

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 :
 DFTPP

Quant Time: Nov 02 00:22:23 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

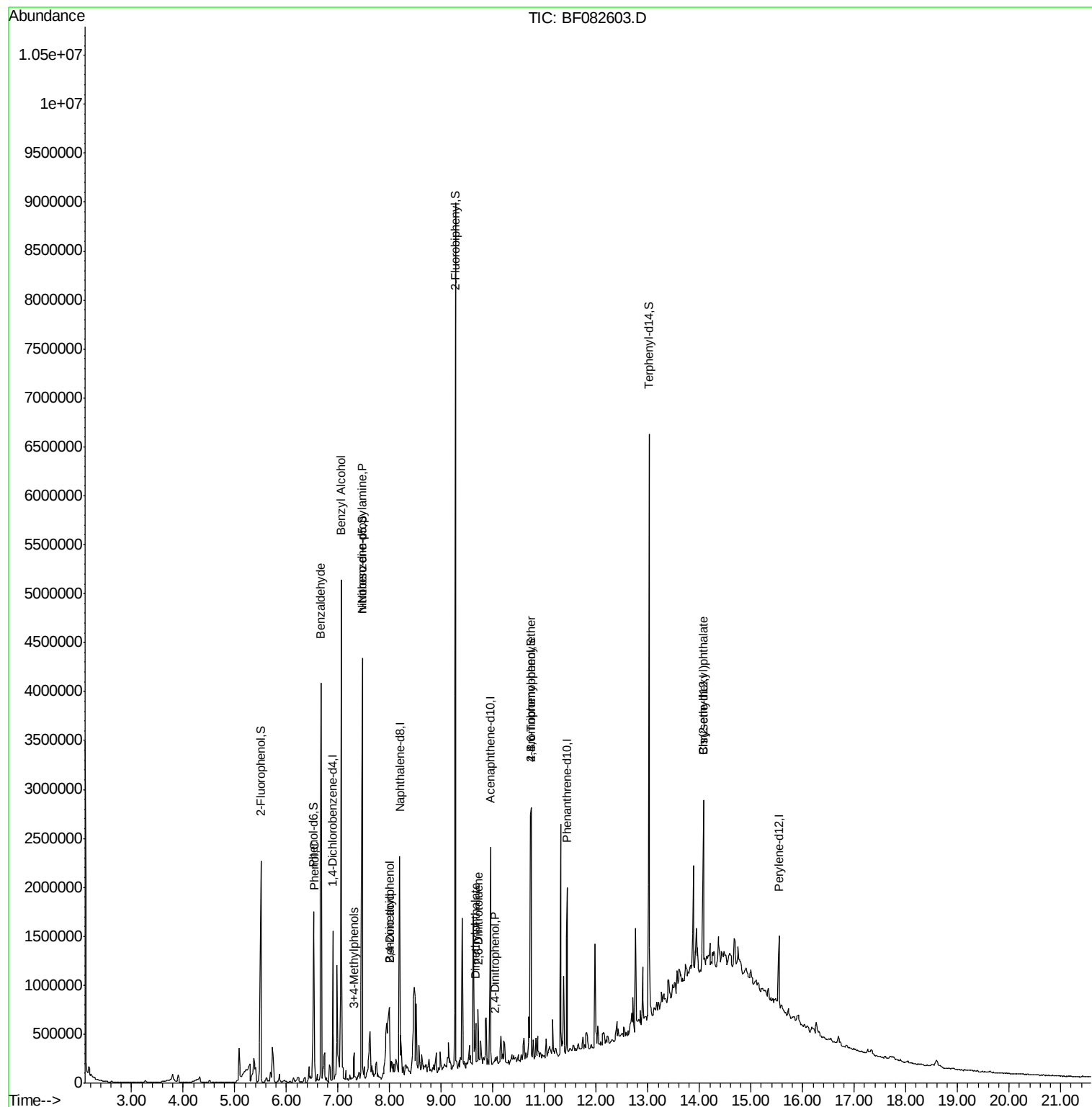
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	205197	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	842773	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	428645	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	744334	20.00	ng	0.00
75) Chrysene-d12	14.08	240	534803	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						Qvalue
9) Benzaldehyde	6.67	77	34039	2.75	ng	90
10) Phenol	6.53	94	325422	15.87	ng	99
15) Benzyl Alcohol	7.06	79	51791	3.07	ng	# 63
19) n-Nitroso-di-n-propylamine	7.47	70	265319	19.34	ng	# 70
20) 3+4-Methylphenols	7.31	107	57840	3.55	ng	# 71
27) 2,4-Dimethylphenol	8.00	122	455380	30.61	ng	# 2
32) Benzoic acid	8.00	122	456558	42.31	ng	89
49) Dimethylphthalate	9.66	163	143696	4.10	ng	96
50) 2,6-Dinitrotoluene	9.71	165	23305	3.21	ng	# 28
53) 2,4-Dinitrophenol	10.04	184	212	6.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	29229	3.47	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.08	149	99458	4.42	ng	# 99

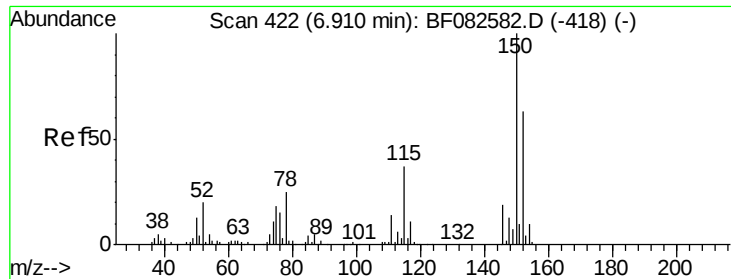
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

DFTPP

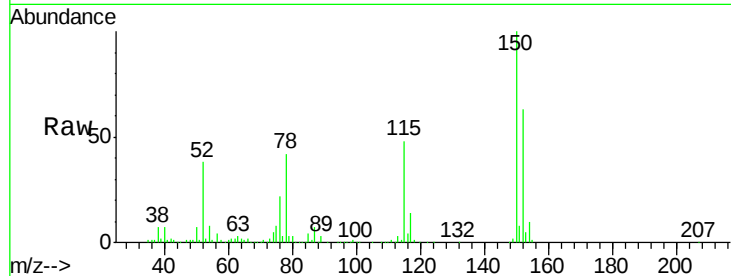
Tgt Ion:152 Resp: 205197

Ion Ratio Lower Upper

152 100

150 158.3 127.0 190.4

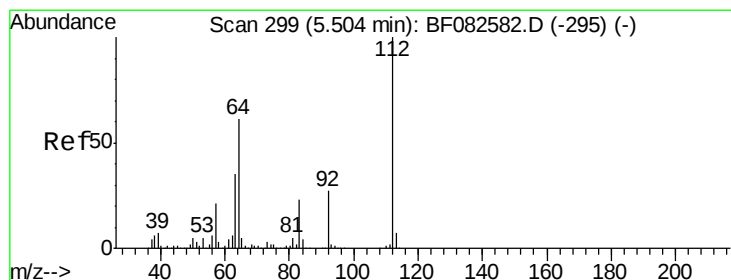
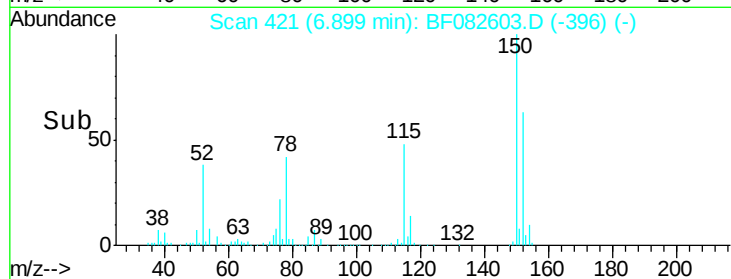
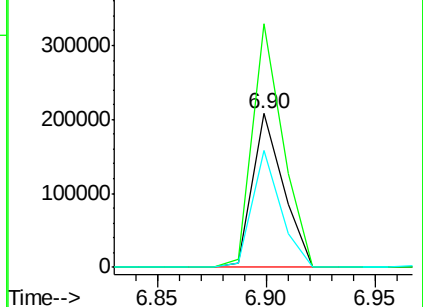
115 76.1 47.0 70.6#



