

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093814.D
 Acq On : 21 Mar 2017 22:35
 Operator : SJ/MA
 Sample : I2304-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B5(0-5)

Quant Time: Mar 22 03:21:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

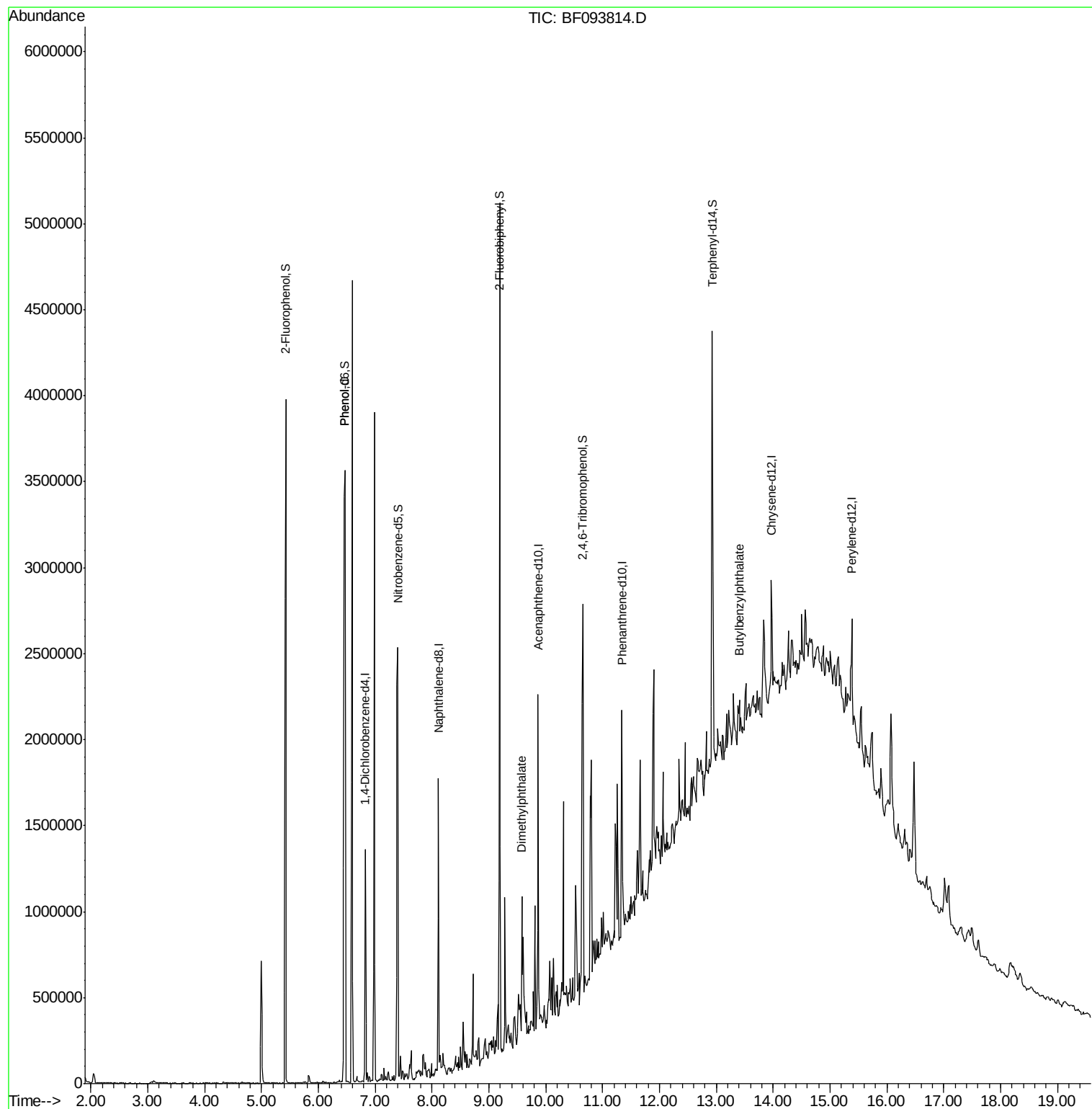
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	201094	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	806875	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	351993	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	493087	20.00	ng	0.00
75) Chrysene-d12	13.97	240	323453	20.00	ng	0.00
86) Perylene-d12	15.38	264	309070	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1501928	130.61	ng	0.01
7) Phenol-d6	6.47	99	2087064	146.88	ng	0.01
23) Nitrobenzene-d5	7.40	82	1257454	88.41	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	359870	132.00	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1711254	81.75	ng	0.00
78) Terphenyl-d14	12.93	244	998197	62.92	ng	0.00
Target Compounds						
10) Phenol	6.47	94	89971	5.63	ng	# 20
49) Dimethylphthalate	9.58	163	267242	10.67	ng	# 99
79) Butylbenzylphthalate	13.41	149	31749	2.64	ng	# 77

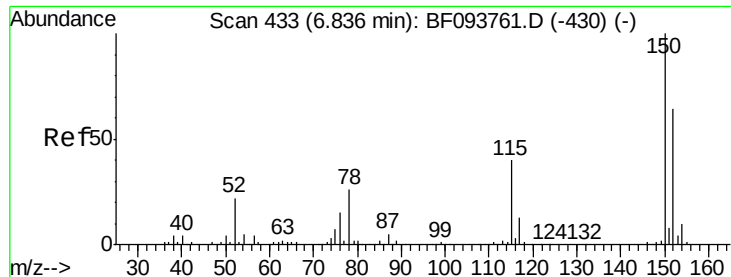
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

