

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089662.D
 Acq On : 8 Aug 2016 15:27
 Operator : UM/SJ
 Sample : H4351-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Aug 09 03:47:56 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

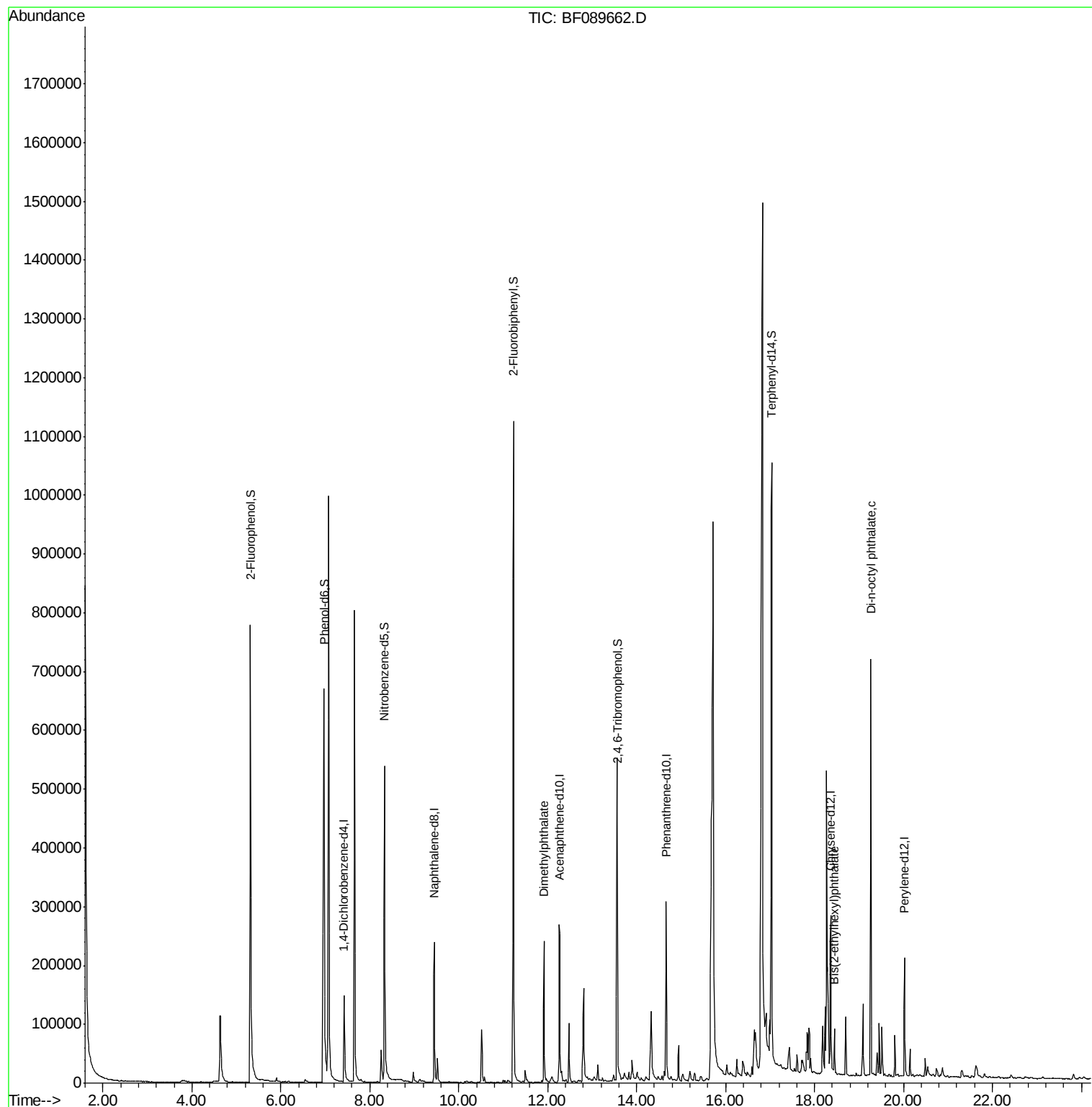
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	45280	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	190390	20.00	ng	-0.02
38) Acenaphthene-d10	12.26	164	91814	20.00	ng	-0.03
63) Phenanthrene-d10	14.66	188	177740	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	142528	20.00	ng	-0.02
86) Perylene-d12	20.02	264	101479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	377003	139.55	ng	0.00
7) Phenol-d6	6.97	99	508947	138.87	ng	-0.01
23) Nitrobenzene-d5	8.33	82	305960	88.89	ng	-0.03
41) 2,4,6-Tribromophenol	13.57	330	98594	130.13	ng	-0.02
44) 2-Fluorobiphenyl	11.23	172	581177	82.27	ng	-0.02
78) Terphenyl-d14	17.04	244	528635	73.22	ng	-0.01
Target Compounds						
49) Dimethylphthalate	11.92	163	141198	19.62	ng	Qvalue 100
83) Bis(2-ethylhexyl)phthalate	18.45	149	27031	3.64	ng	100
84) Di-n-octyl phthalate	19.27	149	88077	8.24	ng	# 54

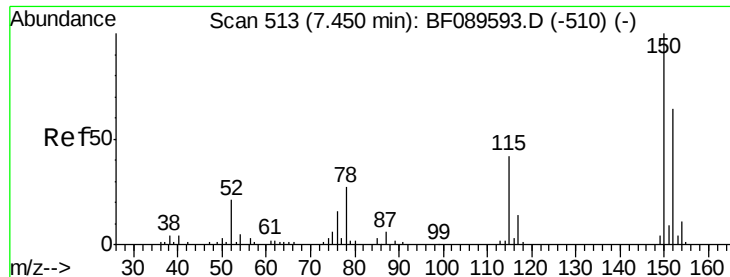
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 05 01:39:23 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF089662.D

