

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085644.D
 Acq On : 22 Mar 2016 3:54
 Operator : UM/SJ
 Sample : H1840-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-13-23.0-25.0

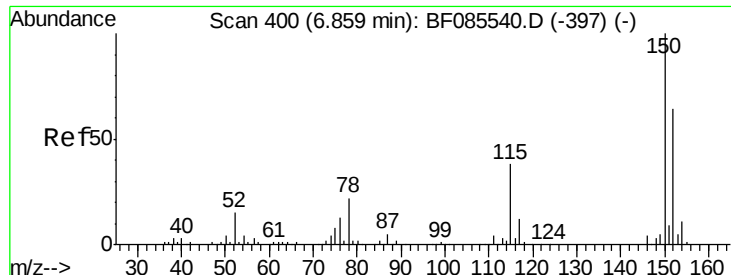
Quant Time: Mar 22 04:12:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108519	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	376209	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	165452	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	258580	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	206762	20.00	ng	-0.02
86) Perylene-d12	15.42	264	225823	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	972634	150.54	ng	0.00
7) Phenol-d6	6.48	99	1087328	131.22	ng	-0.01
23) Nitrobenzene-d5	7.41	82	629169	97.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	203538	125.59	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1006964	113.05	ng	-0.01
78) Terphenyl-d14	12.95	244	684135	79.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.61	77	20740	3.02	ng	83
15) Benzyl Alcohol	7.00	79	13229	2.33	ng	# 47
18) Hexachloroethane	7.32	117	11272	3.76	ng	# 1
24) Nitrobenzene	7.38	77	19067	2.69	ng	# 31
25) Isophorone	7.66	82	40724	3.14	ng	# 1
35) Caprolactam	8.56	113	70818	40.20	ng	# 76
37) 2-Methylnaphthalene	8.85	142	386089	33.36	ng	99
47) 2-Nitroaniline	9.48	65	8284	2.63	ng	# 39
49) Dimethylphthalate	9.60	163	178876	14.33	ng	# 89
50) 2,6-Dinitrotoluene	9.66	165	7237	2.75	ng	# 27
51) Acenaphthene	9.92	154	51185	4.83	ng	# 71
52) 3-Nitroaniline	9.84	138	11103	3.36	ng	# 32
54) Dibenzofuran	10.09	168	50572	3.92	ng	# 1
55) 4-Nitrophenol	9.99	139	34325	13.45	ng	# 57
56) 2,4-Dinitrotoluene	10.09	165	22561	6.54	ng	# 66
57) Fluorene	10.44	166	93240	8.68	ng	# 90
58) 2,3,4,6-Tetrachlorophenol	10.23	232	5725	2.27	ng	# 1
61) 4-Nitroaniline	10.34	138	6611	2.03	ng	89
65) n-Nitrosodiphenylamine	10.55	169	227712	28.27	ng	# 49
70) Phenanthrene	11.40	178	274358	20.12	ng	96
71) Anthracene	11.40	178	274358	19.19	ng	97
74) Fluoranthene	12.57	202	36396	2.55	ng	94
77) Pyrene	12.80	202	49938	3.36	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085644.D

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Instrument :

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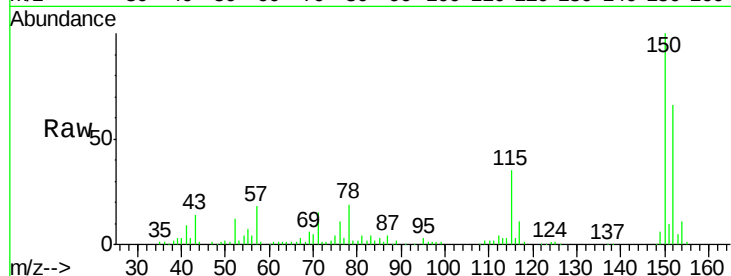
Tgt Ion:152 Resp: 108519

Ion Ratio Lower Upper

152 100

150 150.5 124.2 186.2

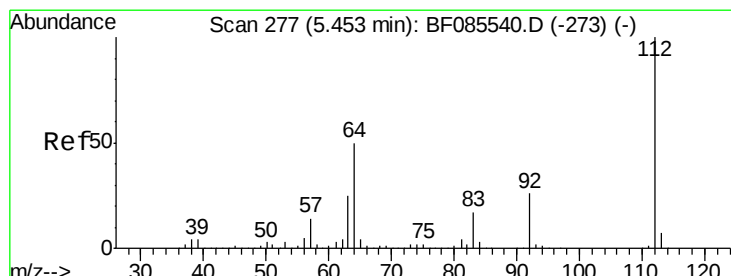
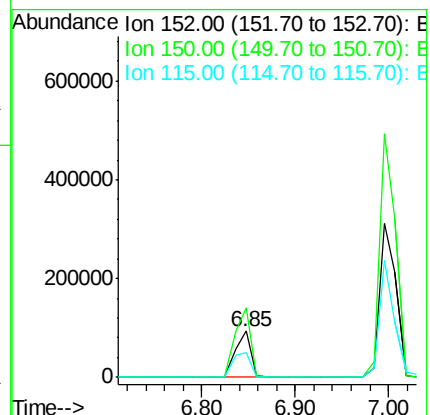
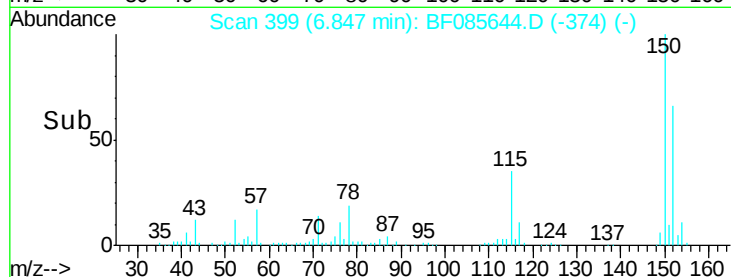
115 53.1 47.0 70.6



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: 150.54 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

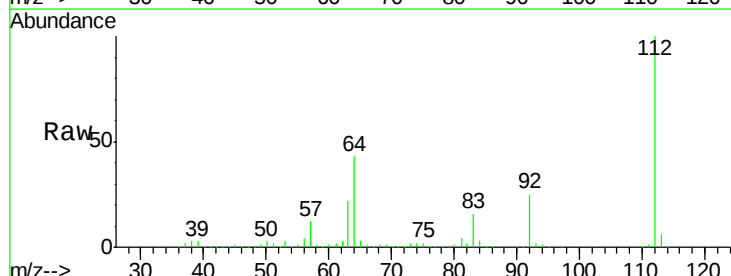
Tgt Ion:112 Resp: 972634

Ion Ratio Lower Upper

112 100

64 43.3 39.9 59.9

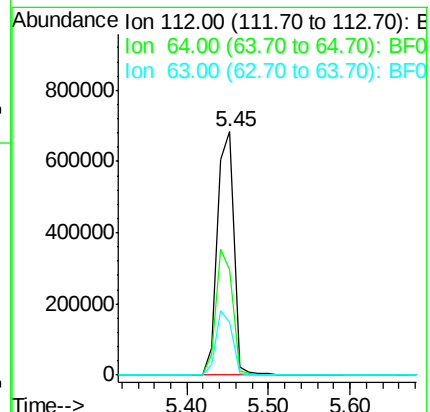
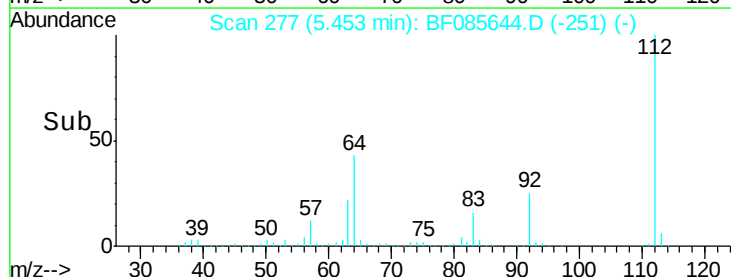
63 21.8 20.2 30.2

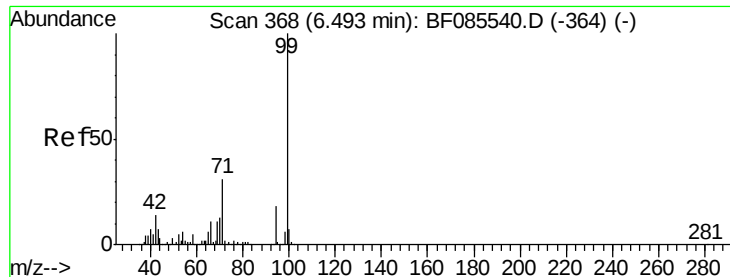


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.22 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

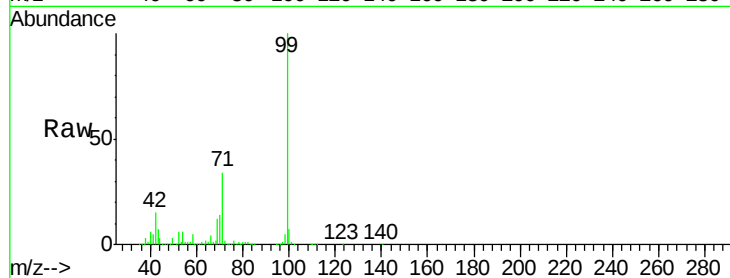
Tgt Ion: 99 Resp: 1087328

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

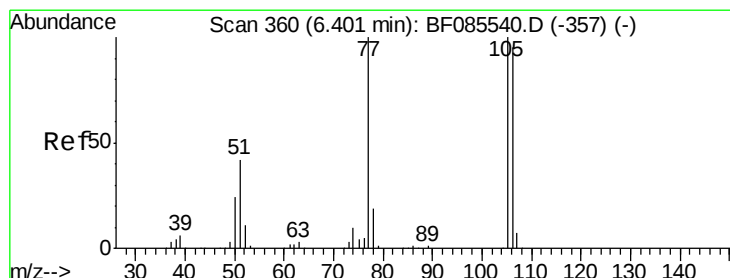
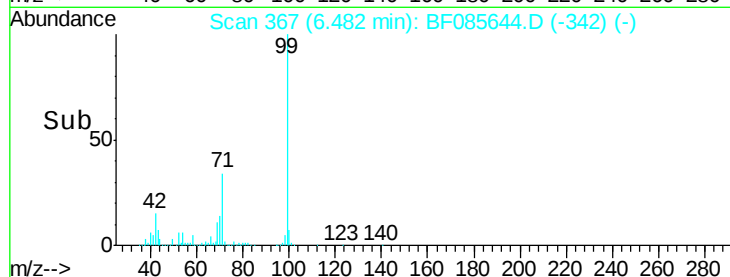
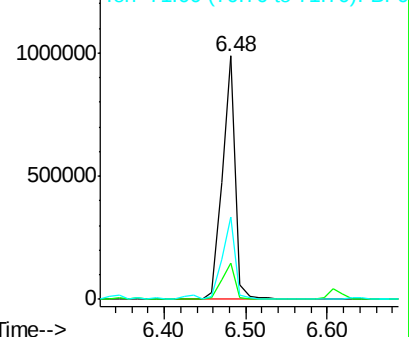
71 33.8 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.02 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.21 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

