

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082603.D
 Acq On : 31 Oct 2015 6:23
 Operator : UM/IZ
 Sample : G4177-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-12

Quant Time: Nov 02 05:06:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

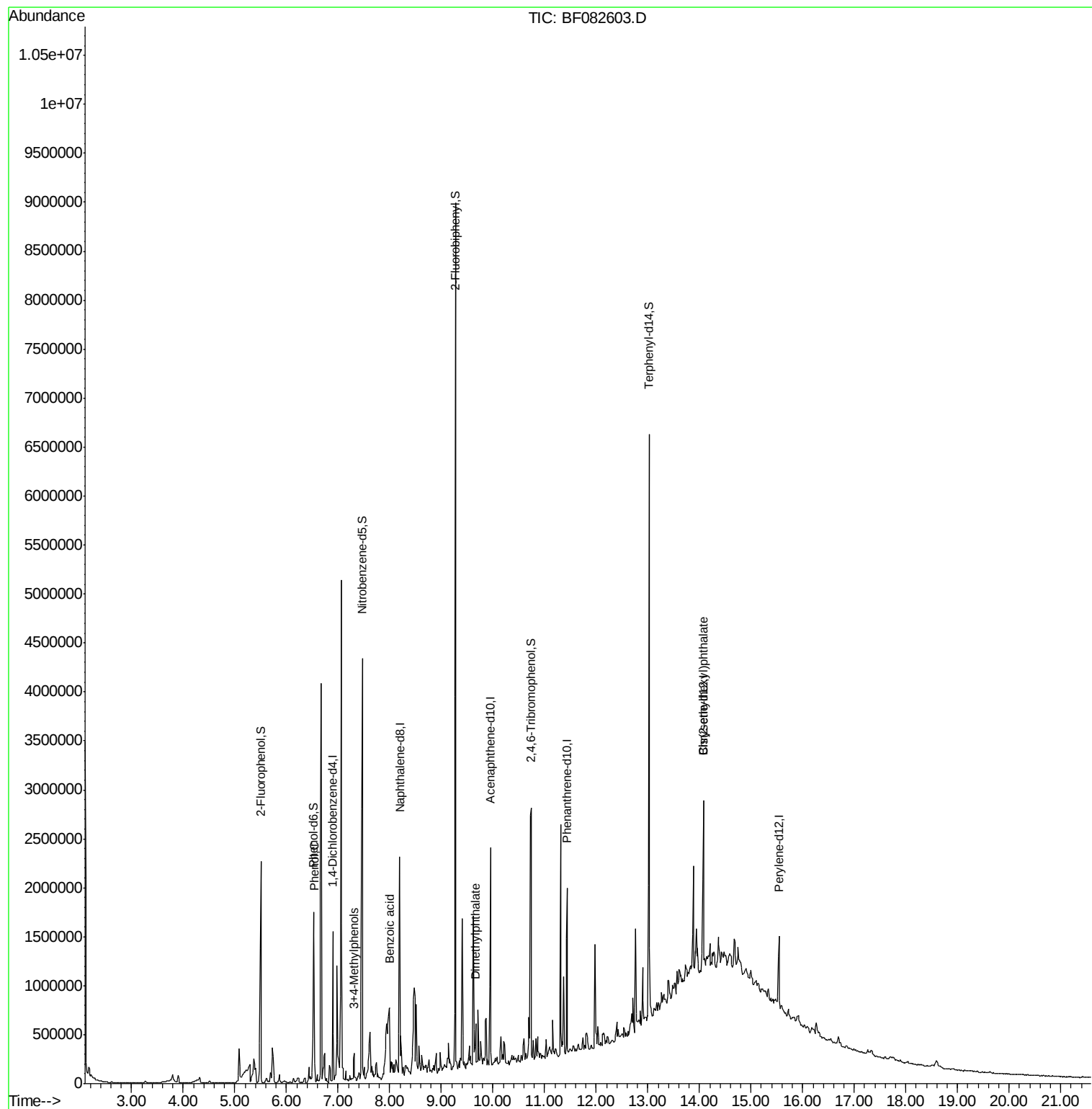
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	205197	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	842773	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	428645	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	744334	20.00	ng	0.00
75) Chrysene-d12	14.08	240	534803	20.00	ng	0.00
86) Perylene-d12	15.54	264	387987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	582227	42.74	ng	0.00
7) Phenol-d6	6.52	99	474562	26.22	ng	-0.01
23) Nitrobenzene-d5	7.47	82	1798786	87.16	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	433939	92.50	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2629549	87.10	ng	0.00
78) Terphenyl-d14	13.03	244	1621582	66.36	ng	0.00
Target Compounds						
10) Phenol	6.53	94	325422	15.87	ng	Qvalue 99
20) 3+4-Methylphenols	7.31	107	57840	3.55	ng	# 71
32) Benzoic acid	8.00	122	456558	42.31	ng	89
49) Dimethylphthalate	9.66	163	143696	4.10	ng	96
83) Bis(2-ethylhexyl)phthalate	14.08	149	99458	4.42	ng	# 99

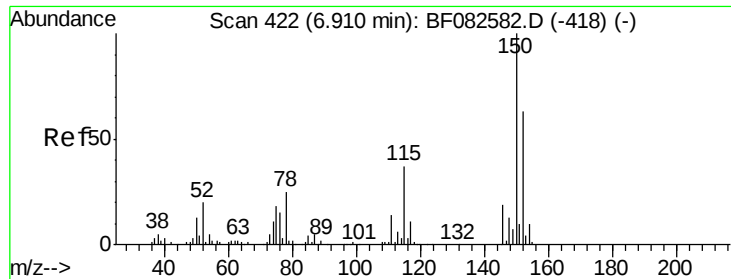
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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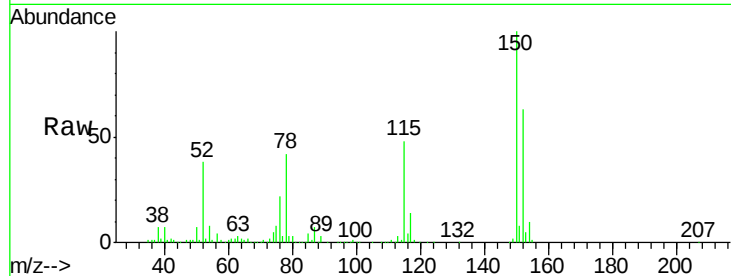