Acq: 8 Aug 2016 15:27

Instrument :

BNA_F

ClientSampled :

SB-4

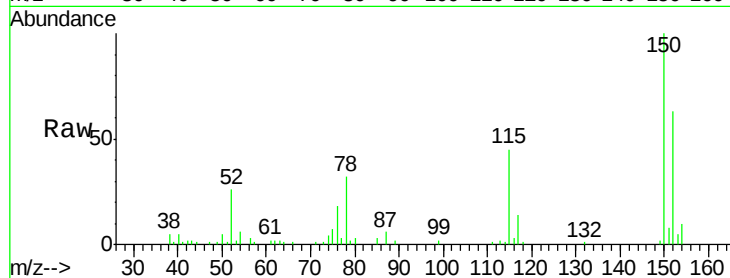
Tgt Ion:152 Resp: 45280

Ion Ratio Lower Upper

152 100

150 159.6 125.5 188.3

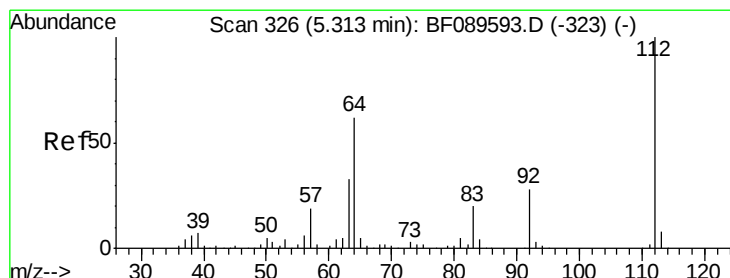
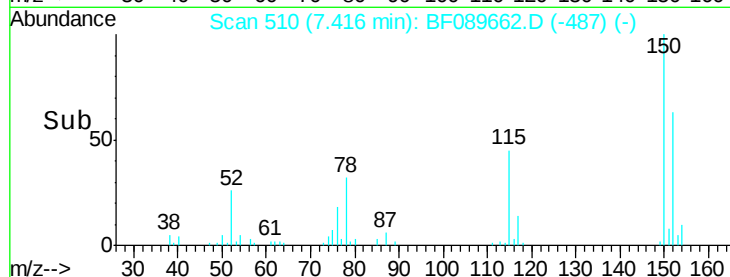
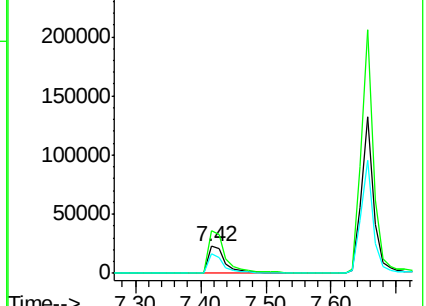
115 71.9 52.0 78.0



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: 139.55 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF089662.D

Acq: 8 Aug 2016 15:27

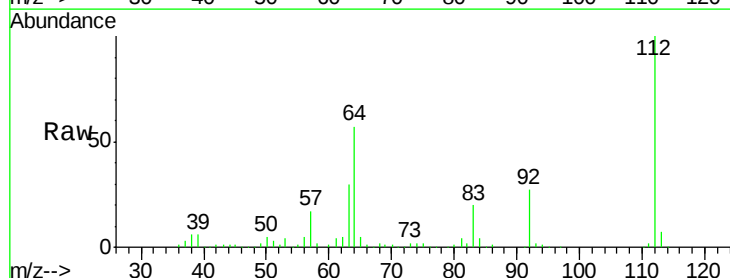
Tgt Ion:112 Resp: 377003

Ion Ratio Lower Upper

112 100

64 56.8 49.9 74.9

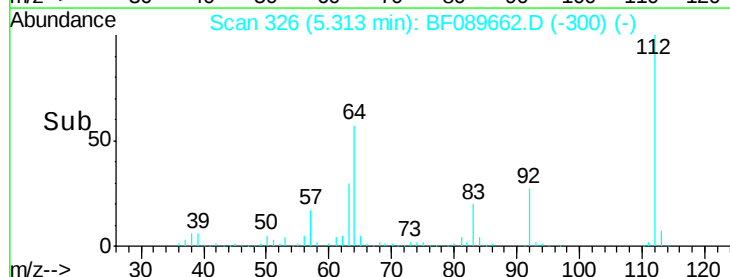
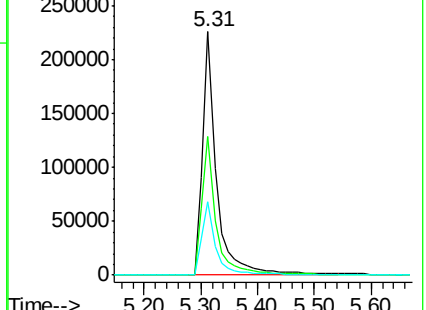
63 30.4 26.1 39.1



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: 138.87 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089662.D

Acq: 8 Aug 2016 15:27

Instrument :

BNA_F

ClientSampleId :