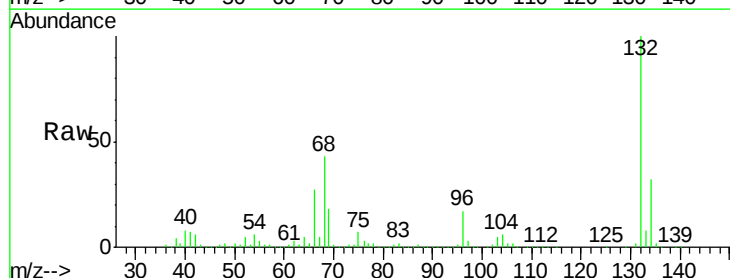
Tgt Ion: 77 Resp: 20740

Ion Ratio Lower Upper

77 100

105 81.6 80.1 120.1

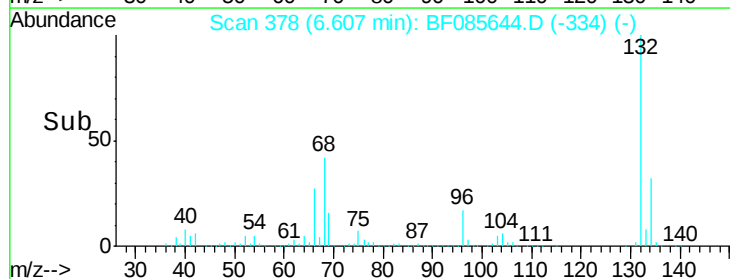
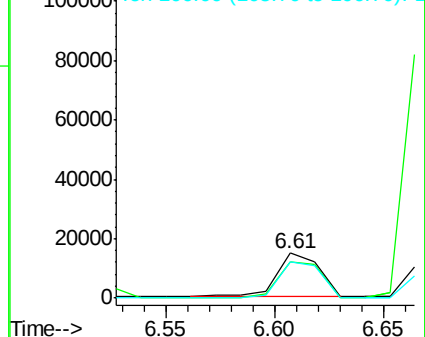
106 81.0 75.0 115.0

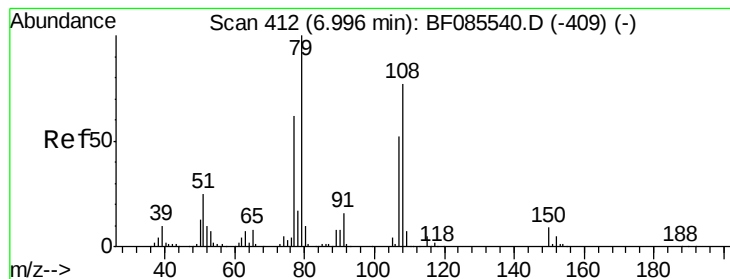


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.33 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

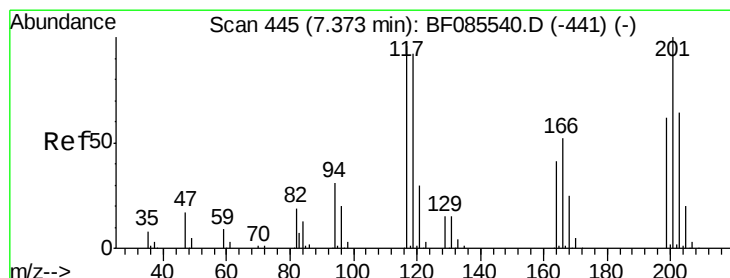
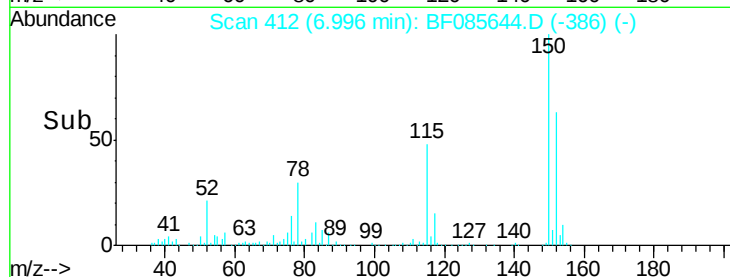
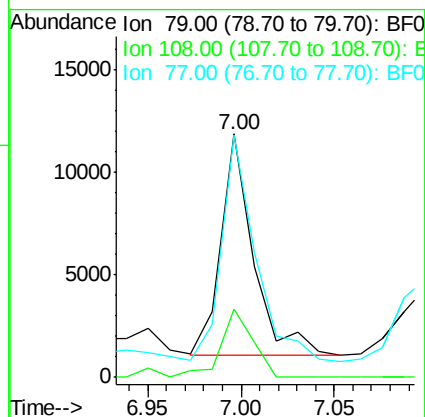
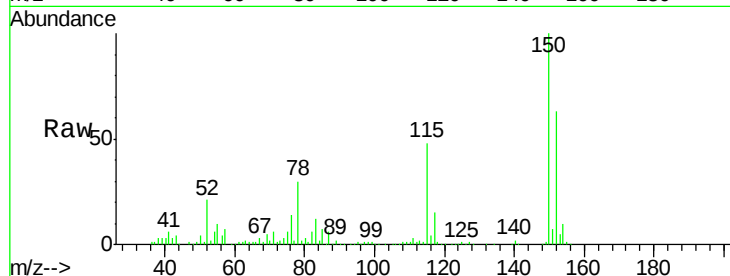
Tgt Ion: 79 Resp: 13229

Ion Ratio Lower Upper

79 100

108 27.9 61.8 92.6#

77 99.4 49.6 74.4#



#18

Hexachloroethane

Concen: 3.76 ng

RT: 7.32 min Scan# 440

Delta R.T. -0.06 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

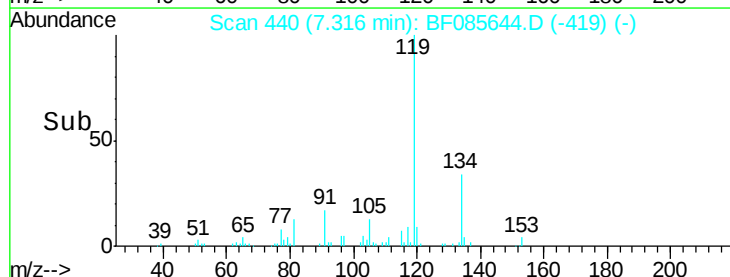
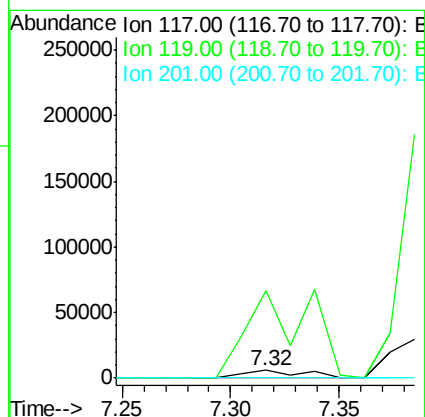
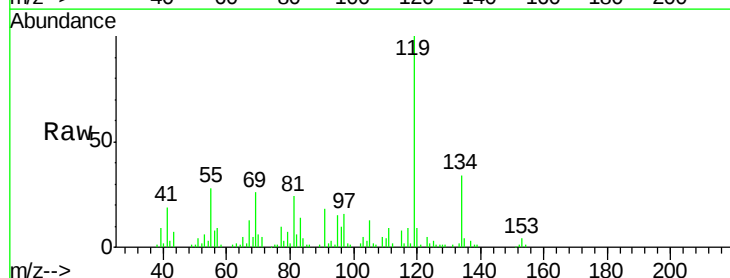
Tgt Ion: 117 Resp: 11272

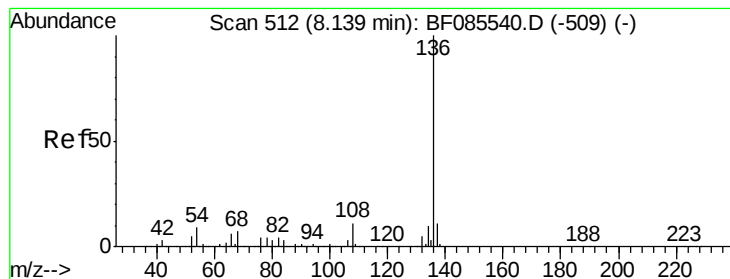
Ion Ratio Lower Upper

117 100

119 1108.3 76.7 115.1#

201 0.0 83.3 124.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

Tgt Ion: 136 Resp: 376209

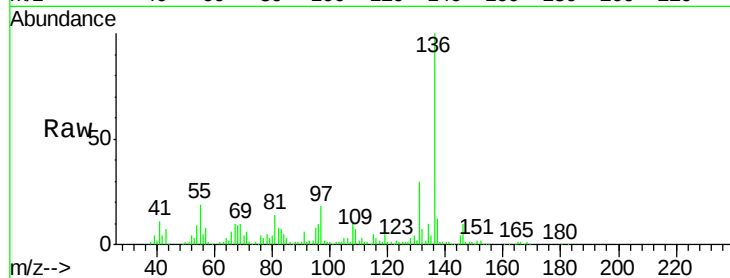
Ion Ratio Lower Upper

136 100

137 12.0 9.1 13.7

54 9.1 7.4 11.0

68 9.0 5.8 8.8#

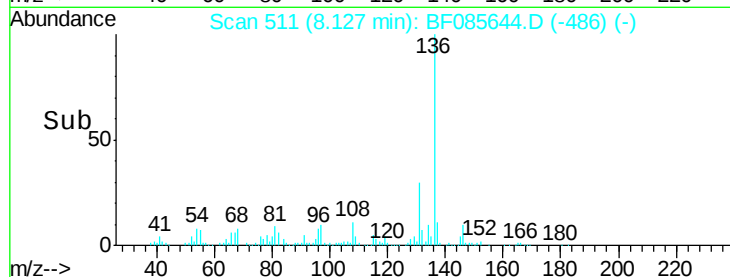


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

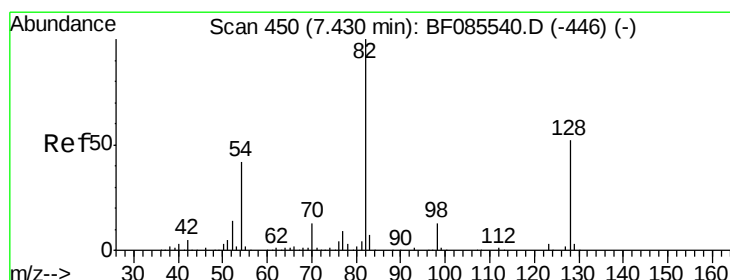
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.13



#23

Nitrobenzene-d5

Concen: 97.08 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

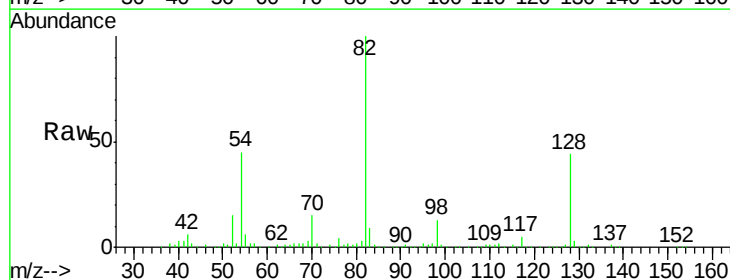
Tgt Ion: 82 Resp: 629169

Ion Ratio Lower Upper

82 100

128 44.4 41.8 62.8

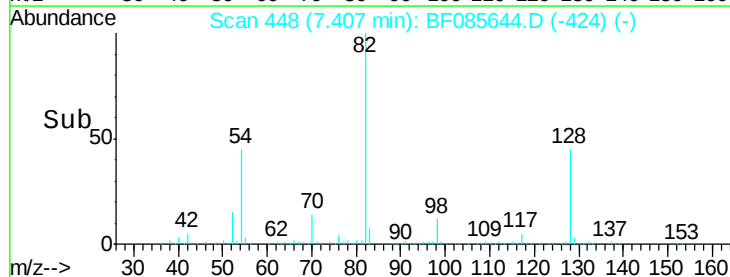
54 45.3 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

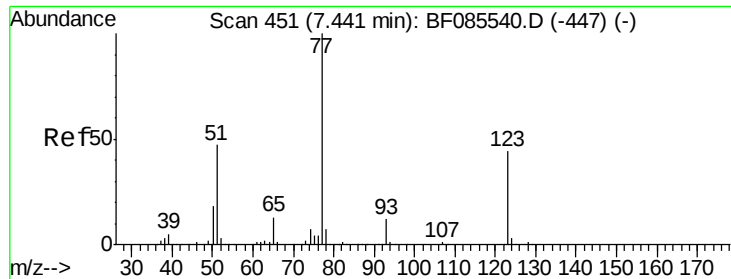
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

