

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
 Data File : BF087859.D
 Acq On : 9 Jun 2016 18:26
 Operator : UM/SJ
 Sample : H3399-13DL 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-32DL

Quant Time: Jun 09 19:00:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

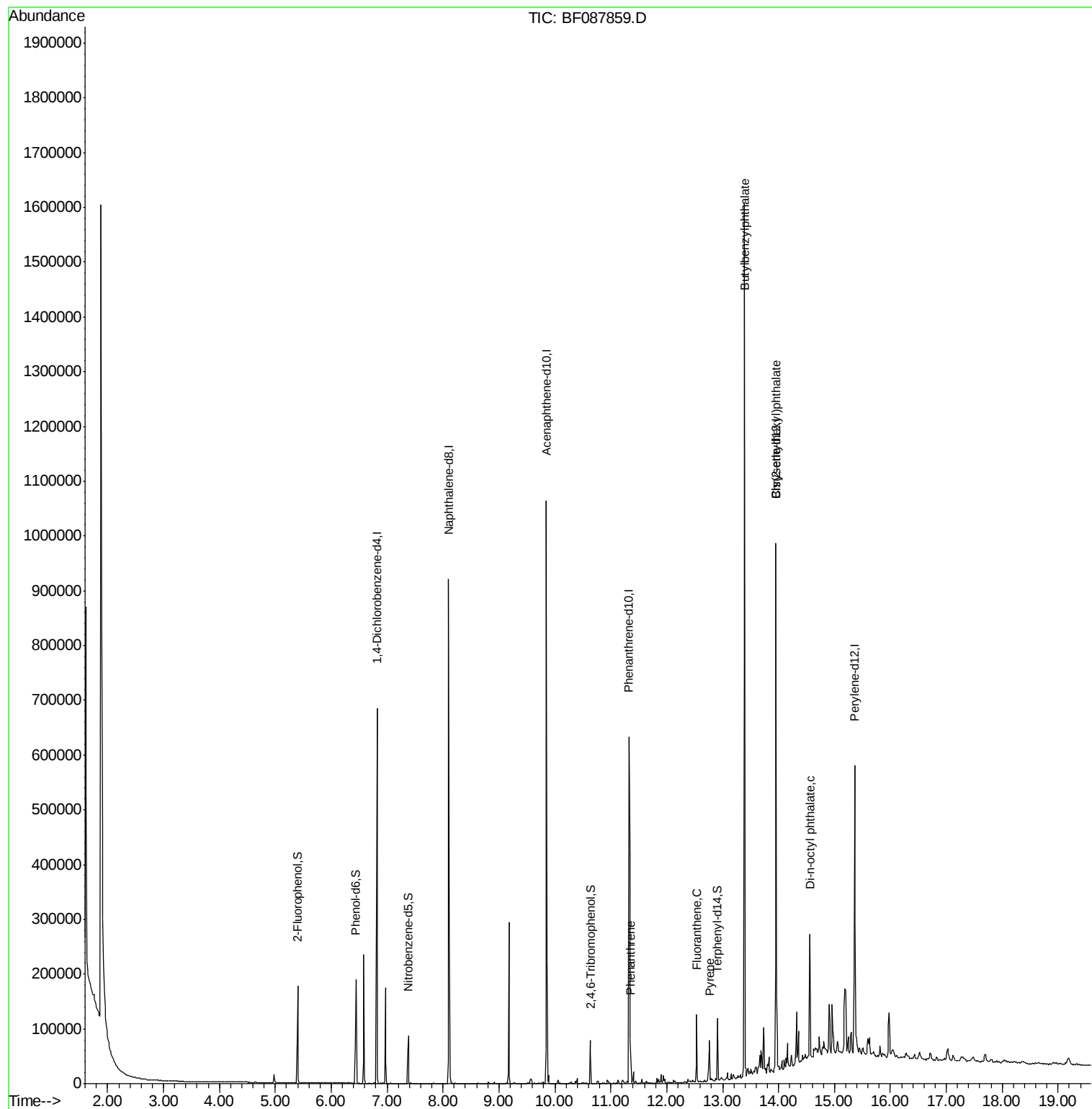
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	122596	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	427808	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	197763	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	298526	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	258920	20.00	ng	-0.03
86) Perylene-d12	15.36	264	224565	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	55113	7.69	ng	-0.02
7) Phenol-d6	6.44	99	71670	8.25	ng	-0.03
23) Nitrobenzene-d5	7.38	82	35811	4.89	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	12870	6.16	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	83712	1.19	ng	-0.03
78) Terphenyl-d14	12.90	244	46932	4.12	ng	-0.05
Target Compounds						Qvalue
70) Phenanthrene	11.35	178	35720	2.28	ng	99
74) Fluoranthene	12.54	202	49079	2.97	ng	96
77) Pyrene	12.76	202	40044	2.08	ng	99
79) Butylbenzylphthalate	13.39	149	450727	53.06	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	56113	5.43	ng	# 58
84) Di-n-octyl phthalate	14.56	149	106339	6.33	ng	# 100

