

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085658.D
 Acq On : 22 Mar 2016 10:20
 Operator : UM/SJ
 Sample : H1840-01DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-13-17.5-18.0DL

Quant Time: Mar 22 12:46:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

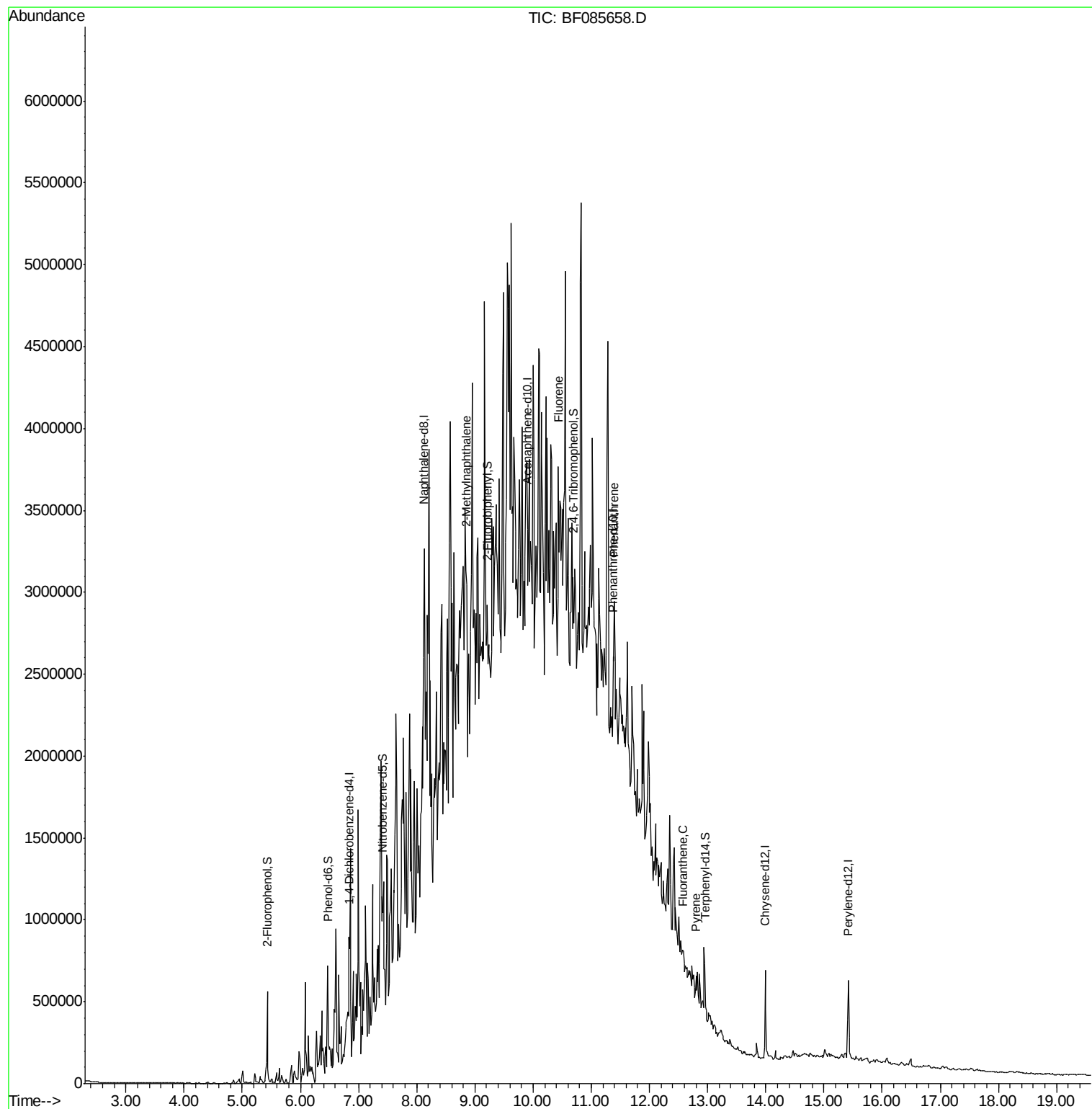
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108404	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	331515	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	128007	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	217655	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	209744	20.00	ng	-0.02
86) Perylene-d12	15.42	264	219221	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	169534	26.27	ng	-0.02
7) Phenol-d6	6.47	99	234649	28.35	ng	-0.02
23) Nitrobenzene-d5	7.41	82	169875	29.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	25184	20.08	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	215164	23.46	ng	-0.01
78) Terphenyl-d14	12.95	244	141656	16.25	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.85	142	600727	58.90	ng	Qvalue 96
57) Fluorene	10.44	166	154715	18.61	ng	# 73
70) Phenanthrene	11.40	178	441344	38.46	ng	# 95
74) Fluoranthene	12.57	202	46830	3.90	ng	90
77) Pyrene	12.80	202	69775	4.63	ng	# 95

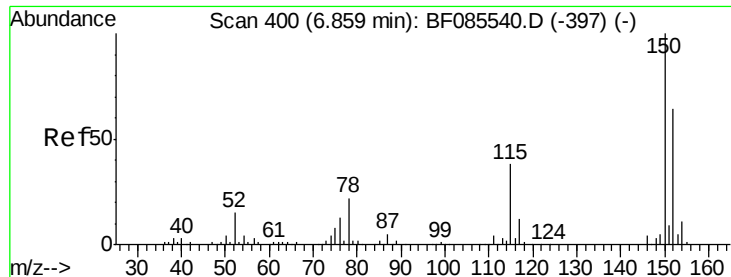
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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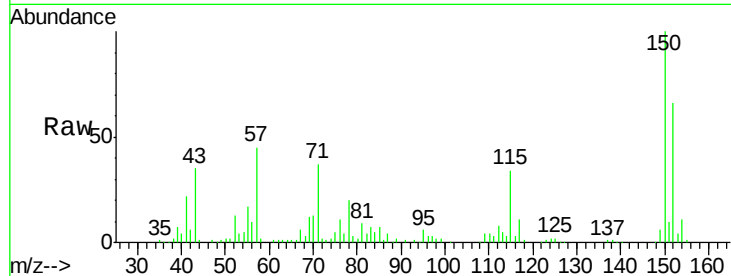




