

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020880.D
 Acq On : 12 Feb 2016 6:33
 Operator : SJ/UM
 Sample : H1420-06
 Misc : L00 20PPM
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 09:56:37 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

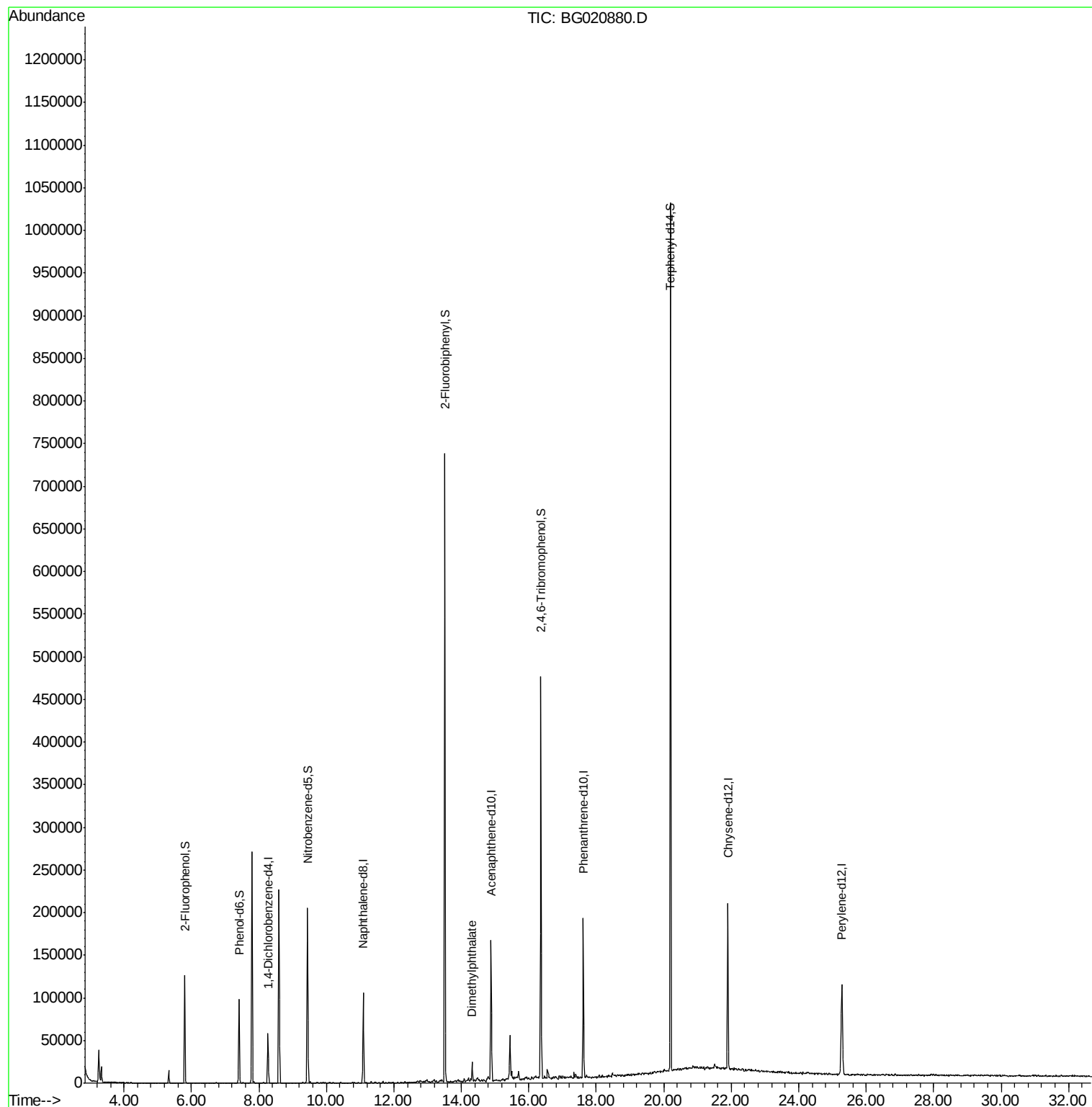
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	19005	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	97997	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	56892	20.00	ng	0.00
63) Phenanthrene-d10	17.61	188	114156	20.00	ng	0.00
75) Chrysene-d12	21.90	240	108576	20.00	ng	0.00
86) Perylene-d12	25.28	264	102417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	71842	63.66	ng	0.00
7) Phenol-d6	7.41	99	75038	45.49	ng	0.00
23) Nitrobenzene-d5	9.44	82	136632	91.67	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	90656	162.04	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	383122	94.60	ng	0.00
78) Terphenyl-d14	20.20	244	422264	90.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	16952	3.81	ng	Qvalue 98

