

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
 Data File : BF081759.D
 Acq On : 23 Sep 2015 7:05
 Operator : UM/IZ
 Sample : G3748-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP202-42-44

Quant Time: Sep 23 07:50:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:42:58 2015
 Response via : Initial Calibration

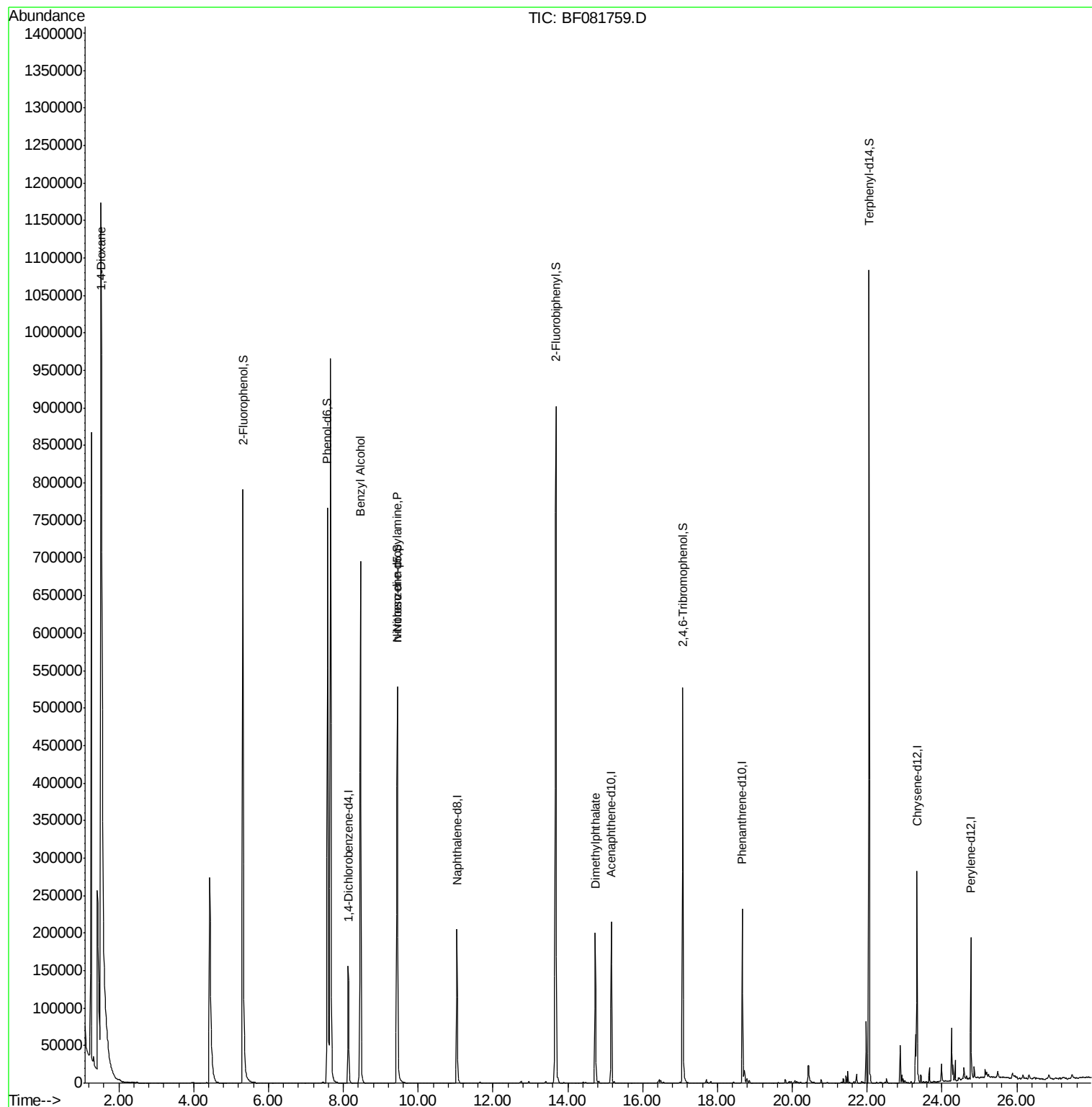
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	42525	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	166685	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	80498	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	160536	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	111352	20.00	ng	0.00
86) Perylene-d12	24.77	264	79921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	386406	140.98	ng	0.03
7) Phenol-d6	7.58	99	541896	149.36	ng	0.00
23) Nitrobenzene-d5	9.44	82	340026	98.42	ng	-0.01
41) 2,4,6-Tribromophenol	17.08	330	112476	156.92	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	561509	89.39	ng	-0.01
78) Terphenyl-d14	22.05	244	433767	90.68	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.52	88	75706	61.50	ng	# 11
15) Benzyl Alcohol	8.46	79	6329	2.13	ng	# 36
19) n-Nitroso-di-n-propylamine	9.44	70	44232	17.91	ng	# 68
49) Dimethylphthalate	14.73	163	144294	23.07	ng	# 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF081759.D

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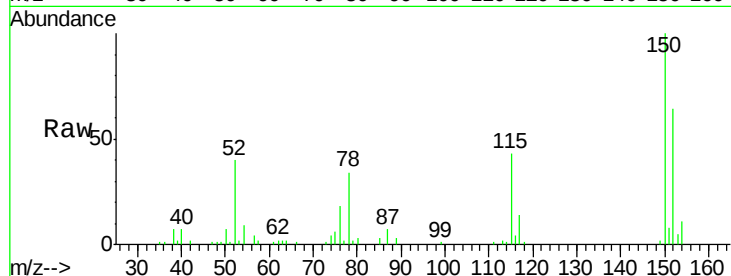
Tgt Ion:152 Resp: 42525