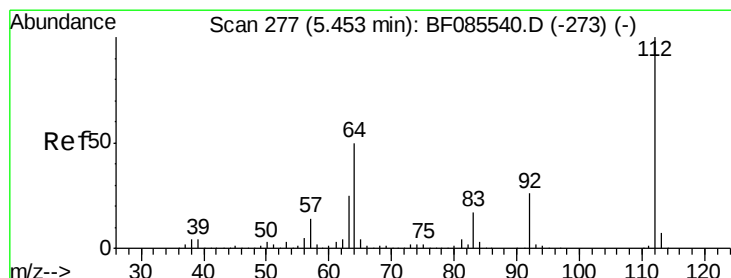
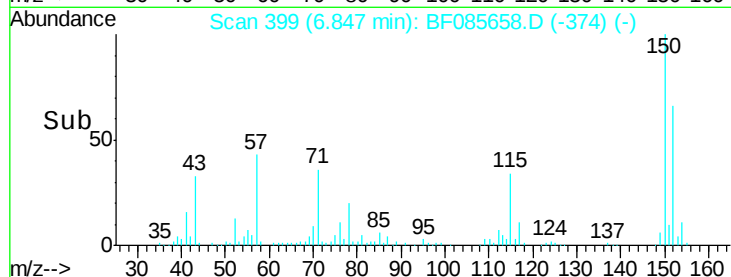
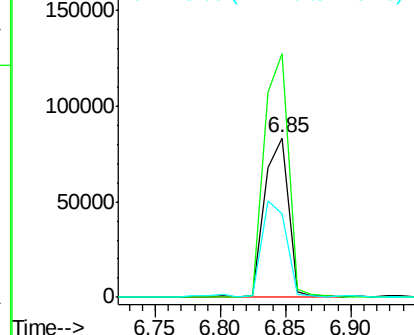
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF085658.D
 Acq: 22 Mar 2016 10:20

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-13-17.5-18.0DL

Tgt Ion:152 Resp: 108404
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.2 186.2
 115 52.4 47.0 70.6

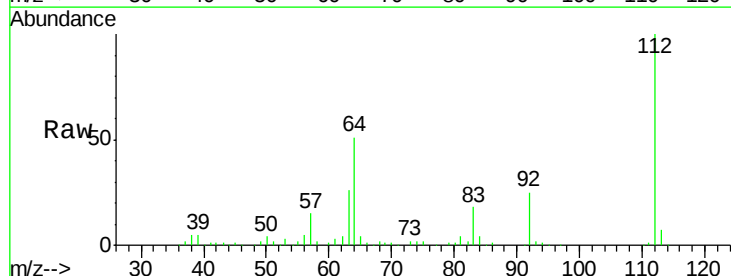


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

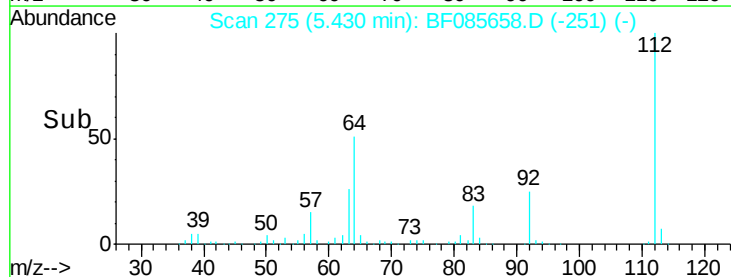
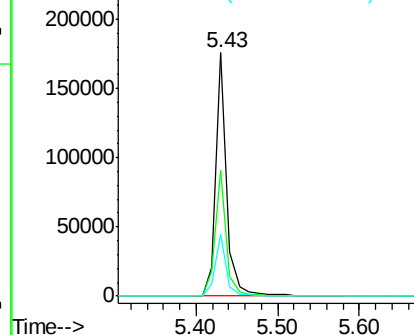


#5
 2-Fluorophenol
 Concen: 26.27 ng
 RT: 5.43 min Scan# 275
 Delta R.T. -0.02 min
 Lab File: BF085658.D
 Acq: 22 Mar 2016 10:20

Tgt Ion:112 Resp: 169534
 Ion Ratio Lower Upper
 112 100
 64 51.5 39.9 59.9
 63 25.6 20.2 30.2



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: 28.35 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-17.5-18.0DL

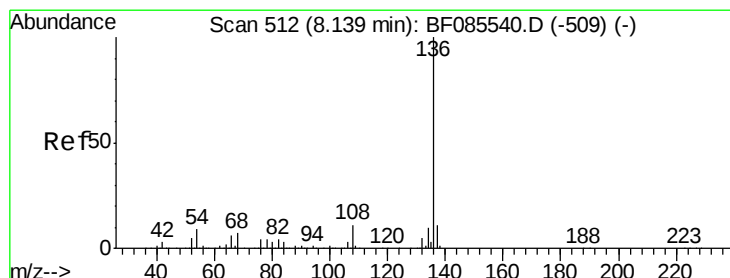
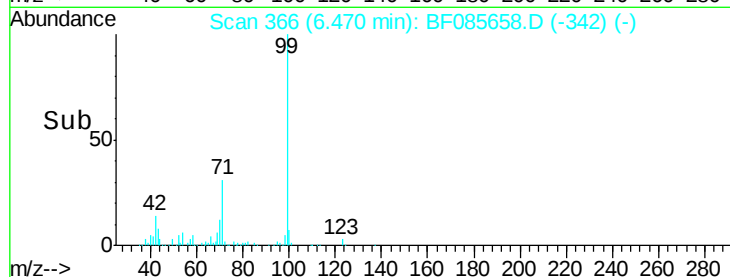
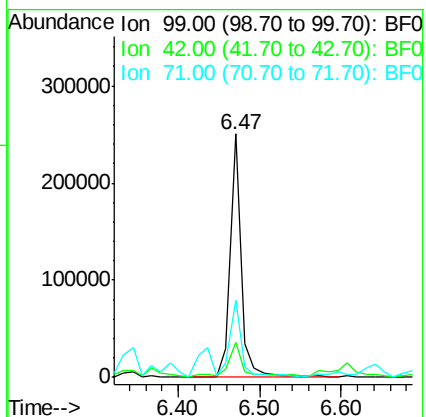
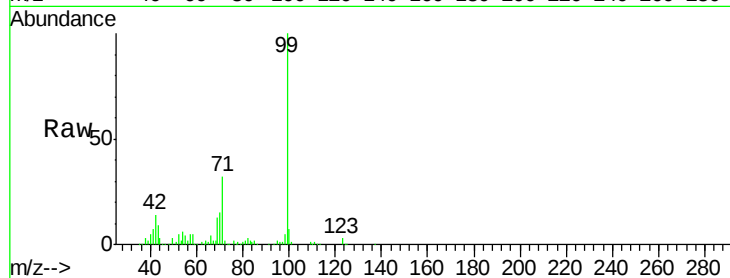
Tgt Ion: 99 Resp: 234649