#1

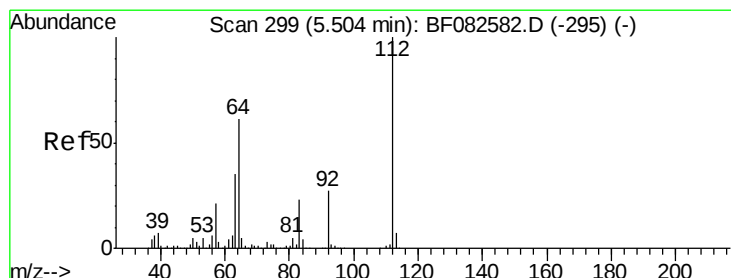
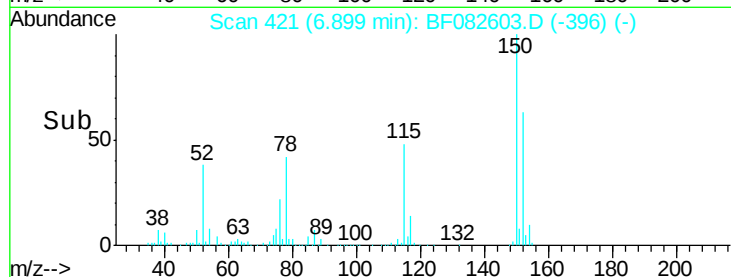
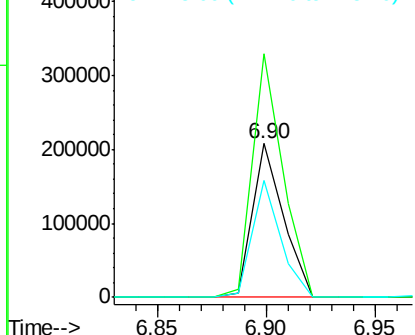
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082603.D
Acq: 31 Oct 2015 6:23

Instrument :
BNA_F
ClientSampled :
TEC-12

Tgt Ion:152 Resp: 205197
Ion Ratio Lower Upper
152 100
150 158.3 127.0 190.4
115 76.1 47.0 70.6#



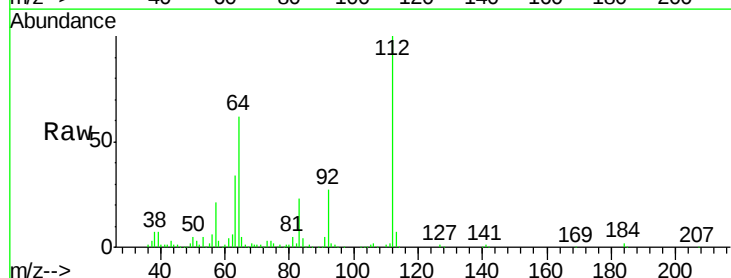
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



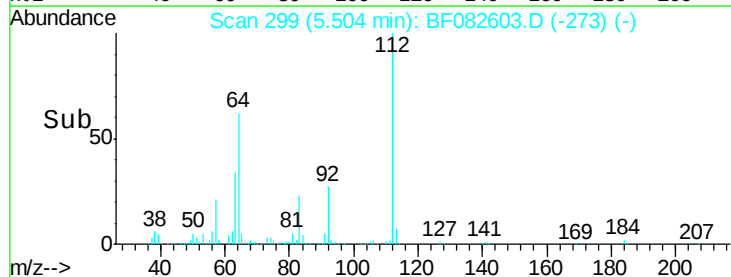
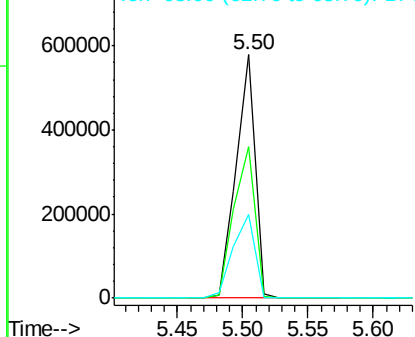
#5

2-Fluorophenol
Concen: 42.74 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.00 min
Lab File: BF082603.D
Acq: 31 Oct 2015 6:23

Tgt Ion:112 Resp: 582227
Ion Ratio Lower Upper
112 100
64 62.4 48.9 73.3
63 34.2 28.1 42.1



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: 26.22 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

Instrument :

BNA_F

ClientSampleId :

TEC-12

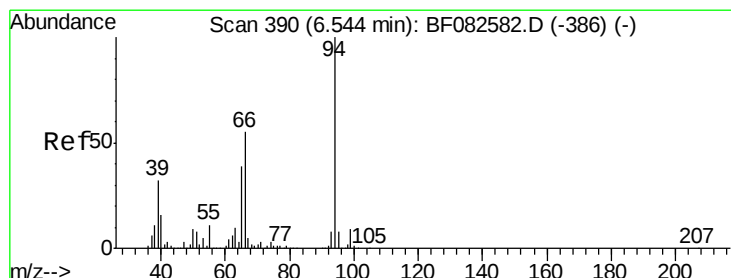
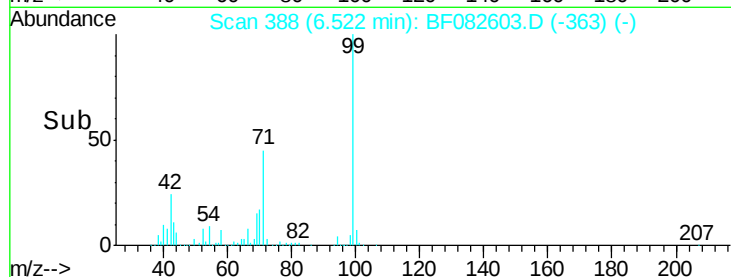
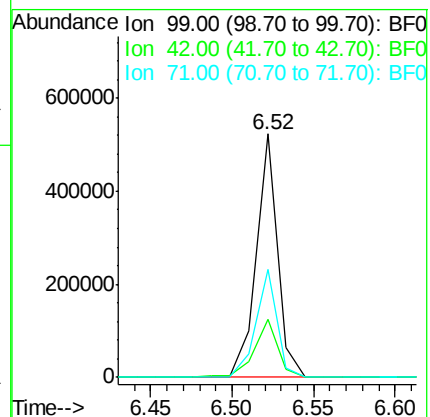
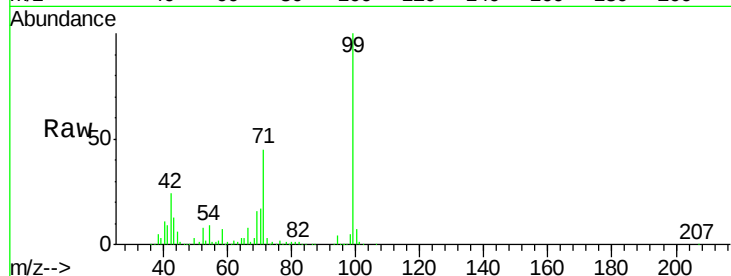
Tgt Ion: 99 Resp: 474562

