

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 04:47:00 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

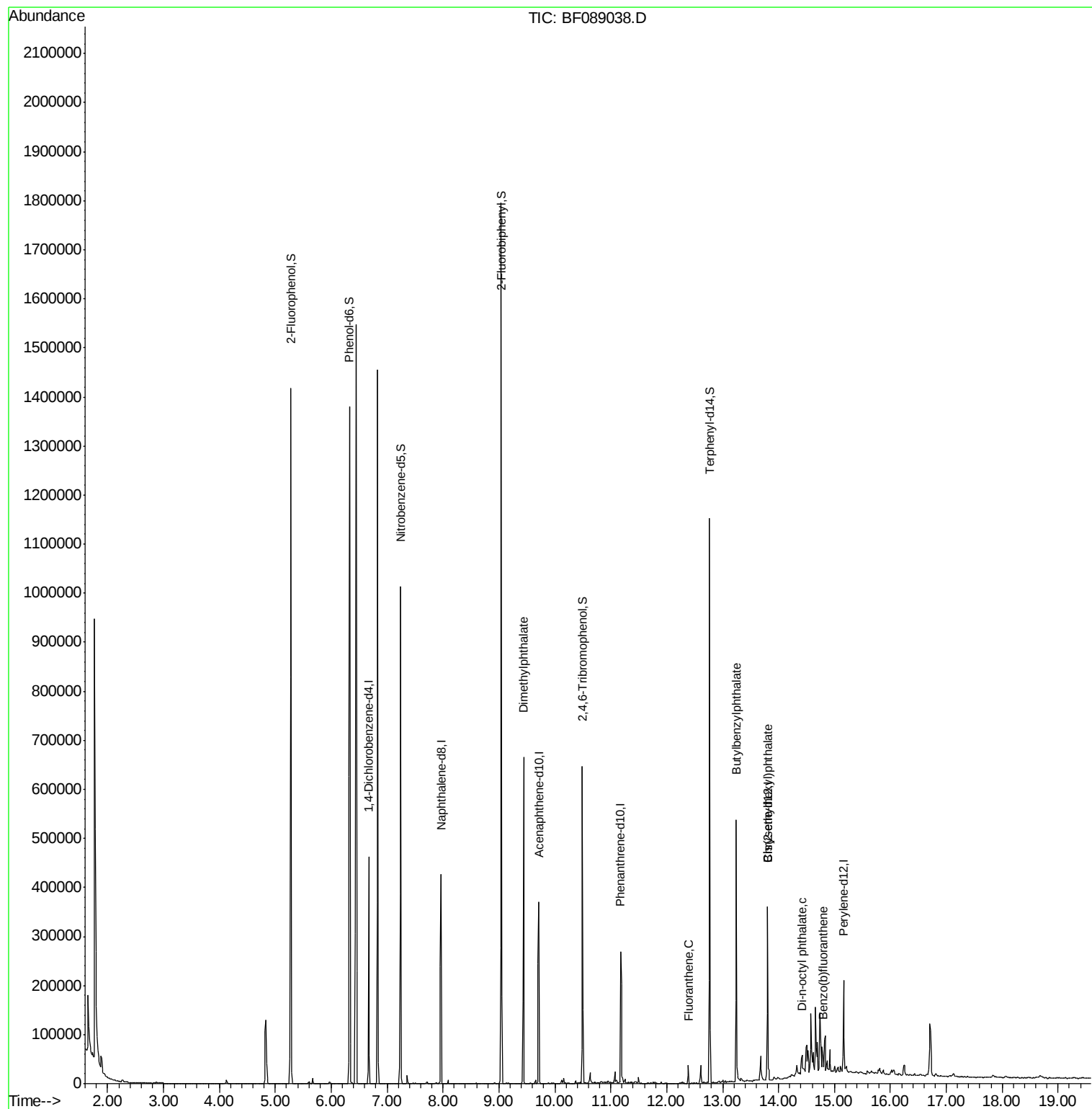
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	61110	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	232076	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	90011	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	129732	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	107021	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						Qvalue
49) Dimethylphthalate	9.44	163	257714	40.19	ng	99
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	9770m	2.19	ng	

(#) = 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

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BNA_F

ClientSampleId :

SB-05-COMP

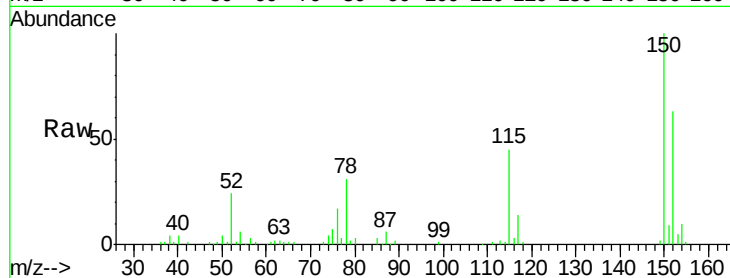
Tot Ion:152 Resp: 61110

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

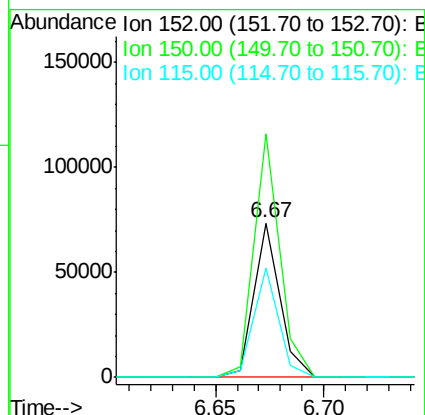
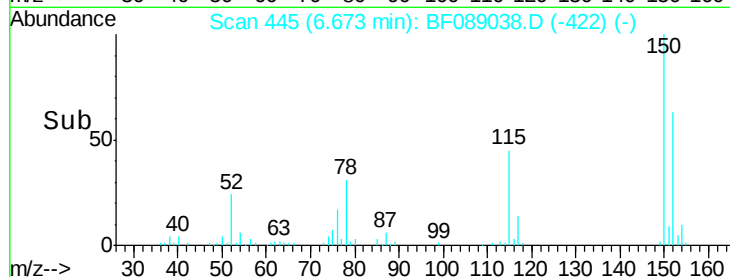
115 70.8 39.6 59.4#