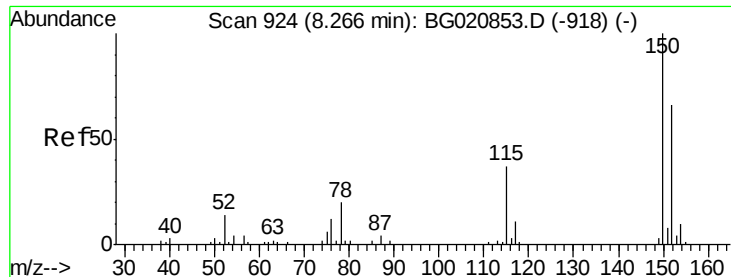
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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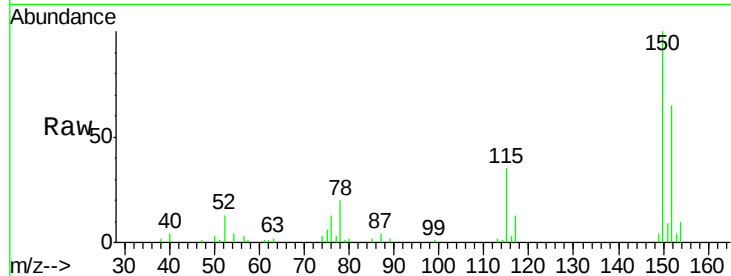


#1

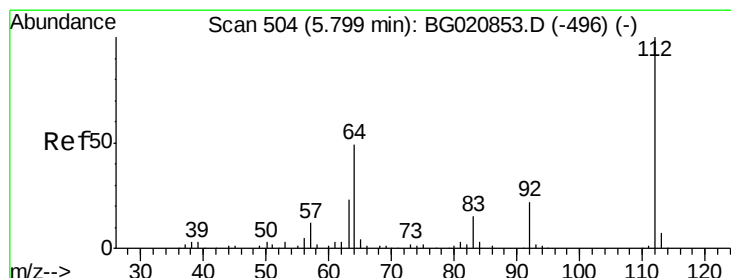
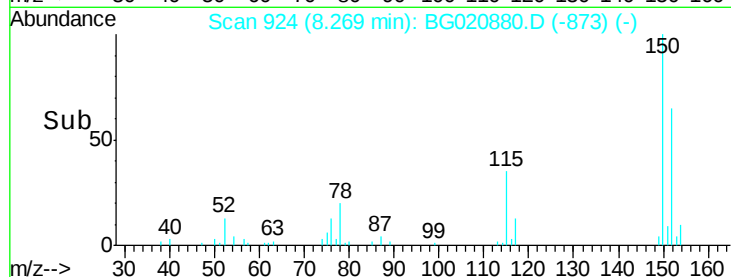
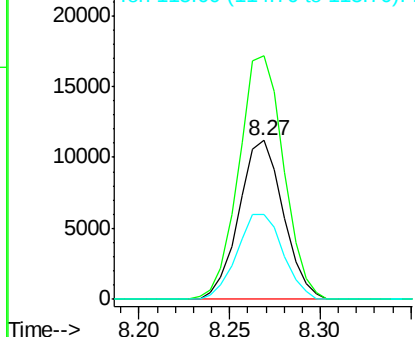
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG020880.D
Acq: 12 Feb 2016 6:33

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.0	183.0
115	53.4	45.2	67.8



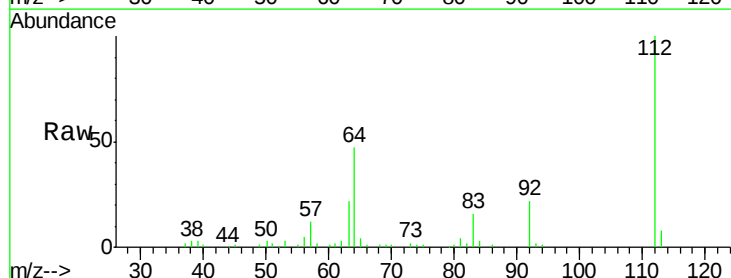
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



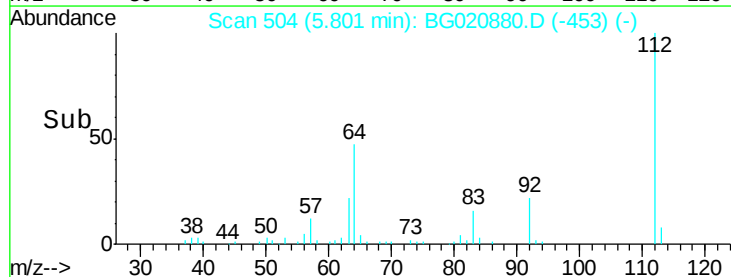
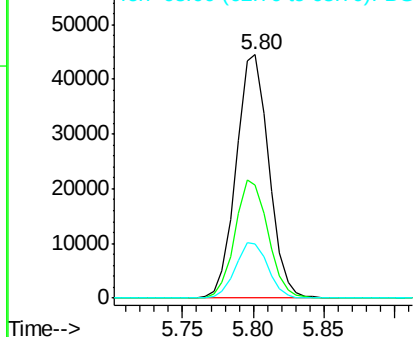
#5