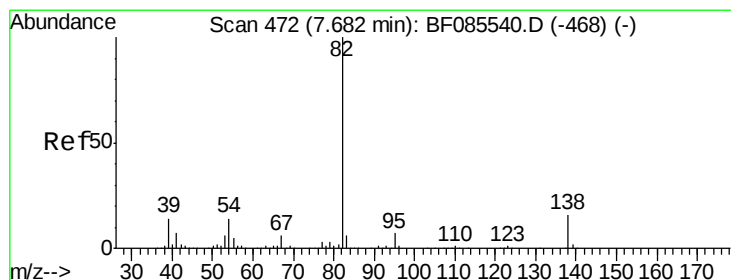
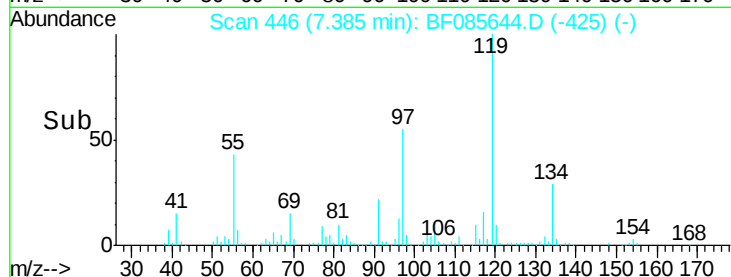
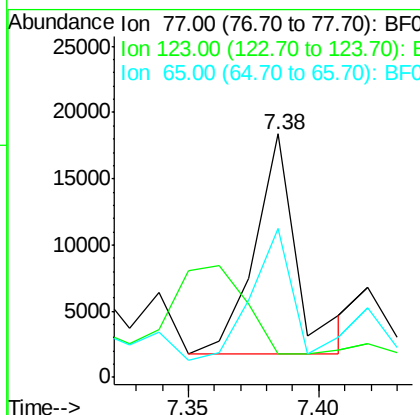
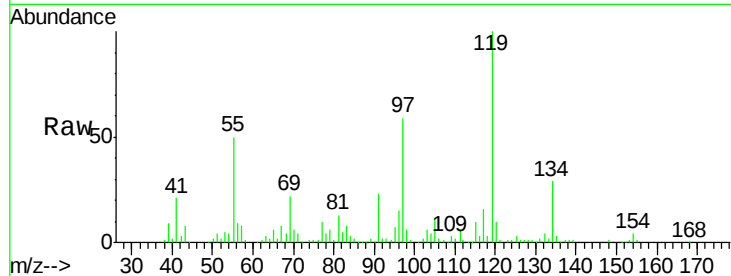
7.41



#24
 Nitrobenzene
 Concen: 2.69 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.06 min
 Lab File: BF085644.D
 Acq: 22 Mar 2016 3:54

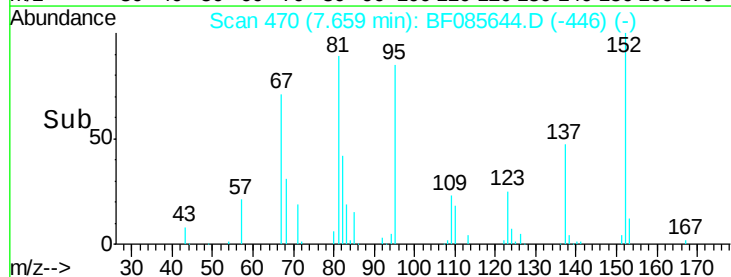
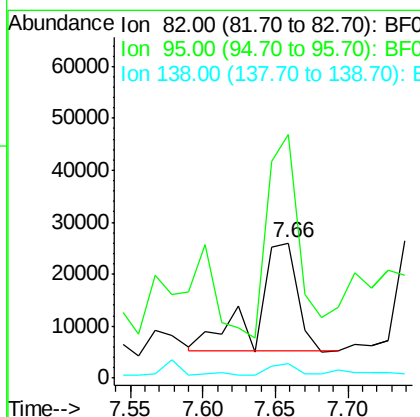
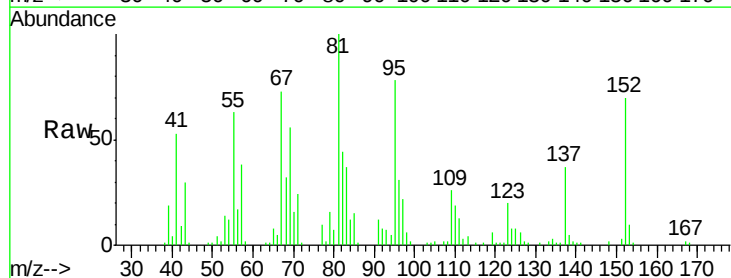
Instrument :
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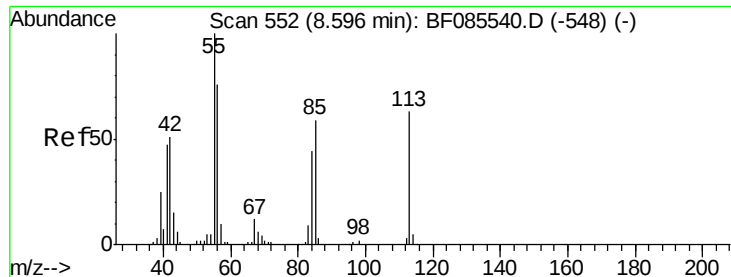
Tgt Ion	Ratio	Lower	Upper
77	100		
123	9.4	35.0	52.4#
65	61.4	10.6	16.0#



#25
 Isophorone
 Concen: 3.14 ng
 RT: 7.66 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF085644.D
 Acq: 22 Mar 2016 3:54

Tgt Ion	Ratio	Lower	Upper
82	100		
95	179.9	5.4	8.2#
138	10.7	12.9	19.3#

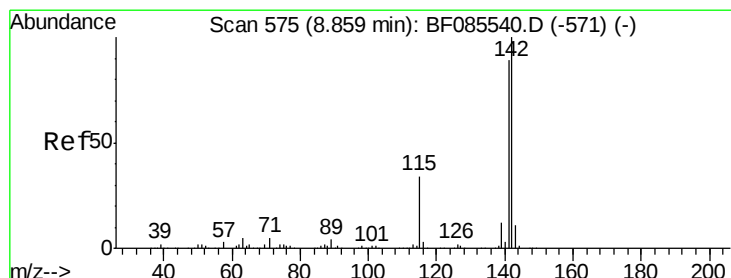
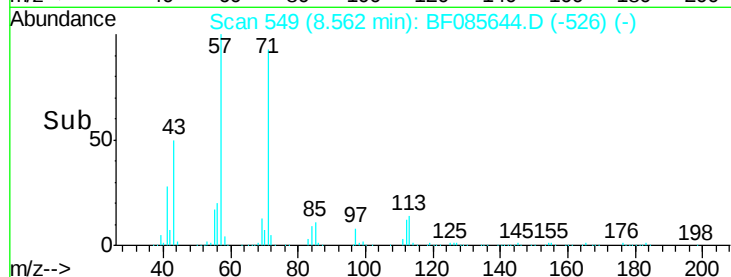
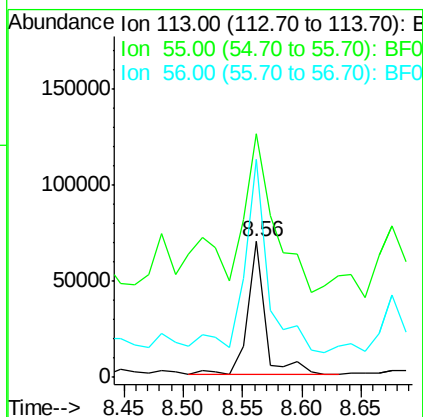
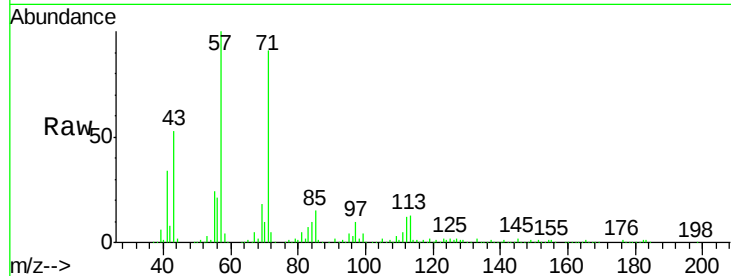




#35
 Caprolactam
 Concen: 40.20 ng
 RT: 8.56 min Scan# 549
 Delta R.T. -0.03 min
 Lab File: BF085644.D
 Acq: 22 Mar 2016 3:54

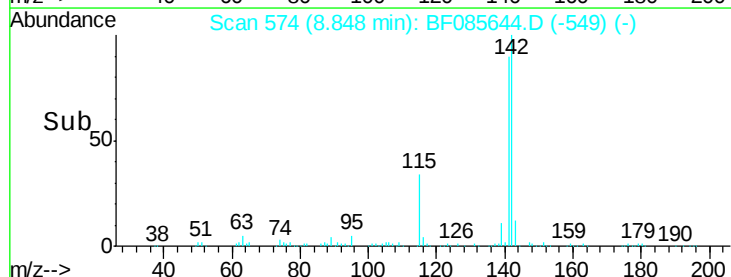
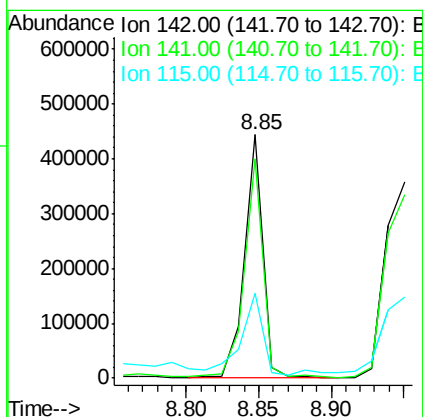
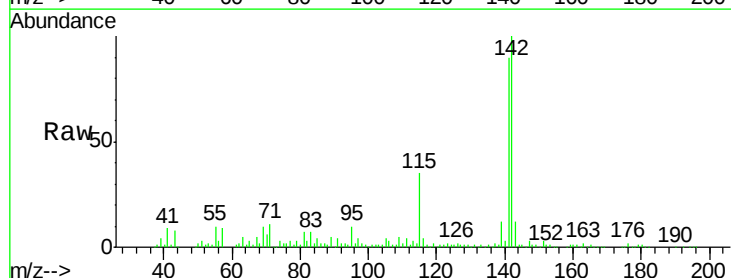
Instrument :
 BNA_F
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 PJ-SB-13-23.0-25.0

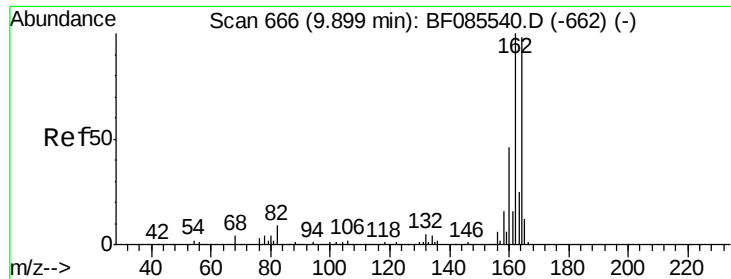
Tgt Ion:113 Resp: 70818
 Ion Ratio Lower Upper
 113 100
 55 179.5 139.4 179.4#
 56 160.8 100.4 140.4#



#37
 2-Methylnaphthalene
 Concen: 33.36 ng
 RT: 8.85 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF085644.D
 Acq: 22 Mar 2016 3:54

Tgt Ion:142 Resp: 386089
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.6 107.4
 115 34.8 26.8 40.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

