

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085199.D
 Acq On : 4 Mar 2016 11:44
 Operator : SJ/IZ
 Sample : H1642-01RE
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M5049(6-8)RE

Quant Time: Mar 04 14:08:12 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

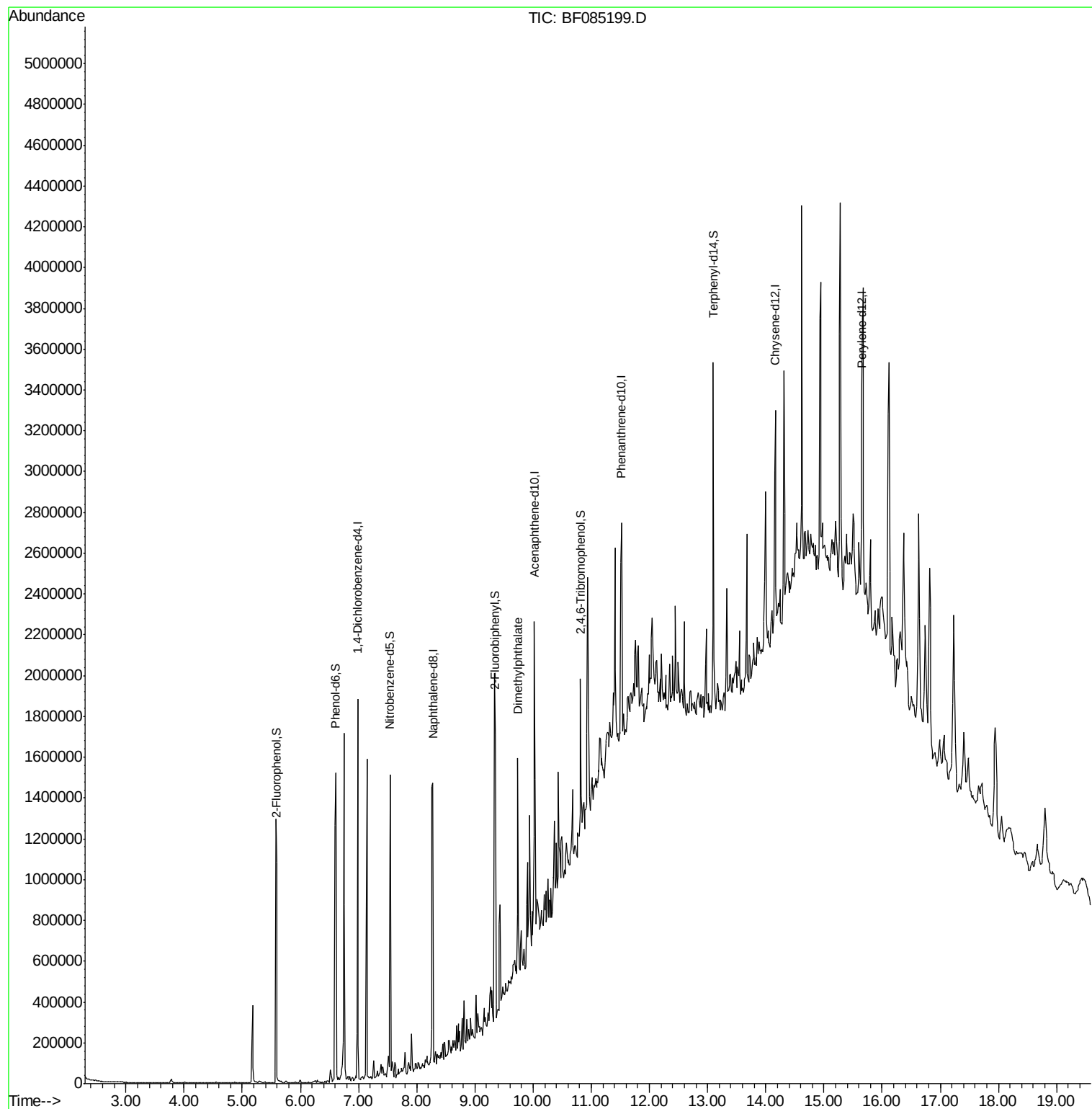
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	251915	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	916568	20.00	ng	0.01
38) Acenaphthene-d10	10.02	164	334892	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	547933	20.00	ng	0.01
75) Chrysene-d12	14.16	240	527089	20.00	ng	0.01
86) Perylene-d12	15.65	264	433423	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	536494	35.72	ng	0.01
7) Phenol-d6	6.61	99	767835	39.02	ng	0.00
23) Nitrobenzene-d5	7.54	82	466141	27.21	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	95477	33.32	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	725354	32.94	ng	0.00
78) Terphenyl-d14	13.10	244	546052	24.05	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	112762	4.39	ng	Qvalue # 86