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

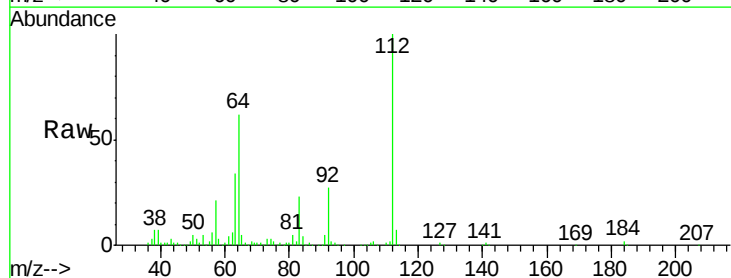
Tgt Ion:112 Resp: 582227

Ion Ratio Lower Upper

112 100

64 62.4 48.9 73.3

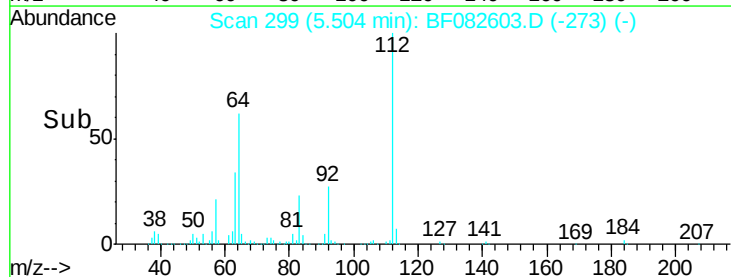
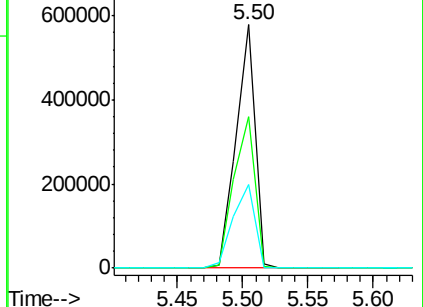
63 34.2 28.1 42.1



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 :

DFTPP

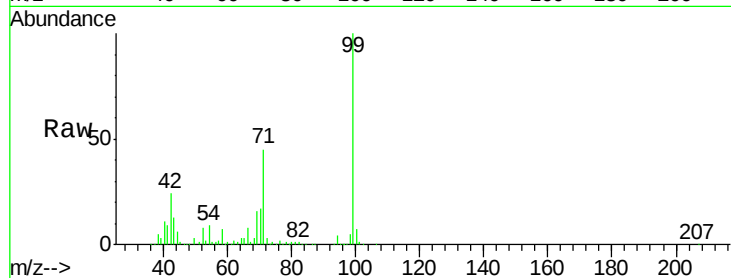
Tgt Ion: 99 Resp: 474562

Ion Ratio Lower Upper

99 100

42 24.0 19.2 28.8

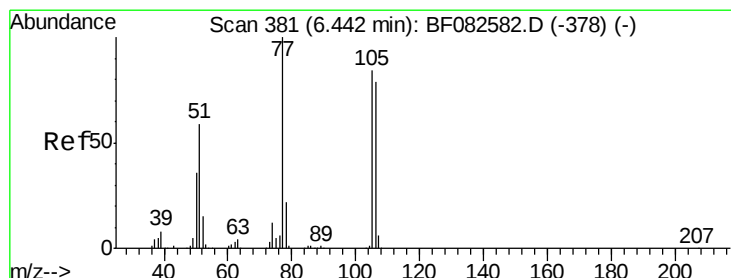
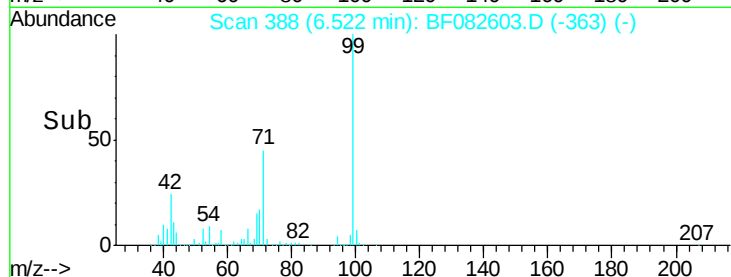
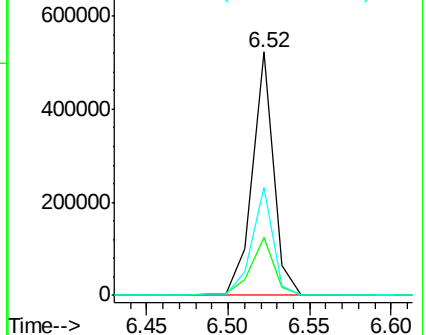
71 44.5 35.0 52.4



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: 2.75 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

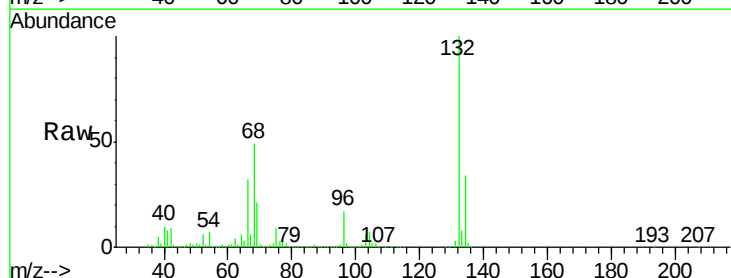
Tgt Ion: 77 Resp: 34039

Ion Ratio Lower Upper

77 100

105 74.1 63.5 103.5

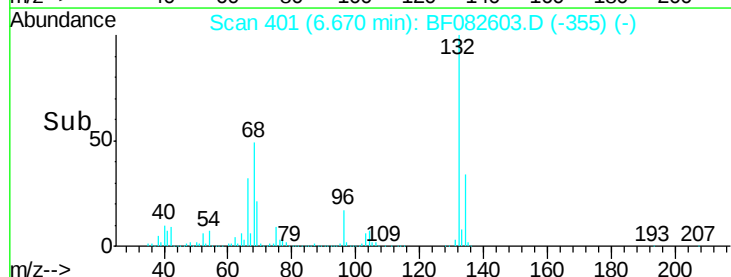
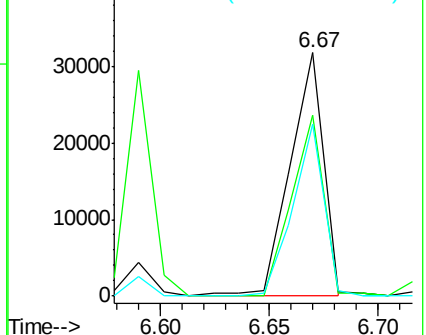
106 70.4 59.3 99.3

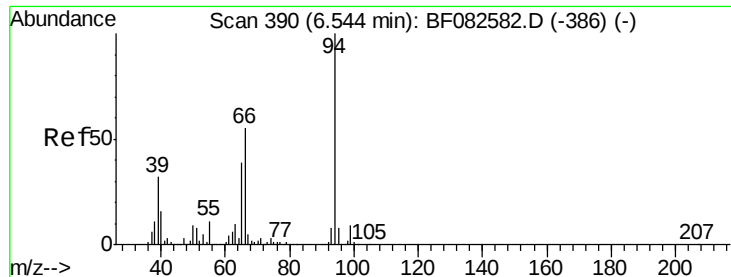


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#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

Instrument :

BNA_F

ClientSampleId :

DFTPP

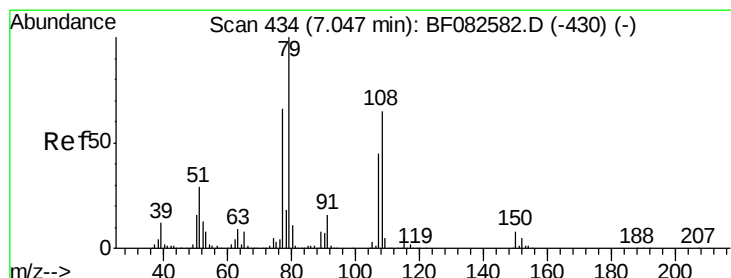
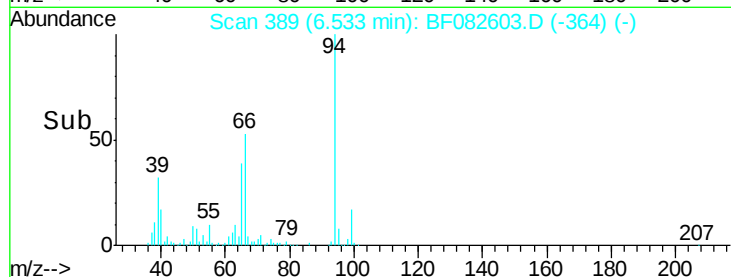
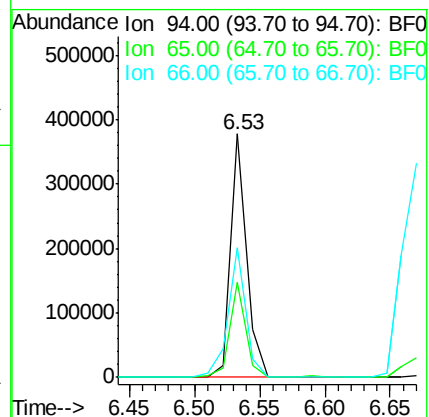
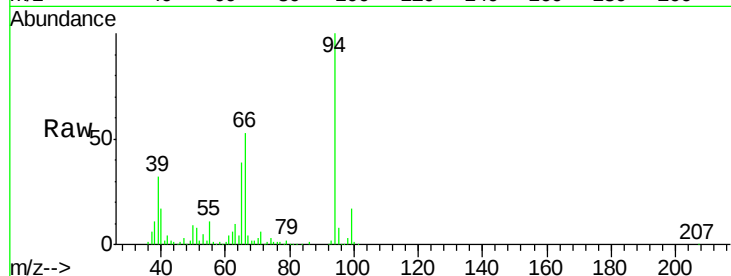
Tgt Ion: 94 Resp: 325422