SB-4

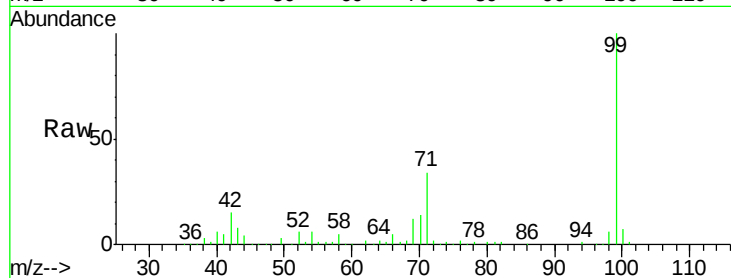
Tgt Ion: 99 Resp: 508947

Ion Ratio Lower Upper

99 100

42 15.0 13.7 20.5

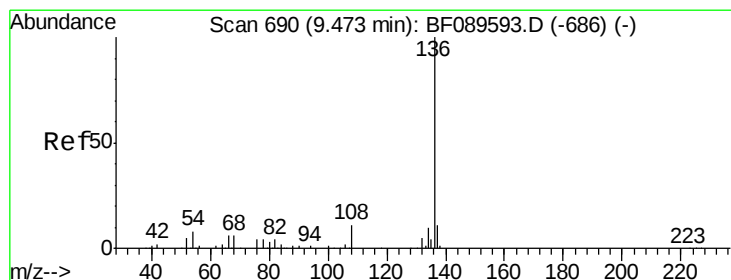
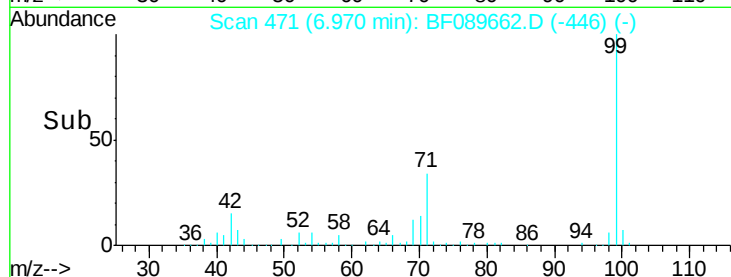
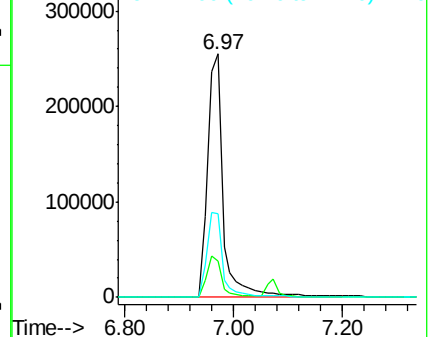
71 34.4 29.0 43.4



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: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF089662.D

Acq: 8 Aug 2016 15:27

Tgt Ion: 136 Resp: 190390

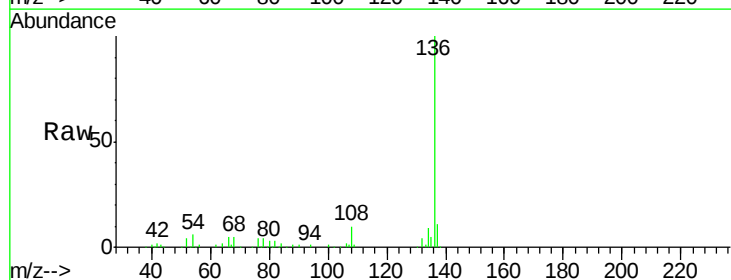
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.5 6.0 9.0

68 5.3 4.6 6.8

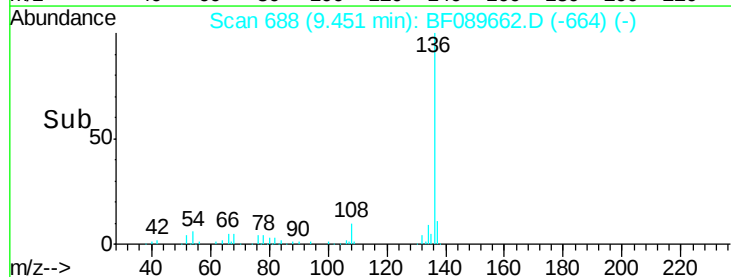
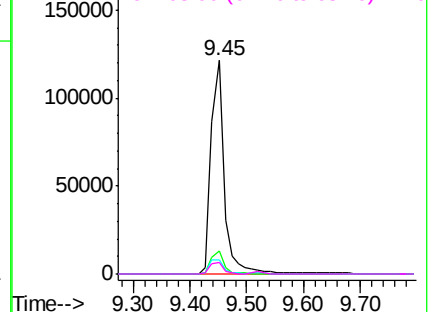


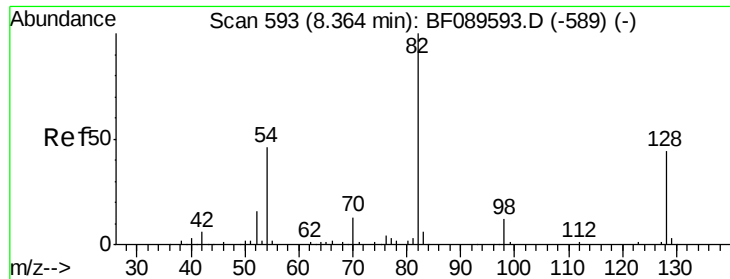
Abundance Ion 136.00 (135.70 to 136.70): E