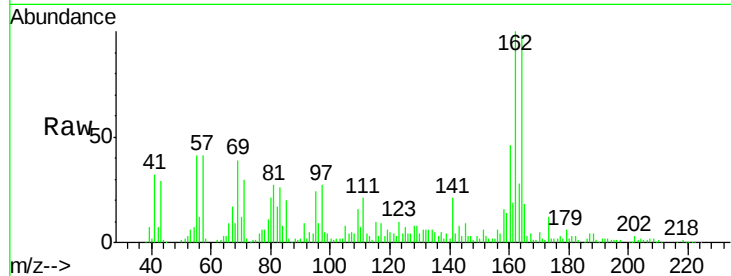
Tgt Ion:164 Resp: 165452

Ion Ratio Lower Upper

164 100

162 101.7 82.1 123.1

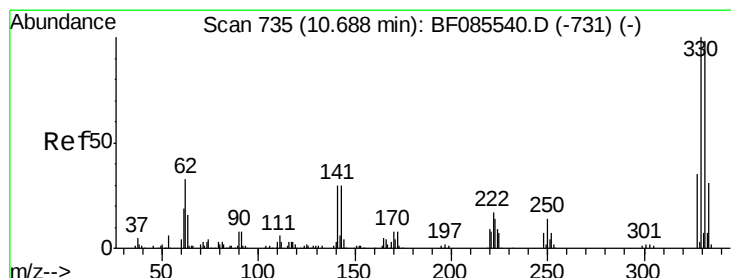
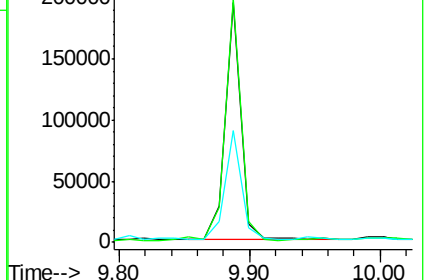
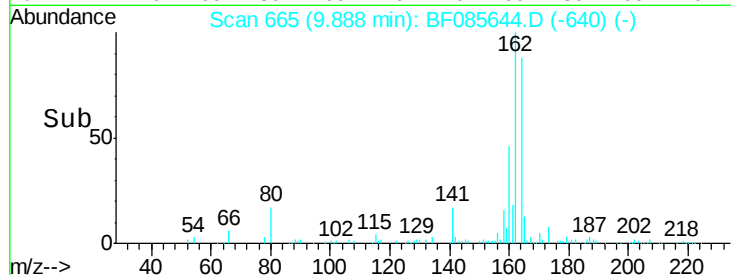
160 46.7 37.4 56.2



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: 125.59 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

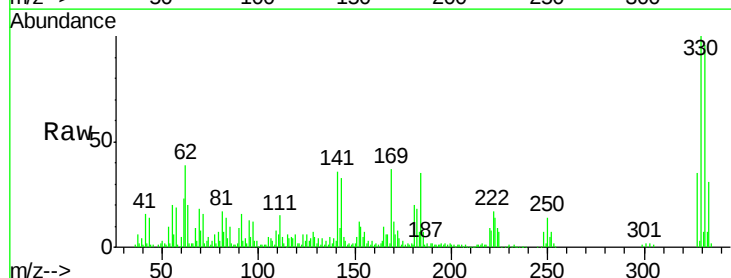
Tgt Ion:330 Resp: 203538

Ion Ratio Lower Upper

330 100

332 96.1 78.2 117.2

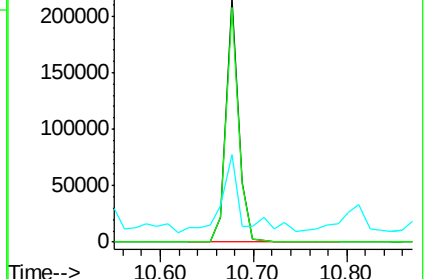
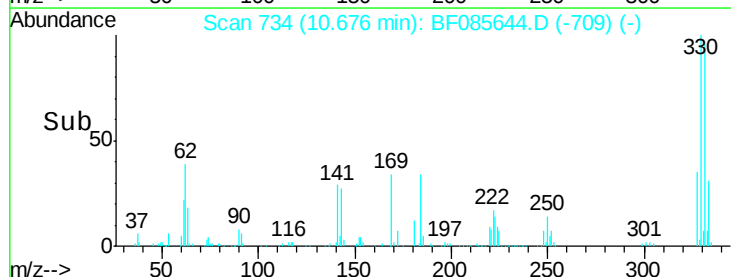
141 39.7 31.5 47.3

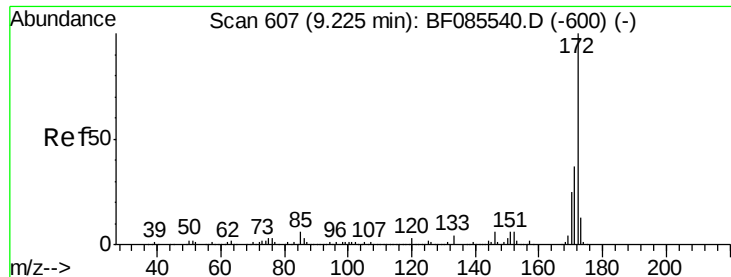


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 113.05 ng

RT: 9.21 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

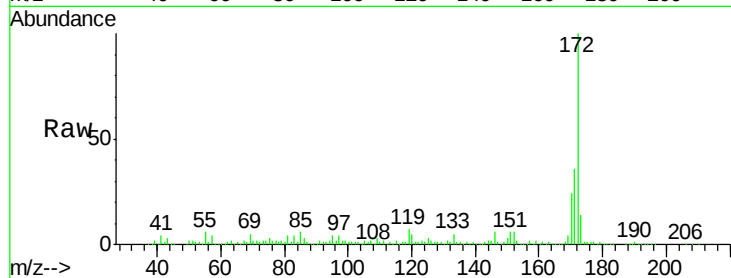
Tgt Ion:172 Resp: 1006964

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.2

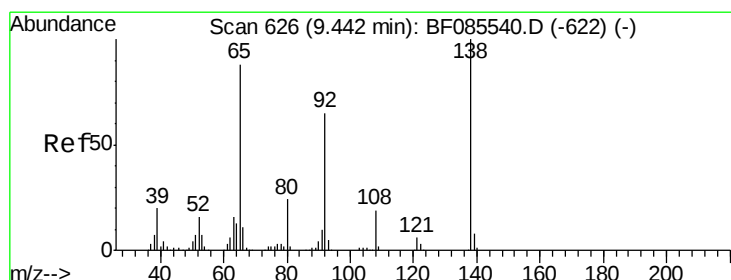
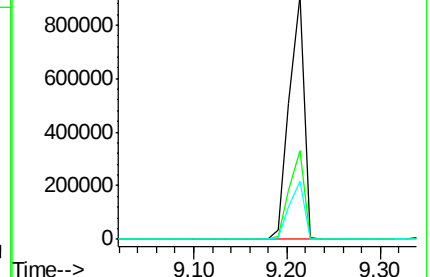
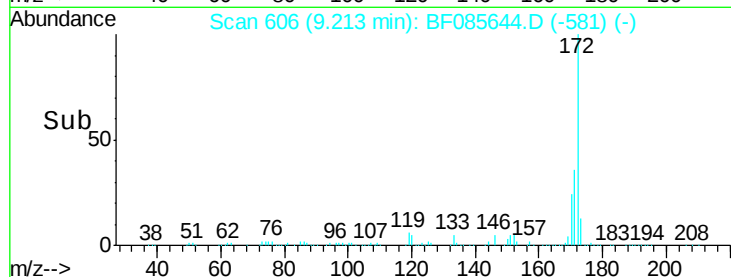
170 23.9 19.8 29.6



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



#47

2-Nitroaniline

Concen: 2.63 ng

RT: 9.48 min Scan# 629

Delta R.T. 0.03 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

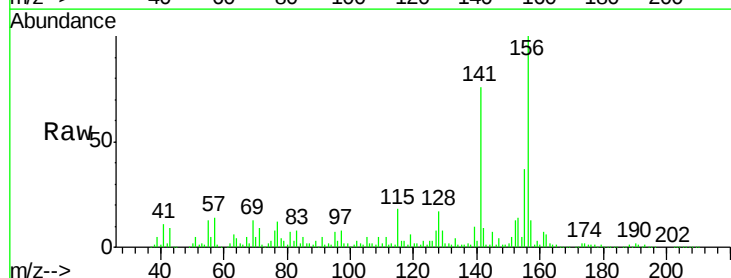
Tgt Ion: 65 Resp: 8284

Ion Ratio Lower Upper

65 100

92 33.5 59.7 89.5#

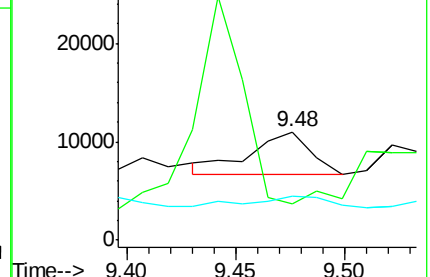
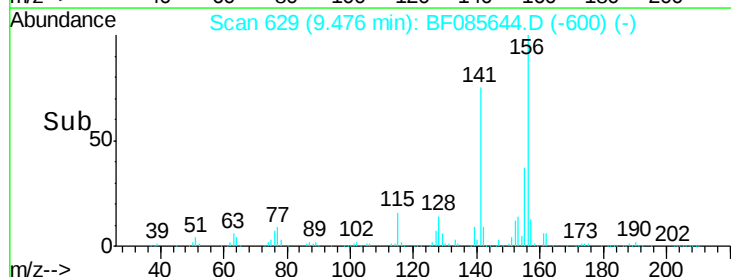
138 39.9 91.4 137.0#

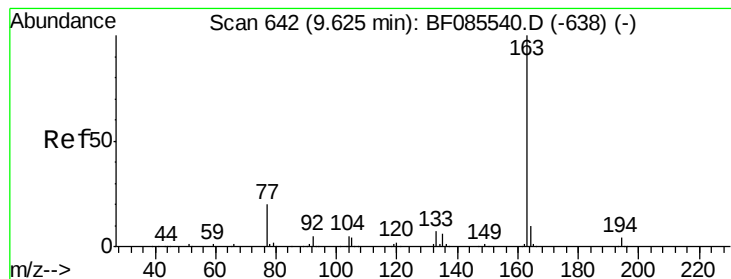


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 14.33 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

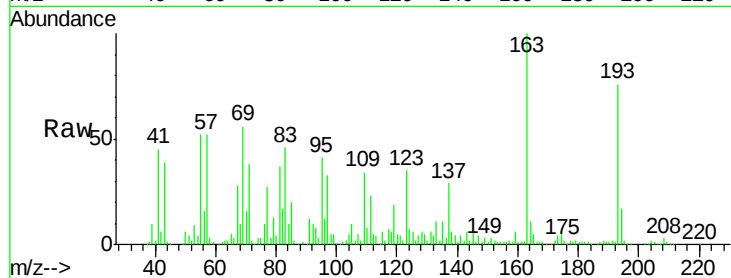
Tgt Ion:163 Resp: 178876

Ion Ratio Lower Upper

163 100

194 16.6 2.9 4.3#

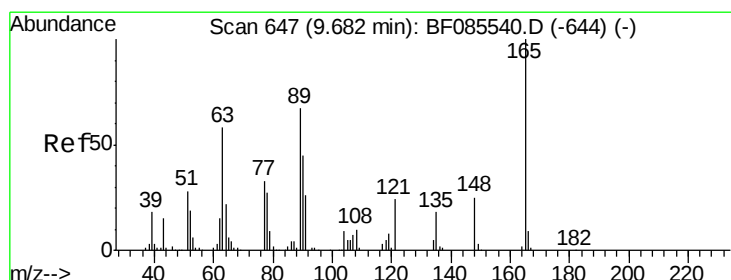
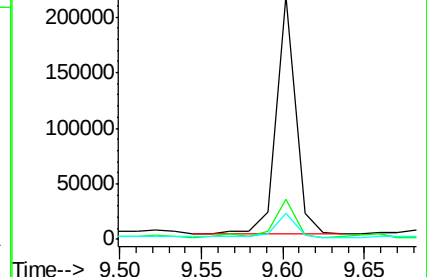
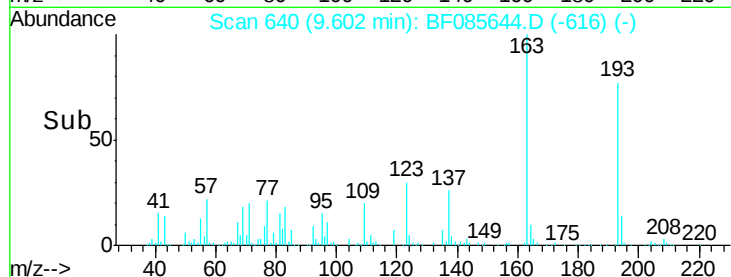
164 10.8 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 2.75 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

