

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089685.D
 Acq On : 9 Aug 2016 6:29
 Operator : UM/SJ
 Sample : H4323-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-DECONFLUID-13

Quant Time: Aug 09 07:16:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

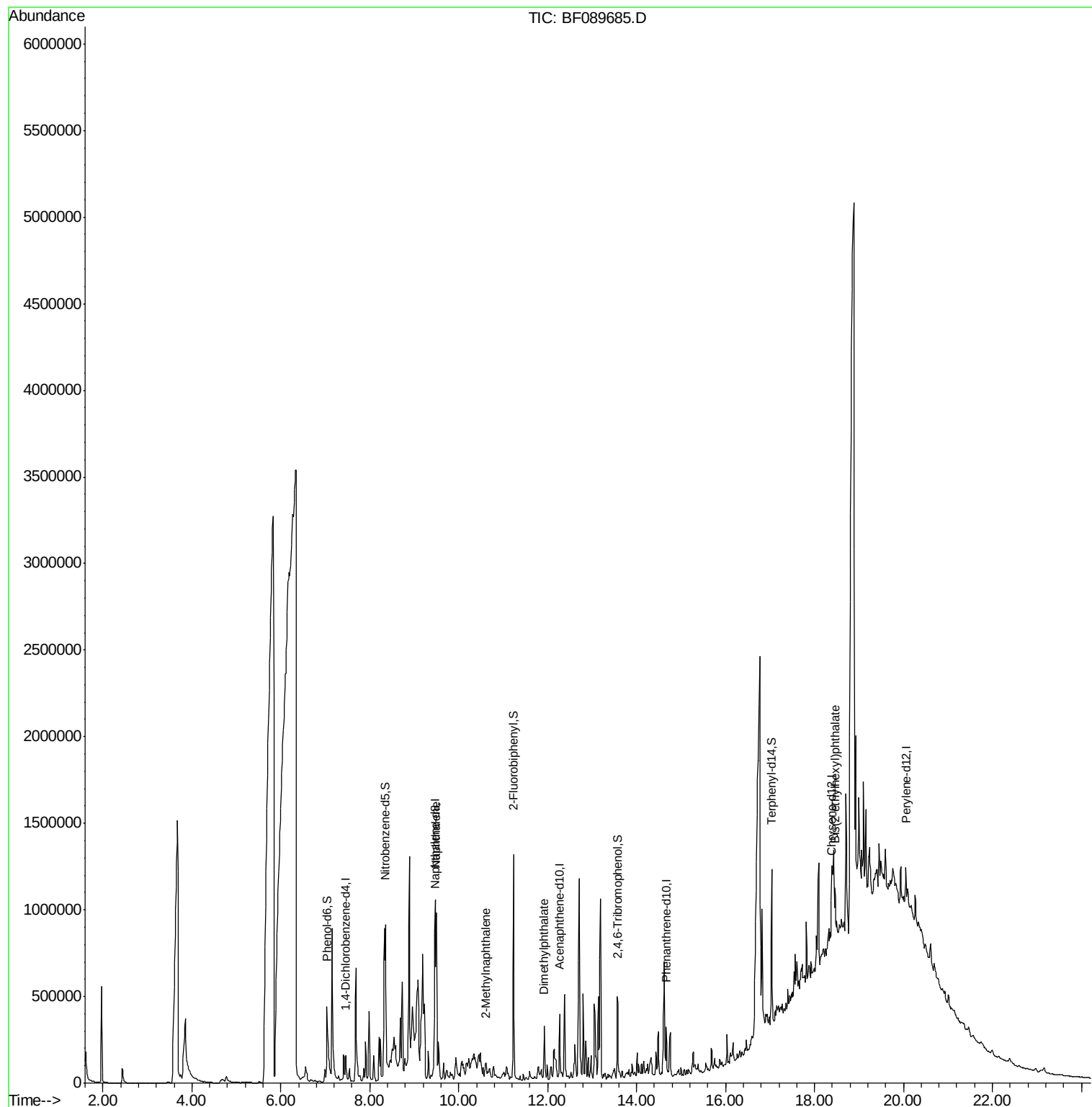
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	47593	20.00	ng	0.01
21) Naphthalene-d8	9.46	136	193146	20.00	ng	-0.01
38) Acenaphthene-d10	12.27	164	91038	20.00	ng	-0.02
63) Phenanthrene-d10	14.66	188	143454	20.00	ng	-0.03
75) Chrysene-d12	18.38	240	100304	20.00	ng	-0.01
86) Perylene-d12	20.06	264	71676	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.04	99	385793	100.15	ng	0.06
23) Nitrobenzene-d5	8.35	82	306362	87.73	ng	-0.01
41) 2,4,6-Tribromophenol	13.58	330	85170	113.37	ng	-0.01
44) 2-Fluorobiphenyl	11.23	172	560959	80.08	ng	-0.02
78) Terphenyl-d14	17.04	244	360470	70.95	ng	-0.01
Target Compounds						
31) Naphthalene	9.50	128	605868	59.02	ng	Qvalue 99
37) 2-Methylnaphthalene	10.62	142	21496	3.40	ng	99
49) Dimethylphthalate	11.92	163	28586	4.01	ng	# 90
83) Bis(2-ethylhexyl)phthalate	18.46	149	42610	8.16	ng	# 89

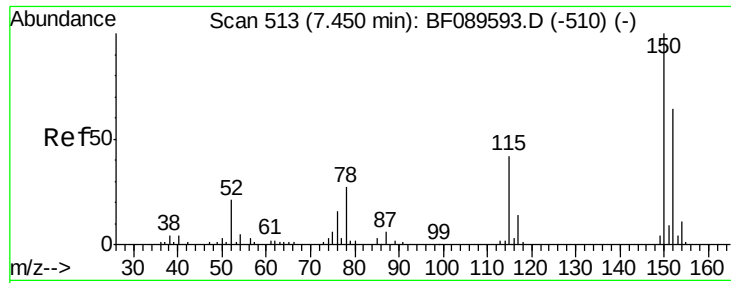
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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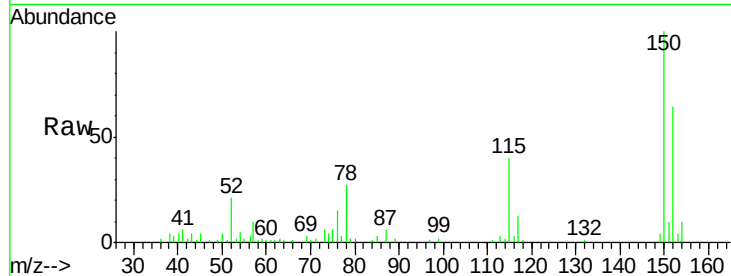