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

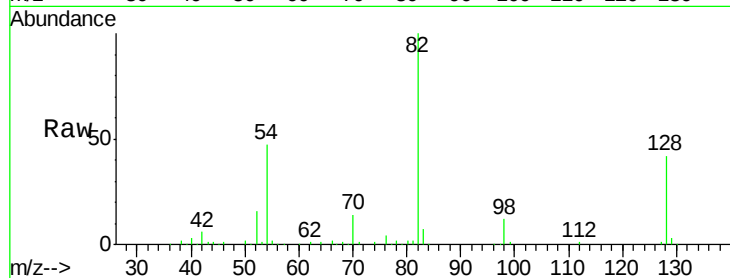




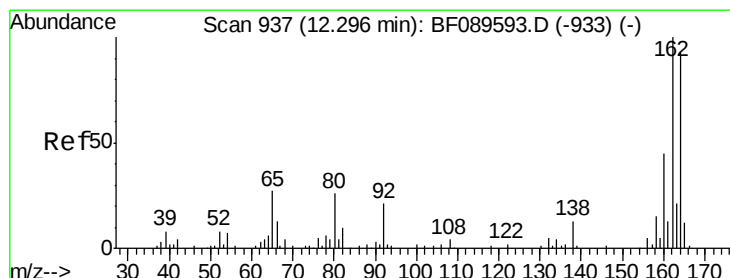
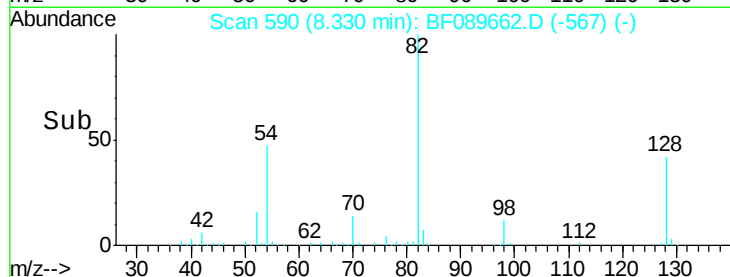
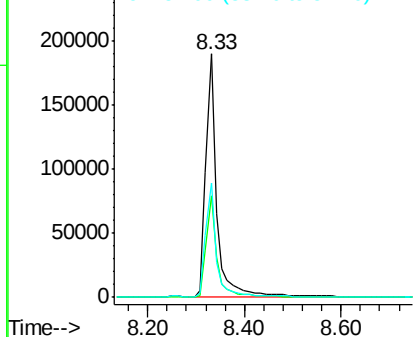
#23
 Nitrobenzene-d5
 Concen: 88.89 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF089662.D
 Acq: 8 Aug 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion: 82 Resp: 305960
 Ion Ratio Lower Upper
 82 100
 128 41.7 35.4 53.0
 54 46.9 36.4 54.6

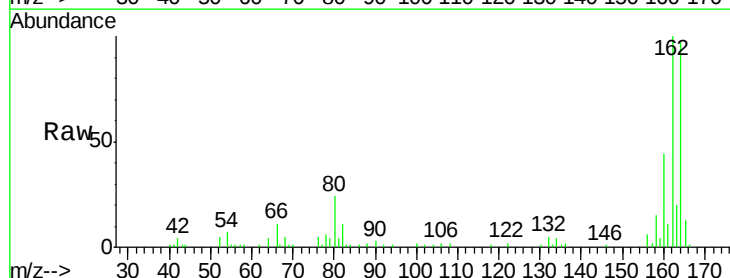


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

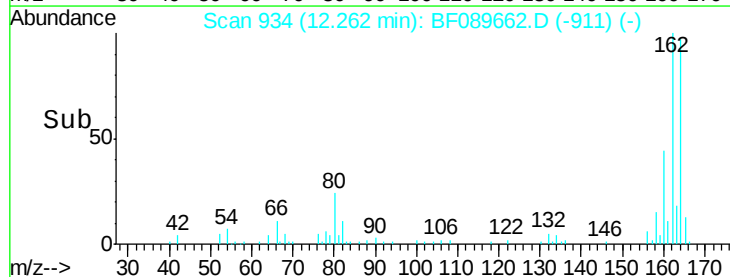
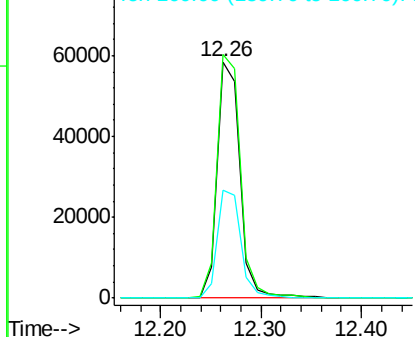


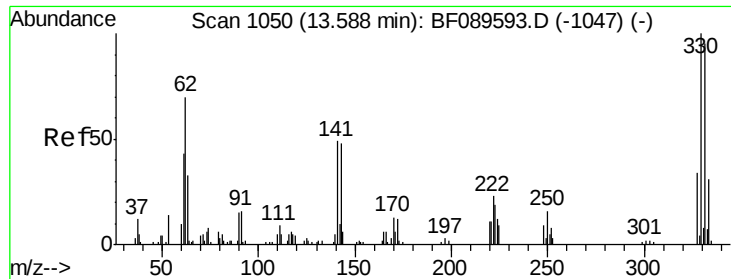
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF089662.D
 Acq: 8 Aug 2016 15:27

Tgt Ion: 164 Resp: 91814
 Ion Ratio Lower Upper
 164 100
 162 103.0 85.7 128.5
 160 45.4 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

