

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
 Data File : BG022284.D
 Acq On : 10 Jun 2016 7:51
 Operator : UM/SJ
 Sample : H3396-09
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STA-980-PLATFORM(0-4)

Quant Time: Jun 10 08:28:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	35570	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	175647	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	99715	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	194866	20.00	ng	0.00
75) Chrysene-d12	21.77	240	176684	20.00	ng	0.00
86) Perylene-d12	25.07	264	151584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	279124	151.72	ng	0.00
7) Phenol-d6	7.28	99	383533	132.59	ng	0.00
23) Nitrobenzene-d5	9.29	82	251273	99.73	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	145627	129.25	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	669955	102.39	ng	0.00
78) Terphenyl-d14	20.08	244	787643	105.84	ng	0.00

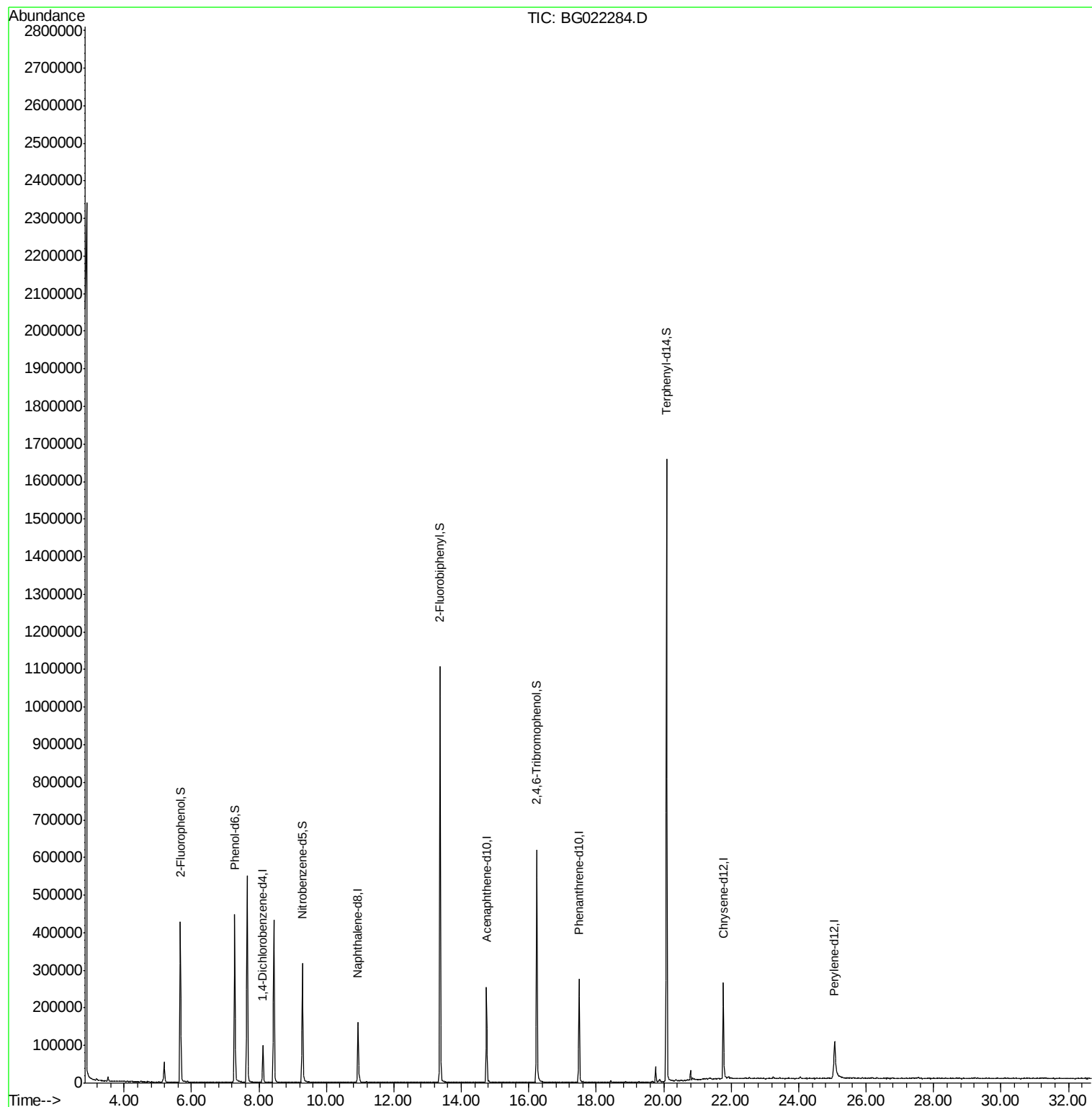
Target Compounds Qvalue

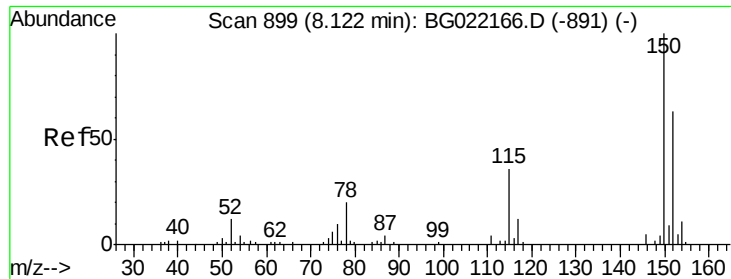
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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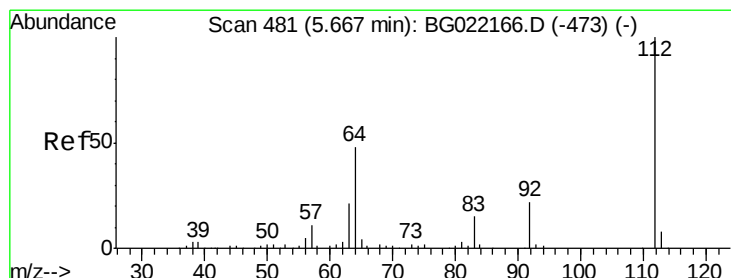
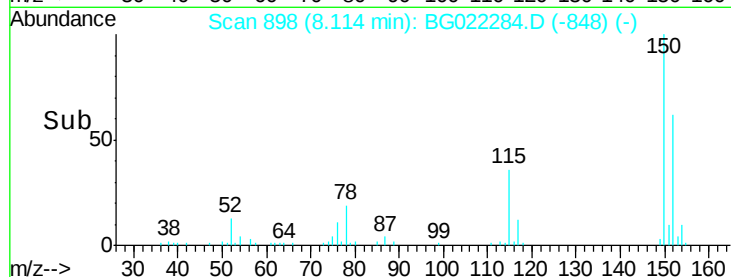
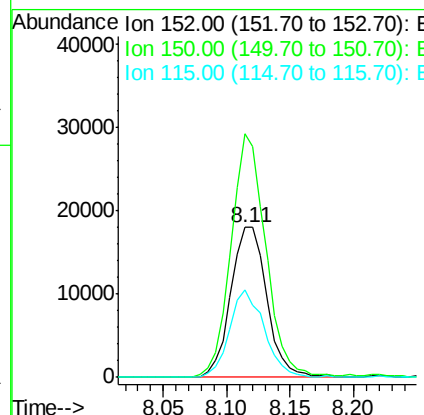
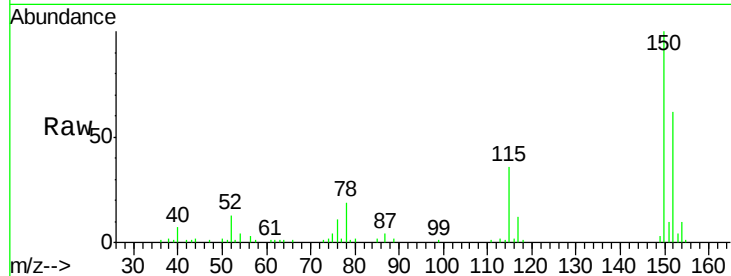


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022284.D
Acq: 10 Jun 2016 7:51

Instrument :
BNA_G
ClientSampleId :
STA-980-PLATFORM(0-4)

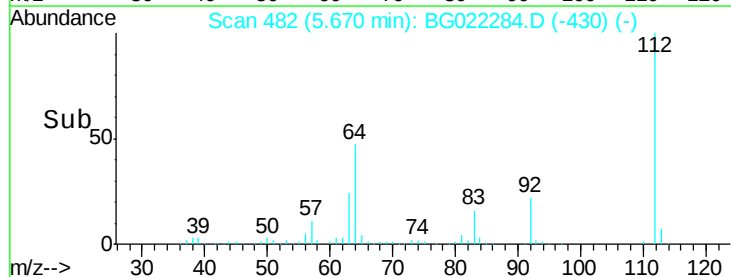
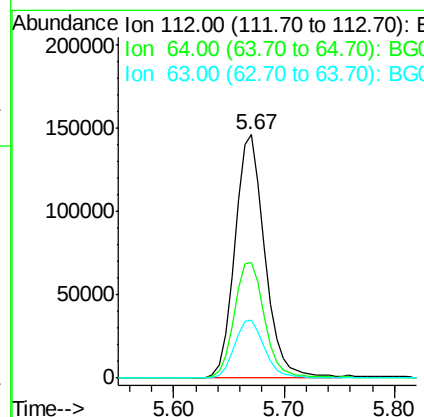
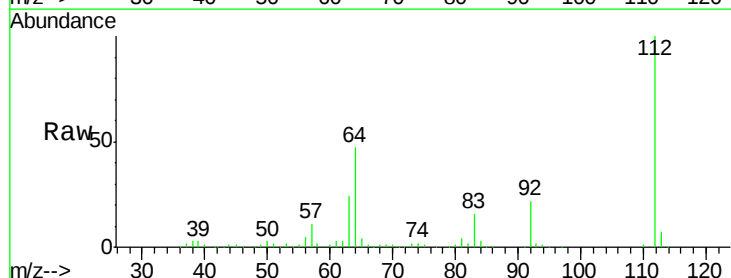
Tot Ion:152 Resp: 35570
Ion Ratio Lower Upper
152 100
150 162.2 130.1 195.1
115 58.5 62.2 93.2#