Ion Ratio Lower Upper

94 100

65 39.0 18.9 58.9

66 53.2 34.9 74.9



#15

Benzyl Alcohol

Concen: 3.07 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

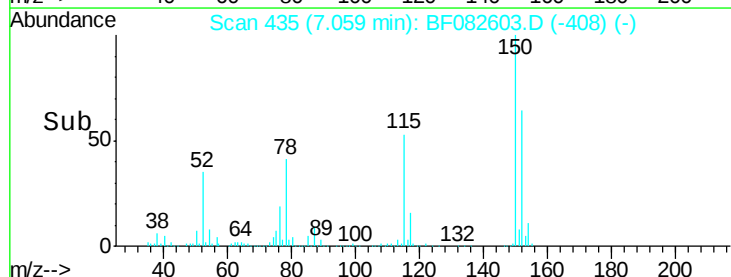
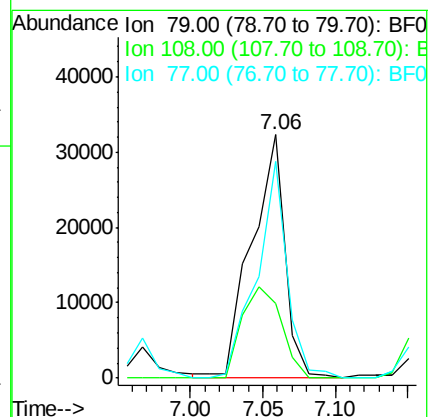
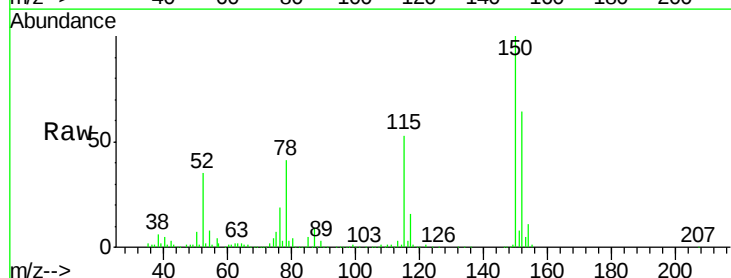
Tgt Ion: 79 Resp: 51791

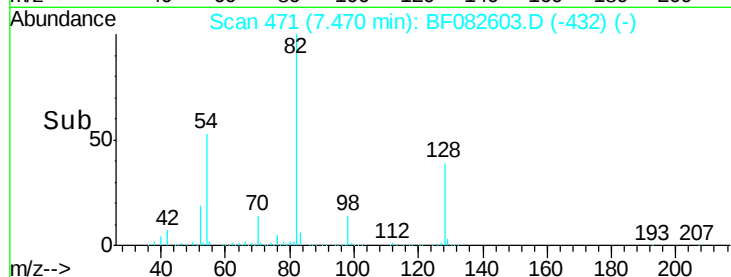
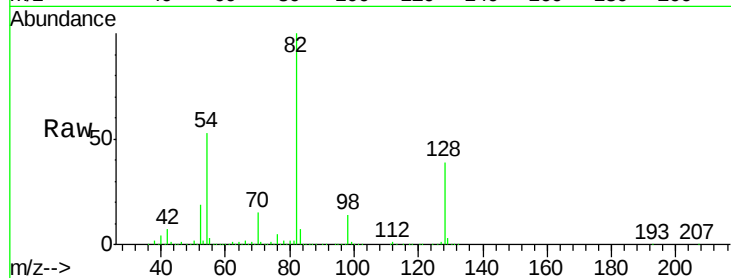
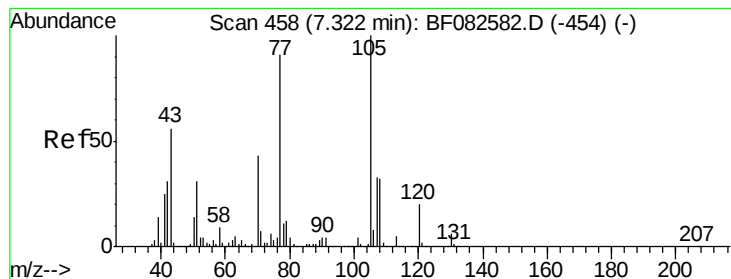
Ion Ratio Lower Upper

79 100

108 30.6 52.2 78.4#

77 89.2 52.7 79.1#





#19

n-Nitroso-di-n-propylamine

Concen: 19.34 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 70 Resp: 265319

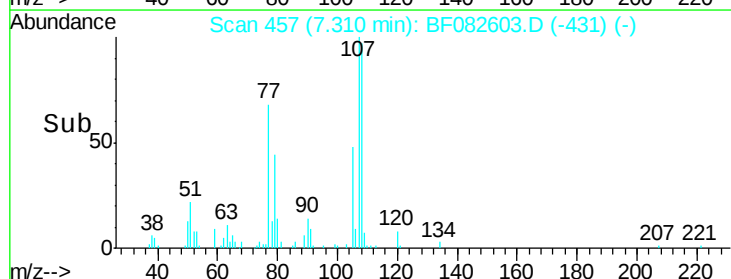
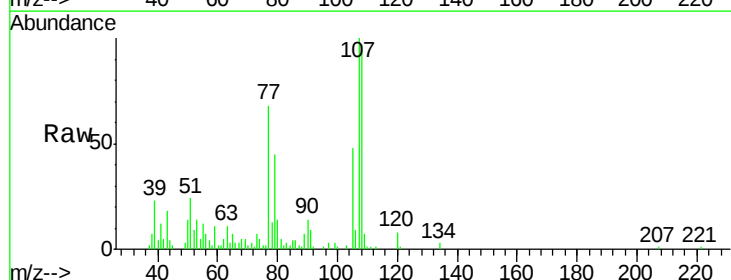
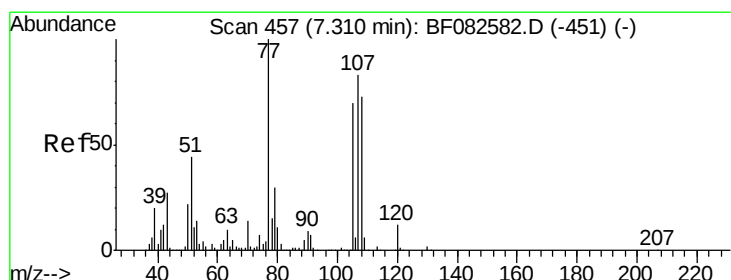
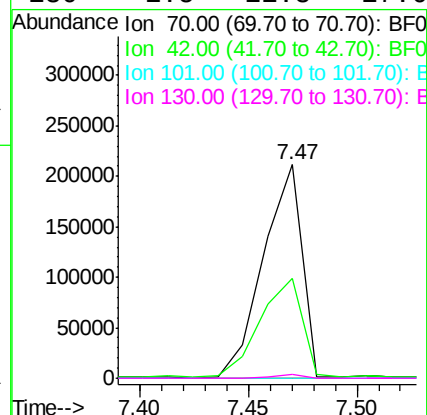
Ion Ratio Lower Upper