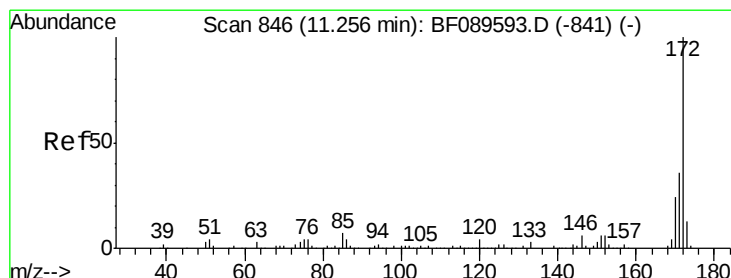
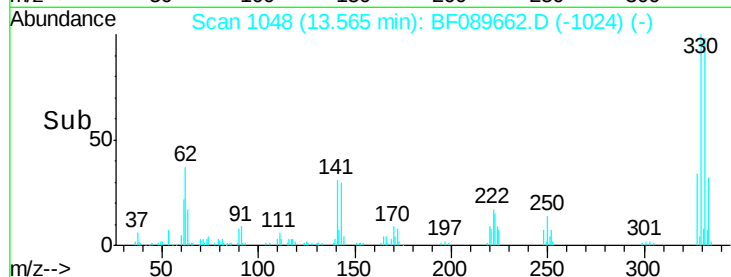
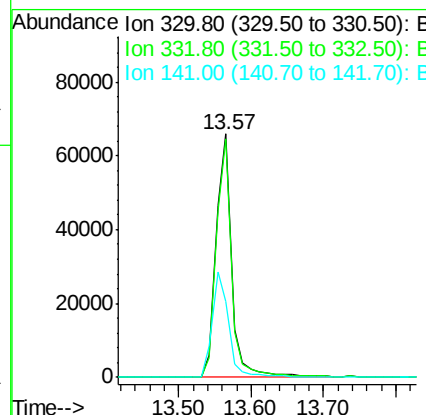
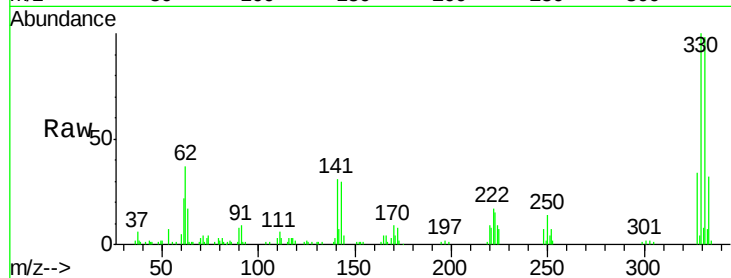




#41
 2,4,6-Tribromophenol
 Concen: 130.13 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF089662.D
 Acq: 8 Aug 2016 15:27

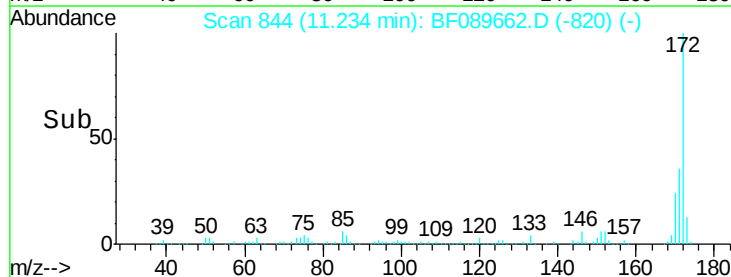
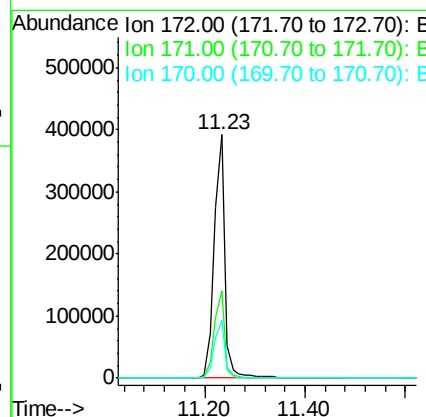
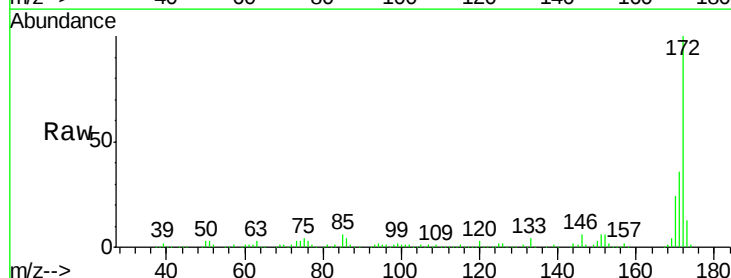
Instrument :
 BNA_F
 ClientSampleId :
 SB-4

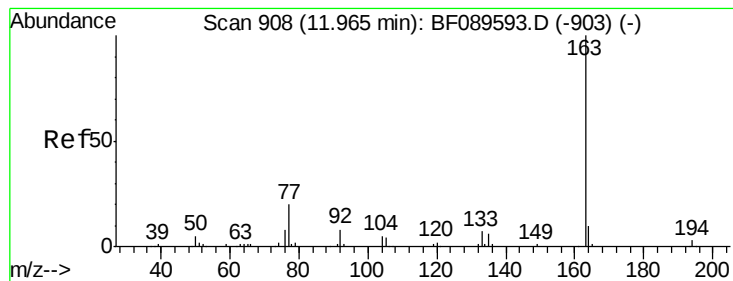
Tgt Ion:330 Resp: 98594
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 45.6 38.6 57.8



#44
 2-Fluorobiphenyl
 Concen: 82.27 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089662.D
 Acq: 8 Aug 2016 15:27

Tgt Ion:172 Resp: 581177
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.6 19.0 28.6





#49

Dimethylphthalate

Concen: 19.62 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF089662.D

Acq: 8 Aug 2016 15:27

Instrument :

BNA_F

ClientSampleId :