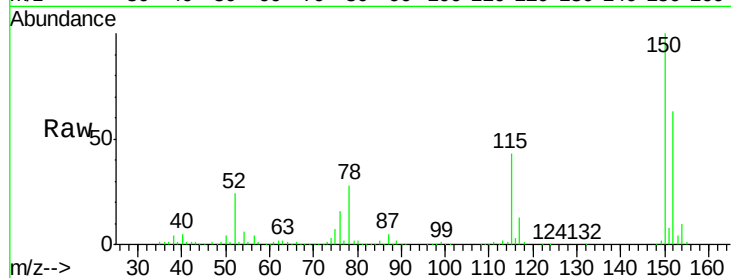
Tgt Ion:152 Resp: 201094

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

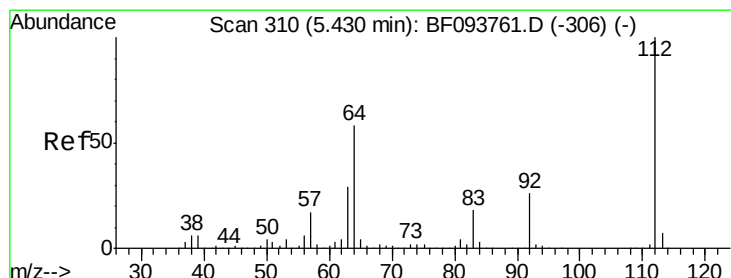
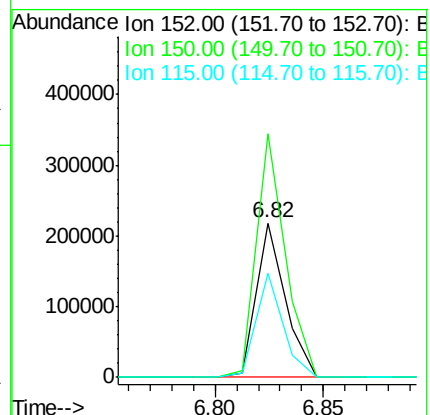
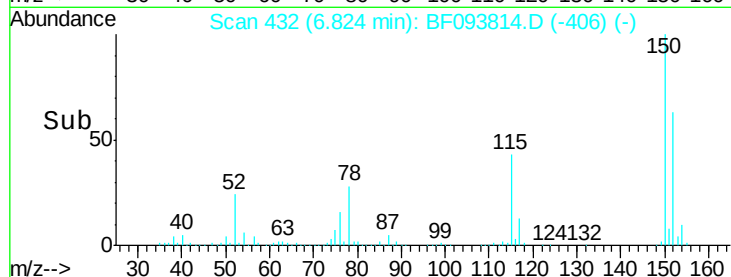
115 67.2 52.2 78.2



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: 130.61 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

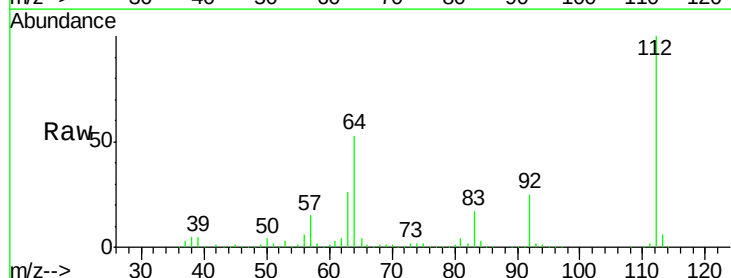
Tgt Ion:112 Resp: 1501928

Ion Ratio Lower Upper

112 100

64 53.0 46.0 69.0

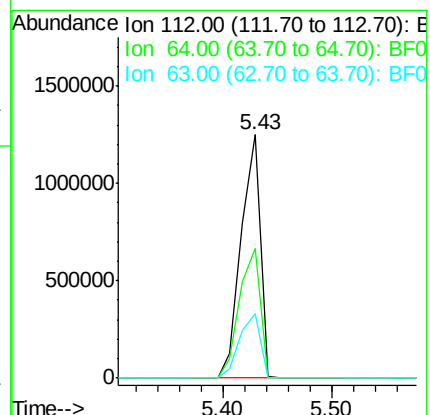
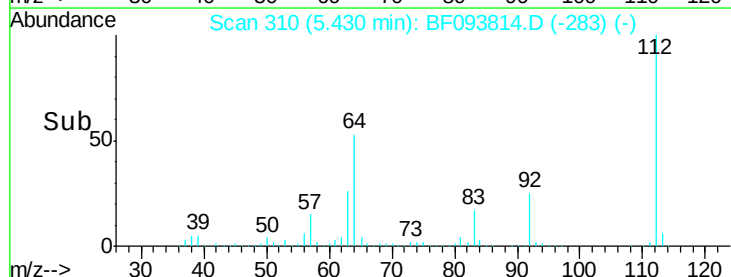
63 26.3 23.4 35.0

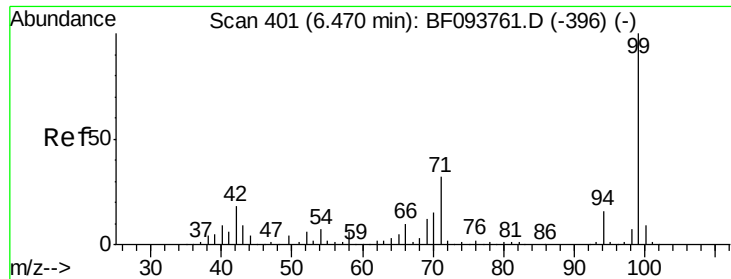


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.88 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

