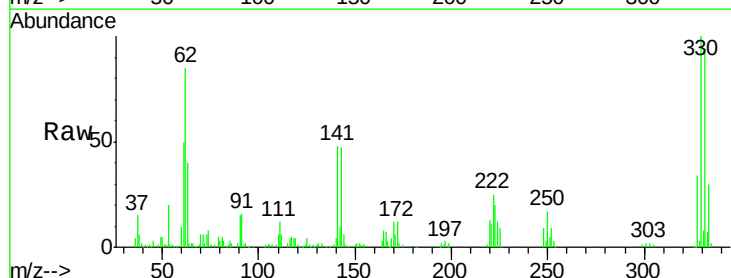
Tgt Ion:198 Resp: 387

Ion Ratio Lower Upper

198 100

51 215.8 6.7 46.7#

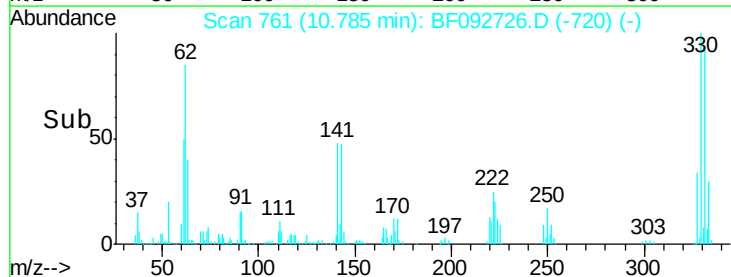
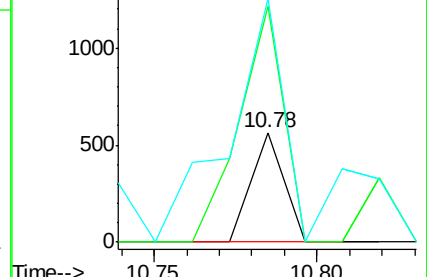
105 222.1 16.6 56.6#

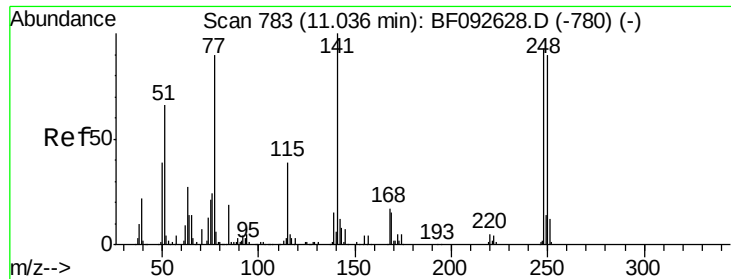


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.42 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.25 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