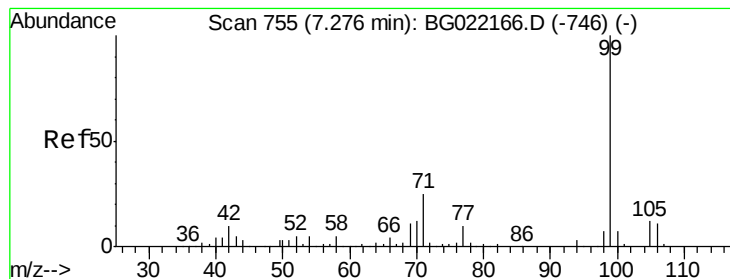


#5

2-Fluorophenol
Concen: 151.72 ng
RT: 5.67 min Scan# 482
Delta R.T. 0.00 min
Lab File: BG022284.D
Acq: 10 Jun 2016 7:51

Tgt Ion:112 Resp: 279124
Ion Ratio Lower Upper
112 100
64 47.3 51.1 76.7#
63 23.9 24.6 37.0#





#7

Phenol-d6

Concen: 132.59 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022284.D

Acq: 10 Jun 2016 7:51

Instrument :

BNA_G

ClientSampleId :

STA-980-PLATFORM(0-4)

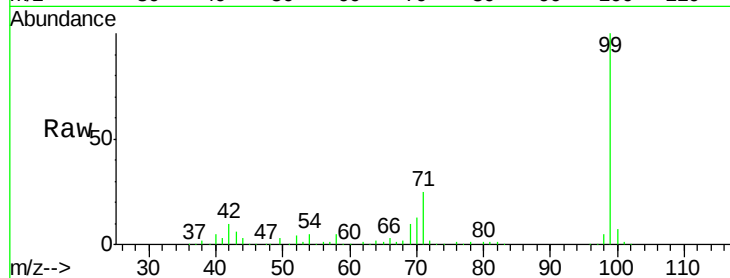
Tot Ion: 99 Resp: 383533

Ion Ratio Lower Upper

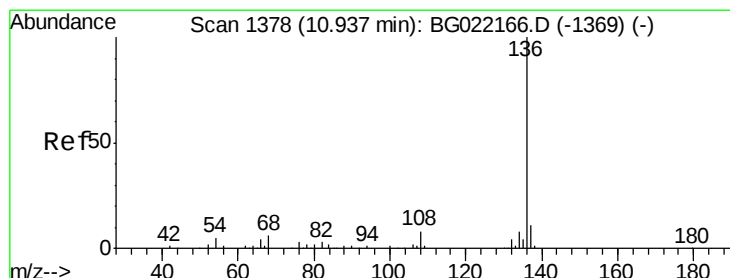
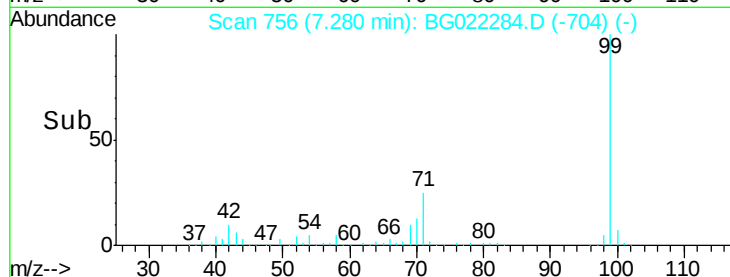
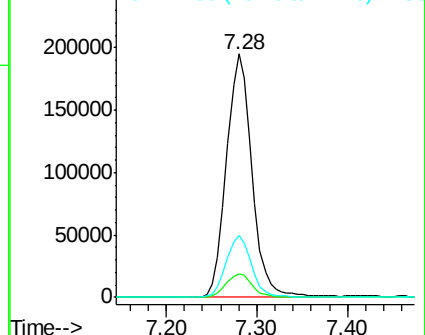
99 100