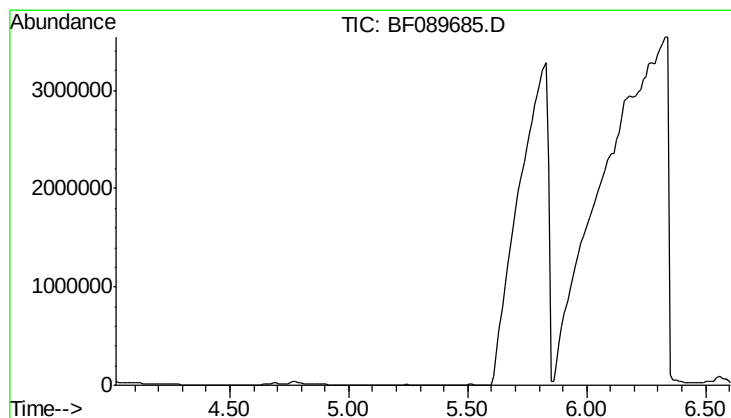
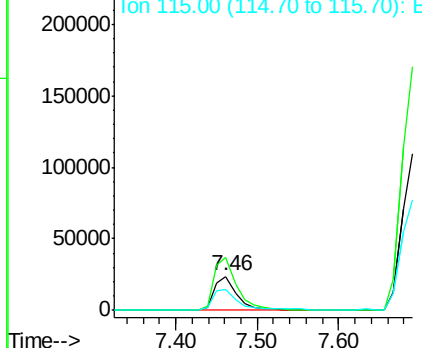
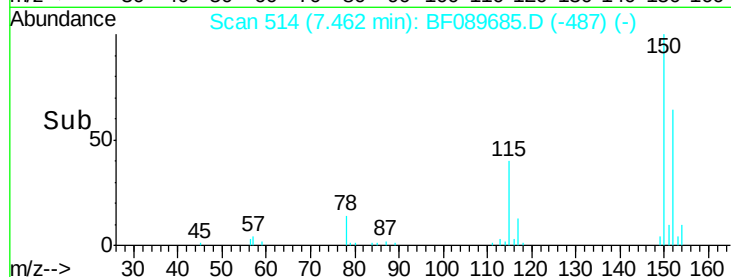
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.46 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: BF089685.D
 Acq: 9 Aug 2016 6:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-DECONFLUID-13

Tgt Ion: 152 Resp: 47593
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.5 188.3
 115 63.0 52.0 78.0



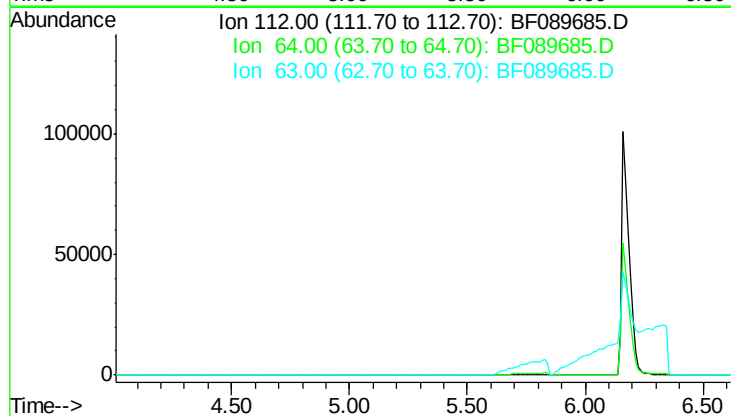
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

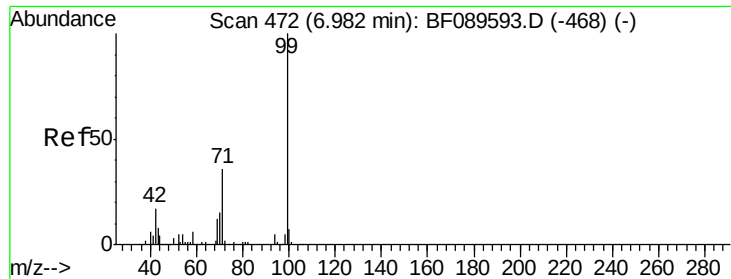


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.31 min

Lab File: BF089685.D
 Acq: 9 Aug 2016 6:29

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 62.4
 63 32.6





#7

Phenol-d6

Concen: 100.15 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.06 min

Lab File: BF089685.D

Acq: 9 Aug 2016 6:29

Instrument :

BNA_F

ClientSampleId :

