

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085293.D
 Acq On : 9 Mar 2016 8:49
 Operator : UM/SJ
 Sample : H1698-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1602034101

Quant Time: Mar 09 14:23:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

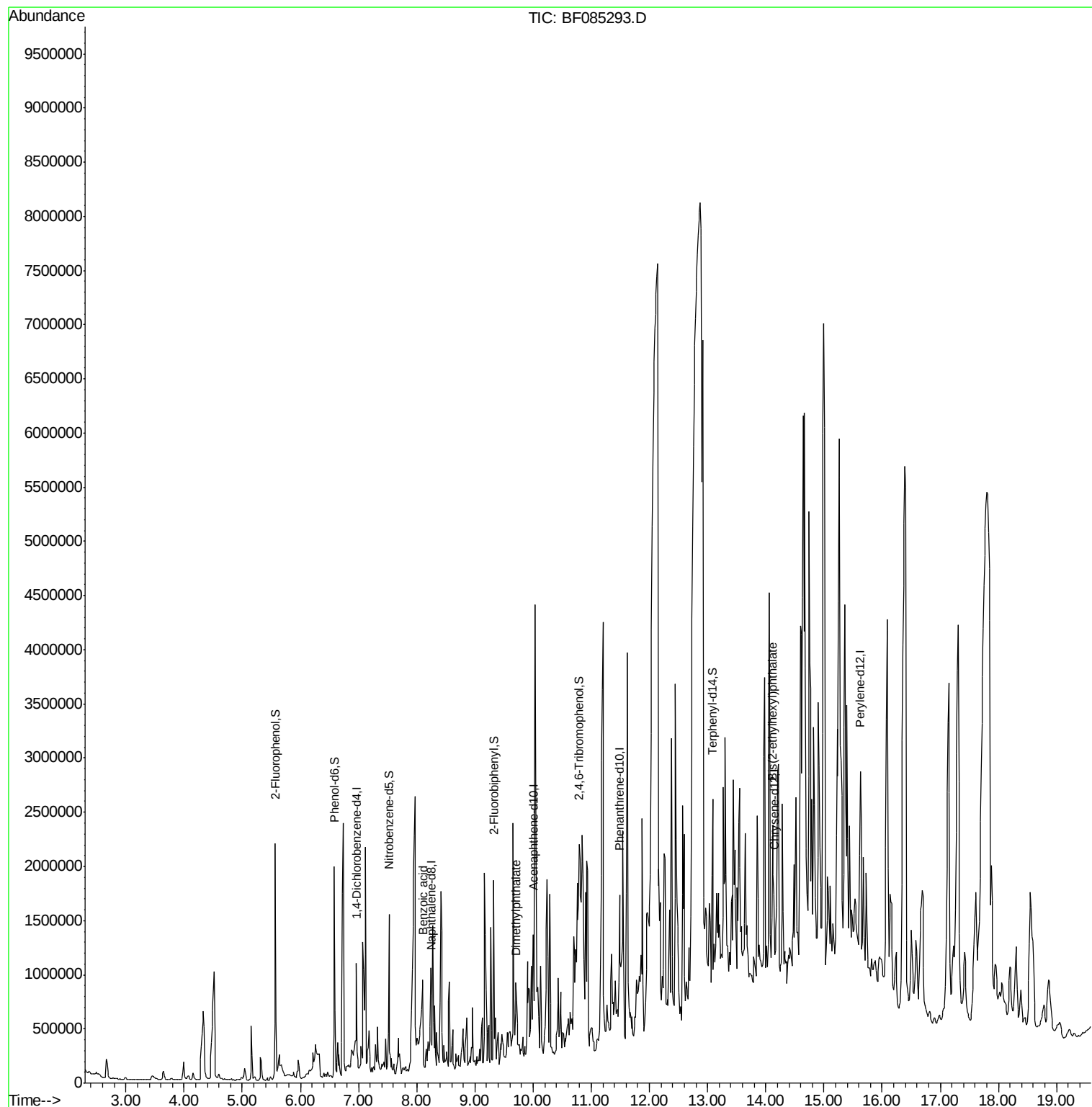
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	130917	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	467855	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	162455	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	299206	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	298938	20.00	ng	-0.01
86) Perylene-d12	15.63	264	200544	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	665438	85.26	ng	-0.01
7) Phenol-d6	6.58	99	778429	76.13	ng	-0.02
23) Nitrobenzene-d5	7.52	82	443506	50.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	114629	82.46	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	694311	65.00	ng	-0.02
78) Terphenyl-d14	13.09	244	657885	51.09	ng	0.00
Target Compounds						
32) Benzoic acid	8.10	122	638923	121.78	ng	Qvalue 97
49) Dimethylphthalate	9.72	163	62953	5.05	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	354690	26.40	ng	# 97

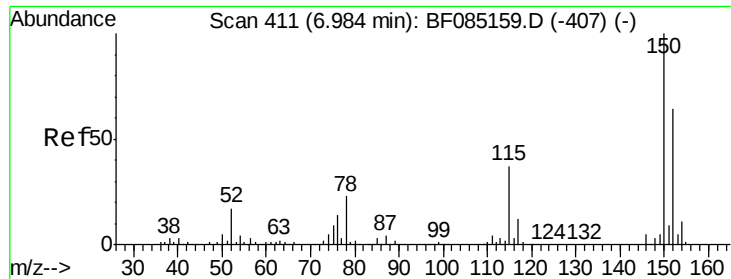
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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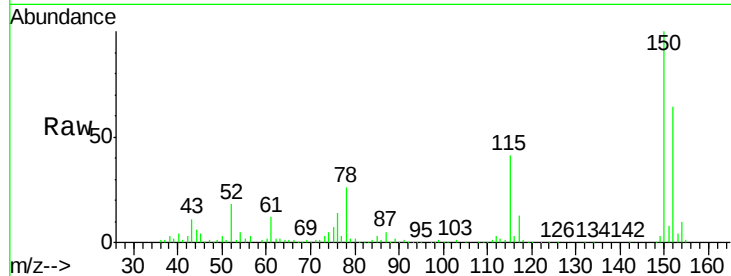