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

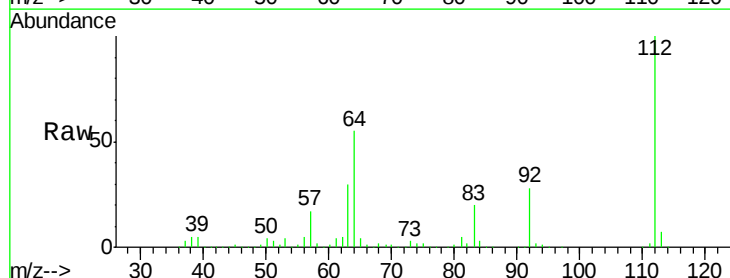
Tgt Ion:112 Resp: 451551

Ion Ratio Lower Upper

112 100

64 55.3 42.2 63.2

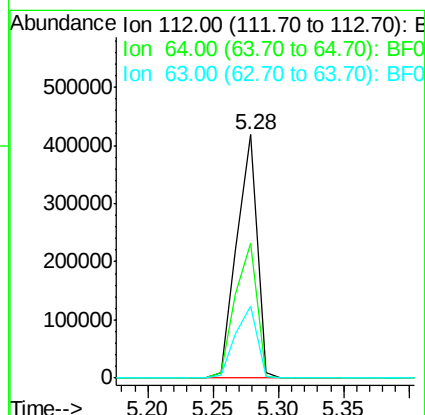
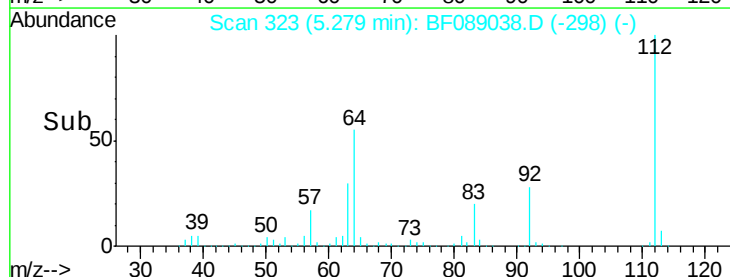
63 29.6 21.8 32.8



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

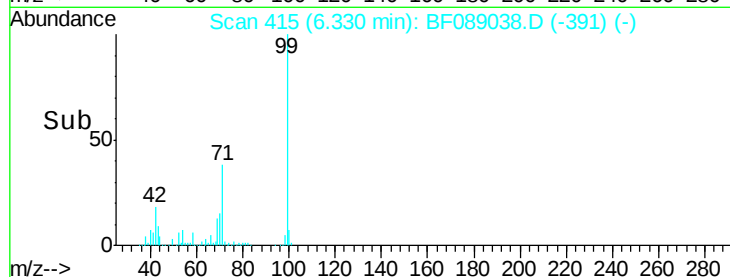
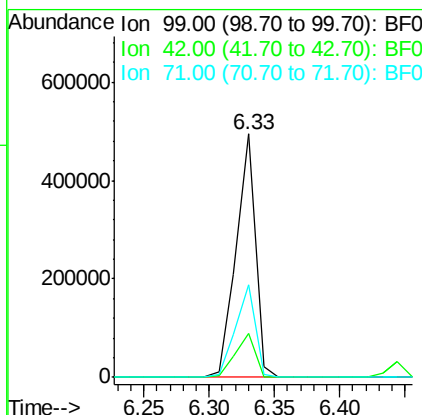
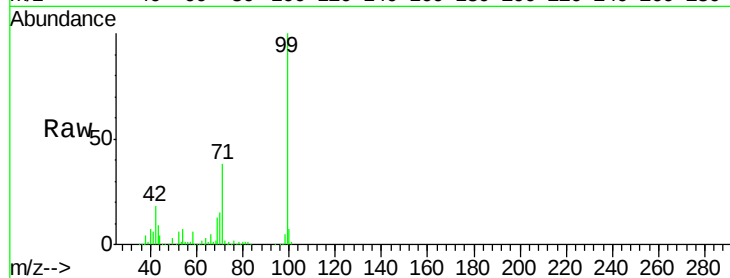
Tot Ion: 99 Resp: 507780

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 38.0 23.4 35.0#



#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

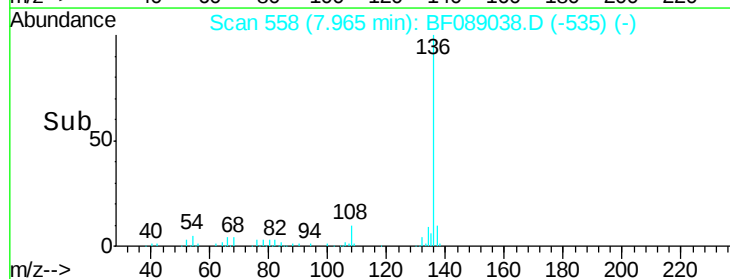
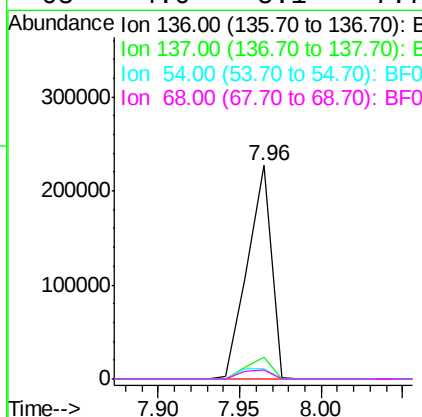
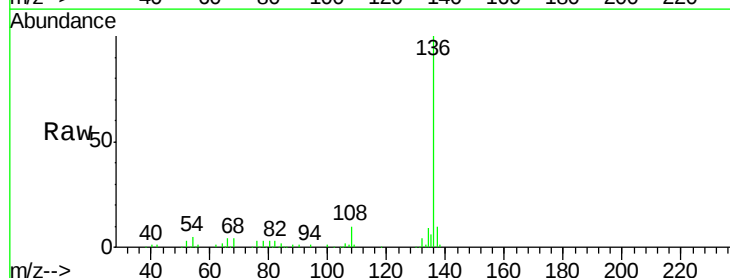
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.1 6.6 10.0#

