

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060916\
 Data File : BG022276.D
 Acq On : 10 Jun 2016 2:31
 Operator : UM/SJ
 Sample : H3396-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STA-928-PLATFORM(0-4)

Quant Time: Jun 10 07:42:03 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

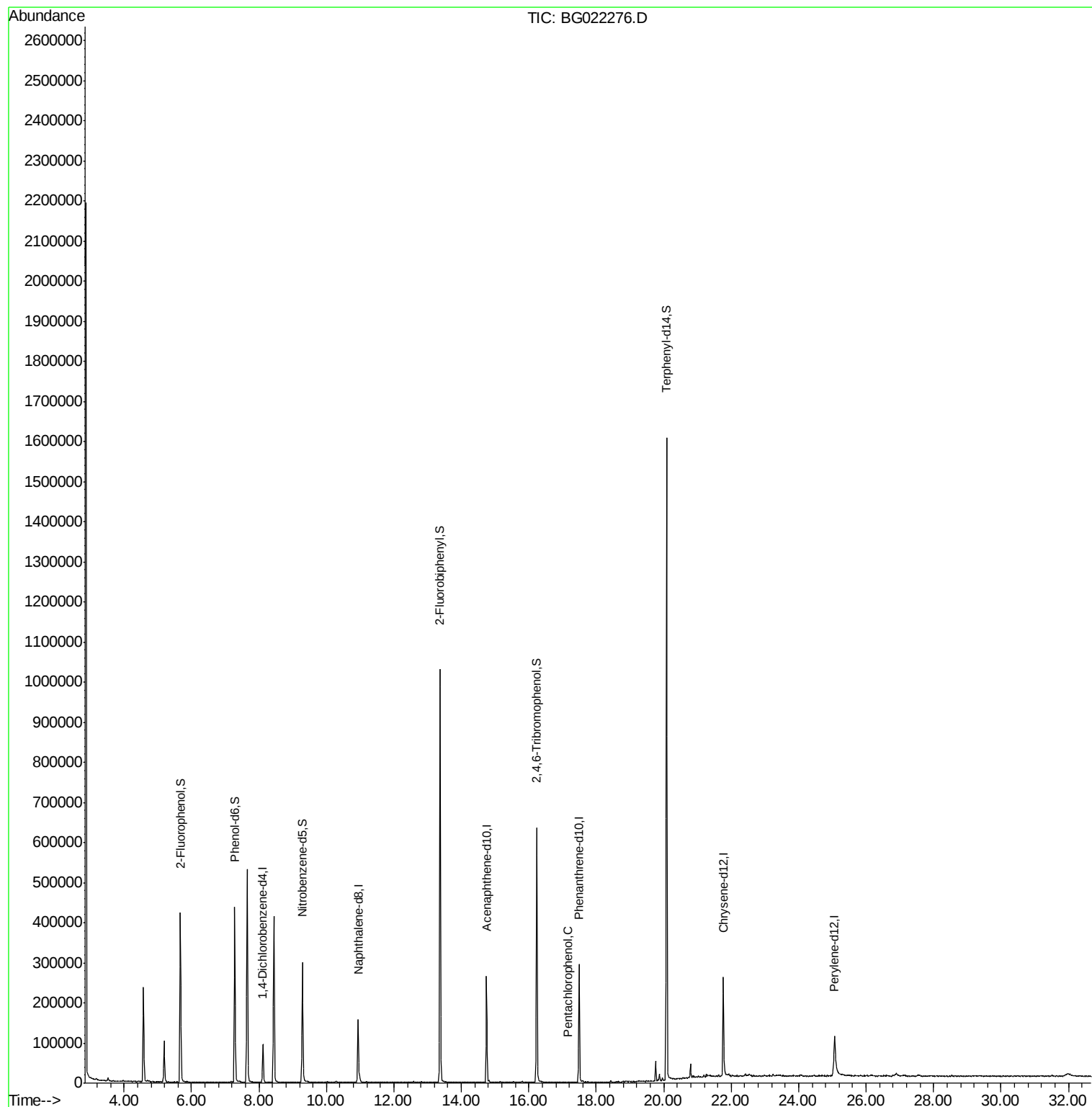
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	35475	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	177674	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	102436	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	203952	20.00	ng	0.00
75) Chrysene-d12	21.76	240	177484	20.00	ng	0.00
86) Perylene-d12	25.07	264	146245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	274337	149.52	ng	0.00
7) Phenol-d6	7.28	99	382390	132.55	ng	0.00
23) Nitrobenzene-d5	9.29	82	239205	93.86	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	149836	129.45	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	644346	95.86	ng	0.00
78) Terphenyl-d14	20.08	244	773322	103.44	ng	0.00
Target Compounds						
69) Pentachlorophenol	17.16	266	53	6.82	ng	Qvalue # 16

