

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082623.D
 Acq On : 31 Oct 2015 16:03
 Operator : UM/IZ
 Sample : G4200-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-22R

Quant Time: Nov 02 00:33:22 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

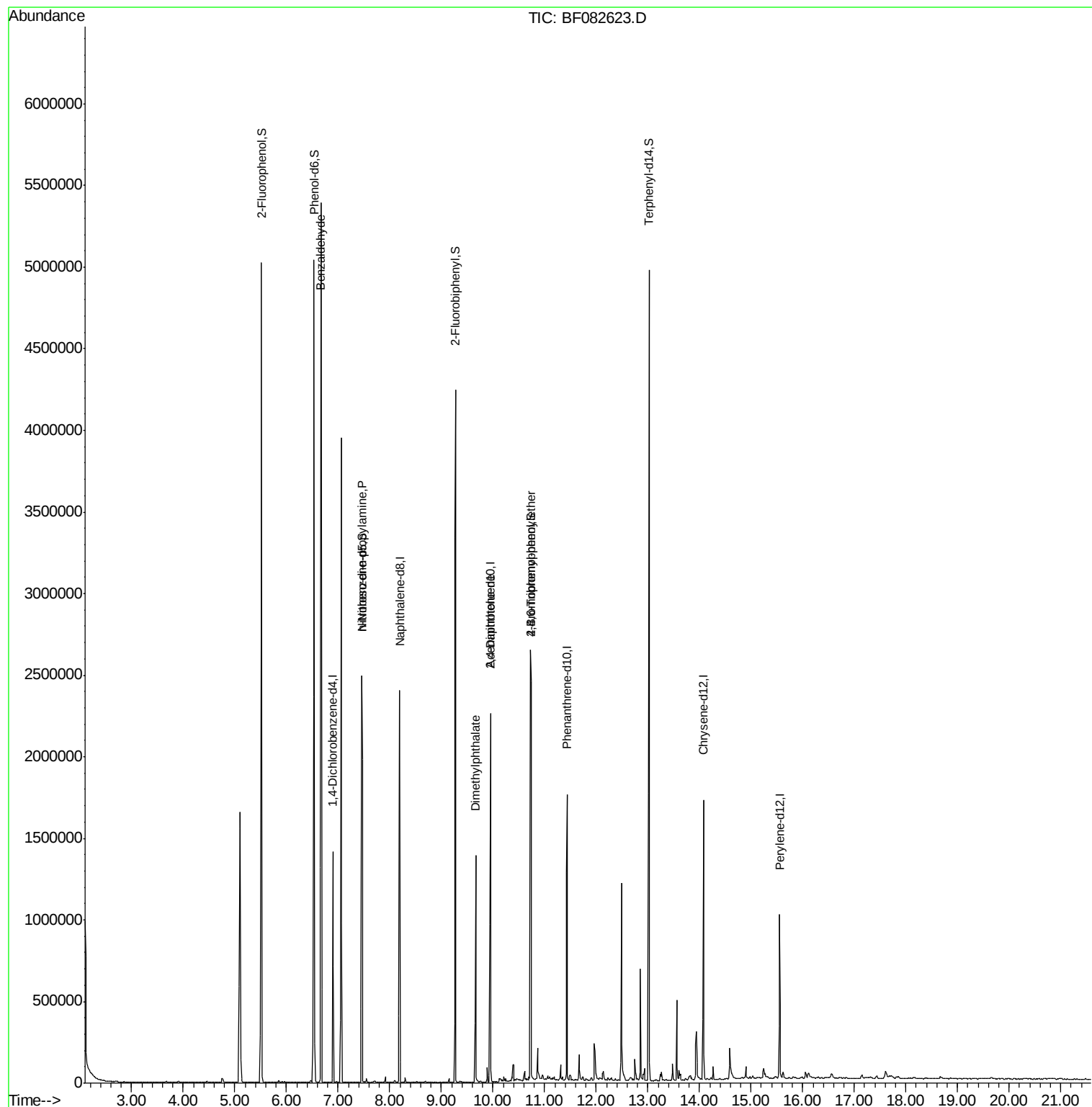
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	223714	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	908669	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	489145	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	838592	20.00	ng	0.00
75) Chrysene-d12	14.08	240	553677	20.00	ng	0.00
86) Perylene-d12	15.55	264	489703	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1384901	93.24	ng	0.01
7) Phenol-d6	6.53	99	1689104	85.60	ng	0.00
23) Nitrobenzene-d5	7.46	82	1176454	52.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	454727	84.94	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1795424	52.11	ng	0.00
78) Terphenyl-d14	13.03	244	1496317	59.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	37892	2.81	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.46	70	160838	10.75	ng	# 74
49) Dimethylphthalate	9.66	163	525197	13.15	ng	99
56) 2,4-Dinitrotoluene	9.95	165	62702	5.60	ng	# 15
66) 4-Bromophenyl-phenylether	10.74	248	30218	3.18	ng	# 1

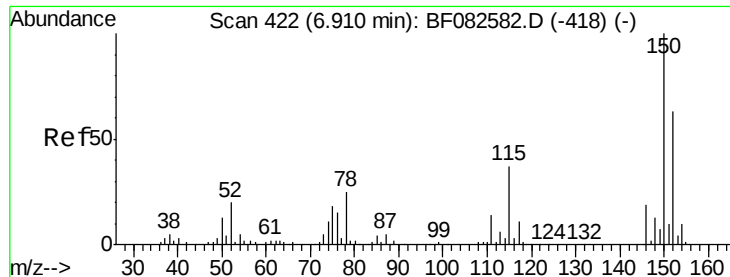
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082623.D

Acq: 31 Oct 2015 16:03

Instrument :

BNA_F

ClientSampleId :