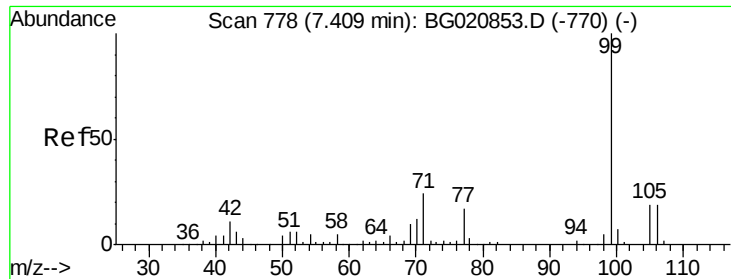
2-Fluorophenol
Concen: 63.66 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG020880.D
Acq: 12 Feb 2016 6:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.5	39.3	58.9
63	22.5	18.2	27.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 45.49 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG020880.D

Acq: 12 Feb 2016 6:33

Instrument :

BNA_G

ClientSampleId :

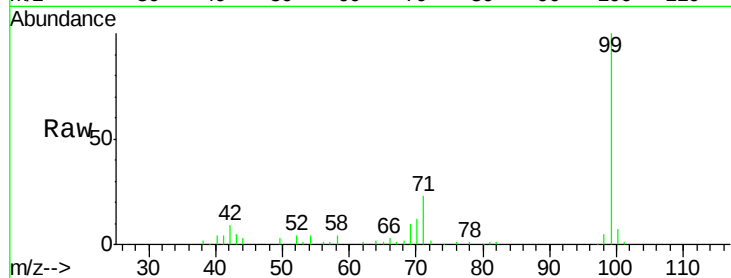
Tot Ion: 99 Resp: 75038

Ion Ratio Lower Upper

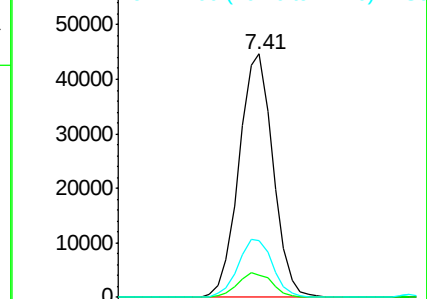
99 100

42 9.2 8.4 12.6

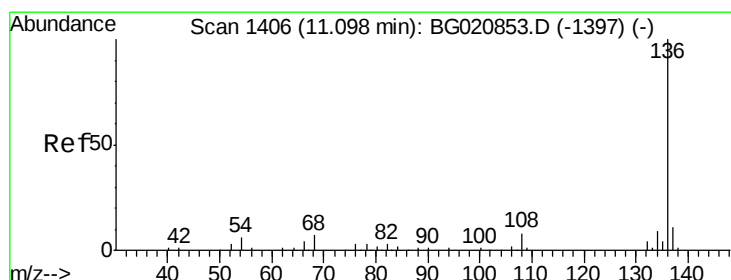
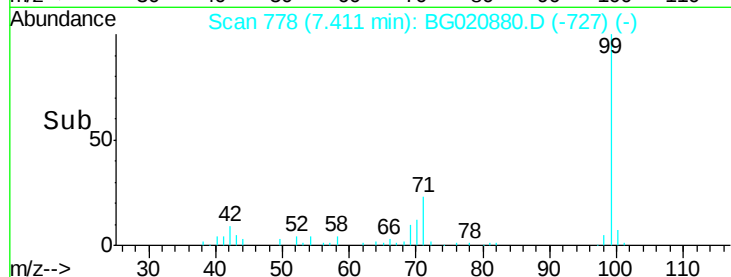
71 23.4 19.4 29.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG020880.D