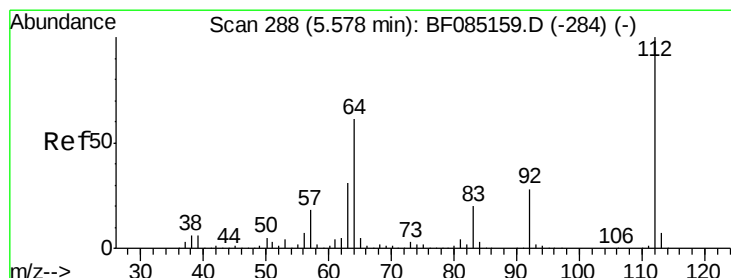
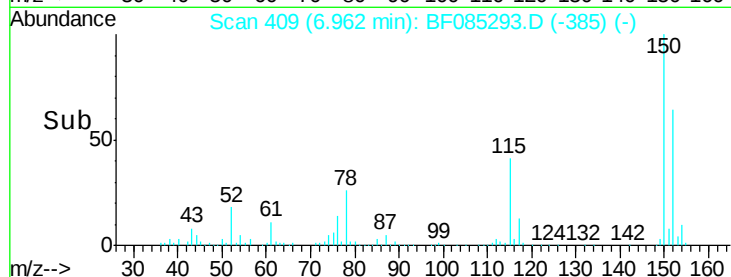
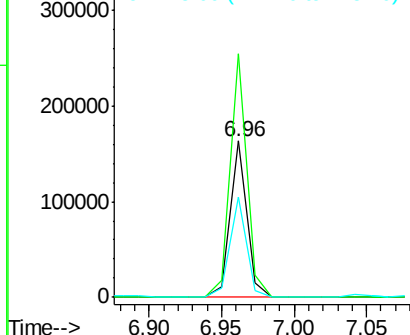
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085293.D
 Acq: 9 Mar 2016 8:49

Instrument :
 BNA_F
 ClientSampleId :
 1602034101

Tgt Ion:152 Resp: 130917
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 63.8 46.6 70.0

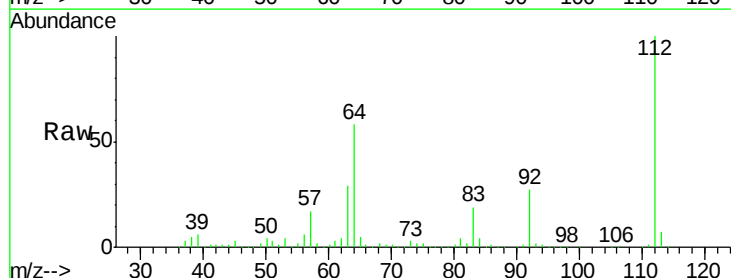


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

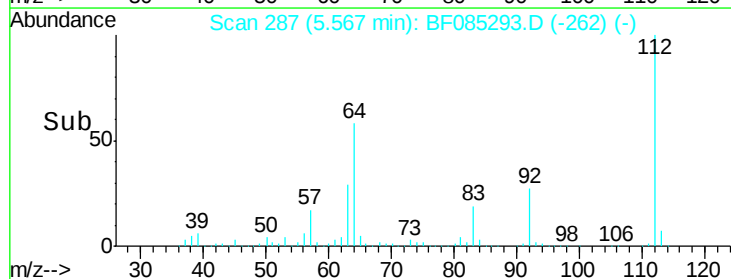
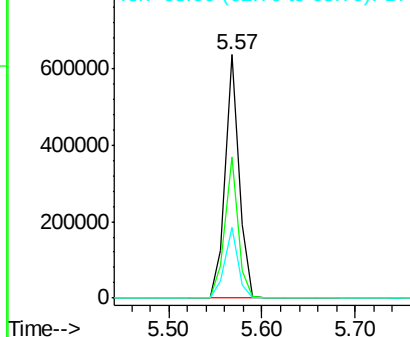


#5
 2-Fluorophenol
 Concen: 85.26 ng
 RT: 5.57 min Scan# 287
 Delta R.T. -0.01 min
 Lab File: BF085293.D
 Acq: 9 Mar 2016 8:49

Tgt Ion:112 Resp: 665438
 Ion Ratio Lower Upper
 112 100
 64 57.8 49.0 73.4
 63 29.0 24.8 37.2



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: 76.13 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085293.D

Acq: 9 Mar 2016 8:49

Instrument :

BNA_F

ClientSampleId :