70 100

42 46.8 57.7 86.5#

101 0.2 7.0 10.6#

130 1.5 11.8 17.6#



#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

Tgt Ion: 107 Resp: 57840

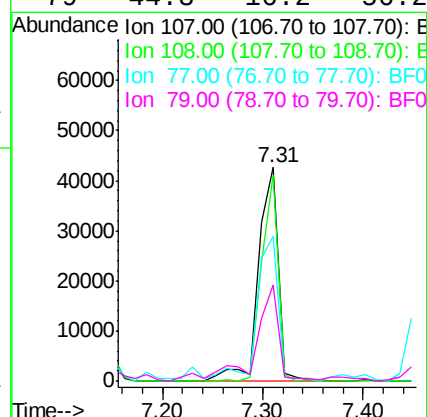
Ion Ratio Lower Upper

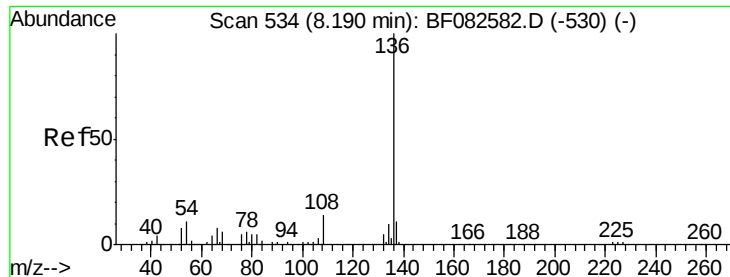
107 100

108 96.7 67.3 107.3

77 67.9 100.3 140.3#

79 44.8 16.2 56.2

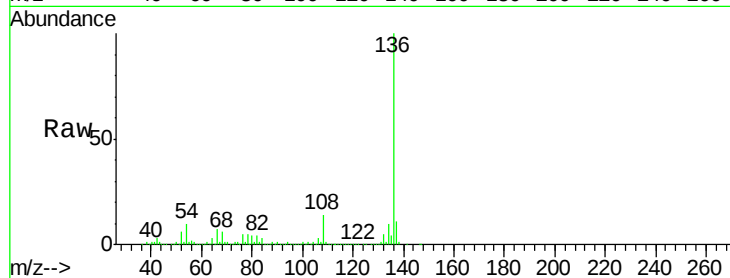




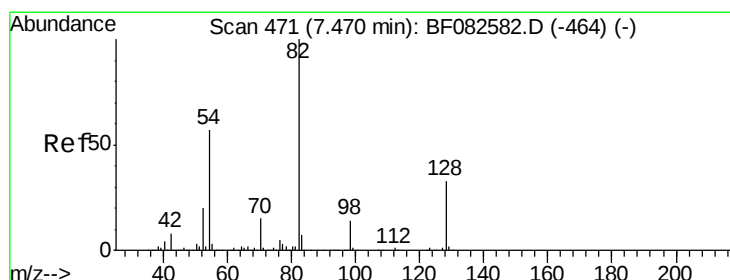
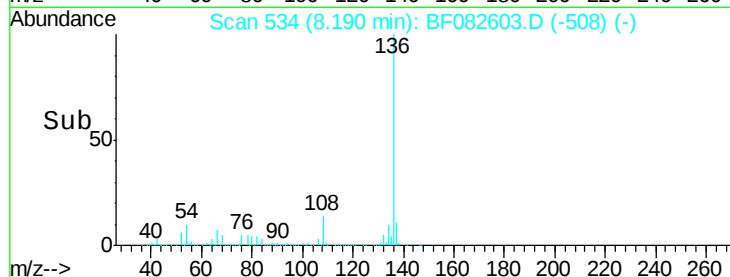
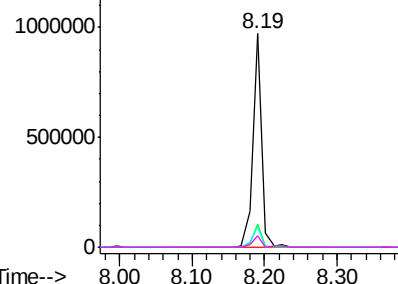
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082603.D
Acq: 31 Oct 2015 6:23

Instrument :
BNA_F
ClientSampleId :
DFTPP

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

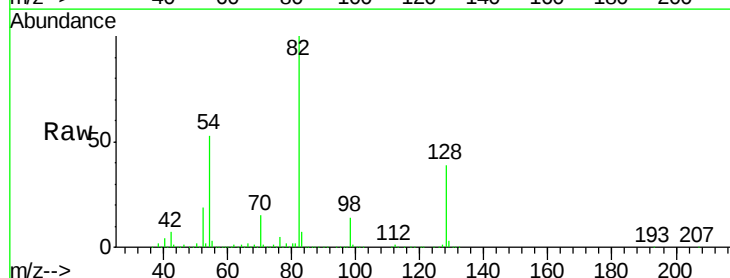


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

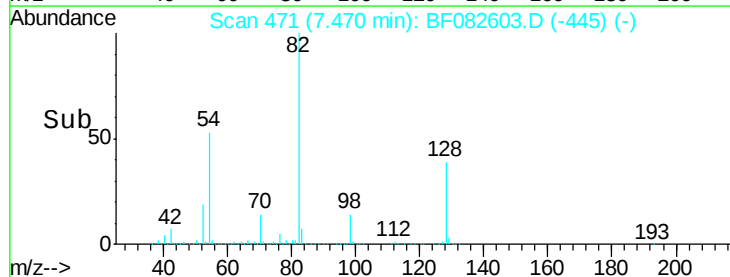
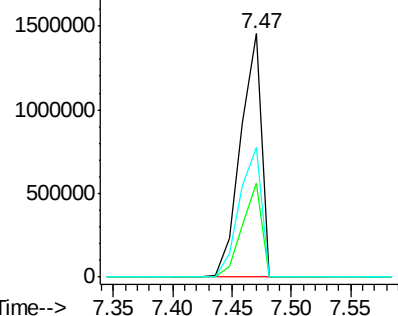


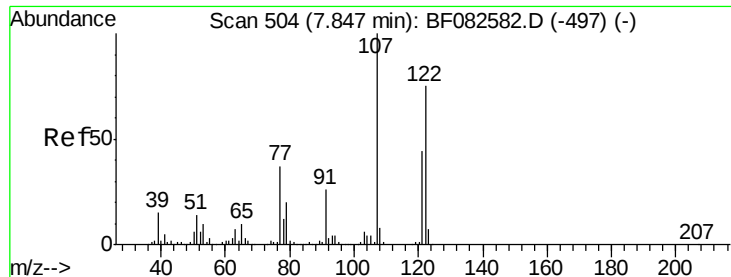
#23
Nitrobenzene-d5
Concen: 87.16 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF082603.D
Acq: 31 Oct 2015 6:23

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): E
Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 30.61 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.15 min

Lab File: BF082603.D

Acq: 31 Oct 2015 6:23

Instrument :

BNA_F

ClientSampleId :

DFTPP

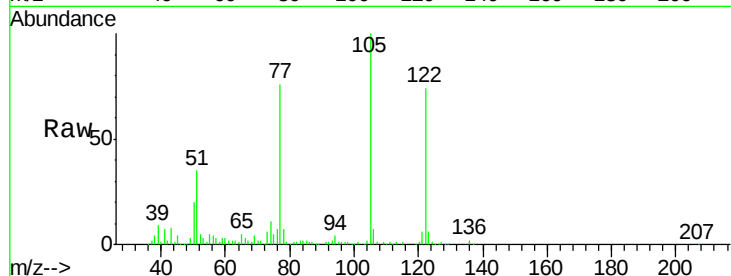
Tgt Ion:122 Resp: 455380

Ion Ratio Lower Upper

122 100

107 1.1 106.0 159.0#

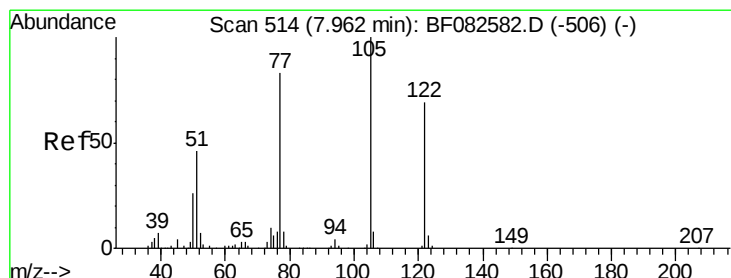
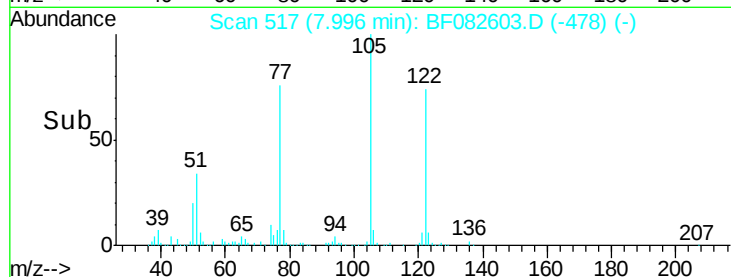
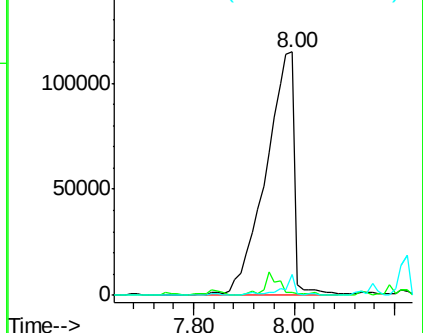
121 8.5 46.7 70.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#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