Ion Ratio Lower Upper

99 100

42 14.5 11.1 16.7

71 32.0 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

Tgt Ion: 136 Resp: 331515

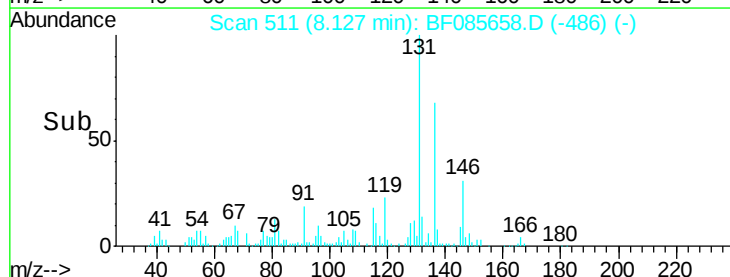
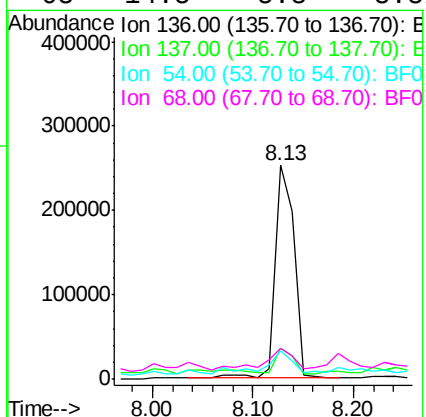
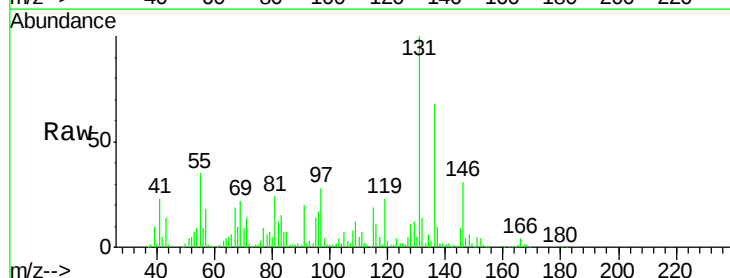
Ion Ratio Lower Upper

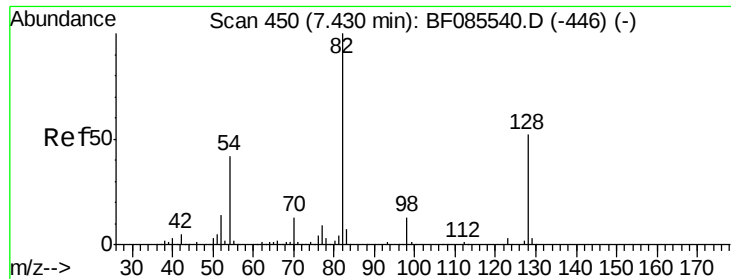
136 100

137 14.2 9.1 13.7#

54 13.3 7.4 11.0#

68 14.5 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 29.74 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-17.5-18.0DL

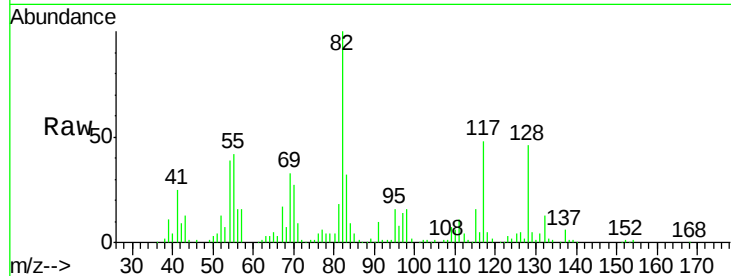
Tgt Ion: 82 Resp: 169875

Ion Ratio Lower Upper

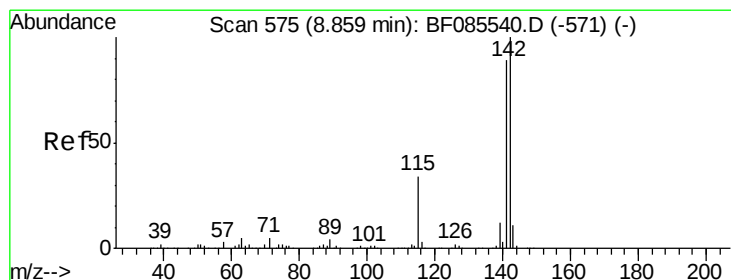
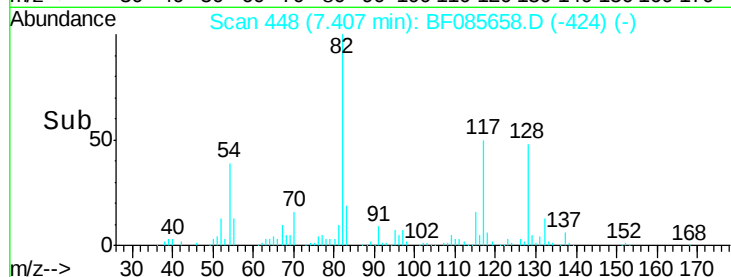
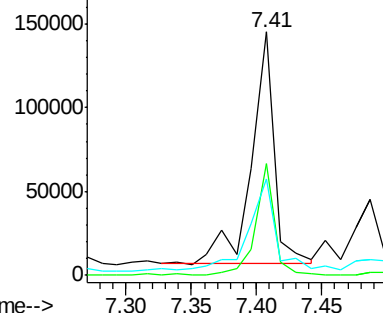
82 100