42 9.9 16.4 24.6#

71 25.4 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022284.D

Acq: 10 Jun 2016 7:51

Tgt Ion: 136 Resp: 175647

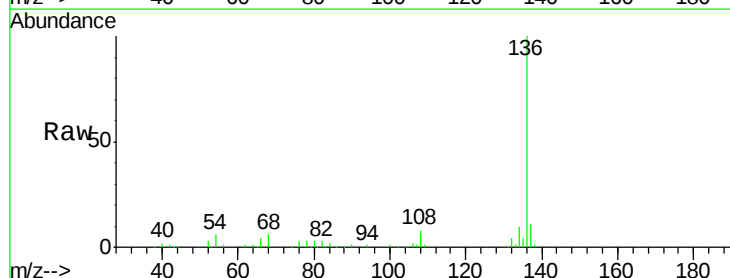
Ion Ratio Lower Upper

136 100

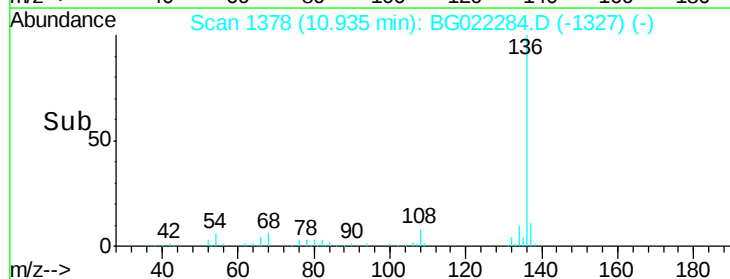
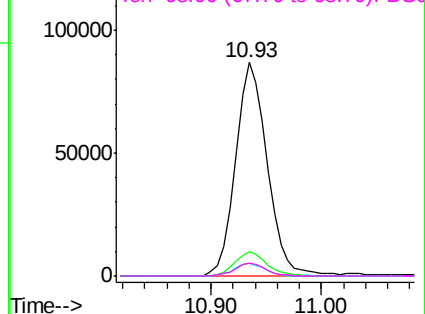
137 11.3 9.0 13.4

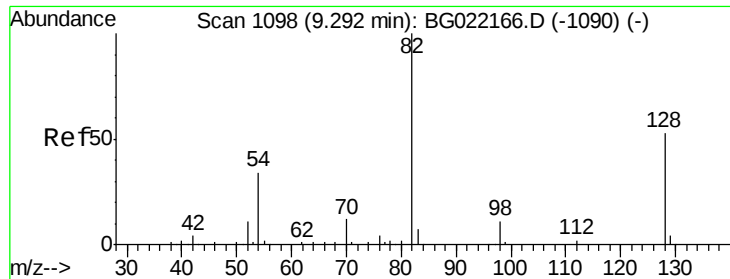
54 6.0 9.6 14.4#

68 6.3 6.4 9.6#



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

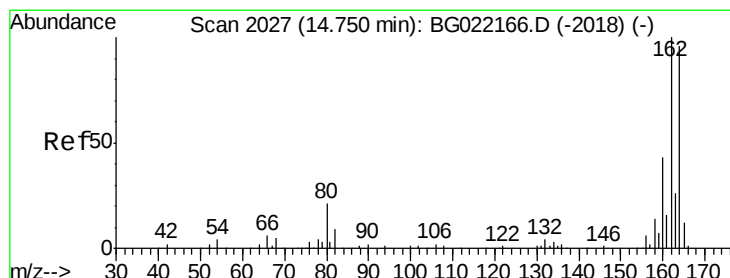
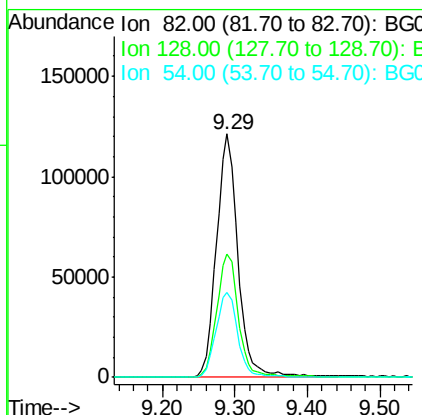
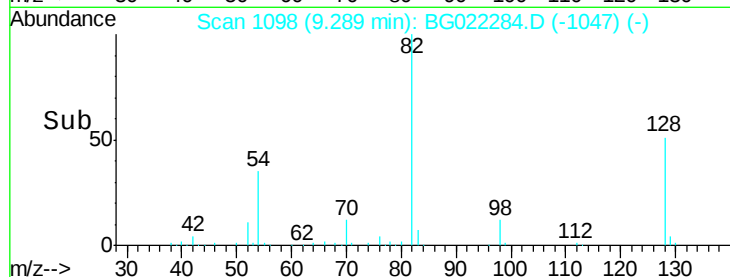
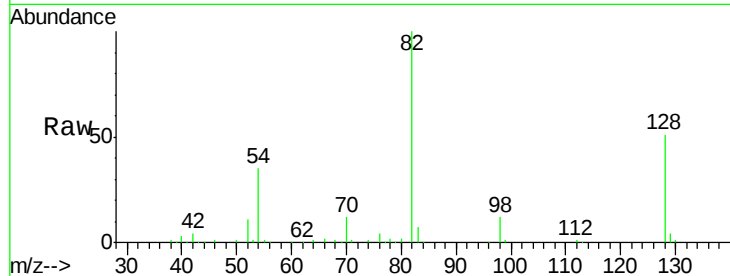