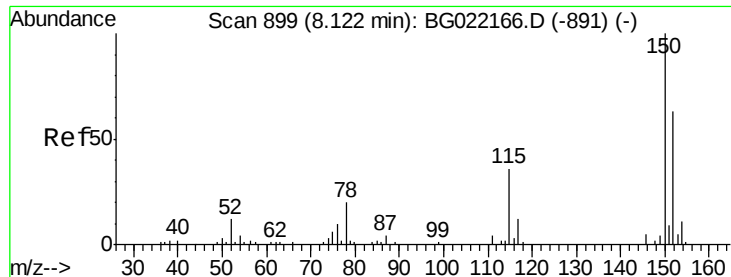
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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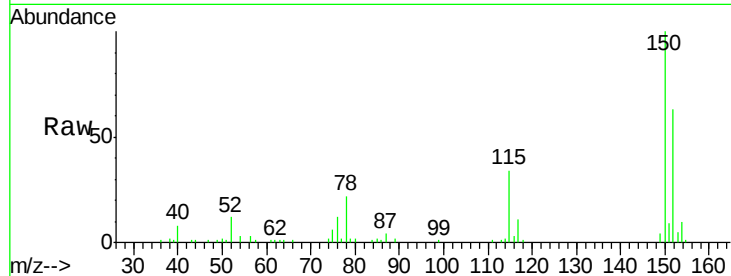


#1

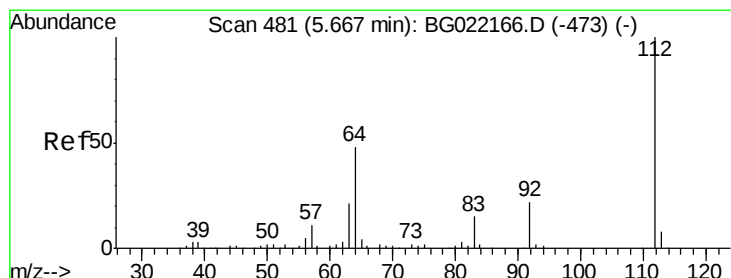
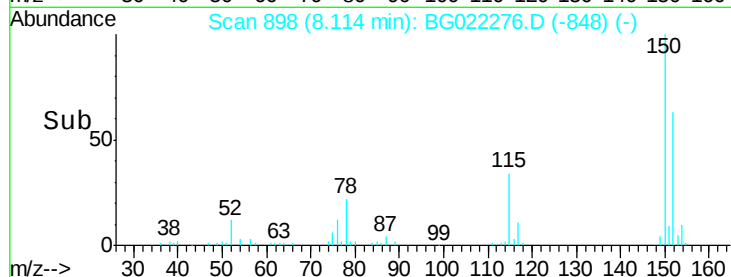
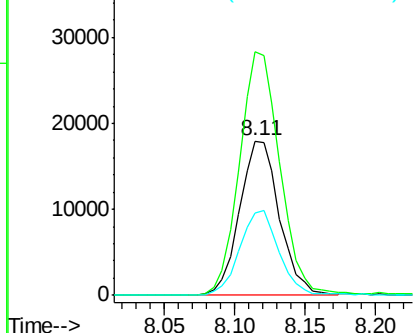
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022276.D
Acq: 10 Jun 2016 2:31

Instrument :
BNA_G
ClientSampleId :
STA-928-PLATFORM(0-4)

Tgt Ion:152 Resp: 35475
Ion Ratio Lower Upper
152 100
150 158.1 130.1 195.1
115 53.4 62.2 93.2#



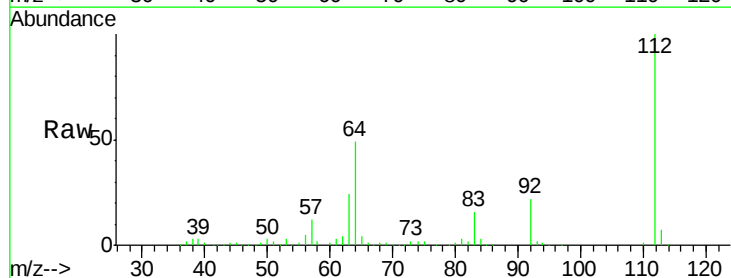
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



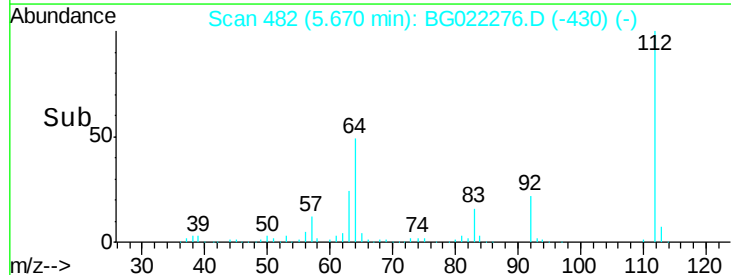
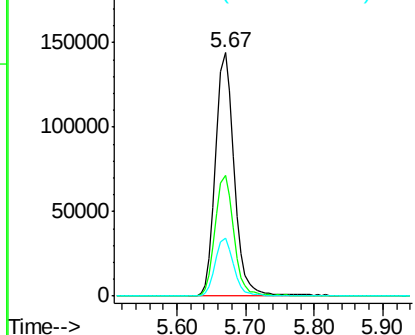
#5