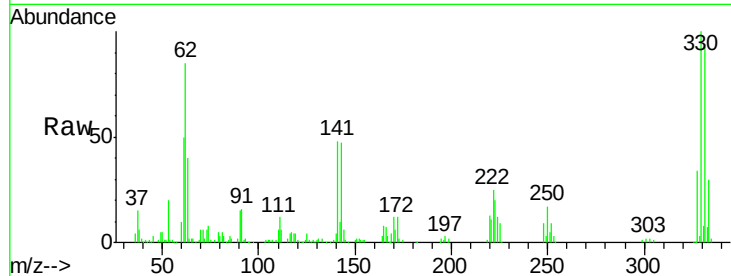
Tgt Ion:248 Resp: 13485

Ion Ratio Lower Upper

248 100

250 189.6 76.9 115.3#

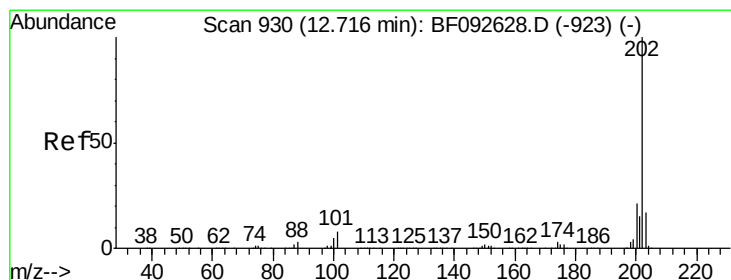
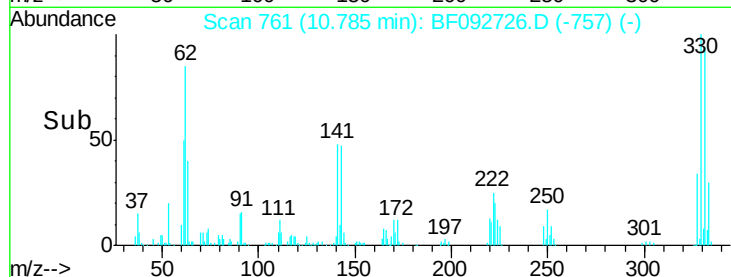
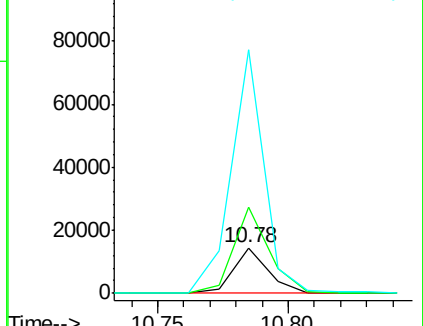
141 535.4 68.2 102.4#



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



#74

Fluoranthene

Concen: 2.19 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

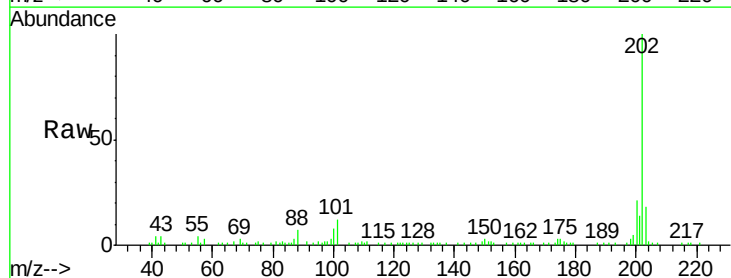
Tgt Ion:202 Resp: 48825

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.6

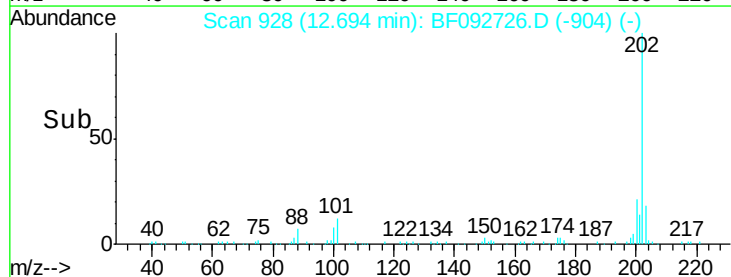
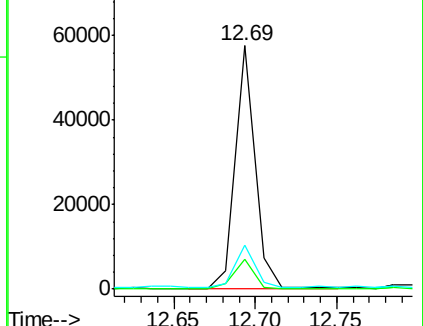
203 17.9 0.0 38.7