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

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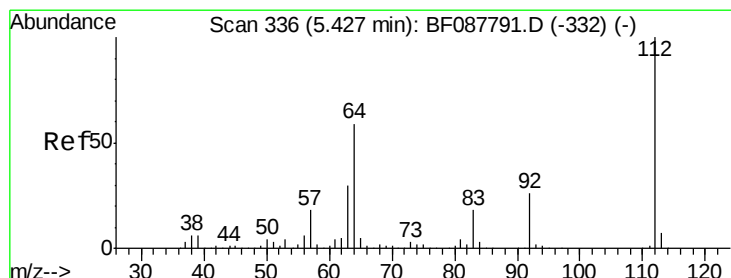
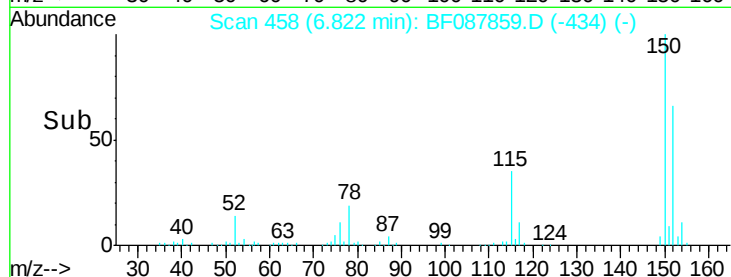
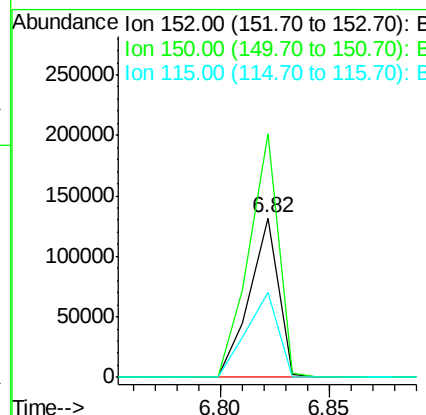
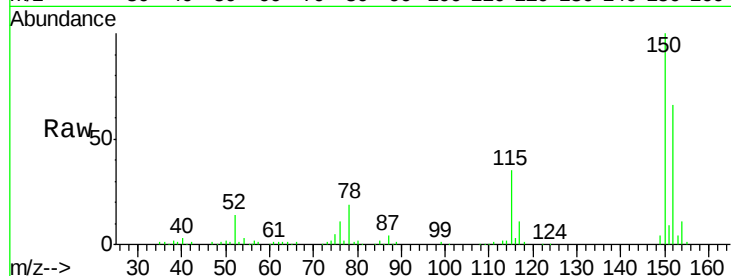




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF087859.D
 Acq: 9 Jun 2016 18:26

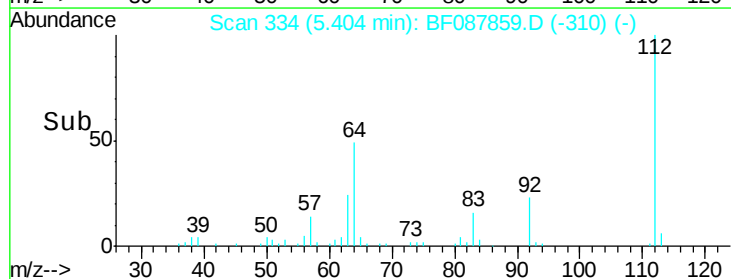
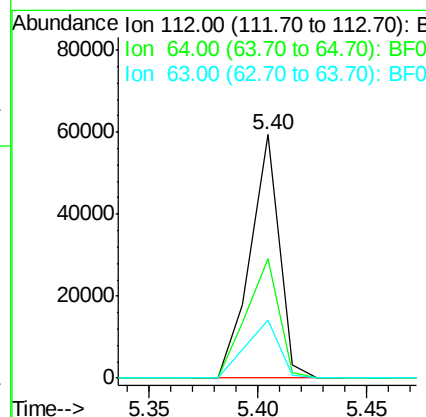
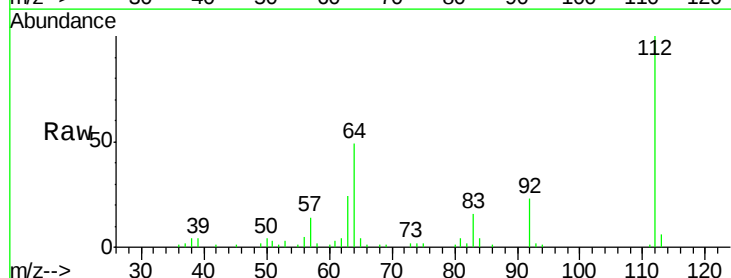
Instrument :
 BNA_F
 ClientSampled :
 SS-32DL

Tot Ion:152 Resp: 122596
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.8 185.6
 115 53.0 39.6 59.4



#5
 2-Fluorophenol
 Concen: 7.69 ng
 RT: 5.40 min Scan# 334
 Delta R.T. -0.02 min
 Lab File: BF087859.D
 Acq: 9 Jun 2016 18:26

Tgt Ion:112 Resp: 55113
 Ion Ratio Lower Upper
 112 100
 64 48.9 42.2 63.2
 63 23.9 21.8 32.8





#7

Phenol-d6

Concen: 8.25 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087859.D

Acq: 9 Jun 2016 18:26

Instrument :

BNA_F

ClientSampleId :

SS-32DL

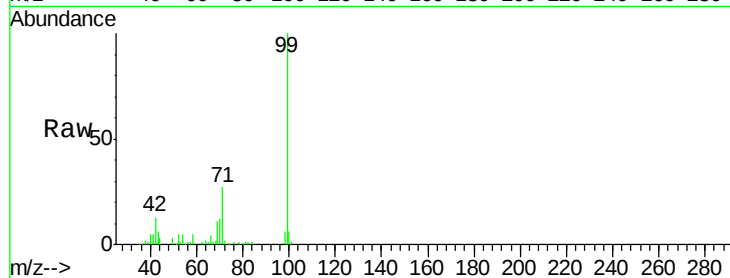
Tot Ion: 99 Resp: 71670

Ion Ratio Lower Upper

99 100

42 12.5 12.2 18.2

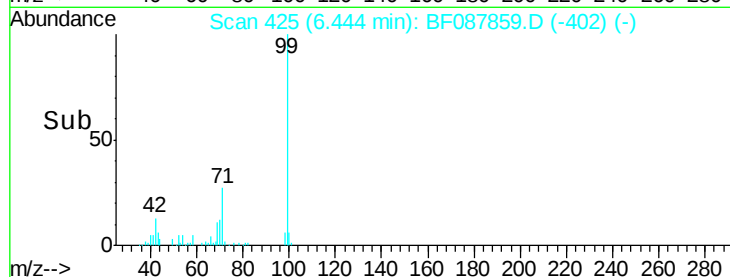
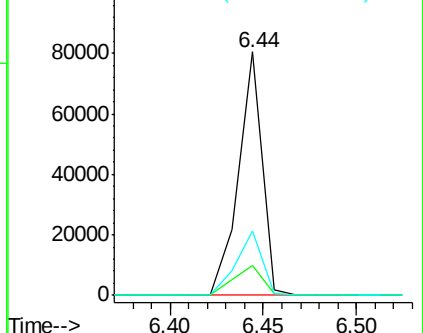
71 26.7 23.4 35.0



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: 8.10 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF087859.D