1602034101

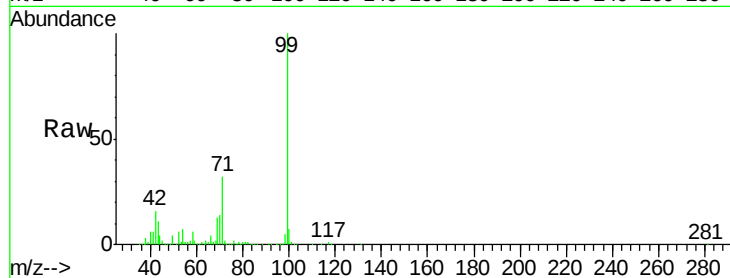
Tgt Ion: 99 Resp: 778429

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

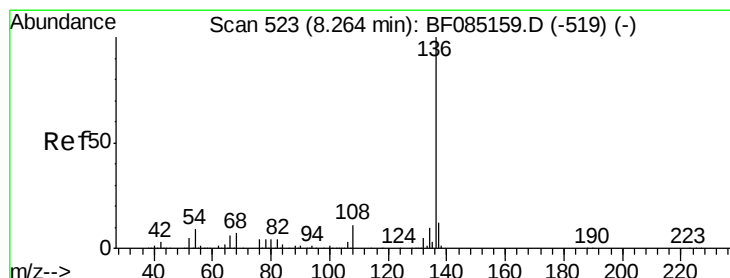
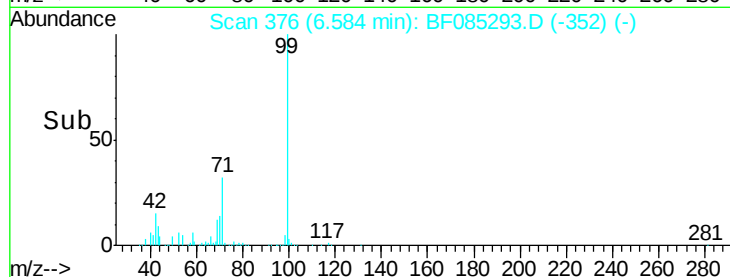
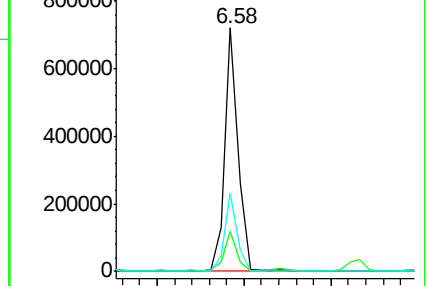
71 32.5 26.7 40.1



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: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085293.D

Acq: 9 Mar 2016 8:49

Tgt Ion: 136 Resp: 467855

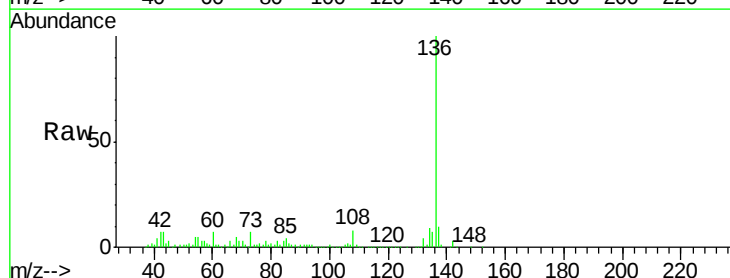
Ion Ratio Lower Upper

136 100

137 10.5 9.3 13.9

54 4.8 7.4 11.2#

68 5.2 6.0 9.0#

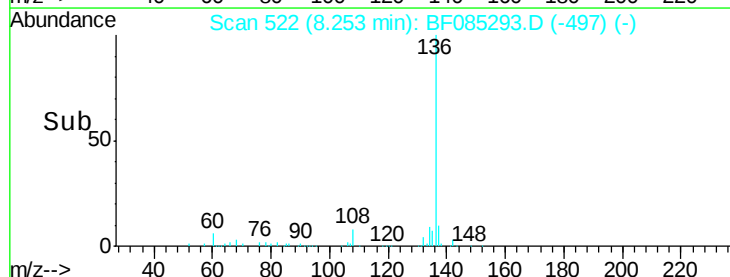
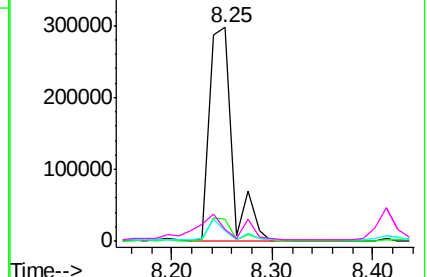


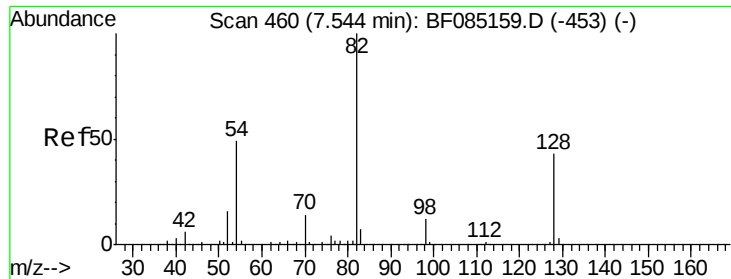
Abundance Ion 136.00 (135.70 to 136.70): E