SB-4

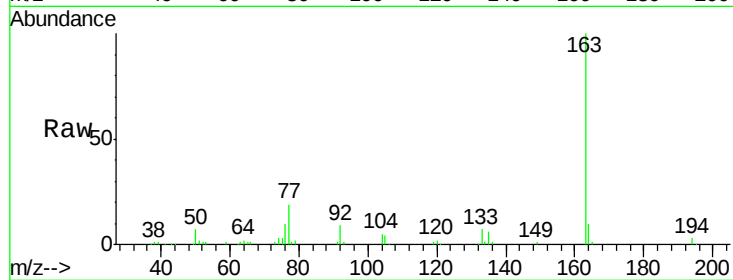
Tgt Ion:163 Resp: 141198

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

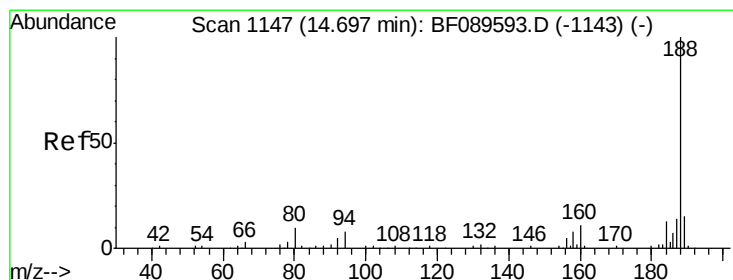
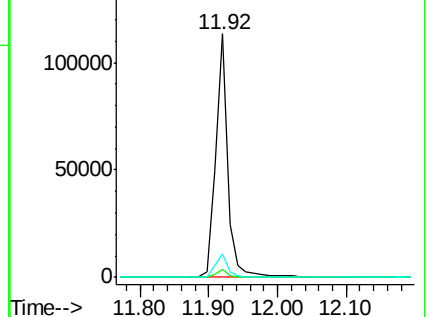
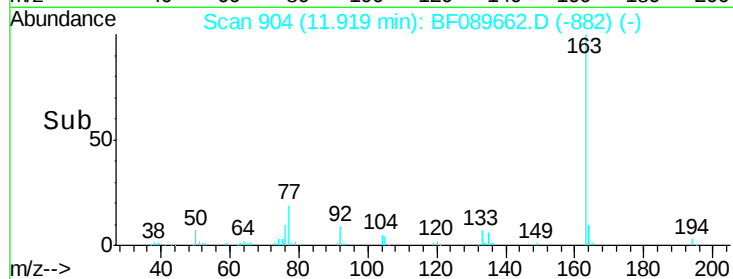
164 9.7 7.8 11.6



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: BF089662.D

Acq: 8 Aug 2016 15:27

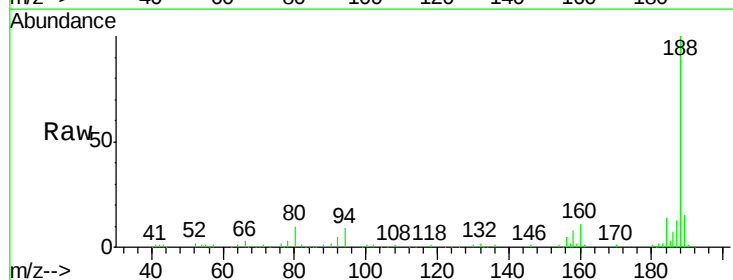
Tgt Ion:188 Resp: 177740

Ion Ratio Lower Upper

188 100

94 9.2 6.5 9.7

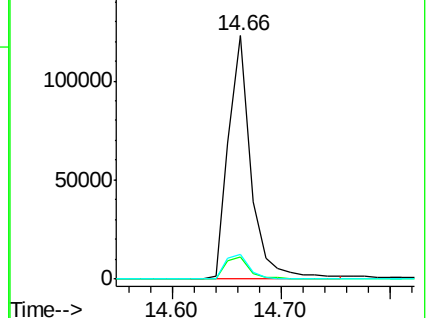
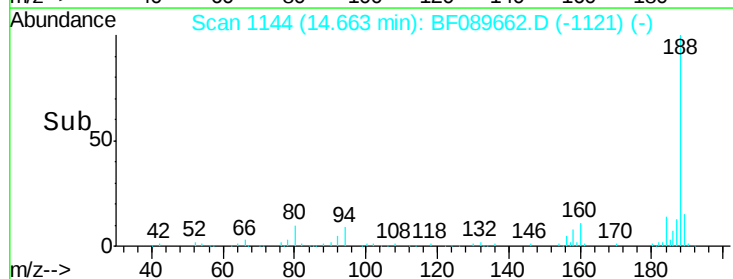
80 10.2 8.0 12.0

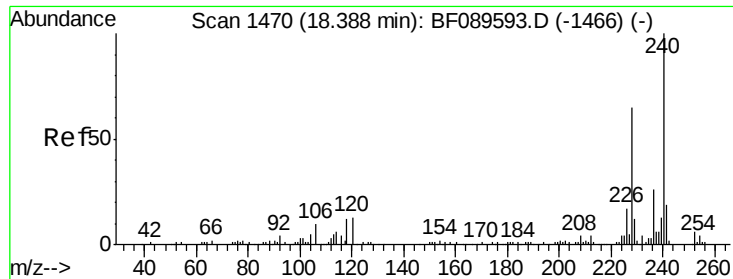


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.37 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF089662.D

Acq: 8 Aug 2016 15:27

Instrument :

BNA_F

ClientSampled :