T-22R

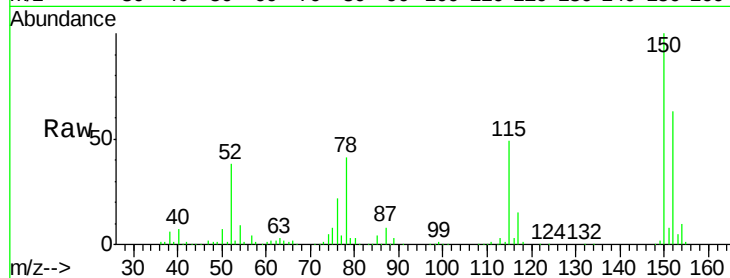
Tgt Ion:152 Resp: 223714

Ion Ratio Lower Upper

152 100

150 159.9 127.0 190.4

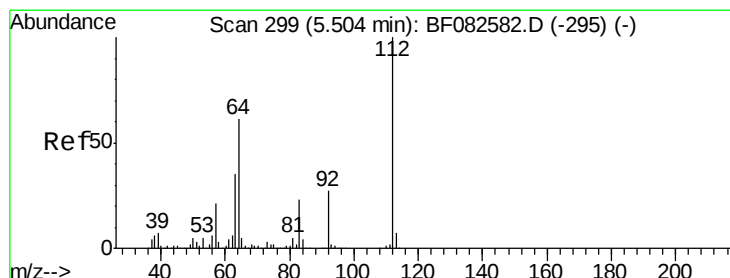
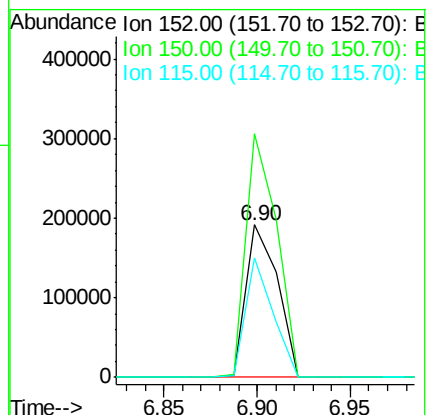
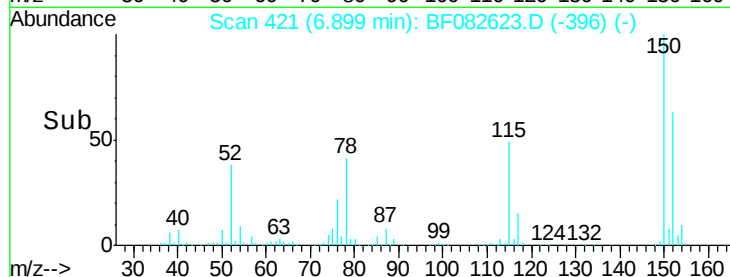
115 78.5 47.0 70.6#



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: 93.24 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082623.D

Acq: 31 Oct 2015 16:03

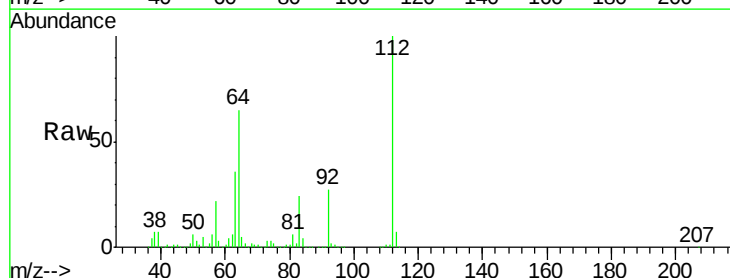
Tgt Ion:112 Resp: 1384901

Ion Ratio Lower Upper

112 100

64 65.4 48.9 73.3

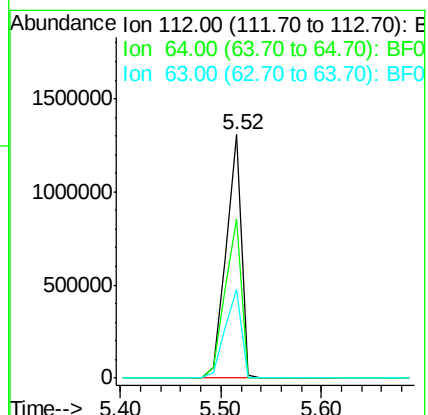
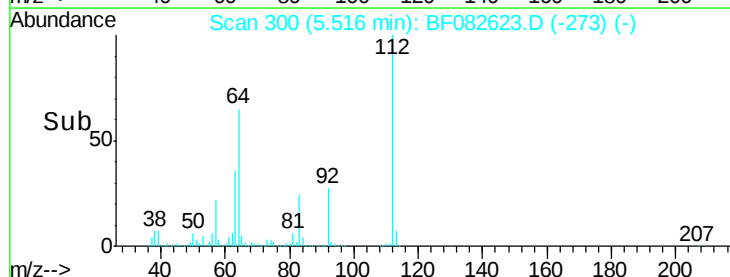
63 36.4 28.1 42.1



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: 85.60 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082623.D

Acq: 31 Oct 2015 16:03

Instrument :

BNA_F

ClientSampleId :