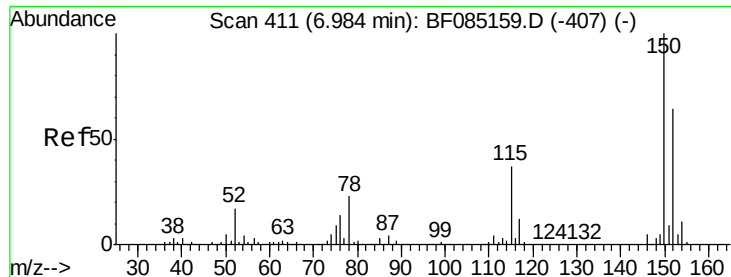
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF085199.D

Acq: 4 Mar 2016 11:44

Instrument :

BNA_F

ClientSampleId :

M5049(6-8)RE

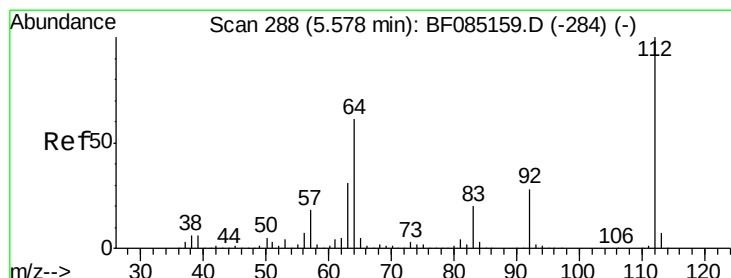
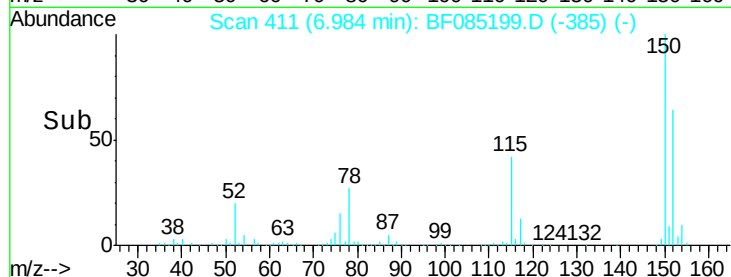
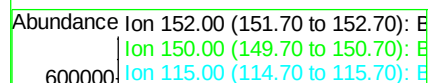
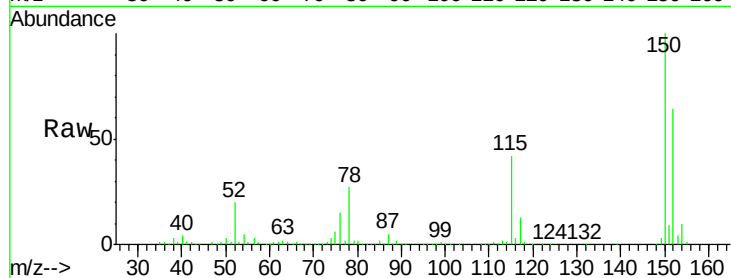
Tgt Ion:152 Resp: 251915

Ion Ratio Lower Upper

152 100

150 156.4 124.6 186.8

115 65.4 46.6 70.0



#5

2-Fluorophenol

Concen: 35.72 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085199.D

Acq: 4 Mar 2016 11:44

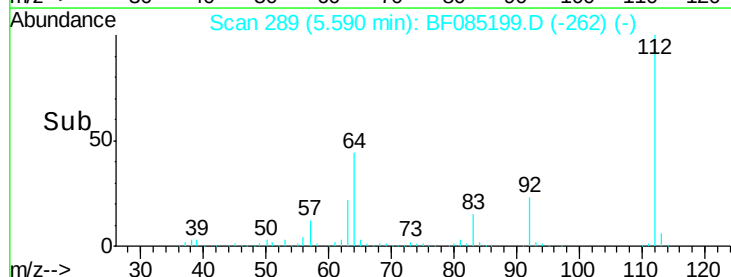
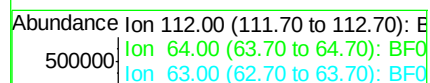
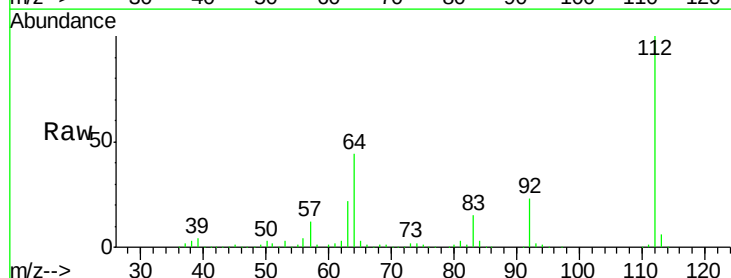
Tgt Ion:112 Resp: 536494