Acq: 9 Jun 2016 18:26

Tgt Ion: 136 Resp: 427808

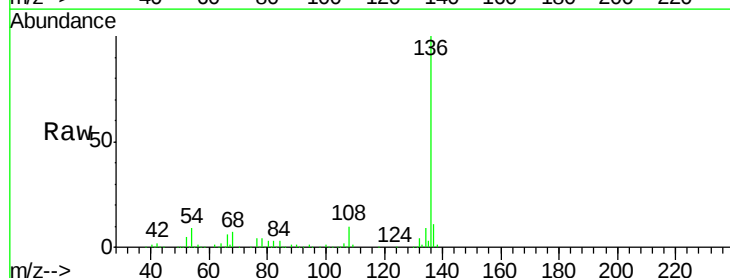
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.0 6.6 10.0

68 6.9 5.1 7.7

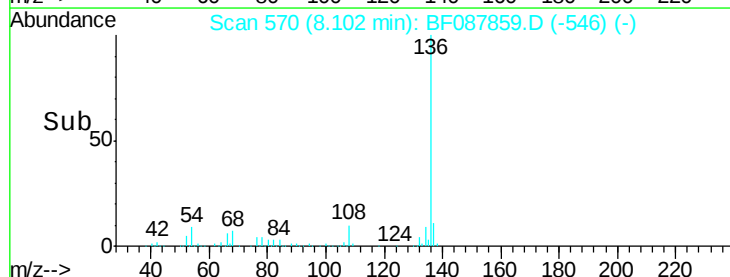
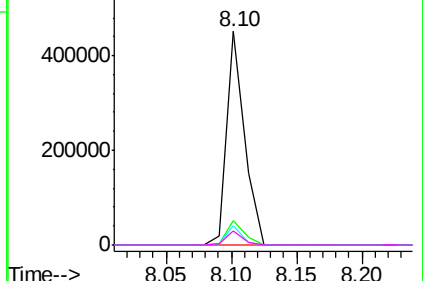


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.89 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF087859.D

Acq: 9 Jun 2016 18:26

Instrument :

BNA_F

ClientSampleId :

SS-32DL

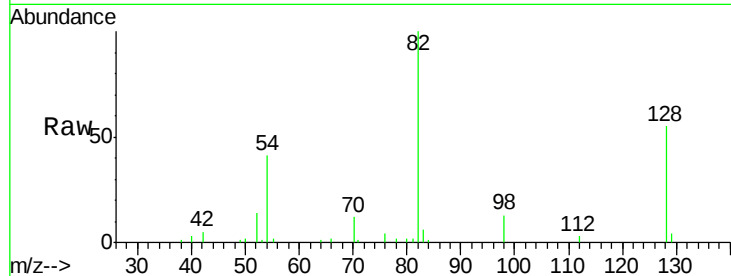
Tot Ion: 82 Resp: 35811

Ion Ratio Lower Upper

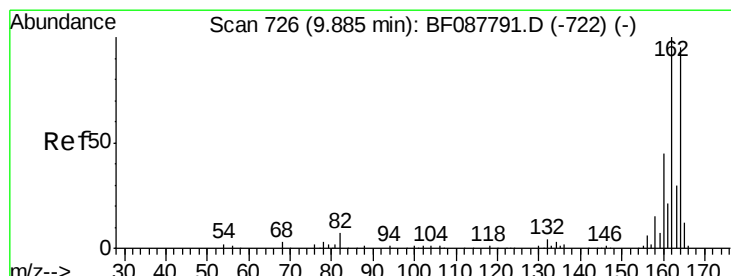
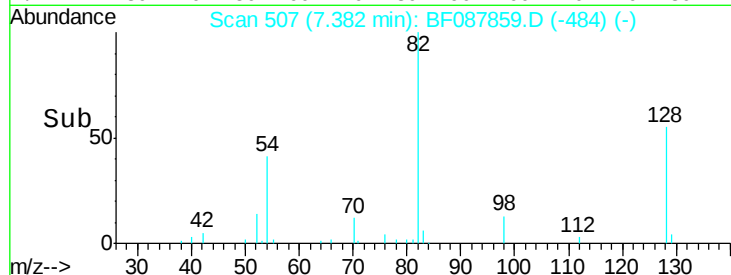
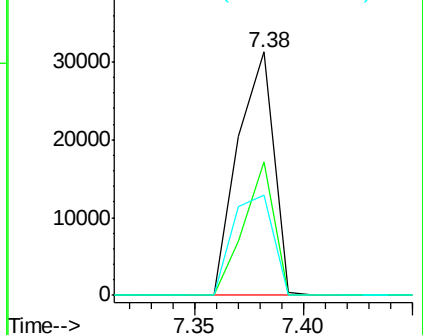
82 100

128 54.8 35.9 53.9#

54 41.2 40.9 61.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF087859.D

Acq: 9 Jun 2016 18:26

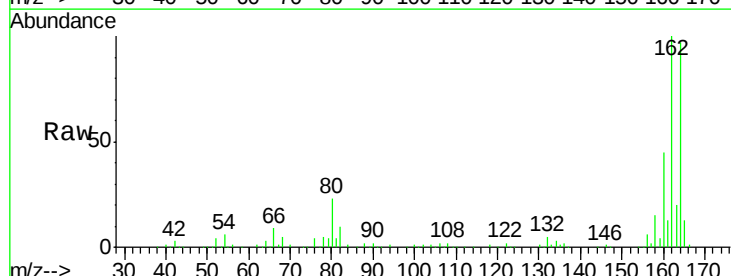
Tgt Ion:164 Resp: 197763

Ion Ratio Lower Upper

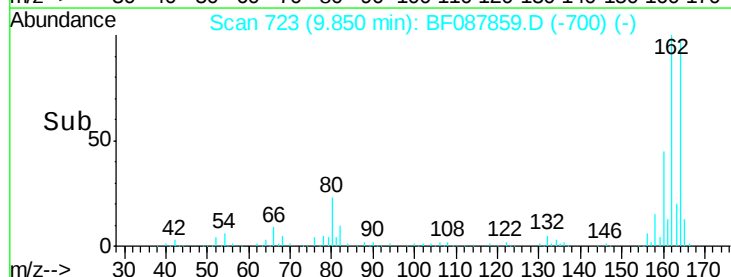
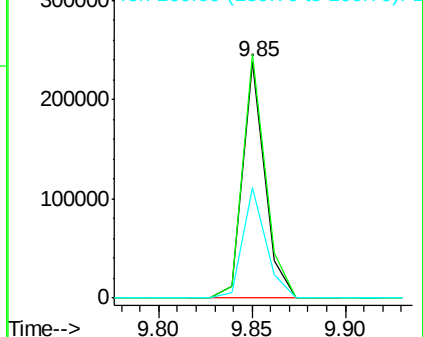
164 100