Ion Ratio Lower Upper

99 100

42 24.0 19.2 28.8

71 44.5 35.0 52.4



#10

Phenol

Concen: 15.87 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

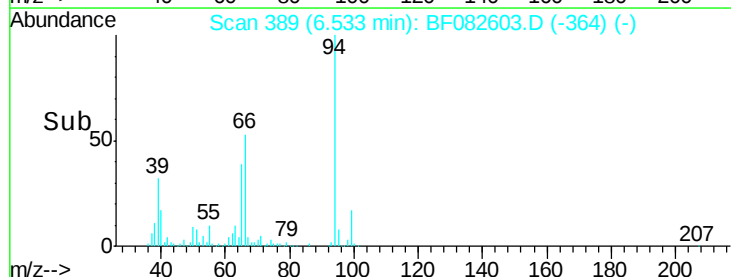
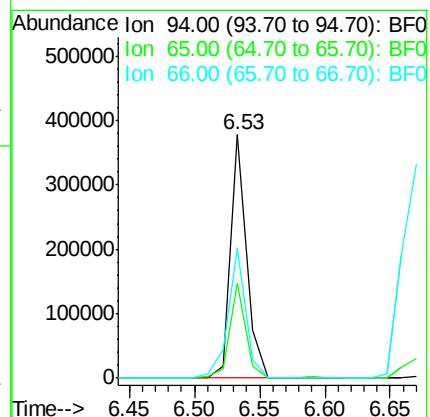
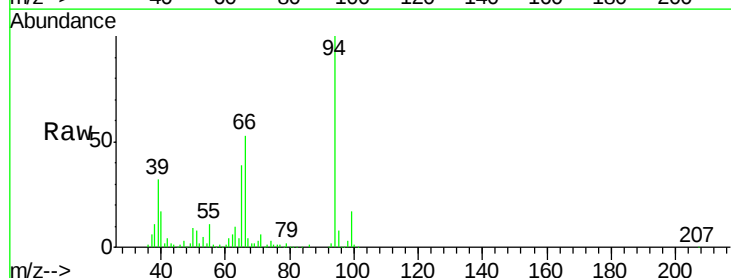
Tgt Ion: 94 Resp: 325422

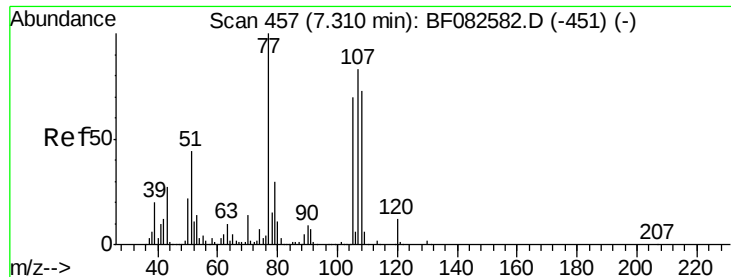
Ion Ratio Lower Upper

94 100

65 39.0 18.9 58.9

66 53.2 34.9 74.9





#20

3+4-Methylphenols

Concen: 3.55 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

Instrument :

BNA_F

ClientSampleId :

TEC-12

Tgt Ion:107 Resp: 57840

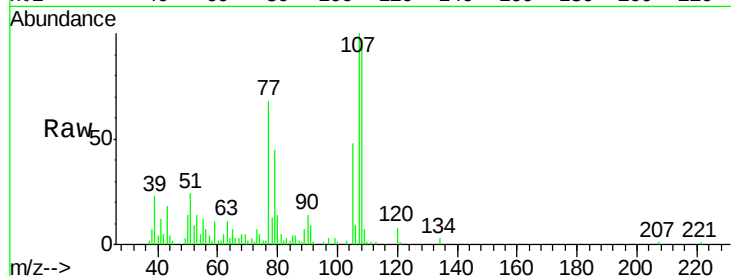
Ion Ratio Lower Upper

107 100

108 96.7 67.3 107.3

77 67.9 100.3 140.3#

79 44.8 16.2 56.2

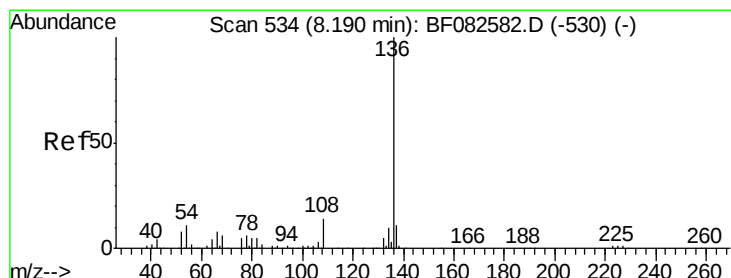
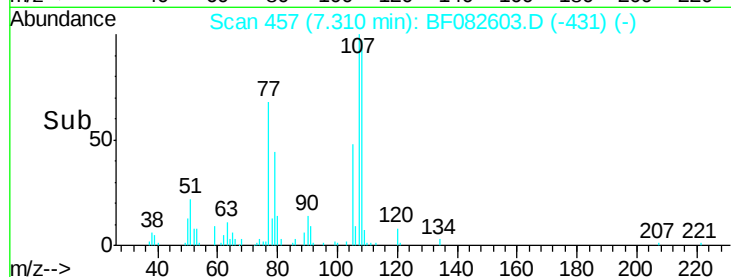
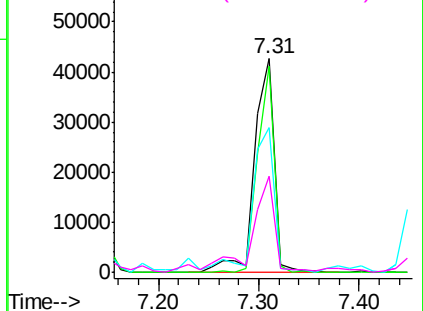