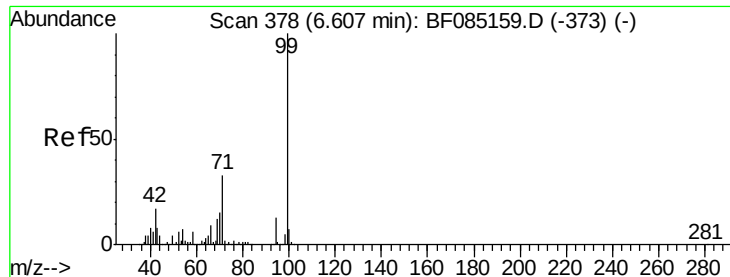
Ion Ratio Lower Upper

112 100

64 43.7 49.0 73.4#

63 21.5 24.8 37.2#





#7

Phenol-d6

Concen: 39.02 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF085159.D

Acq: 4 Mar 2016 11:44

Instrument :

BNA_F

ClientSampleId :

M5049(6-8)RE

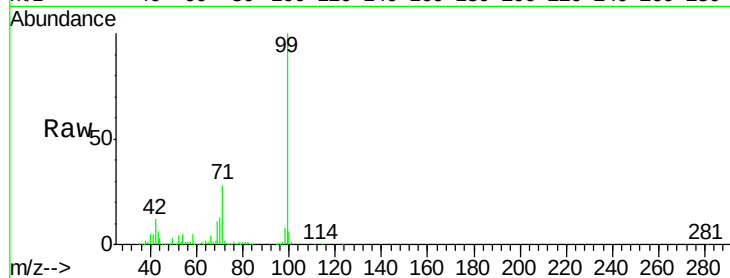
Tgt Ion: 99 Resp: 767835

Ion Ratio Lower Upper

99 100

42 11.9 13.6 20.4#

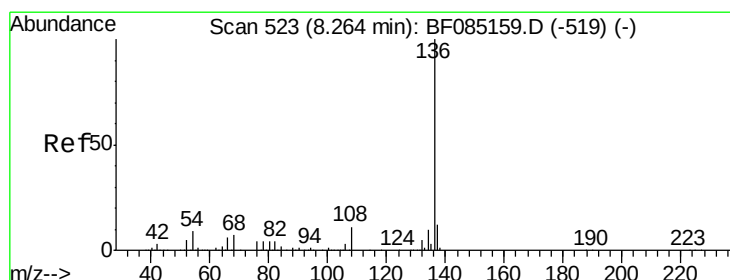
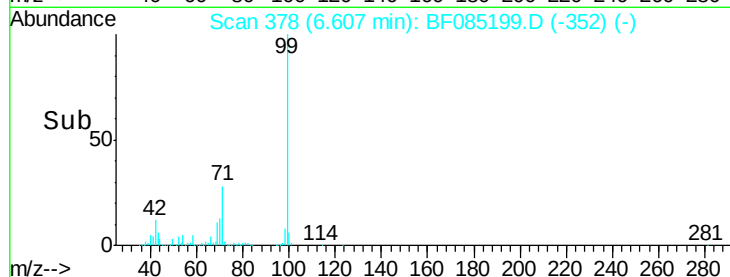
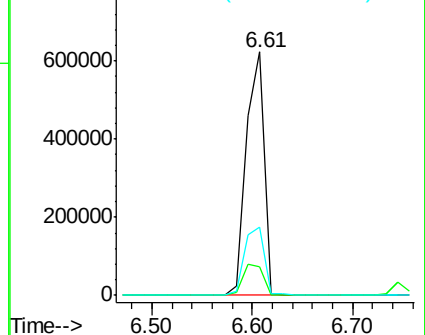
71 28.1 26.7 40.1



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: 8.28 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF085159.D

Acq: 4 Mar 2016 11:44

Tgt Ion: 136 Resp: 916568

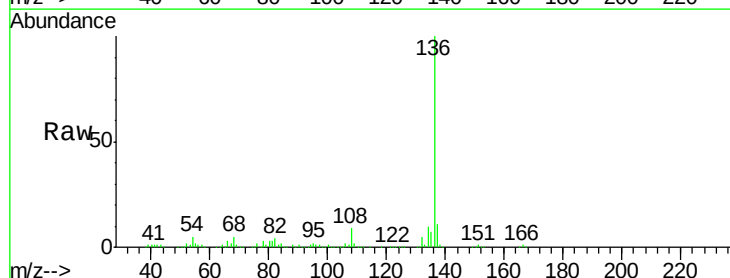
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 5.1 7.4 11.2#

68 4.7 6.0 9.0#

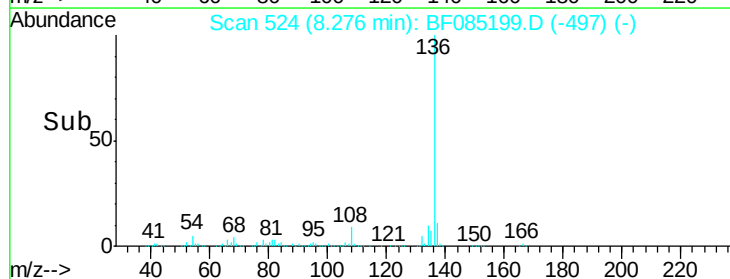
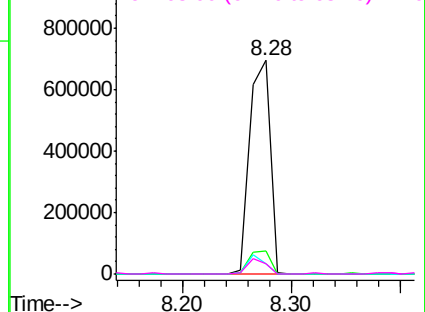


