

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
 Data File : BF089038.D
 Acq On : 16 Jul 2016 3:34
 Operator : UM/SJ
 Sample : H4020-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Quant Time: Jul 16 04:37:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

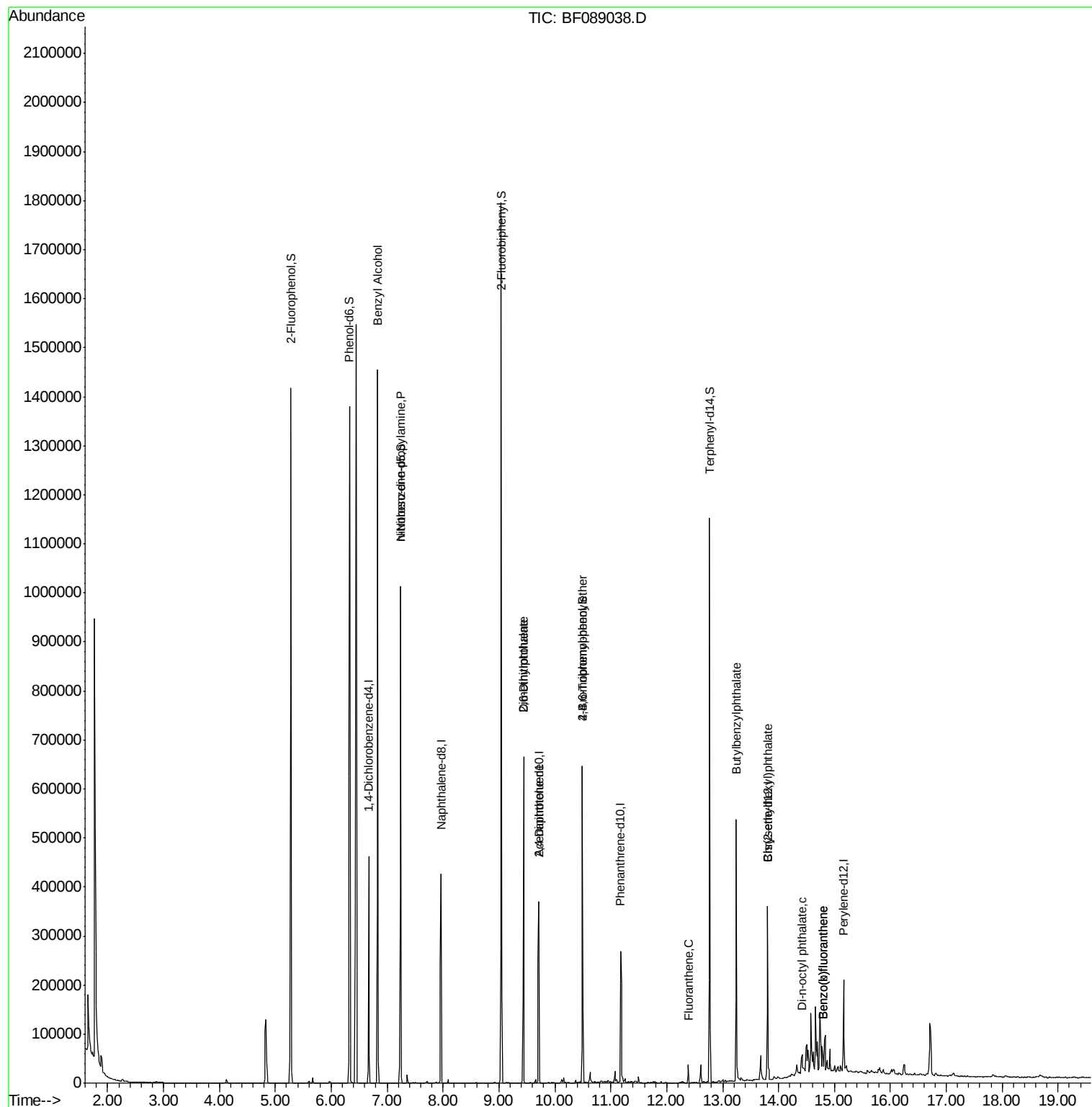
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	61110	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	232076	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	90011	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	129732	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	107021	20.00	ng	-0.05
86) Perylene-d12	15.17	264	70957	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	451551	110.74	ng	-0.01
7) Phenol-d6	6.33	99	507780	96.38	ng	-0.02
23) Nitrobenzene-d5	7.24	82	351652	79.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	59315	70.96	ng	-0.05
44) 2-Fluorobiphenyl	9.04	172	504284	88.50	ng	-0.03
78) Terphenyl-d14	12.77	244	307142	63.92	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.83	79	8401	2.17	ng	# 46
19) n-Nitroso-di-n-propylamine	7.24	70	48680	13.76	ng	# 73
49) Dimethylphthalate	9.44	163	257714	40.19	ng	99
50) 2,6-Dinitrotoluene	9.44	165	2976	2.09	ng	# 1
56) 2,4-Dinitrotoluene	9.71	165	11397	6.13	ng	# 36
66) 4-Bromophenyl-phenylether	10.49	248	4778	3.65	ng	# 1
74) Fluoranthene	12.39	202	17980	2.50	ng	95
79) Butylbenzylphthalate	13.25	149	121766	30.08	ng	88
83) Bis(2-ethylhexyl)phthalate	13.81	149	11223	2.43	ng	# 95
84) Di-n-octyl phthalate	14.42	149	20978	2.67	ng	# 100
87) Benzo(b)fluoranthene	14.80	252	11443	2.57	ng	# 88
88) Benzo(k)fluoranthene	14.80	252	11443	2.95	ng	94

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

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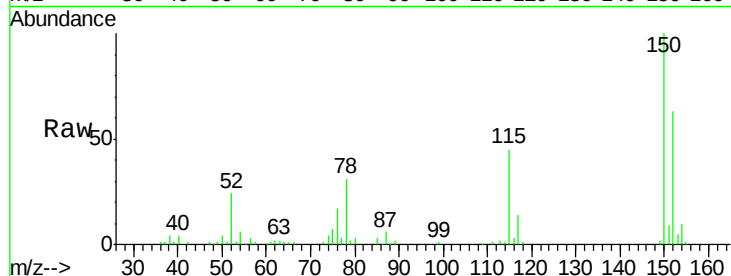


#1

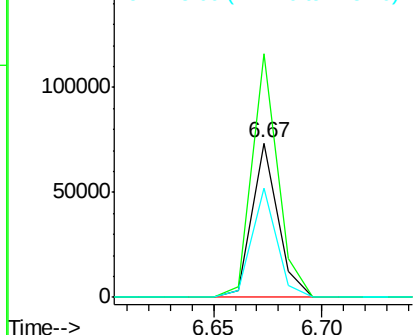
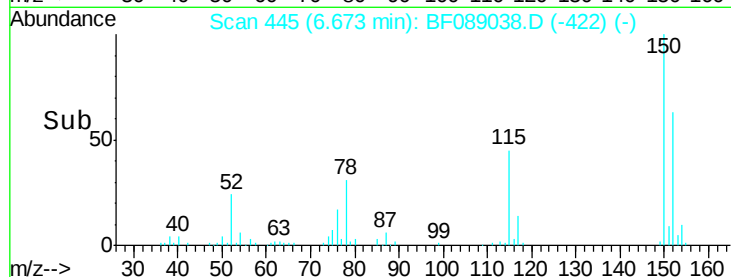
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.03 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion:152 Resp: 61110
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.8 185.6
 115 70.8 39.6 59.4#



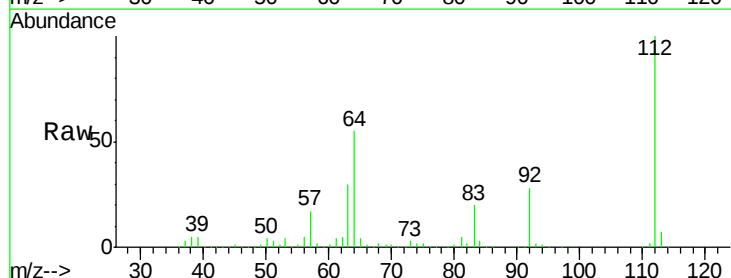
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