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

Tgt Ion:136 Resp: 842773

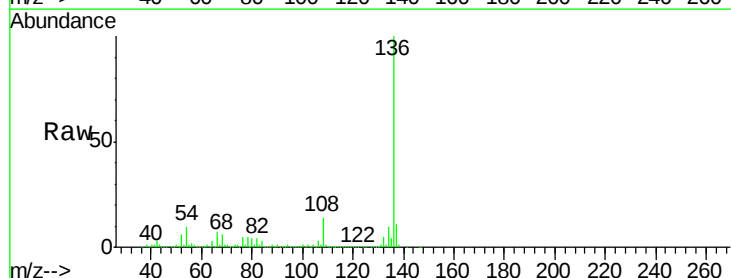
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.6 9.1 13.7

68 5.6 4.8 7.2

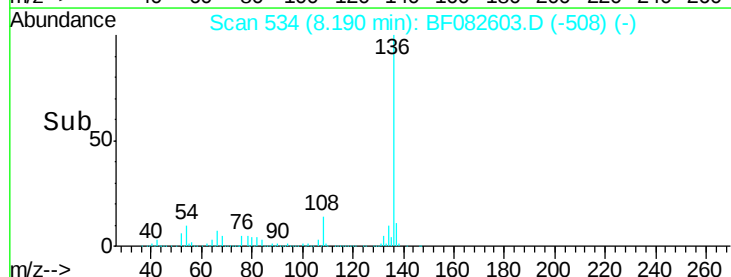
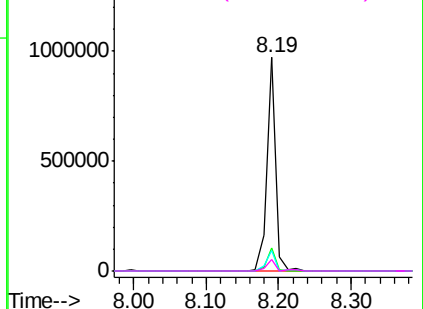


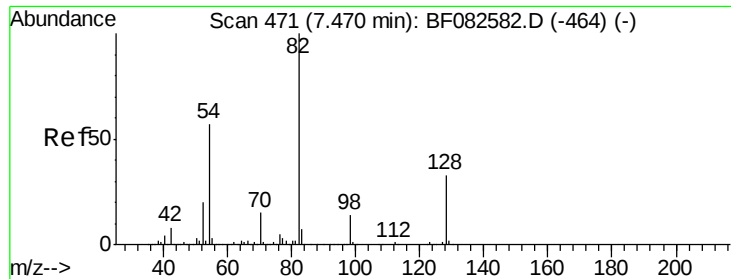
Abundance Ion 136.00 (135.70 to 136.70): E

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

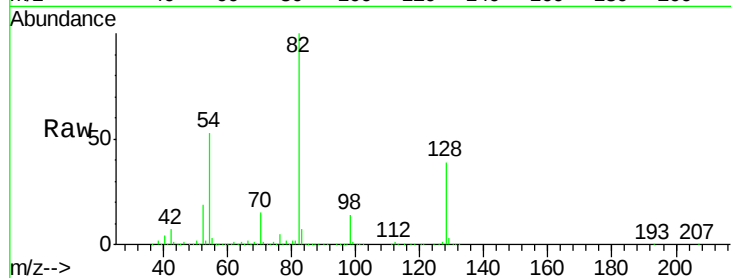




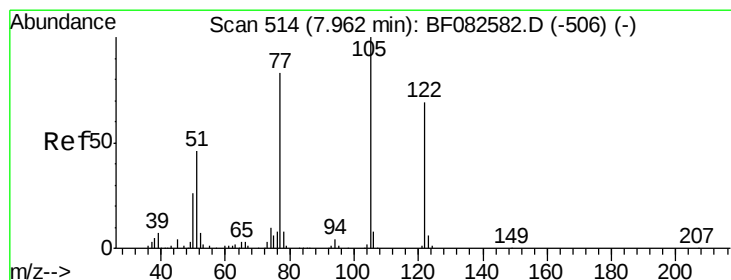
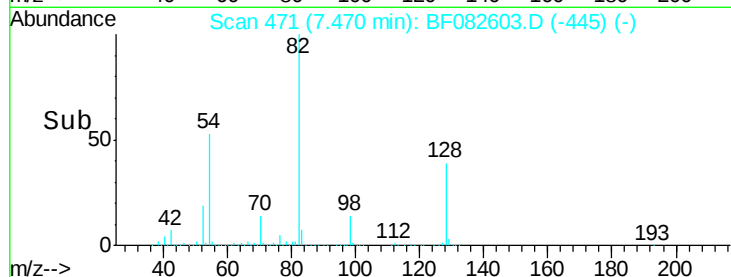
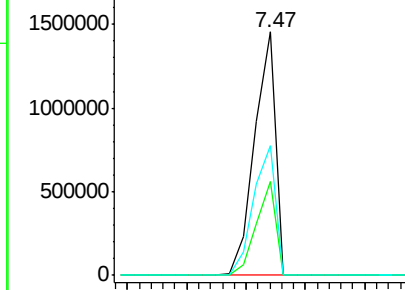
#23
 Nitrobenzene-d5
 Concen: 87.16 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF082603.D
 Acq: 31 Oct 2015 6:23

Instrument :
 BNA_F
 ClientSampleId :
 TEC-12

Tgt Ion: 82 Resp: 1798786
 Ion Ratio Lower Upper
 82 100
 128 38.6 26.8 40.2
 54 53.4 45.7 68.5