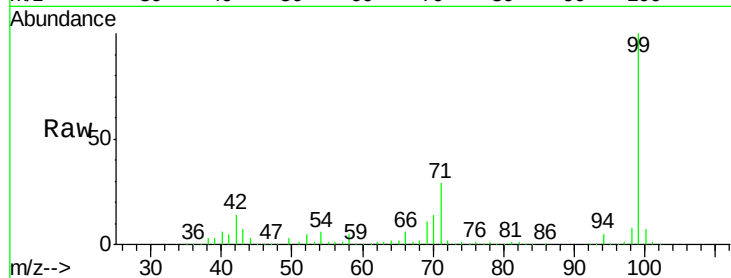
Tgt Ion: 99 Resp: 2087064

Ion Ratio Lower Upper

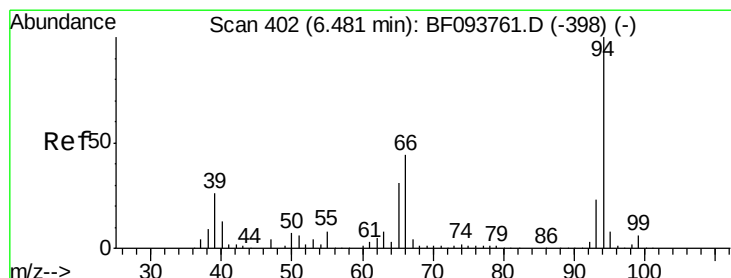
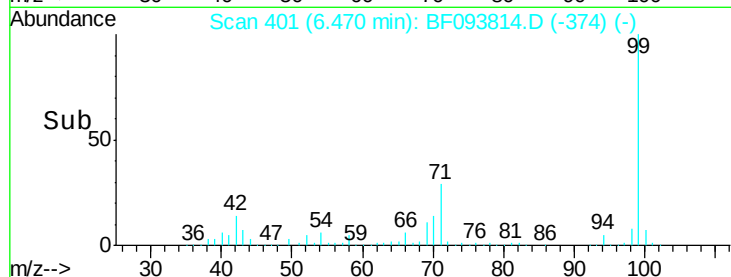
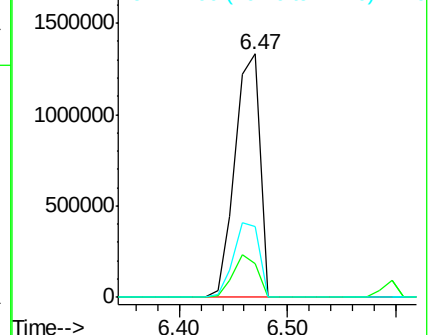
99 100

42 14.0 13.5 20.3

71 29.3 24.5 36.7



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



#10

Phenol

Concen: 5.63 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

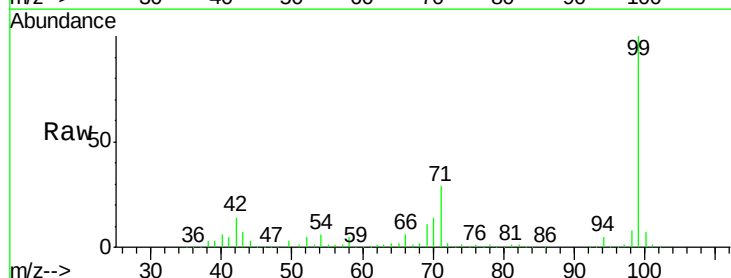
Tgt Ion: 94 Resp: 89971

Ion Ratio Lower Upper

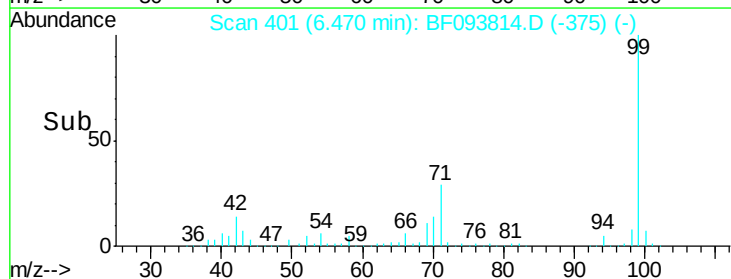
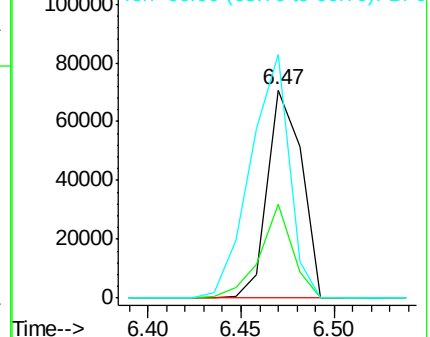
94 100