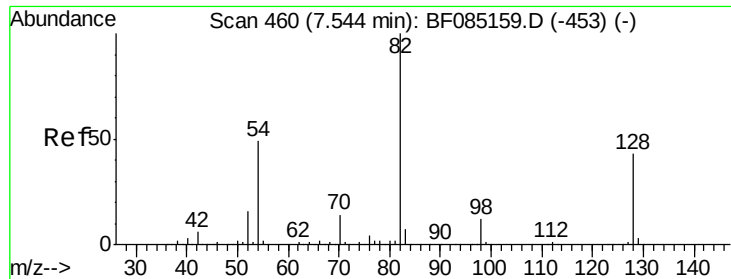
Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.21 ng

RT: 7.54 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085199.D

Acq: 4 Mar 2016 11:44

Instrument :

BNA_F

ClientSampleId :

M5049(6-8)RE

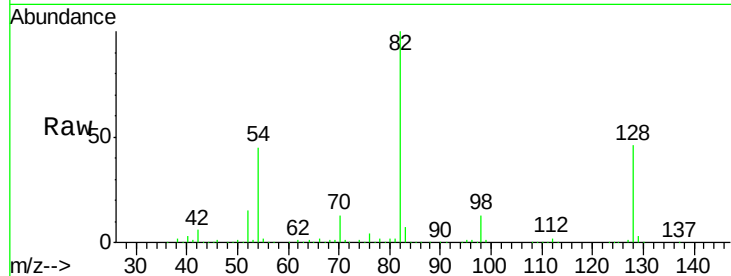
Tgt Ion: 82 Resp: 466141

Ion Ratio Lower Upper

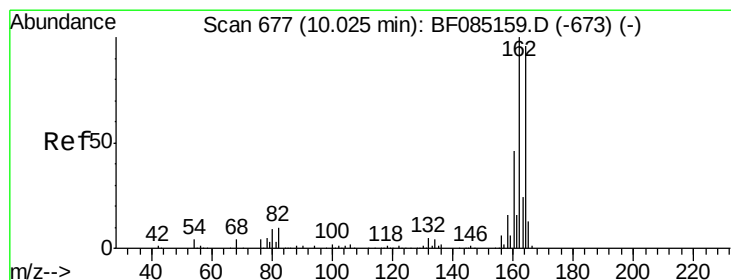
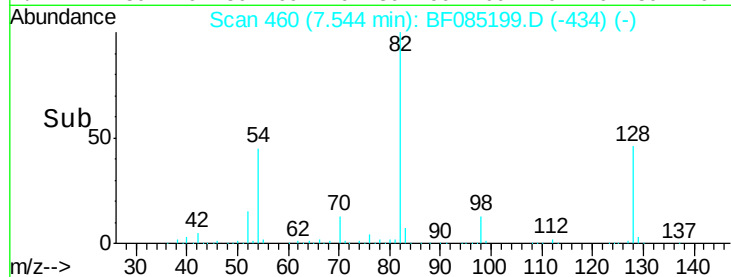
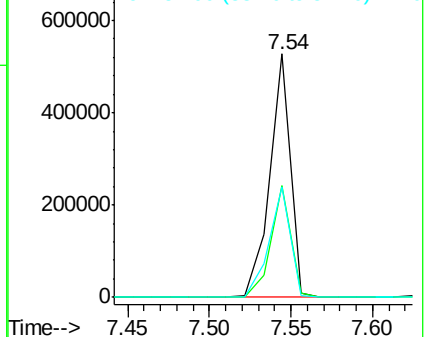
82 100

128 46.0 34.5 51.7

54 45.1 39.3 58.9



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: 10.02 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF085199.D