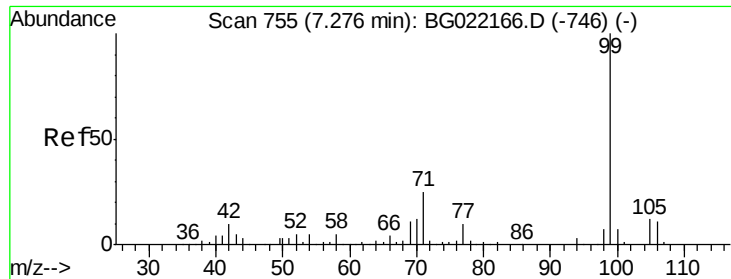
2-Fluorophenol
Concen: 149.52 ng
RT: 5.67 min Scan# 482
Delta R.T. 0.00 min
Lab File: BG022276.D
Acq: 10 Jun 2016 2:31

Tgt Ion:112 Resp: 274337
Ion Ratio Lower Upper
112 100
64 49.4 51.1 76.7#
63 24.0 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.55 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022276.D

Acq: 10 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

STA-928-PLATFORM(0-4)

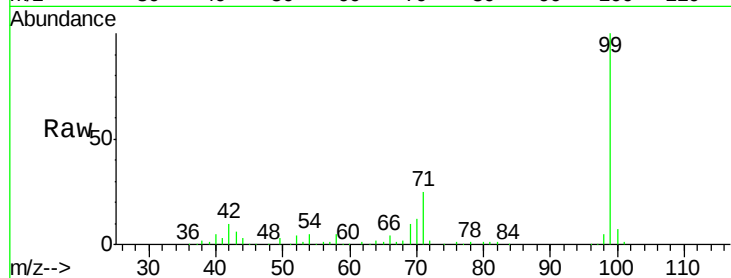
Tgt Ion: 99 Resp: 382390

Ion Ratio Lower Upper

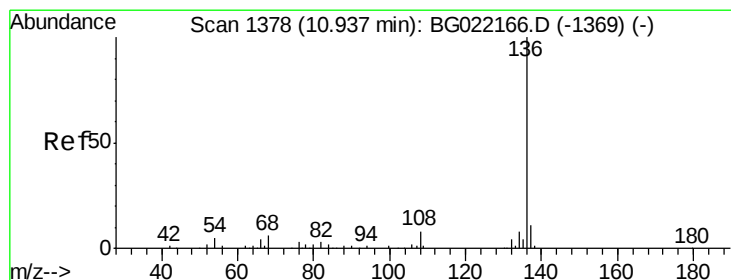
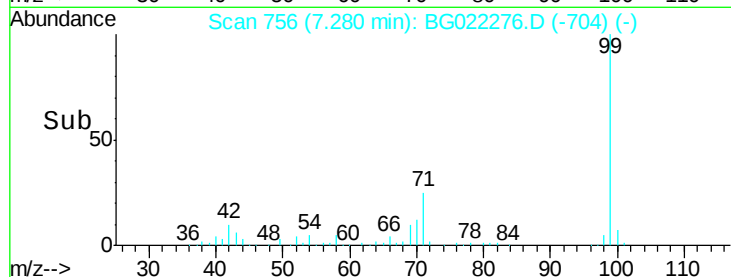
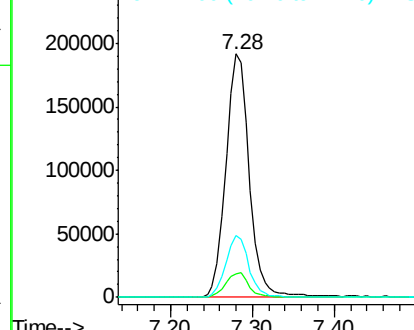
99 100

42 9.9 16.4 24.6#

71 25.3 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: 10.94 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BG022276.D