68 4.0 5.1 7.7#

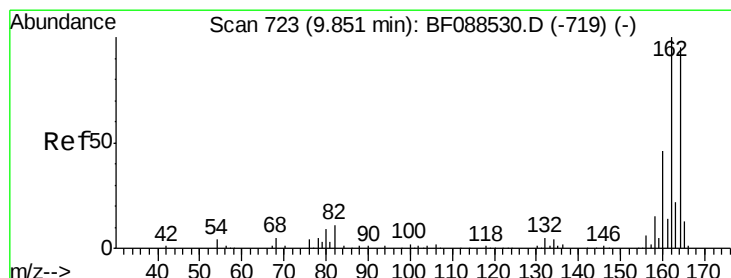
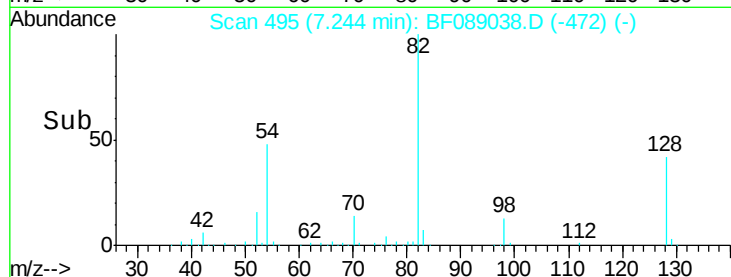
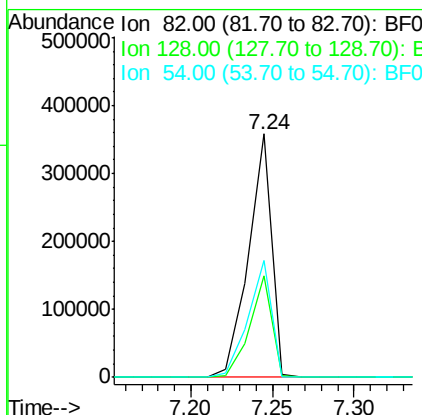
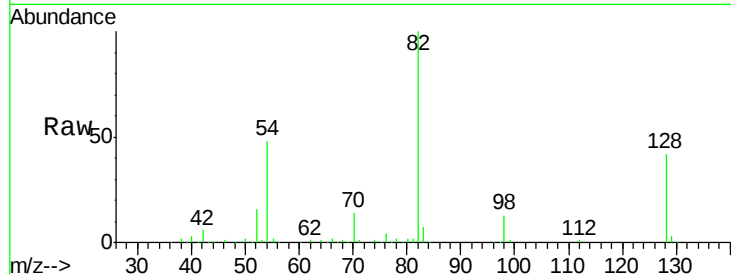




#23
 Nitrobenzene-d5
 Concen: 79.41 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

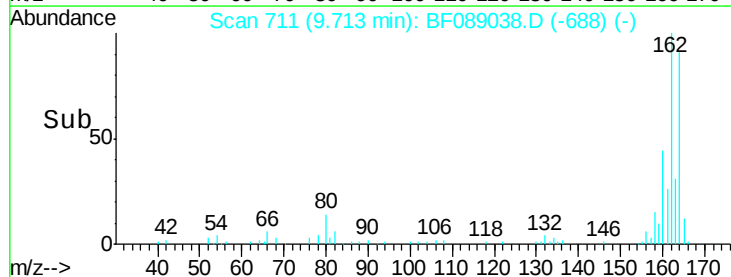
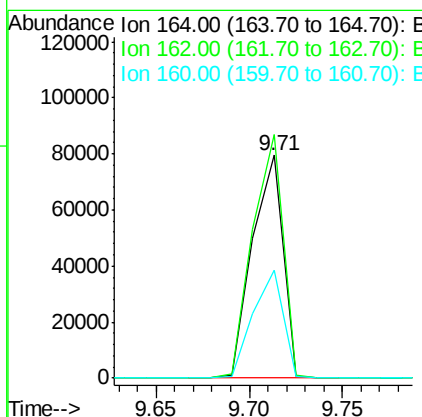
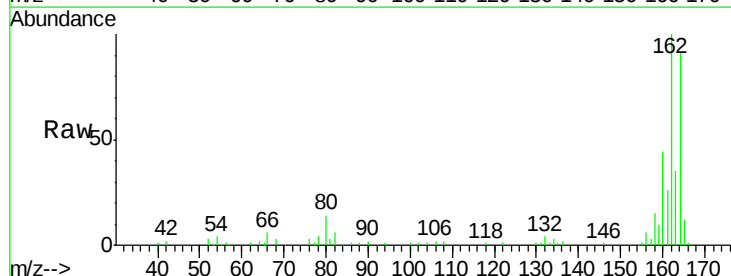
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tot Ion: 82 Resp: 351652
 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: 164 Resp: 90011
 Ion Ratio Lower Upper
 164 100
 162 109.4 85.4 128.2
 160 48.5 39.5 59.3