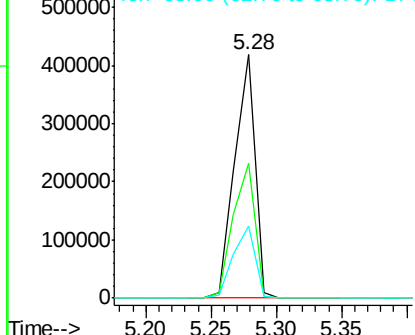
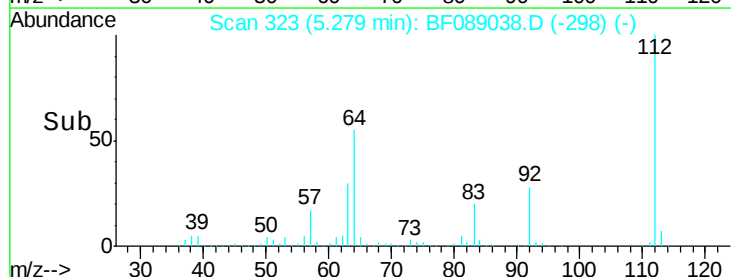
#5

2-Fluorophenol
 Concen: 110.74 ng
 RT: 5.28 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

Tgt Ion:112 Resp: 451551
 Ion Ratio Lower Upper
 112 100
 64 55.3 42.2 63.2
 63 29.6 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: 96.38 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089038.D

Acq: 16 Jul 2016 3:34

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

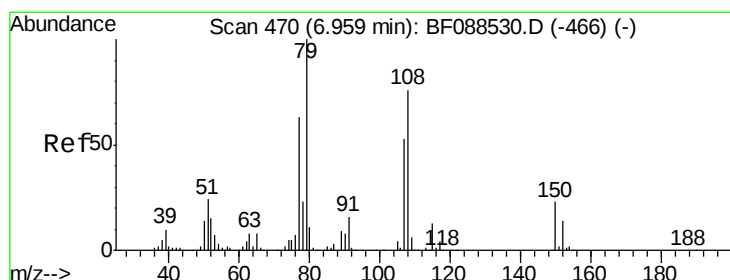
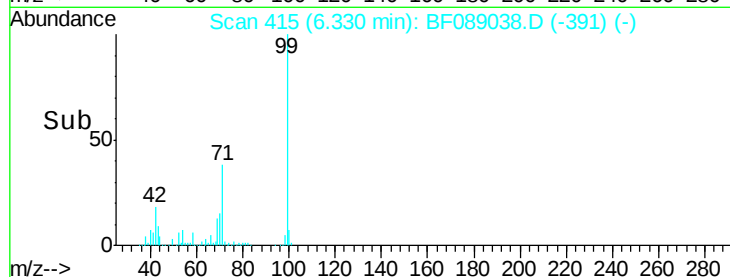
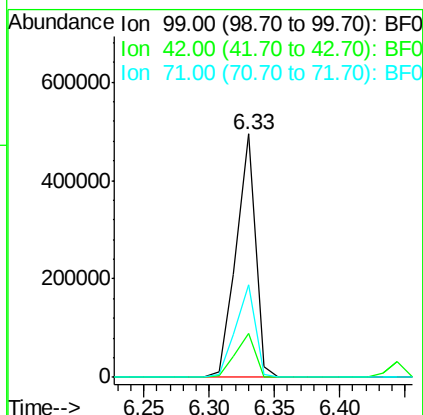
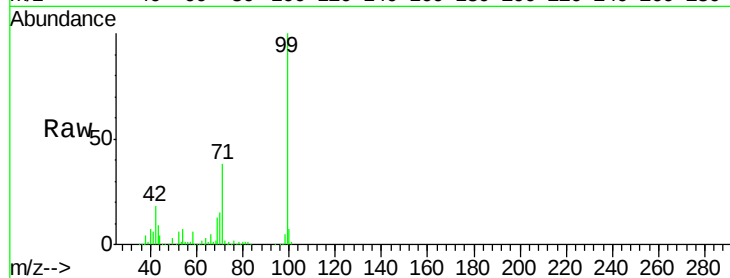
Tgt Ion: 99 Resp: 507780

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 38.0 23.4 35.0#



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF089038.D

Acq: 16 Jul 2016 3:34

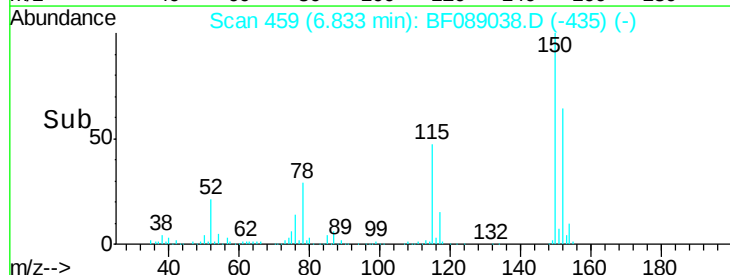
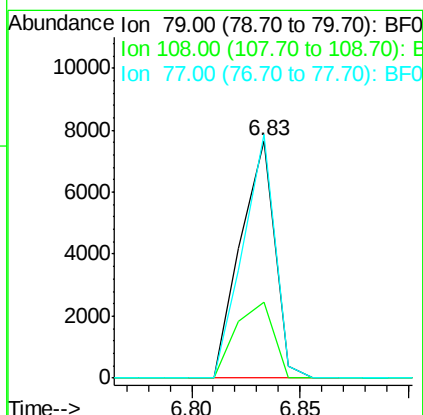
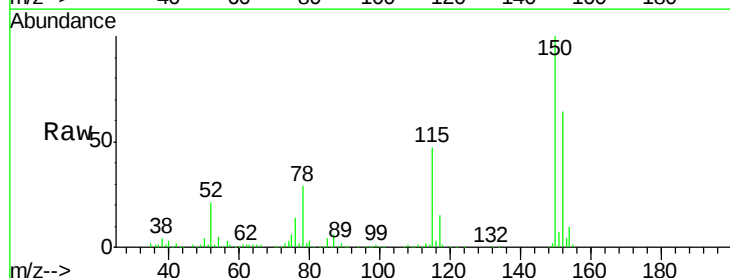
Tgt Ion: 79 Resp: 8401

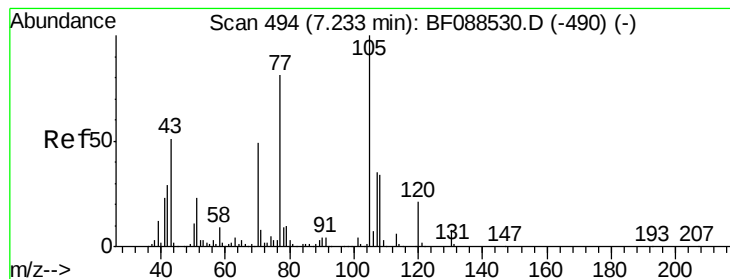
Ion Ratio Lower Upper

79 100

108 31.9 65.0 97.6#

77 102.6 50.3 75.5#





#19

n-Nitroso-di-n-propylamine

Concen: 13.76 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.10 min

Lab File: BF089038.D

Acq: 16 Jul 2016 3:34

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

Tgt Ion: 70 Resp: 48680

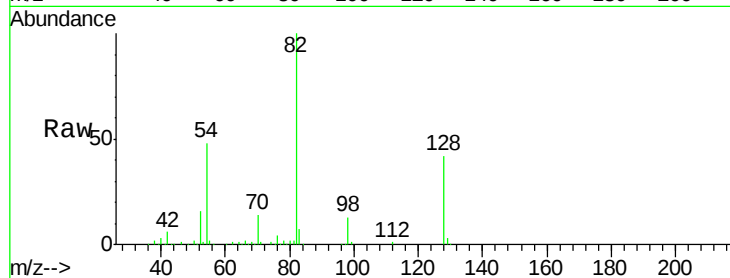
Ion Ratio Lower Upper

70 100

42 43.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

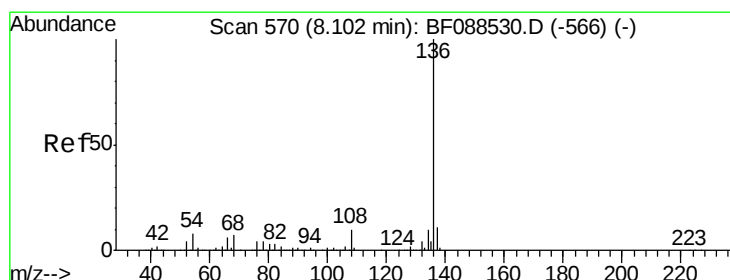
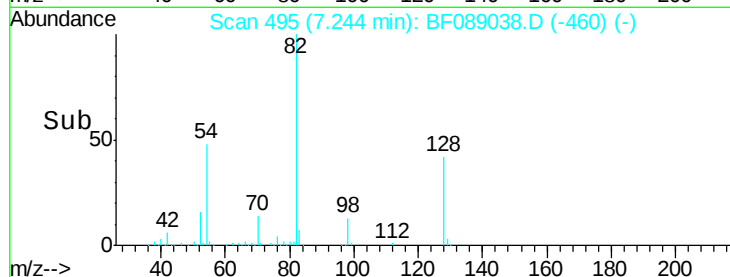
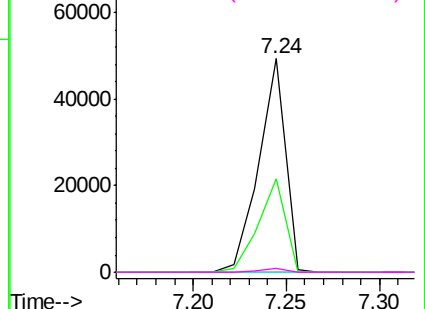