Acq: 10 Jun 2016 2:31

Tgt Ion: 136 Resp: 177674

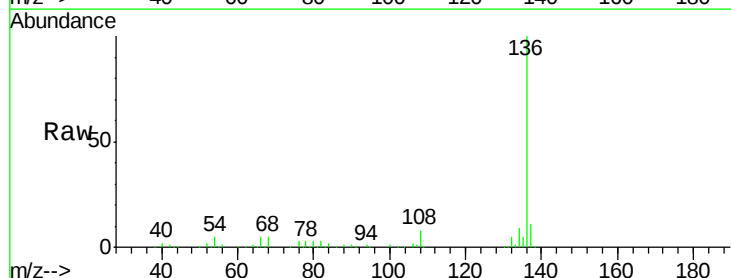
Ion Ratio Lower Upper

136 100

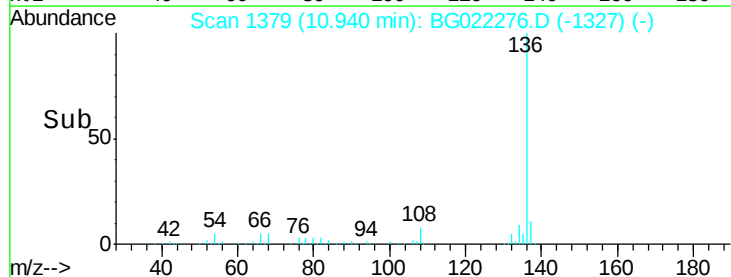
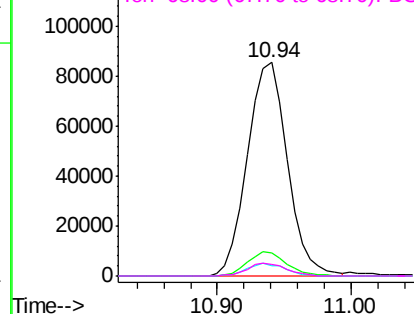
137 10.8 9.0 13.4

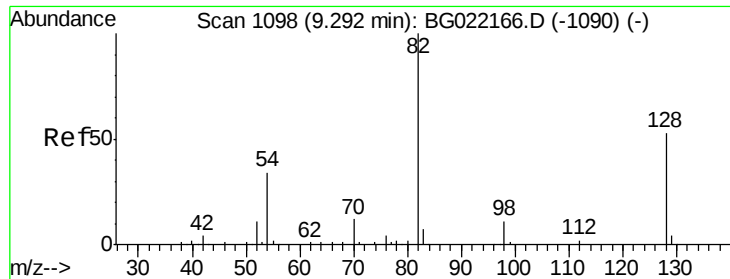
54 5.1 9.6 14.4#

68 5.2 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

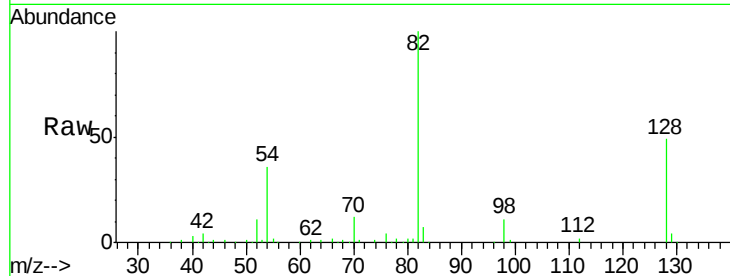




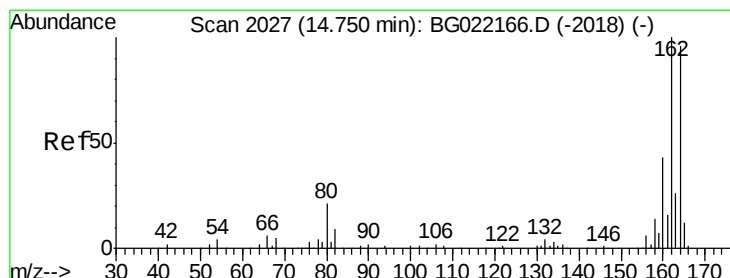
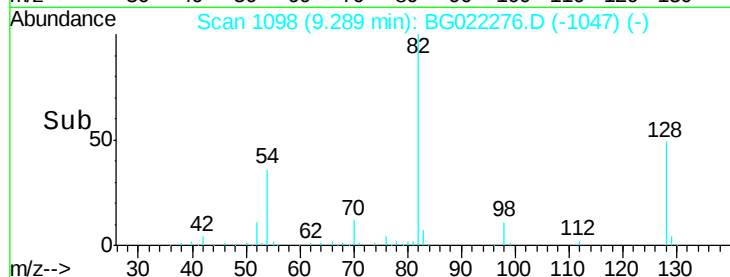
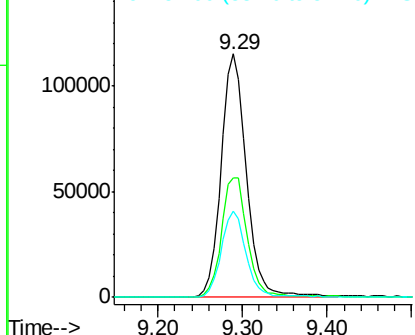
#23
 Nitrobenzene-d5
 Concen: 93.86 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022276.D
 Acq: 10 Jun 2016 2:31

Instrument :
 BNA_G
 ClientSampleId :
 STA-928-PLATFORM(0-4)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	33.4	50.0
54	35.5	46.1	69.1#