WC-DECONFLUID-13

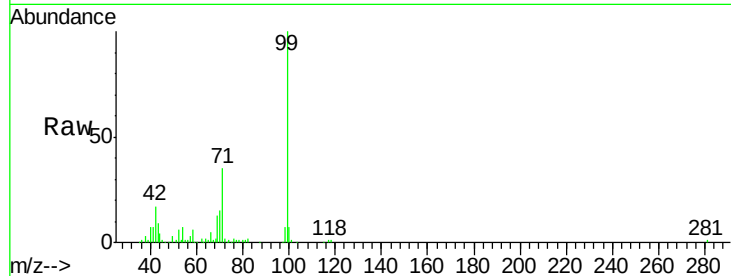
Tgt Ion: 99 Resp: 385793

Ion Ratio Lower Upper

99 100

42 17.1 13.7 20.5

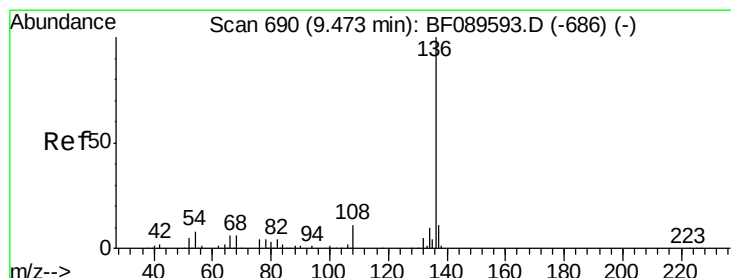
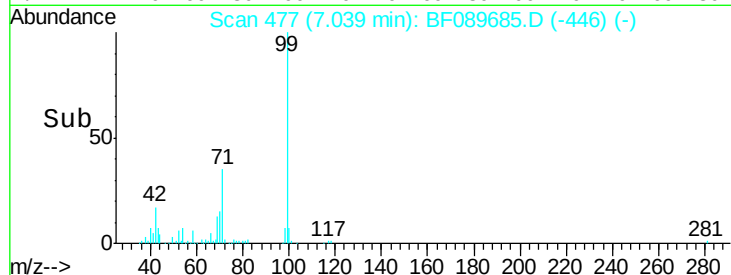
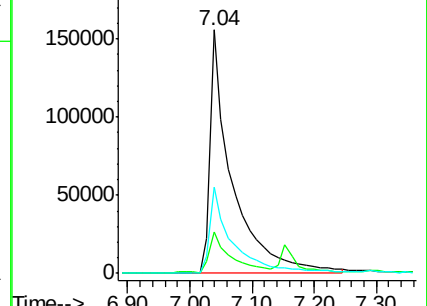
71 35.5 29.0 43.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF089685.D

Acq: 9 Aug 2016 6:29

Tgt Ion: 136 Resp: 193146

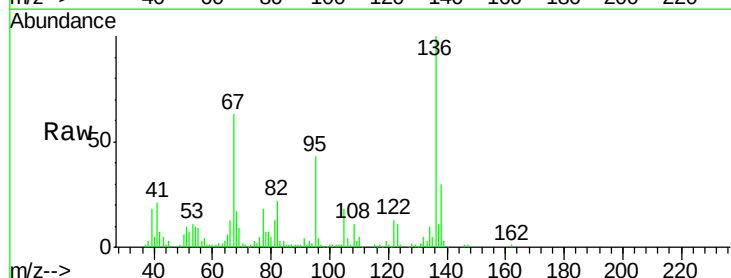
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 10.4 6.0 9.0#

68 16.5 4.6 6.8#

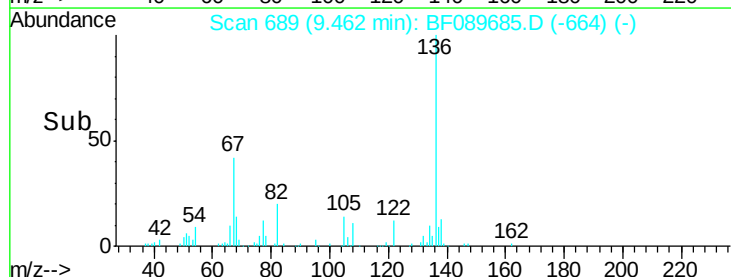
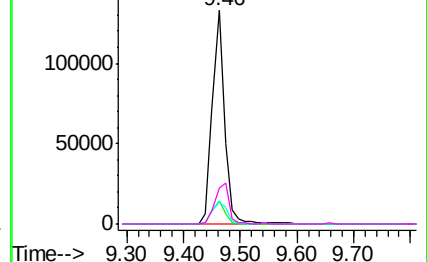


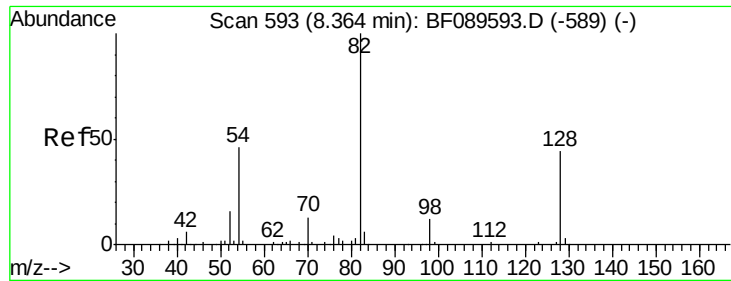
Abundance Ion 136.00 (135.70 to 136.70): E

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

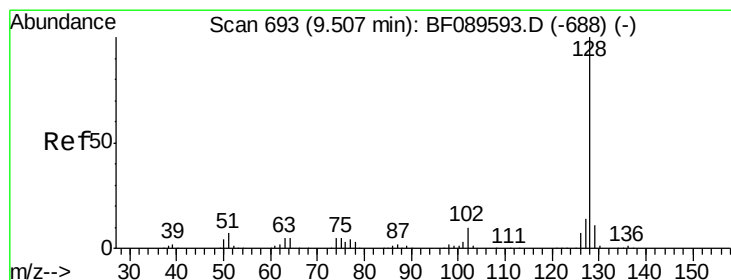
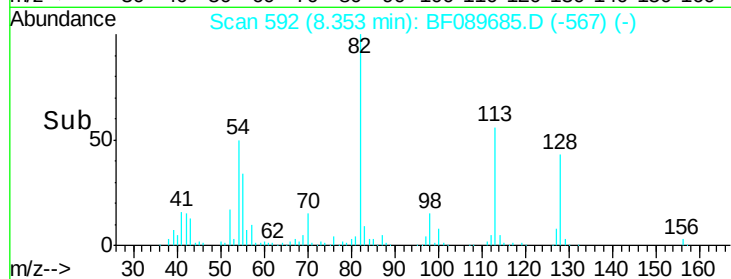
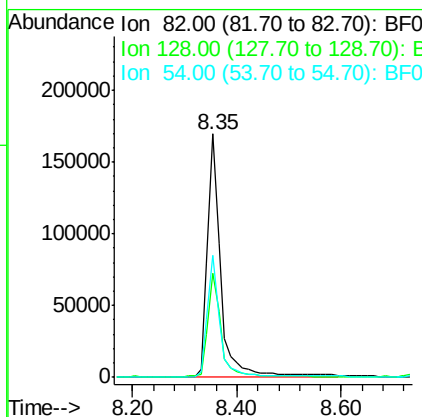
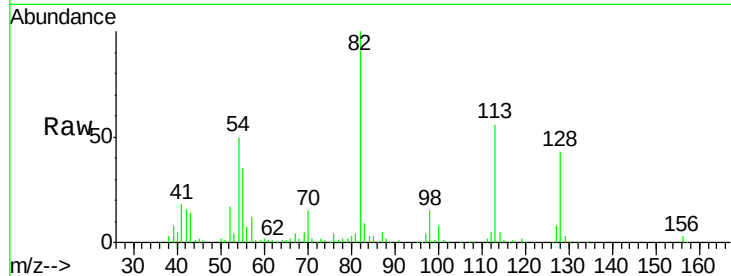