Acq: 12 Feb 2016 6:33

Tgt Ion: 136 Resp: 97997

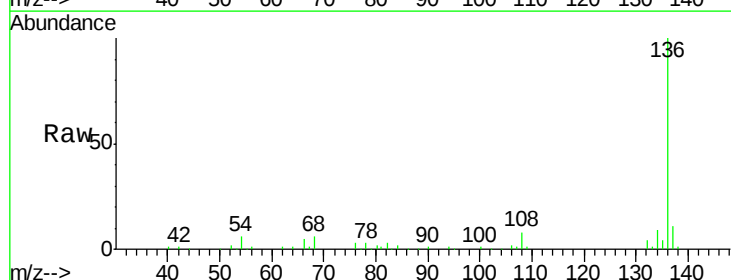
Ion Ratio Lower Upper

136 100

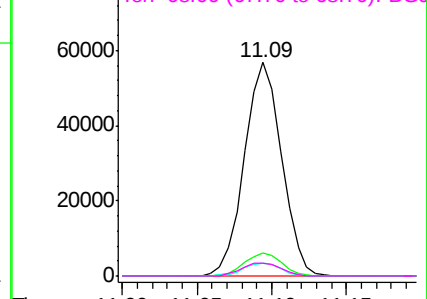
137 10.8 8.8 13.2

54 6.1 5.0 7.4

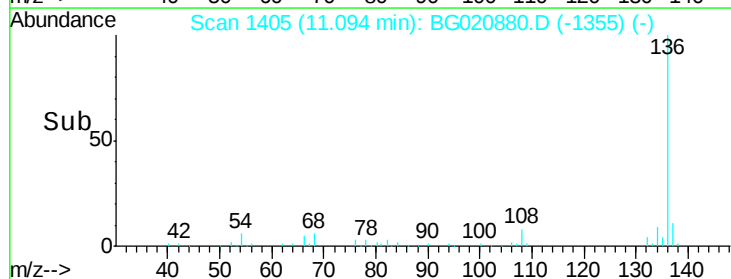
68 6.3 5.2 7.8

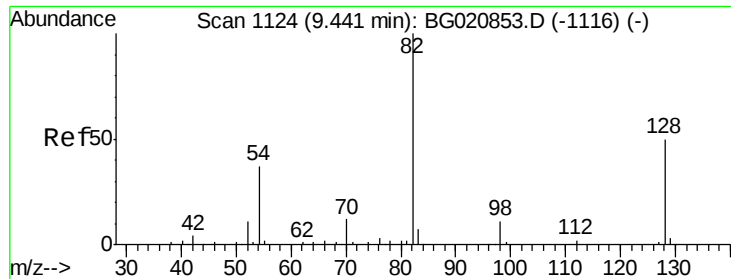


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

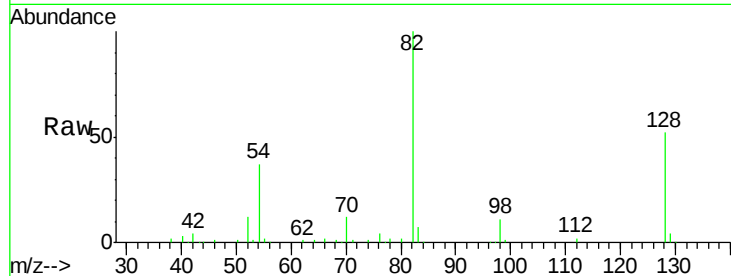




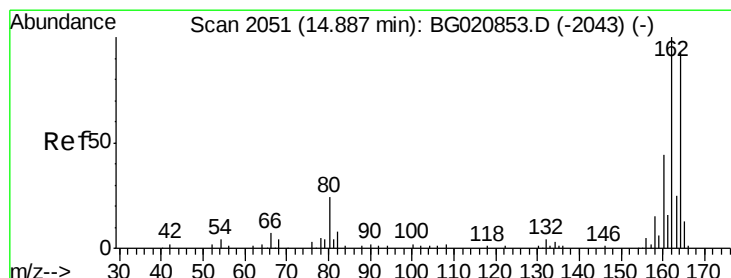
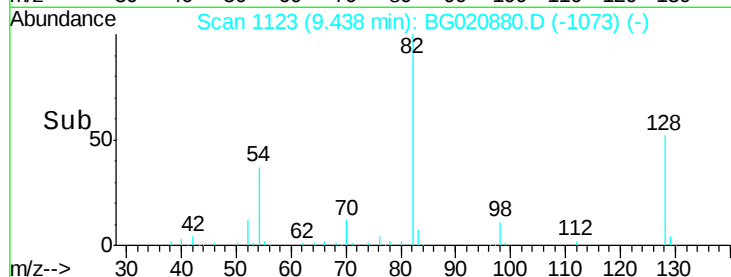
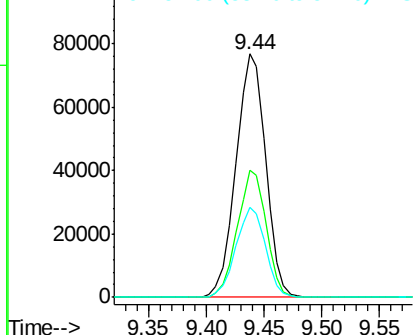
#23
Nitrobenzene-d5
Concen: 91.67 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG020880.D
Acq: 12 Feb 2016 6:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	136632
Ion Ratio	Lower	Upper	
82	100		
128	52.3	40.1	60.1
54	36.8	29.5	44.3