Ion Ratio Lower Upper

152 100

150 155.1 124.7 187.1

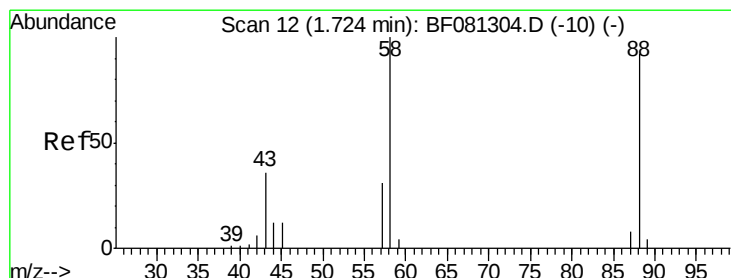
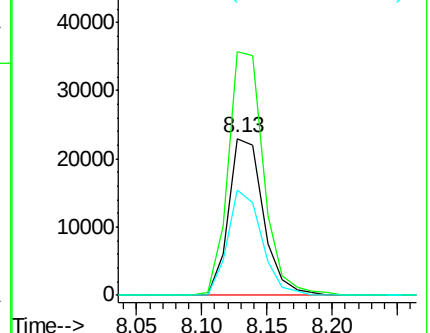
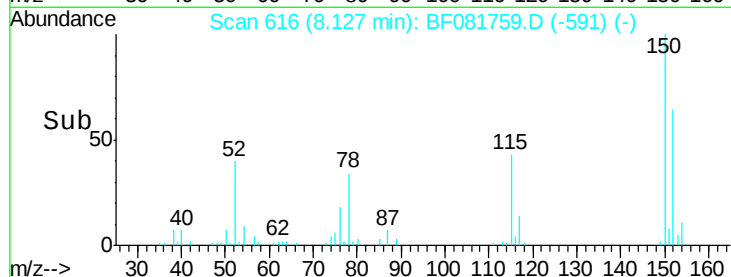
115 66.8 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 61.50 ng

RT: 1.52 min Scan# 38

Delta R.T. 0.01 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

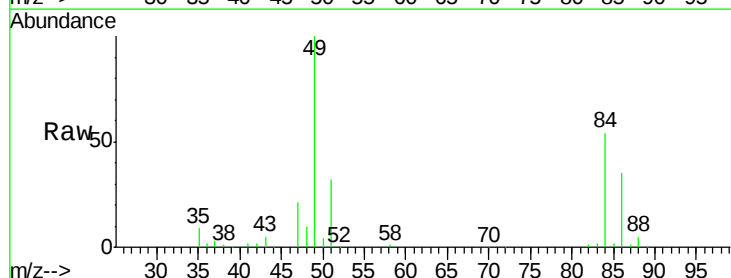
Tgt Ion: 88 Resp: 75706

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

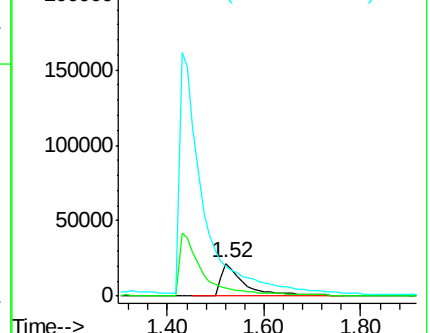
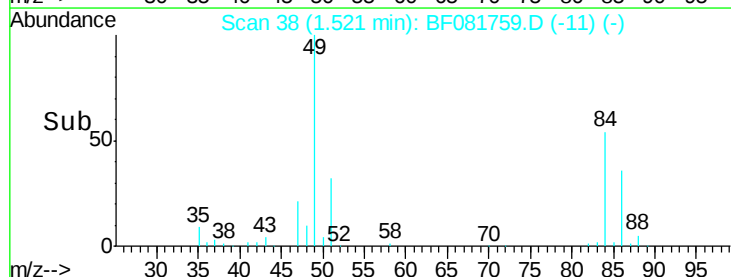
43 0.0 26.6 40.0#

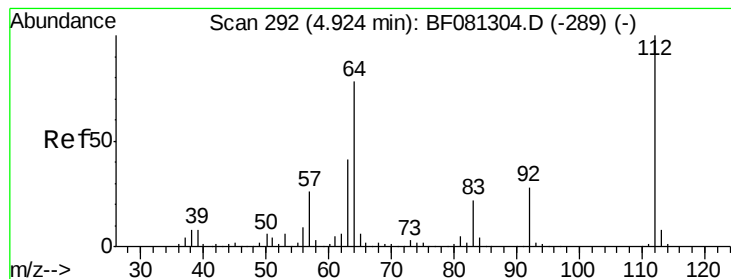


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 140.98 ng

RT: 5.32 min Scan# 370

Delta R.T. 0.03 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

Instrument :

BNA_F

ClientSampleId :