Acq: 4 Mar 2016 11:44

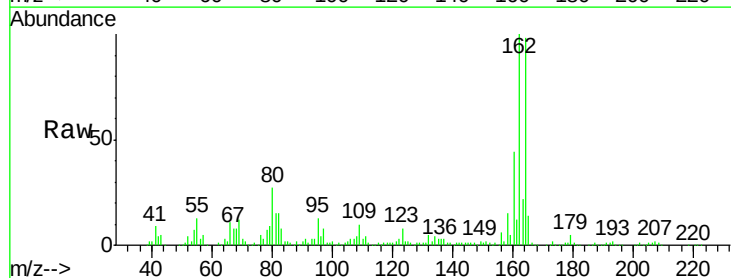
Tgt Ion: 164 Resp: 334892

Ion Ratio Lower Upper

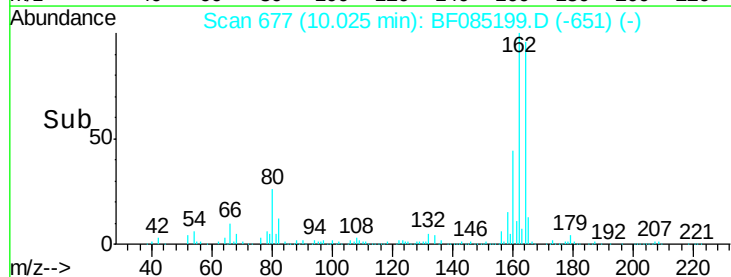
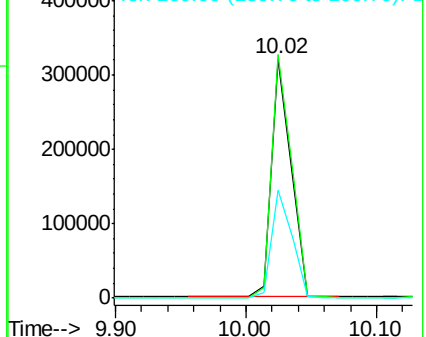
164 100

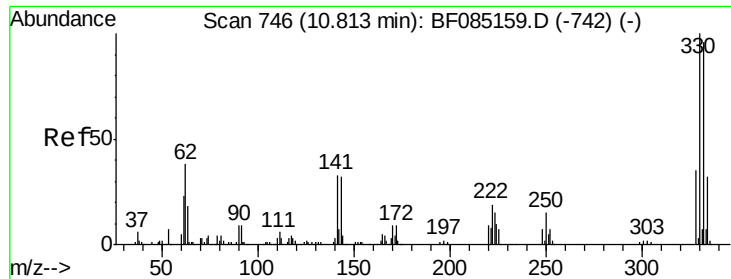
162 102.1 83.3 124.9

160 45.4 37.9 56.9



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

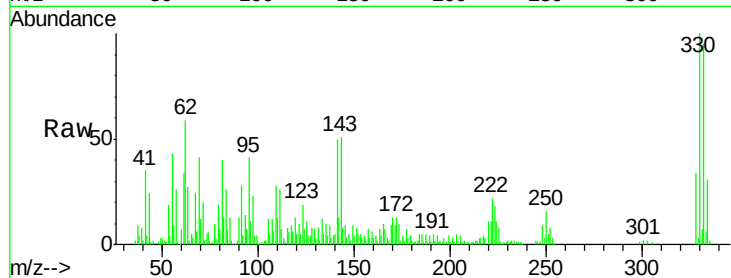




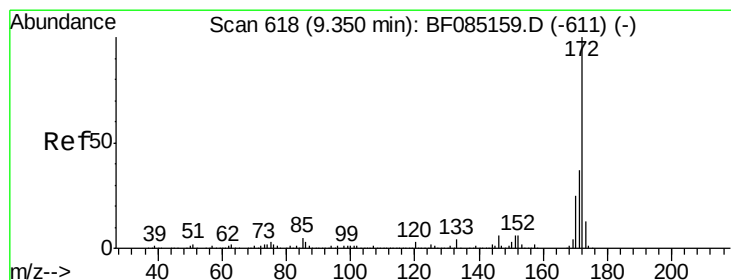
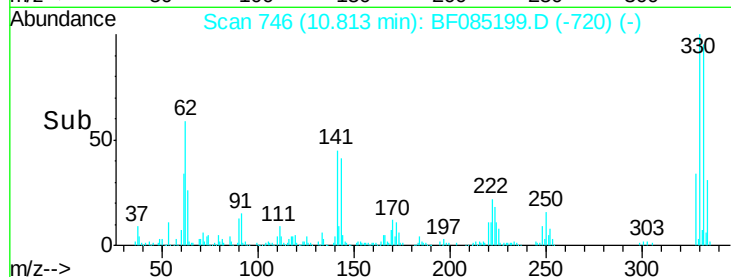
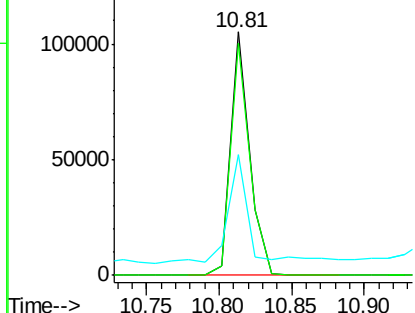
#41
 2,4,6-Tribromophenol
 Concen: 33.32 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF085199.D
 Acq: 4 Mar 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 M5049(6-8)RE

Tgt Ion:330 Resp: 95477
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 46.0 35.0 52.6