T-22R

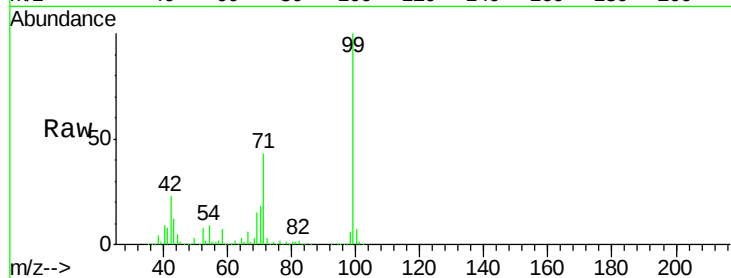
Tgt Ion: 99 Resp: 1689104

Ion Ratio Lower Upper

99 100

42 23.4 19.2 28.8

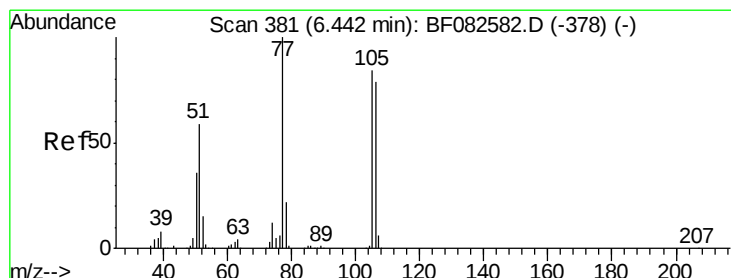
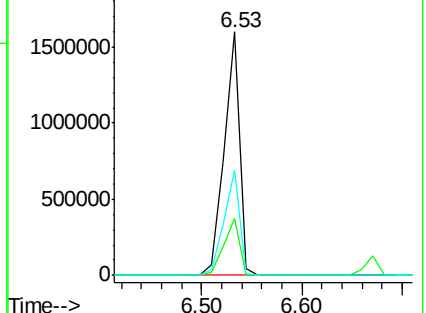
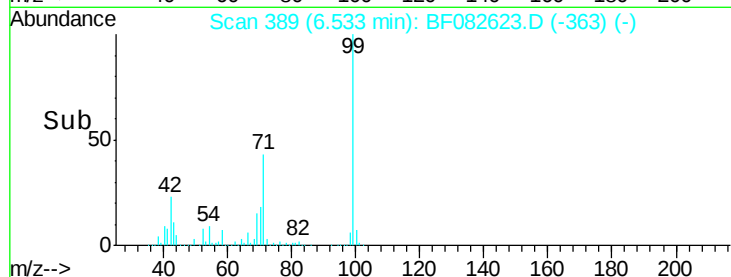
71 43.5 35.0 52.4



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: 2.81 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.23 min

Lab File: BF082623.D

Acq: 31 Oct 2015 16:03

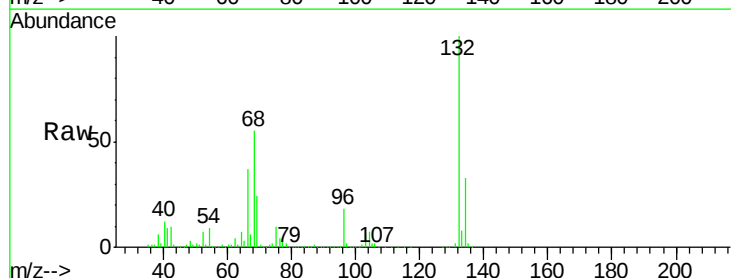
Tgt Ion: 77 Resp: 37892

Ion Ratio Lower Upper

77 100

105 73.2 63.5 103.5

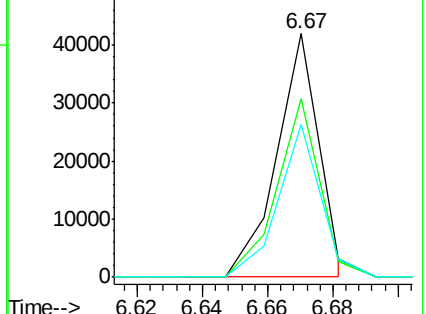
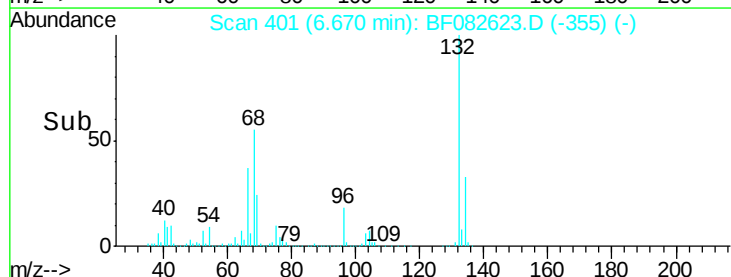
106 62.9 59.3 99.3

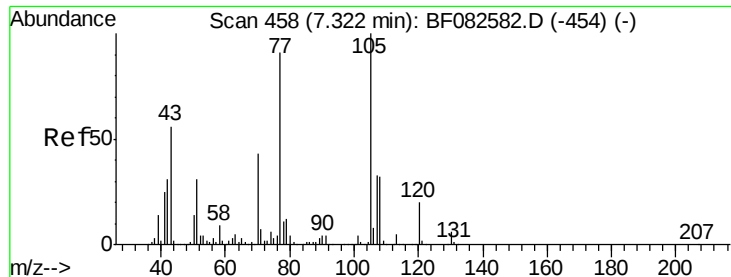


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 10.75 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF082623.D

Acq: 31 Oct 2015 16:03

Instrument :

BNA_F

ClientSampleId :

T-22R

Tgt Ion: 70 Resp: 160838

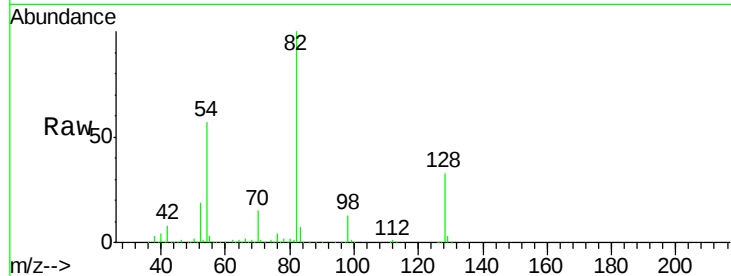
Ion Ratio Lower Upper

70 100

42 51.3 57.7 86.5#

101 0.0 7.0 10.6#

130 1.5 11.8 17.6#

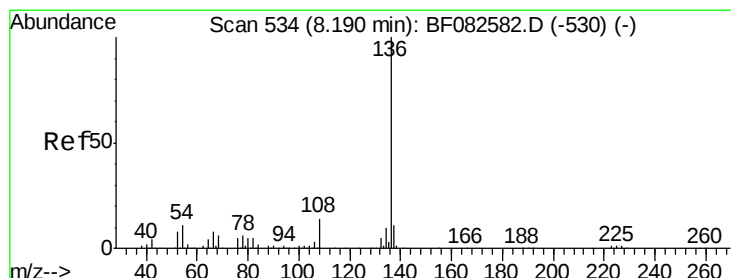
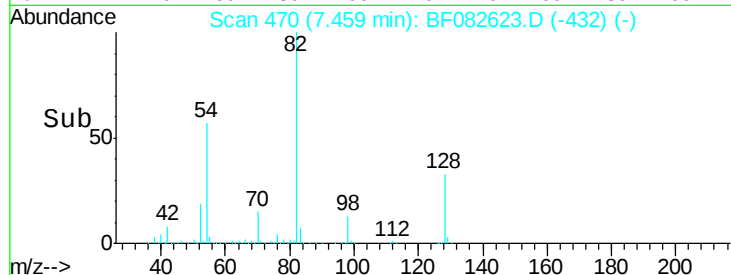
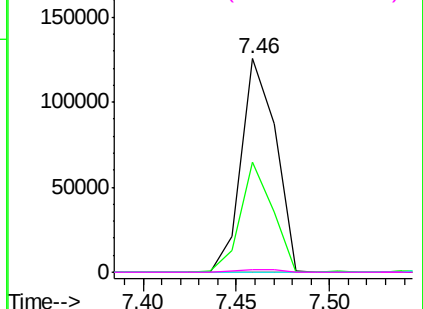