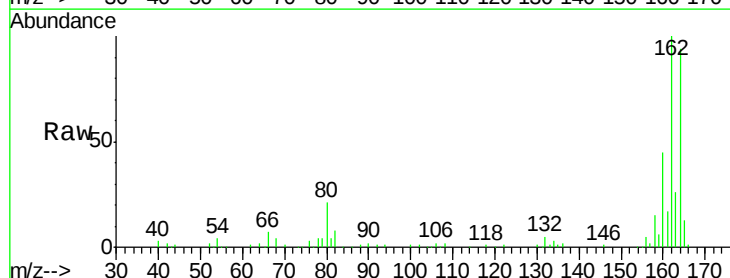


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

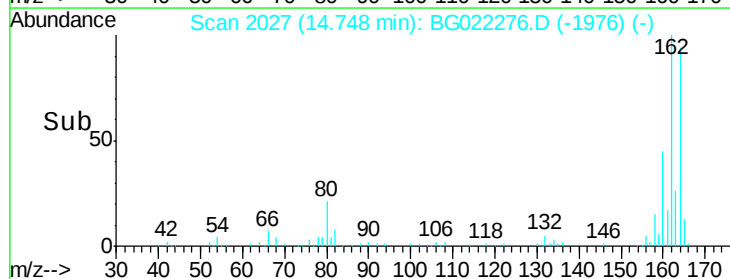
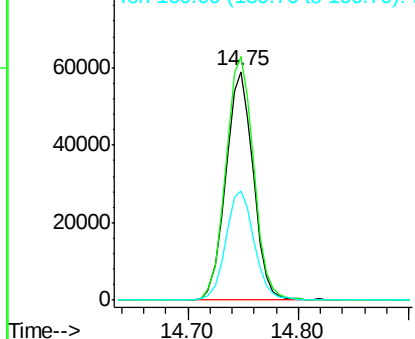


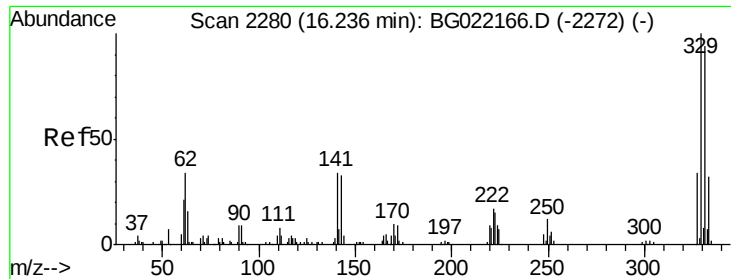
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022276.D
 Acq: 10 Jun 2016 2:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	78.0	117.0
160	47.9	32.9	49.3



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

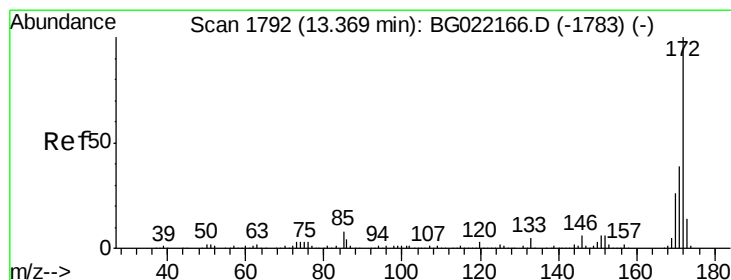
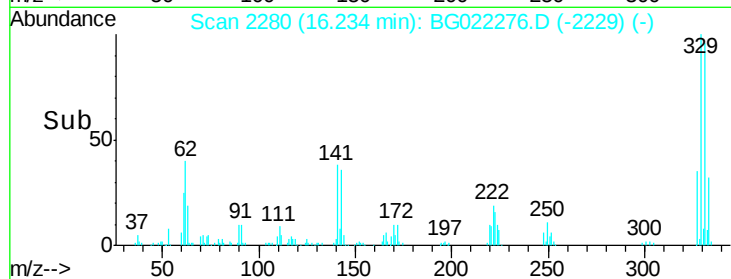
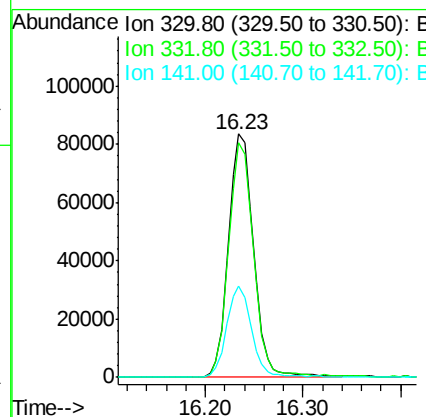
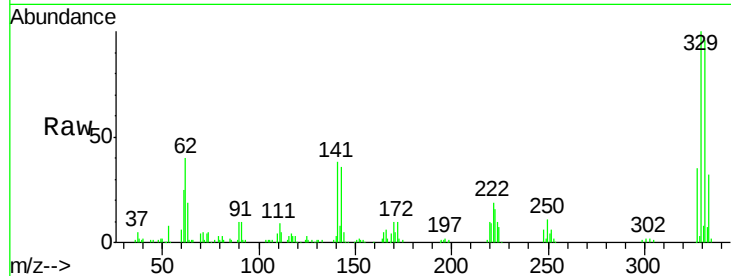