162 103.1 85.4 128.2

160 46.8 39.5 59.3



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

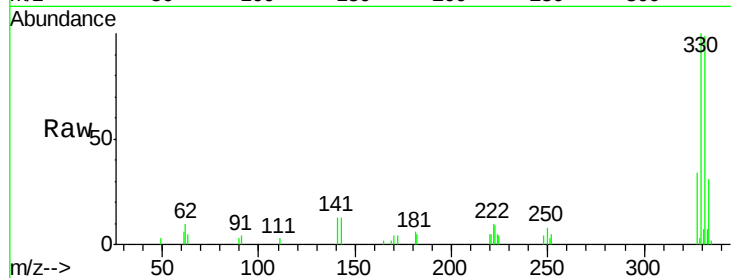




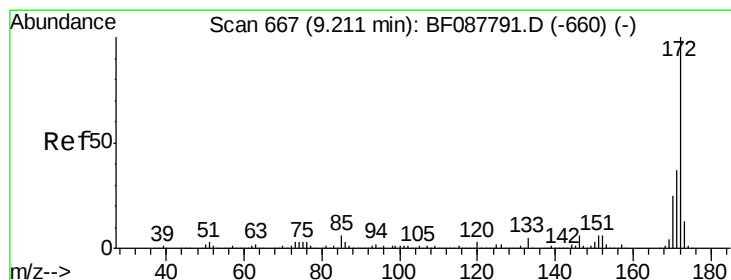
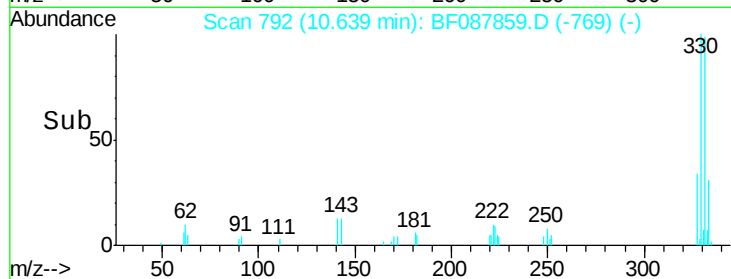
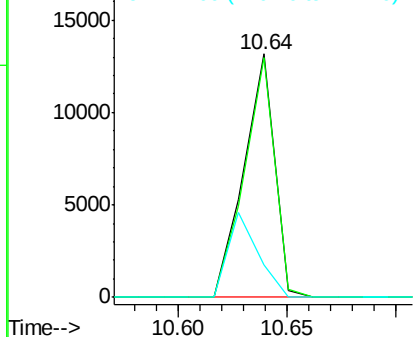
#41
 2,4,6-Tribromophenol
 Concen: 6.16 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087859.D
 Acq: 9 Jun 2016 18:26

Instrument :
 BNA_F
 ClientSampleId :
 SS-32DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	33.8	0.0	0.0#

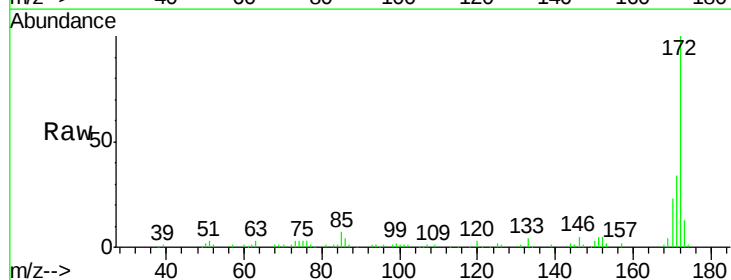


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

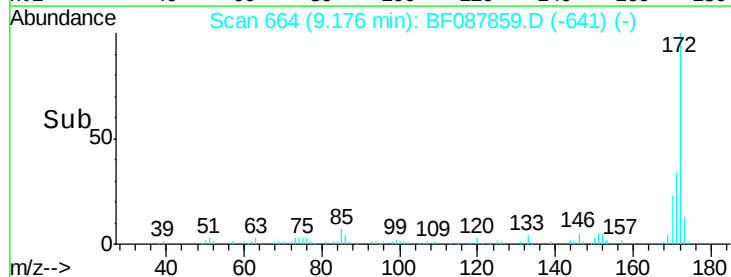
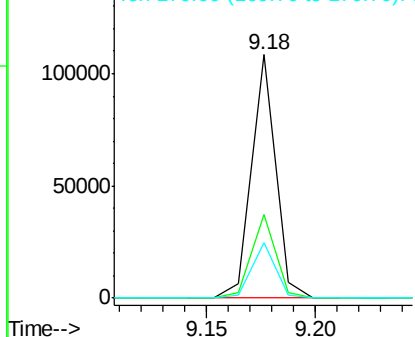


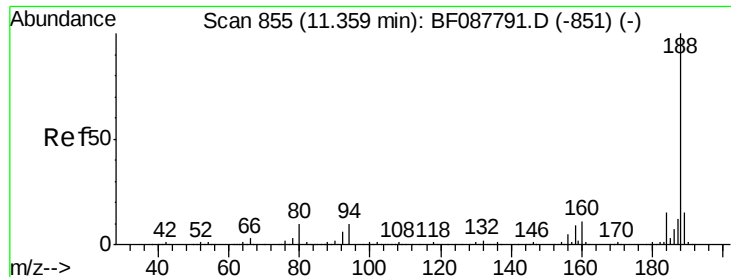
#44
 2-Fluorobiphenyl
 Concen: 1.19 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087859.D
 Acq: 9 Jun 2016 18:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	22.8	19.2	28.8