#23
Nitrobenzene-d5
Concen: 99.73 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022284.D
Acq: 10 Jun 2016 7:51

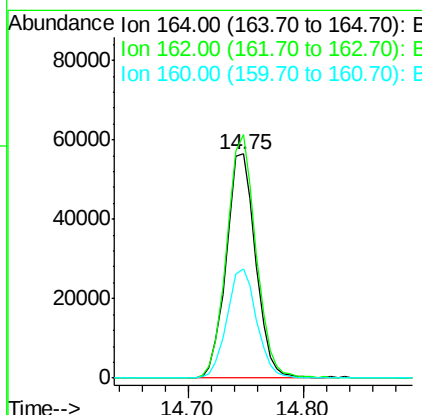
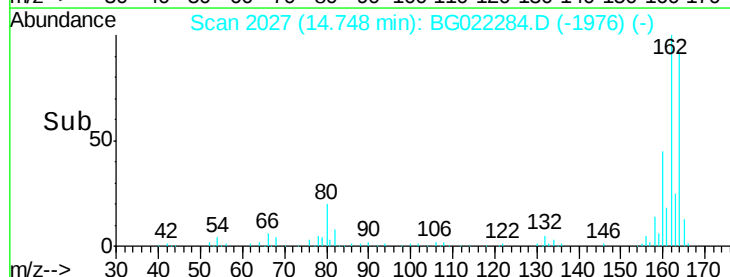
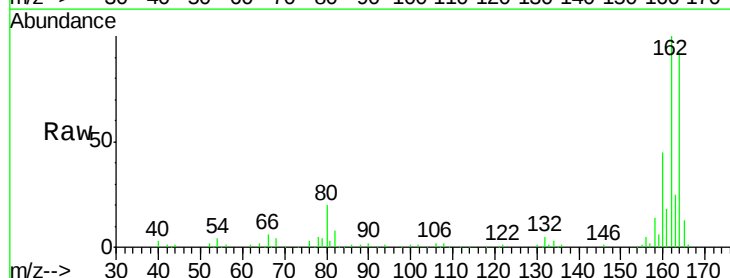
Instrument :
BNA_G
ClientSampleId :
STA-980-PLATFORM(0-4)

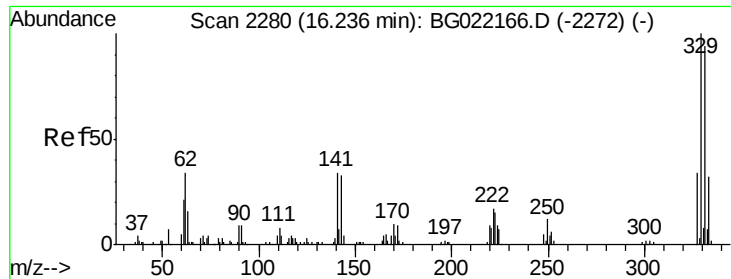
Tot Ion: 82 Resp: 251273
Ion Ratio Lower Upper
82 100
128 50.8 33.4 50.0#
54 35.1 46.1 69.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022284.D
Acq: 10 Jun 2016 7:51

Tgt Ion:164 Resp: 99715
Ion Ratio Lower Upper
164 100
162 108.6 78.0 117.0
160 48.7 32.9 49.3