128 45.9 41.8 62.8

54 39.4 33.4 50.0



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



#37

2-Methylnaphthalene

Concen: 58.90 ng

RT: 8.85 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

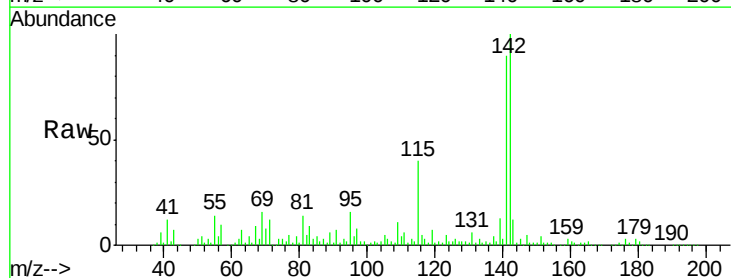
Tgt Ion:142 Resp: 600727

Ion Ratio Lower Upper

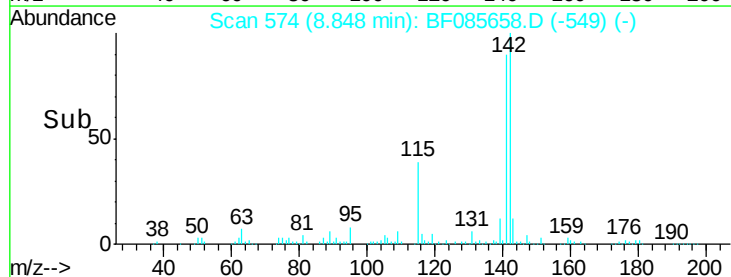
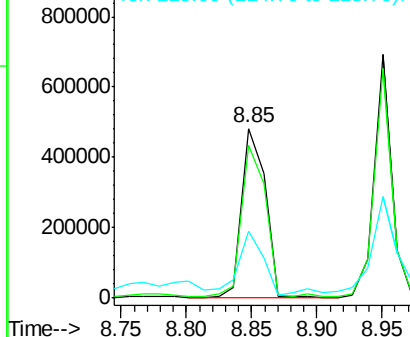
142 100

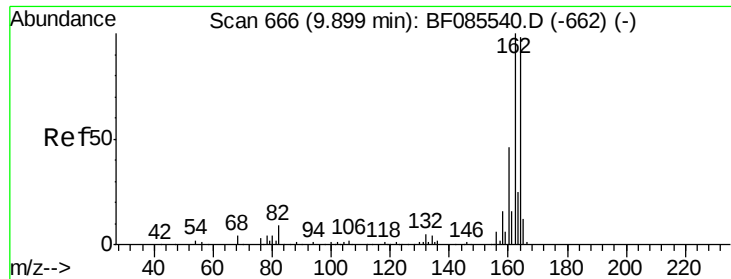
141 90.2 71.6 107.4

115 39.8 26.8 40.2



Abundance Ion 142.00 (141.70 to 142.70): B
Ion 141.00 (140.70 to 141.70): B
Ion 115.00 (114.70 to 115.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

Instrument :

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PJ-SB-13-17.5-18.0DL

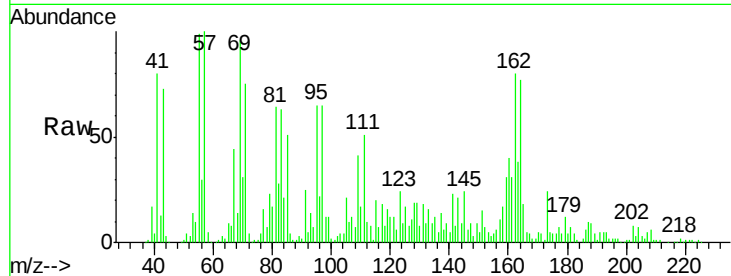
Tgt Ion:164 Resp: 128007

Ion Ratio Lower Upper

164 100

162 103.2 82.1 123.1

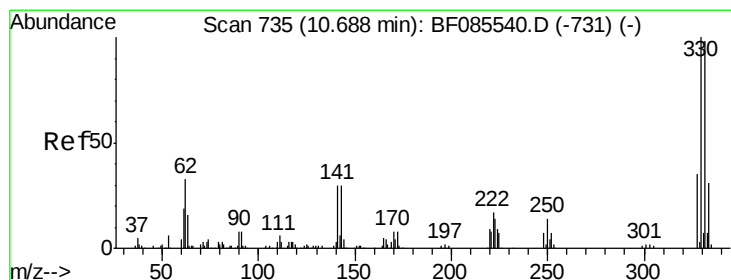
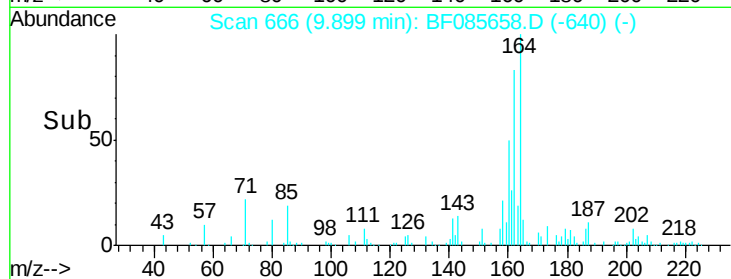
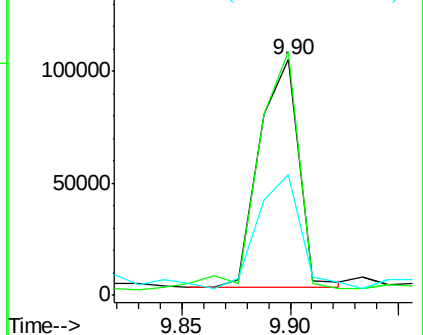
160 51.1 37.4 56.2