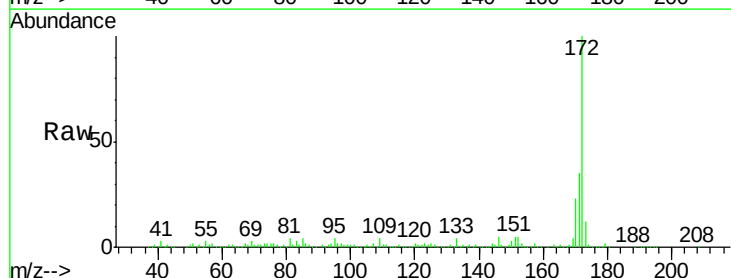


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

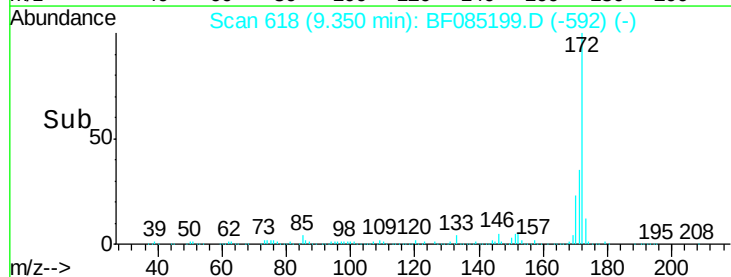
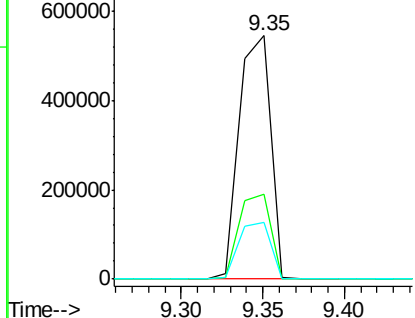


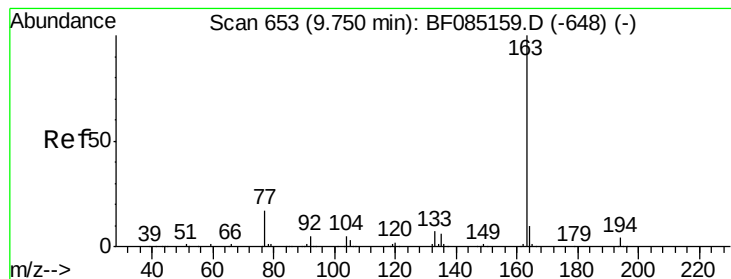
#44
 2-Fluorobiphenyl
 Concen: 32.94 ng
 RT: 9.35 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF085199.D
 Acq: 4 Mar 2016 11:44

Tgt Ion:172 Resp: 725354
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.3 43.9
 170 23.2 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: 4.39 ng

RT: 9.74 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF085199.D

Acq: 4 Mar 2016 11:44

Instrument :

BNA_F

ClientSampleId :

M5049(6-8)RE

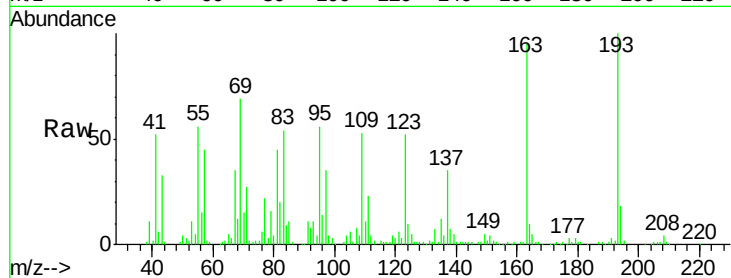
Tgt Ion:163 Resp: 112762

Ion Ratio Lower Upper

163 100

194 19.1 3.1 4.7#

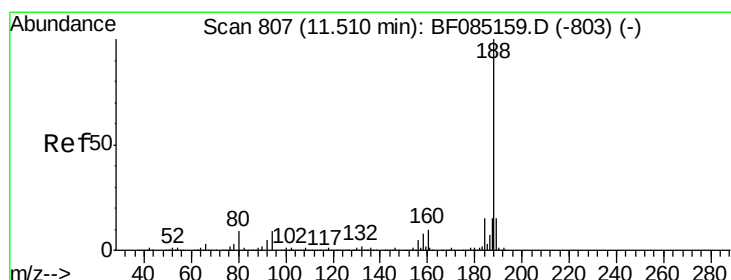
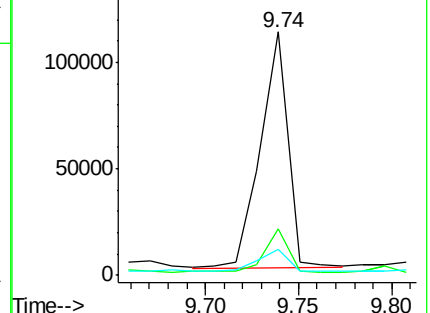
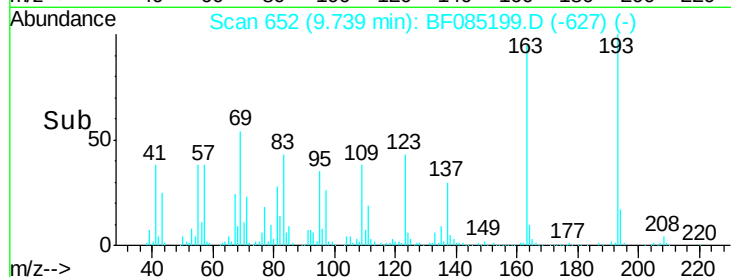
164 10.8 8.2 12.4