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF089038.D

Acq: 16 Jul 2016 3:34

Tgt Ion: 136 Resp: 232076

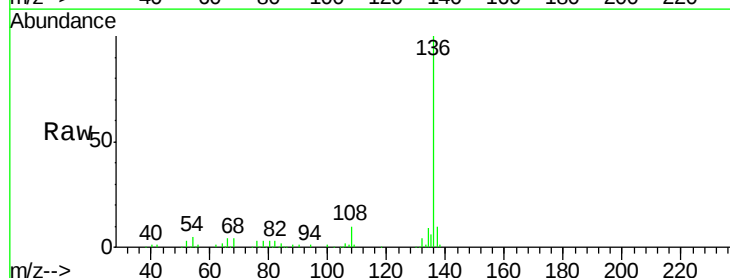
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.1 6.6 10.0#

68 4.0 5.1 7.7#

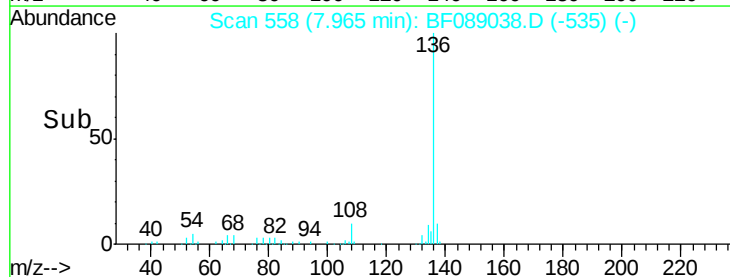
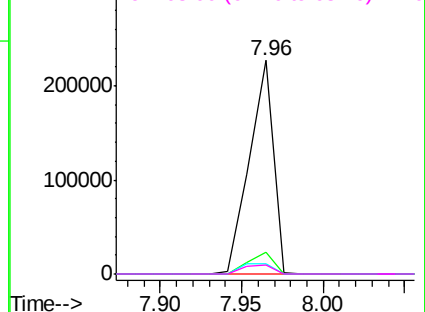


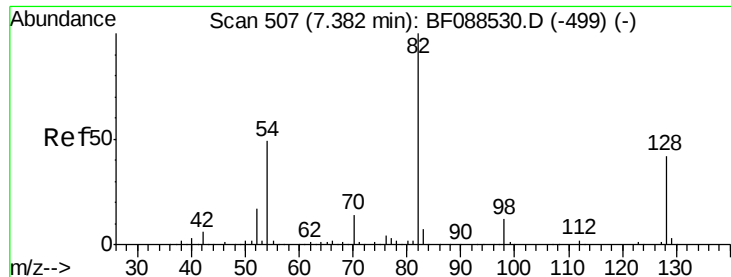
Abundance Ion 136.00 (135.70 to 136.70): E

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

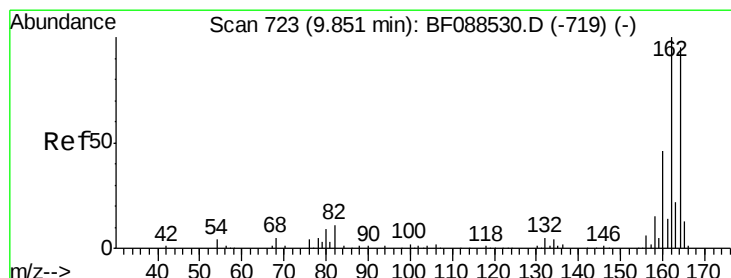
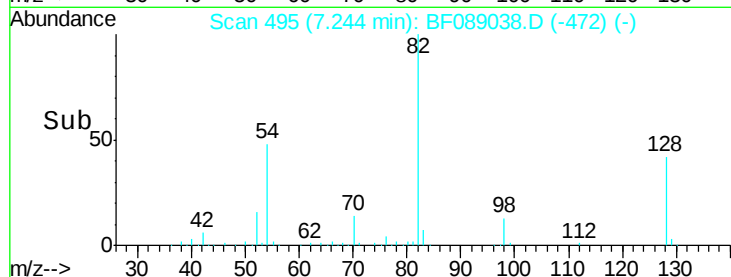
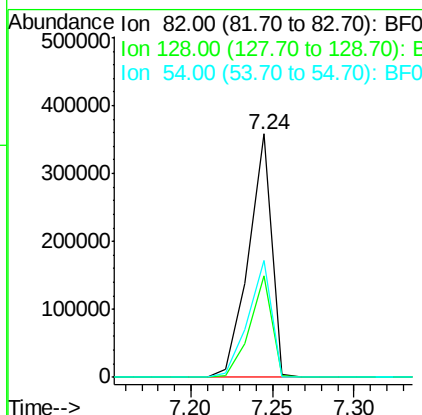
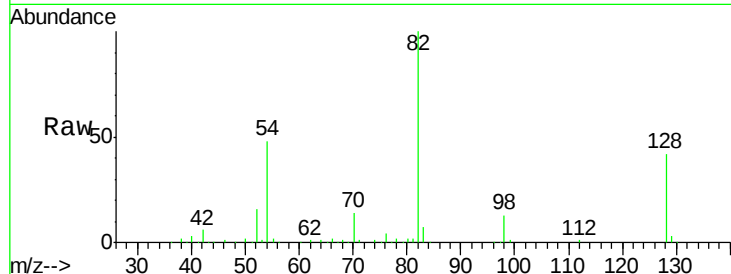




#23
 Nitrobenzene-d5
 Concen: 79.41 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

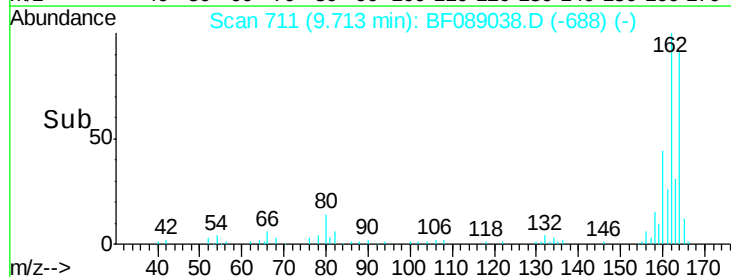
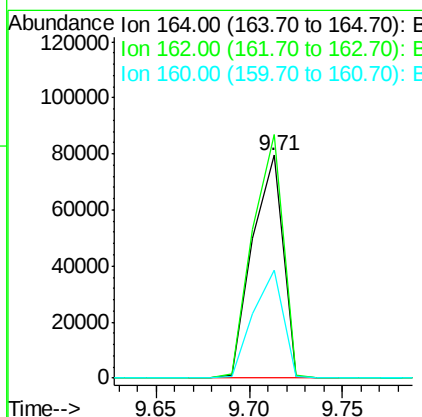
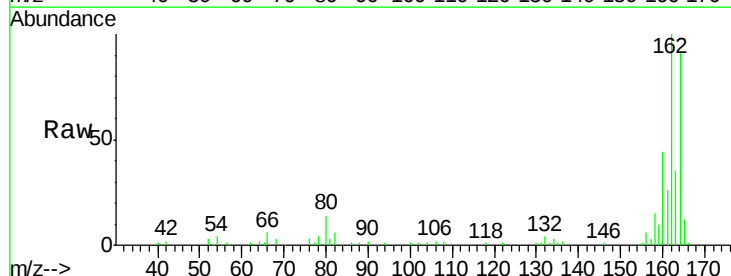
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.9	53.9
54	47.9	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.4	85.4	128.2
160	48.5	39.5	59.3