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

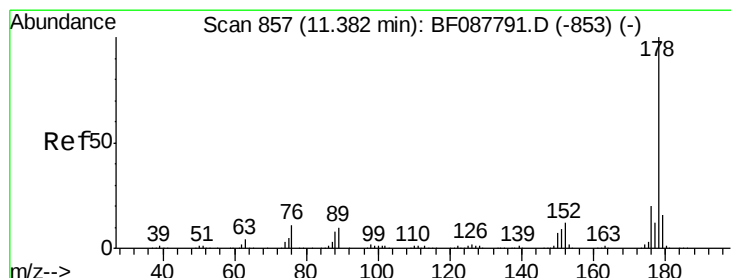
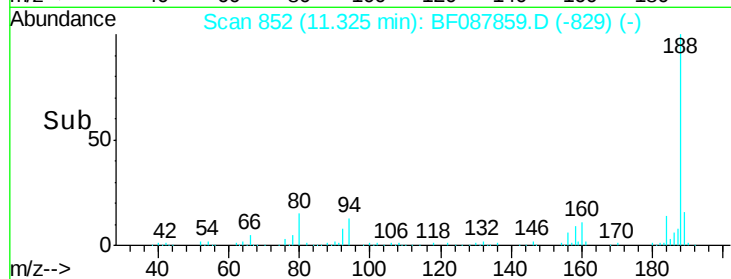
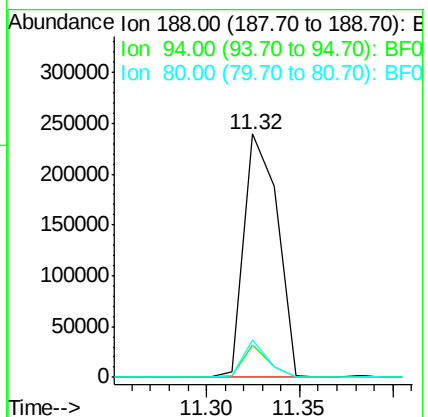
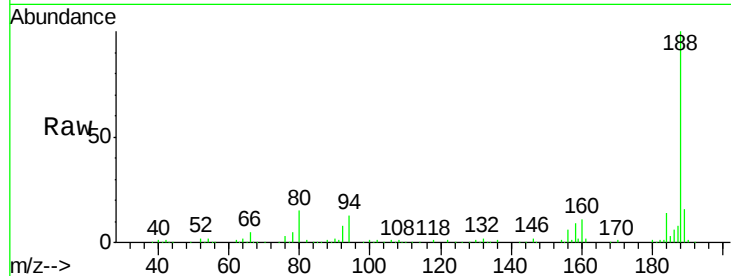




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

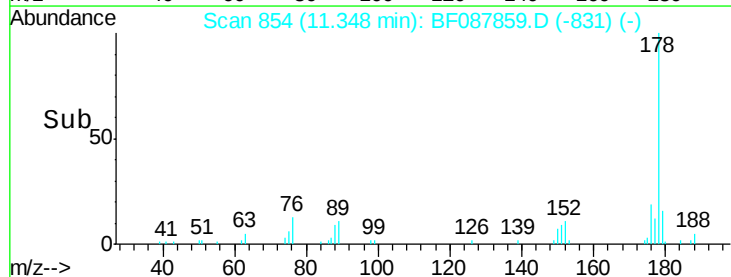
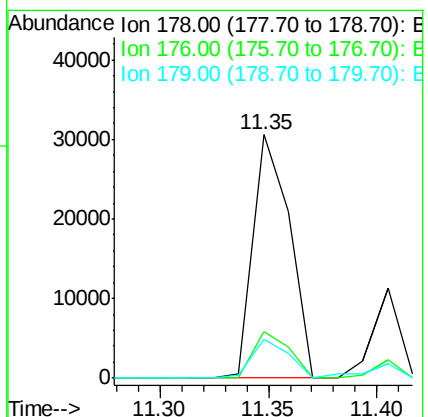
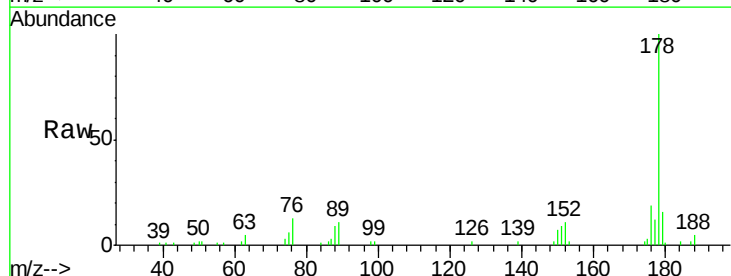
Instrument :
BNA_F
ClientSampleId :
SS-32DL

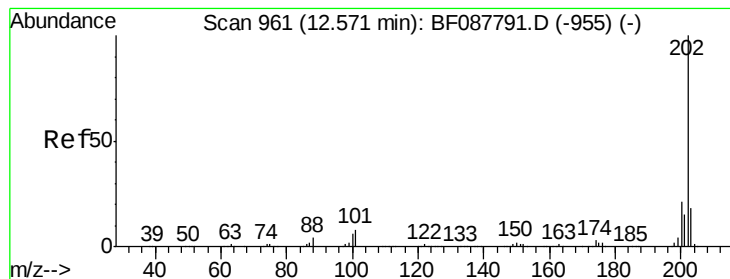
Tot Ion:188 Resp: 298526
Ion Ratio Lower Upper
188 100
94 13.3 9.0 13.6
80 15.2 10.0 15.0#



#70
Phenanthrene
Concen: 2.28 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087859.D
Acq: 9 Jun 2016 18:26

Tgt Ion:178 Resp: 35720
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 15.7 13.0 19.4





#74

Fluoranthene

Concen: 2.97 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087859.D

Acq: 9 Jun 2016 18:26

Instrument :

BNA_F

ClientSampleId :