#41
 2,4,6-Tribromophenol
 Concen: 129.45 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022276.D
 Acq: 10 Jun 2016 2:31

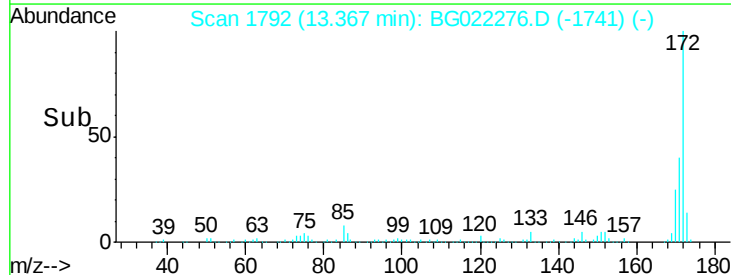
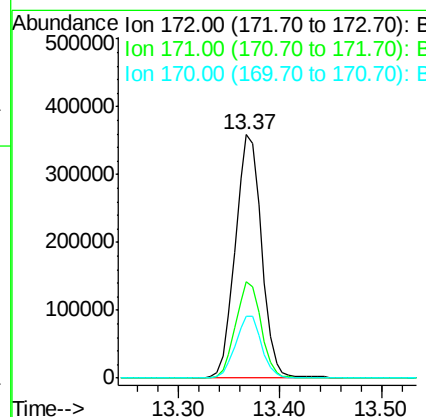
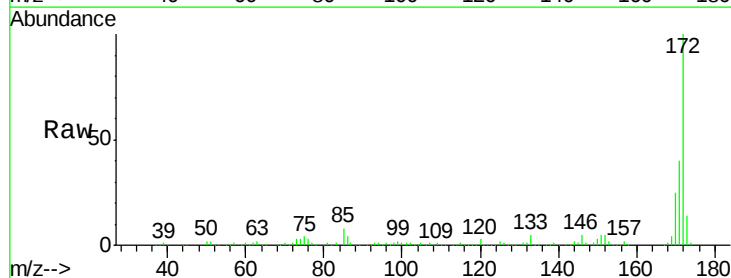
Instrument :
 BNA_G
 ClientSampleId :
 STA-928-PLATFORM(0-4)

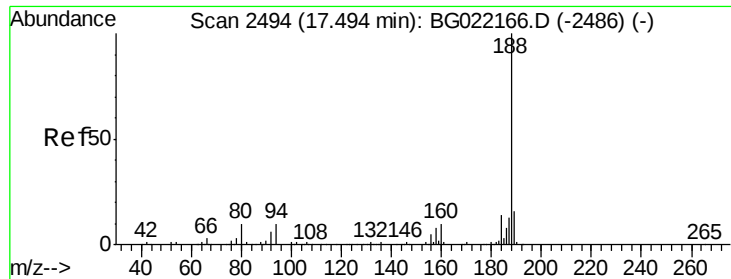
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	149836		
332	96.1	78.0	117.0	
141	36.9	33.8	50.8	



#44
 2-Fluorobiphenyl
 Concen: 95.86 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022276.D
 Acq: 10 Jun 2016 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	644346		
171	39.6	27.8	41.6	
170	25.5	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: BG022276.D

Acq: 10 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

STA-928-PLATFORM(0-4)

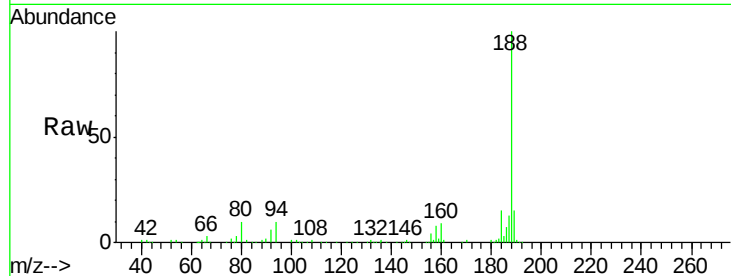
Tgt Ion:188 Resp: 203952

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.4 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