SB-4

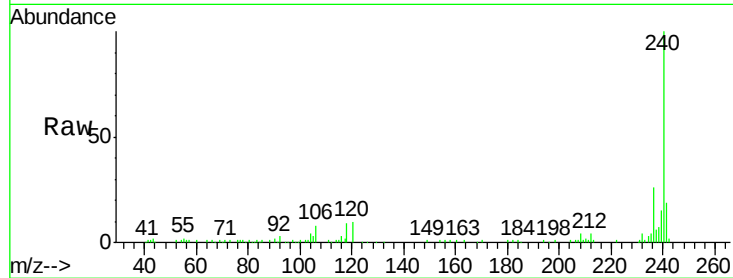
Tgt Ion:240 Resp: 142528

Ion Ratio Lower Upper

240 100

120 10.2 10.6 15.8#

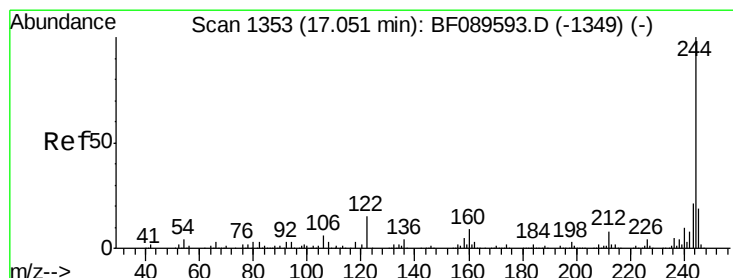
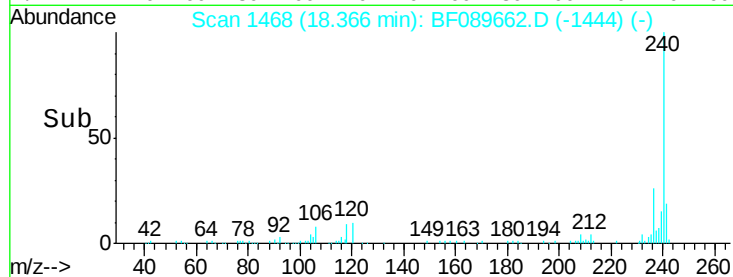
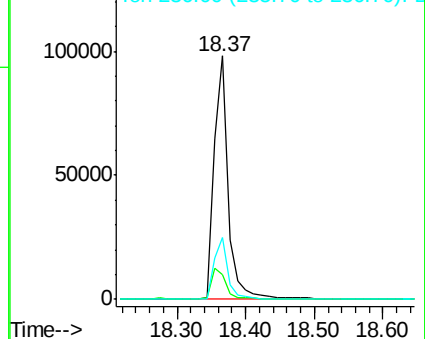
236 25.5 20.6 30.8



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: 73.22 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF089662.D

Acq: 8 Aug 2016 15:27

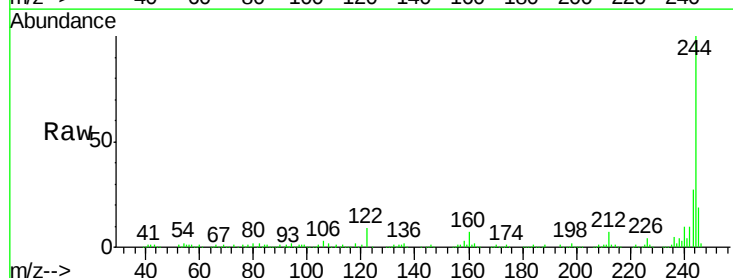
Tgt Ion:244 Resp: 528635

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

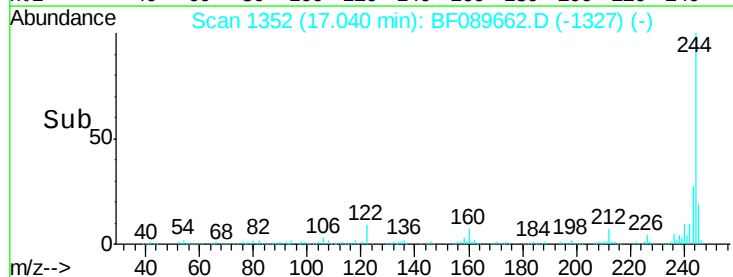
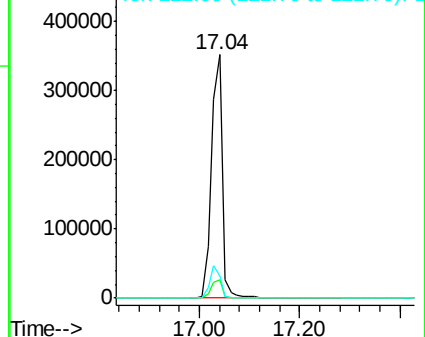
122 9.0 12.2 18.2#

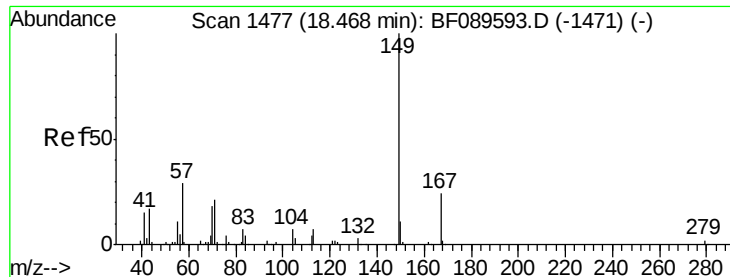


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.64 ng

RT: 18.45 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BF089662.D

Acq: 8 Aug 2016 15:27

Instrument :

BNA_F

ClientSampleId :

