

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020881.D
 Acq On : 12 Feb 2016 7:12
 Operator : SJ/UM
 Sample : H1420-07
 Misc : L00 20PPM
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 09:56:47 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

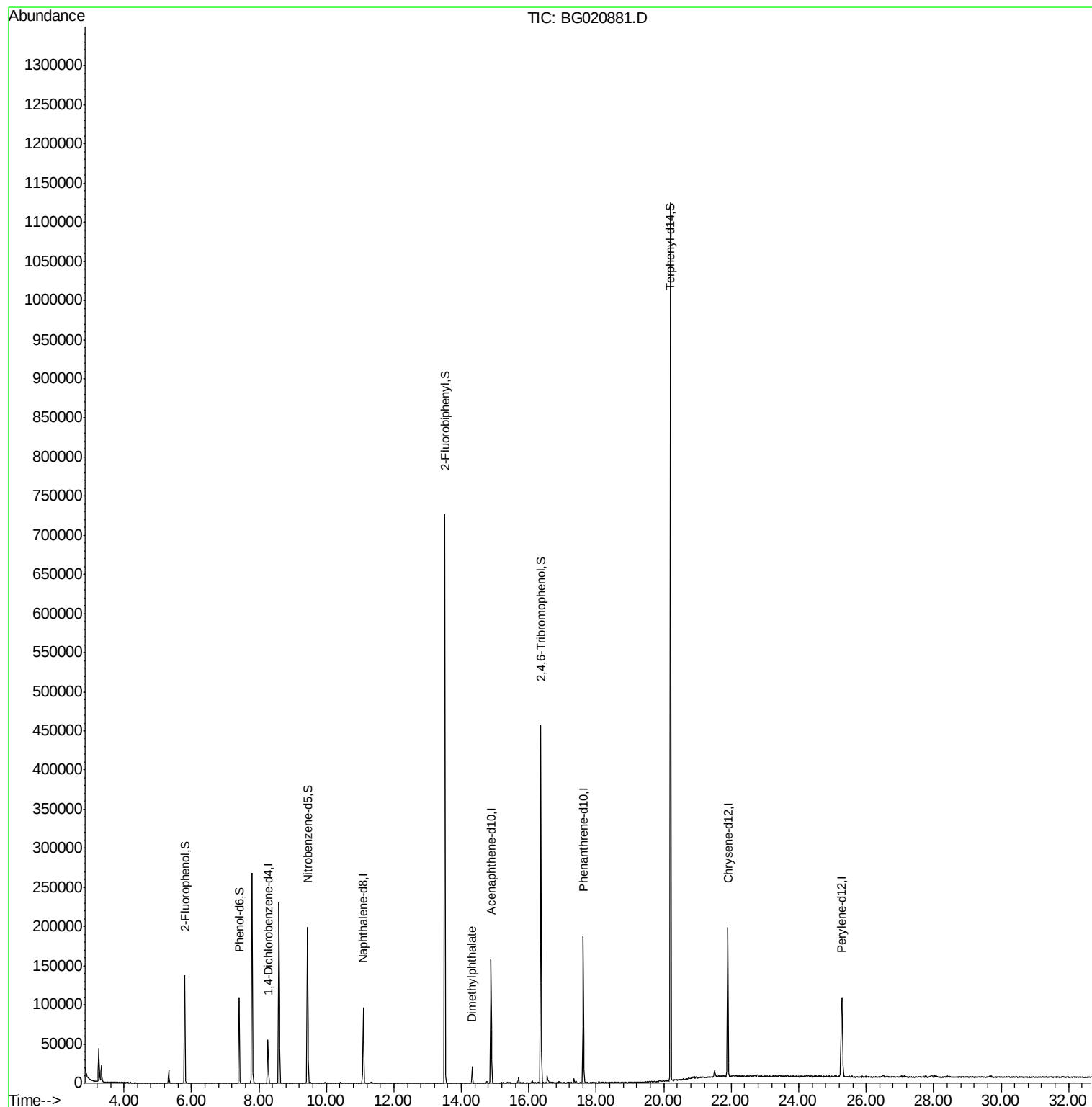
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	18065	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	92279	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	56681	20.00	ng	0.00
63) Phenanthrene-d10	17.61	188	115262	20.00	ng	0.00
75) Chrysene-d12	21.90	240	109025	20.00	ng	0.00
86) Perylene-d12	25.28	264	102303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	78178	72.88	ng	0.00
7) Phenol-d6	7.41	99	82321	52.50	ng	0.00
23) Nitrobenzene-d5	9.44	82	134890	96.11	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	89860	161.21	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	384374	95.26	ng	0.00
78) Terphenyl-d14	20.20	244	461586	98.77	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.32	163	15871	3.58	ng	98