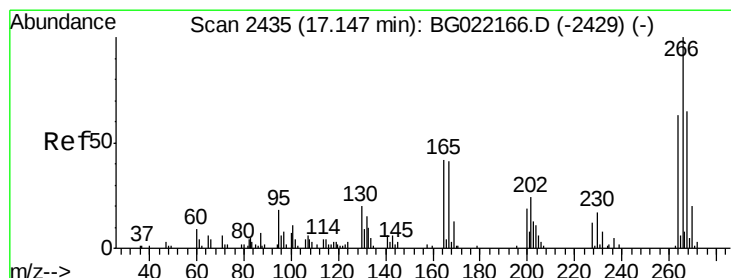
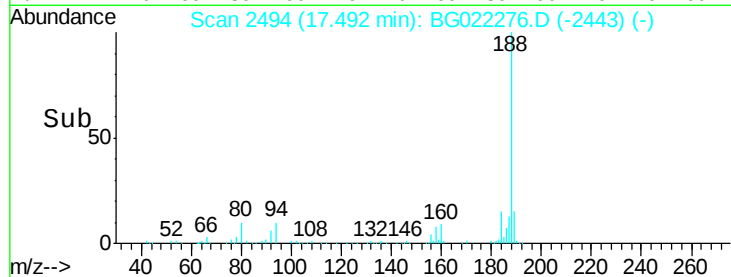
100000

50000

0

17.40 17.50 17.60

Time-->



#69

Pentachlorophenol

Concen: 6.82 ng

RT: 17.16 min Scan# 2438

Delta R.T. 0.02 min

Lab File: BG022276.D

Acq: 10 Jun 2016 2:31

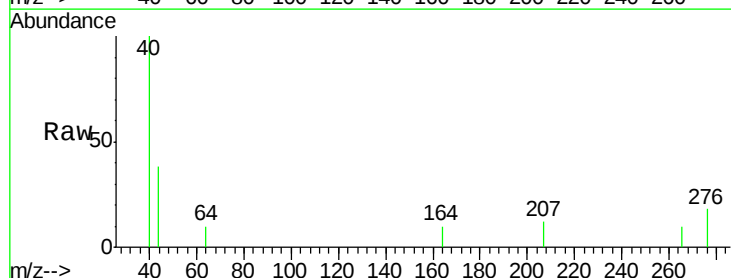
Tgt Ion:266 Resp: 53

Ion Ratio Lower Upper

266 100

268 0.0 54.5 81.7#

264 0.0 53.8 80.6#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

200

150

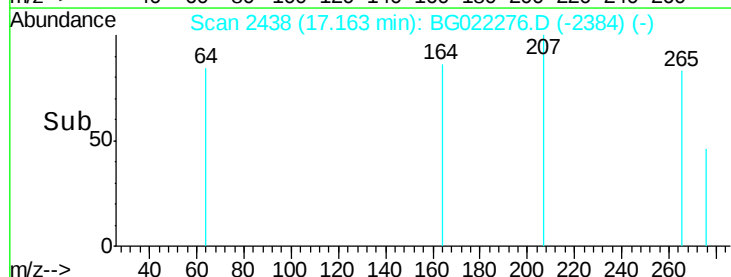
100

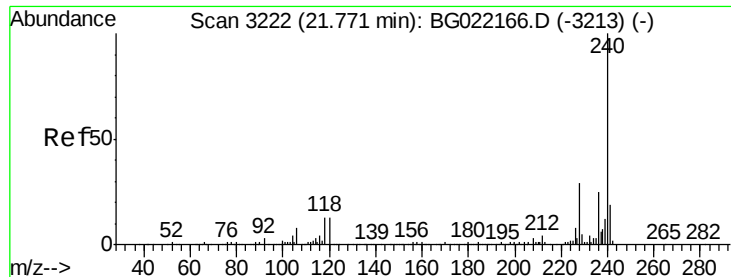
50

0

17.14 17.16 17.18

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022276.D

Acq: 10 Jun 2016 2:31

Instrument :

BNA_G

ClientSampleId :

STA-928-PLATFORM(0-4)