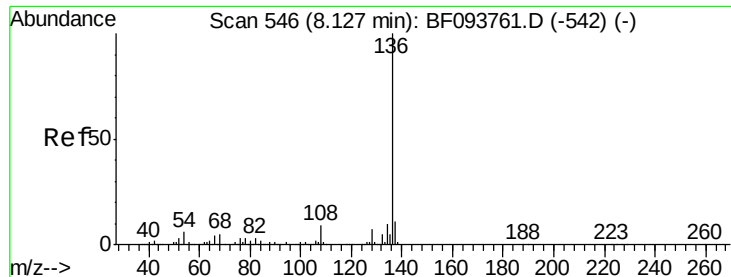
65 45.3 9.9 49.9

66 117.0 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

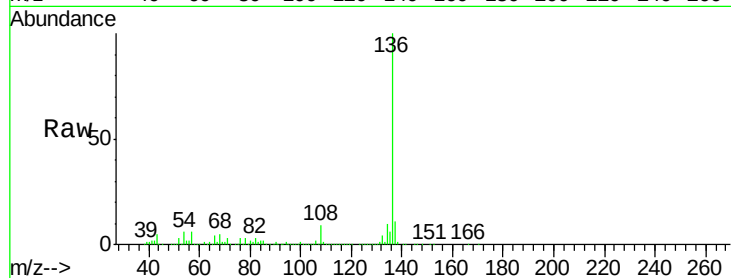




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tgt Ion:	136	Resp:	806875
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	5.9	4.9	7.3
68	5.0	4.1	6.1



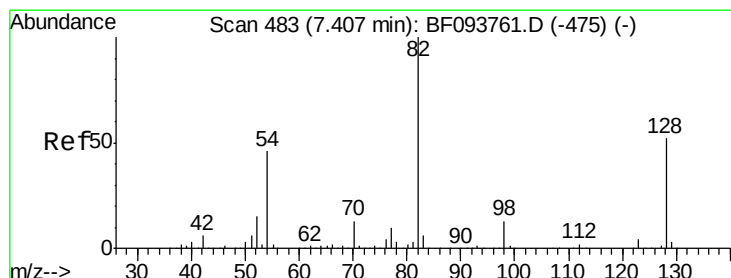
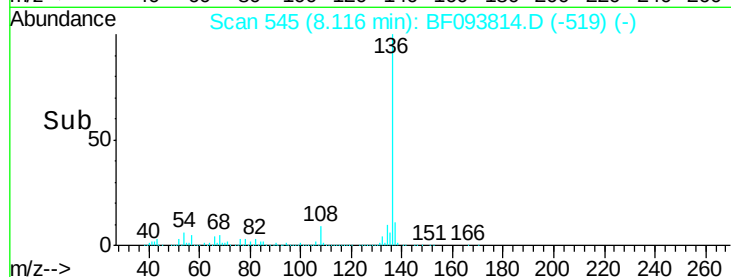
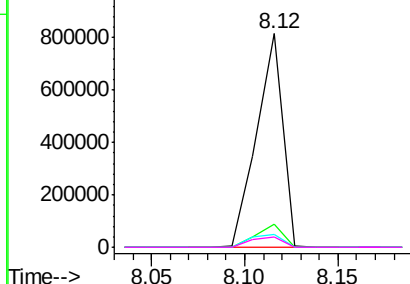
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

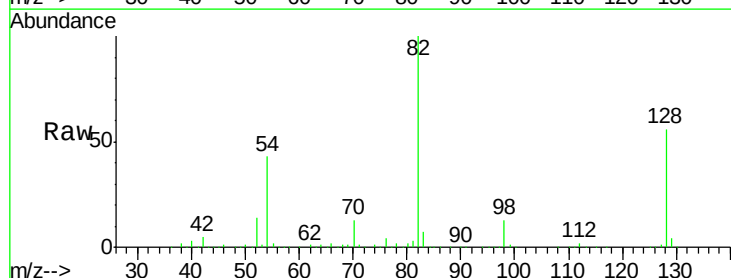
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 88.41 ng
RT: 7.40 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Tgt Ion:	82	Resp:	1257454
Ion	Ratio	Lower	Upper
82	100		
128	55.8	34.0	51.0#
54	43.1	42.2	63.2

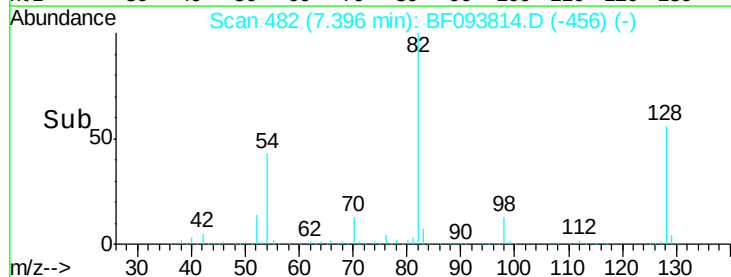
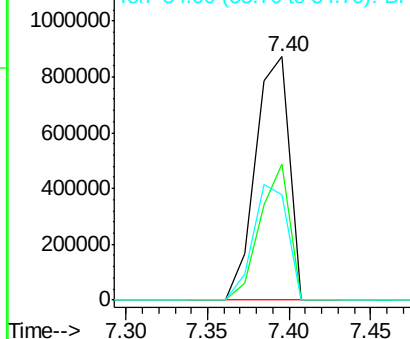