SS-32DL

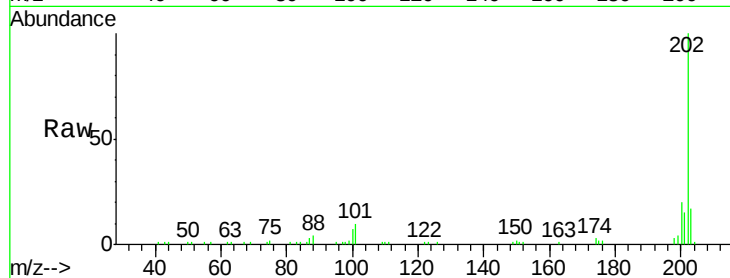
Tot Ion:202 Resp: 49079

Ion Ratio Lower Upper

202 100

101 10.2 0.0 33.1

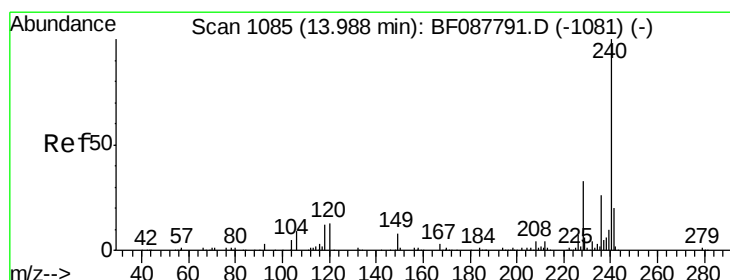
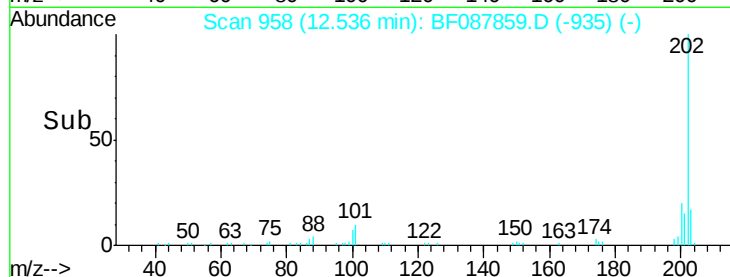
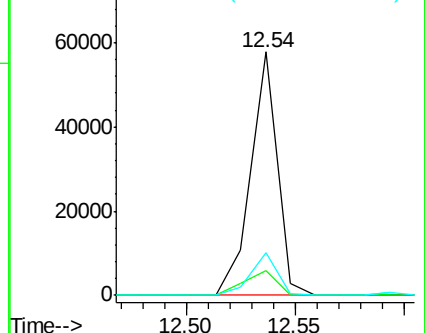
203 17.5 0.0 38.1



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: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF087859.D

Acq: 9 Jun 2016 18:26

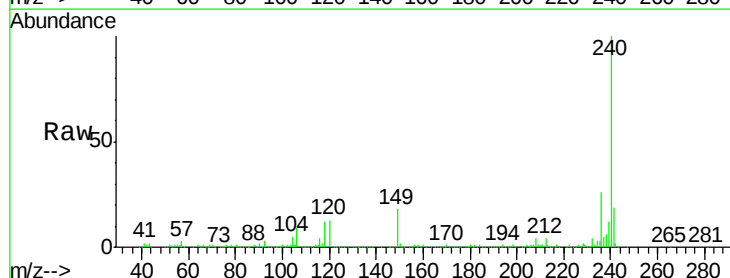
Tgt Ion:240 Resp: 258920

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

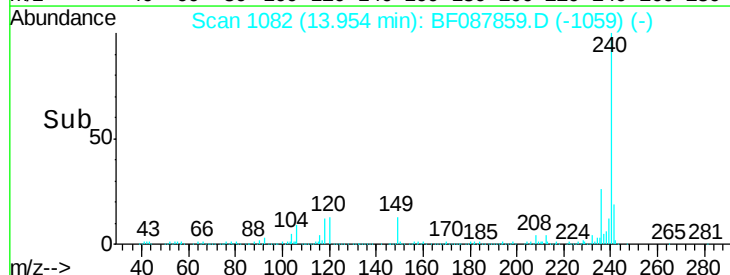
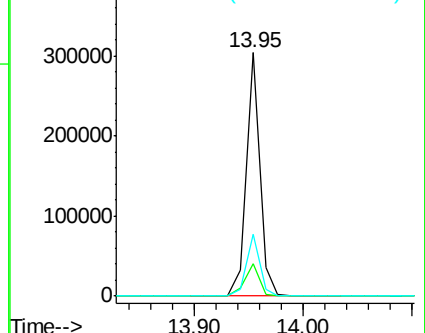
236 25.6 20.2 30.2

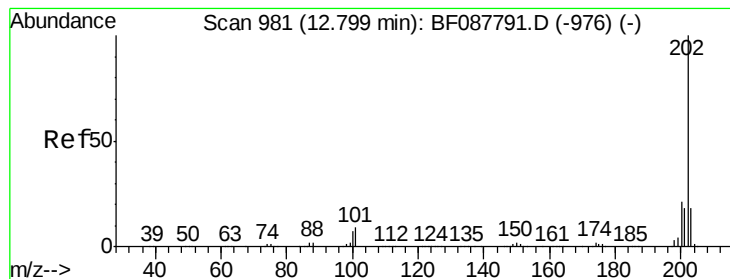


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.08 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF087859.D

Acq: 9 Jun 2016 18:26

Instrument :

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ClientSampleId :

SS-32DL

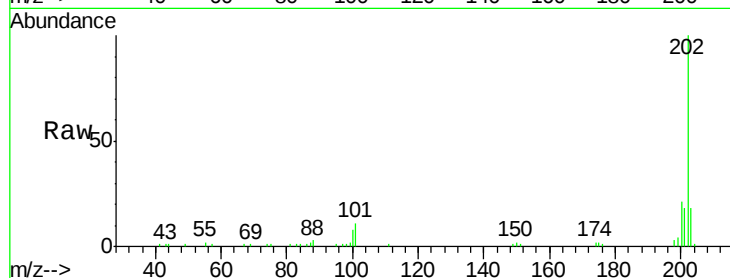
Tot Ion:202 Resp: 40044

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

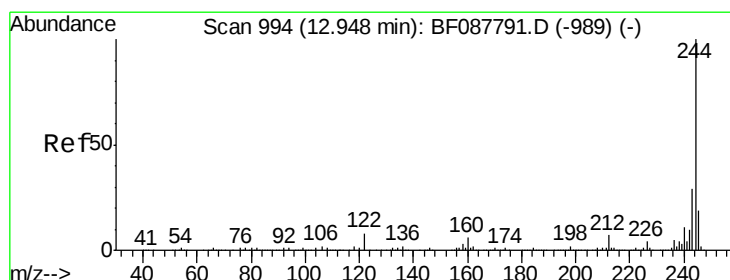
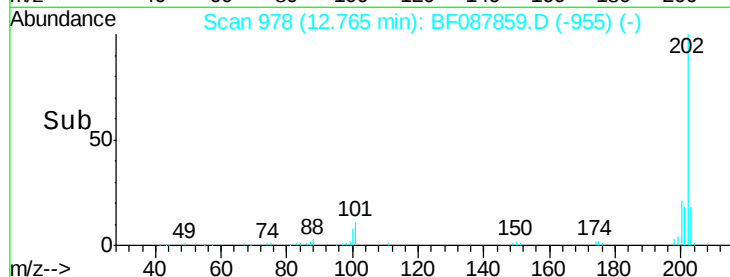
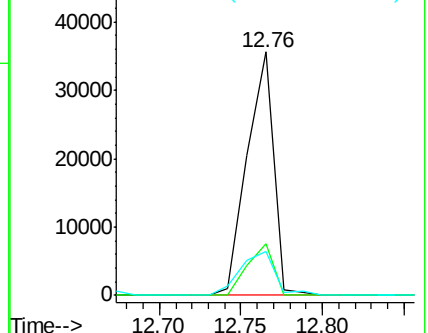
203 18.0 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 4.12 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.05 min