#23
 Nitrobenzene-d5
 Concen: 87.73 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089685.D
 Acq: 9 Aug 2016 6:29

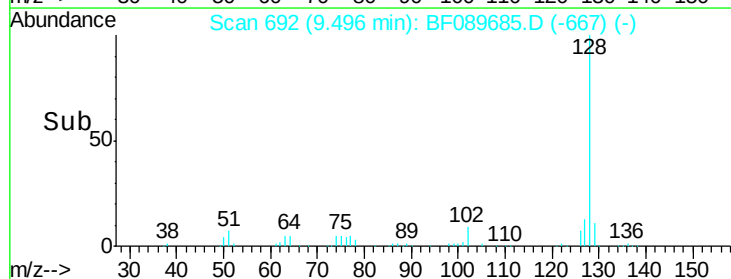
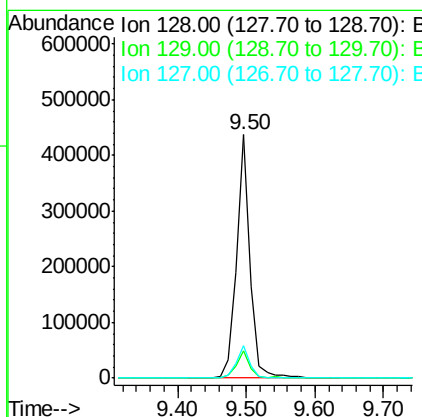
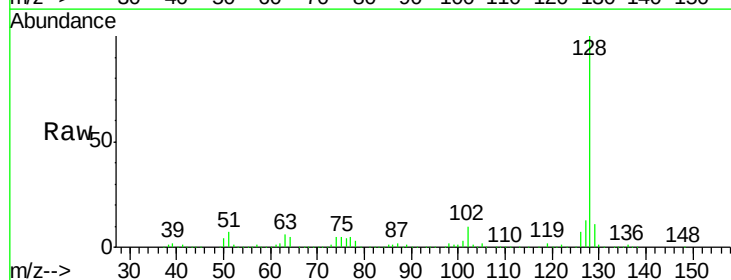
Instrument :
 BNA_F
 ClientSampleId :
 WC-DECONFLUID-13

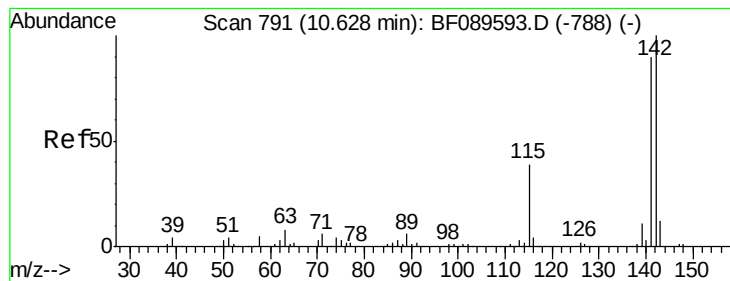
Tgt Ion: 82 Resp: 306362
 Ion Ratio Lower Upper
 82 100
 128 42.9 35.4 53.0
 54 50.2 36.4 54.6



#31
 Naphthalene
 Concen: 59.02 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF089685.D
 Acq: 9 Aug 2016 6:29

Tgt Ion: 128 Resp: 605868
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.7 13.1
 127 13.2 10.9 16.3





#37

2-Methylnaphthalene

Concen: 3.40 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF089685.D

Acq: 9 Aug 2016 6:29

Instrument :

BNA_F

ClientSampleId :