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

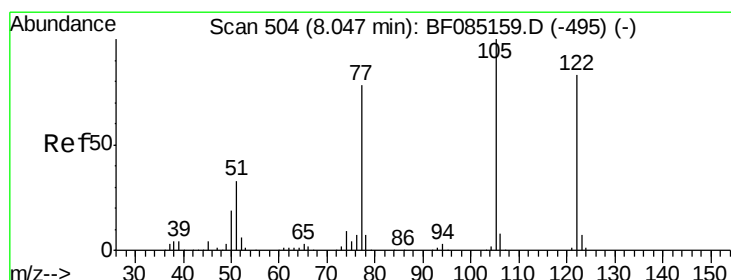
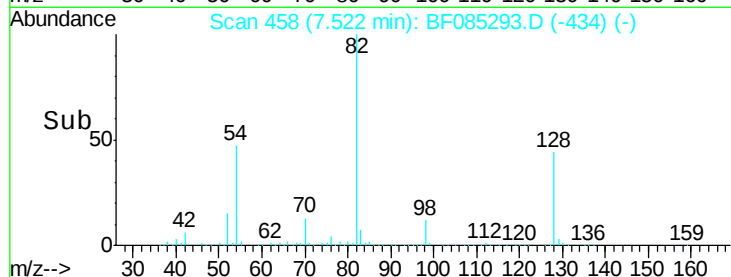
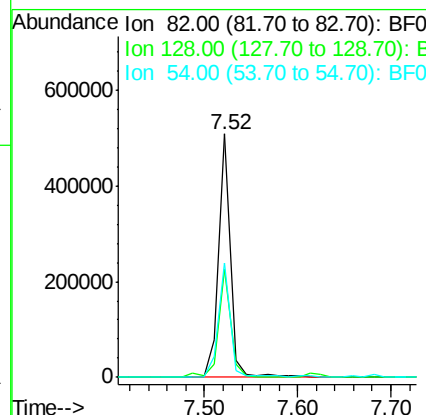
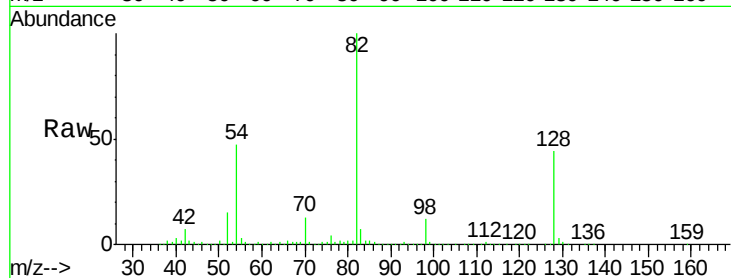




#23
 Nitrobenzene-d5
 Concen: 50.73 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085293.D
 Acq: 9 Mar 2016 8:49

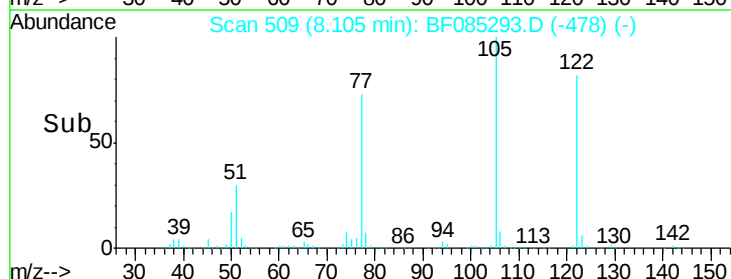
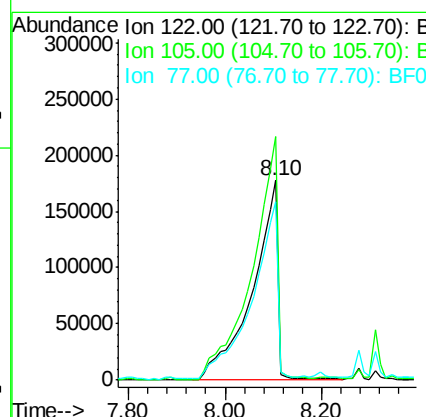
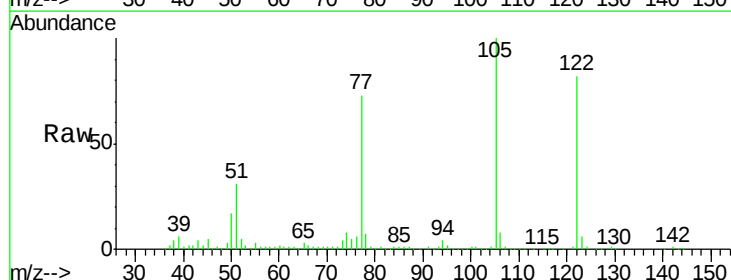
Instrument :
 BNA_F
 ClientSampleId :
 1602034101

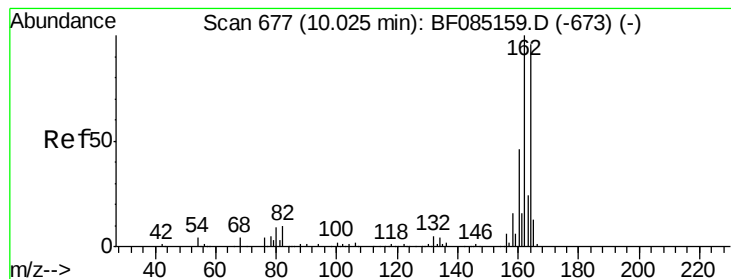
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.5	51.7
54	46.8	39.3	58.9



#32
 Benzoic acid
 Concen: 121.78 ng
 RT: 8.10 min Scan# 509
 Delta R.T. 0.06 min
 Lab File: BF085293.D
 Acq: 9 Mar 2016 8:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	101.3	141.3
77	89.3	74.7	114.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085293.D

Acq: 9 Mar 2016 8:49

Instrument :

BNA_F

ClientSampleId :