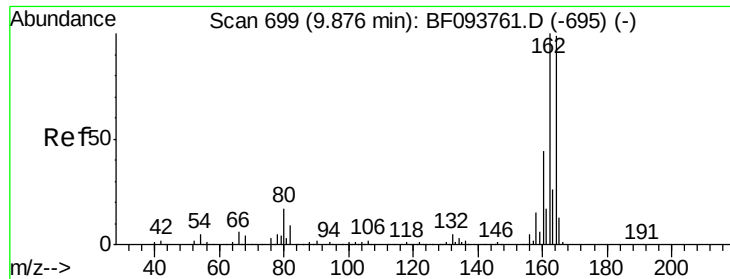
Abundance

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

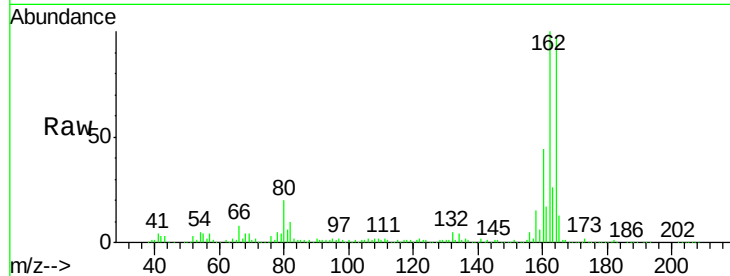




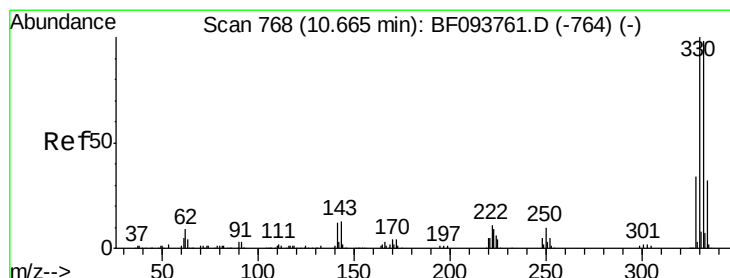
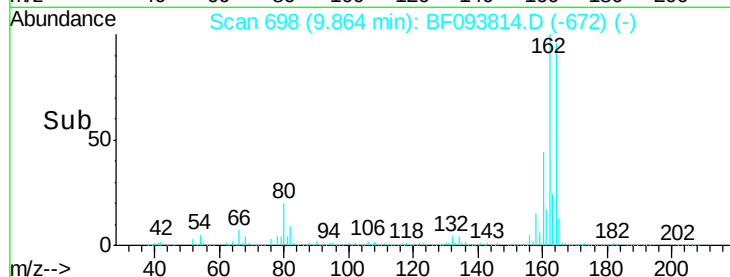
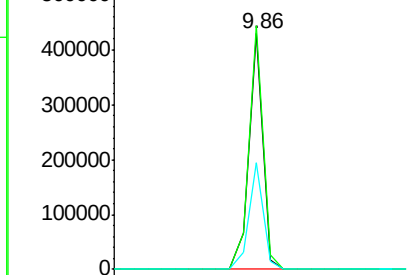
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tgt Ion:164 Resp: 351993
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 45.3 36.2 54.2

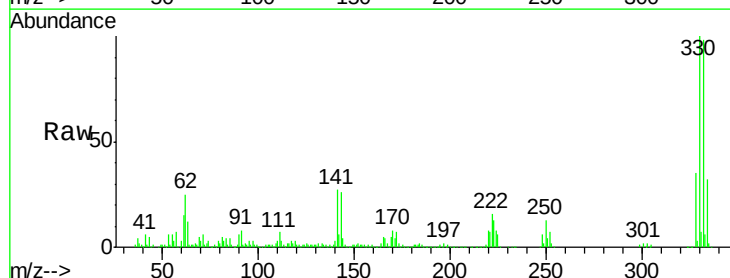


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

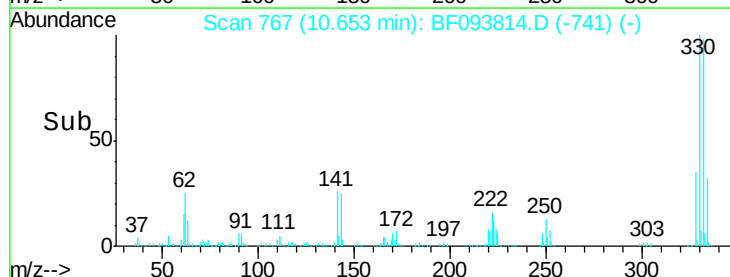
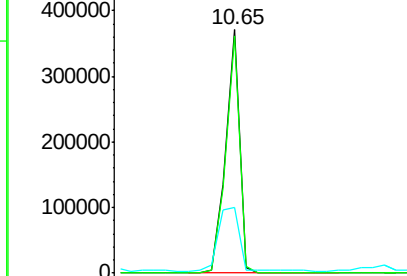


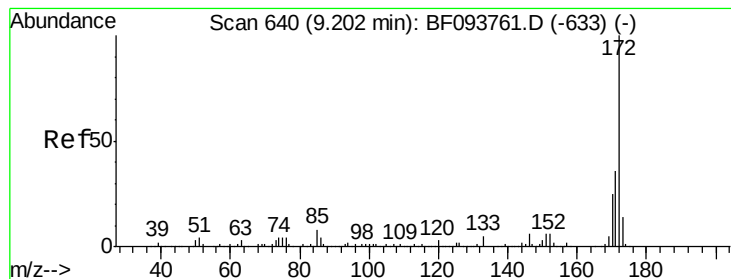
#41
2,4,6-Tribromophenol
Concen: 132.00 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Tgt Ion:330 Resp: 359870
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 39.8 31.4 47.2