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: 11.52 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF085199.D

Acq: 4 Mar 2016 11:44

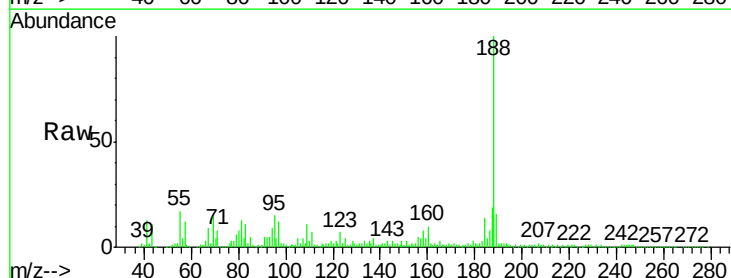
Tgt Ion:188 Resp: 547933

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

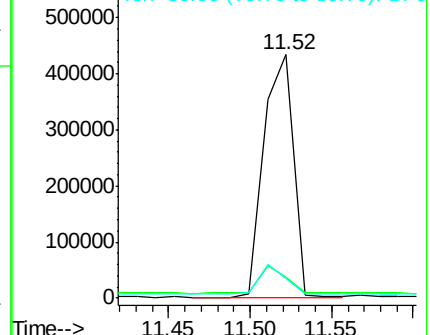
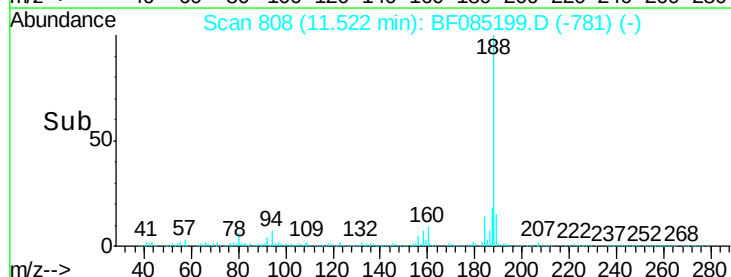
80 7.9 7.4 11.0

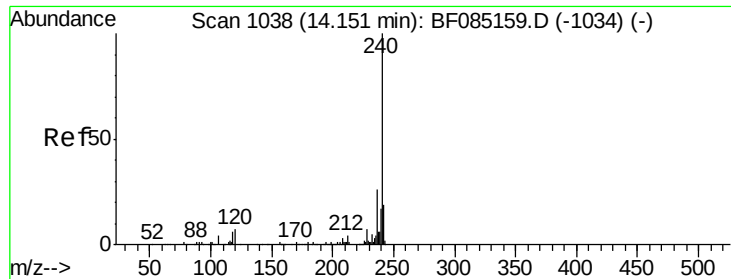


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

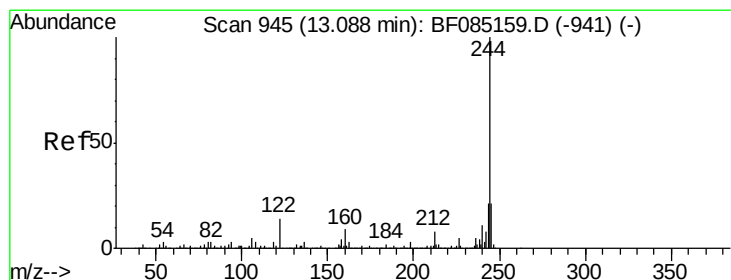
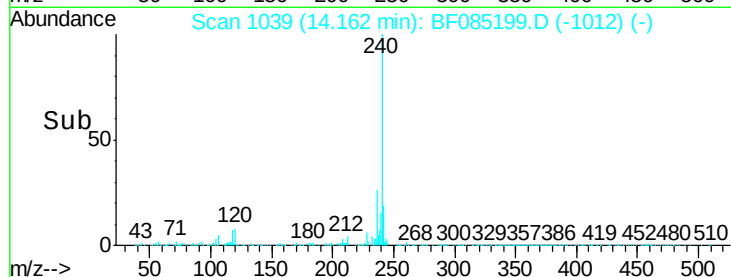
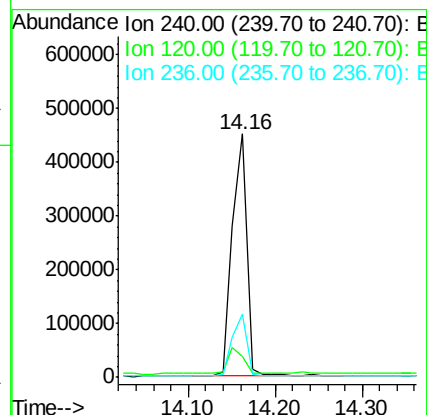
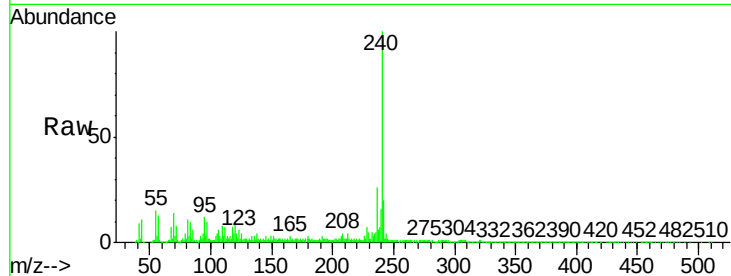