Lab File: BF087859.D

Acq: 9 Jun 2016 18:26

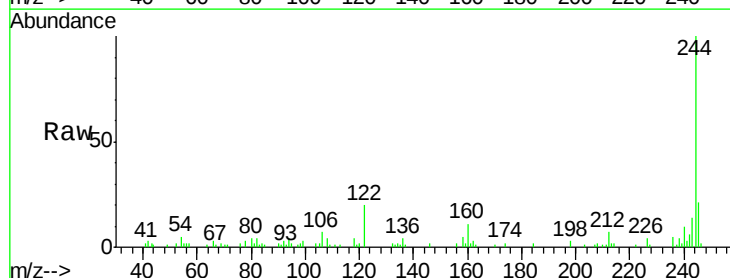
Tgt Ion:244 Resp: 46932

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

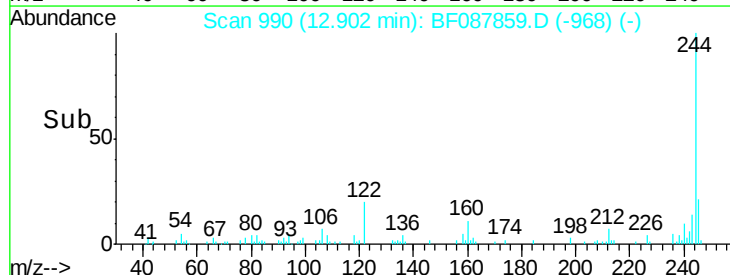
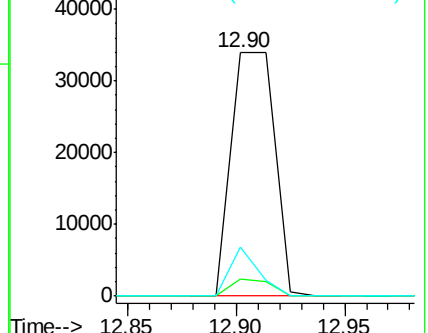
122 20.3 11.2 16.8#

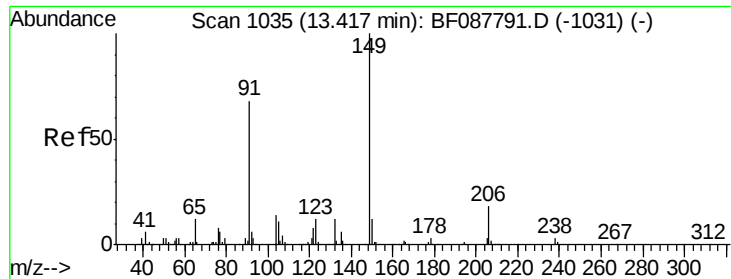


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 53.06 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF087859.D

Acq: 9 Jun 2016 18:26

Instrument :

BNA_F

ClientSampleId :

SS-32DL

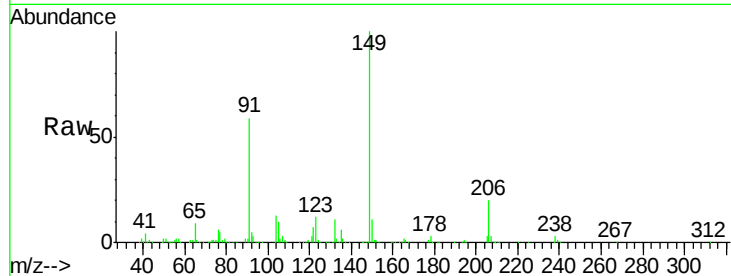
Tot Ion:149 Resp: 450727

Ion Ratio Lower Upper

149 100

91 59.3 48.0 72.0

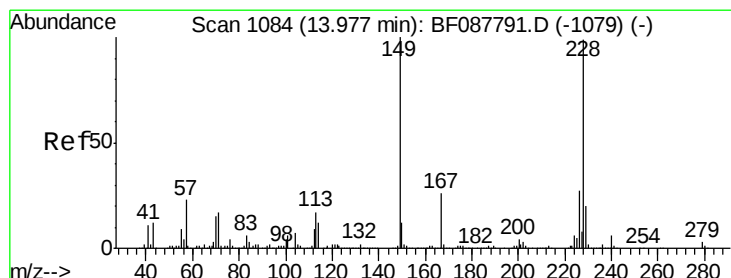
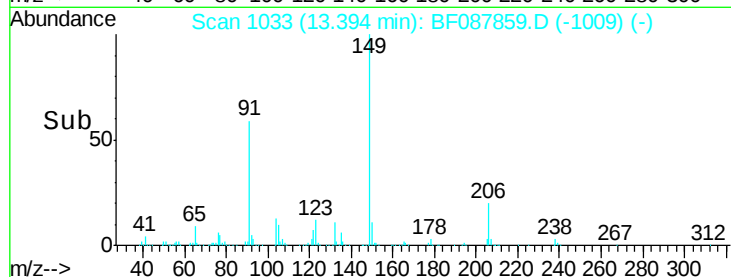
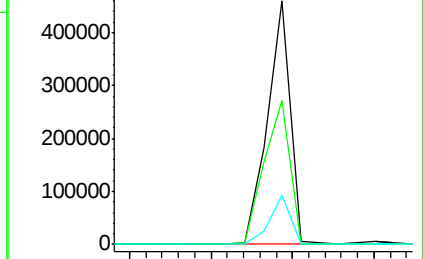
206 20.3 16.0 24.0