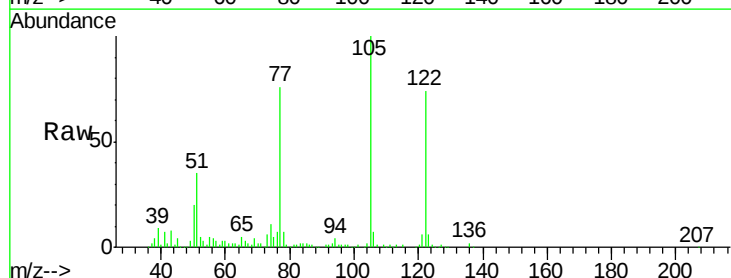


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

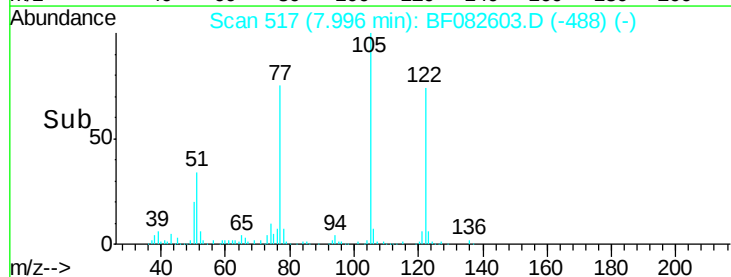
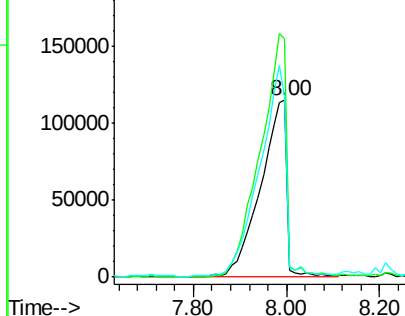


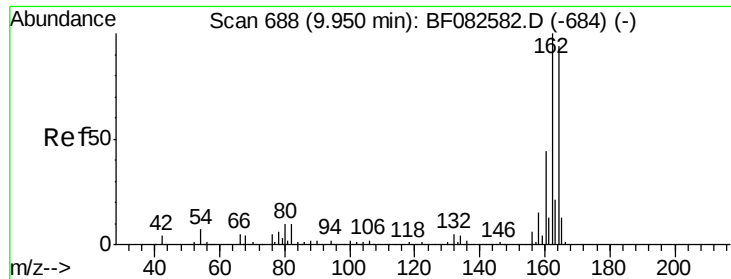
#32
 Benzoic acid
 Concen: 42.31 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.04 min
 Lab File: BF082603.D
 Acq: 31 Oct 2015 6:23

Tgt Ion: 122 Resp: 456558
 Ion Ratio Lower Upper
 122 100
 105 135.4 122.6 162.6
 77 102.6 100.9 140.9



Abundance Ion 122.00 (121.70 to 122.70): BF0
 Ion 105.00 (104.70 to 105.70): BF0
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

Instrument :

BNA_F

ClientSampleId :

TEC-12

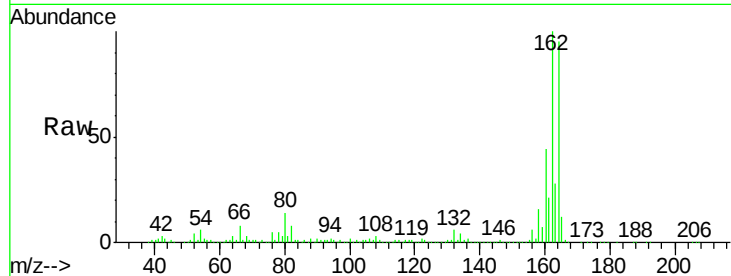
Tgt Ion:164 Resp: 428645

Ion Ratio Lower Upper

164 100

162 105.6 84.9 127.3

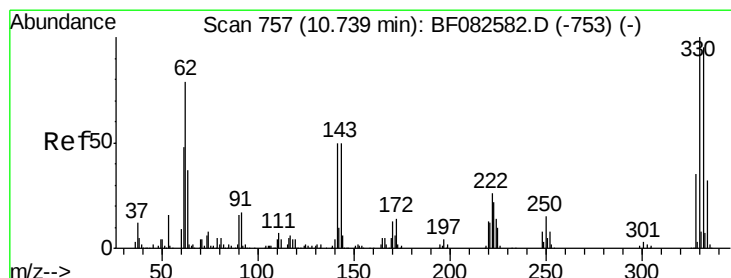
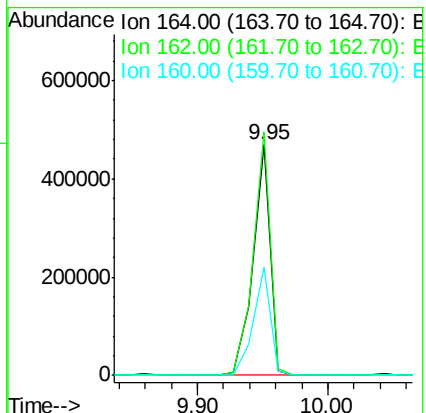
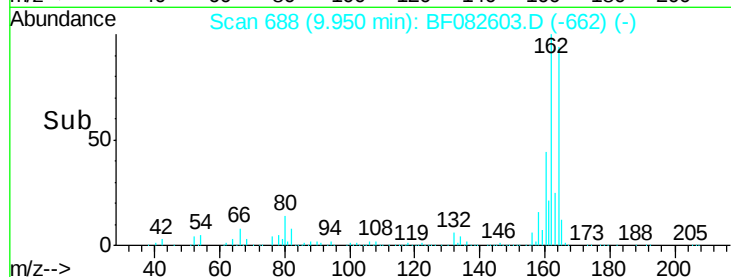
160 46.8 37.5 56.3



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: 92.50 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