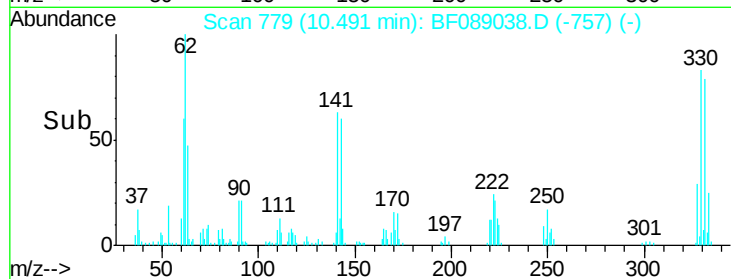
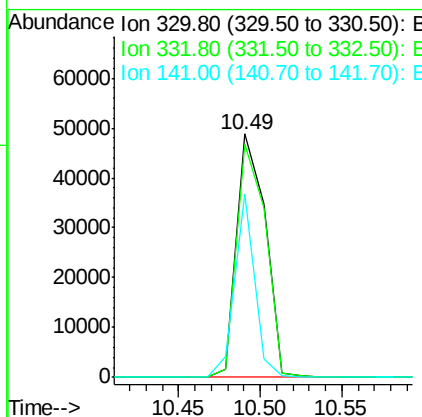
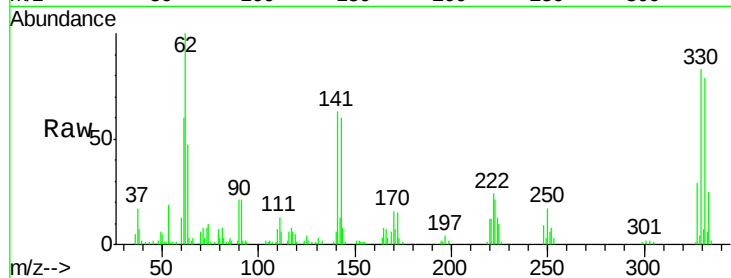




#41
 2,4,6-Tribromophenol
 Concen: 70.96 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089038.D
 Acq: 16 Jul 2016 3:34

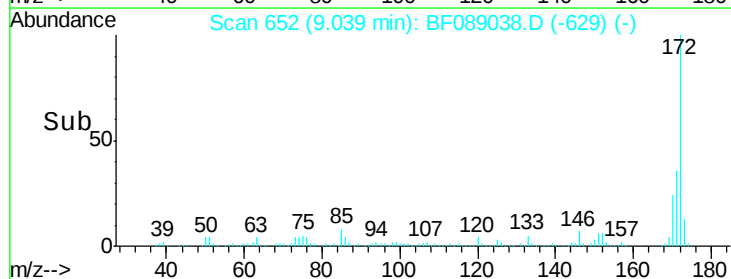
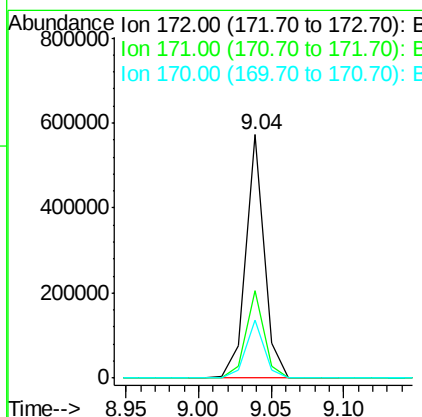
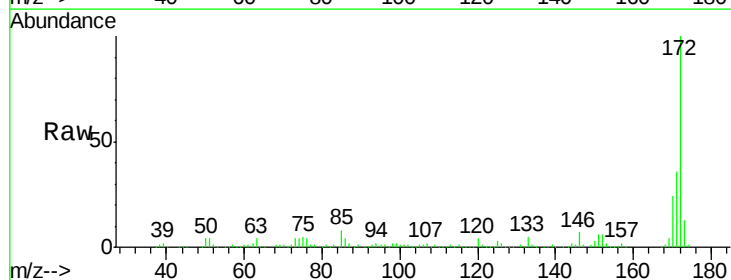
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

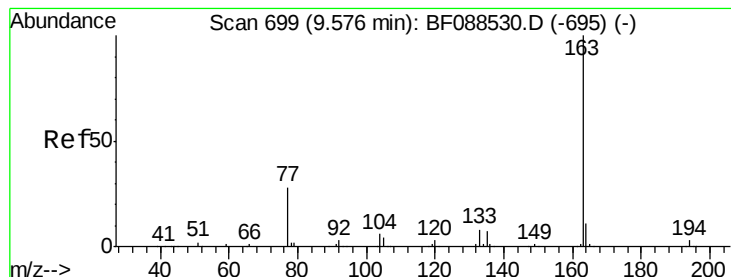
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	52.0	0.0	0.0#



#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	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