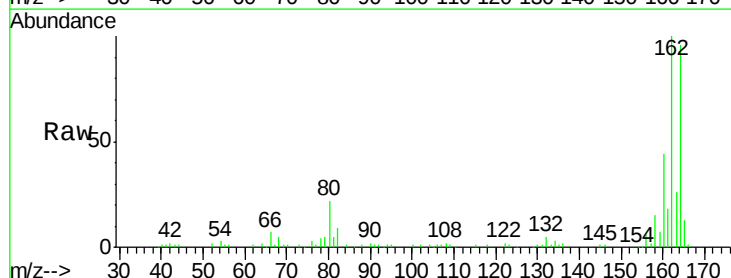


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

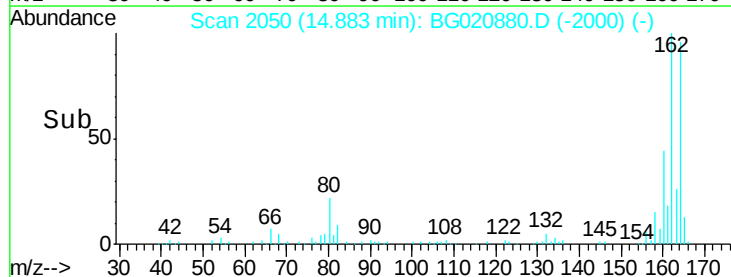
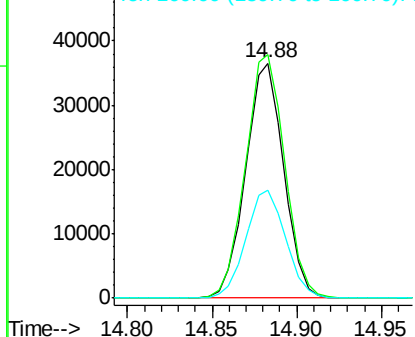


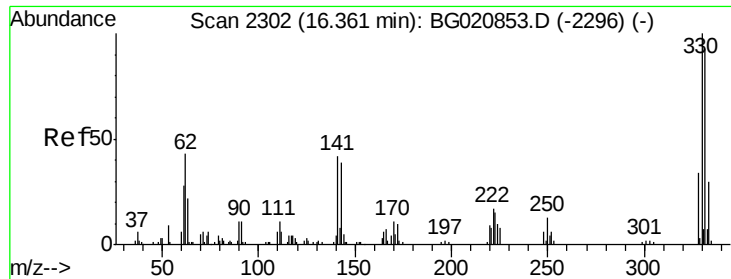
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BG020880.D
Acq: 12 Feb 2016 6:33

Tgt Ion	164	Resp	56892
Ion Ratio	Lower	Upper	
164	100		
162	103.7	85.7	128.5
160	45.8	37.4	56.0



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

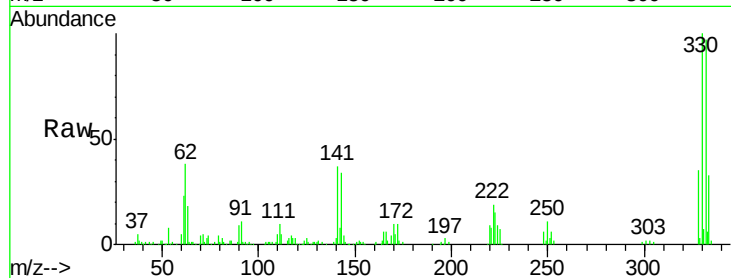




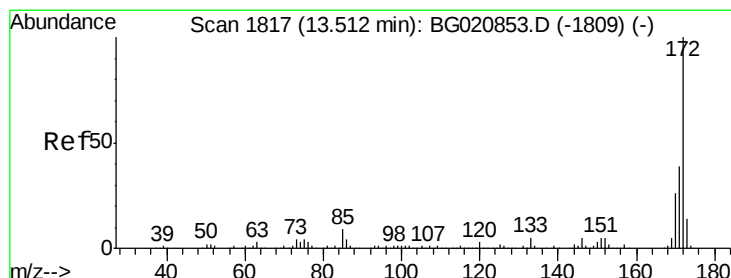
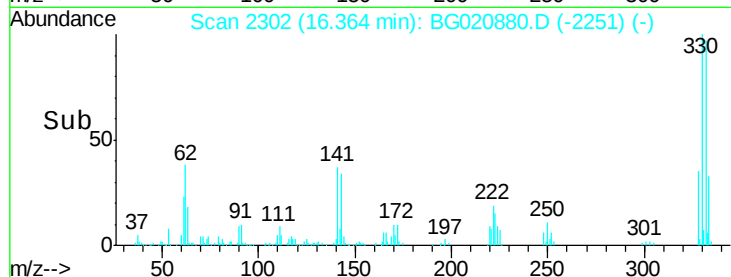
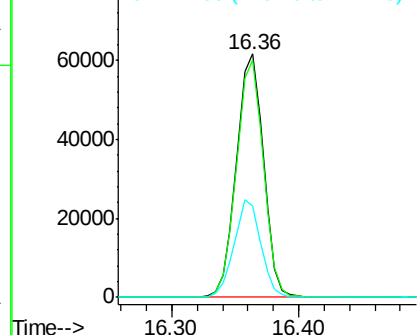
#41
 2,4,6-Tribromophenol
 Concen: 162.04 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BG020880.D
 Acq: 12 Feb 2016 6:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.1	114.1
141	39.6	32.0	48.0