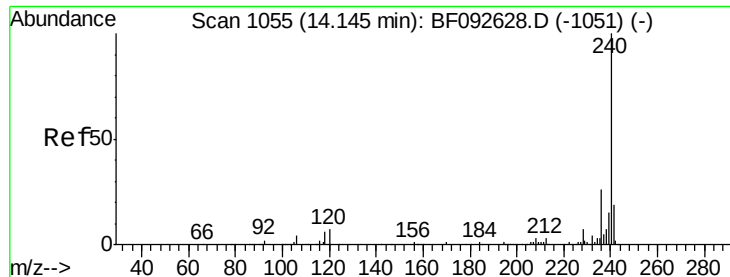


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

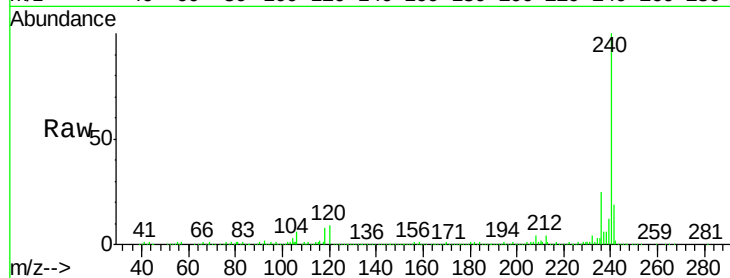
Tgt Ion:240 Resp: 324391

Ion Ratio Lower Upper

240 100

120 9.1 12.9 19.3#

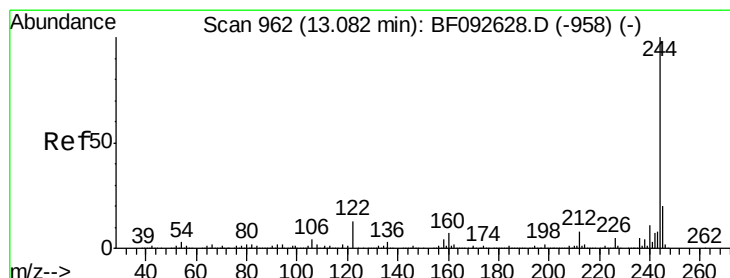
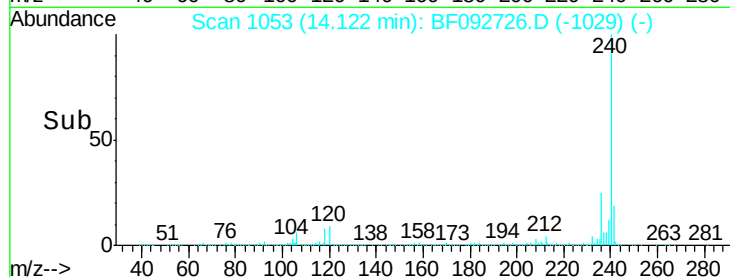
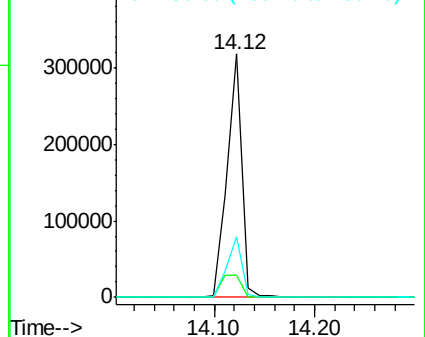
236 25.1 20.9 31.3



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: 59.77 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