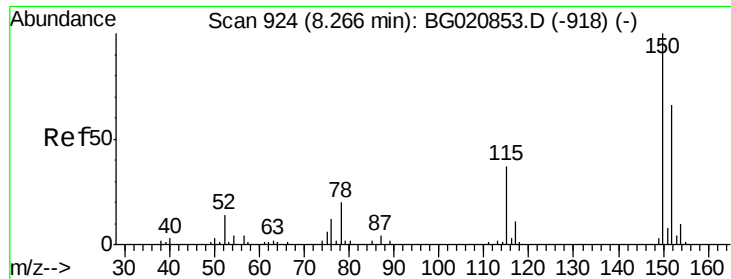
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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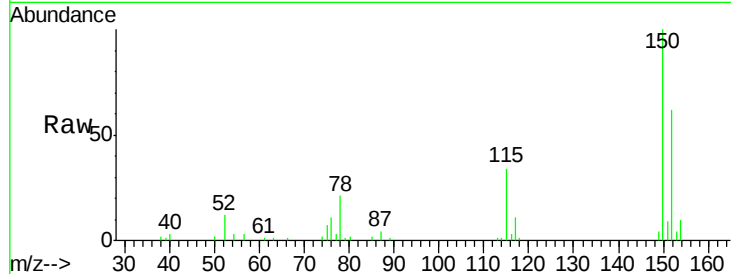


#1

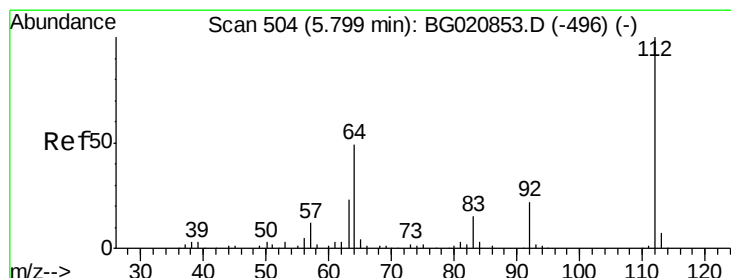
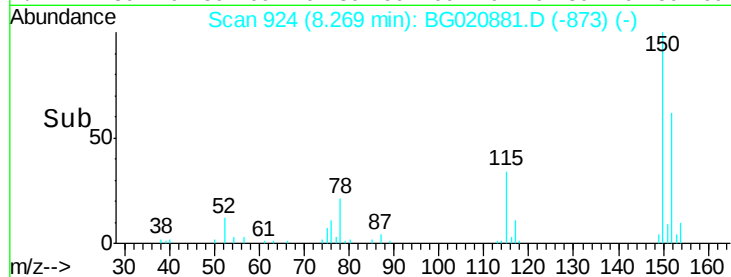
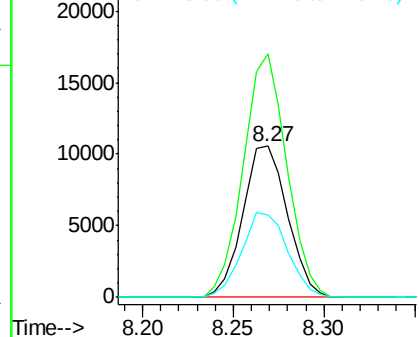
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG020881.D
Acq: 12 Feb 2016 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 18065
Ion Ratio Lower Upper
152 100
150 161.2 122.0 183.0
115 54.6 45.2 67.8