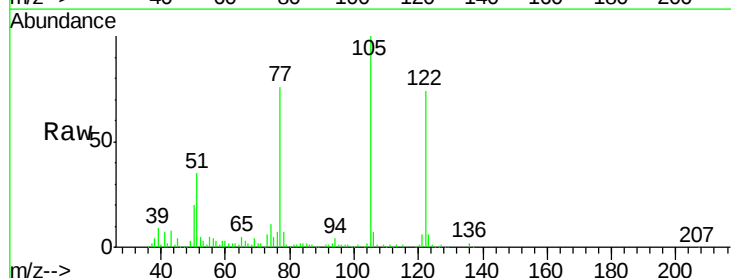
Tgt Ion:122 Resp: 456558

Ion Ratio Lower Upper

122 100

105 135.4 122.6 162.6

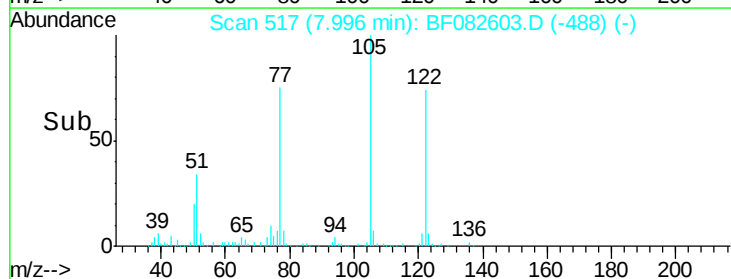
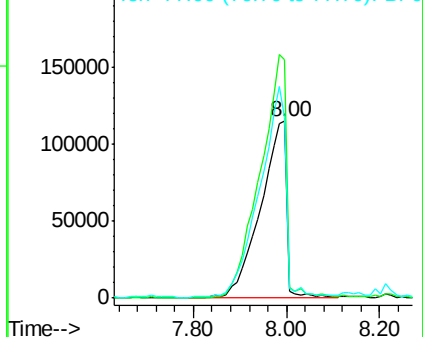
77 102.6 100.9 140.9

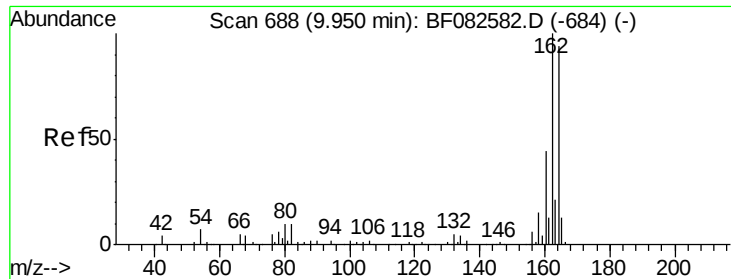


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

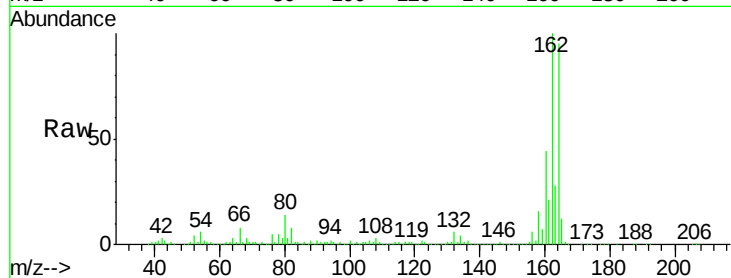




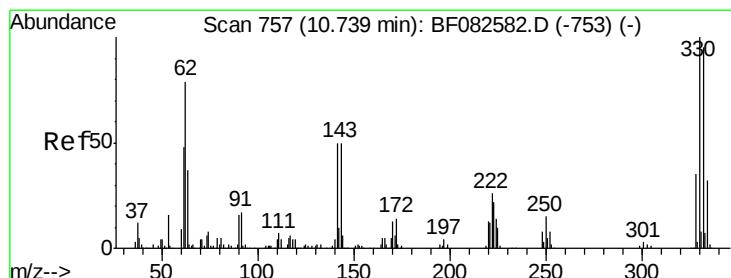
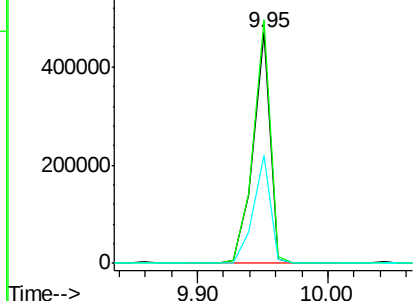
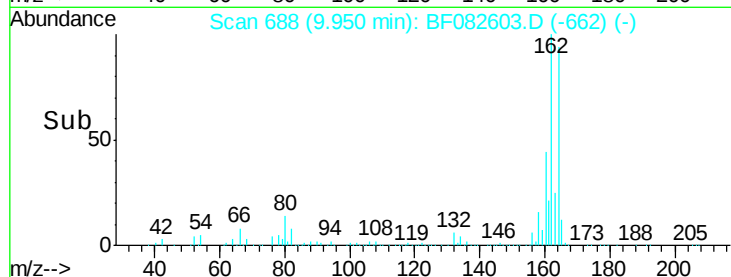
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082603.D
Acq: 31 Oct 2015 6:23

Instrument :
BNA_F
ClientSampleId :
DFTPP

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

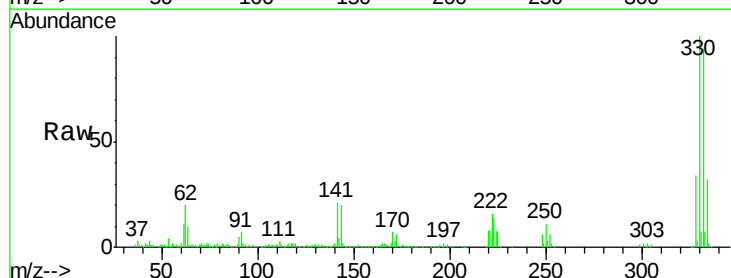


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

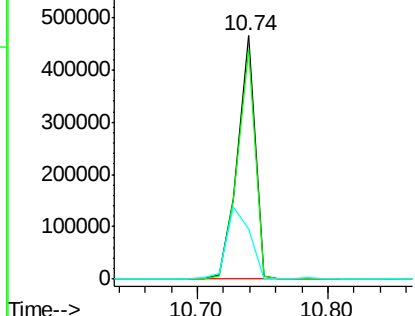
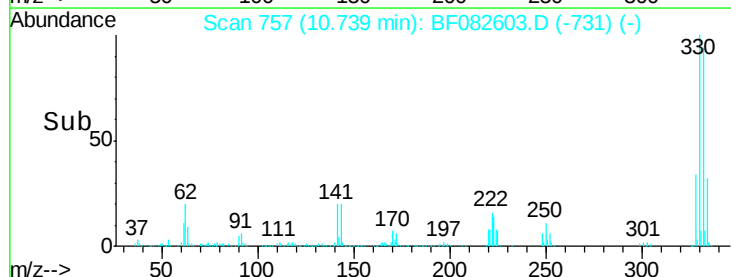


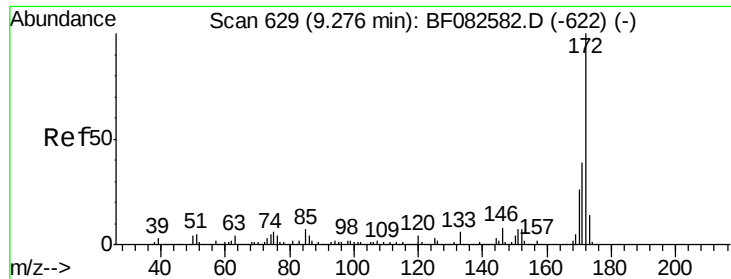
#41
2,4,6-Tribromophenol
Concen: 92.50 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF082603.D
Acq: 31 Oct 2015 6:23