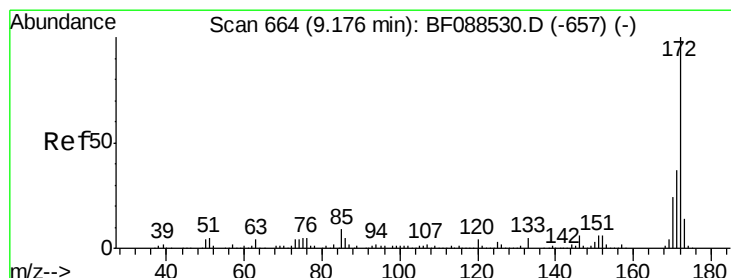
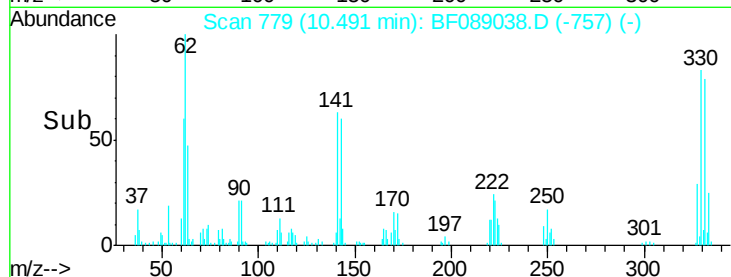
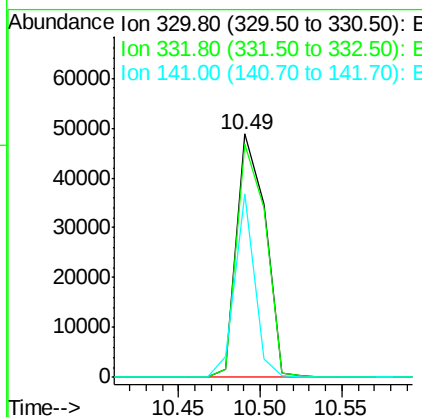
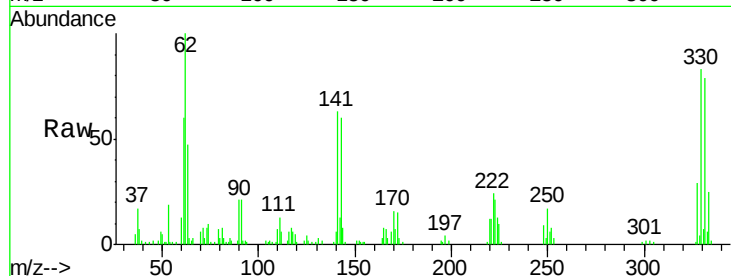




#41
 2,4,6-Tribromophenol
 Concen: 70.96 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

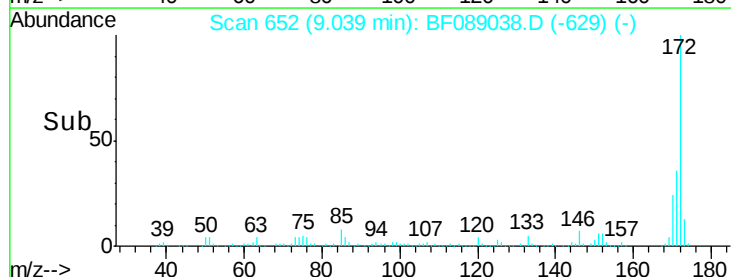
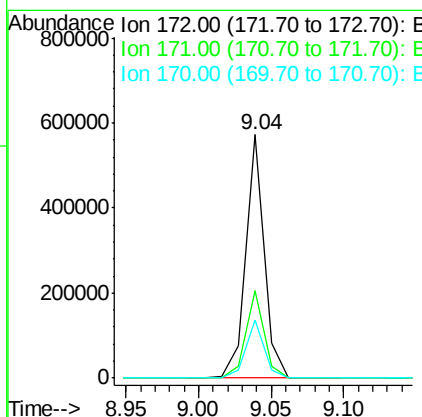
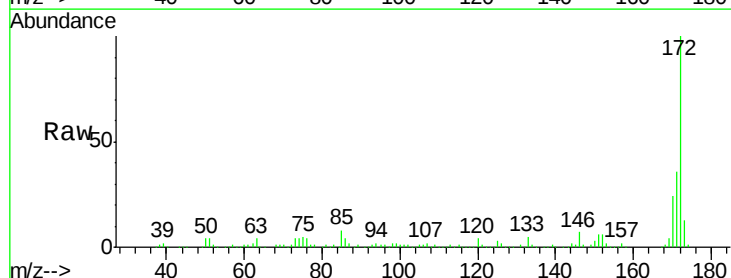
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

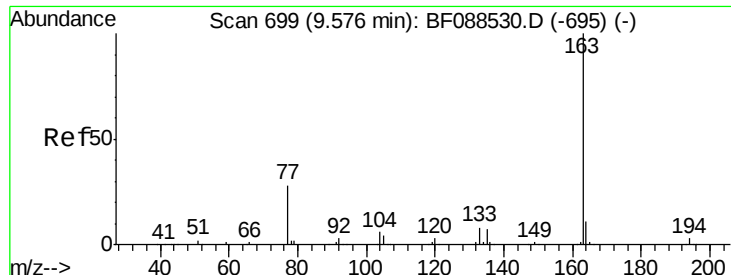
Tgt Ion:330 Resp: 59315
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 52.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 88.50 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

Tgt Ion:172 Resp: 504284
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.9 19.2 28.8

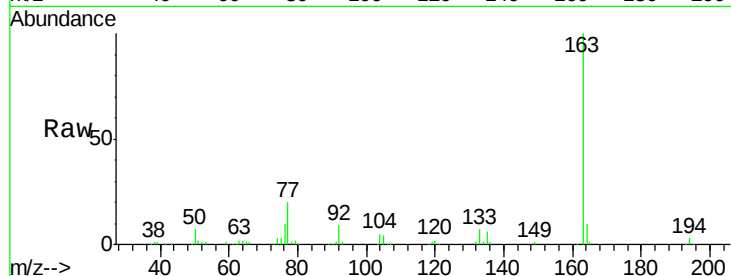




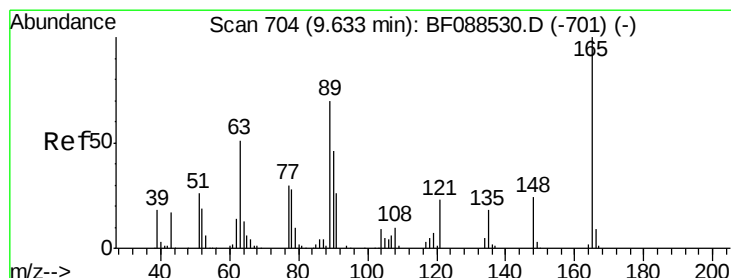
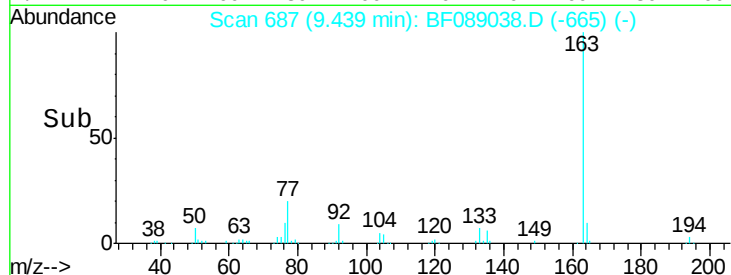
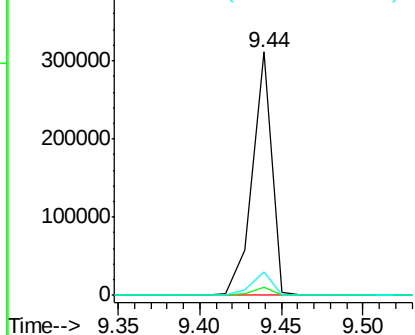
#49
Dimethylphthalate
Concen: 40.19 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF089038.D
Acq: 16 Jul 2016 3:34