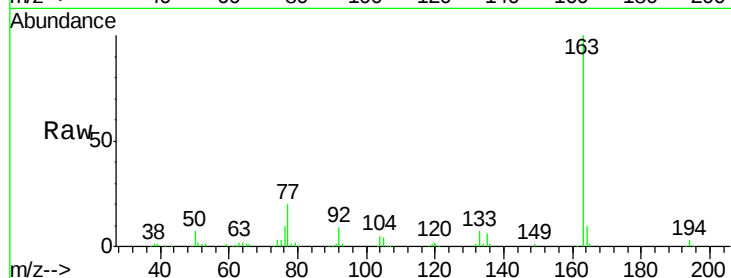
Tot Ion:163 Resp: 257714

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

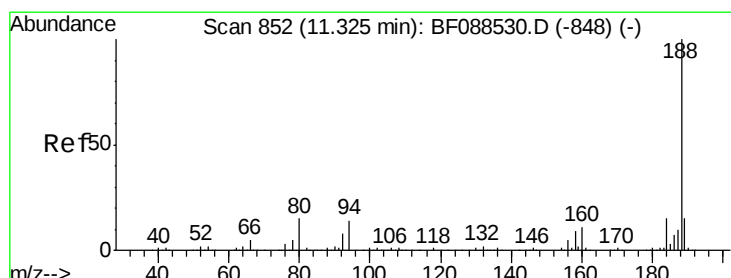
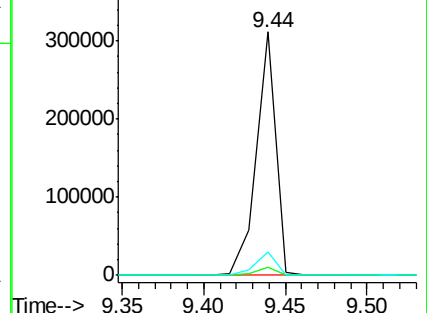
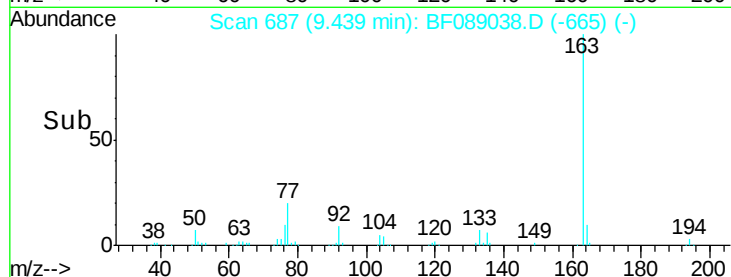
164 9.9 8.3 12.5



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



#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

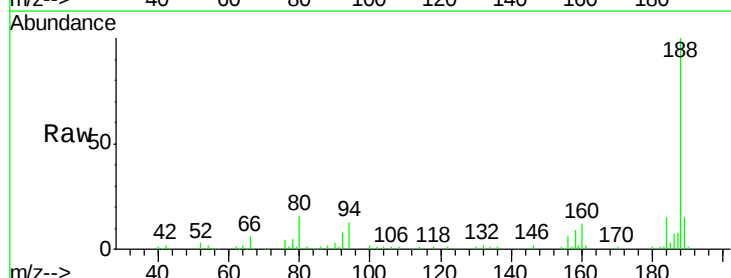
Tgt Ion:188 Resp: 129732

Ion Ratio Lower Upper

188 100

94 13.2 9.0 13.6

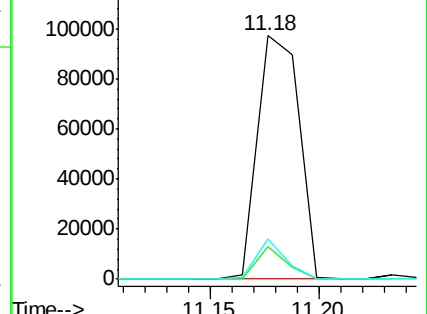
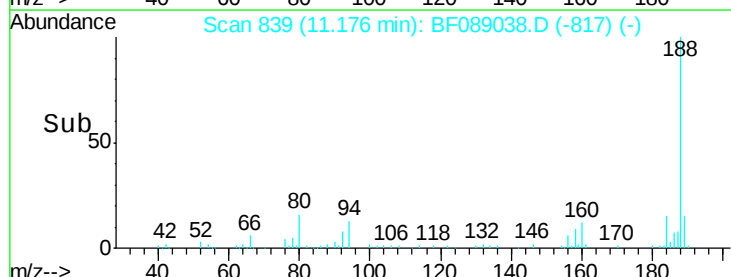
80 16.4 10.0 15.0#

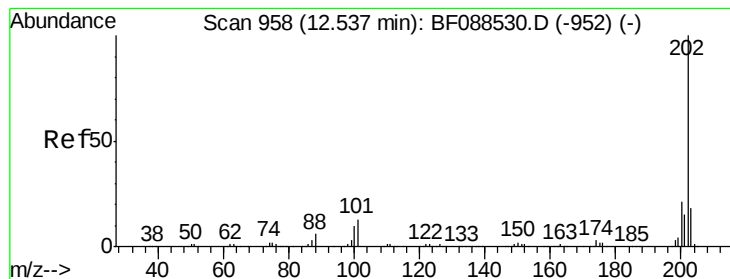


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

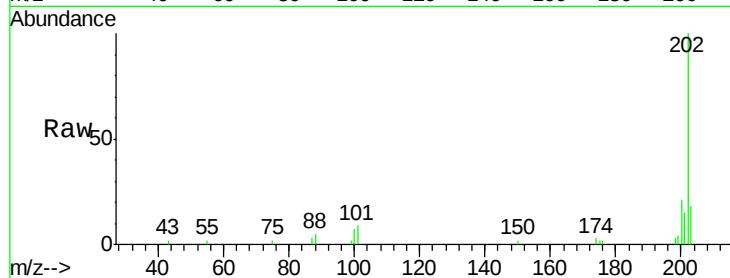
Tot Ion:202 Resp: 17980

Ion Ratio Lower Upper

202 100

101 9.3 0.0 33.1

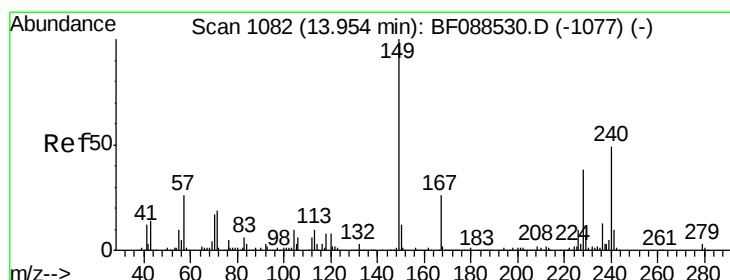
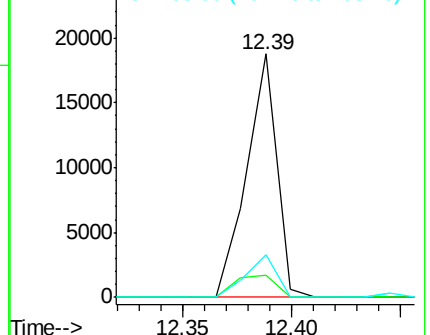
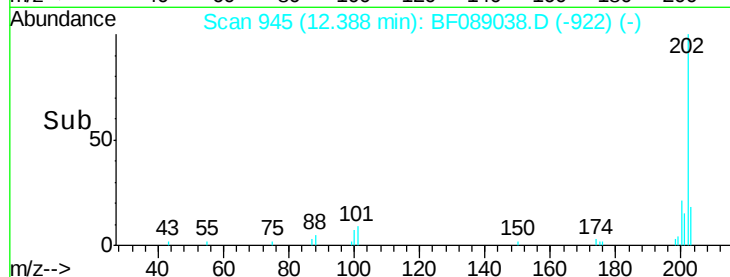
203 17.6 0.0 38.1