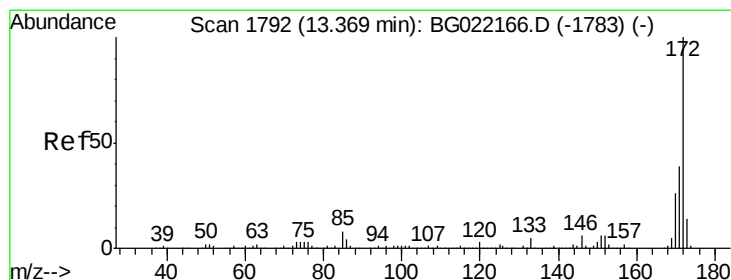
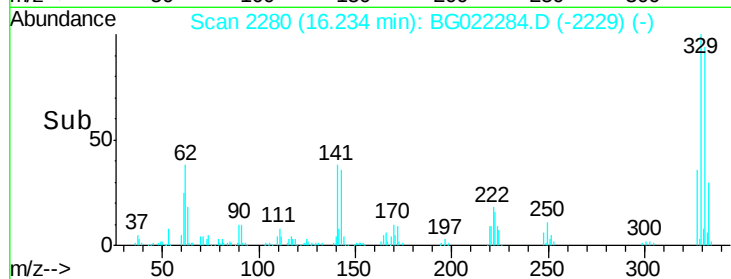
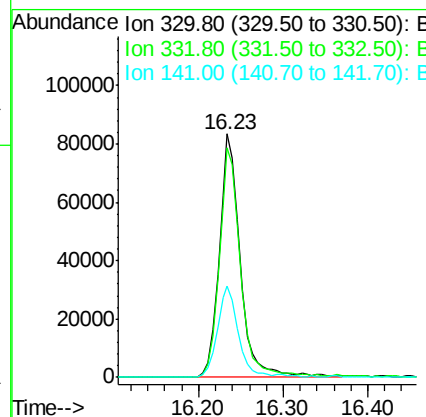
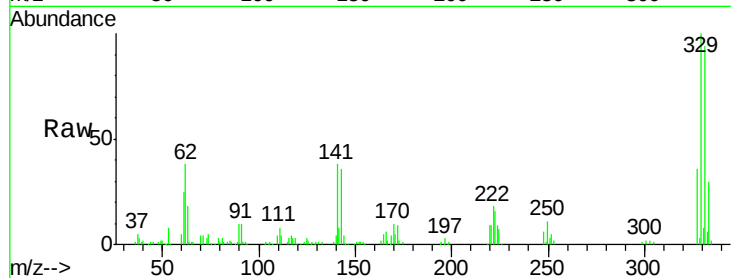




#41
 2,4,6-Tribromophenol
 Concen: 129.25 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022284.D
 Acq: 10 Jun 2016 7:51

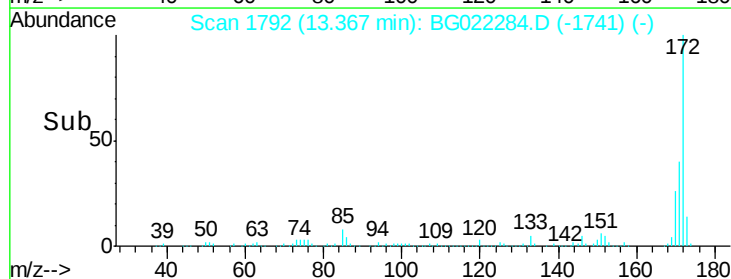
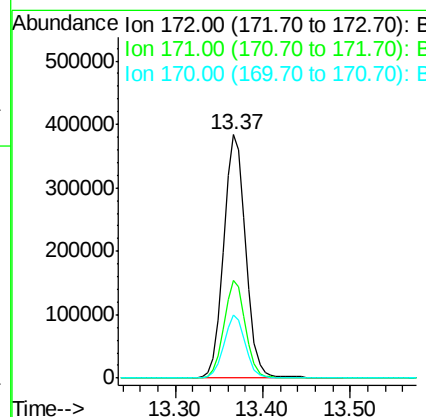
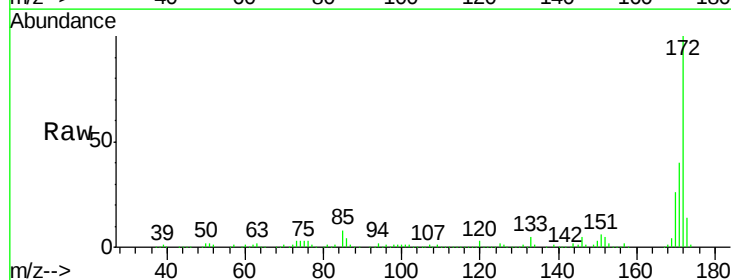
Instrument :
 BNA_G
 ClientSampleId :
 STA-980-PLATFORM(0-4)