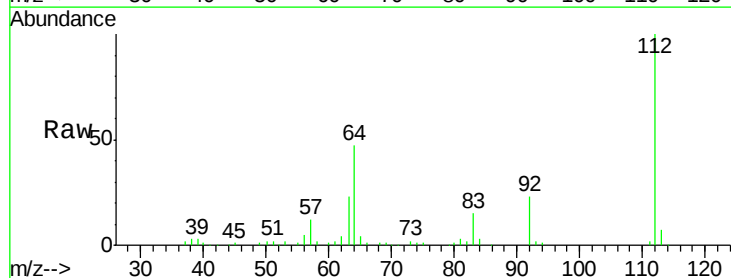
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



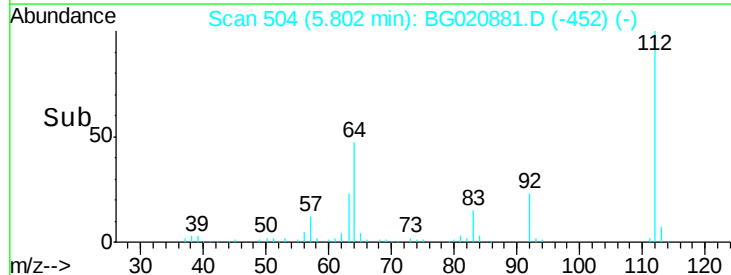
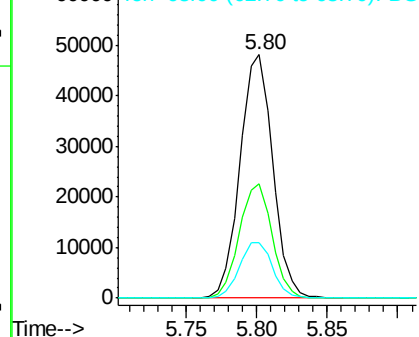
#5

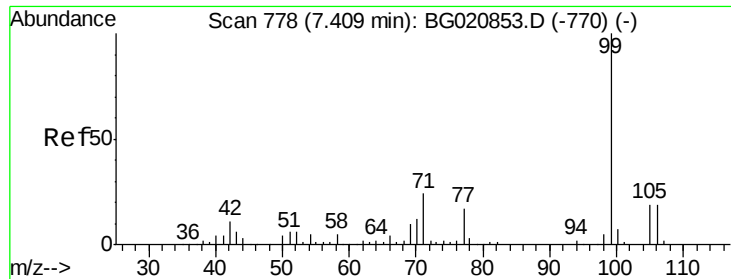
2-Fluorophenol
Concen: 72.88 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG020881.D
Acq: 12 Feb 2016 7:12

Tgt Ion:112 Resp: 78178
Ion Ratio Lower Upper
112 100
64 47.0 39.3 58.9
63 23.0 18.2 27.4



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: 52.50 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG020881.D

Acq: 12 Feb 2016 7:12

Instrument :

BNA_G

ClientSampleId :