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082623.D

Acq: 31 Oct 2015 16:03

Tgt Ion: 136 Resp: 908669

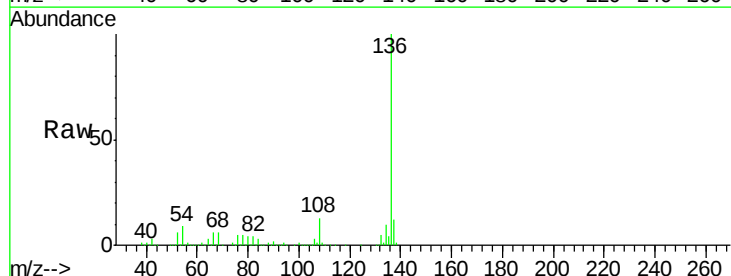
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.2 9.1 13.7

68 5.8 4.8 7.2

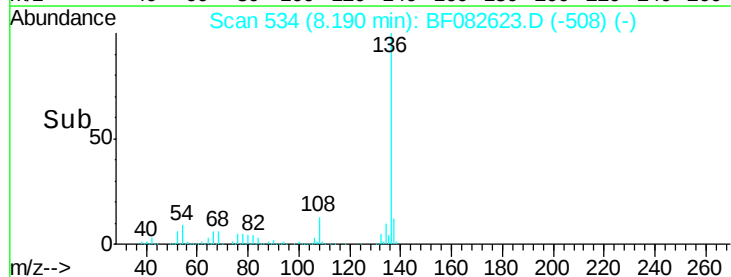
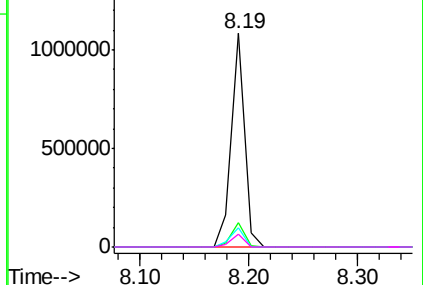


Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

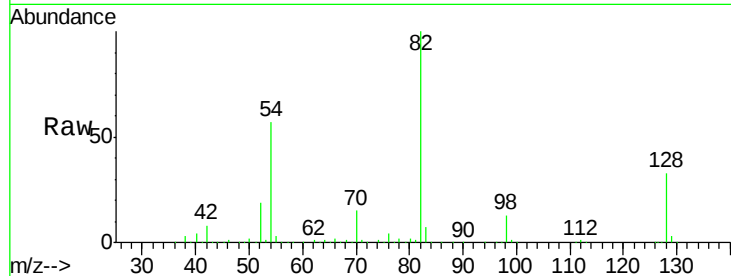




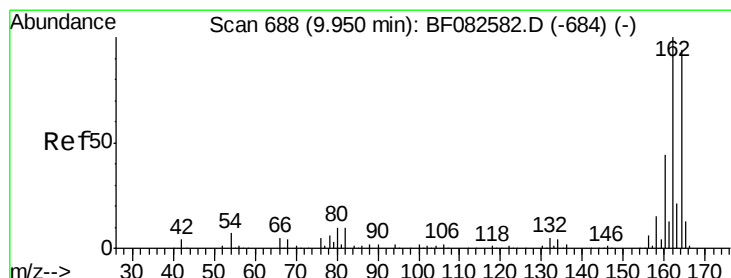
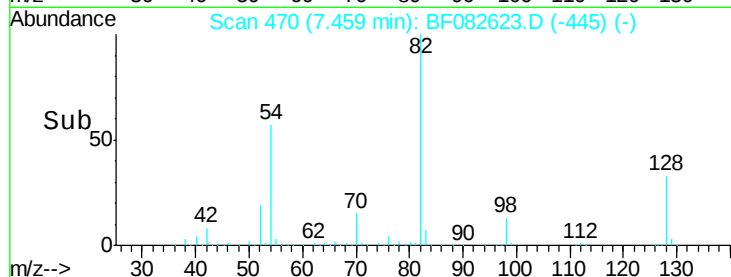
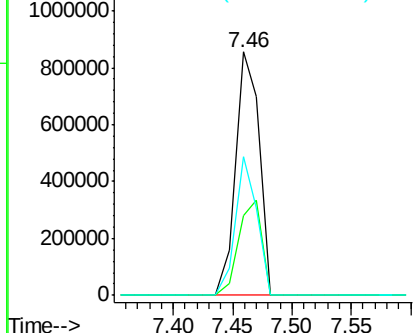
#23
 Nitrobenzene-d5
 Concen: 52.87 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF082623.D
 Acq: 31 Oct 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 T-22R

Tgt Ion: 82 Resp: 1176454
 Ion Ratio Lower Upper
 82 100
 128 33.0 26.8 40.2
 54 57.1 45.7 68.5