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: 81.75 ng

RT: 9.19 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

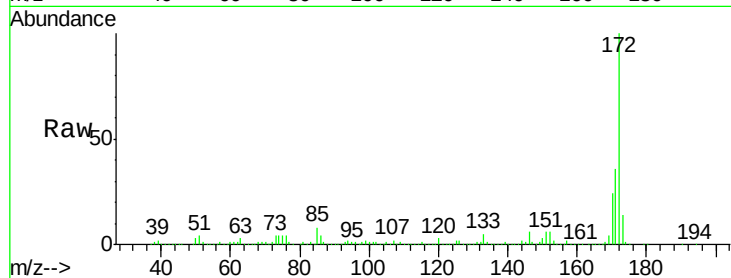
Tgt Ion:172 Resp: 1711254

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

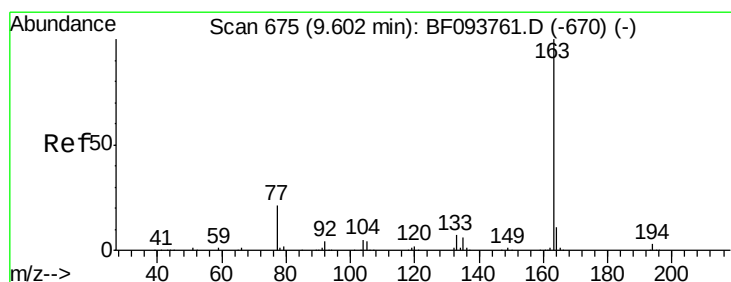
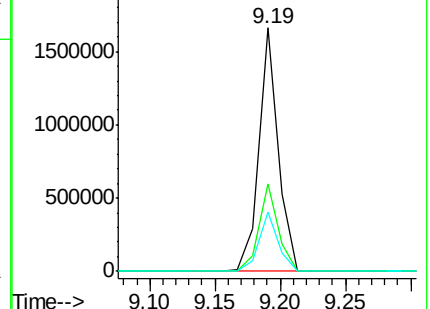
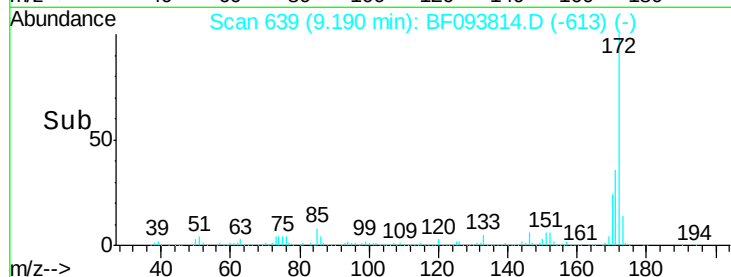
170 24.2 19.8 29.8



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



#49

Dimethylphthalate

Concen: 10.67 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

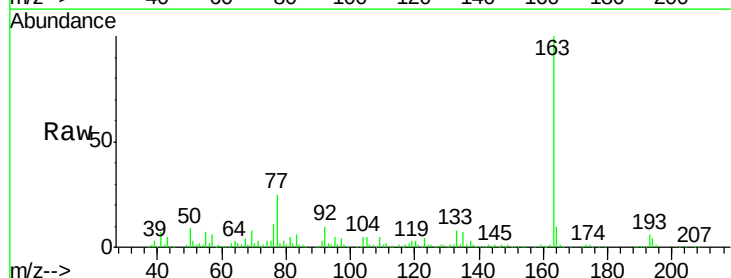
Tgt Ion:163 Resp: 267242

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

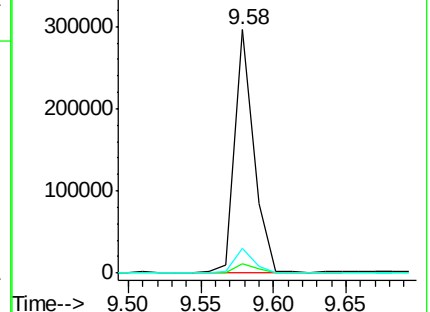
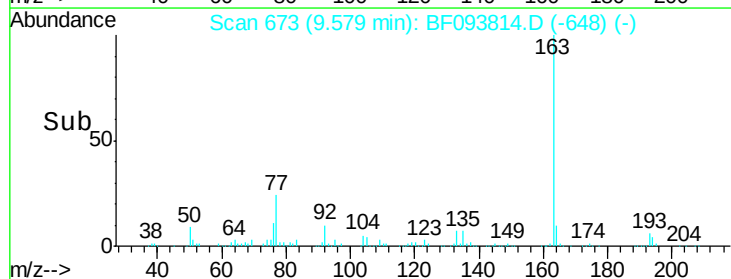
164 10.4 8.4 12.6