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

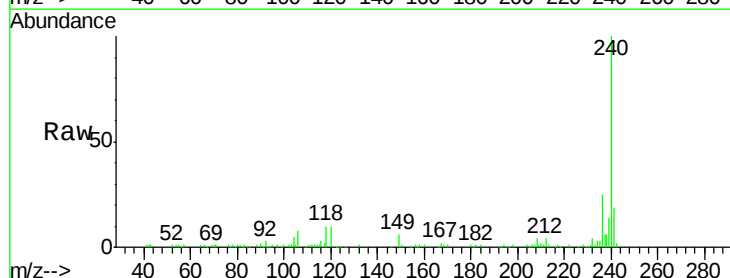
Tgt Ion:240 Resp: 107021

Ion Ratio Lower Upper

240 100

120 10.3 6.8 10.2#

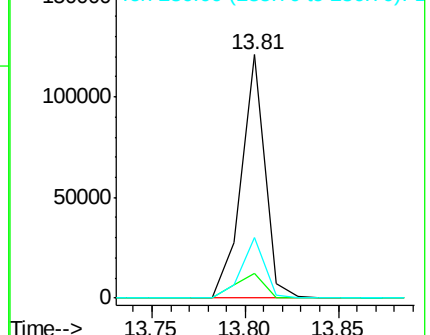
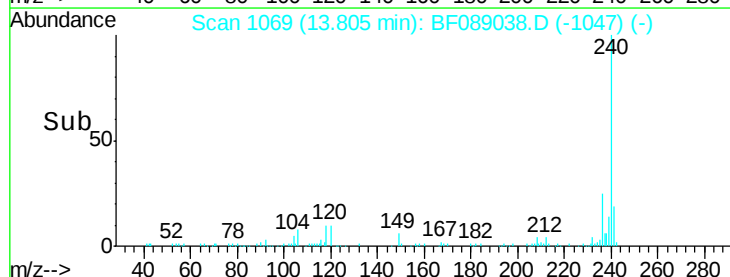
236 25.1 20.2 30.2

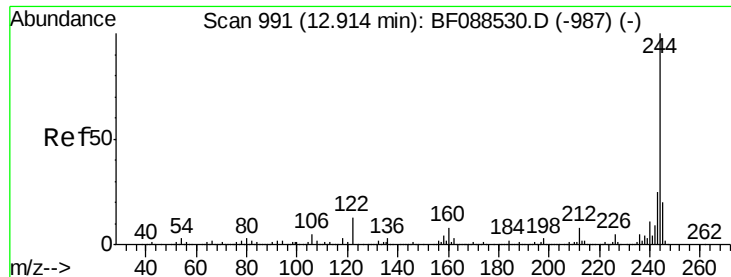


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

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SB-05-COMP

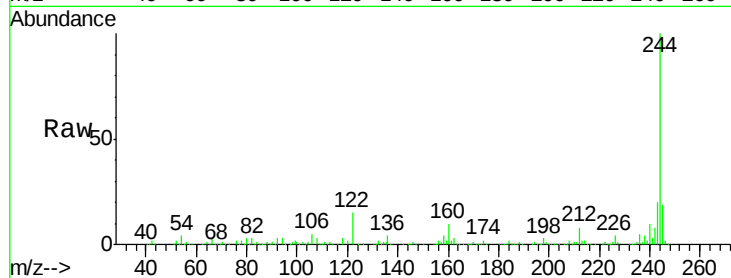
Tot Ion:244 Resp: 307142

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

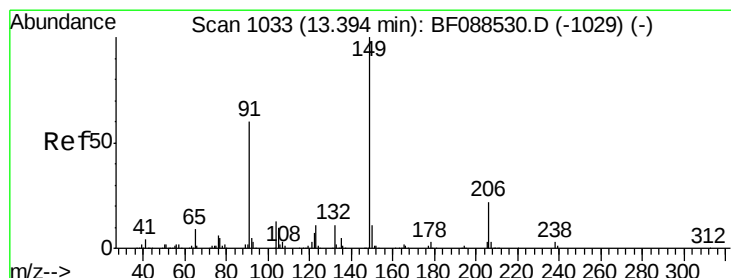
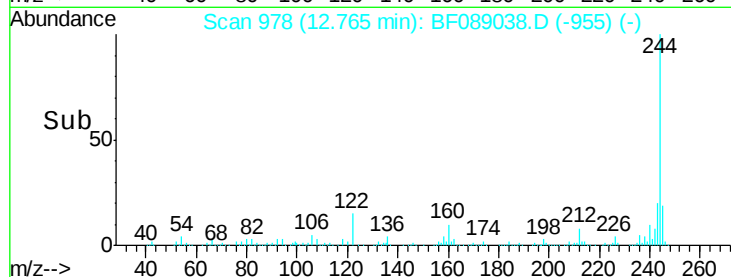
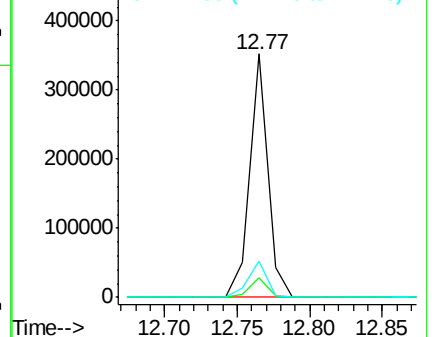
122 14.9 11.2 16.8