MGP202-42-44

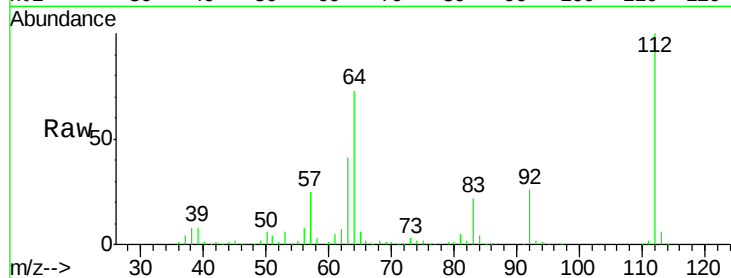
Tgt Ion: 112 Resp: 386406

Ion Ratio Lower Upper

112 100

64 72.6 39.7 59.5#

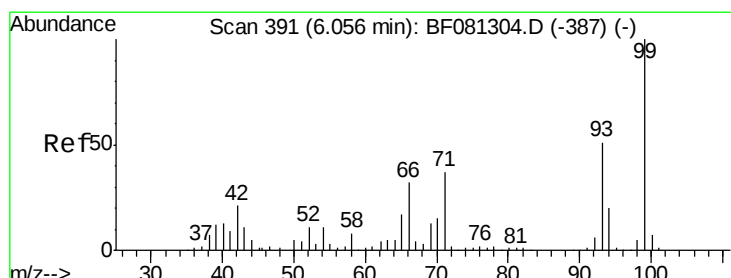
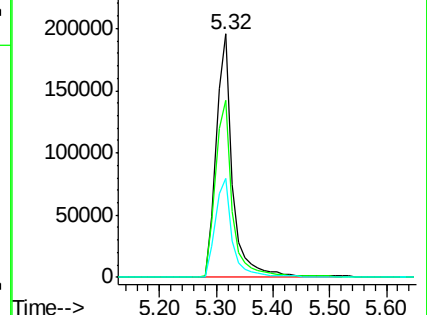
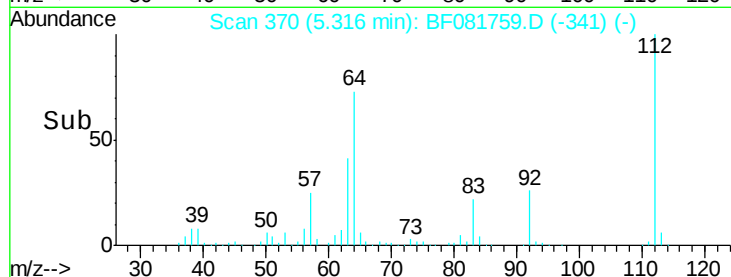
63 40.5 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 149.36 ng

RT: 7.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

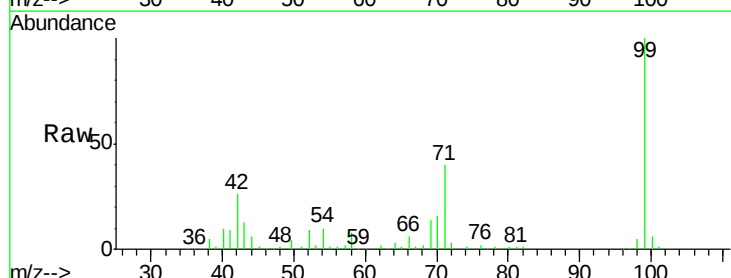
Tgt Ion: 99 Resp: 541896

Ion Ratio Lower Upper

99 100

42 26.0 13.7 20.5#

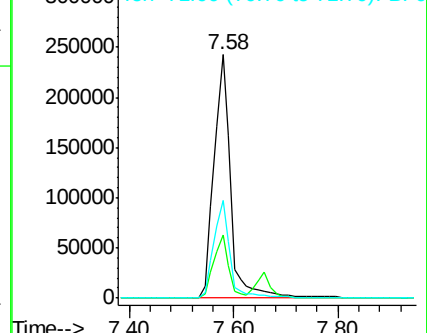
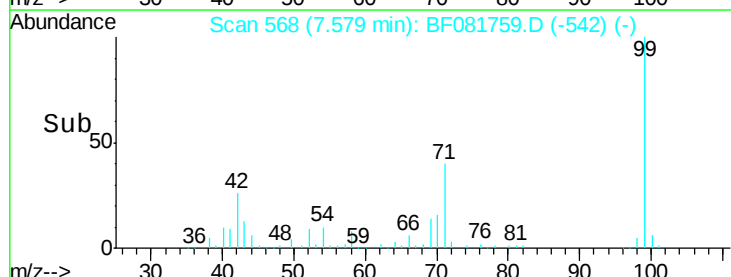
71 40.3 14.2 21.2#

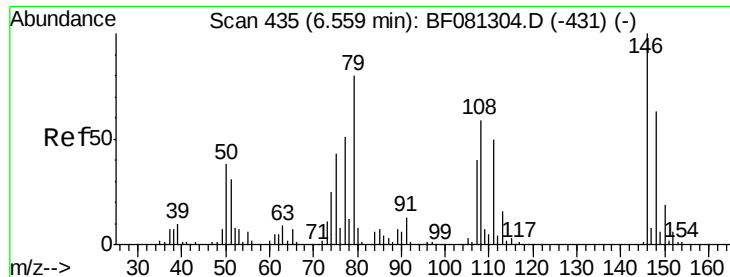


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 8.46 min Scan# 645

Delta R.T. -0.14 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

Instrument :

BNA_F

ClientSampleId :