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tgt Ion:163 Resp: 257714
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.9 8.3 12.5

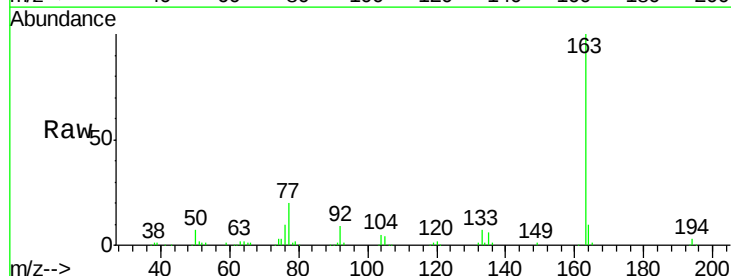


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

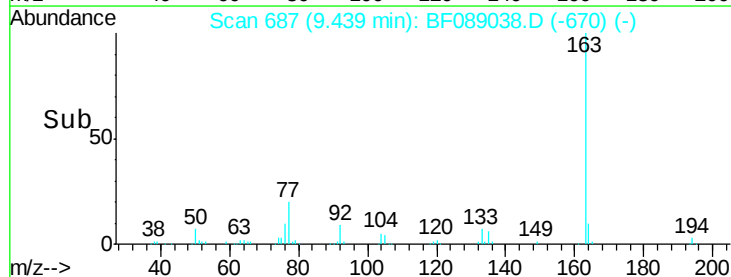
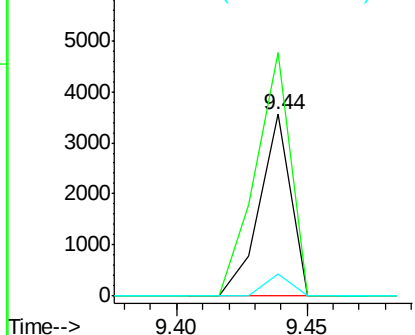


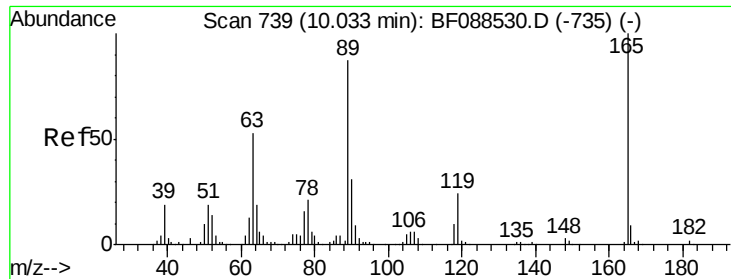
#50
2,6-Dinitrotoluene
Concen: 2.09 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.10 min
Lab File: BF089038.D
Acq: 16 Jul 2016 3:34

Tgt Ion:165 Resp: 2976
Ion Ratio Lower Upper
165 100
63 133.9 28.1 42.1#
89 12.5 32.2 48.2#



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

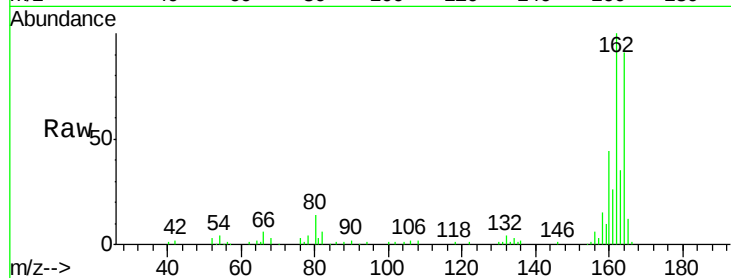




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.23 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion:	165	Resp:	11397
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

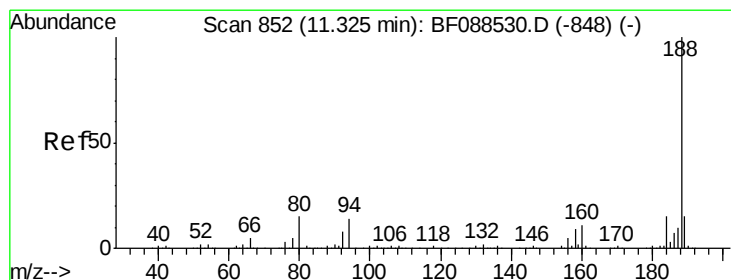
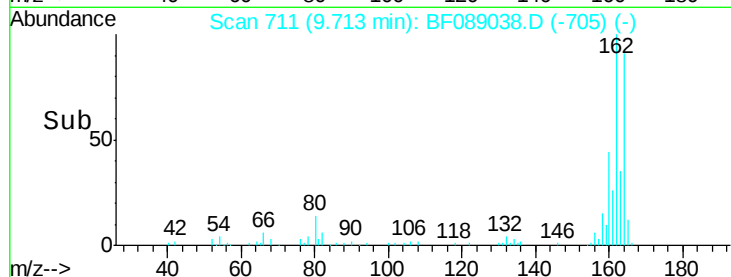
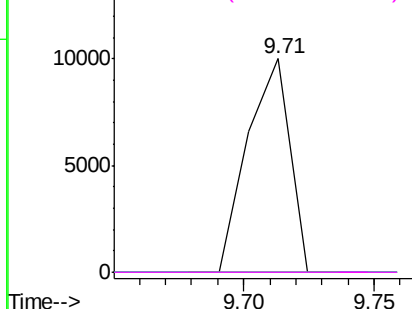


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

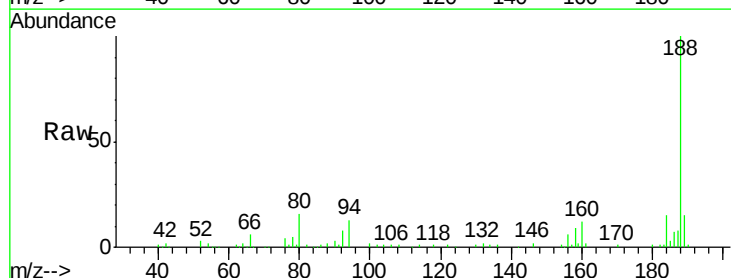
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.05 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

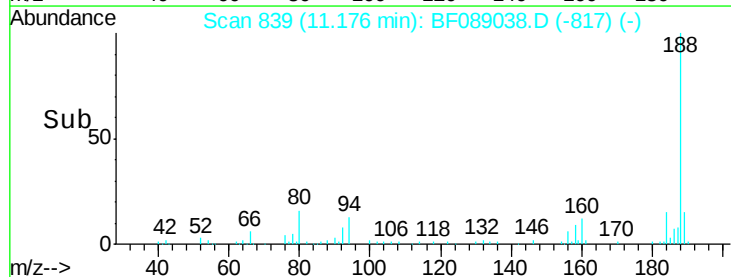
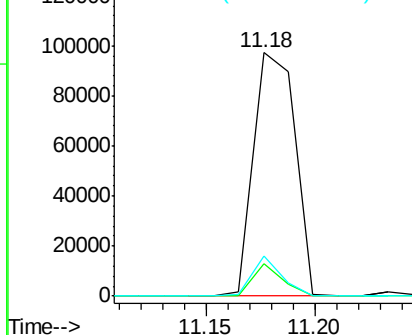
Tgt Ion:	188	Resp:	129732
Ion	Ratio	Lower	Upper
188	100		
94	13.2	9.0	13.6
80	16.4	10.0	15.0#