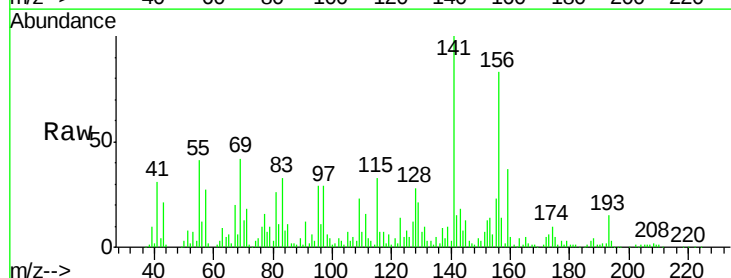
Tgt Ion:165 Resp: 7237

Ion Ratio Lower Upper

165 100

63 167.5 51.8 77.8#

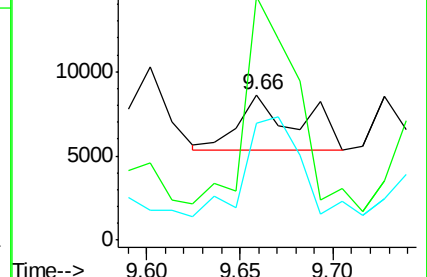
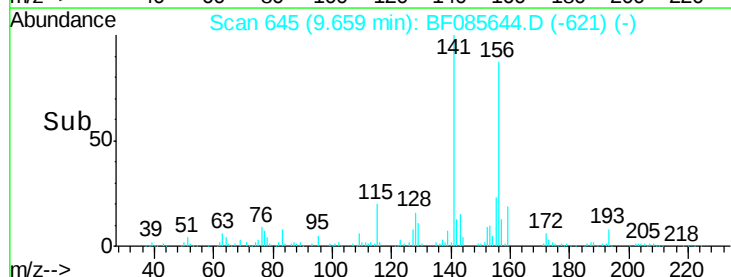
89 80.4 53.7 80.5

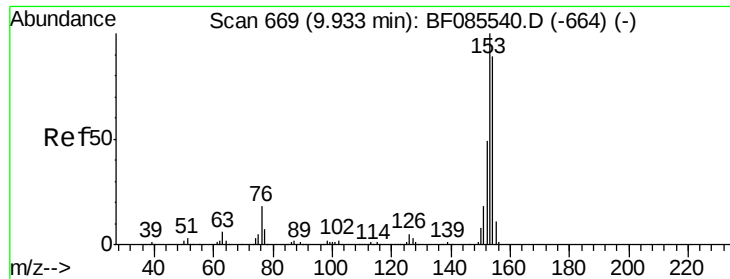


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 4.83 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

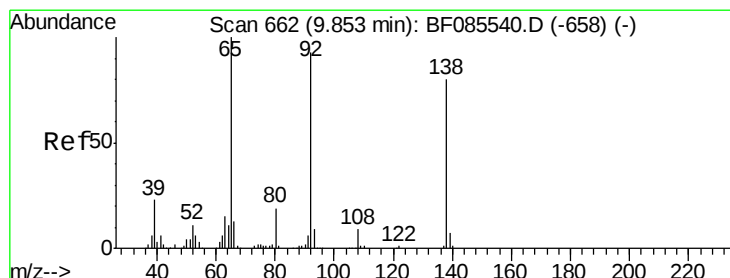
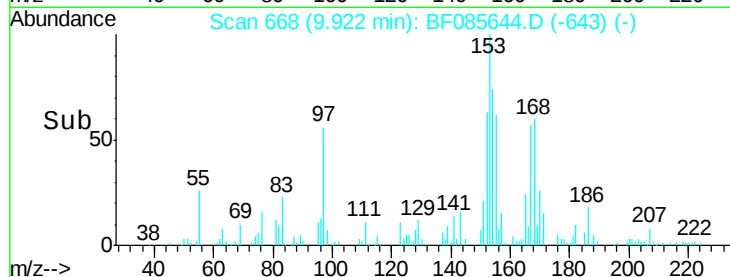
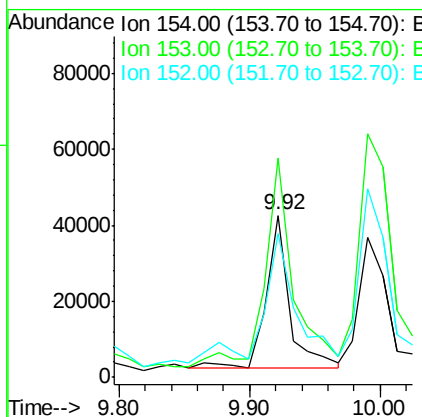
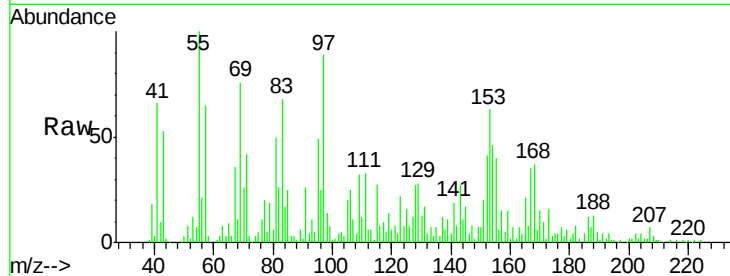
Tgt Ion:154 Resp: 51185

Ion Ratio Lower Upper

154 100

153 135.5 90.1 135.1#

152 88.5 44.2 66.2#



#52

3-Nitroaniline

Concen: 3.36 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

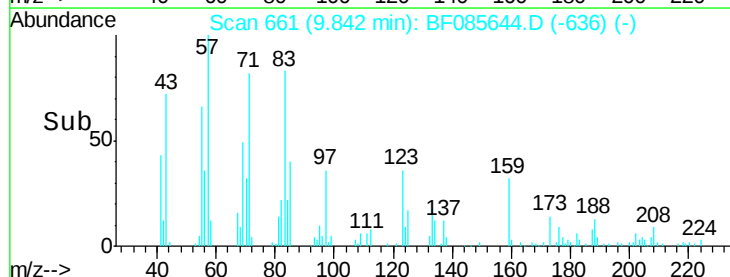
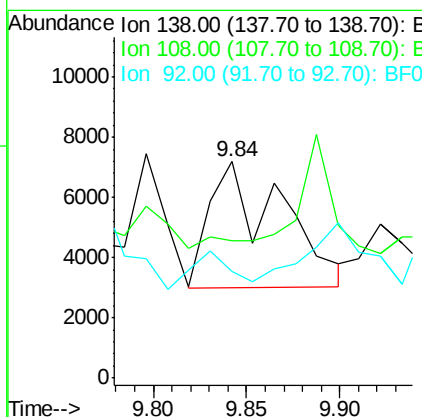
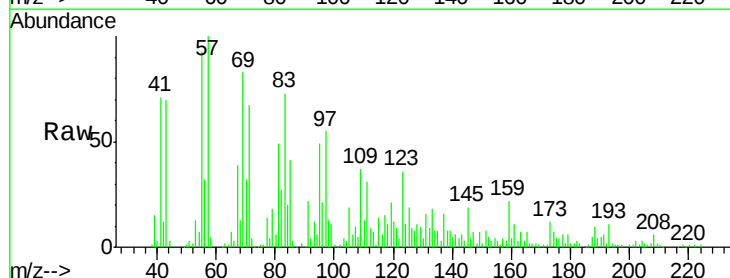
Tgt Ion:138 Resp: 11103

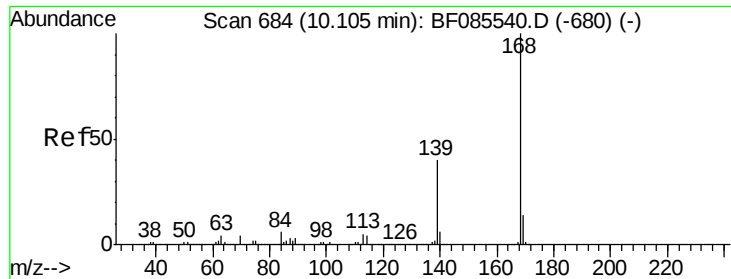
Ion Ratio Lower Upper

138 100

108 63.6 8.7 13.1#

92 49.5 93.3 139.9#





#54

Dibenzofuran

Concen: 3.92 ng

RT: 10.09 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

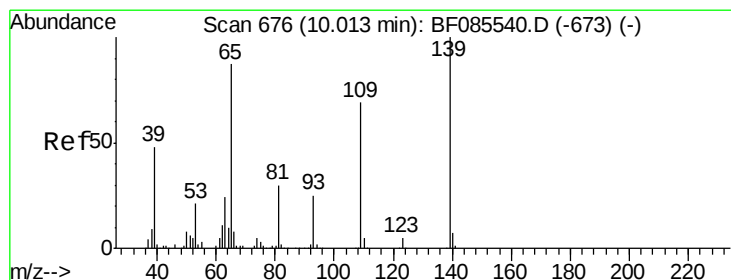
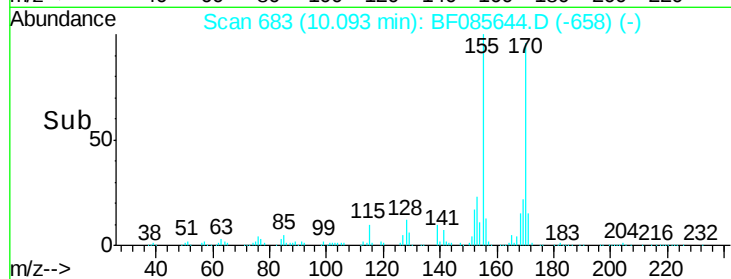
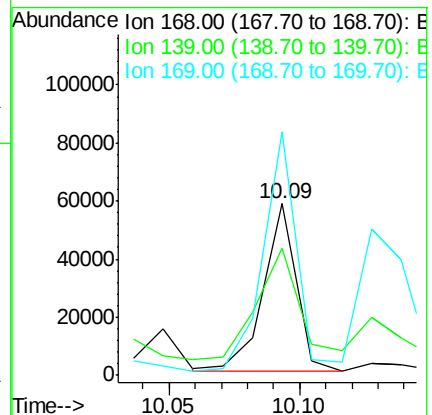
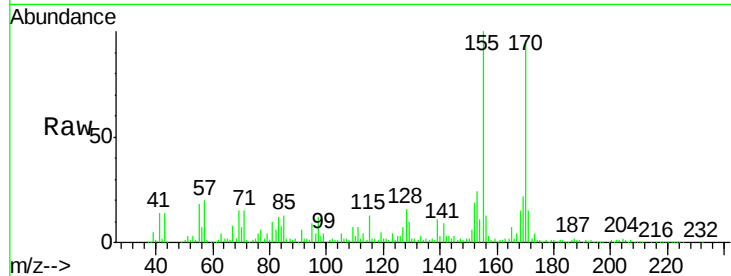
Tgt Ion:168 Resp: 50572