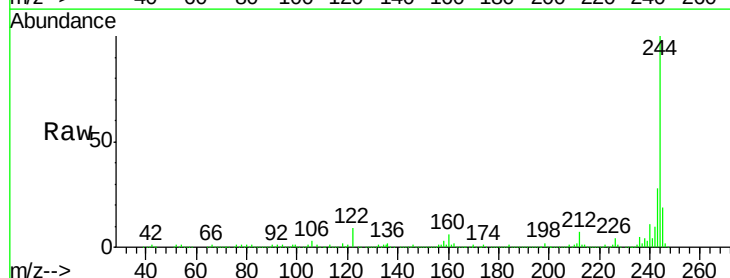
Tgt Ion:244 Resp: 825128

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

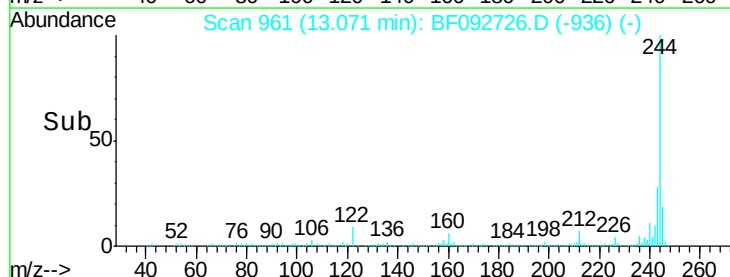
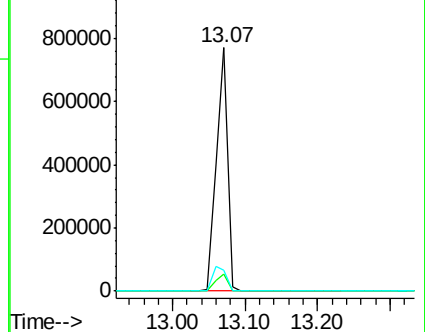
122 8.8 11.4 17.2#

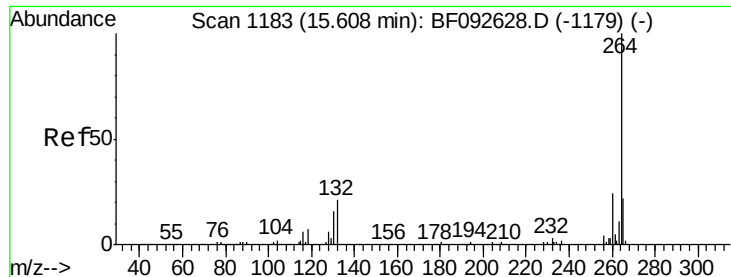


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

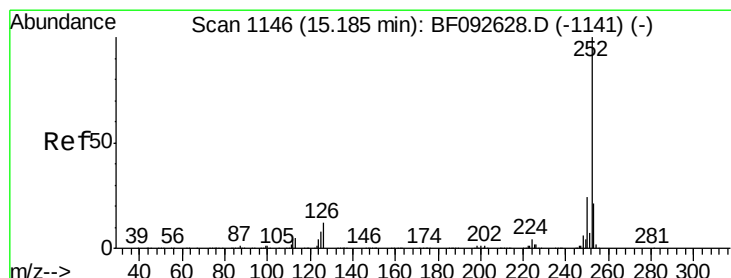
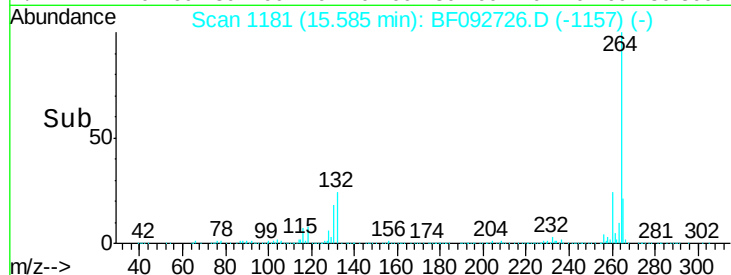
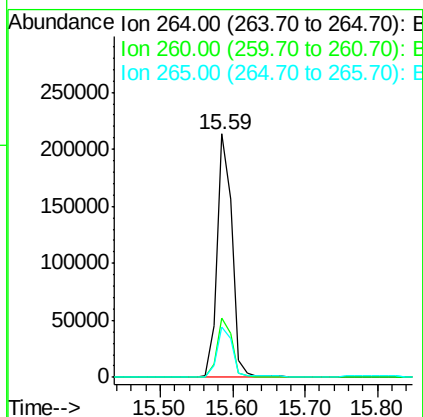
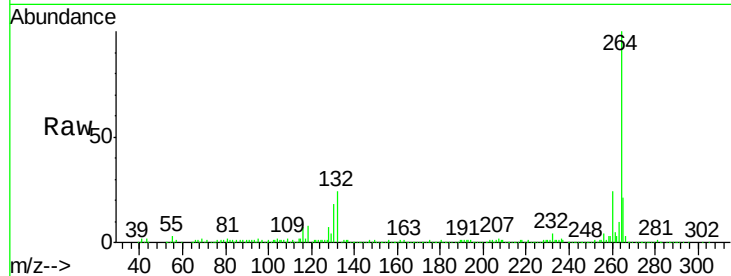