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF085199.D
Acq: 4 Mar 2016 11:44

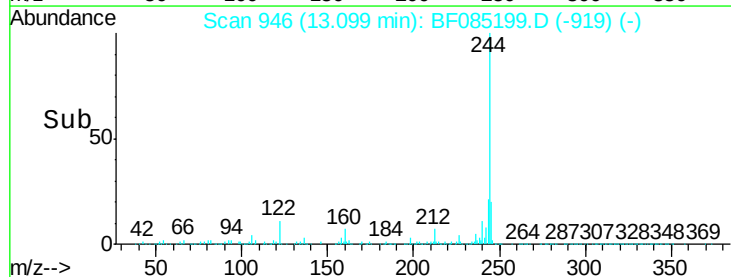
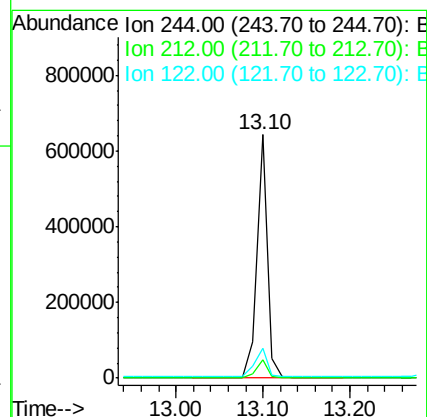
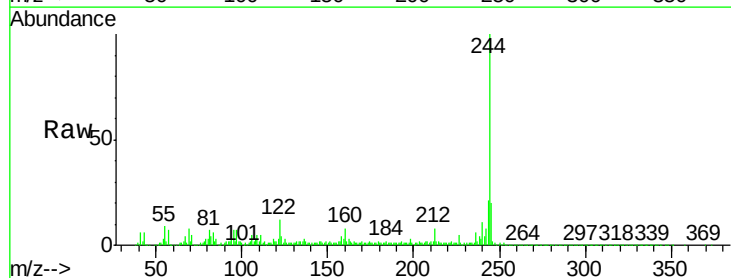
Instrument :
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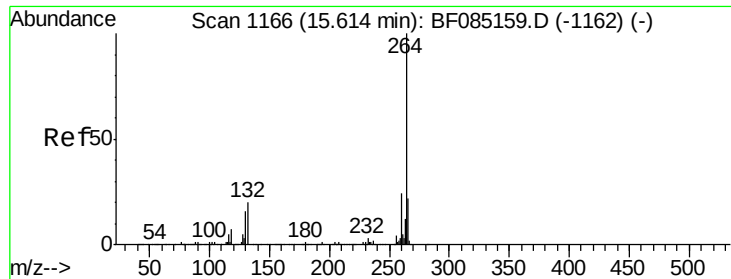
Tgt Ion:240 Resp: 527089
Ion Ratio Lower Upper
240 100
120 8.8 5.3 7.9#
236 26.1 20.7 31.1



#78
Terphenyl-d14
Concen: 24.05 ng
RT: 13.10 min Scan# 946
Delta R.T. 0.01 min
Lab File: BF085199.D
Acq: 4 Mar 2016 11:44

Tgt Ion:244 Resp: 546052
Ion Ratio Lower Upper
244 100
212 7.5 6.4 9.6
122 12.1 11.4 17.2



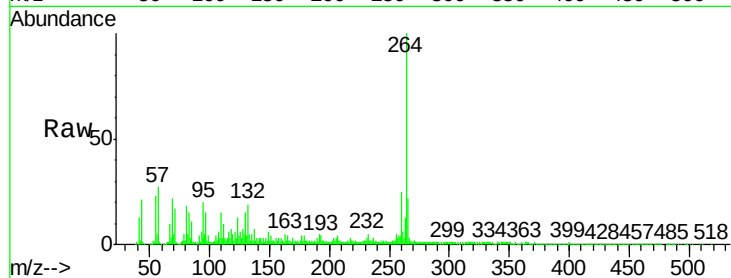


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1169
Delta R.T. 0.03 min
Lab File: BF085199.D
Acq: 4 Mar 2016 11:44

Instrument :
BNA_F
ClientSampleId :
M5049(6-8)RE

Tgt Ion: 264 Resp: 433423

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.4	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