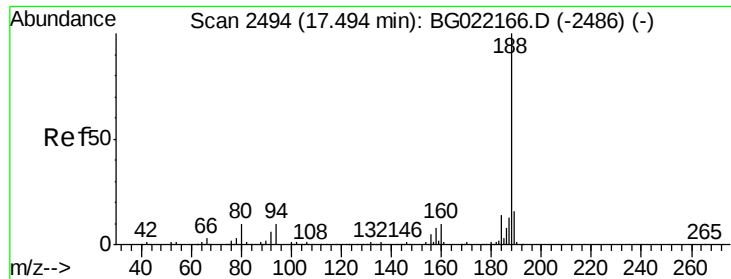
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	38.0	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 102.39 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022284.D
 Acq: 10 Jun 2016 7:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	27.8	41.6
170	26.0	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022284.D

Acq: 10 Jun 2016 7:51

Instrument :

BNA_G

ClientSampleId :

STA-980-PLATFORM(0-4)

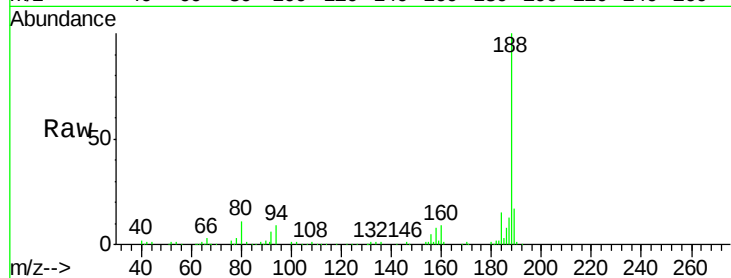
Tot Ion:188 Resp: 194866

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 10.7 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