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: 20.08 ng

RT: 10.69 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

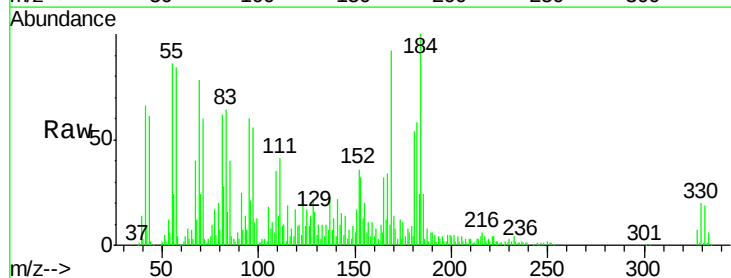
Tgt Ion:330 Resp: 25184

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.2

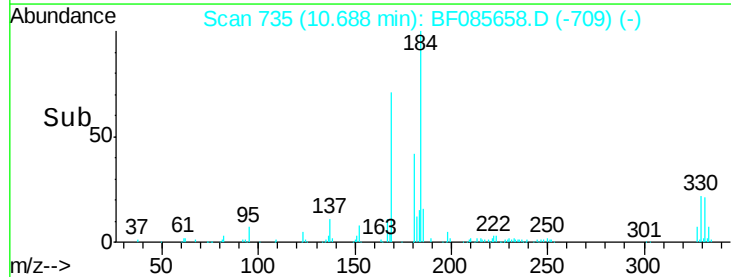
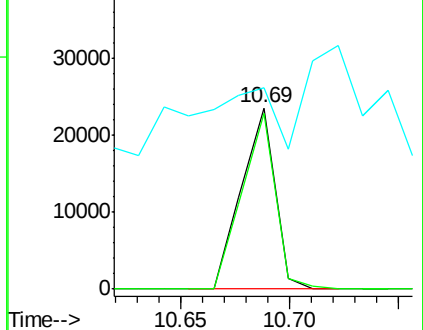
141 95.4 31.5 47.3#

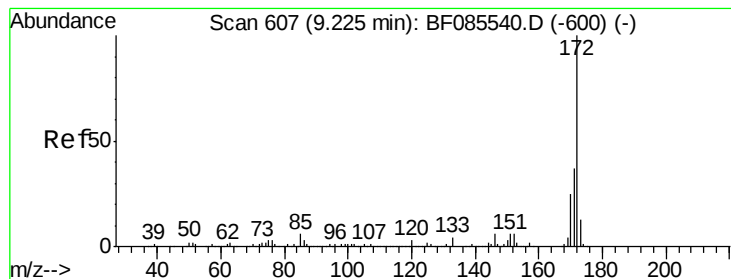


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 23.46 ng

RT: 9.21 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

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PJ-SB-13-17.5-18.0DL

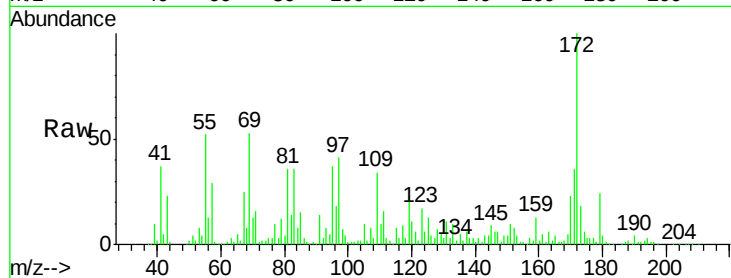
Tgt Ion:172 Resp: 215164

Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.2

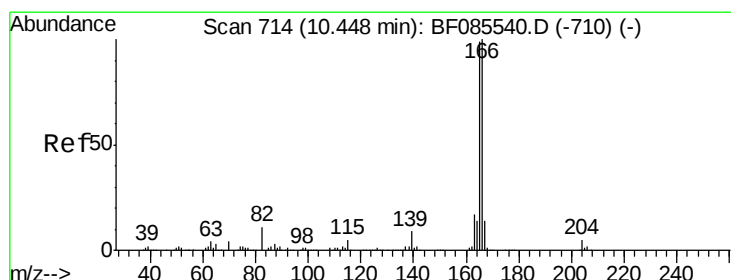
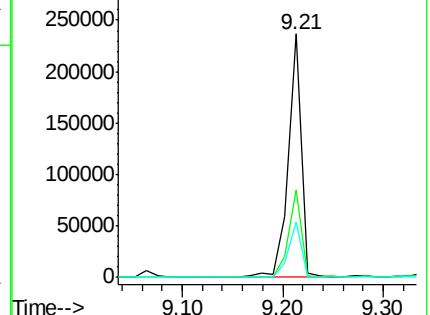
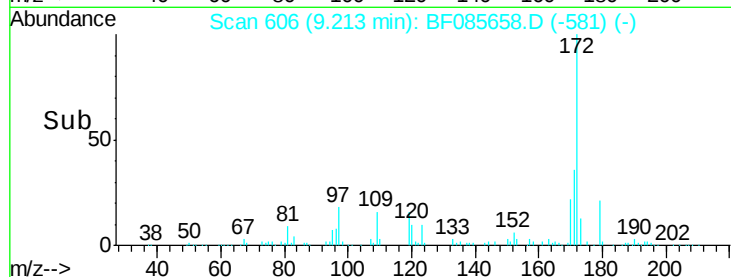
170 22.8 19.8 29.6