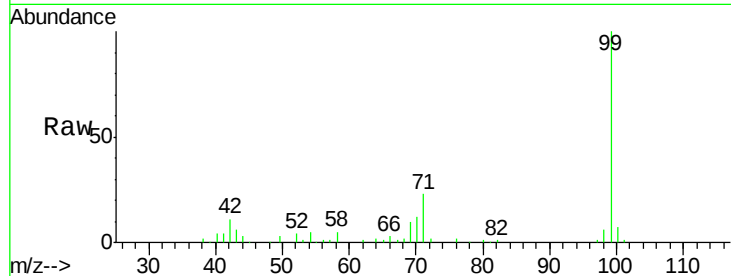
Tot Ion: 99 Resp: 82321

Ion Ratio Lower Upper

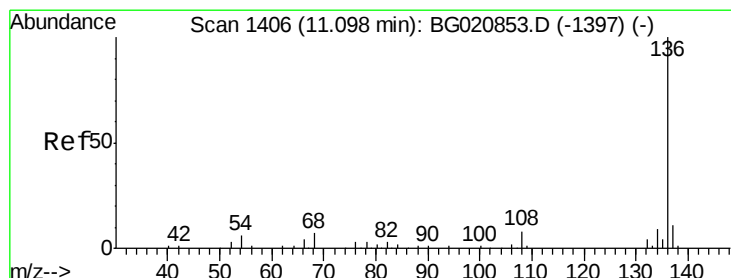
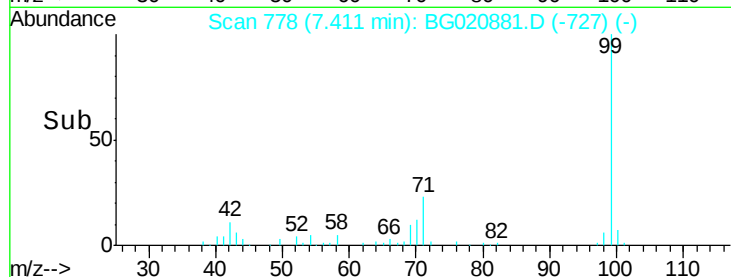
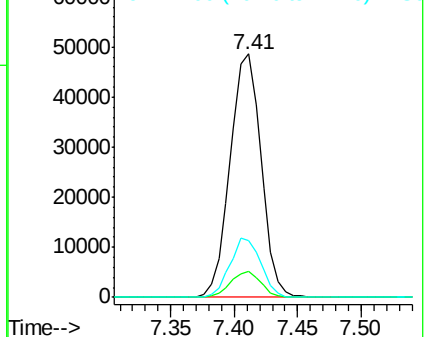
99 100

42 10.5 8.4 12.6

71 23.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG020881.D

Acq: 12 Feb 2016 7:12

Tgt Ion: 136 Resp: 92279

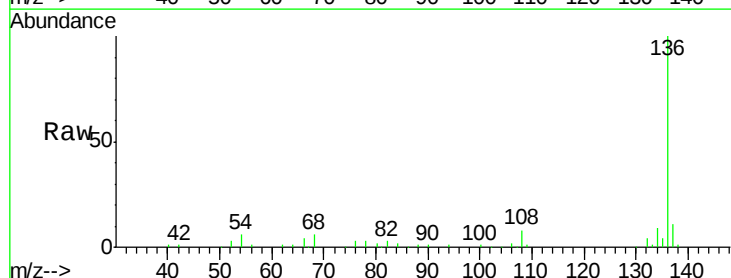
Ion Ratio Lower Upper

136 100

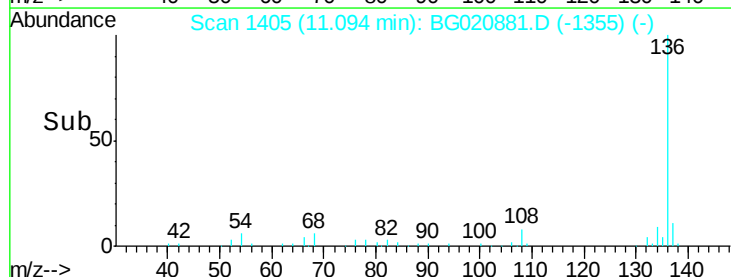
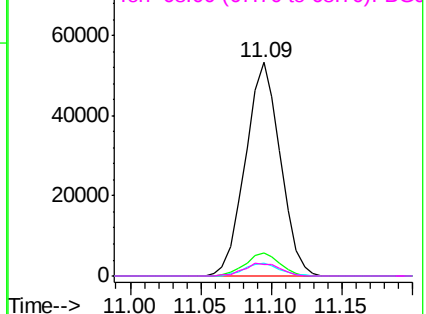
137 10.7 8.8 13.2