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 :

DFTPP

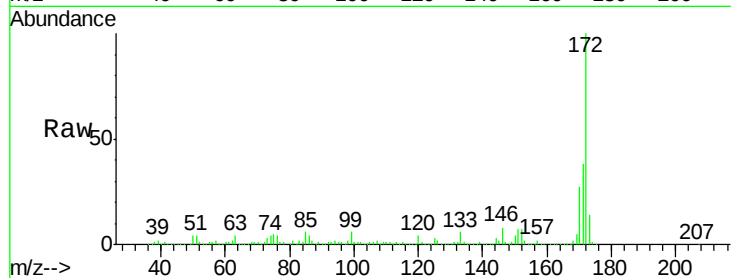
Tgt Ion:172 Resp: 2629549

Ion Ratio Lower Upper

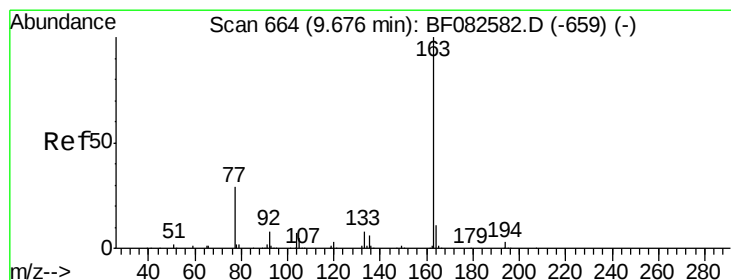
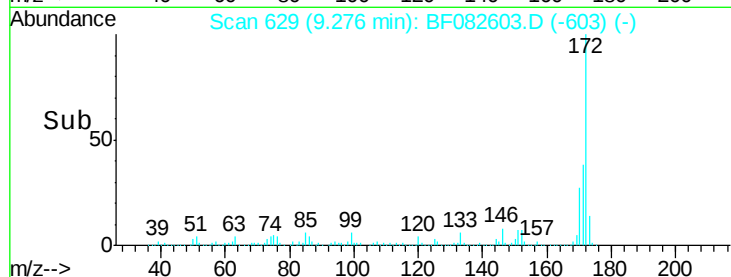
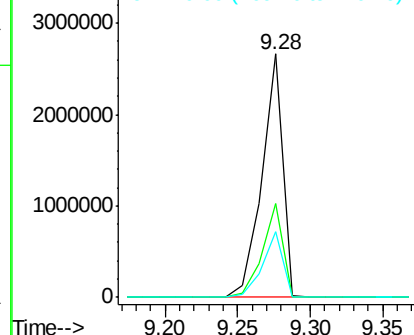
172 100

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

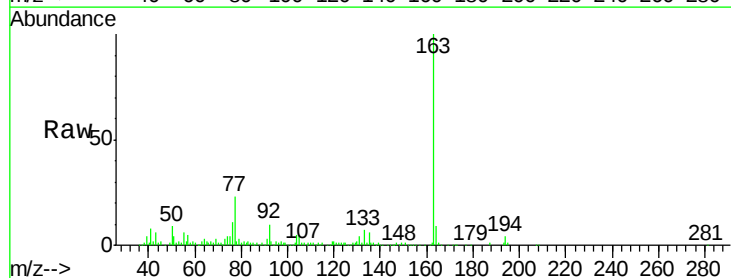
Tgt Ion:163 Resp: 143696

Ion Ratio Lower Upper

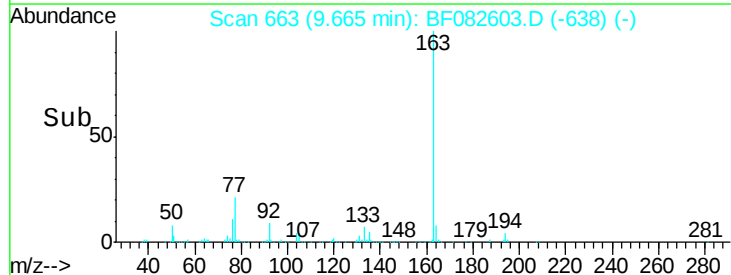
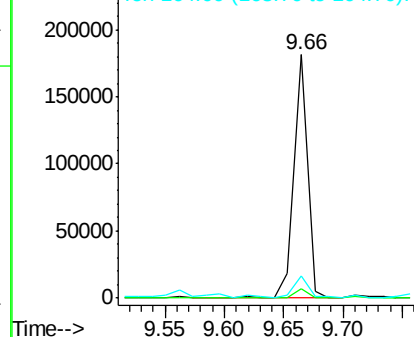
163 100

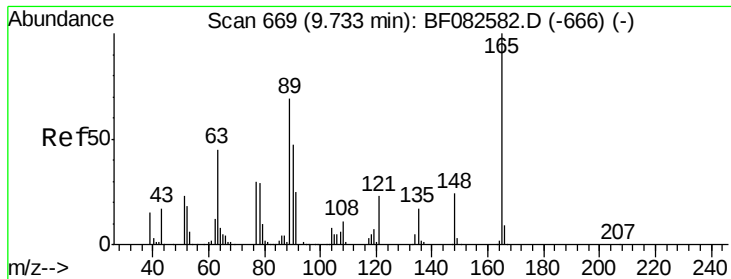
194 3.8 2.6 4.0

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

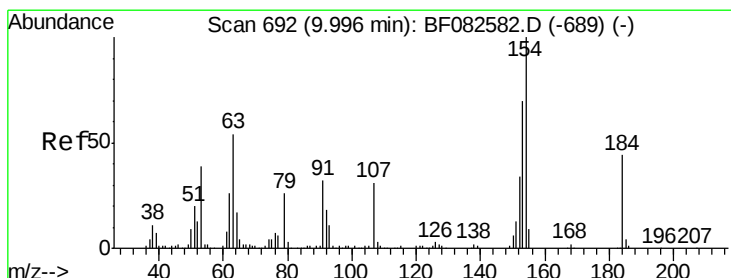
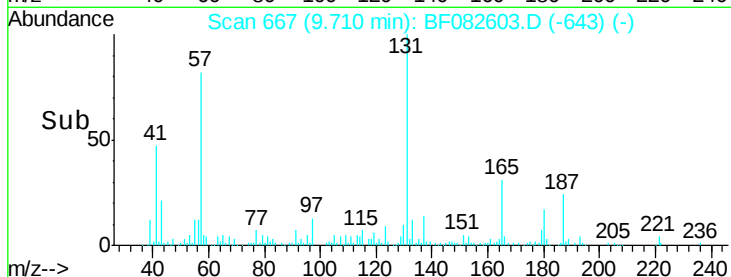
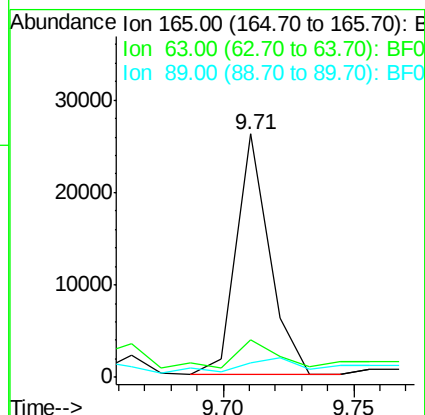
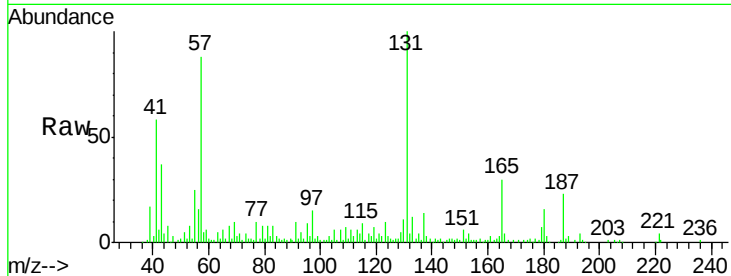




#50
2,6-Dinitrotoluene
Concen: 3.21 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF082603.D
Acq: 31 Oct 2015 6:23