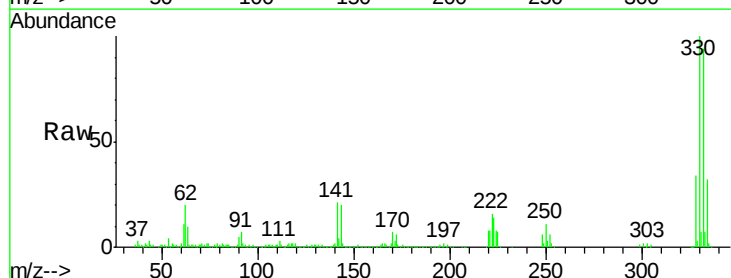
Tgt Ion:330 Resp: 433939

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

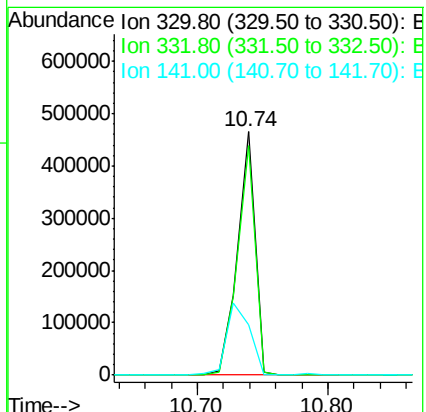
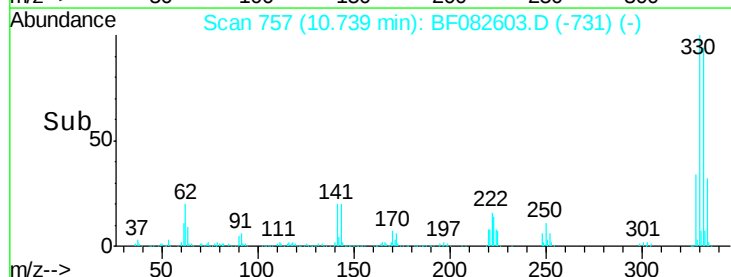
141 38.8 41.2 61.8#

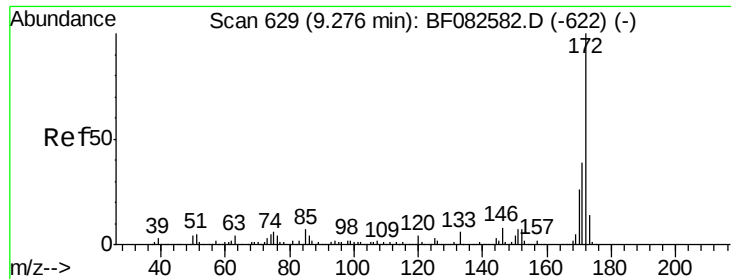


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

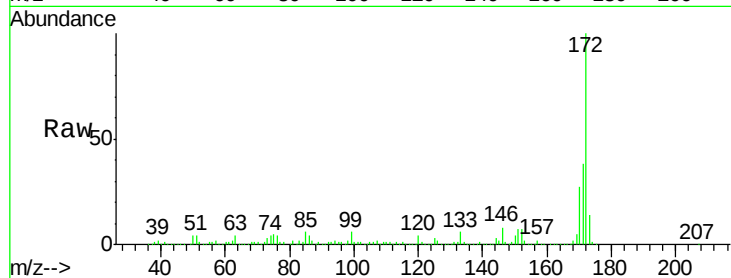




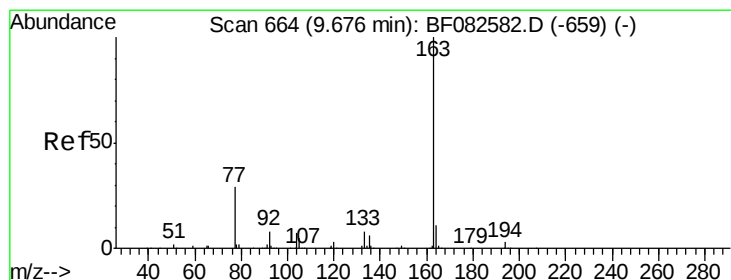
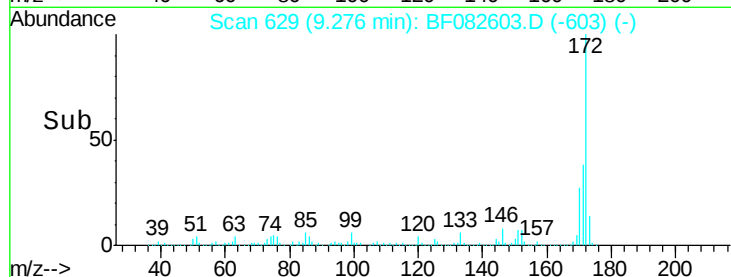
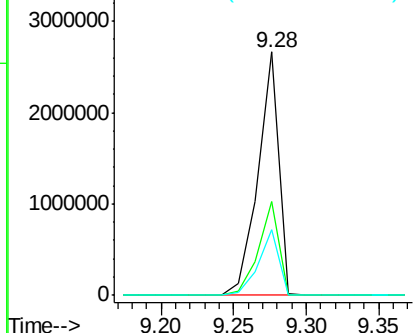
#44
 2-Fluorobiphenyl
 Concen: 87.10 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082603.D
 Acq: 31 Oct 2015 6:23

Instrument :
 BNA_F
 ClientSampleId :
 TEC-12

Tgt Ion:172 Resp: 2629549
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.8 46.2
 170 26.9 21.2 31.8

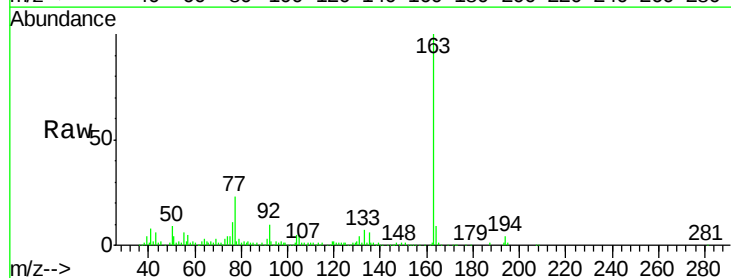


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

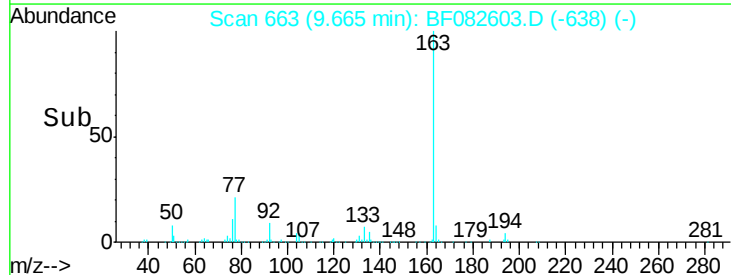
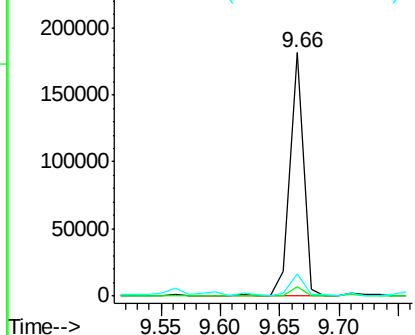