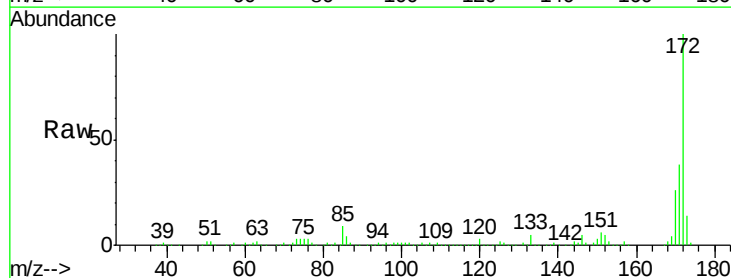


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

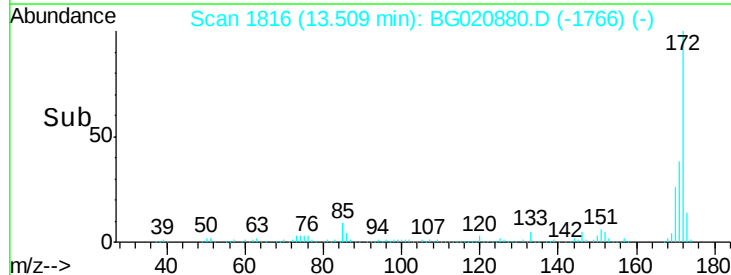
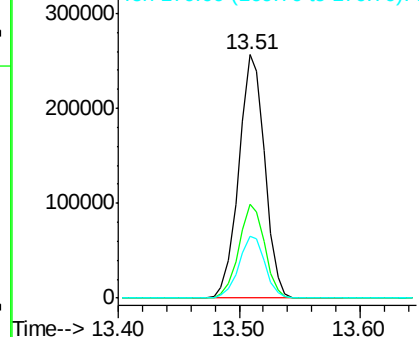


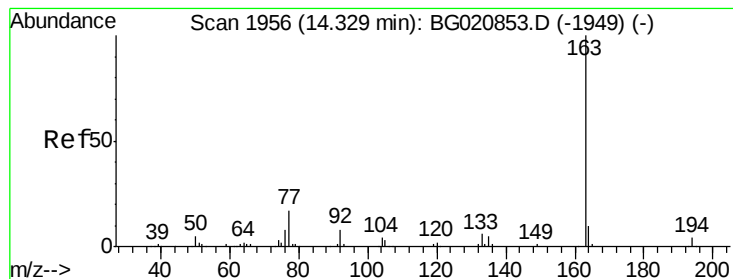
#44
 2-Fluorobiphenyl
 Concen: 94.60 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG020880.D
 Acq: 12 Feb 2016 6:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.2	46.8
170	25.5	20.6	30.8



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: 3.81 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG020880.D

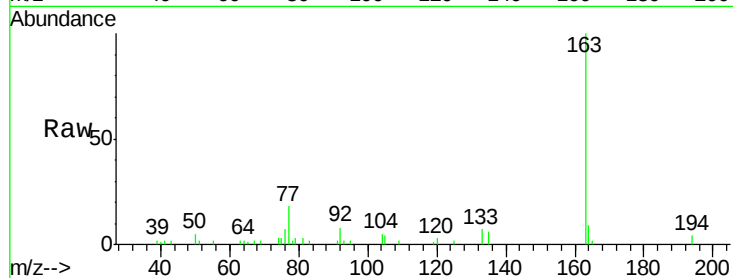
Acq: 12 Feb 2016 6:33

Instrument :

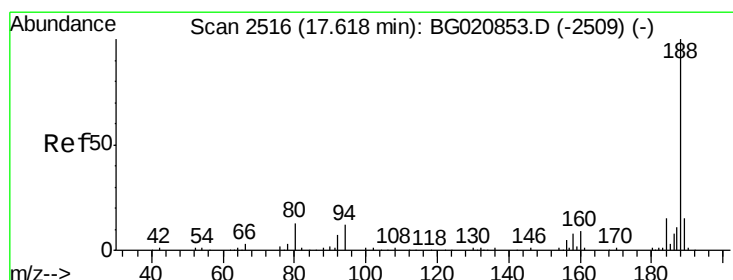
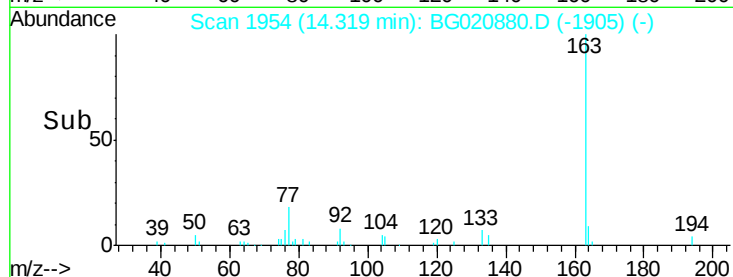
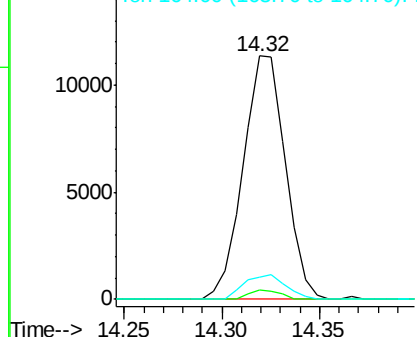
BNA_G