1602034101

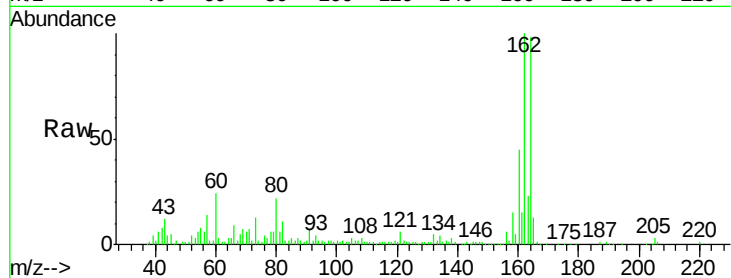
Tgt Ion:164 Resp: 162455

Ion Ratio Lower Upper

164 100

162 101.7 83.3 124.9

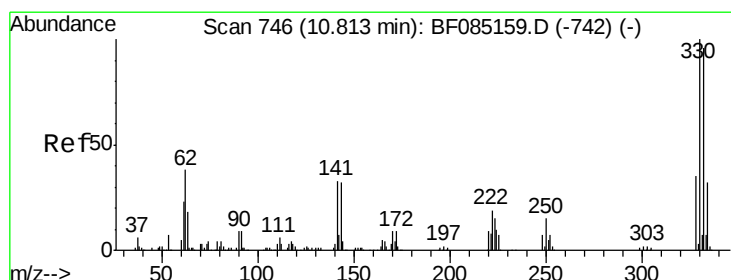
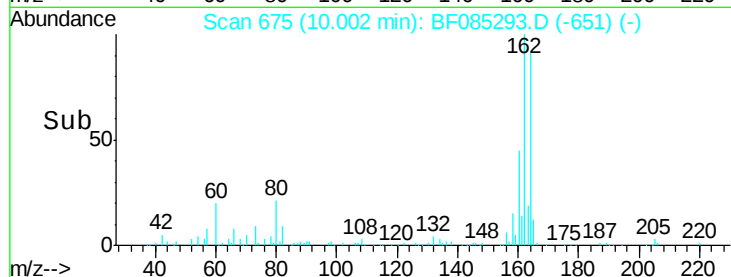
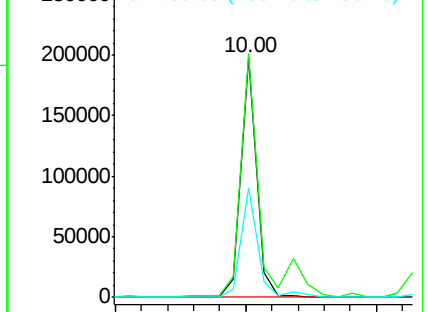
160 45.7 37.9 56.9



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: 82.46 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF085293.D

Acq: 9 Mar 2016 8:49

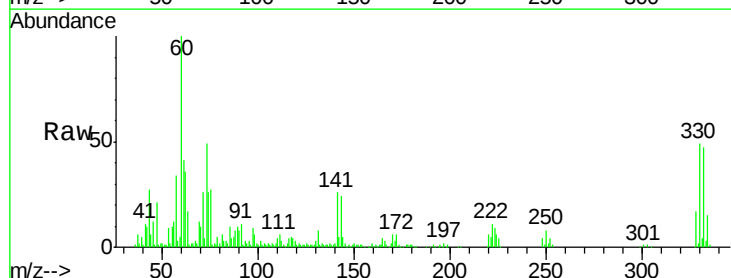
Tgt Ion:330 Resp: 114629

Ion Ratio Lower Upper

330 100

332 98.5 77.1 115.7

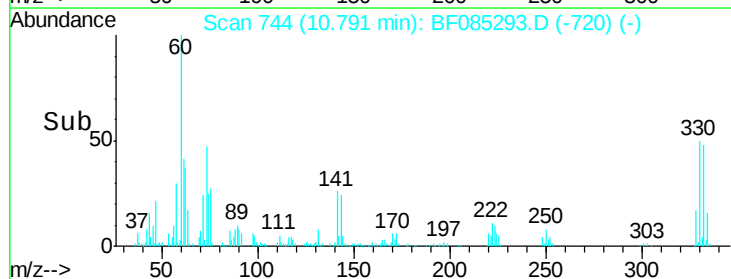
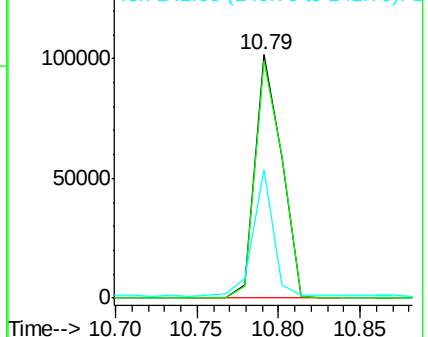
141 40.1 35.0 52.6

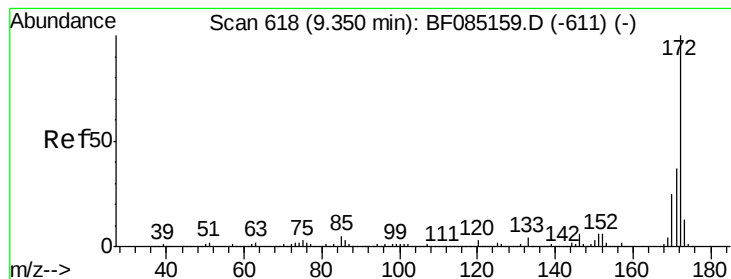


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 65.00 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF085293.D

Acq: 9 Mar 2016 8:49

Instrument :

BNA_F

ClientSampleId :