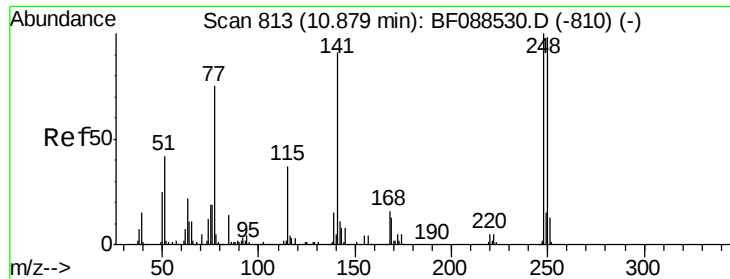


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

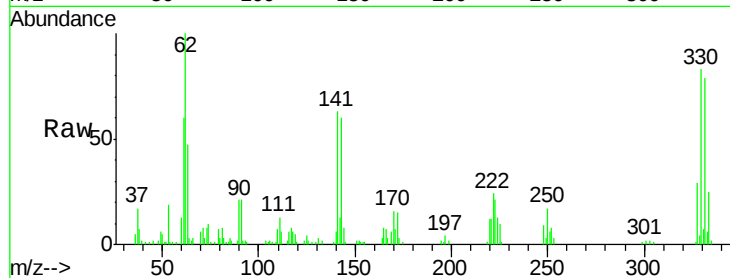




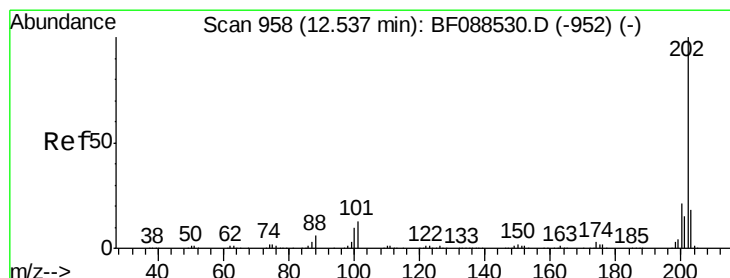
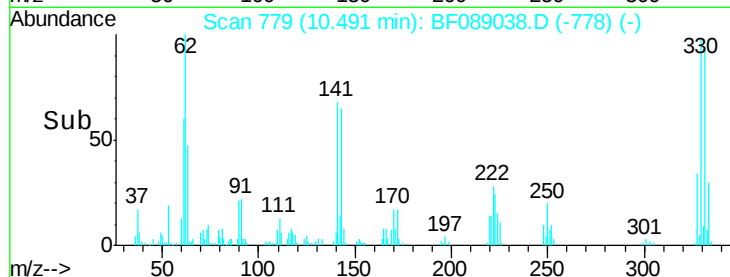
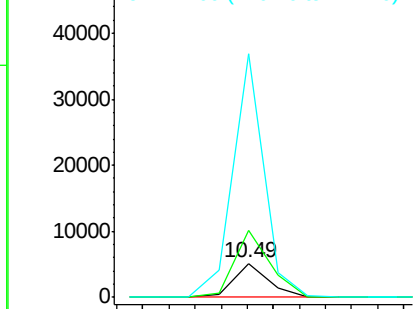
#66
 4-Bromophenyl-phenylether
 Concen: 3.65 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.29 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion:248 Resp: 4778
 Ion Ratio Lower Upper
 248 100
 250 197.2 77.1 115.7#
 141 722.6 50.6 76.0#

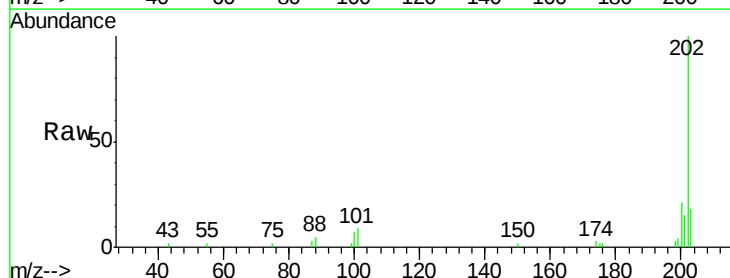


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

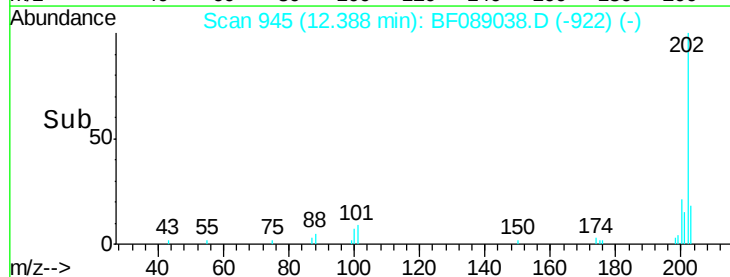
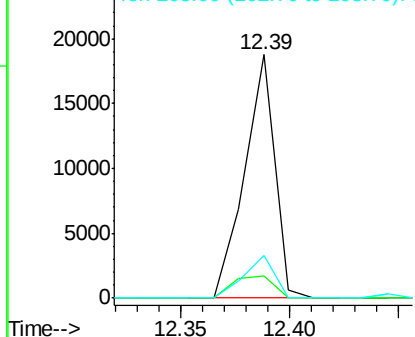


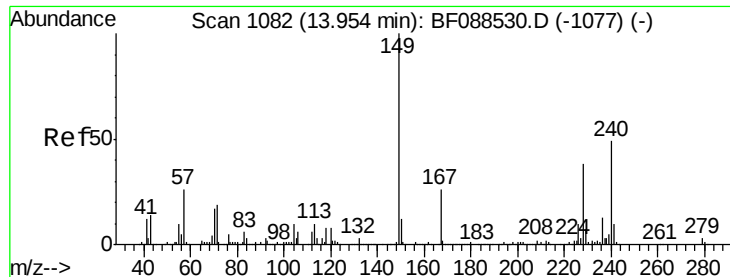
#74
 Fluoranthene
 Concen: 2.50 ng
 RT: 12.39 min Scan# 945
 Delta R.T. -0.03 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

Tgt Ion:202 Resp: 17980
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 33.1
 203 17.6 0.0 38.1



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: 13.81 min Scan# 1069

Delta R.T. -0.05 min

Lab File: BF089038.D

Acq: 16 Jul 2016 3:34

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

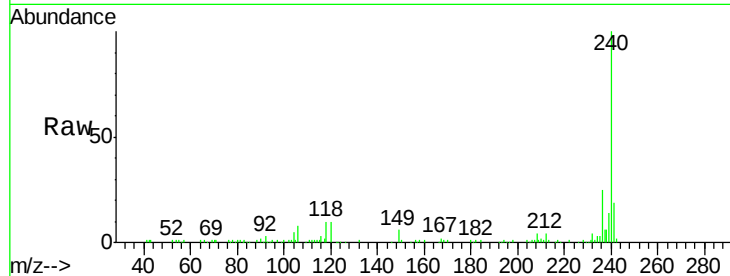
Tgt Ion:240 Resp: 107021

Ion Ratio Lower Upper

240 100

120 10.3 6.8 10.2#

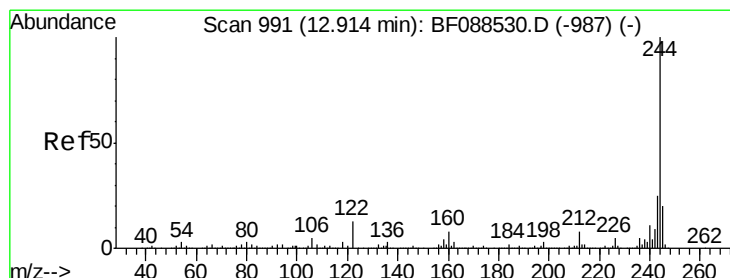
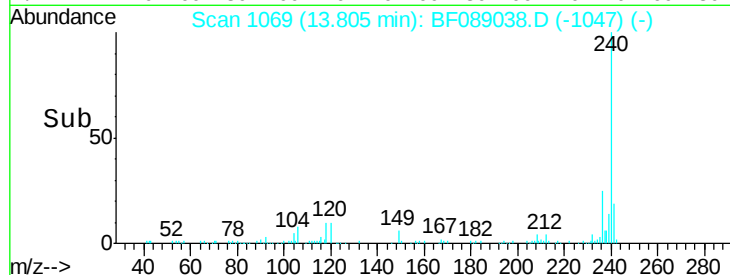
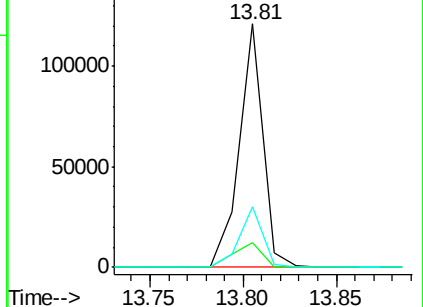
236 25.1 20.2 30.2



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: 63.92 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF089038.D