Ion Ratio Lower Upper

168 100

139 74.3 31.9 47.9#

169 142.0 11.0 16.6#



#55

4-Nitrophenol

Concen: 13.45 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

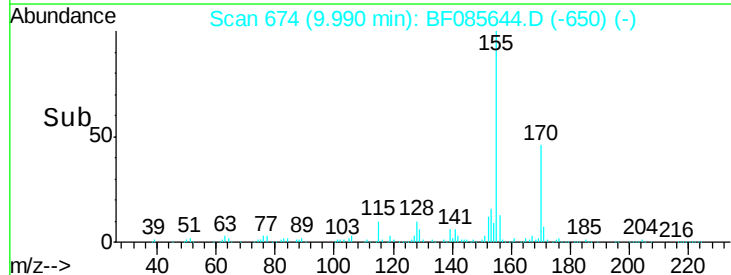
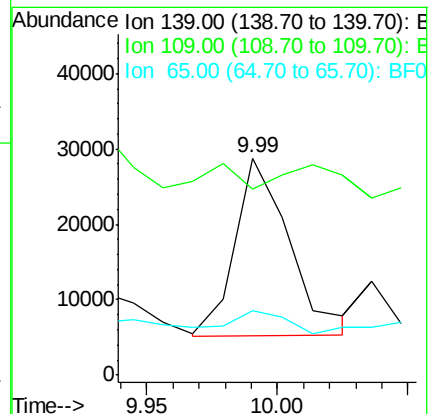
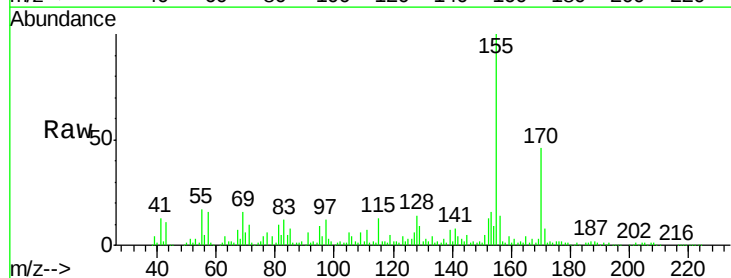
Tgt Ion:139 Resp: 34325

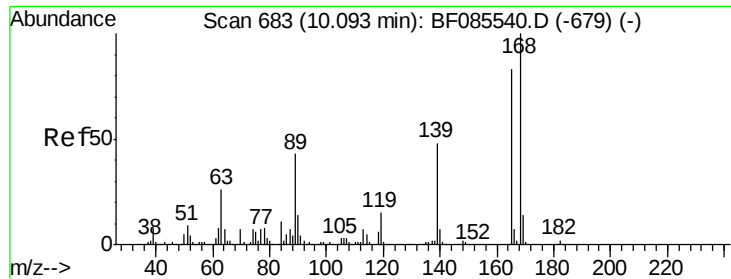
Ion Ratio Lower Upper

139 100

109 85.4 49.2 89.2

65 29.5 66.9 106.9#





#56

2,4-Dinitrotoluene

Concen: 6.54 ng

RT: 10.09 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

Tgt Ion:165 Resp: 22561

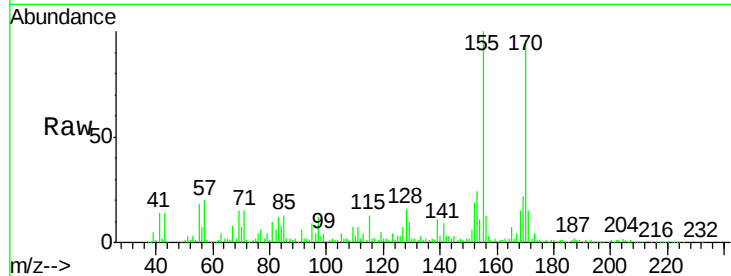
Ion Ratio Lower Upper

165 100

63 58.0 24.9 37.3#

89 33.6 41.0 61.6#

182 16.0 2.1 3.1#

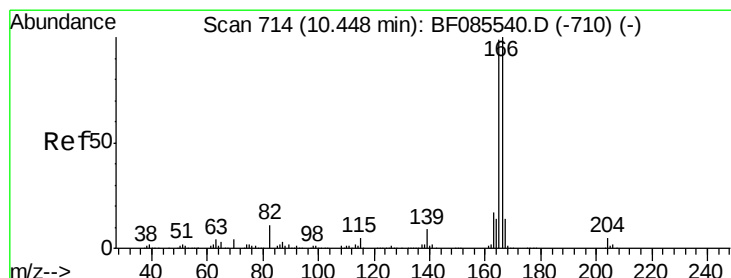
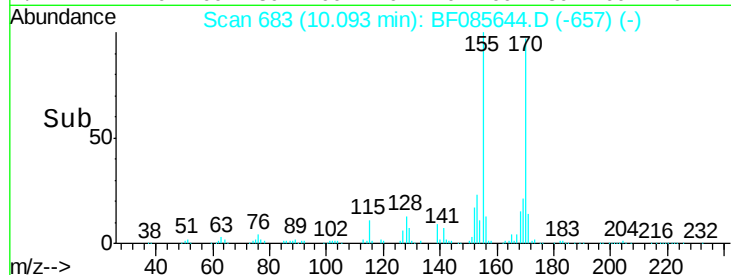
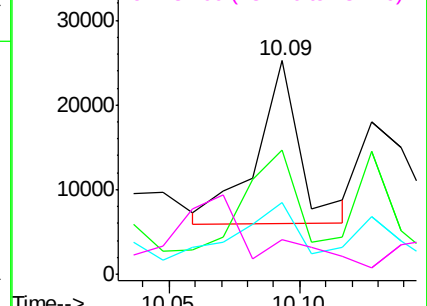


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 8.68 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

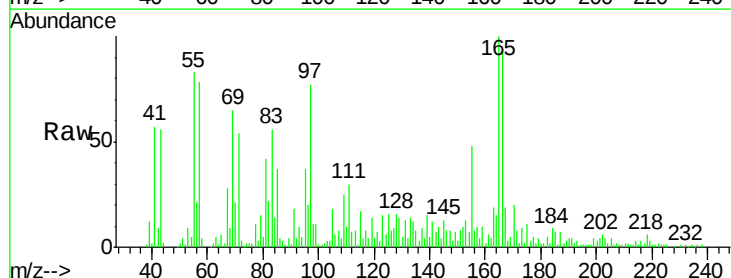
Tgt Ion:166 Resp: 93240

Ion Ratio Lower Upper

166 100

165 108.5 79.4 119.0

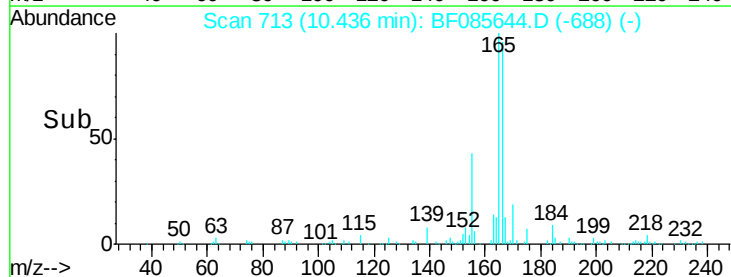
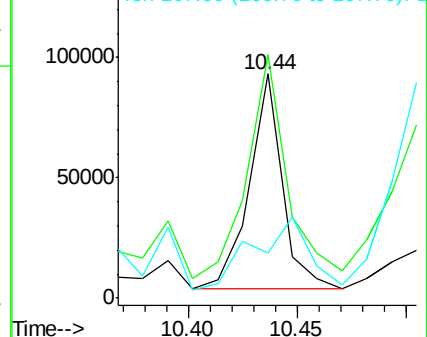
167 20.2 11.0 16.4#

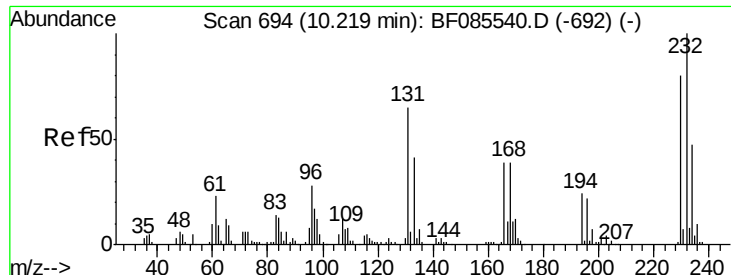


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

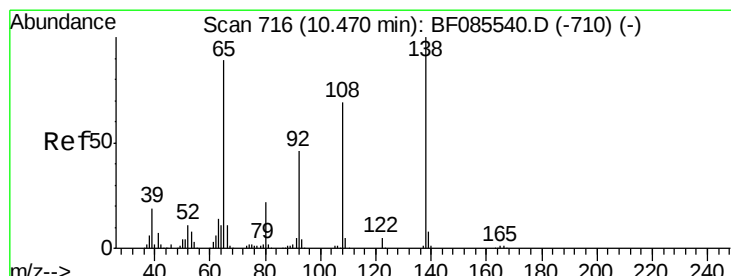
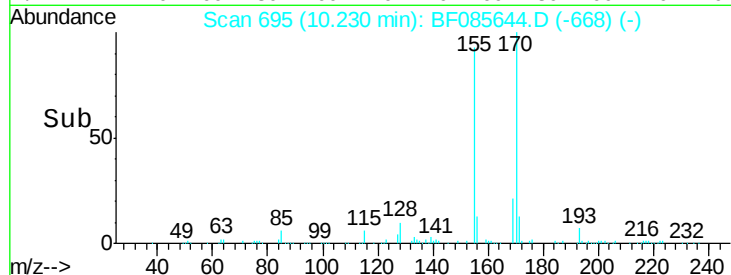
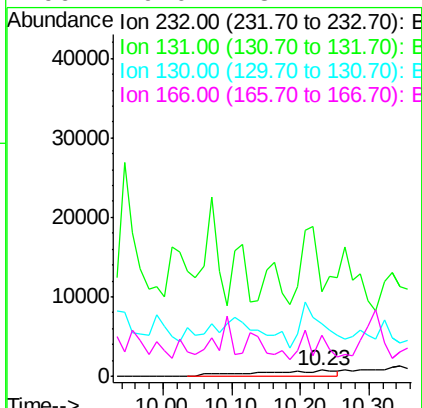
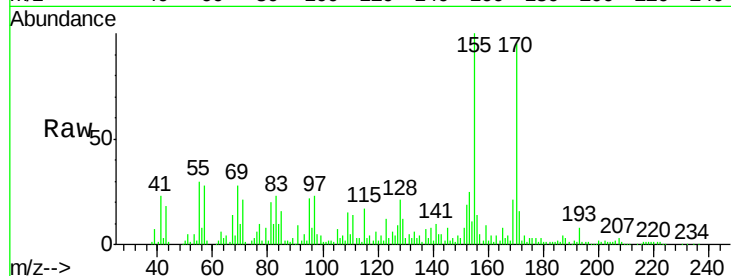




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.27 ng
 RT: 10.23 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: BF085644.D
 Acq: 22 Mar 2016 3:54

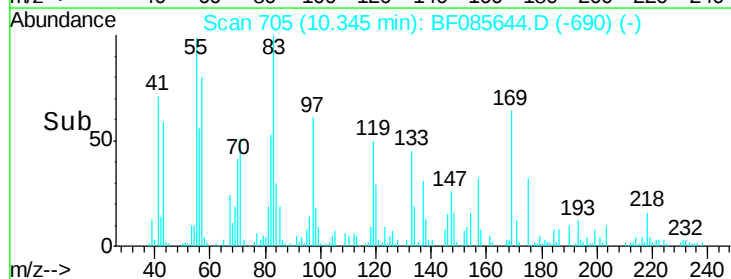
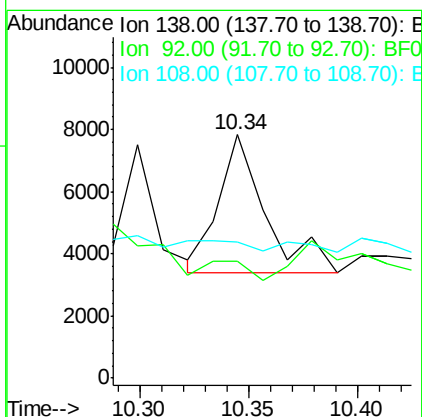
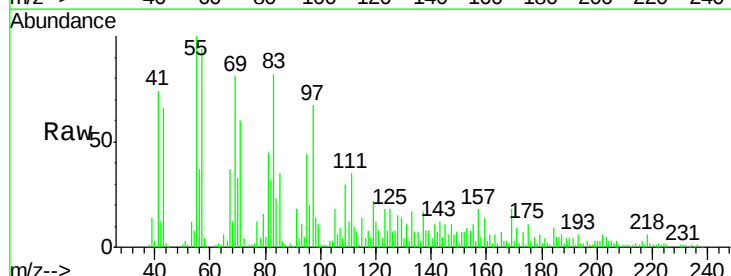
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-13-23.0-25.0