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: 5.43 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087859.D

Acq: 9 Jun 2016 18:26

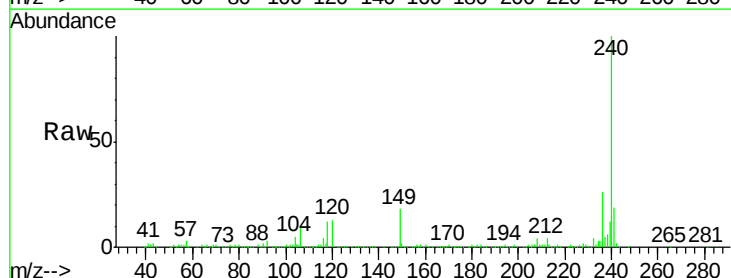
Tgt Ion:149 Resp: 56113

Ion Ratio Lower Upper

149 100

167 2.5 20.5 30.7#

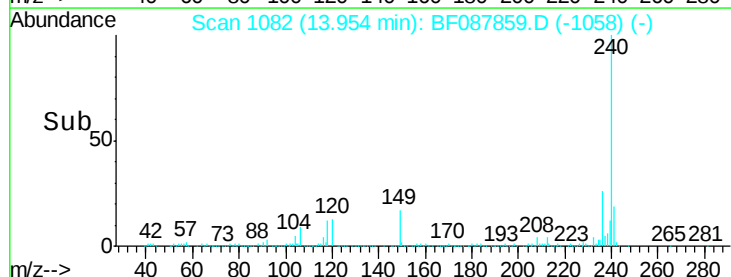
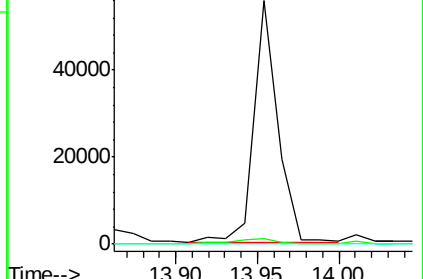
279 0.0 2.0 3.0#

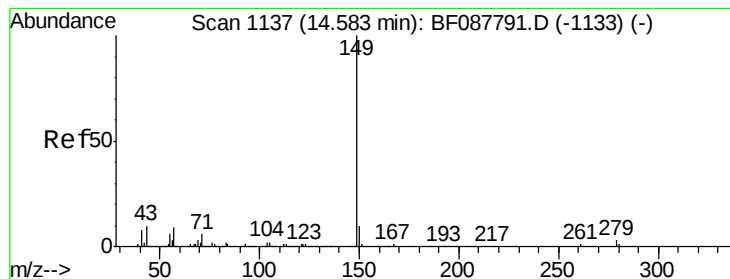


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 6.33 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF087859.D

Acq: 9 Jun 2016 18:26

Instrument :

BNA_F

ClientSampleId :

SS-32DL

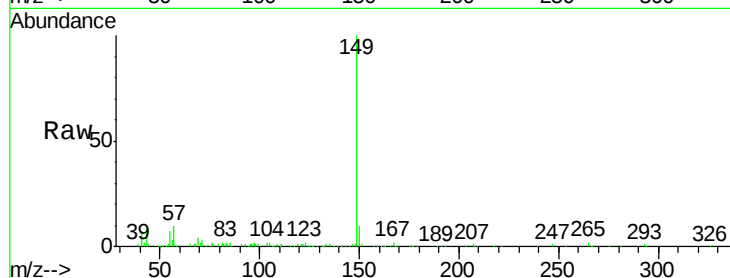
Tot Ion:149 Resp: 106339

Ion Ratio Lower Upper

149 100

167 4.4 0.0 0.0#

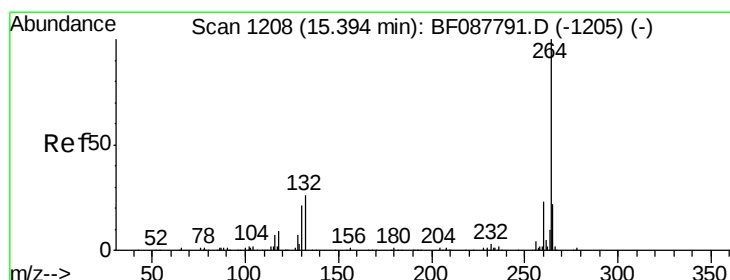
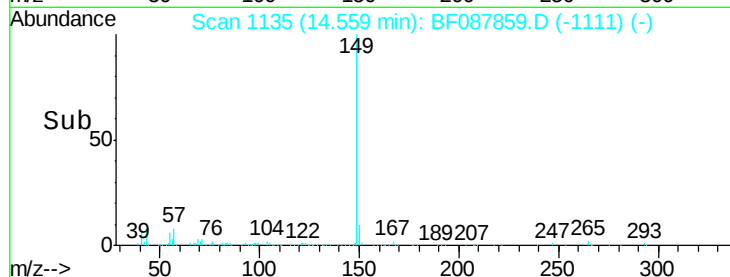
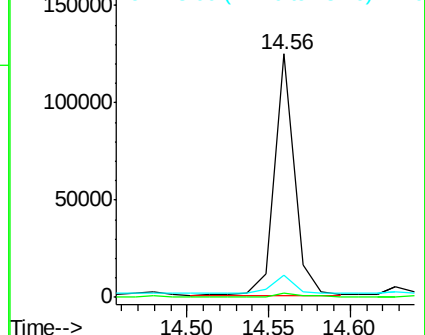
43 9.7 0.0 0.0#



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: 15.36 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF087859.D

Acq: 9 Jun 2016 18:26

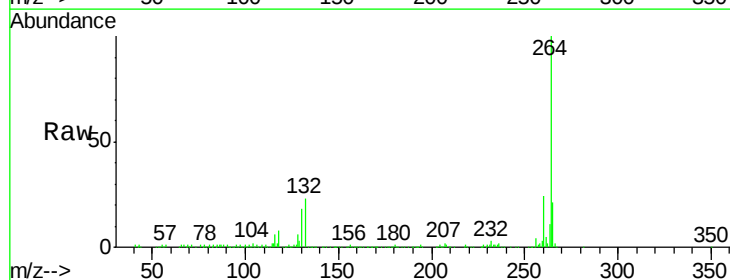
Tgt Ion:264 Resp: 224565

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.4 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