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF092726.D
Acq: 2 Feb 2017 2:36

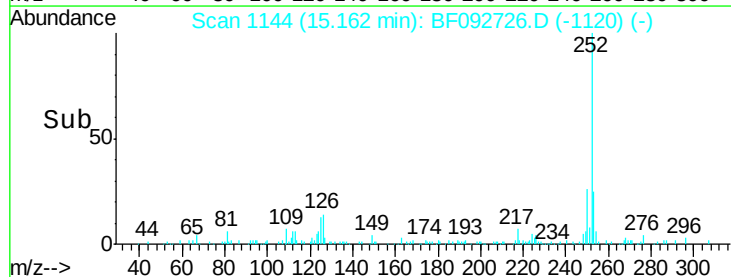
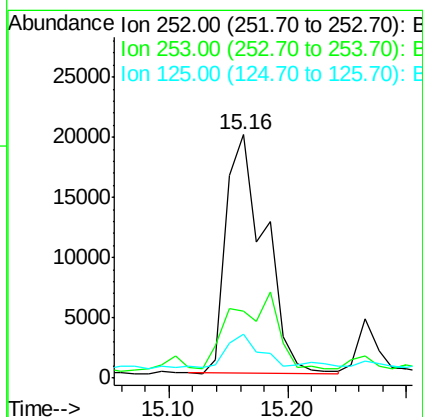
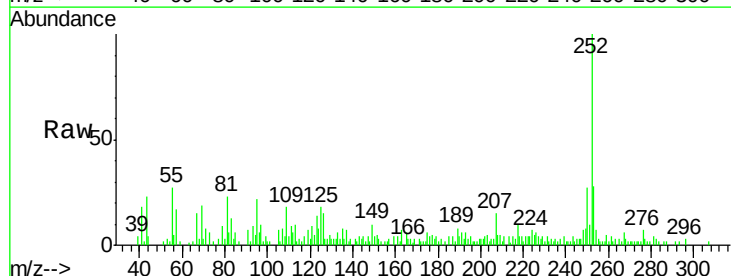
Instrument :
BNA_F
ClientSampleId :
SB-40-COMP

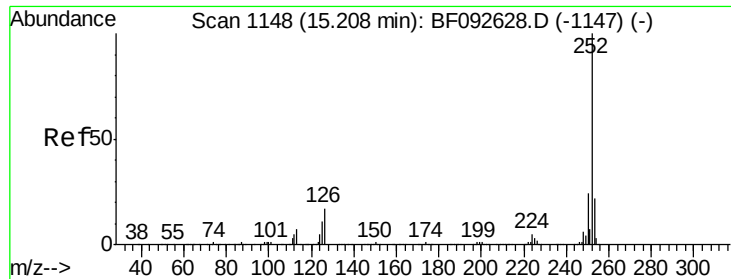
Tgt Ion:264 Resp: 306235
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 20.9 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 2.22 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF092726.D
Acq: 2 Feb 2017 2:36

Tgt Ion:252 Resp: 44714
Ion Ratio Lower Upper
252 100
253 27.7 18.2 27.4#
125 17.9 9.8 14.6#





#88

Benzo(k)fluoranthene

Concen: 2.56 ng

RT: 15.16 min Scan# 1144

Delta R.T. -0.05 min

Lab File: BF092726.D

Acq: 2 Feb 2017 2:36

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

Tgt Ion: 252 Resp: 44582

Ion Ratio Lower Upper

252 100

253 27.7 18.5 27.7

125 17.9 8.9 13.3#