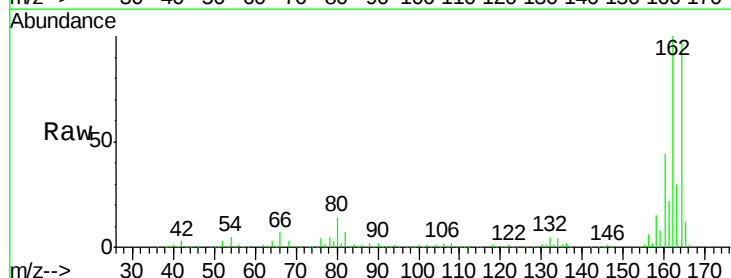


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

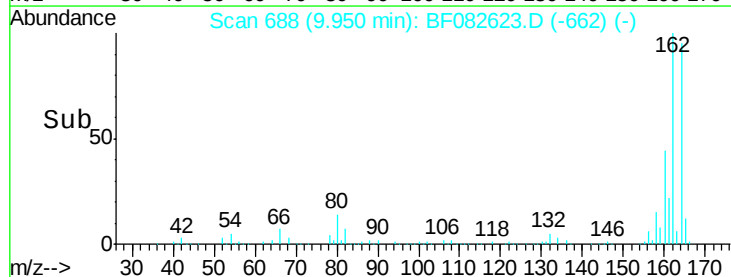
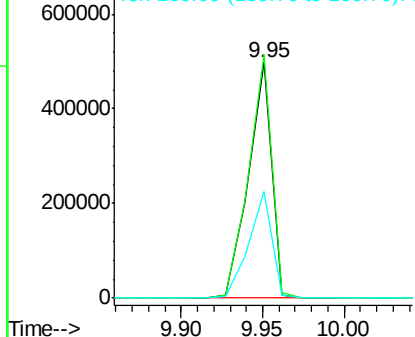


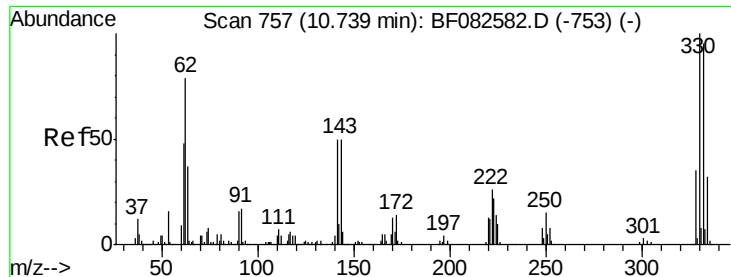
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082623.D
 Acq: 31 Oct 2015 16:03

Tgt Ion: 164 Resp: 489145
 Ion Ratio Lower Upper
 164 100
 162 103.2 84.9 127.3
 160 45.1 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

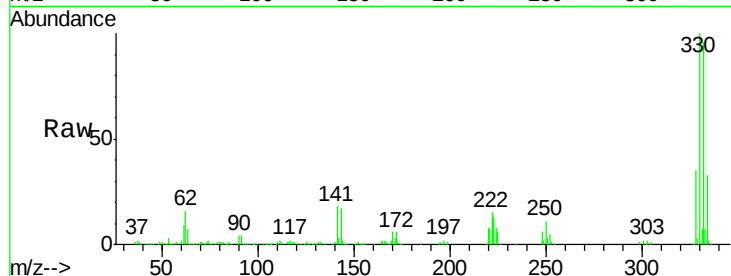




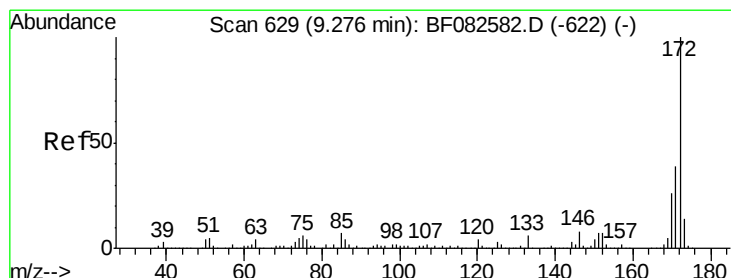
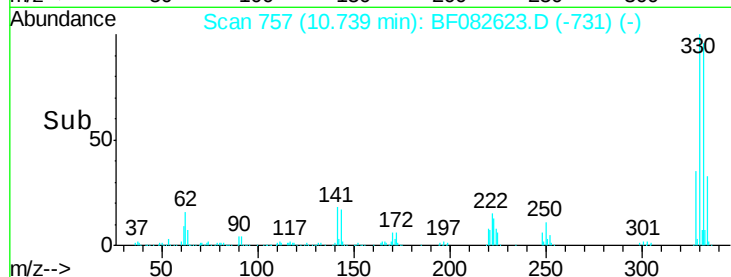
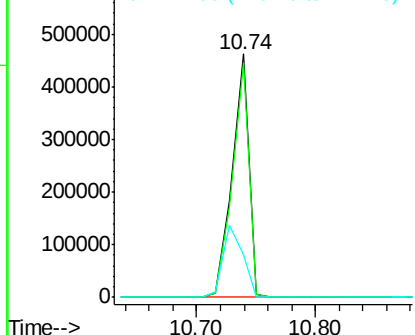
#41
 2,4,6-Tribromophenol
 Concen: 84.94 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082623.D
 Acq: 31 Oct 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :
 T-22R

Tgt Ion:330 Resp: 454727
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 35.2 41.2 61.8#

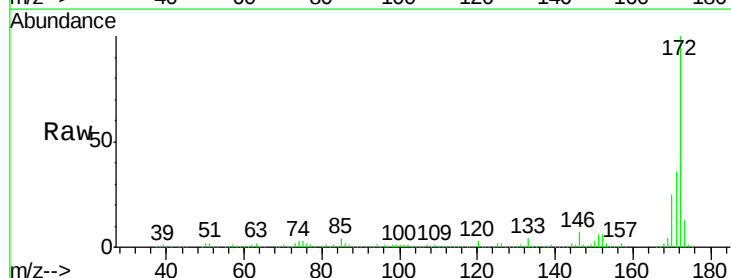


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

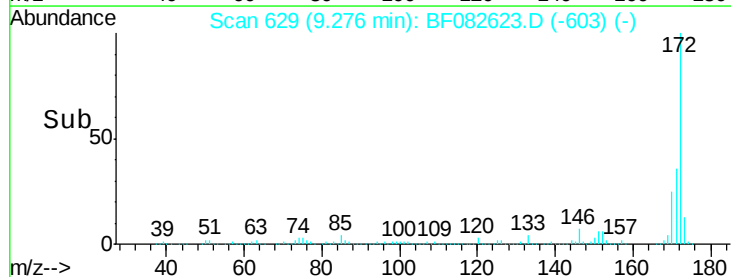
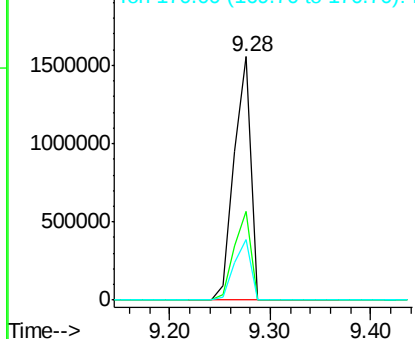