MGP202-42-44

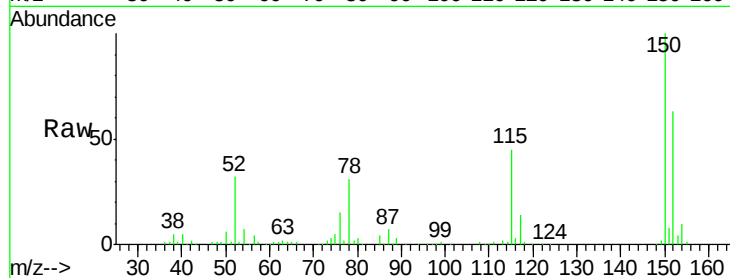
Tgt Ion: 79 Resp: 6329

Ion Ratio Lower Upper

79 100

108 24.5 88.6 132.8#

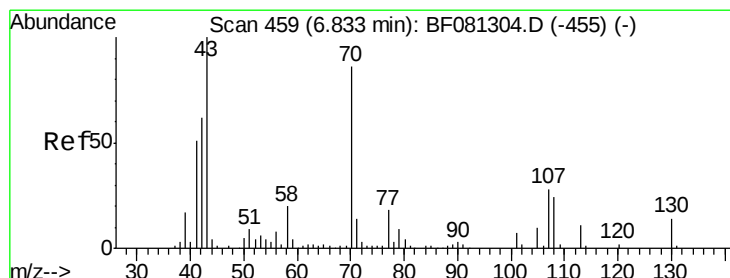
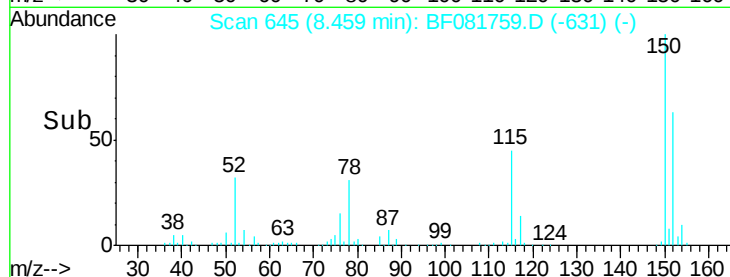
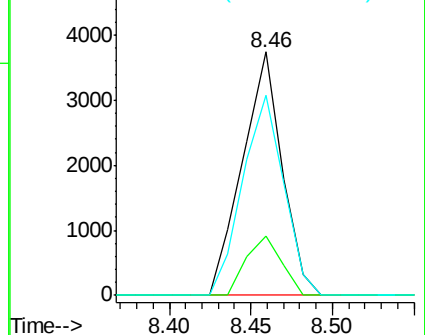
77 82.0 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.91 ng

RT: 9.44 min Scan# 731

Delta R.T. 0.22 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

Tgt Ion: 70 Resp: 44232

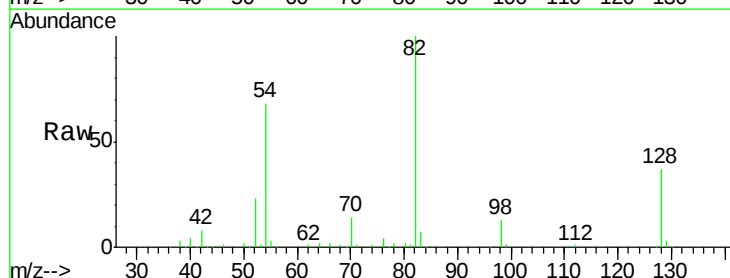
Ion Ratio Lower Upper

70 100

42 60.0 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

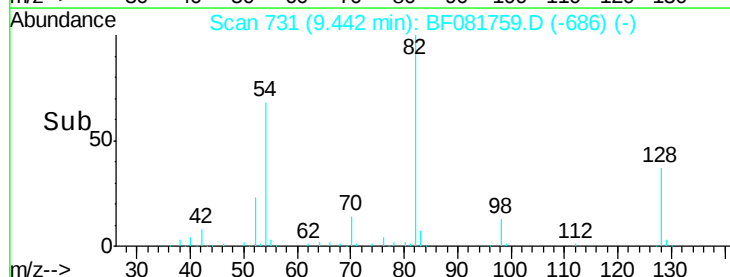
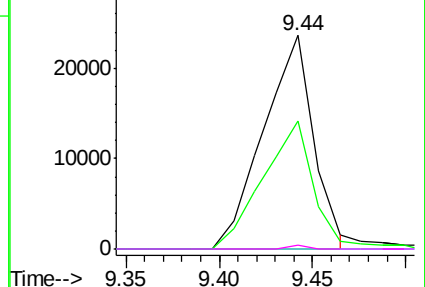


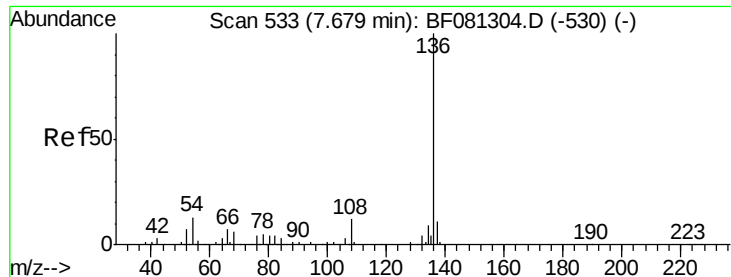
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 11.03 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

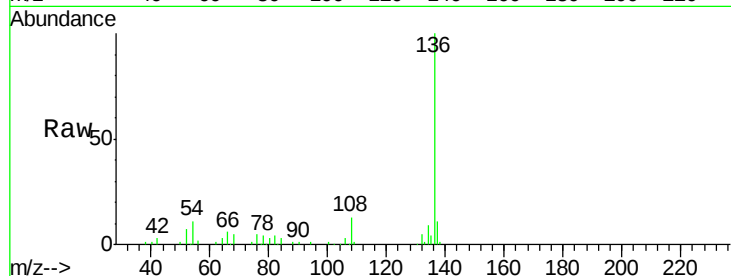
Instrument :

BNA_F

ClientSampleId :

MGP202-42-44

Tgt Ion:	136	Resp:	166685
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	11.2	8.2	12.2
68	4.9	5.8	8.6#

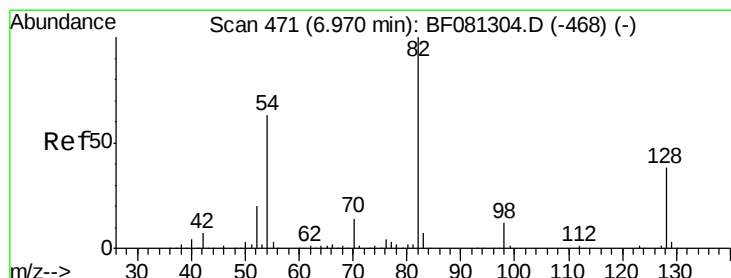
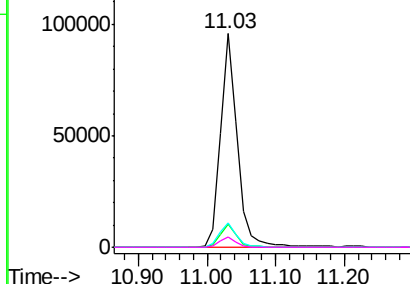
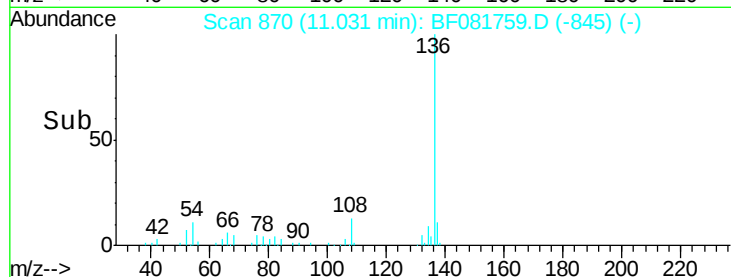