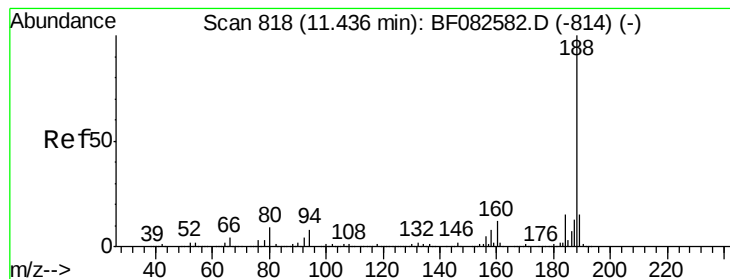
#49
 Dimethylphthalate
 Concen: 4.10 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF082603.D
 Acq: 31 Oct 2015 6:23

Tgt Ion:163 Resp: 143696
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.6 4.0
 164 9.1 8.7 13.1



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: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

Instrument :

BNA_F

ClientSampled :

TEC-12

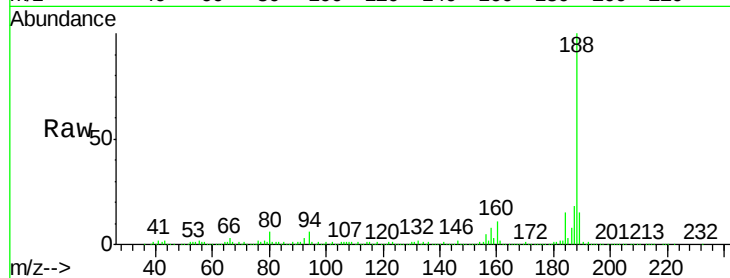
Tgt Ion:188 Resp: 744334

Ion Ratio Lower Upper

188 100

94 5.6 6.1 9.1#

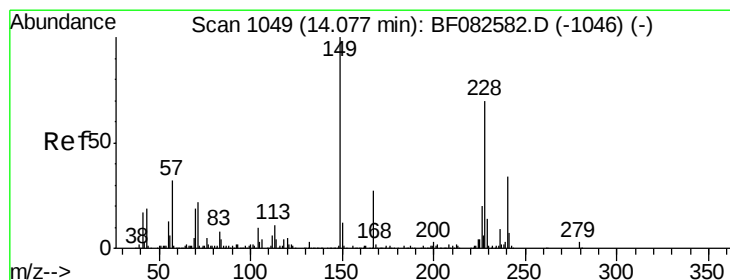
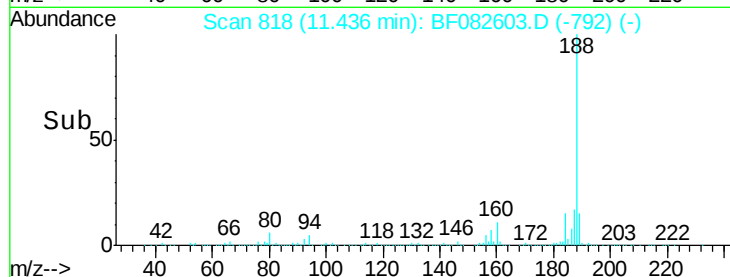
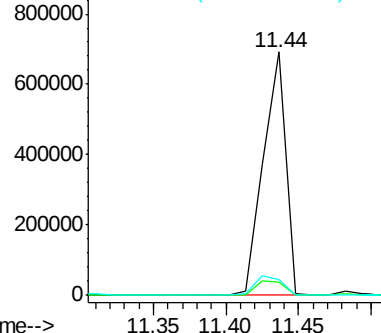
80 6.3 7.0 10.6#



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: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

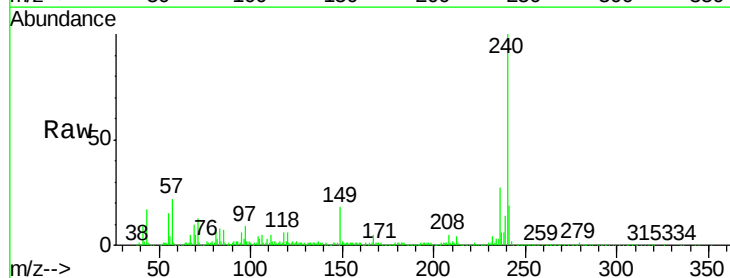
Tgt Ion:240 Resp: 534803

Ion Ratio Lower Upper

240 100

120 6.4 10.9 16.3#

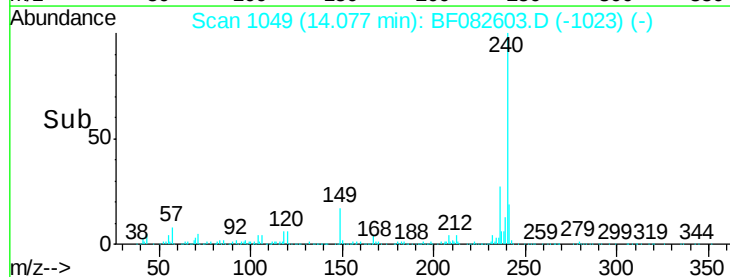
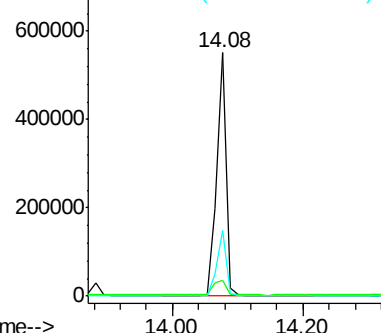
236 27.0 21.6 32.4