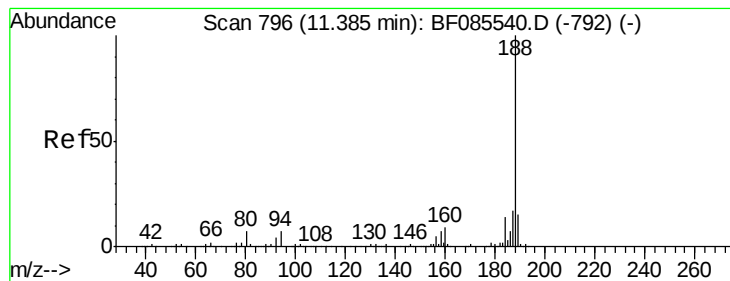
Tgt Ion:232 Resp: 5725
 Ion Ratio Lower Upper
 232 100
 131 362.7 44.9 67.3#
 130 0.0 2.3 3.5#
 166 0.0 28.1 42.1#



#61
 4-Nitroaniline
 Concen: 2.03 ng
 RT: 10.34 min Scan# 705
 Delta R.T. -0.13 min
 Lab File: BF085644.D
 Acq: 22 Mar 2016 3:54

Tgt Ion:138 Resp: 6611
 Ion Ratio Lower Upper
 138 100
 92 48.1 26.4 66.4
 108 55.8 49.0 89.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

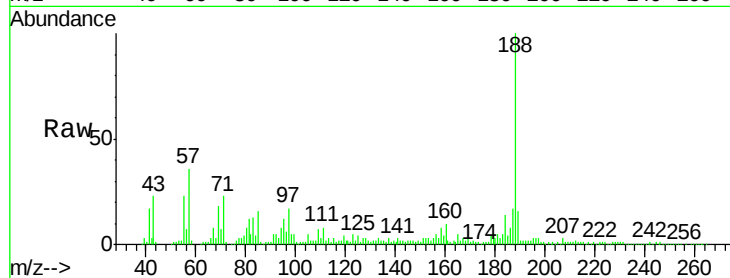
Tgt Ion:188 Resp: 258580

Ion Ratio Lower Upper

188 100

94 8.0 5.4 8.0

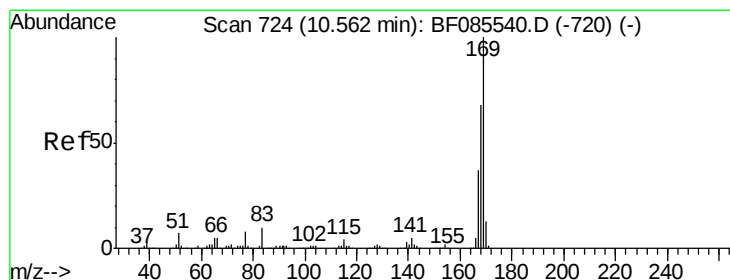
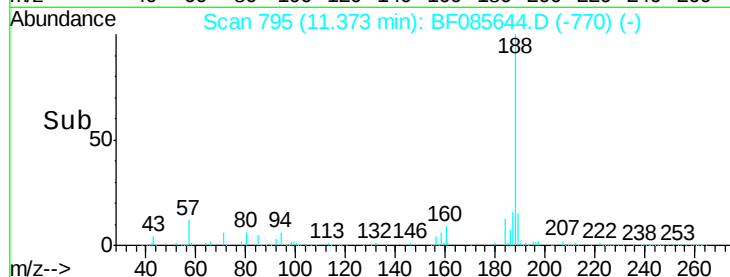
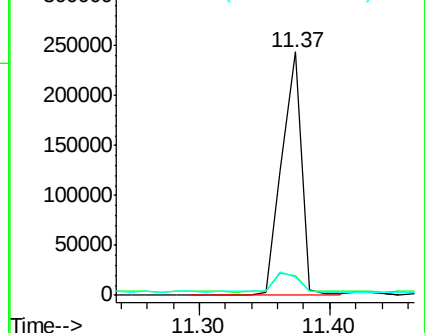
80 7.8 5.5 8.3



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



#65

n-Nitrosodiphenylamine

Concen: 28.27 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

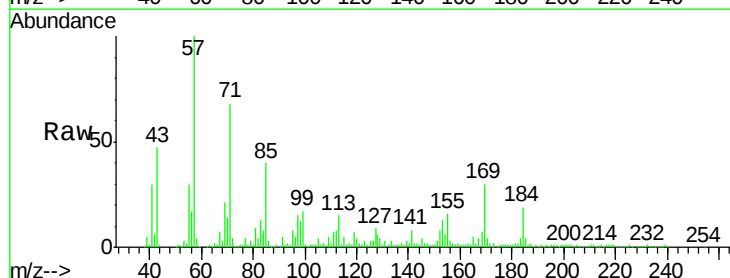
Tgt Ion:169 Resp: 227712

Ion Ratio Lower Upper

169 100

168 21.5 54.4 81.6#

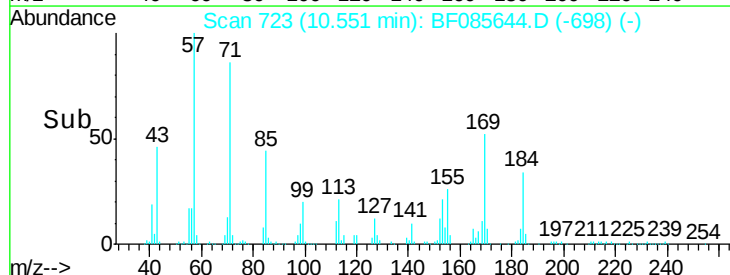
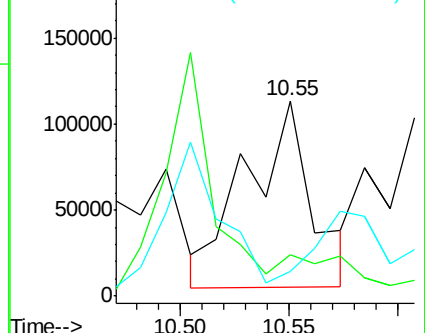
167 12.8 29.4 44.0#

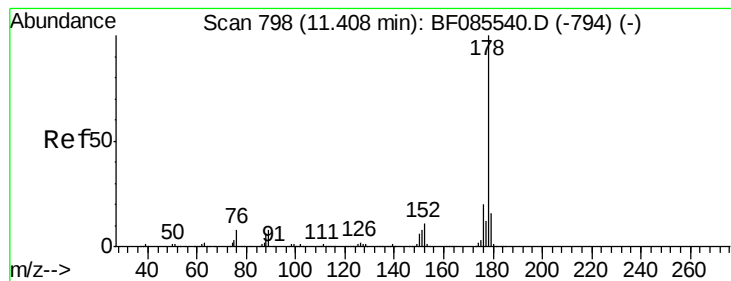


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 20.12 ng

RT: 11.40 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

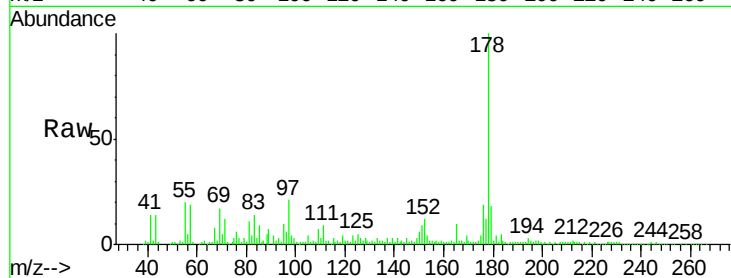
Tgt Ion:178 Resp: 274358

Ion Ratio Lower Upper

178 100

176 19.4 16.3 24.5

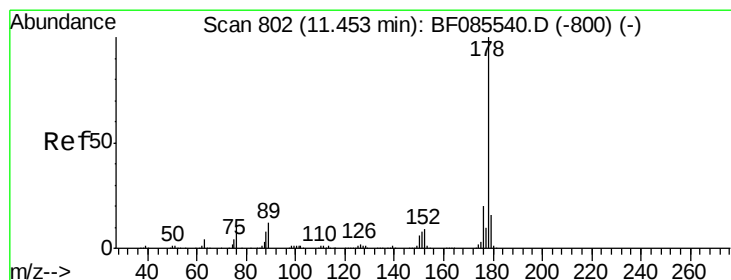
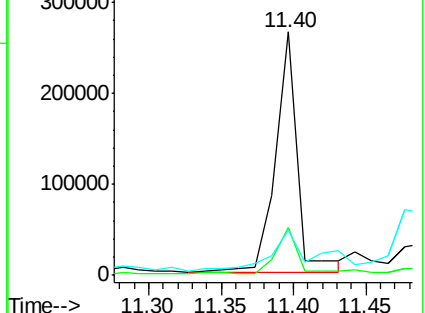
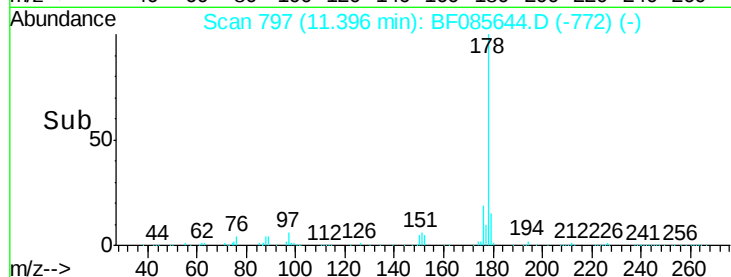
179 18.4 12.6 18.8



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



#71

Anthracene

Concen: 19.19 ng

RT: 11.40 min Scan# 797

Delta R.T. -0.06 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

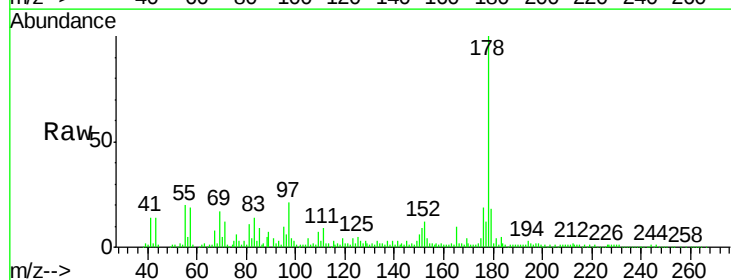
Tgt Ion:178 Resp: 274358

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

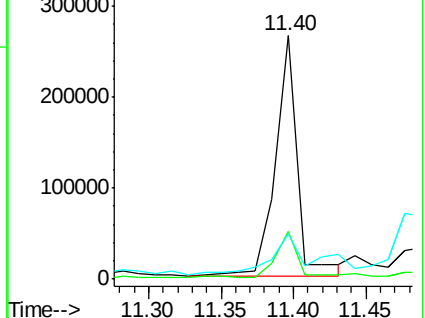
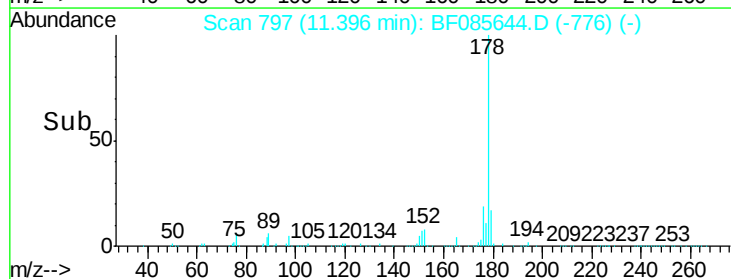
179 18.4 13.0 19.4