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



#57

Fluorene

Concen: 18.61 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

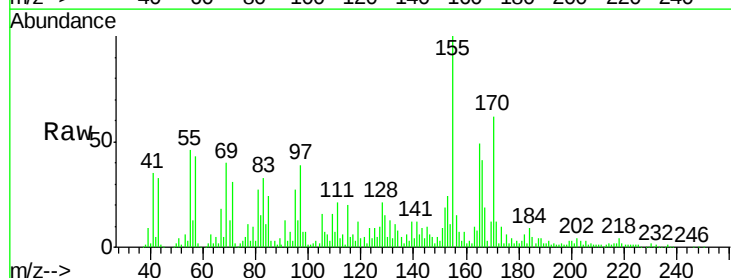
Tgt Ion:166 Resp: 154715

Ion Ratio Lower Upper

166 100

165 118.6 79.4 119.0

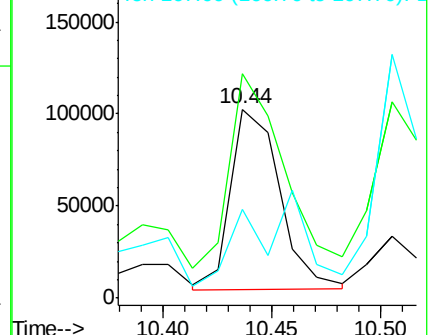
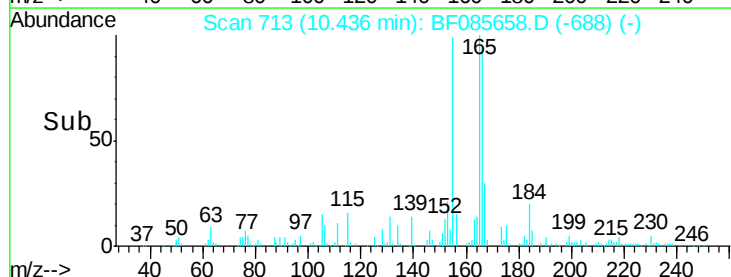
167 46.8 11.0 16.4#

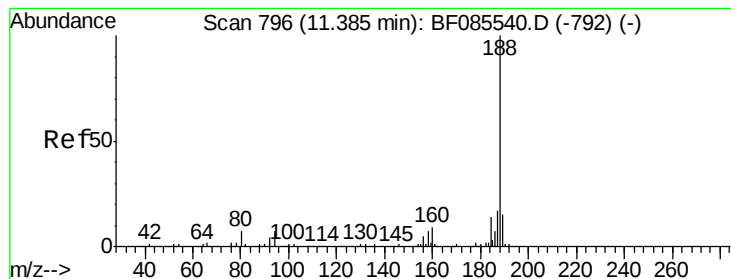


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

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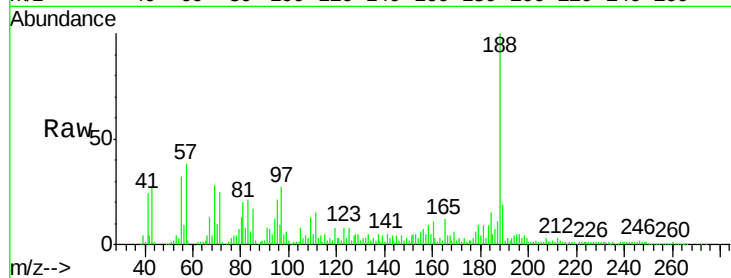
Tgt Ion:188 Resp: 217655

Ion Ratio Lower Upper

188 100

94 11.8 5.4 8.0#

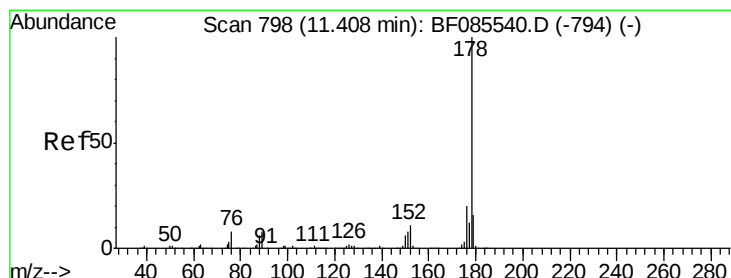
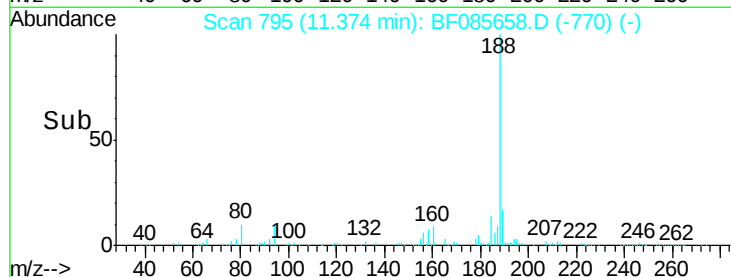
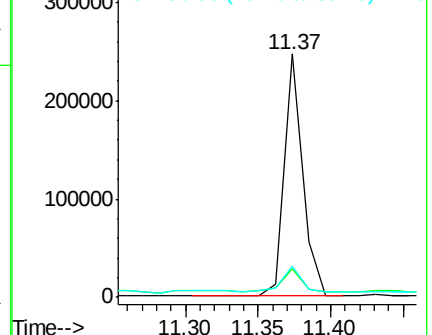
80 12.8 5.5 8.3#



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



#70

Phenanthrene

Concen: 38.46 ng

RT: 11.40 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

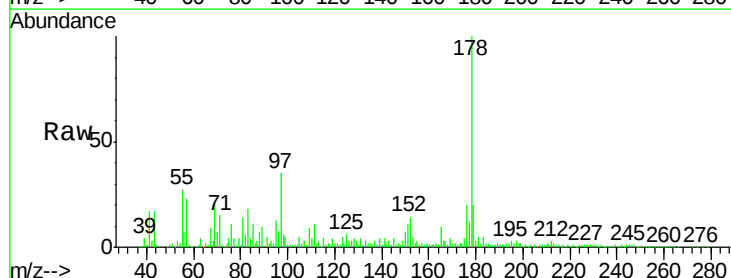
Tgt Ion:178 Resp: 441344

Ion Ratio Lower Upper

178 100

176 19.9 16.3 24.5

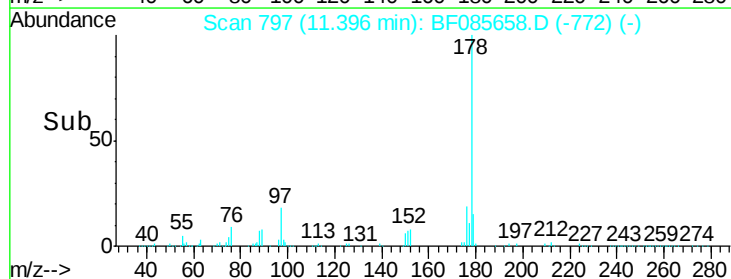
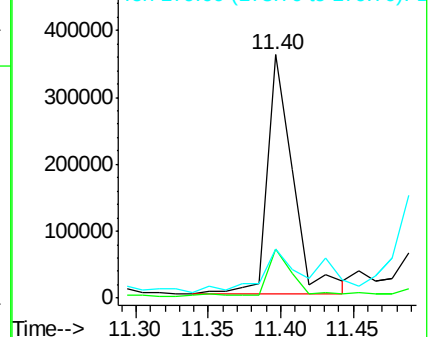
179 19.9 12.6 18.8#