WC-DECONFLUID-13

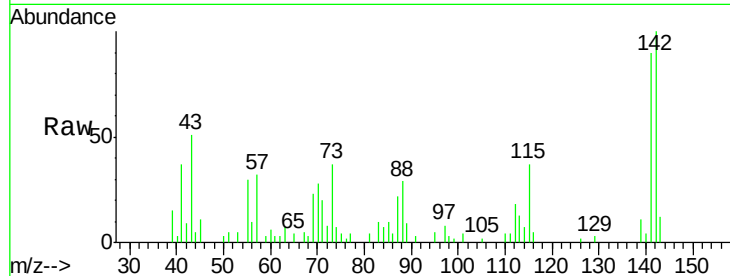
Tgt Ion:142 Resp: 21496

Ion Ratio Lower Upper

142 100

141 89.6 71.8 107.6

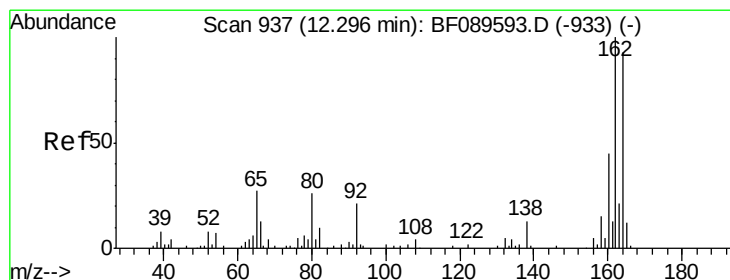
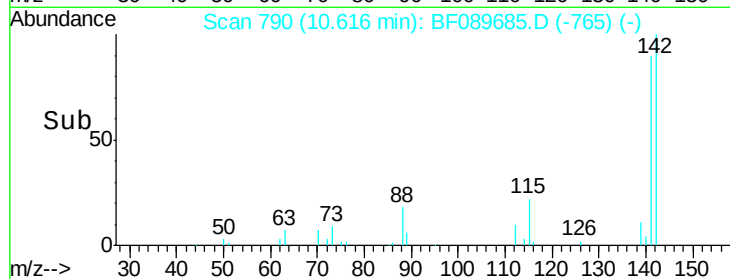
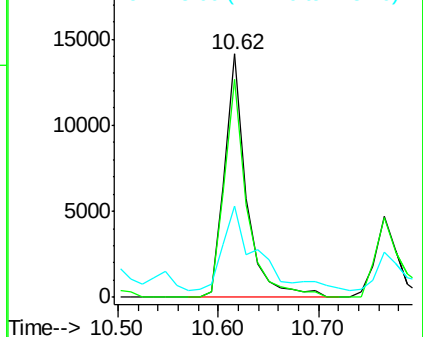
115 37.3 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF089685.D

Acq: 9 Aug 2016 6:29

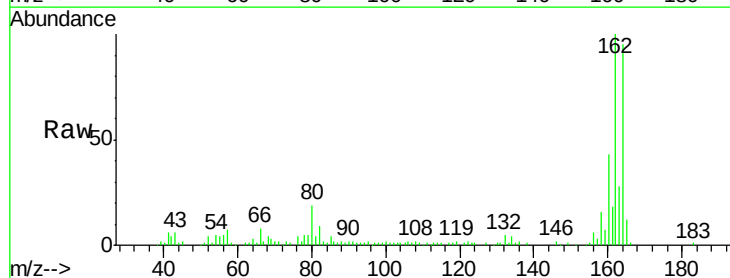
Tgt Ion:164 Resp: 91038

Ion Ratio Lower Upper

164 100

162 105.2 85.7 128.5

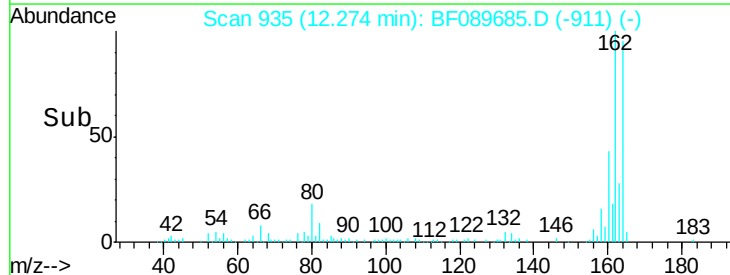
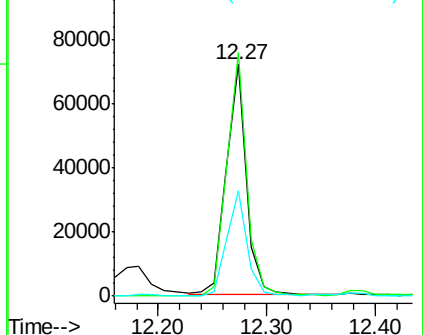
160 45.3 38.2 57.4

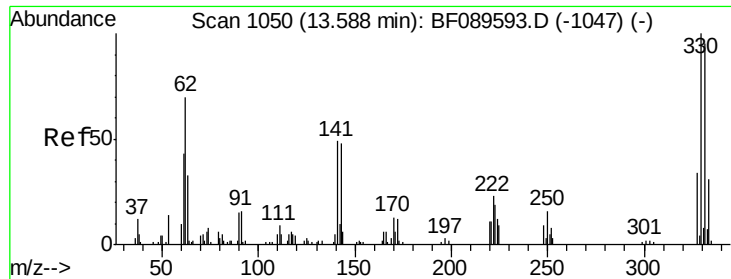


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

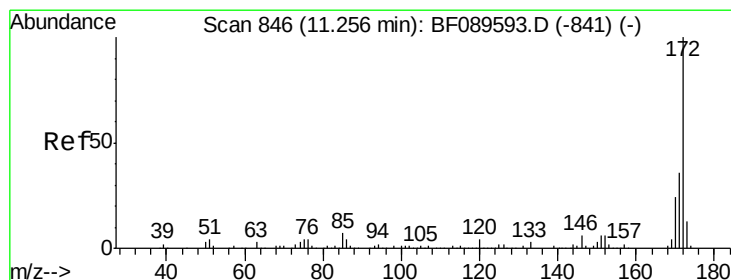
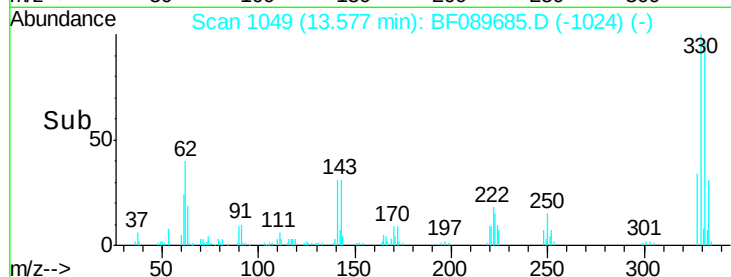
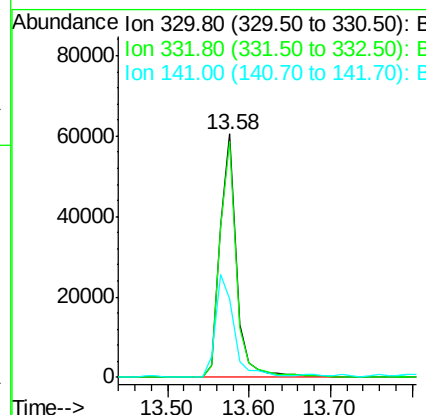
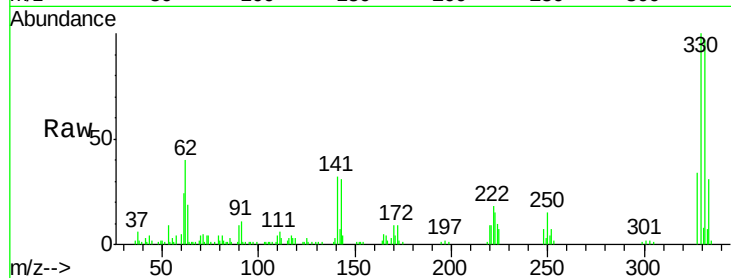