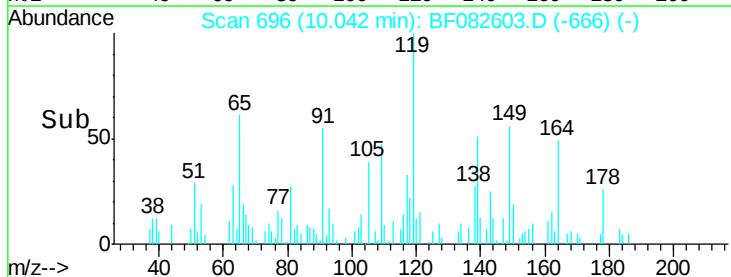
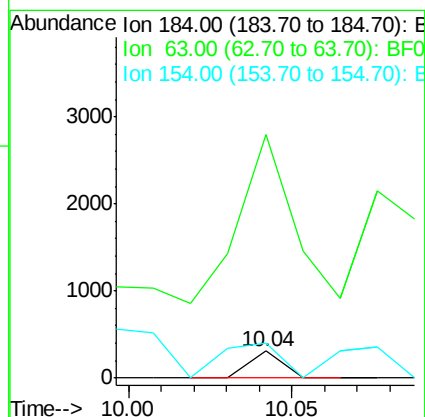
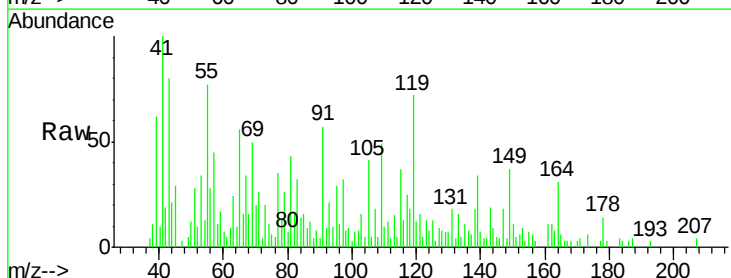
Instrument :
BNA_F
ClientSampleId :
DFTPP

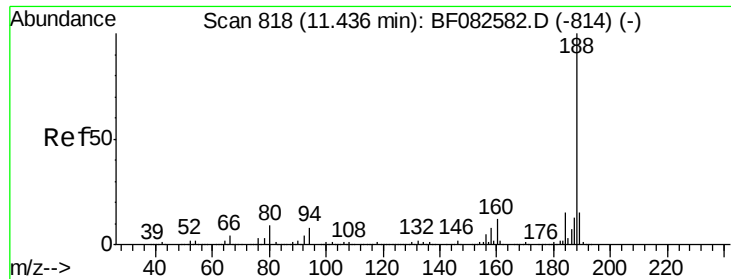
Tgt Ion:165 Resp: 23305
Ion Ratio Lower Upper
165 100
63 15.3 55.5 83.3#
89 5.9 55.0 82.6#



#53
2,4-Dinitrophenol
Concen: 6.74 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.05 min
Lab File: BF082603.D
Acq: 31 Oct 2015 6:23

Tgt Ion:184 Resp: 212
Ion Ratio Lower Upper
184 100
63 904.5 98.6 148.0#
154 132.0 183.9 275.9#

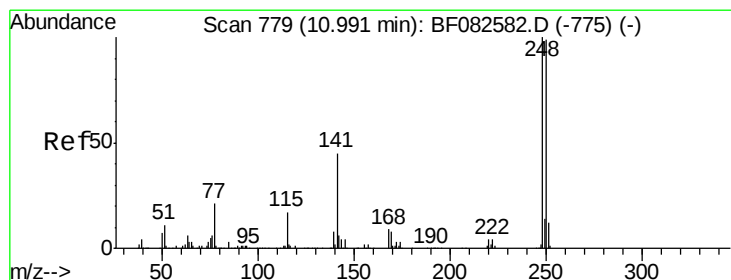
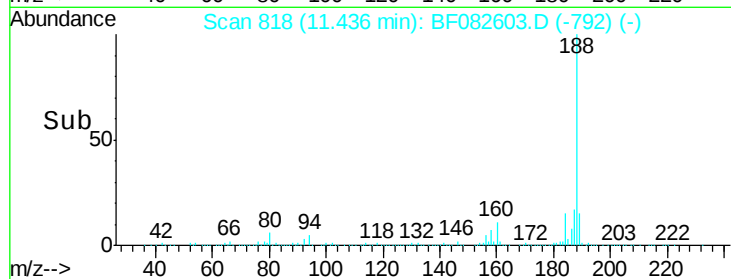
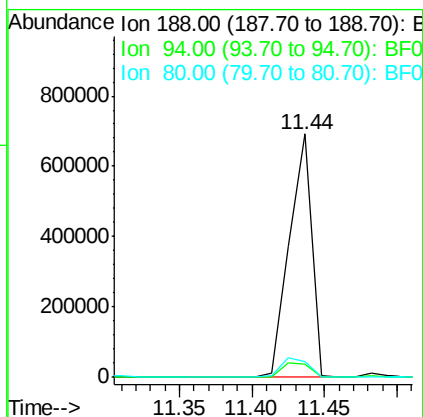
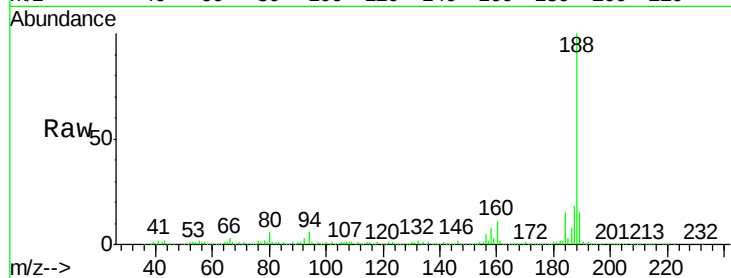




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF082603.D
Acq: 31 Oct 2015 6:23

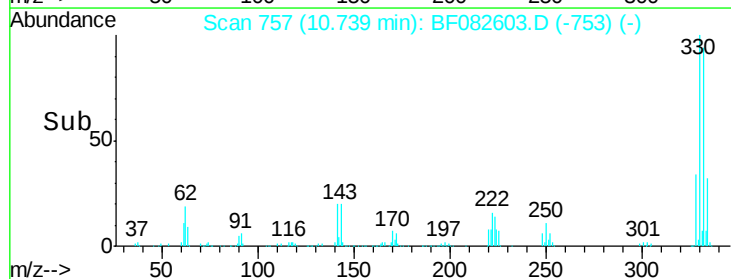
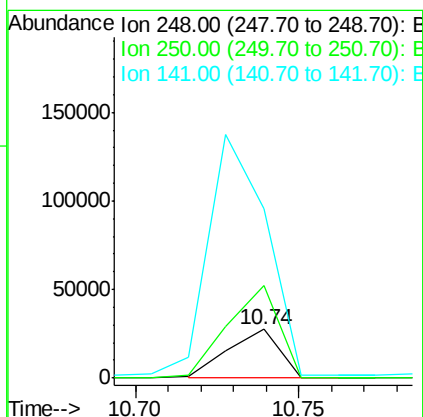
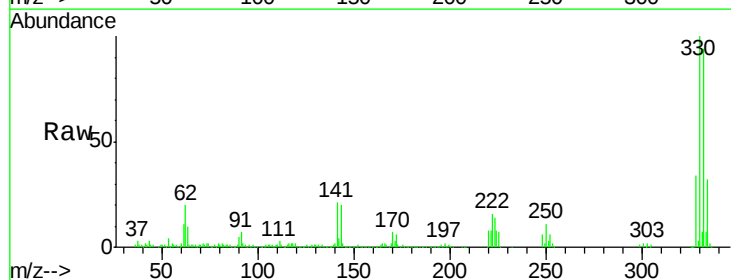
Instrument :
BNA_F
ClientSampleId :
DFTPP

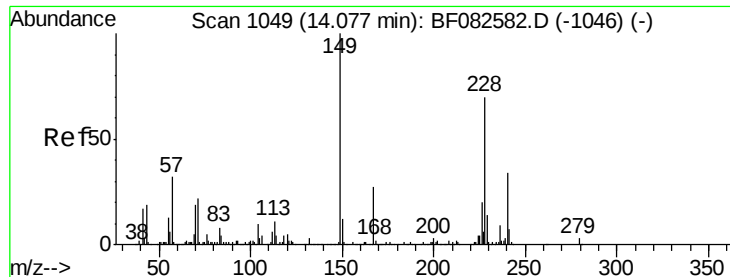
Tgt Ion:188 Resp: 744334
Ion Ratio Lower Upper
188 100
94 5.6 6.1 9.1#
80 6.3 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF082603.D
Acq: 31 Oct 2015 6:23

Tgt Ion:248 Resp: 29229
Ion Ratio Lower Upper
248 100
250 191.4 79.4 119.2#
141 349.0 36.3 54.5#





#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

Instrument :

BNA_F

ClientSampleId :