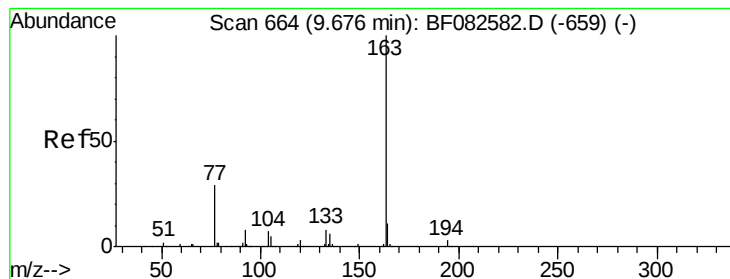
#44
 2-Fluorobiphenyl
 Concen: 52.11 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082623.D
 Acq: 31 Oct 2015 16:03

Tgt Ion:172 Resp: 1795424
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.8 46.2
 170 25.1 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: 13.15 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF082623.D

Acq: 31 Oct 2015 16:03

Instrument :

BNA_F

ClientSampleId :

T-22R

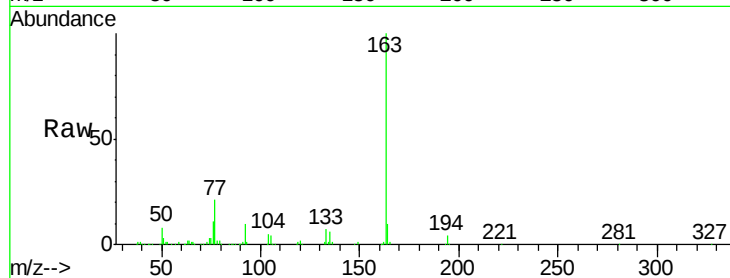
Tgt Ion:163 Resp: 525197

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

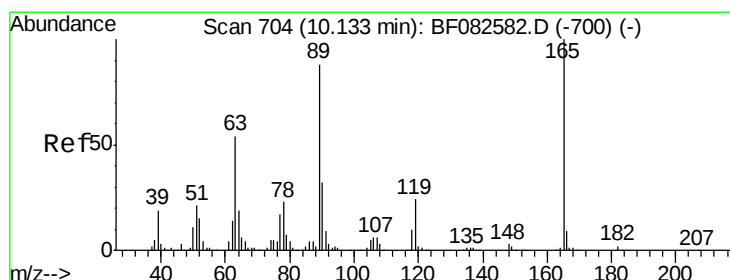
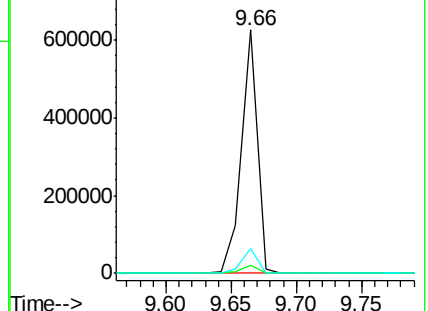
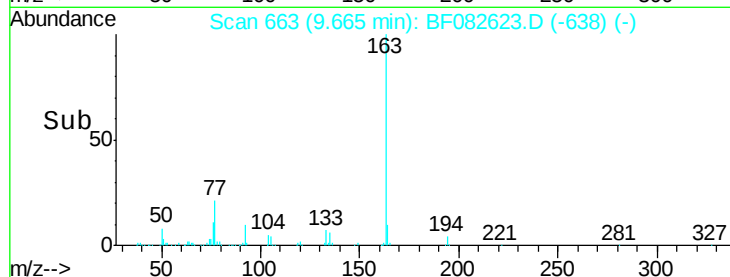
164 10.4 8.7 13.1



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



#56

2,4-Dinitrotoluene

Concen: 5.60 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.18 min

Lab File: BF082623.D

Acq: 31 Oct 2015 16:03

Tgt Ion:165 Resp: 62702

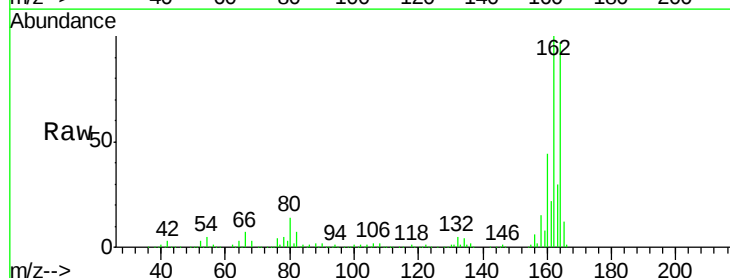
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 1.9 70.6 106.0#

182 0.0 1.5 2.3#

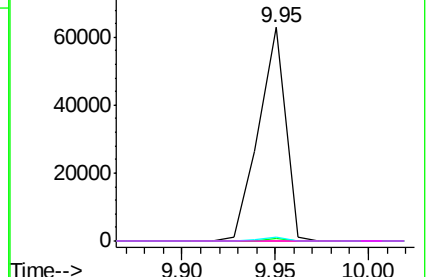
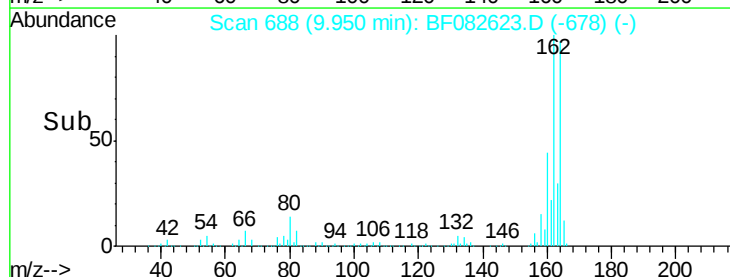