SB-4

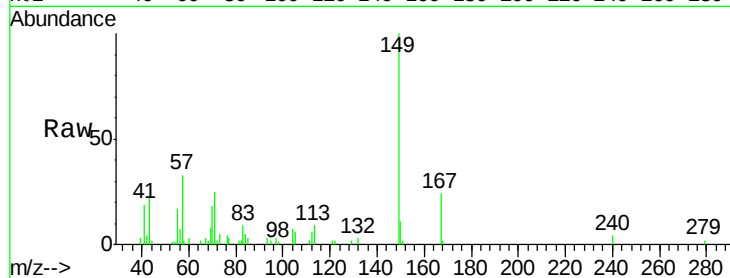
Tgt Ion:149 Resp: 27031

Ion Ratio Lower Upper

149 100

167 23.8 19.0 28.4

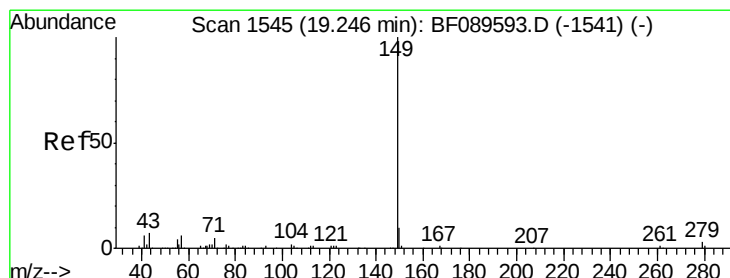
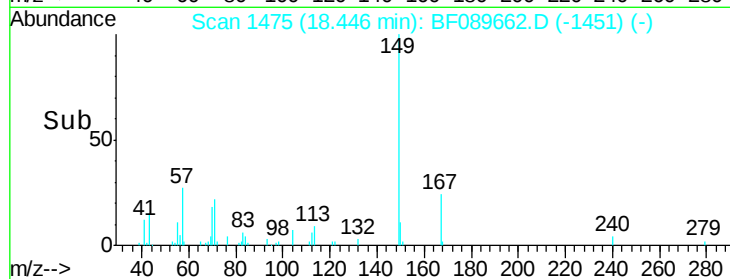
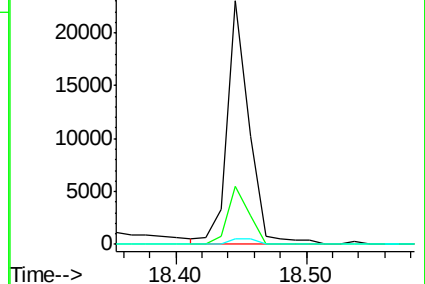
279 2.1 1.8 2.6



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: 8.24 ng

RT: 19.27 min Scan# 1547

Delta R.T. 0.02 min

Lab File: BF089662.D

Acq: 8 Aug 2016 15:27

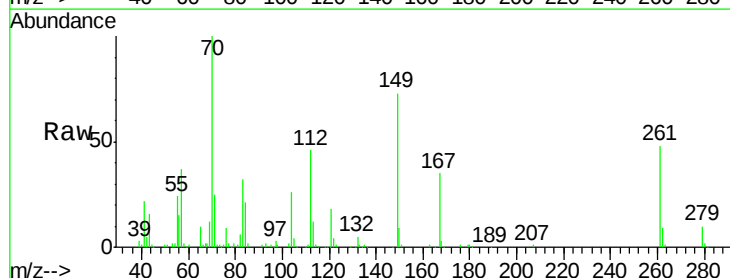
Tgt Ion:149 Resp: 88077

Ion Ratio Lower Upper

149 100

167 44.7 1.1 1.7#

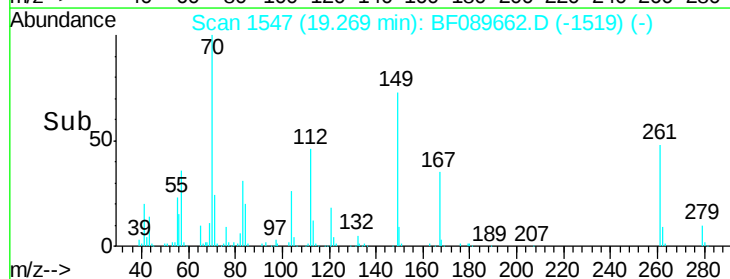
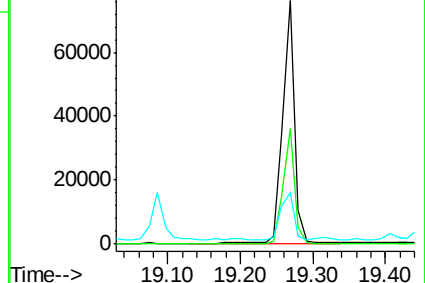
43 21.6 7.0 10.4#

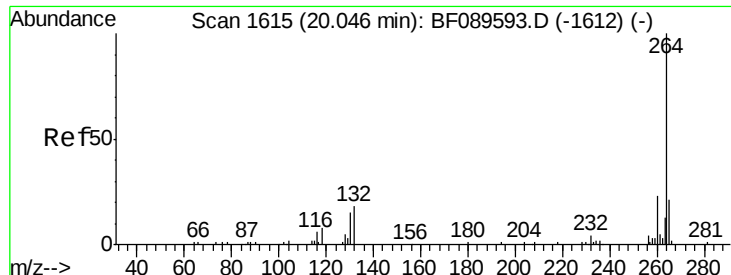


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

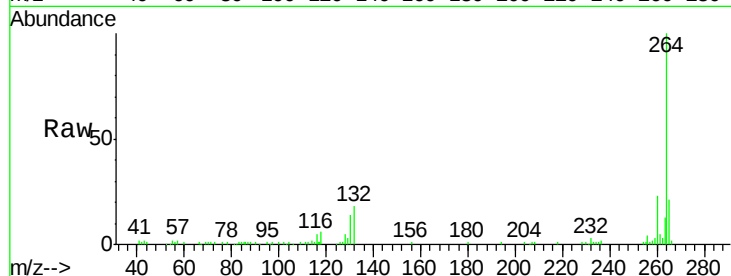




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.0	16.5	24.7



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