DFTPP

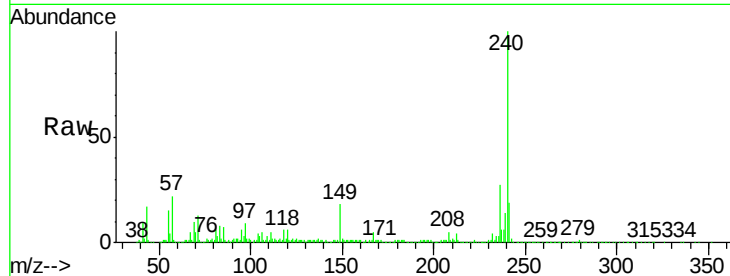
Tgt Ion:240 Resp: 534803

Ion Ratio Lower Upper

240 100

120 6.4 10.9 16.3#

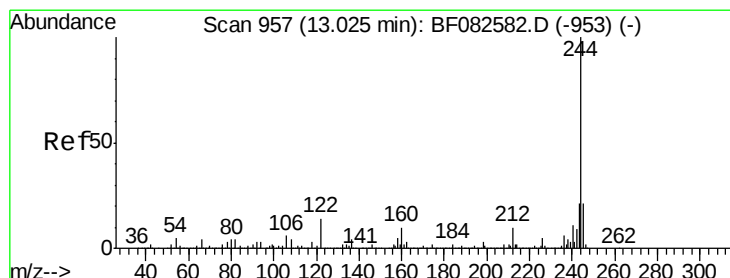
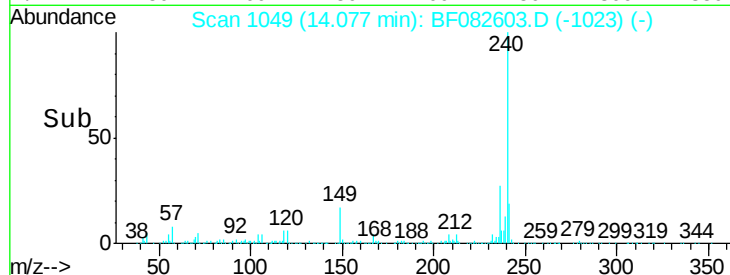
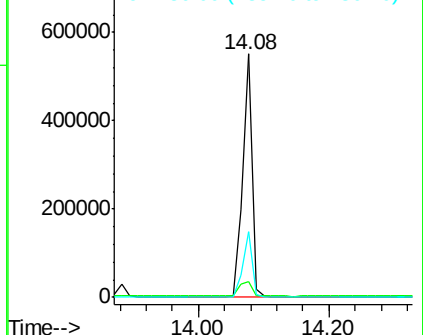
236 27.0 21.6 32.4



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

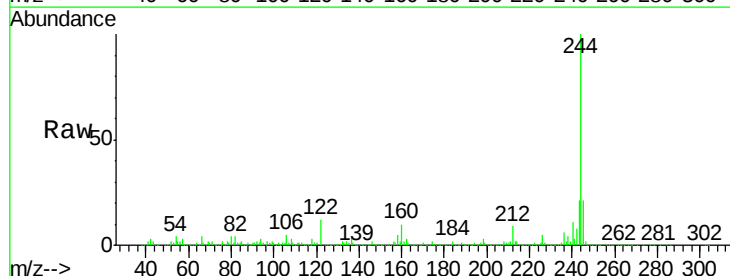
Tgt Ion:244 Resp: 1621582

Ion Ratio Lower Upper

244 100

212 9.3 7.6 11.4

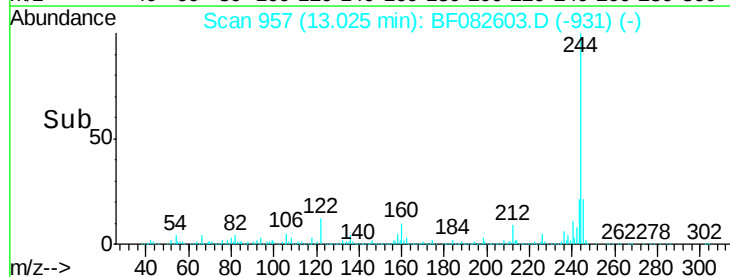
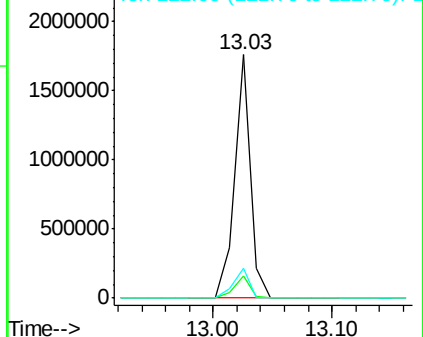
122 12.2 11.3 16.9

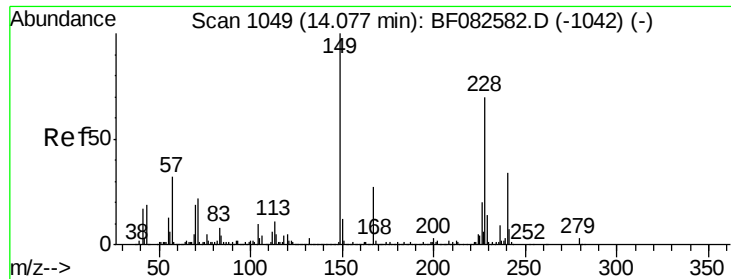


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

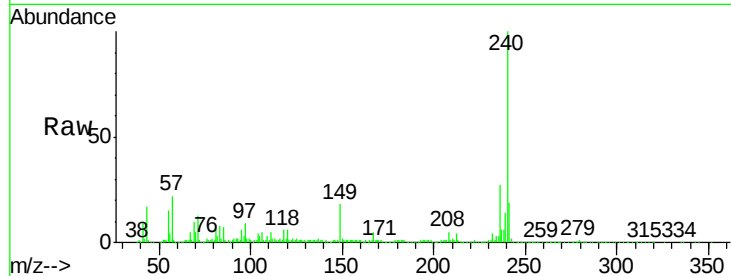




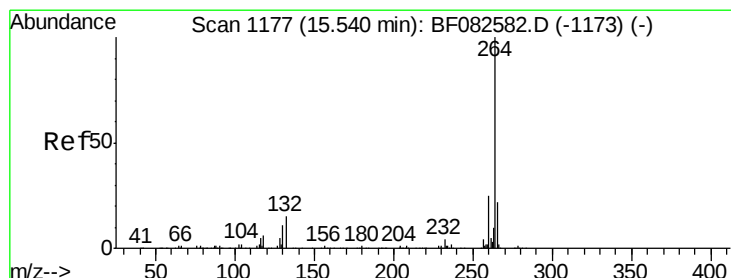
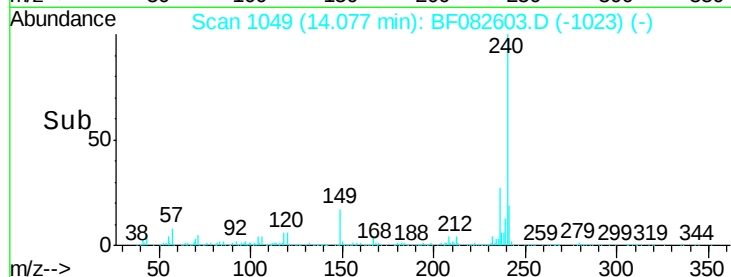
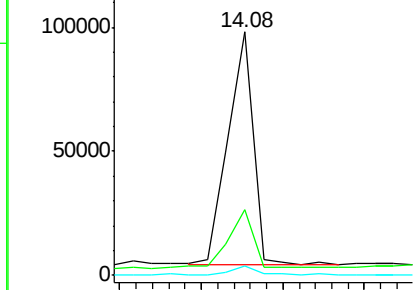
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.42 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF082603.D
 Acq: 31 Oct 2015 6:23

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

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#

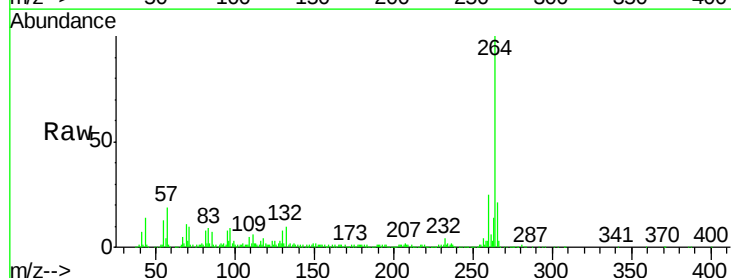


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#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

Tgt Ion:264 Resp: 387987
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.6
 265 21.4 17.4 26.0



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