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.42 ng

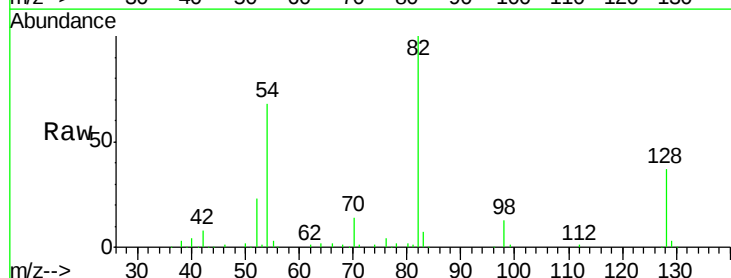
RT: 9.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

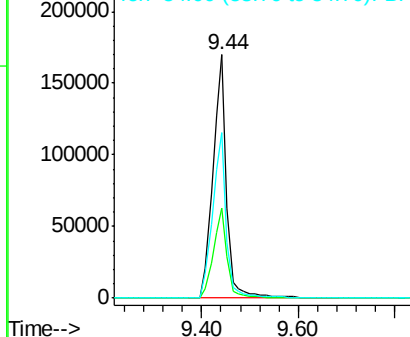
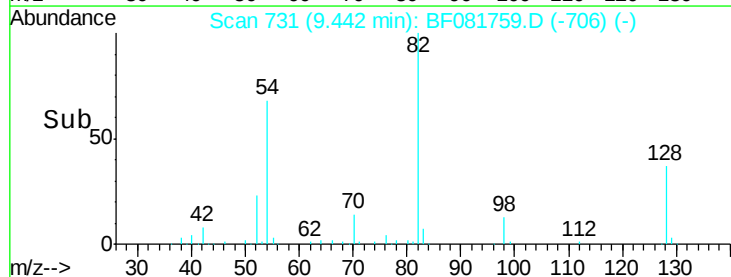
Tgt Ion:	82	Resp:	340026
Ion	Ratio	Lower	Upper
82	100		
128	37.2	51.0	76.6#
54	68.2	47.5	71.3

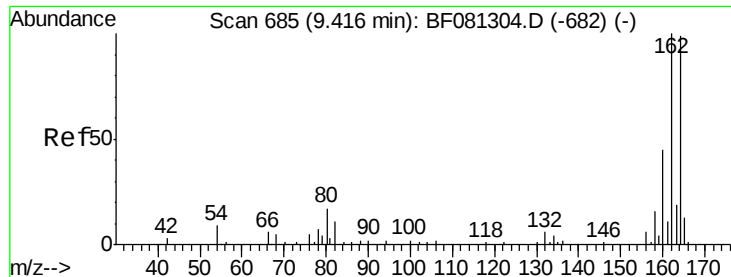


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

Instrument :

BNA_F

ClientSampleId :

MGP202-42-44

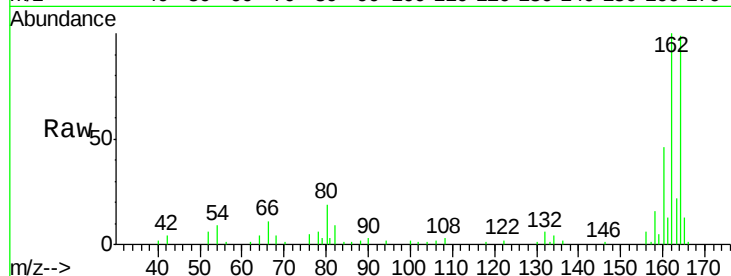
Tgt Ion:164 Resp: 80498

Ion Ratio Lower Upper

164 100

162 101.1 75.2 112.8

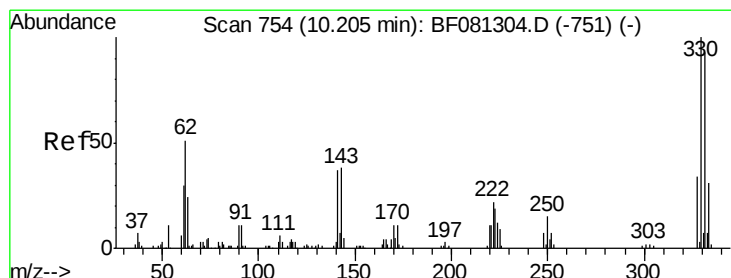
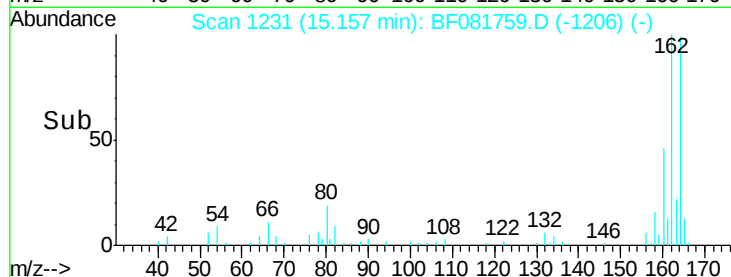
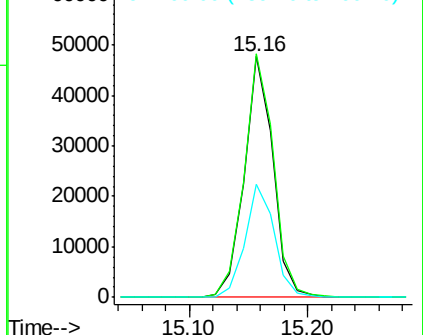
160 46.7 31.5 47.3