1602034101

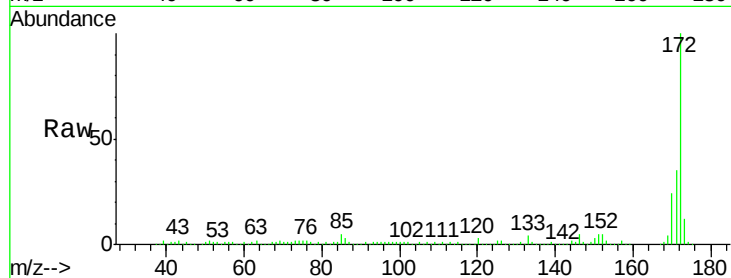
Tgt Ion:172 Resp: 694311

Ion Ratio Lower Upper

172 100

171 35.1 29.3 43.9

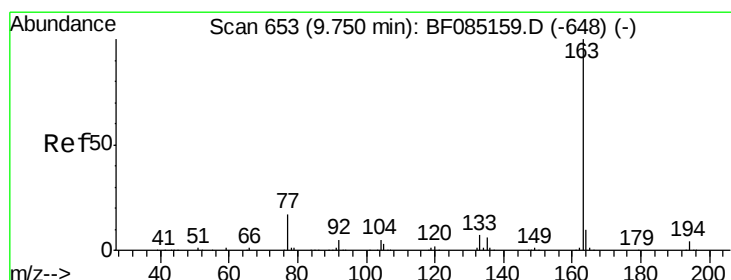
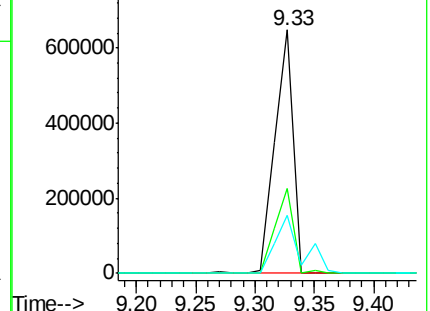
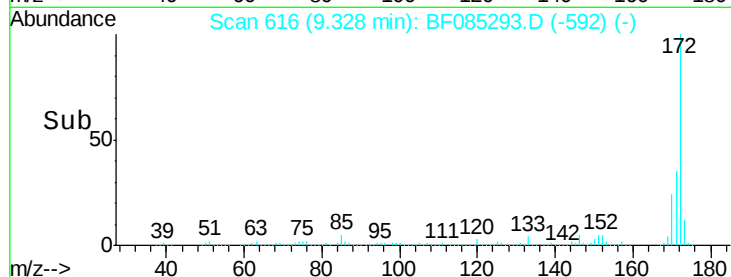
170 23.6 20.0 30.0



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



#49

Dimethylphthalate

Concen: 5.05 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085293.D

Acq: 9 Mar 2016 8:49

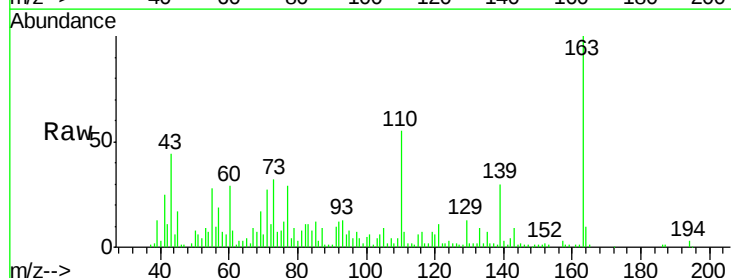
Tgt Ion:163 Resp: 62953

Ion Ratio Lower Upper

163 100

194 3.2 3.1 4.7

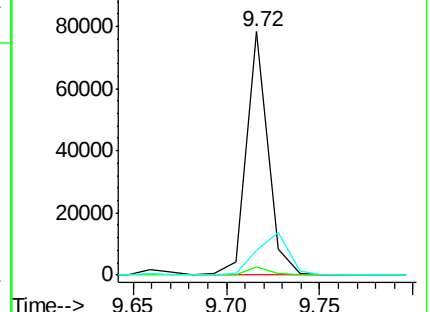
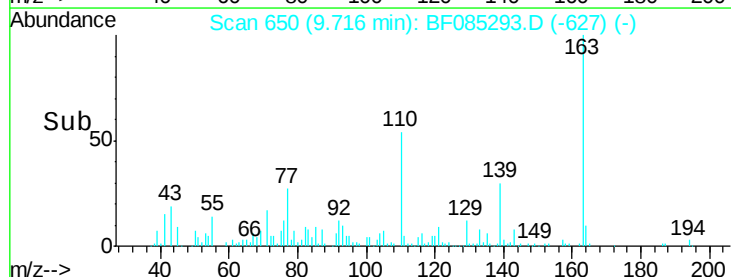
164 10.3 8.2 12.4