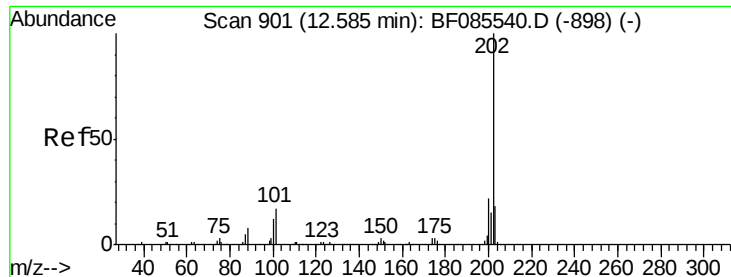


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.90 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

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PJ-SB-13-17.5-18.0DL

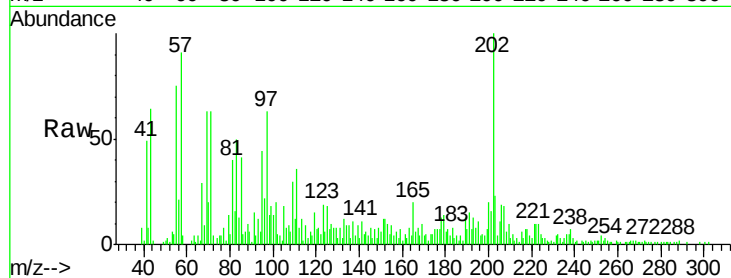
Tgt Ion:202 Resp: 46830

Ion Ratio Lower Upper

202 100

101 20.4 0.0 36.6

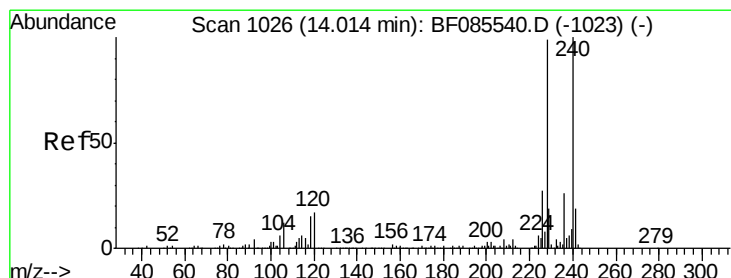
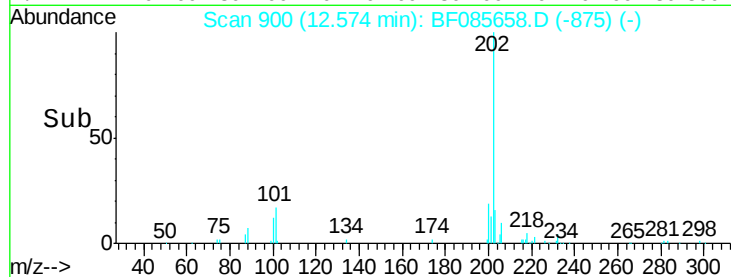
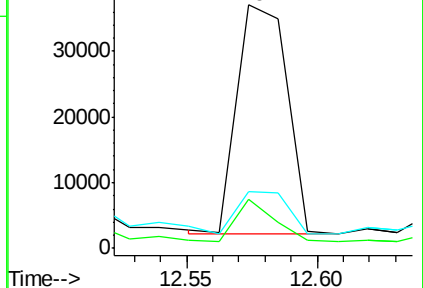
203 23.4 0.0 38.1



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: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

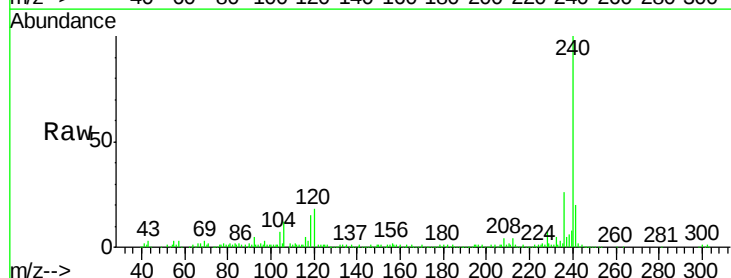
Tgt Ion:240 Resp: 209744

Ion Ratio Lower Upper

240 100

120 17.6 13.8 20.8

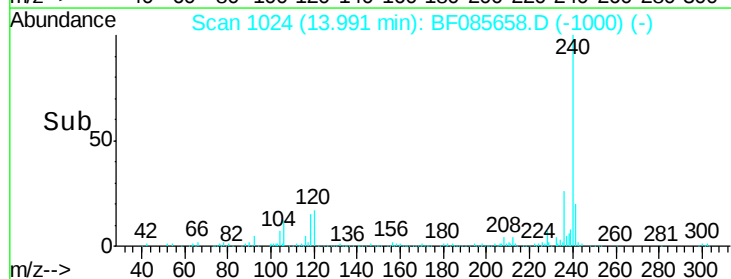
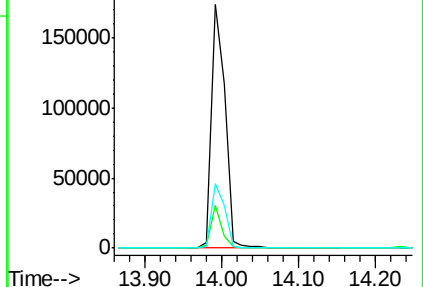
236 26.5 20.6 30.8