Acq: 16 Jul 2016 3:34

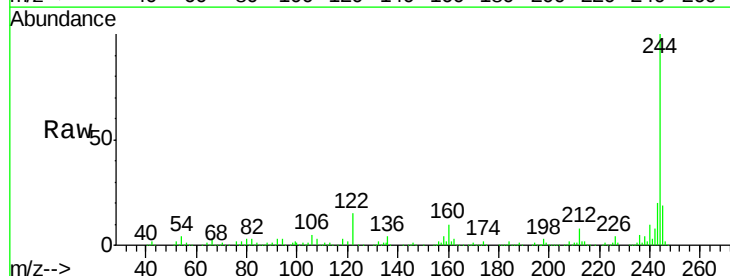
Tgt Ion:244 Resp: 307142

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

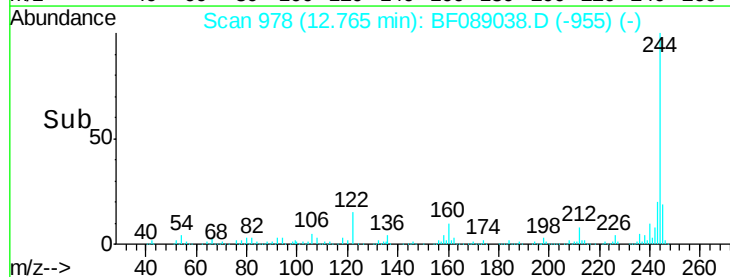
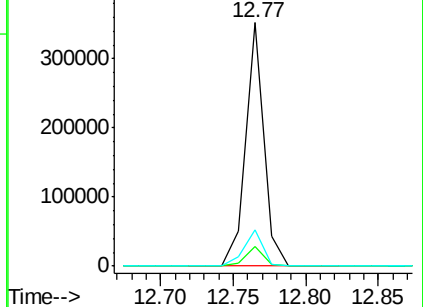
122 14.9 11.2 16.8

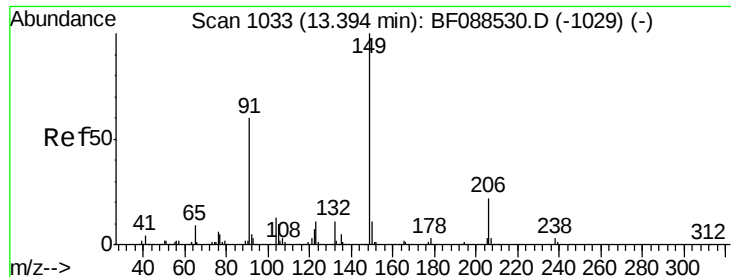


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

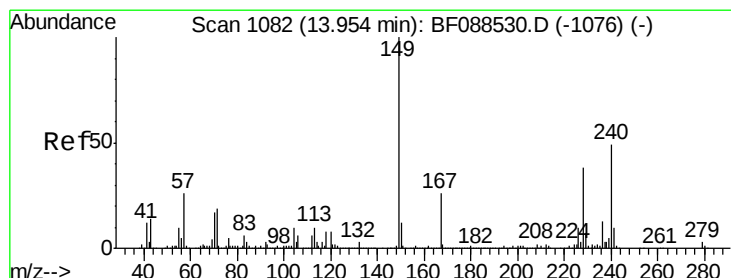
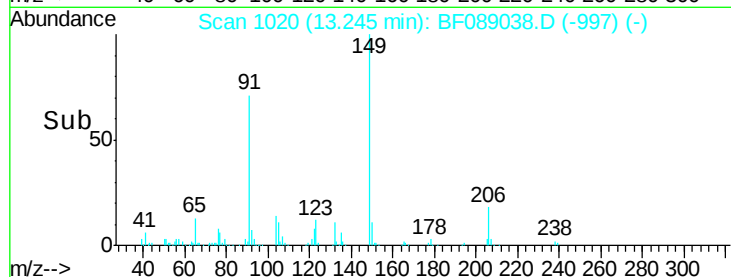
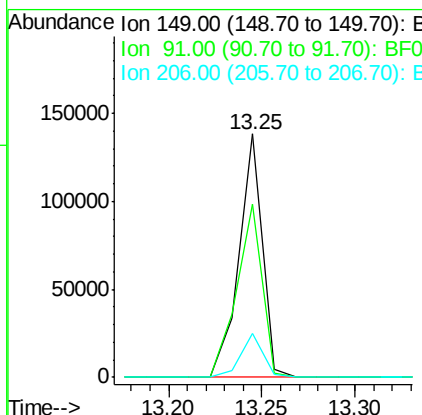
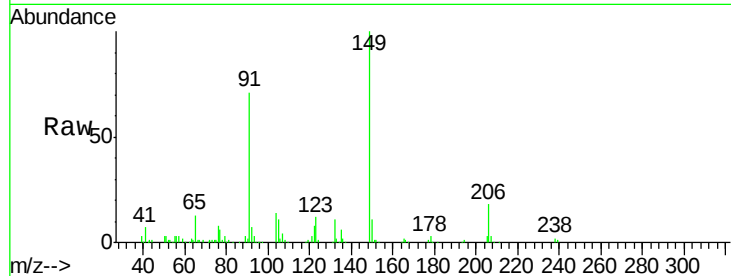




#79
 Butylbenzylphthalate
 Concen: 30.08 ng
 RT: 13.25 min Scan# 1020
 Delta R.T. -0.03 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

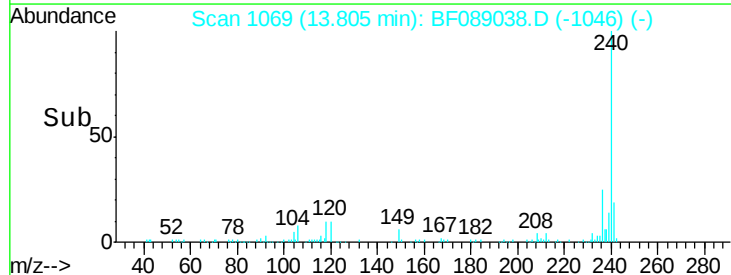
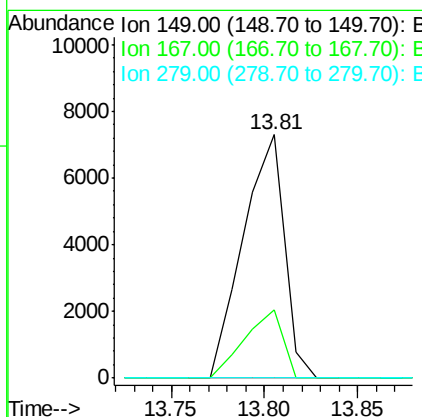
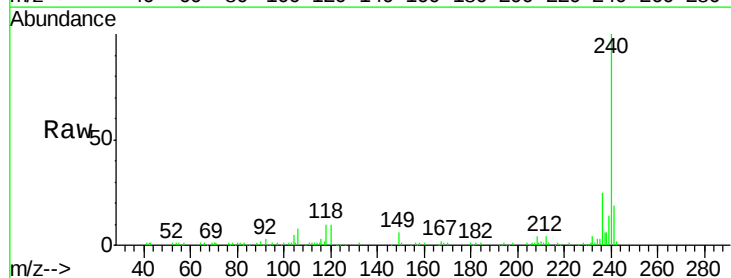
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

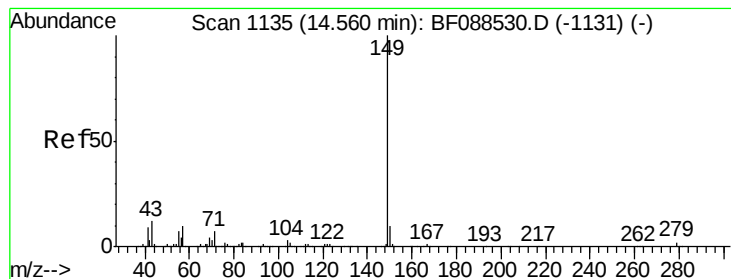
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	48.0	72.0
206	18.1	16.0	24.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.43 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.03 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	20.5	30.7
279	0.0	2.0	3.0#