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

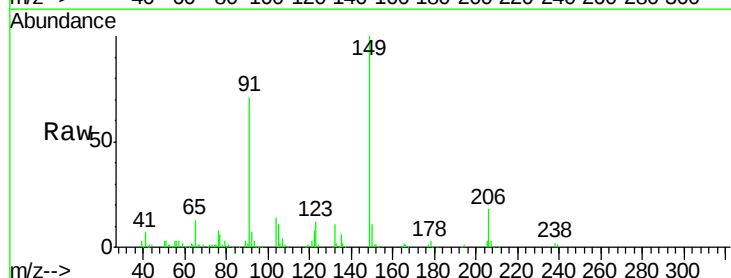
Tgt Ion:149 Resp: 121766

Ion Ratio Lower Upper

149 100

91 71.4 48.0 72.0

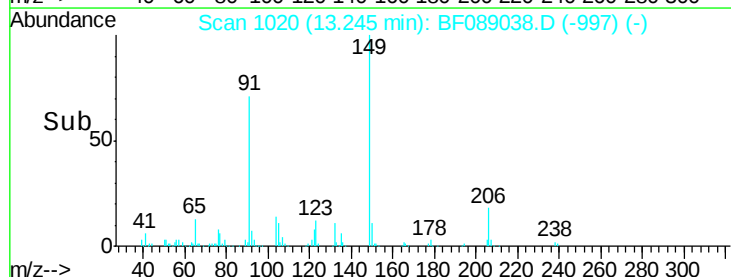
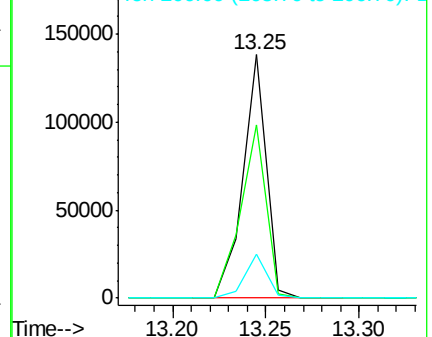
206 18.1 16.0 24.0

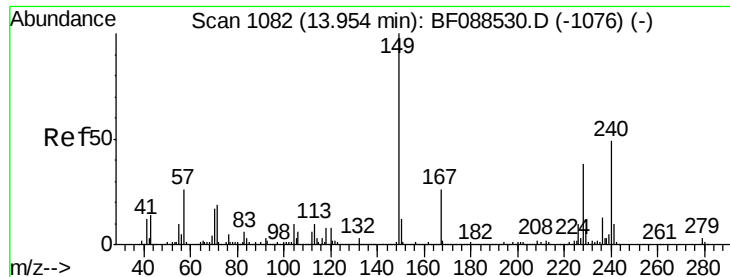


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#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

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

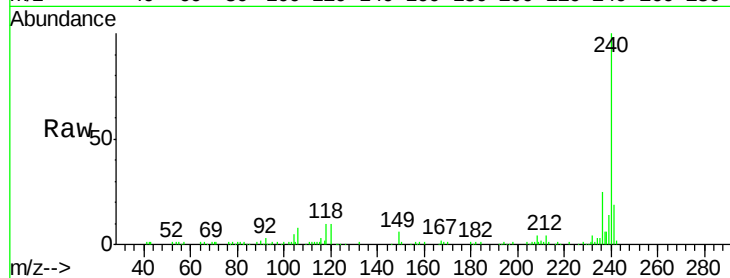
Tot Ion:149 Resp: 11223

Ion Ratio Lower Upper

149 100

167 28.2 20.5 30.7

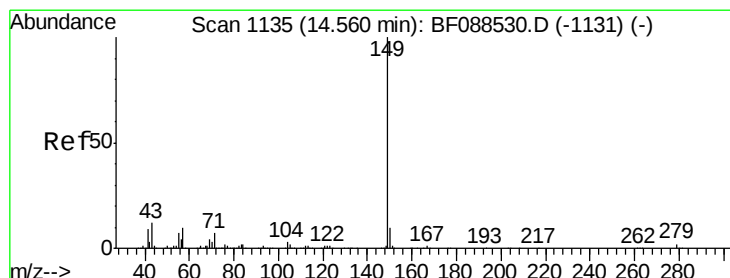
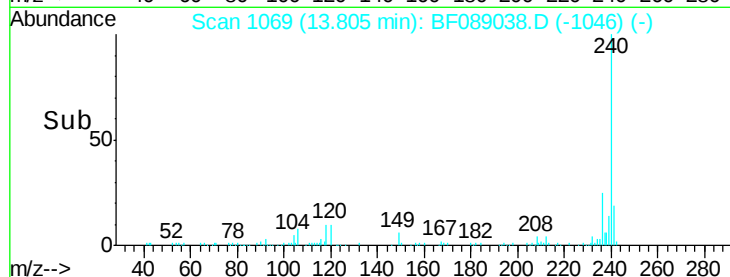
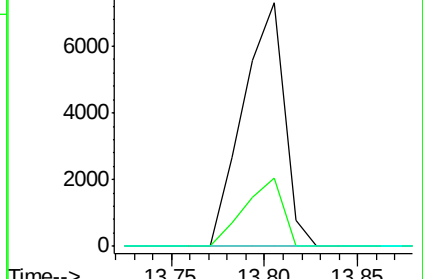
279 0.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#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