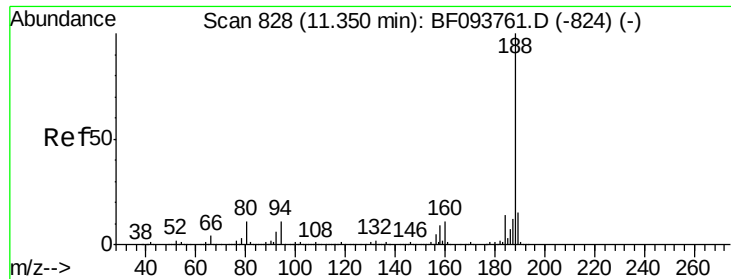


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

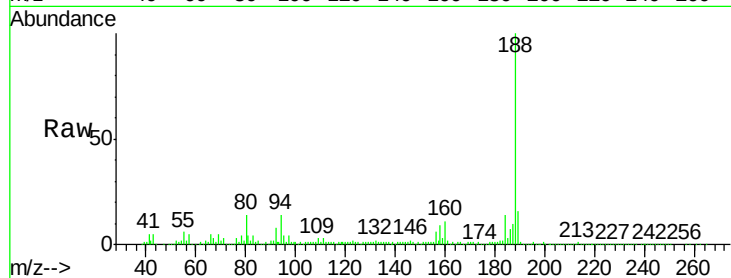




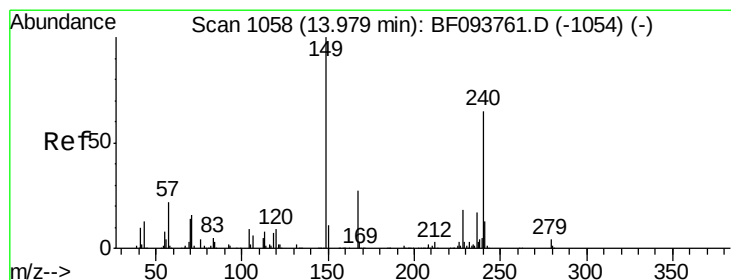
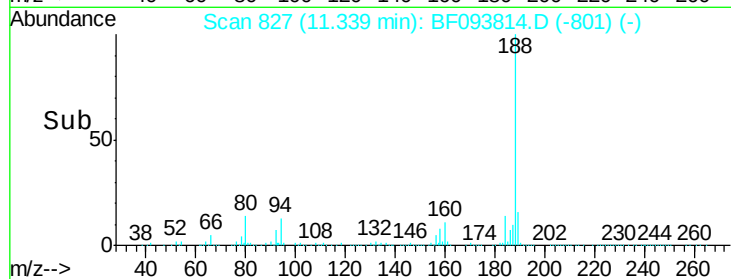
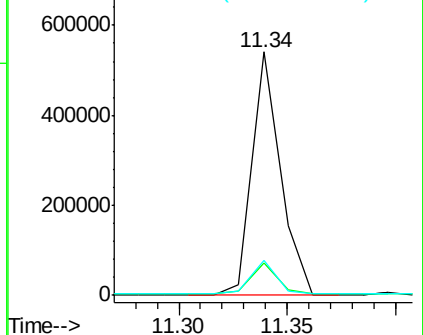
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tgt Ion:188 Resp: 493087
Ion Ratio Lower Upper
188 100
94 13.6 9.4 14.2
80 14.4 10.2 15.2

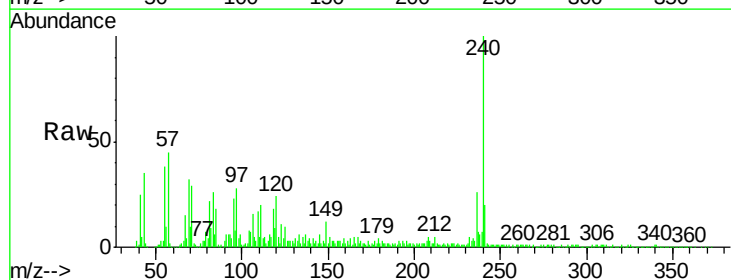


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

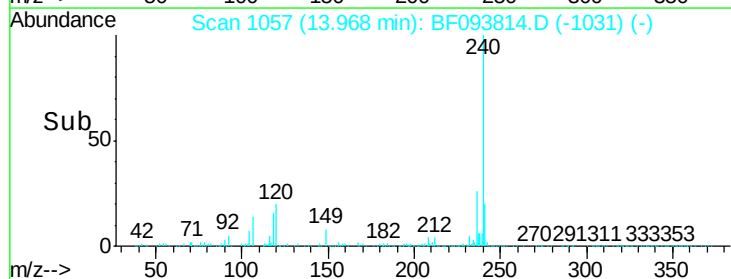
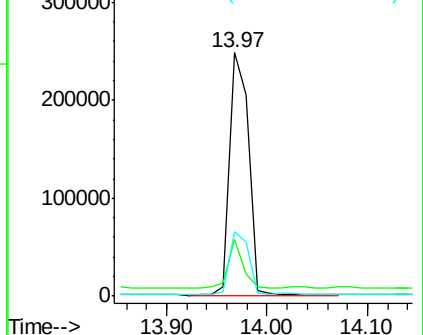


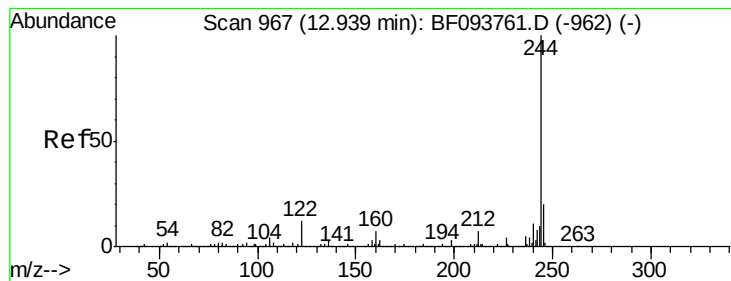
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Tgt Ion:240 Resp: 323453
Ion Ratio Lower Upper
240 100
120 23.6 5.8 8.8#
236 26.4 20.5 30.7



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: 62.92 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