#41
 2,4,6-Tribromophenol
 Concen: 113.37 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF089685.D
 Acq: 9 Aug 2016 6:29

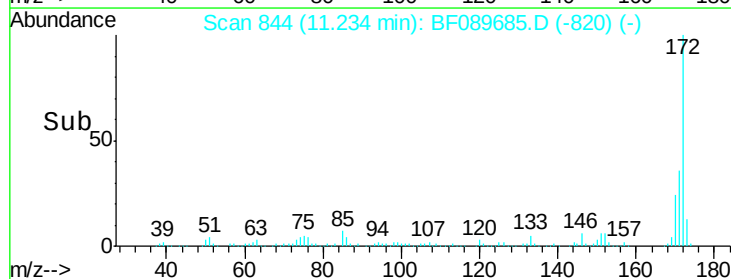
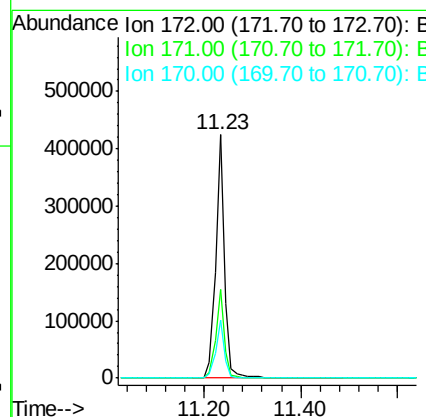
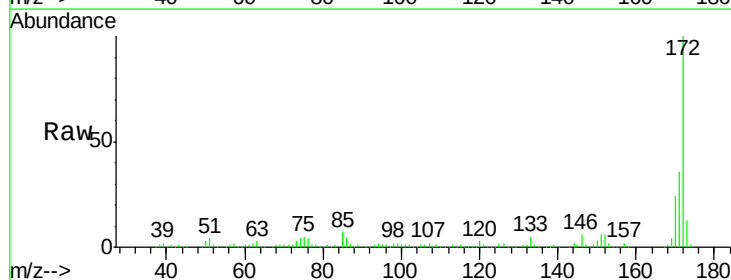
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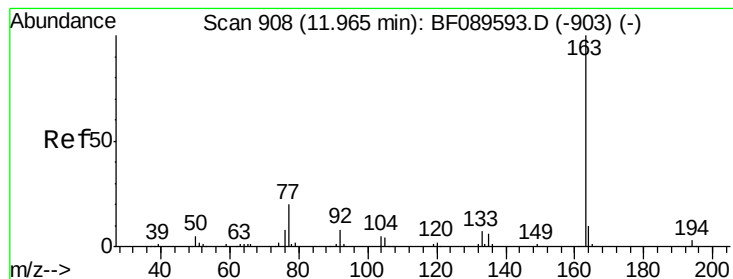
Tgt Ion: 330 Resp: 85170
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 47.8 38.6 57.8



#44
 2-Fluorobiphenyl
 Concen: 80.08 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089685.D
 Acq: 9 Aug 2016 6:29

Tgt Ion: 172 Resp: 560959
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 23.8 19.0 28.6





#49

Dimethylphthalate

Concen: 4.01 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF089685.D

Acq: 9 Aug 2016 6:29

Instrument :

BNA_F

ClientSampleId :

WC-DECONFLUID-13

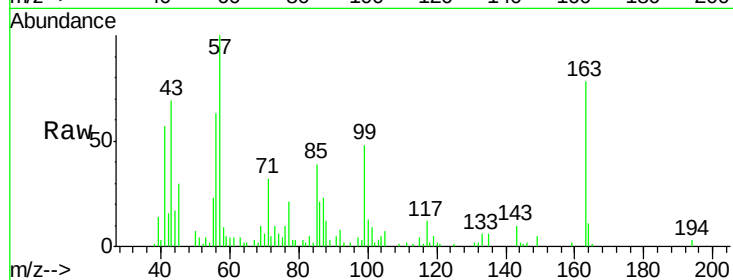
Tgt Ion:163 Resp: 28586

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

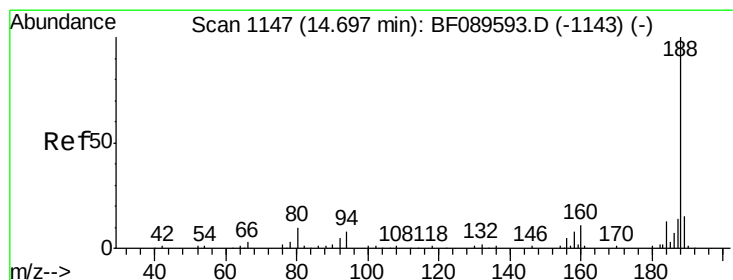
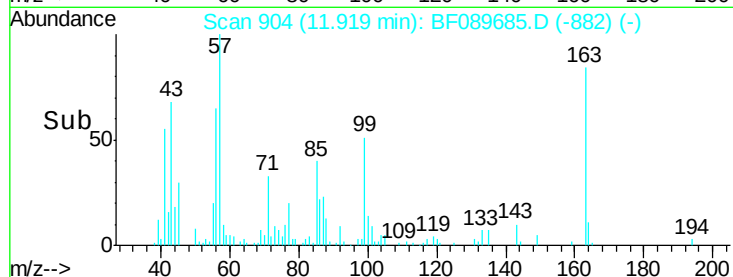
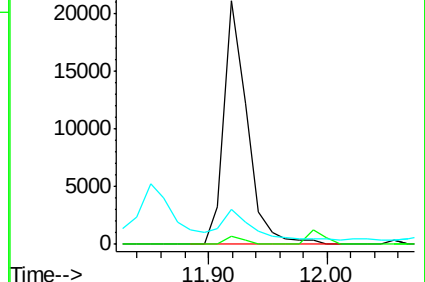
164 14.5 7.8 11.6#