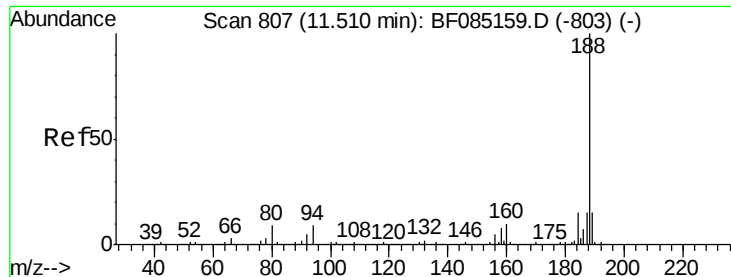


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

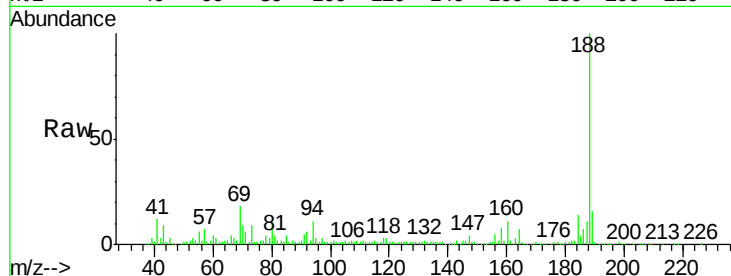




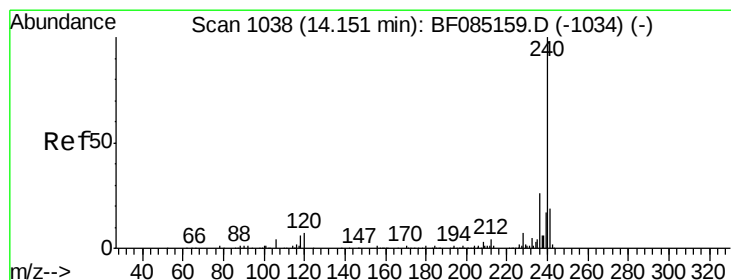
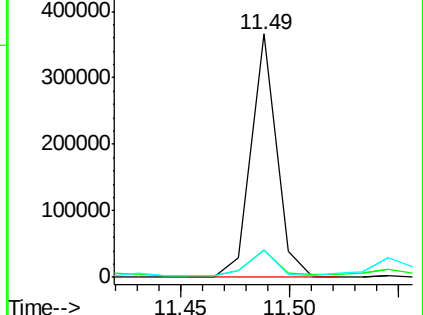
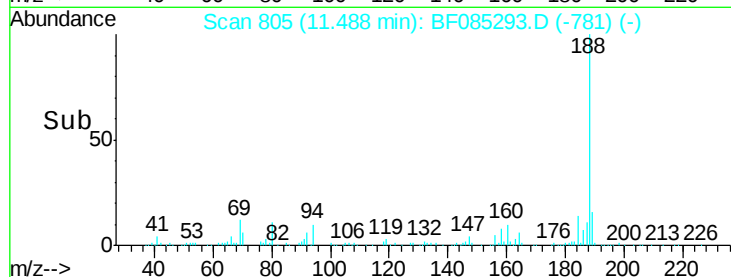
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085293.D
Acq: 9 Mar 2016 8:49

Instrument :
BNA_F
ClientSampleId :
1602034101

Tgt Ion:188 Resp: 299206
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.6#
80 11.2 7.4 11.0#

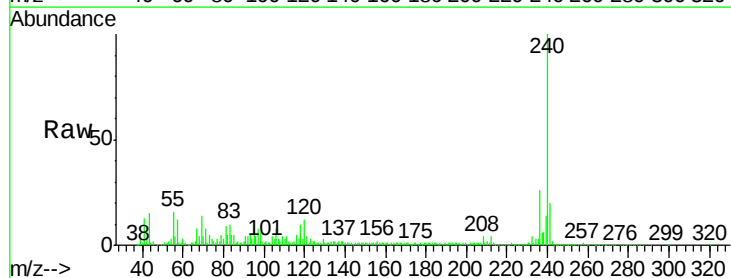


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

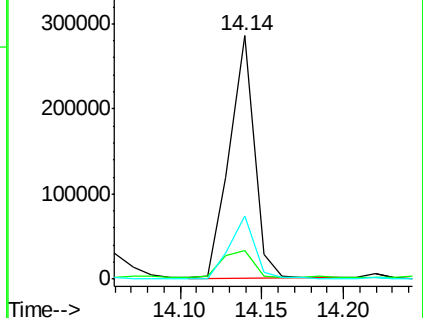
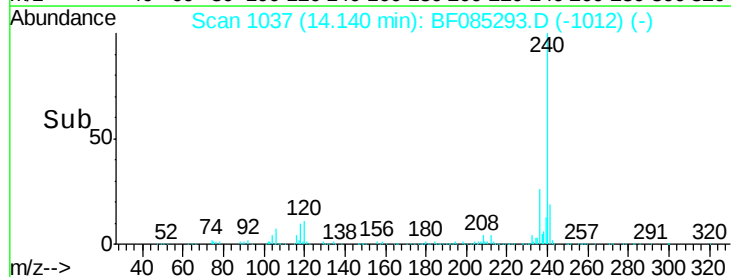


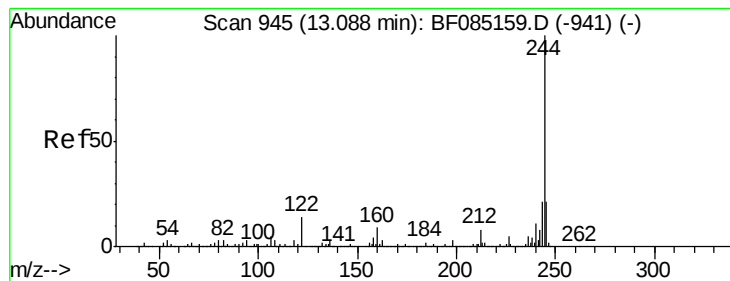
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085293.D
Acq: 9 Mar 2016 8:49

Tgt Ion:240 Resp: 298938
Ion Ratio Lower Upper
240 100
120 11.5 5.3 7.9#
236 25.7 20.7 31.1



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: 51.09 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085293.D

Acq: 9 Mar 2016 8:49

Instrument :

BNA_F

ClientSampleId :