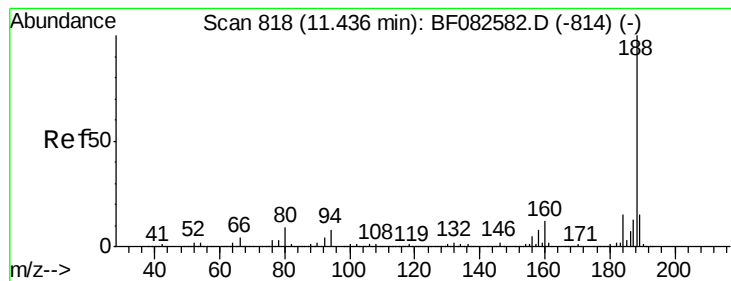
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082623.D

Acq: 31 Oct 2015 16:03

Instrument :

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T-22R

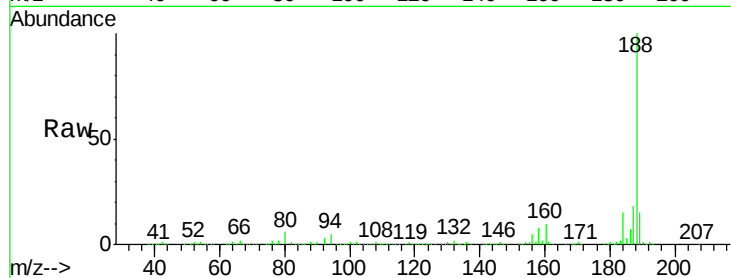
Tgt Ion:188 Resp: 838592

Ion Ratio Lower Upper

188 100

94 5.4 6.1 9.1#

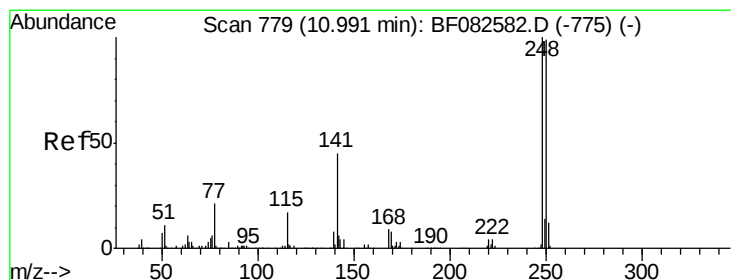
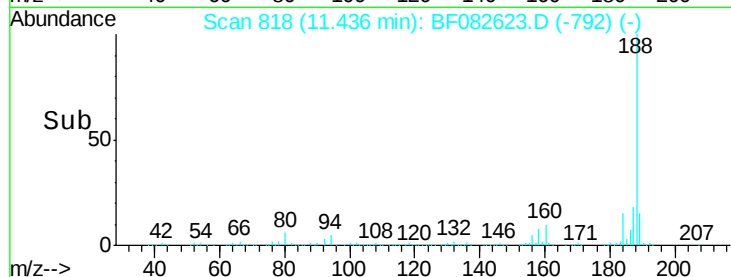
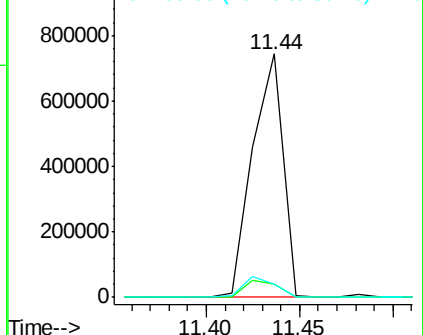
80 5.6 7.0 10.6#



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



#66

4-Bromophenyl-phenylether

Concen: 3.18 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.25 min

Lab File: BF082623.D

Acq: 31 Oct 2015 16:03

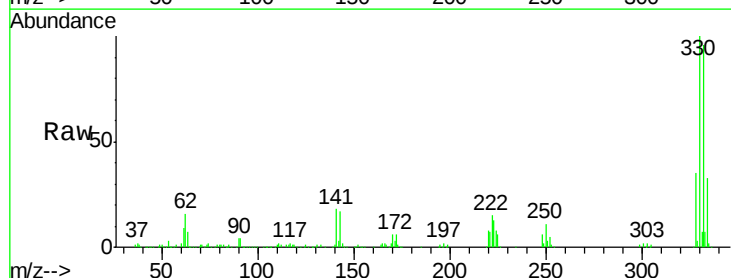
Tgt Ion:248 Resp: 30218

Ion Ratio Lower Upper

248 100

250 186.3 79.4 119.2#

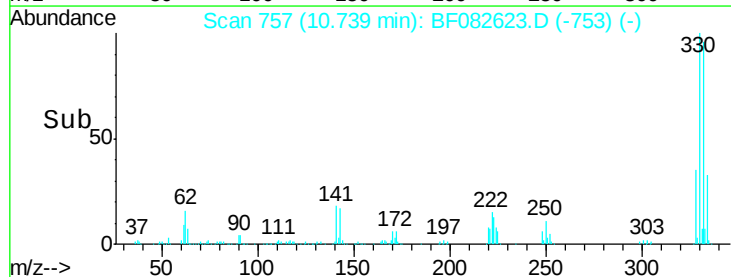
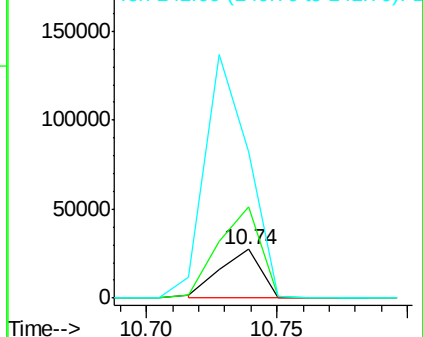
141 299.6 36.3 54.5#