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: 156.92 ng

RT: 17.08 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

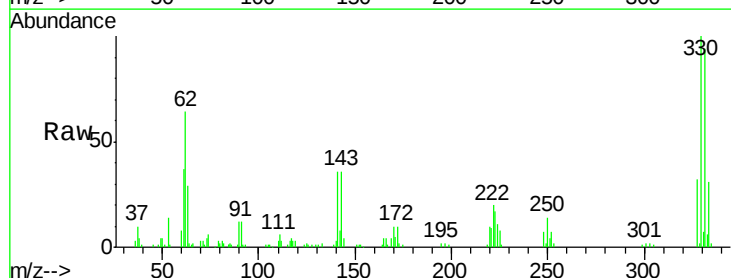
Tgt Ion:330 Resp: 112476

Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

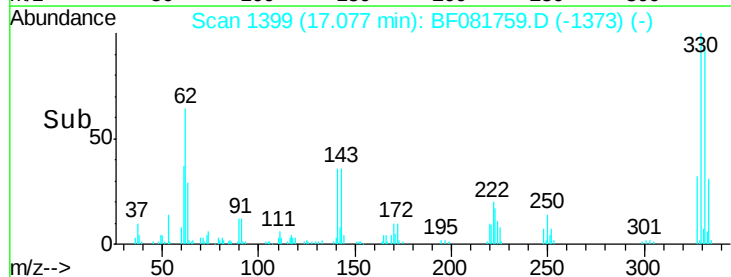
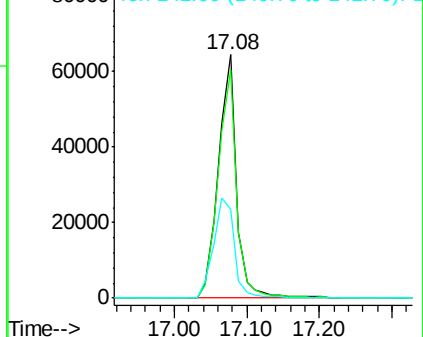
141 47.1 29.7 44.5#

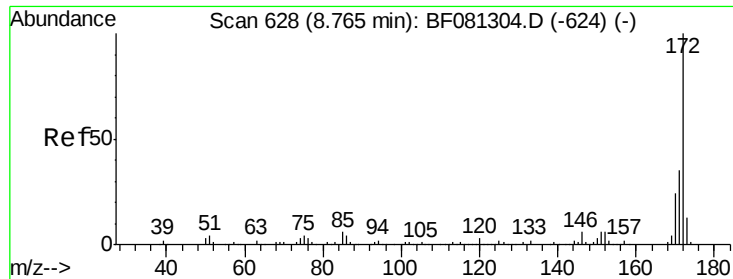


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

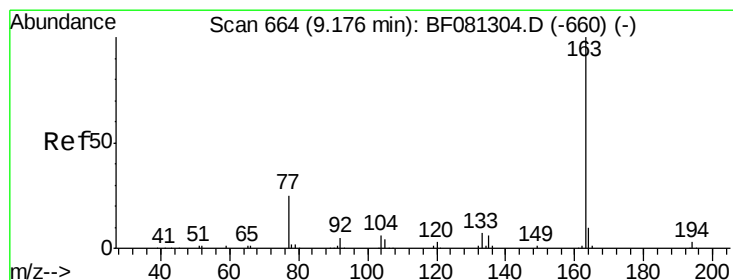
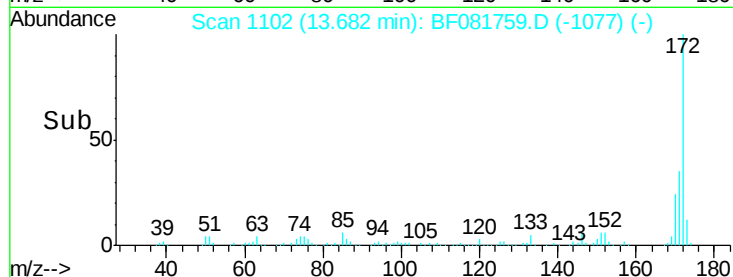
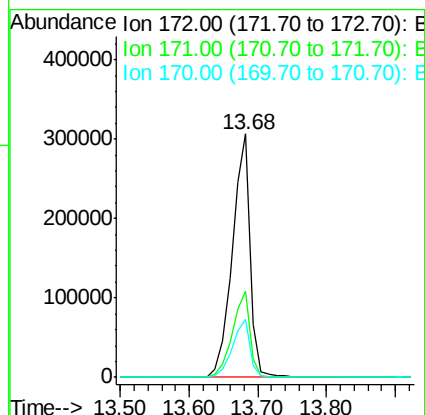
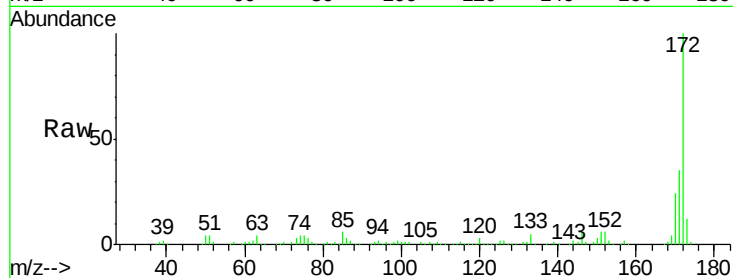




#44
 2-Fluorobiphenyl
 Concen: 89.39 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081759.D
 Acq: 23 Sep 2015 7:05