ClientSampleId :

Tot Ion:163	Resp:	16952
Ion Ratio	Lower	Upper
163	100	
194	4.0	3.1 4.7
164	9.3	8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

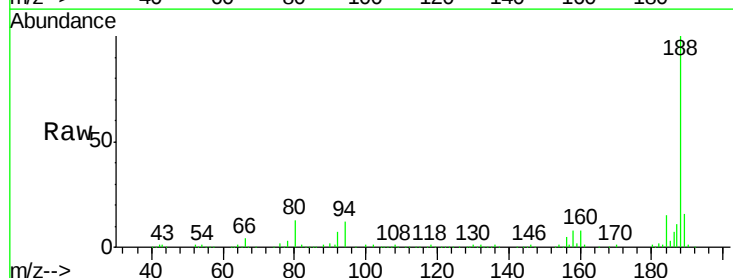
RT: 17.61 min Scan# 2515

Delta R.T. -0.00 min

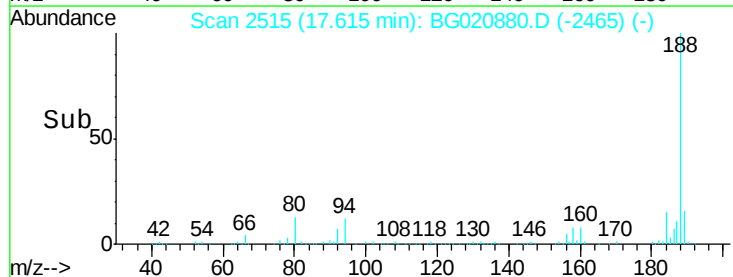
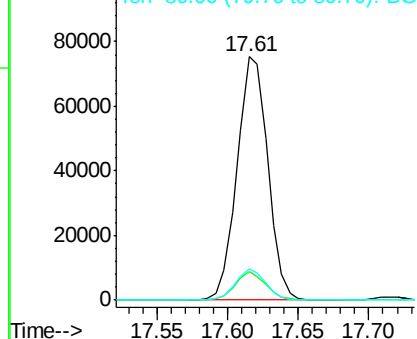
Lab File: BG020880.D

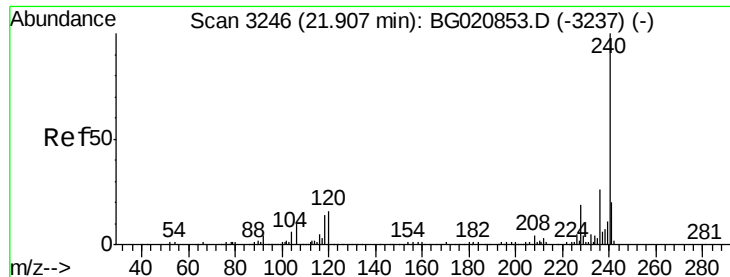
Acq: 12 Feb 2016 6:33

Tgt Ion:188	Resp:	114156
Ion Ratio	Lower	Upper
188	100	
94	11.9	9.4 14.0
80	12.5	10.2 15.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3244

Delta R.T. -0.01 min

Lab File: BG020880.D

Acq: 12 Feb 2016 6:33

Instrument :

BNA_G

ClientSampleId :