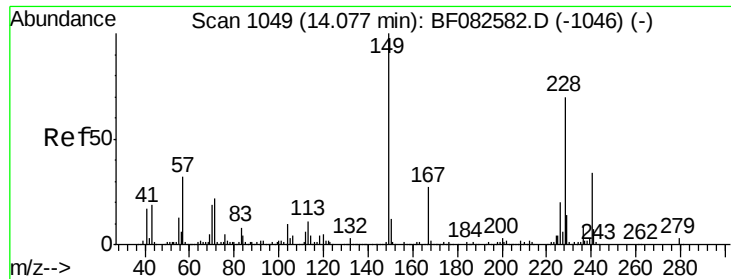


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082623.D

Acq: 31 Oct 2015 16:03

Instrument :

BNA_F

ClientSampleId :

T-22R

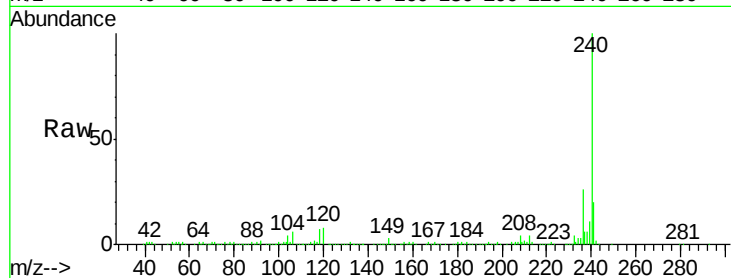
Tgt Ion:240 Resp: 553677

Ion Ratio Lower Upper

240 100

120 7.9 10.9 16.3#

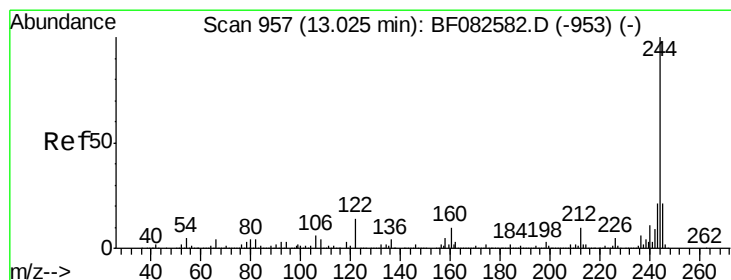
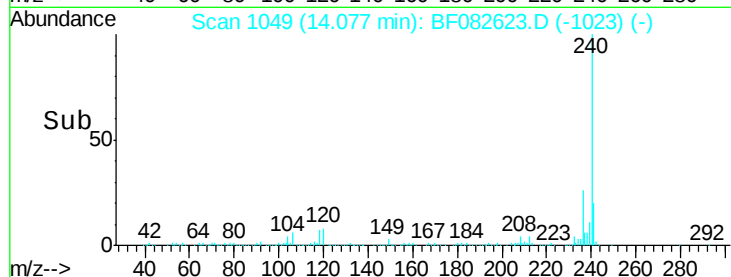
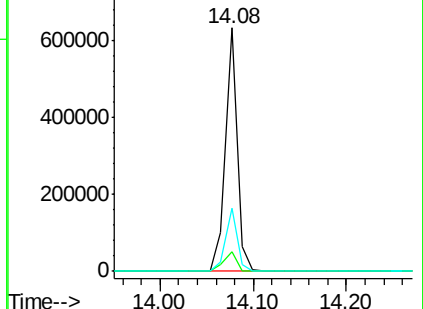
236 26.1 21.6 32.4



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: 59.14 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082623.D

Acq: 31 Oct 2015 16:03

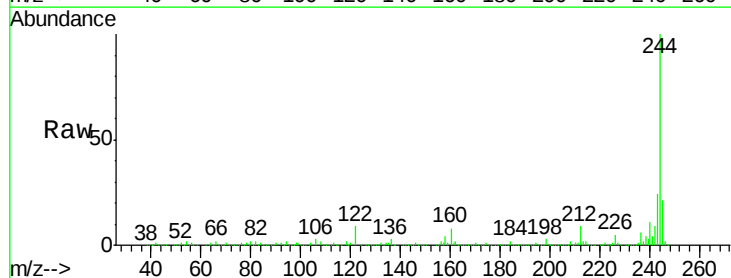
Tgt Ion:244 Resp: 1496317

Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

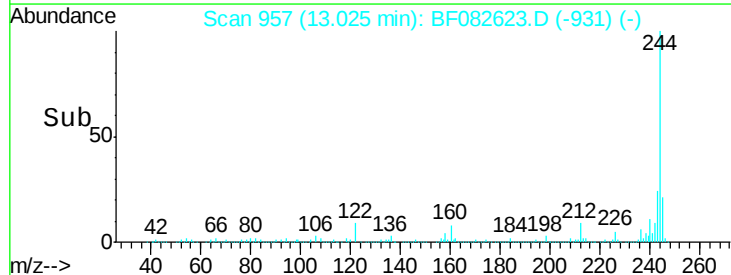
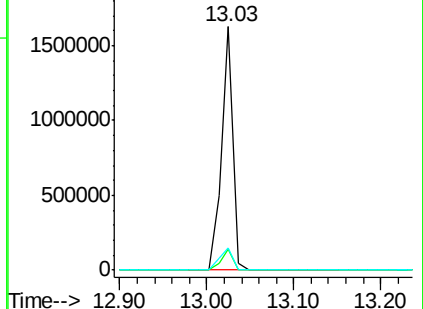
122 9.0 11.3 16.9#

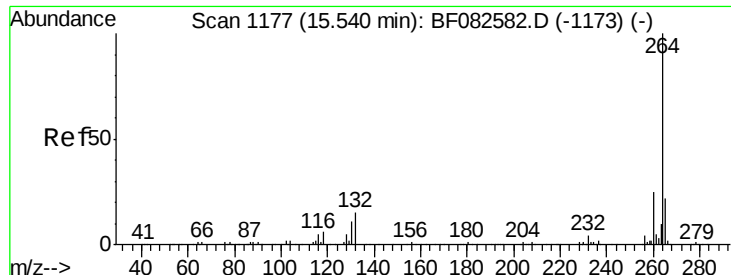


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF082623.D
Acq: 31 Oct 2015 16:03

Instrument :
BNA_F
ClientSampleId :
T-22R

Tgt Ion:	264	Resp:	489703
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	22.0	17.4	26.0