#84

Di-n-octyl phthalate

Concen: 2.67 ng

RT: 14.42 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BF089038.D

Acq: 16 Jul 2016 3:34

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

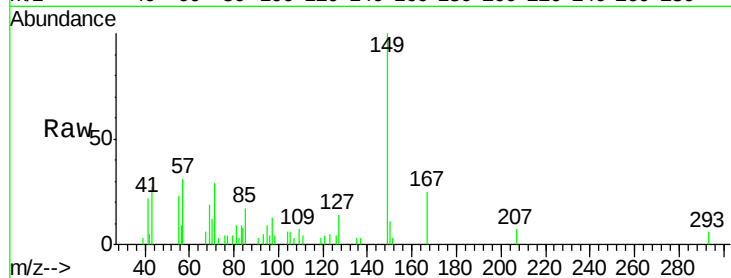
Tgt Ion:149 Resp: 20978

Ion Ratio Lower Upper

149 100

167 27.6 0.0 0.0#

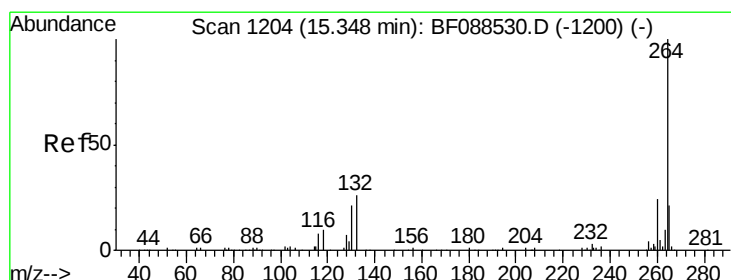
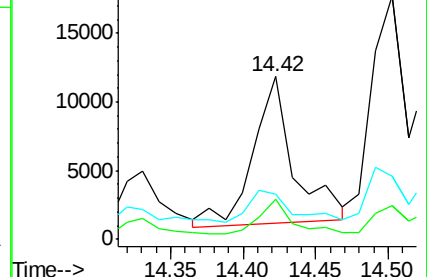
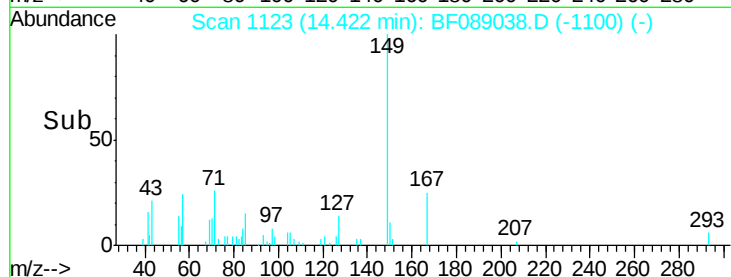
43 24.6 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1188

Delta R.T. -0.05 min

Lab File: BF089038.D

Acq: 16 Jul 2016 3:34

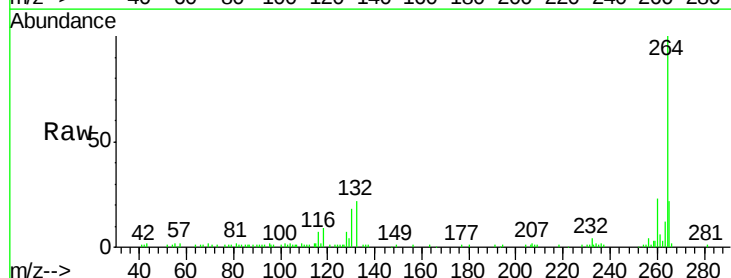
Tgt Ion:264 Resp: 70957

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

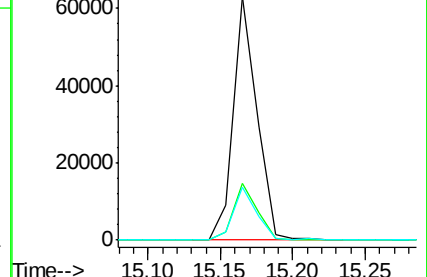
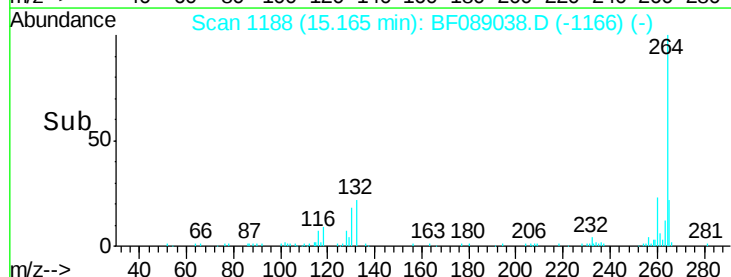
265 21.8 16.9 25.3

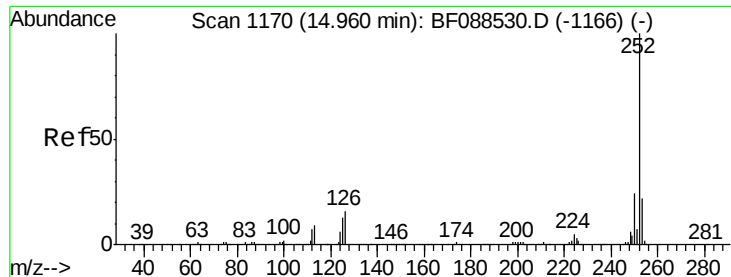


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

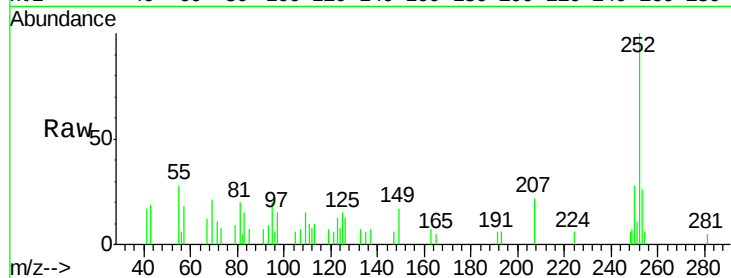




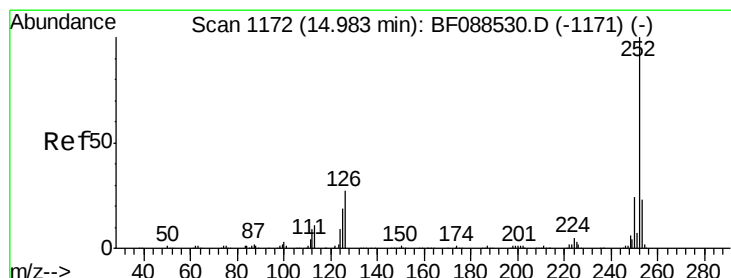
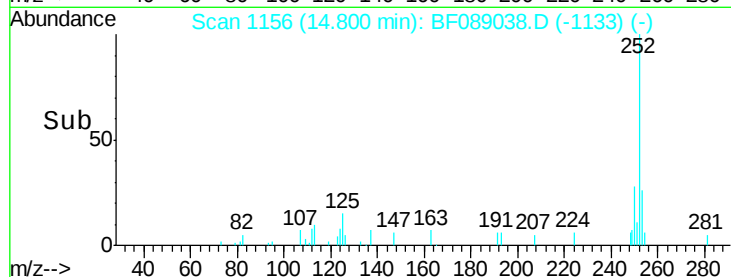
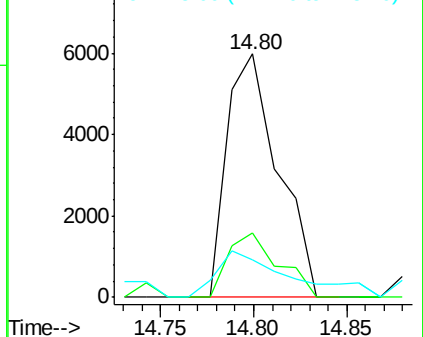
#87
Benzo(b)fluoranthene
Concen: 2.57 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF089038.D
Acq: 16 Jul 2016 3:34

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tgt Ion:252 Resp: 11443
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.2#
125 15.5 7.1 10.7#

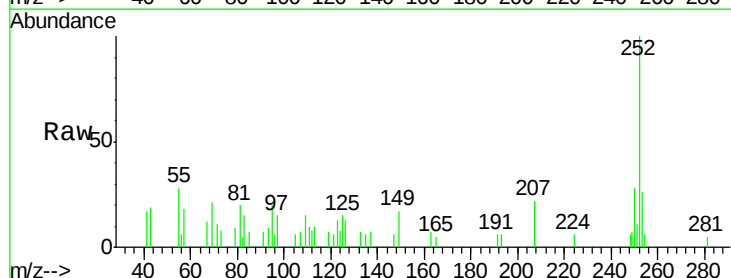


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.95 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.07 min
Lab File: BF089038.D
Acq: 16 Jul 2016 3:34

Tgt Ion:252 Resp: 11443
Ion Ratio Lower Upper
252 100
253 26.2 18.0 27.0
125 15.5 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