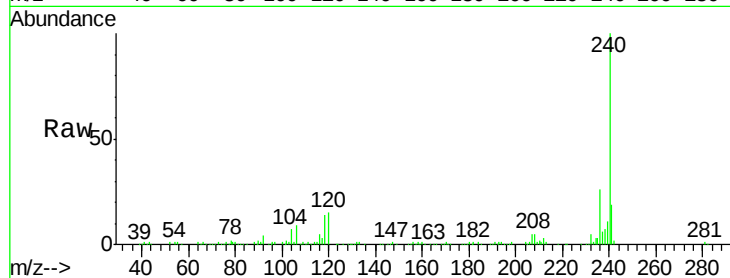
Tot Ion:240 Resp: 108576

Ion Ratio Lower Upper

240 100

120 14.7 13.0 19.4

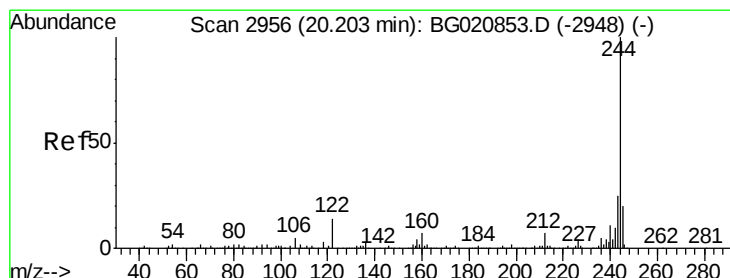
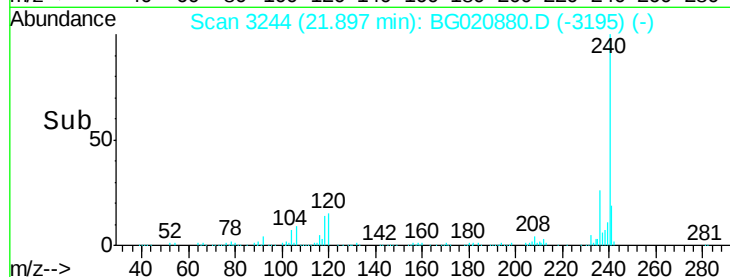
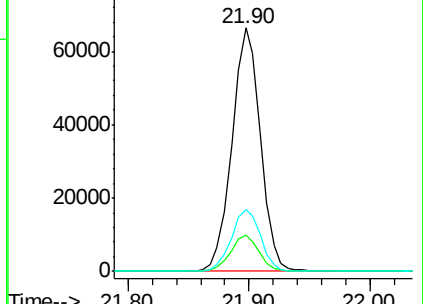
236 25.6 21.0 31.4



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: 90.73 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG020880.D

Acq: 12 Feb 2016 6:33

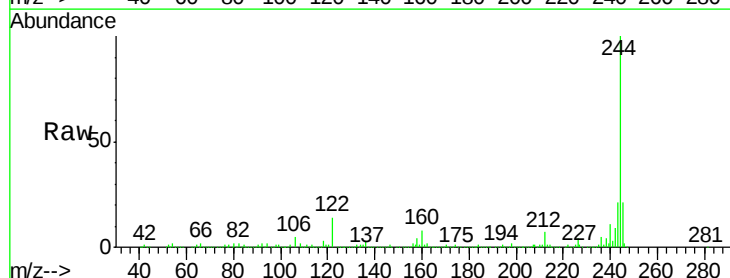
Tgt Ion:244 Resp: 422264

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

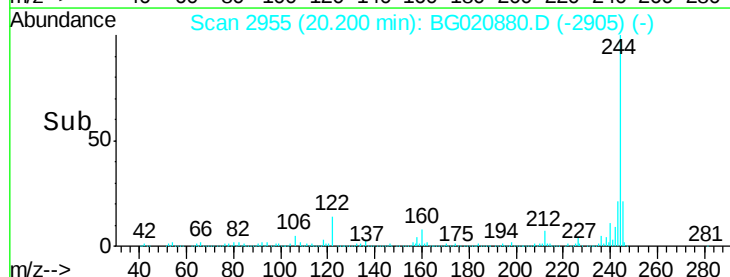
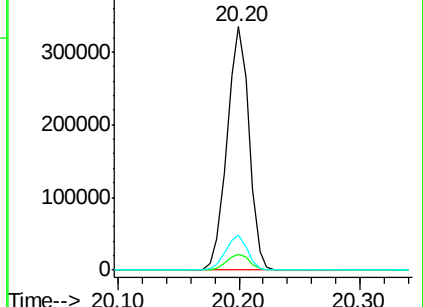
122 14.5 11.4 17.2

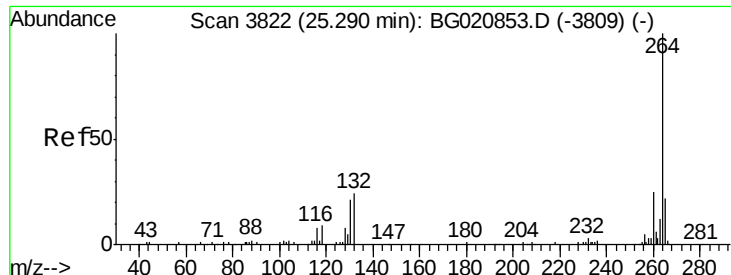


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

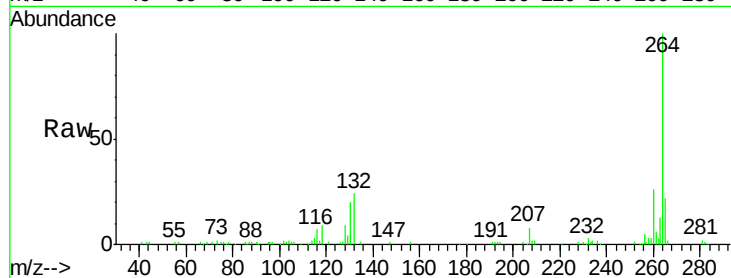




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG020880.D
Acq: 12 Feb 2016 6:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.9	29.9
265	21.9	18.0	27.0



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