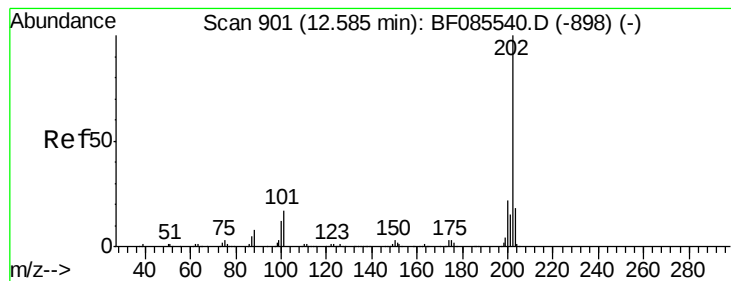


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.55 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

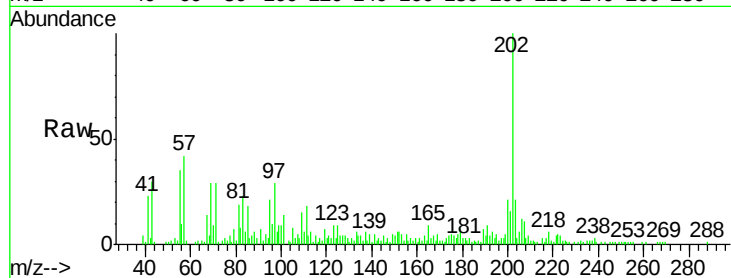
Tgt Ion:202 Resp: 36396

Ion Ratio Lower Upper

202 100

101 14.1 0.0 36.6

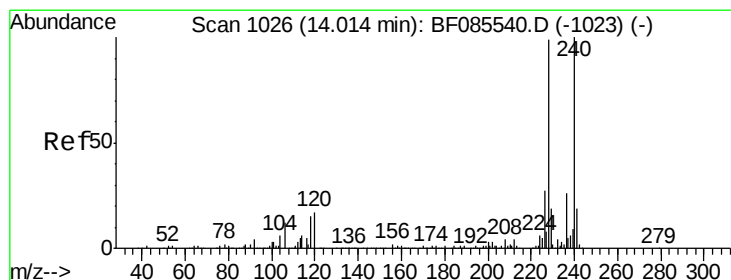
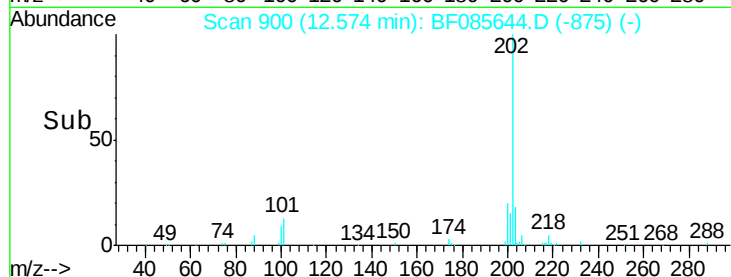
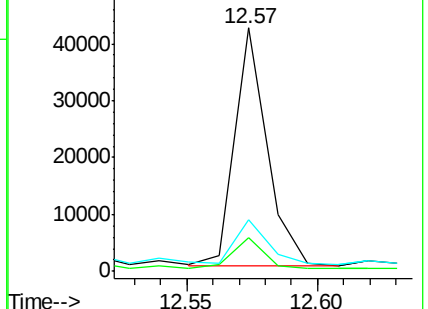
203 21.0 0.0 38.1



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: BF085644.D

Acq: 22 Mar 2016 3:54

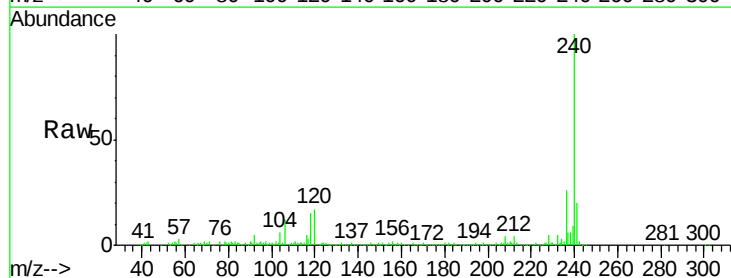
Tgt Ion:240 Resp: 206762

Ion Ratio Lower Upper

240 100

120 16.7 13.8 20.8

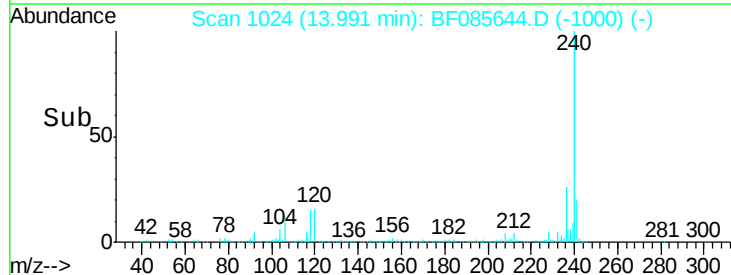
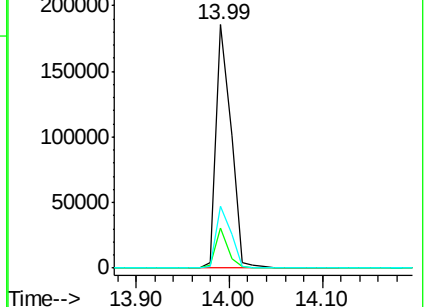
236 25.6 20.6 30.8

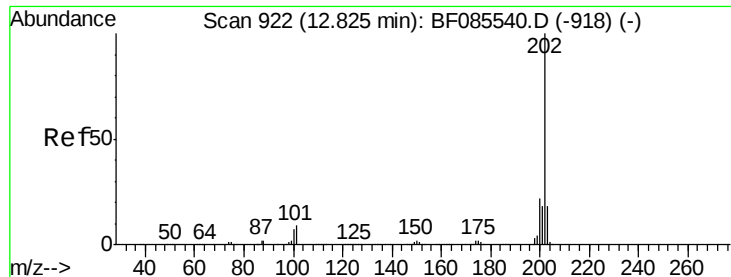


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.36 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

Instrument :

BNA_F

ClientSampleId :

PJ-SB-13-23.0-25.0

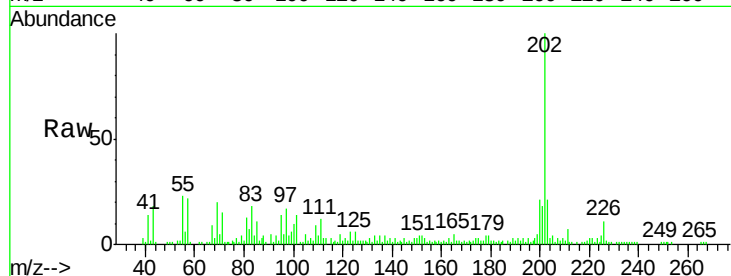
Tgt Ion:202 Resp: 49938

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

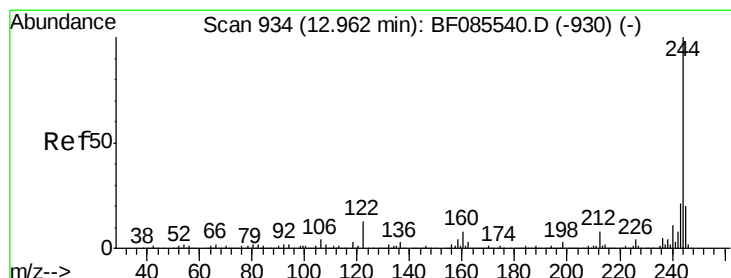
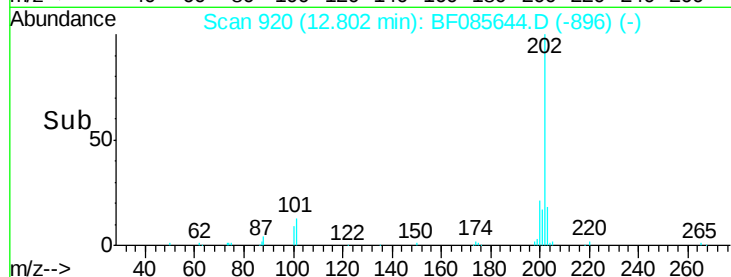
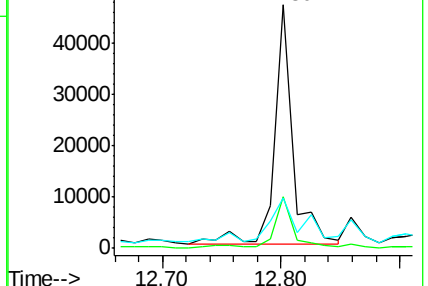
203 20.8 14.0 21.0



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: 79.62 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085644.D

Acq: 22 Mar 2016 3:54

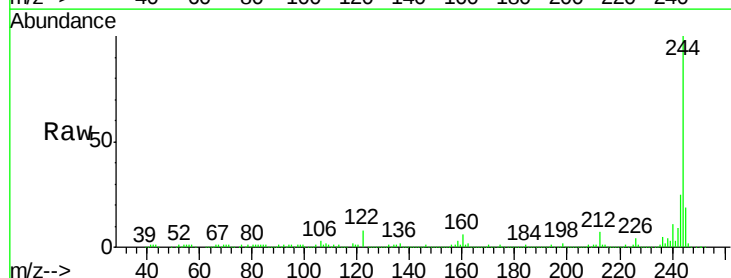
Tgt Ion:244 Resp: 684135

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

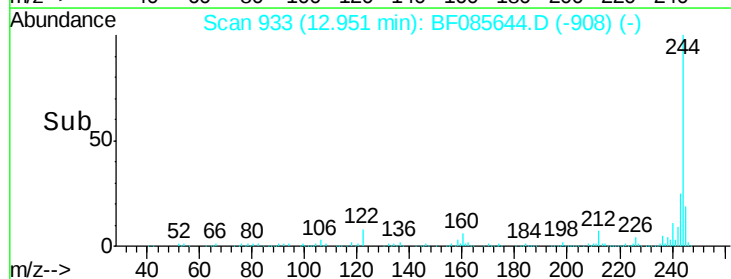
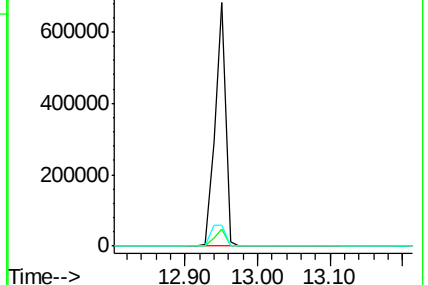
122 8.5 10.2 15.4#

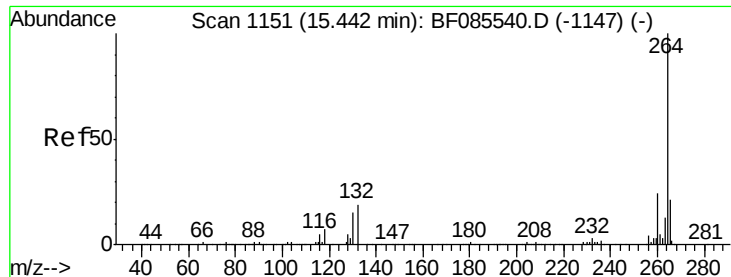


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085644.D
Acq: 22 Mar 2016 3:54

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-23.0-25.0

Tgt Ion: 264 Resp: 225823
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.1 17.2 25.8