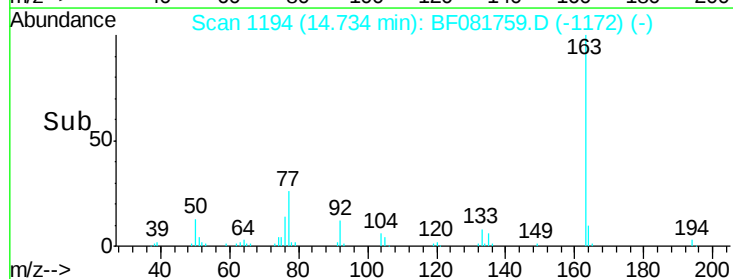
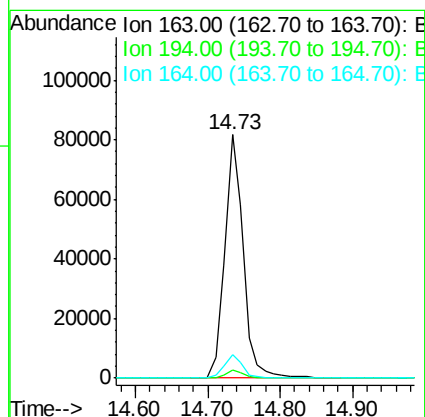
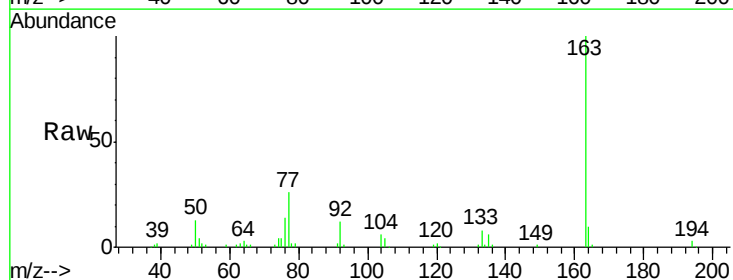
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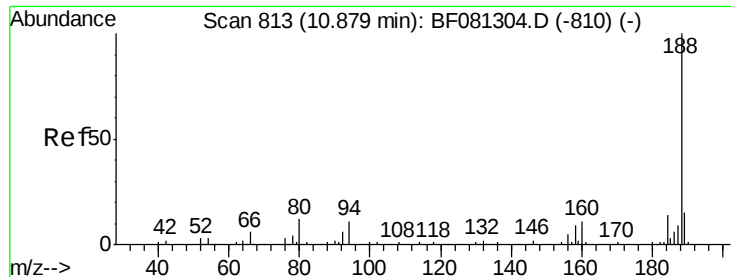
Tgt Ion:172 Resp: 561509
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.0 17.4 26.2



#49
 Dimethylphthalate
 Concen: 23.07 ng
 RT: 14.73 min Scan# 1194
 Delta R.T. -0.05 min
 Lab File: BF081759.D
 Acq: 23 Sep 2015 7:05

Tgt Ion:163 Resp: 144294
 Ion Ratio Lower Upper
 163 100
 194 3.2 4.4 6.6#
 164 9.8 8.3 12.5

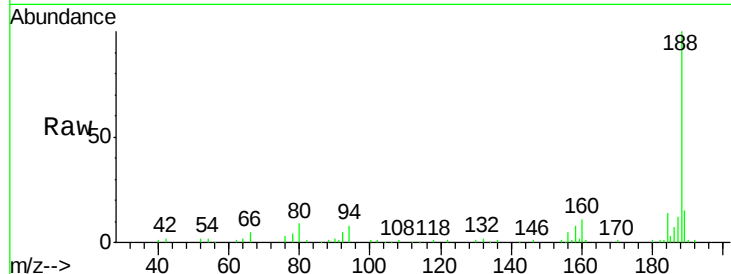




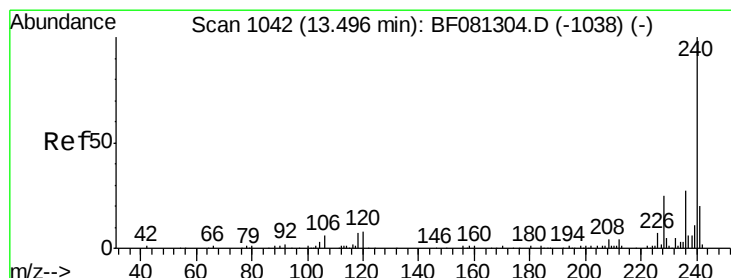
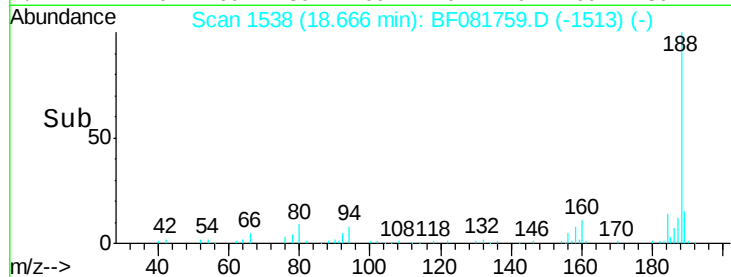
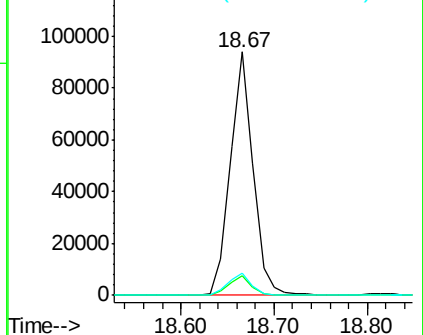
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.67 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF081759.D
Acq: 23 Sep 2015 7:05

Instrument :
BNA_F
ClientSampleId :
MGP202-42-44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	11.1	16.7#
80	9.1	11.0	16.4#