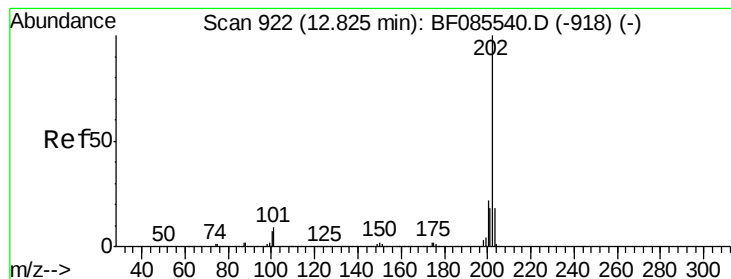


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 4.63 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-17.5-18.0DL

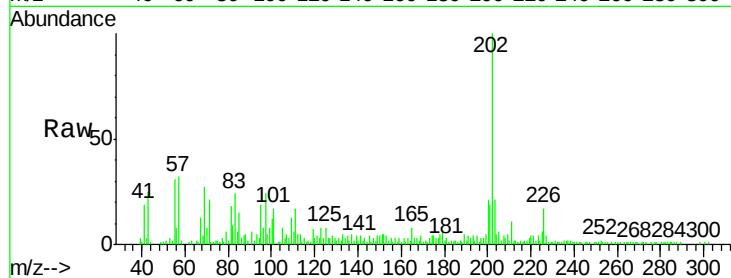
Tgt Ion:202 Resp: 69775

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

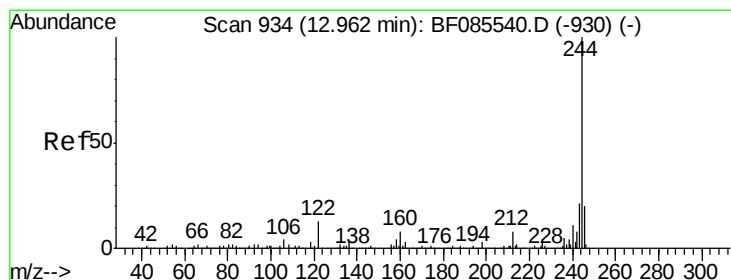
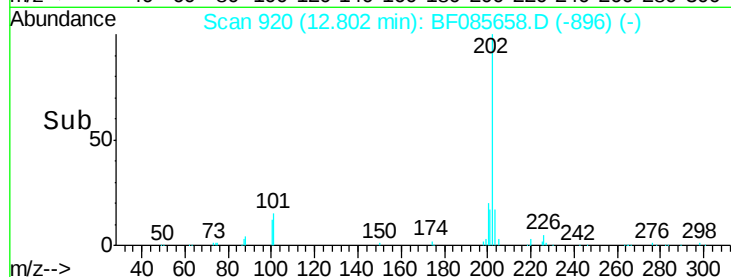
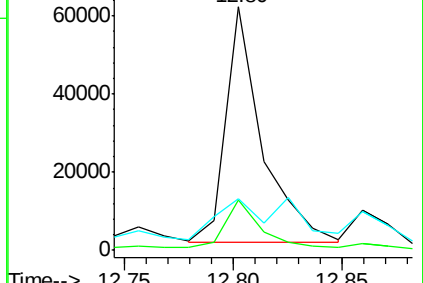
203 21.1 14.0 21.0#



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: 16.25 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085658.D

Acq: 22 Mar 2016 10:20

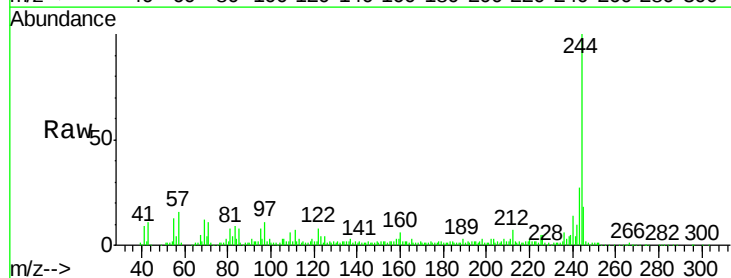
Tgt Ion:244 Resp: 141656

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

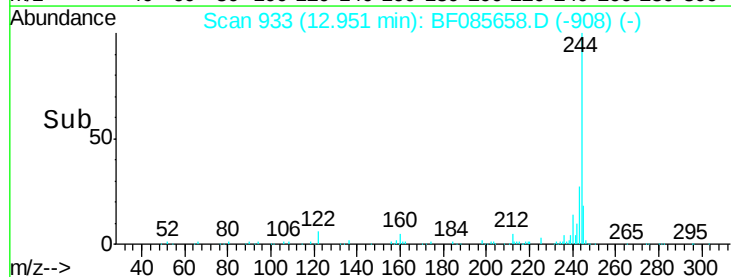
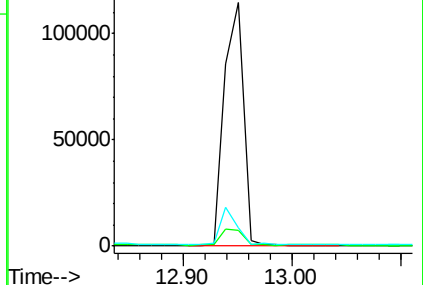
122 7.5 10.2 15.4#

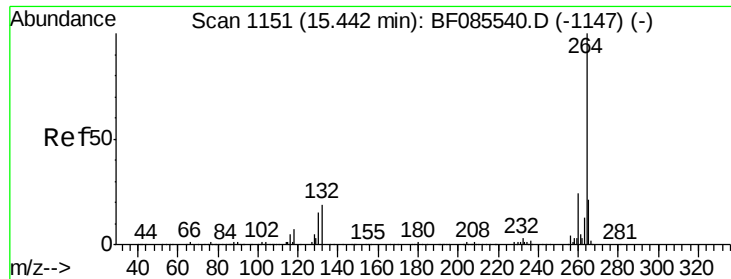


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-17.5-18.0DL

Tgt Ion: 264 Resp: 219221
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.4 17.2 25.8