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: 14.66 min Scan# 1144

Delta R.T. -0.03 min

Lab File: BF089685.D

Acq: 9 Aug 2016 6:29

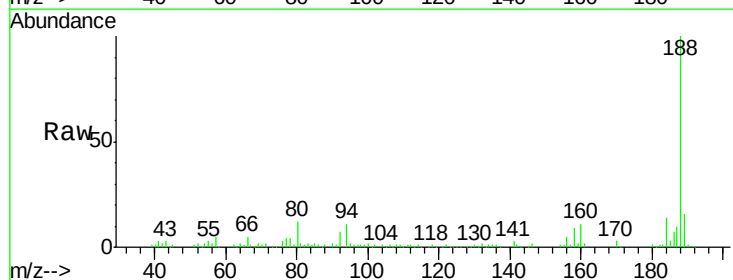
Tgt Ion:188 Resp: 143454

Ion Ratio Lower Upper

188 100

94 10.9 6.5 9.7#

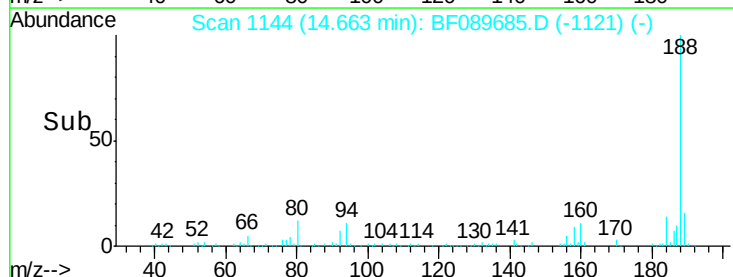
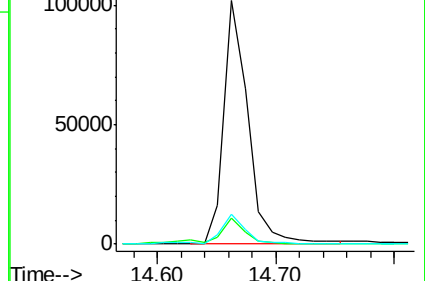
80 12.5 8.0 12.0#

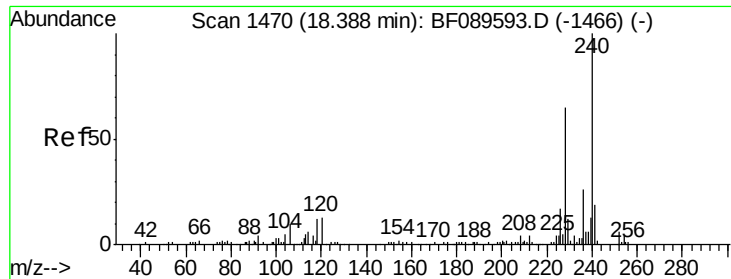


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.38 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF089685.D

Acq: 9 Aug 2016 6:29

Instrument :

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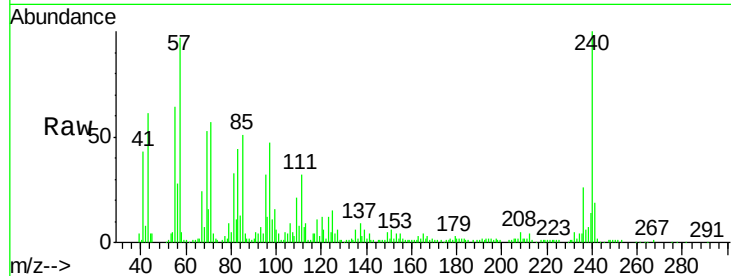
Tgt Ion:240 Resp: 100304

Ion Ratio Lower Upper

240 100

120 11.9 10.6 15.8

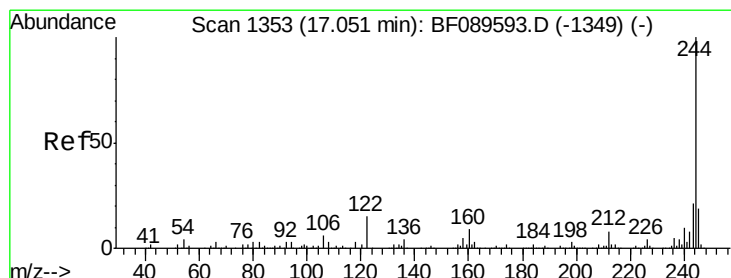
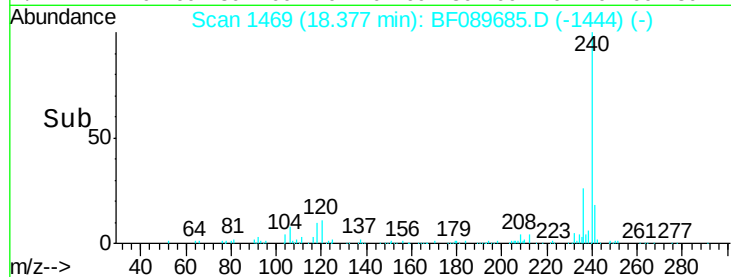
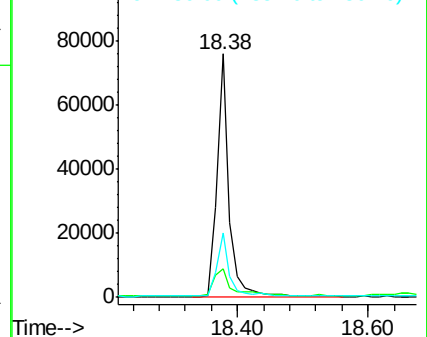
236 26.3 20.6 30.8