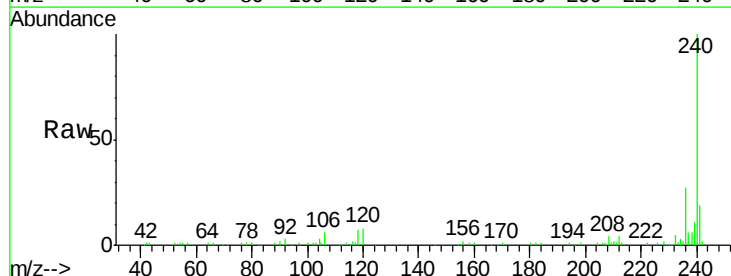


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

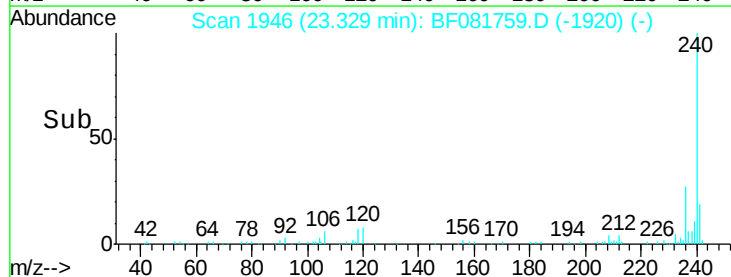
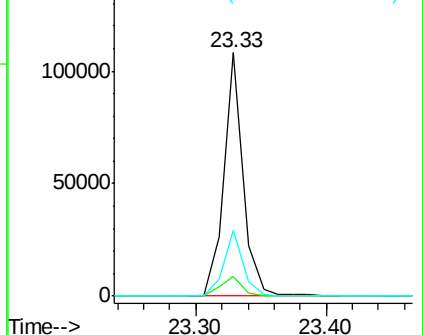


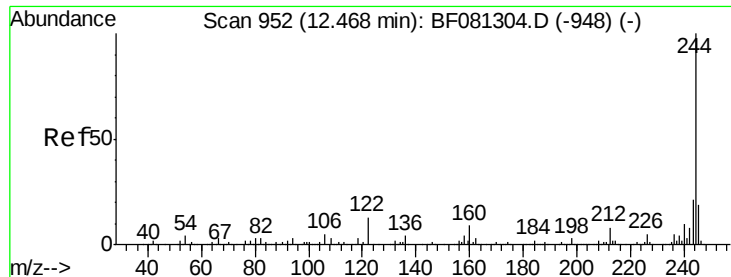
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.33 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BF081759.D
Acq: 23 Sep 2015 7:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	16.2	24.2#
236	26.8	18.4	27.6



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: 90.68 ng

RT: 22.05 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

Instrument :

BNA_F

ClientSampleId :

MGP202-42-44

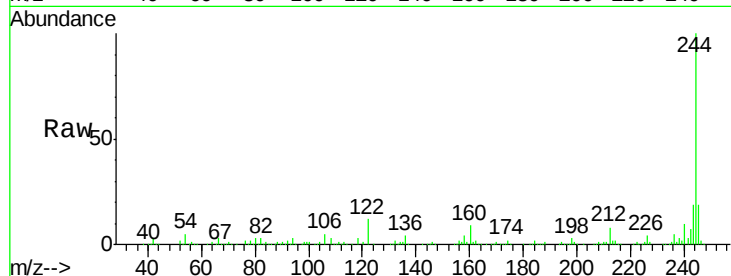
Tgt Ion:244 Resp: 433767

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

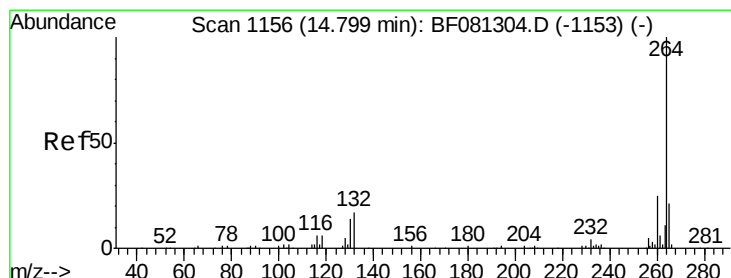
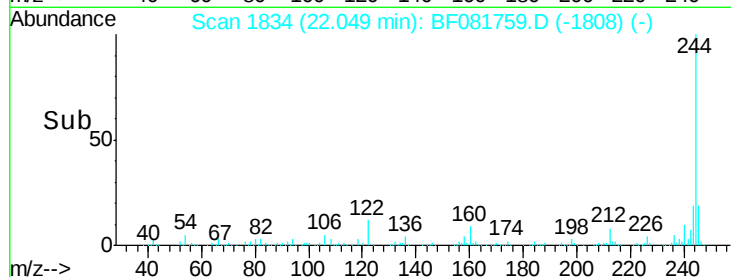
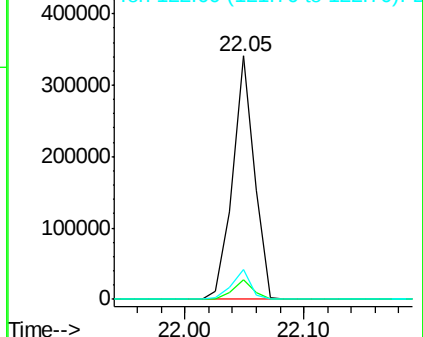
122 12.5 17.4 26.2#



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: 24.77 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

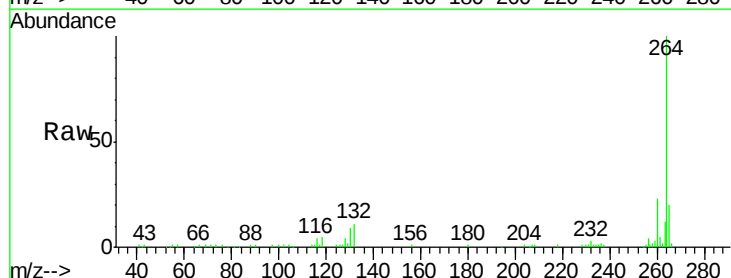
Tgt Ion:264 Resp: 79921

Ion Ratio Lower Upper

264 100

260 23.0 16.7 25.1

265 20.3 17.2 25.8



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