150000

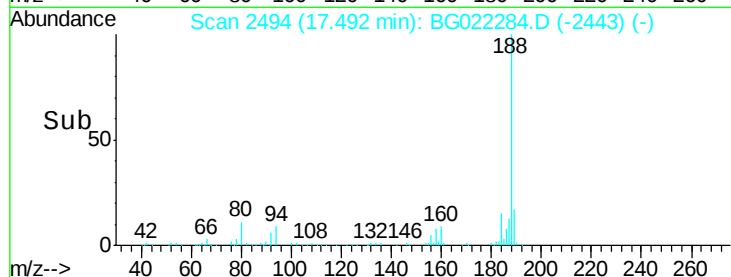
100000

50000

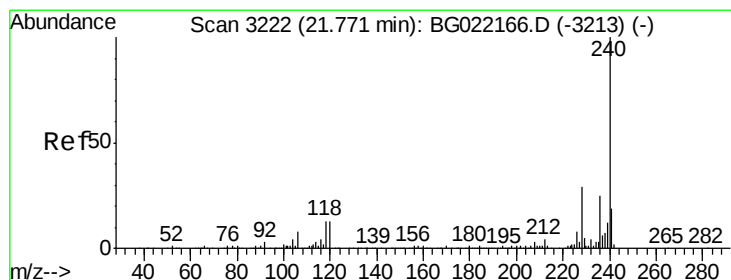
0

17.49

17.40 17.45 17.50 17.55



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022284.D

Acq: 10 Jun 2016 7:51

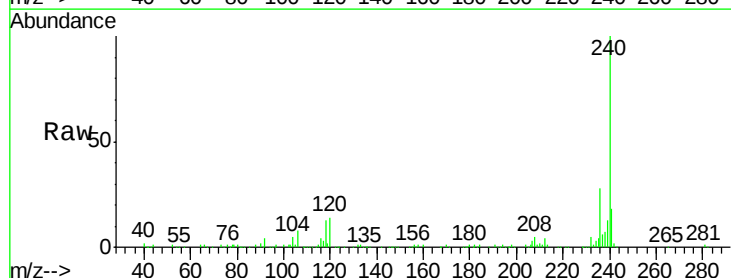
Tgt Ion:240 Resp: 176684

Ion Ratio Lower Upper

240 100

120 13.5 8.4 12.6#

236 27.5 19.6 29.4



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

120000

100000

80000

60000

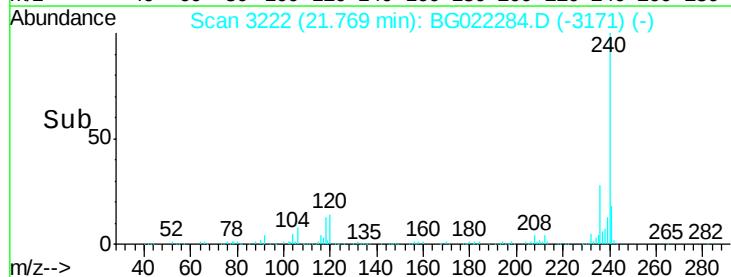
40000

20000

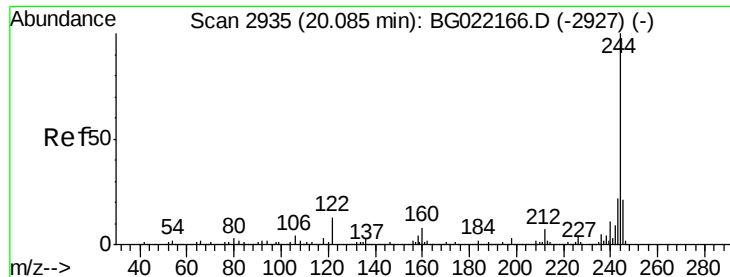
0

21.77

21.60 21.70 21.80 21.90



Time-->



#78

Terphenyl-d14

Concen: 105.84 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022284.D

Acq: 10 Jun 2016 7:51

Instrument :

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ClientSampleId :

STA-980-PLATFORM(0-4)

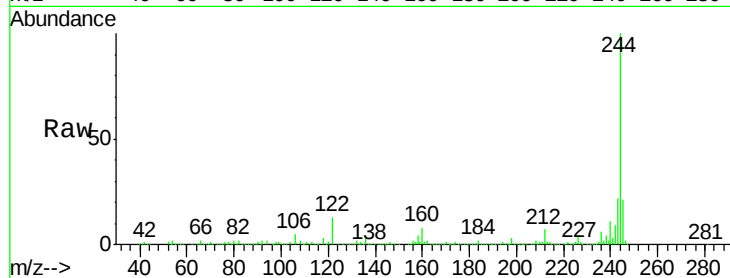
Tot Ion:244 Resp: 787643

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

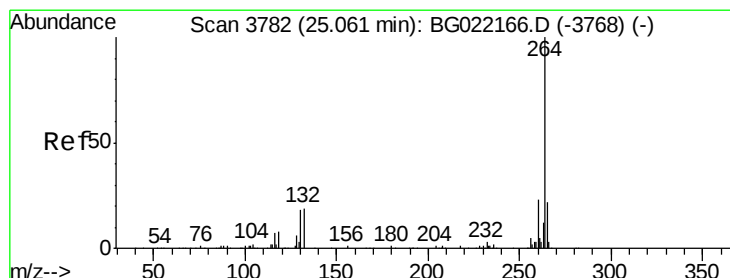
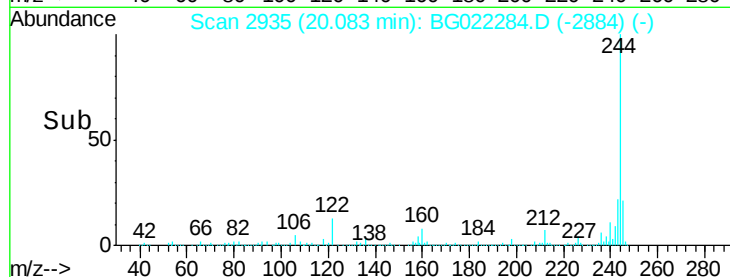
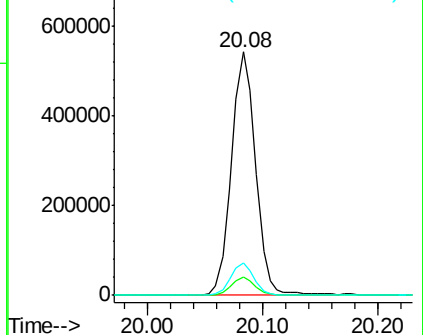
122 13.4 8.6 12.8#



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: 25.07 min Scan# 3783

Delta R.T. 0.00 min

Lab File: BG022284.D

Acq: 10 Jun 2016 7:51

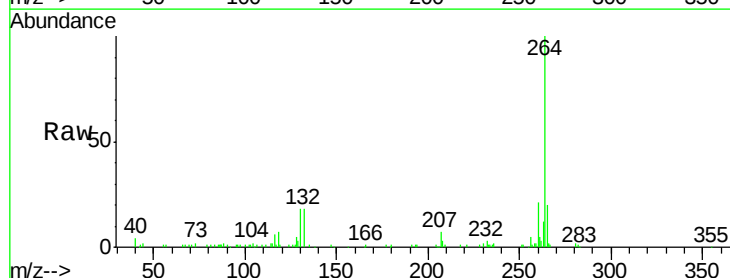
Tgt Ion:264 Resp: 151584

Ion Ratio Lower Upper

264 100

260 21.4 20.2 30.4

265 20.2 17.8 26.8



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