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: 70.95 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF089685.D

Acq: 9 Aug 2016 6:29

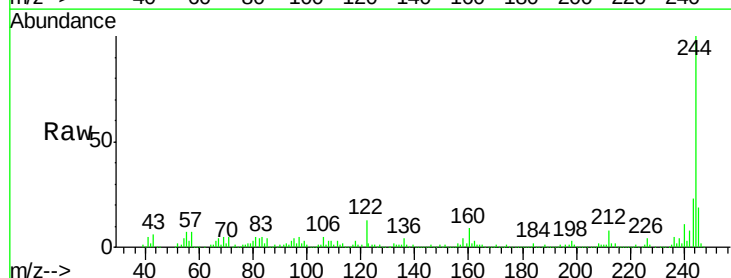
Tgt Ion:244 Resp: 360470

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

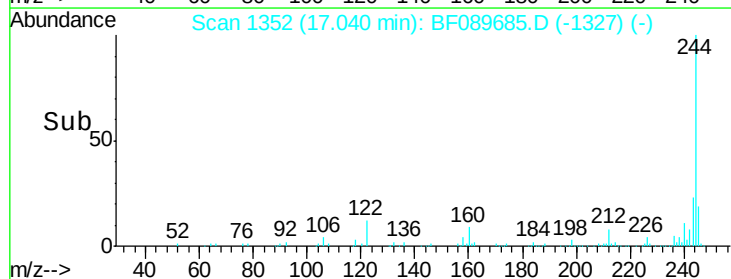
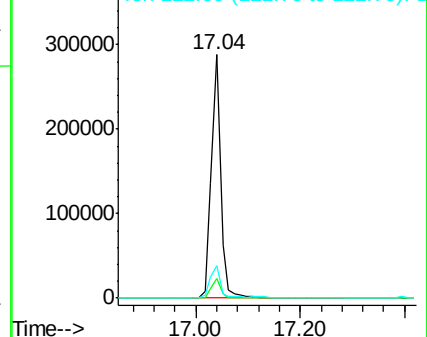
122 13.2 12.2 18.2

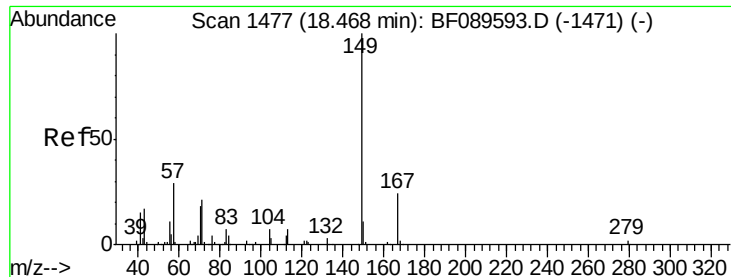


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

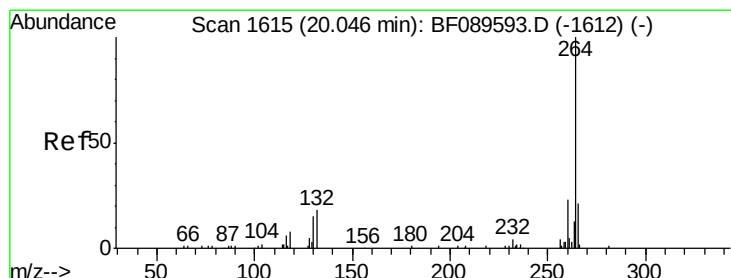
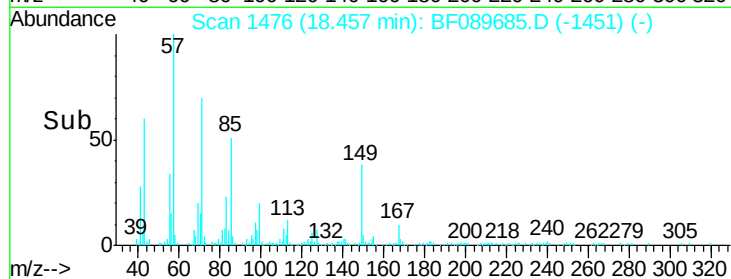
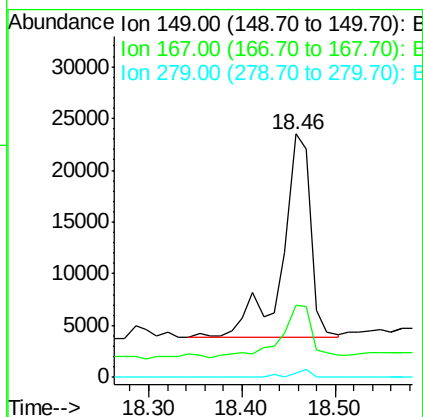
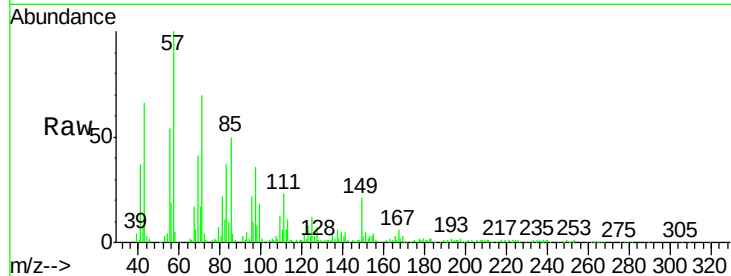




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.16 ng
 RT: 18.46 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF089685.D
 Acq: 9 Aug 2016 6:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-DECONFLUID-13

Tgt Ion:149 Resp: 42610
 Ion Ratio Lower Upper
 149 100
 167 29.4 19.0 28.4#
 279 1.6 1.8 2.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.06 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF089685.D
 Acq: 9 Aug 2016 6:29

Tgt Ion:264 Resp: 71676
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.0 16.5 24.7