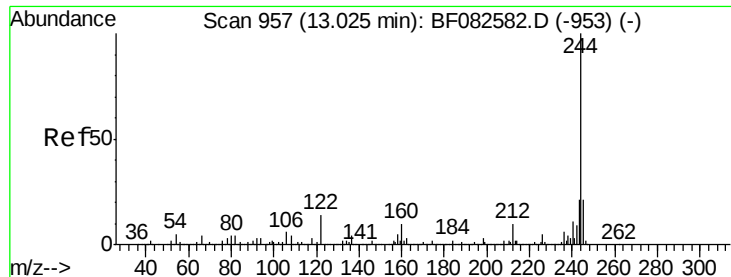


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.36 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

Instrument :

BNA_F

ClientSampleId :

TEC-12

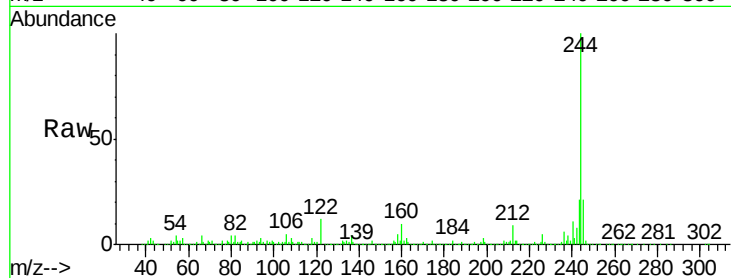
Tgt Ion:244 Resp: 1621582

Ion Ratio Lower Upper

244 100

212 9.3 7.6 11.4

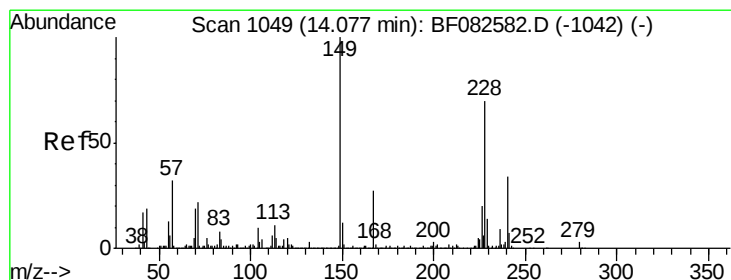
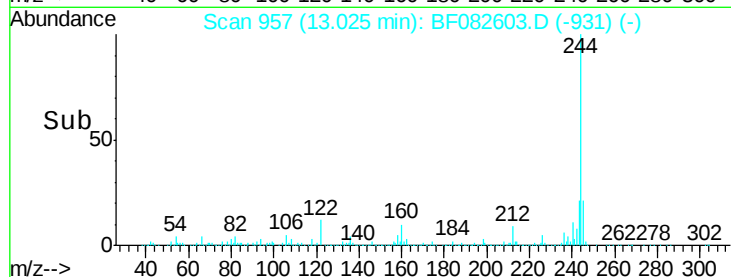
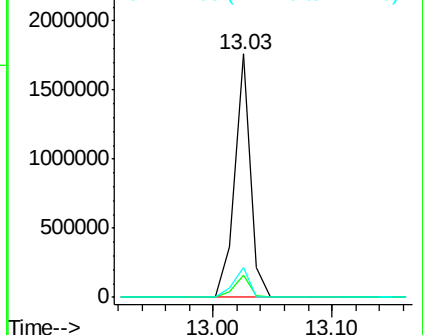
122 12.2 11.3 16.9



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: 4.42 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

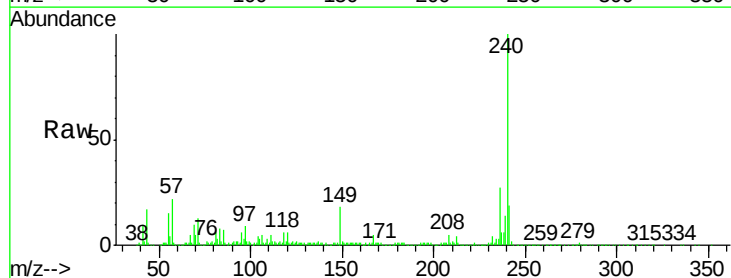
Tgt Ion:149 Resp: 99458

Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

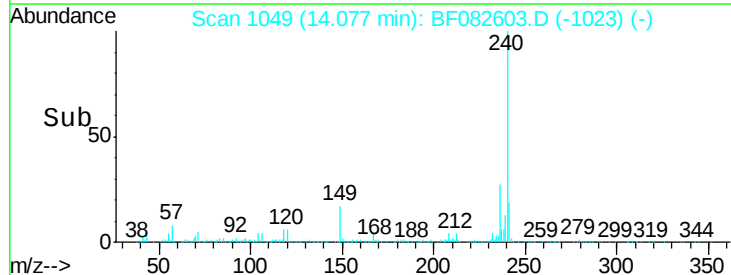
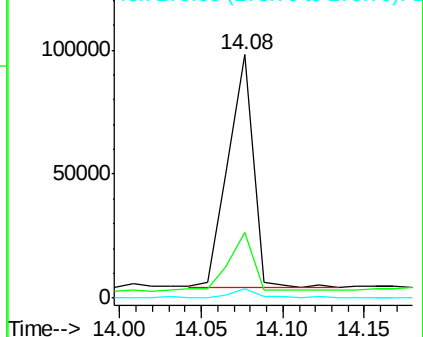
279 3.7 2.2 3.2#

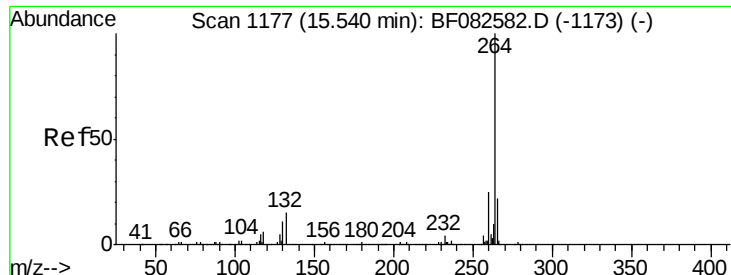


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.54 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF082603.D
Acq: 31 Oct 2015 6:23

Instrument :
BNA_F
ClientSampleId :
TEC-12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	21.4	17.4	26.0