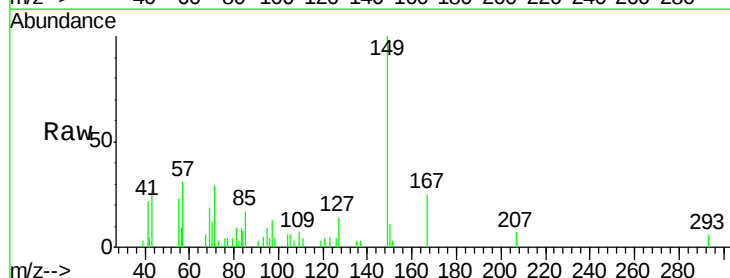
Tgt Ion:149 Resp: 20978

Ion Ratio Lower Upper

149 100

167 27.6 0.0 0.0#

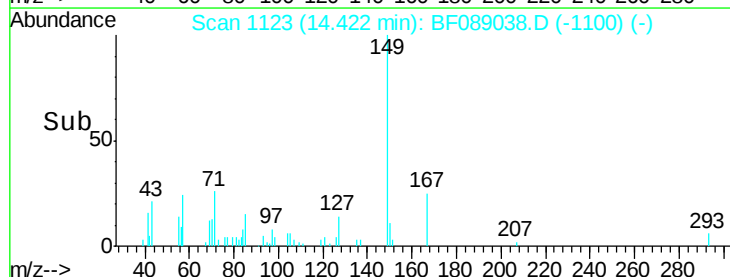
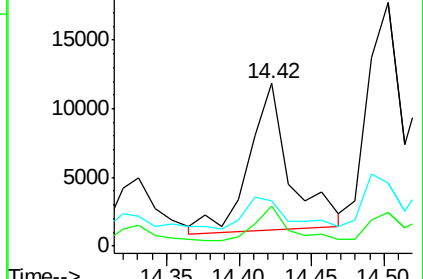
43 24.6 0.0 0.0#

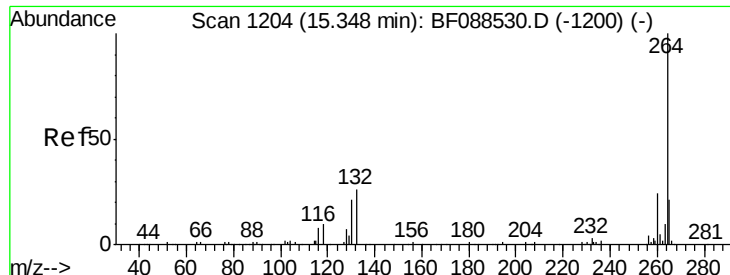


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

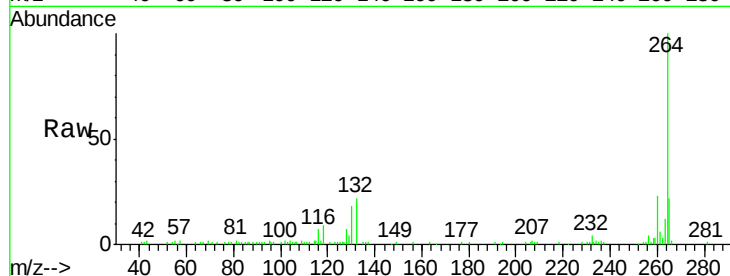




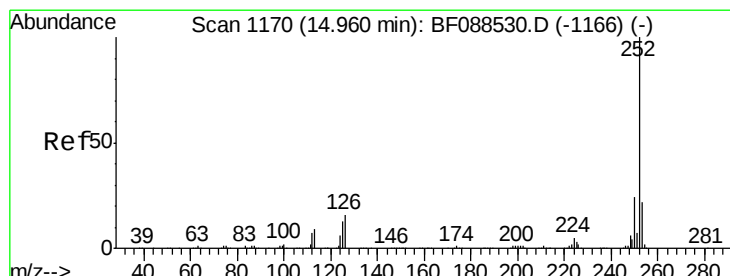
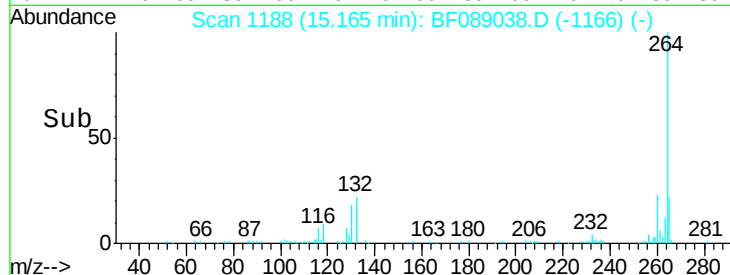
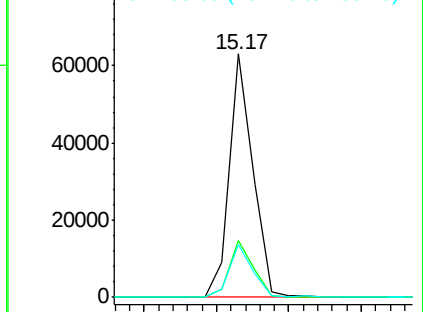
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.05 min
Lab File: BF089038.D
Acq: 16 Jul 2016 3:34

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion:264 Resp: 70957
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.8 16.9 25.3

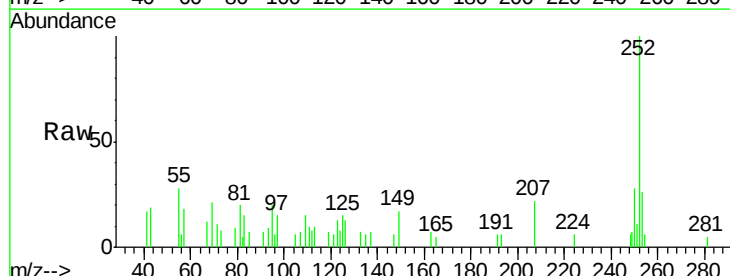


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 2.19 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF089038.D
Acq: 16 Jul 2016 3:34

Tgt Ion:252 Resp: 9770
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