1602034101

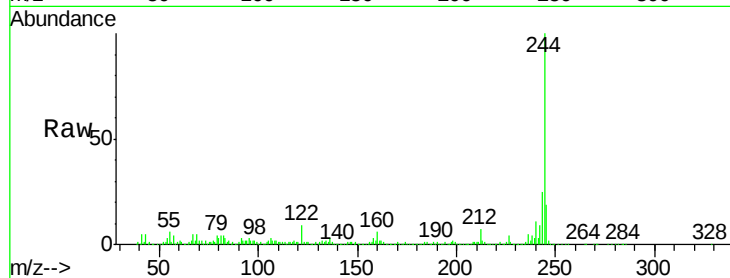
Tgt Ion:244 Resp: 657885

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

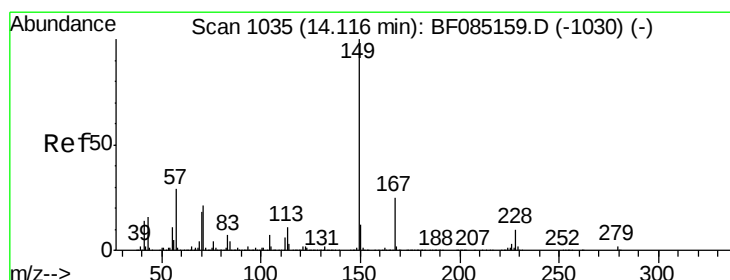
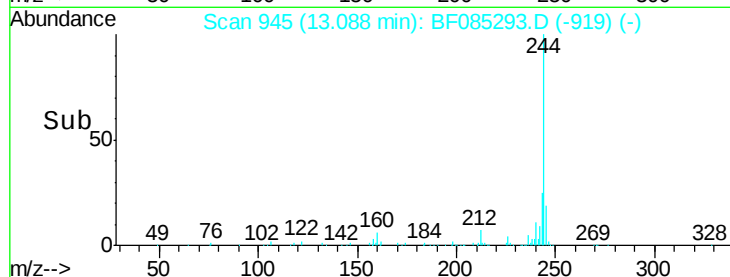
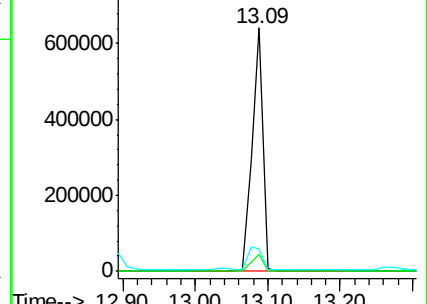
122 9.0 11.4 17.2#



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: 26.40 ng

RT: 14.12 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF085293.D

Acq: 9 Mar 2016 8:49

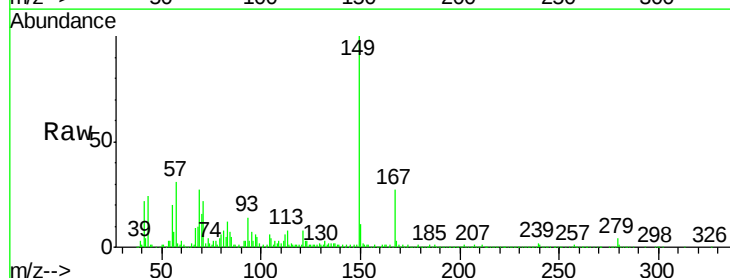
Tgt Ion:149 Resp: 354690

Ion Ratio Lower Upper

149 100

167 26.9 20.3 30.5

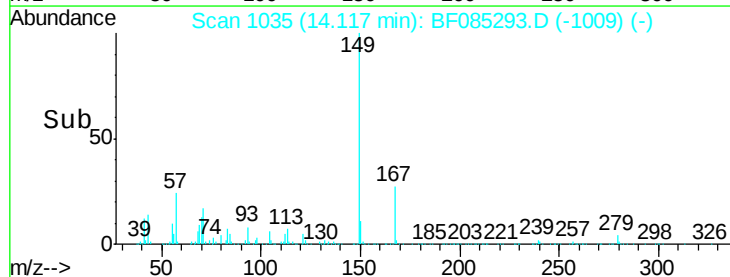
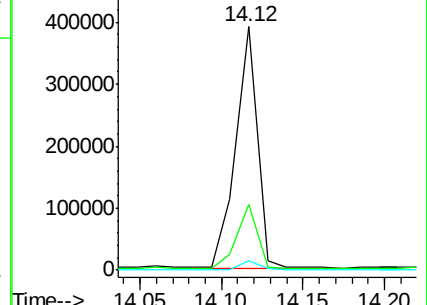
279 3.7 1.9 2.9#

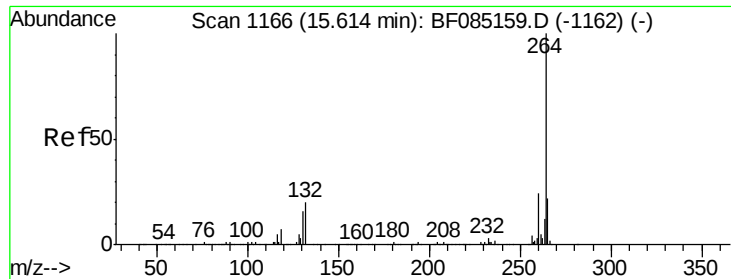


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

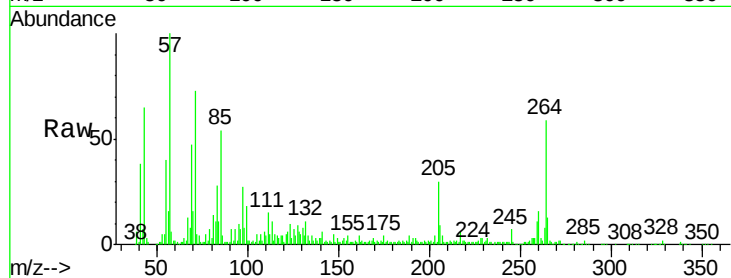




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF085293.D
Acq: 9 Mar 2016 8:49

Instrument :
BNA_F
ClientSampleId :
1602034101

Tgt Ion: 264 Resp: 200544
Ion Ratio Lower Upper
264 100
260 27.0 19.2 28.8
265 21.5 17.3 25.9



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