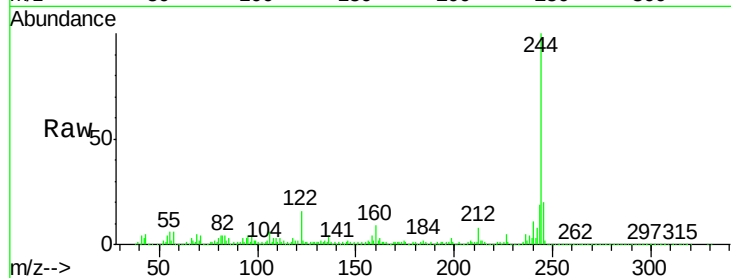
Tgt Ion:244 Resp: 998197

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

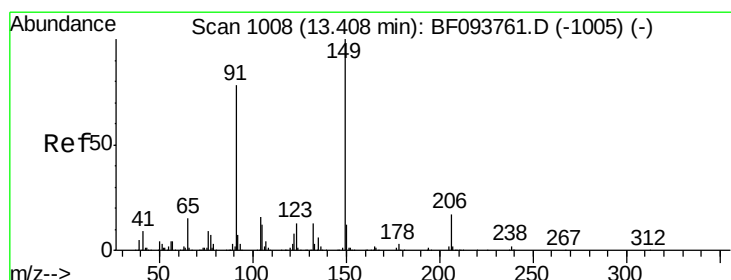
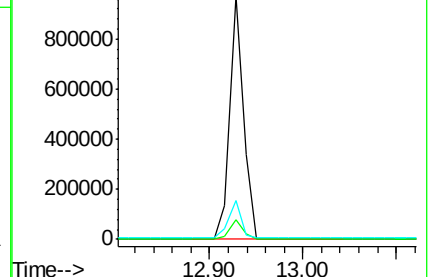
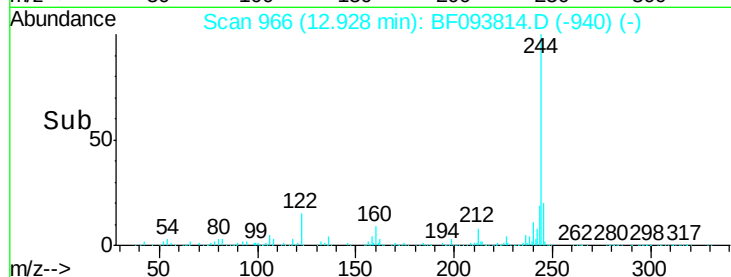
122 15.9 10.3 15.5#



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: 2.64 ng

RT: 13.41 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

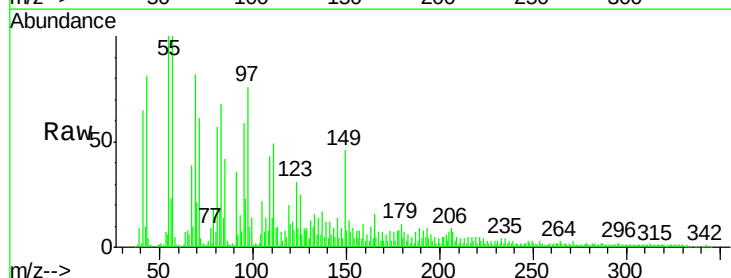
Tgt Ion:149 Resp: 31749

Ion Ratio Lower Upper

149 100

91 78.4 45.0 67.4#

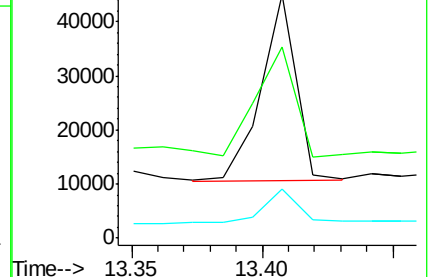
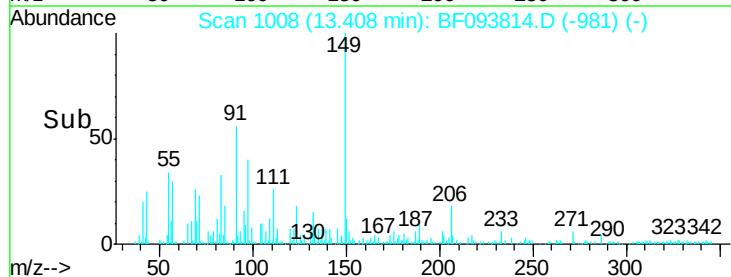
206 20.3 17.0 25.6

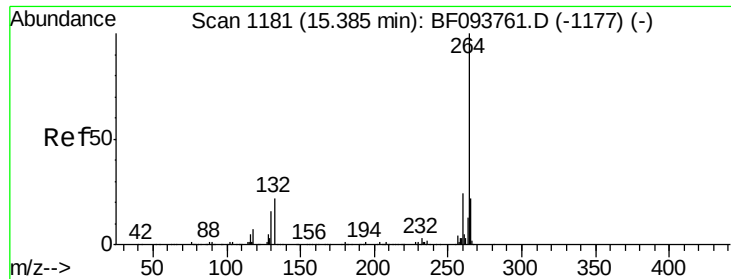


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

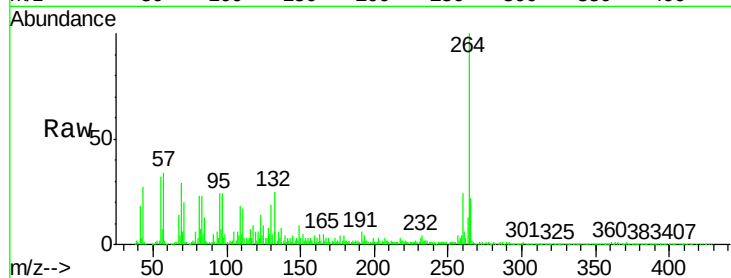




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.3	17.2	25.8



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