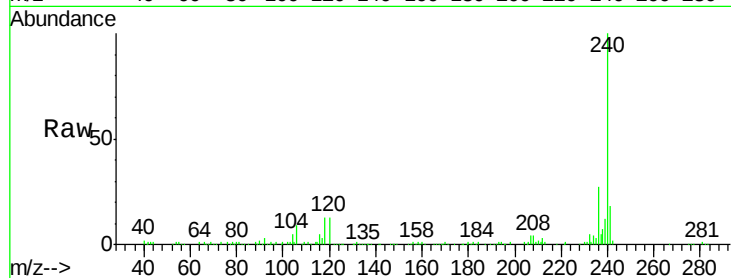
Tgt Ion:240 Resp: 177484

Ion Ratio Lower Upper

240 100

120 12.9 8.4 12.6#

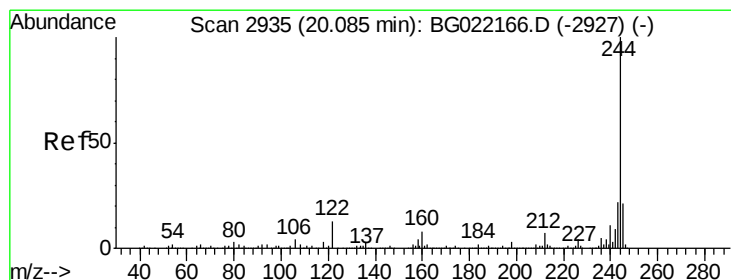
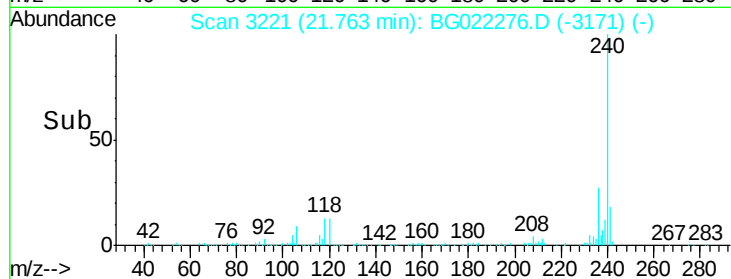
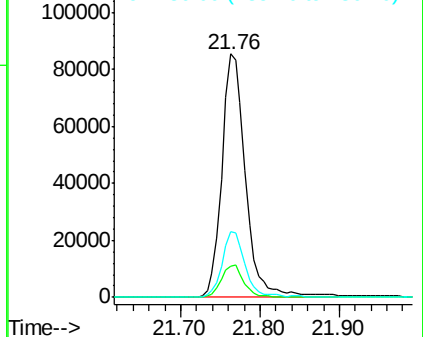
236 26.8 19.6 29.4



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



#78

Terphenyl-d14

Concen: 103.44 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022276.D

Acq: 10 Jun 2016 2:31

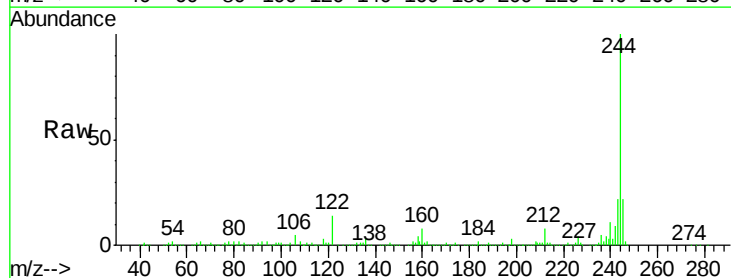
Tgt Ion:244 Resp: 773322

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

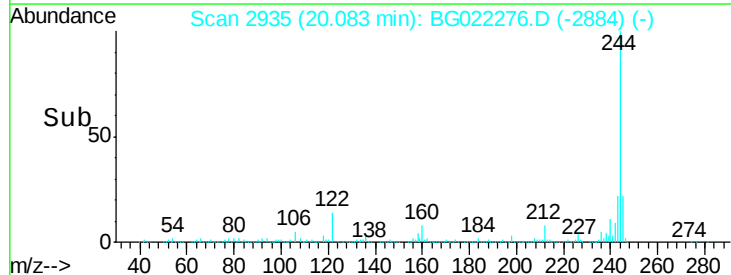
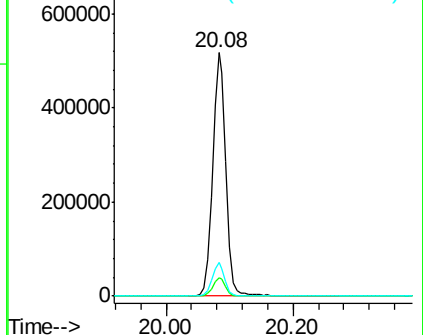
122 13.8 8.6 12.8#

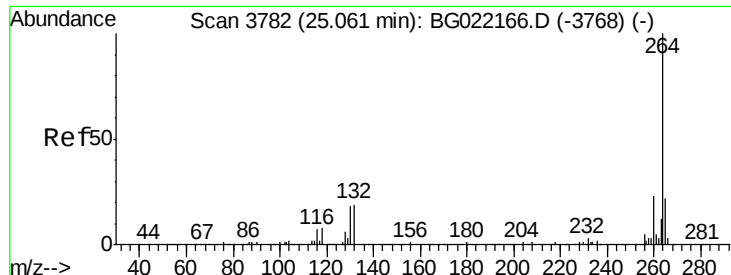


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

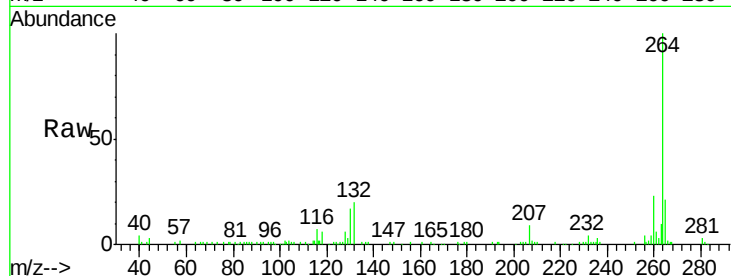




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3783
Delta R.T. 0.00 min
Lab File: BG022276.D
Acq: 10 Jun 2016 2:31

Instrument :
BNA_G
ClientSampleId :
STA-928-PLATFORM(0-4)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.2	30.4
265	20.9	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