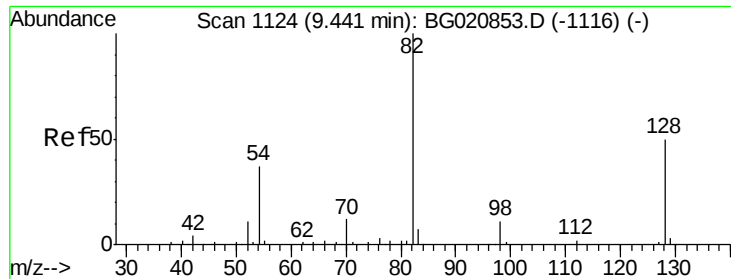
54 5.9 5.0 7.4

68 5.7 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

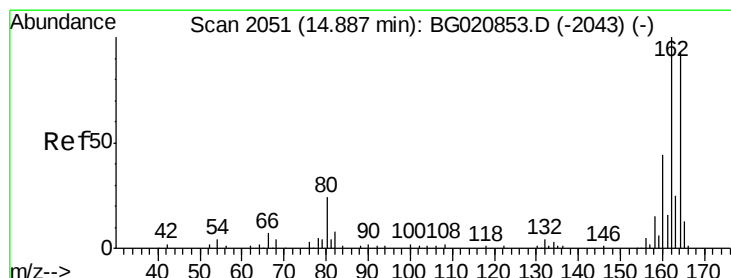
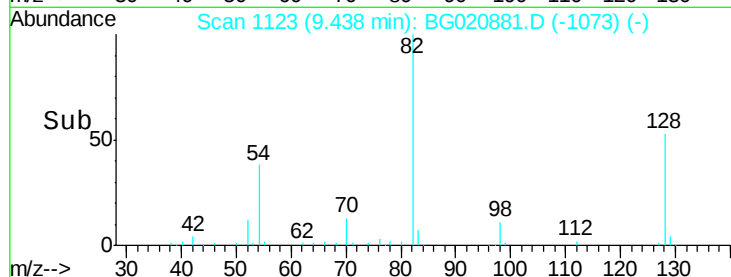
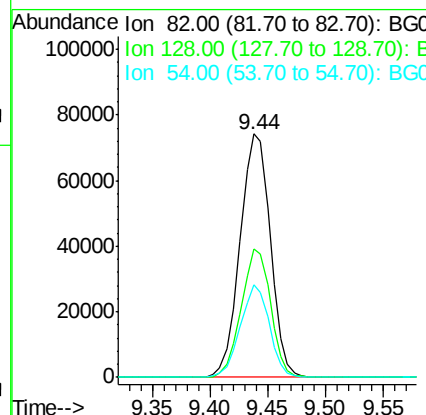
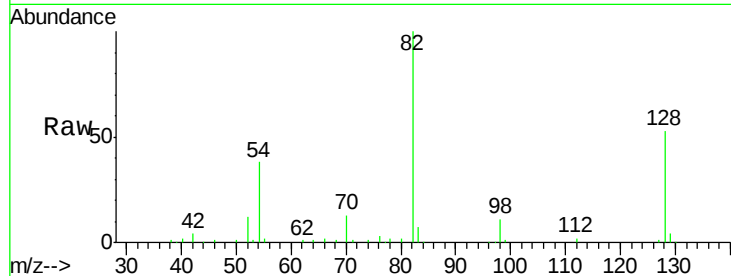




#23
 Nitrobenzene-d5
 Concen: 96.11 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BG020881.D
 Acq: 12 Feb 2016 7:12

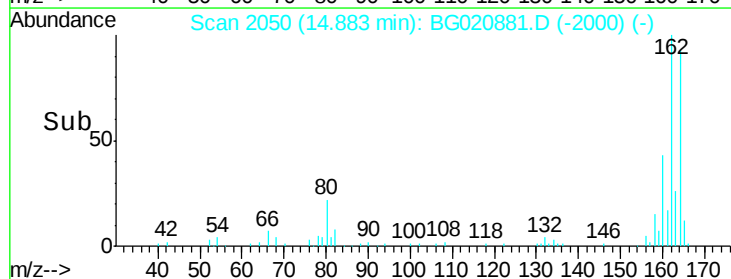
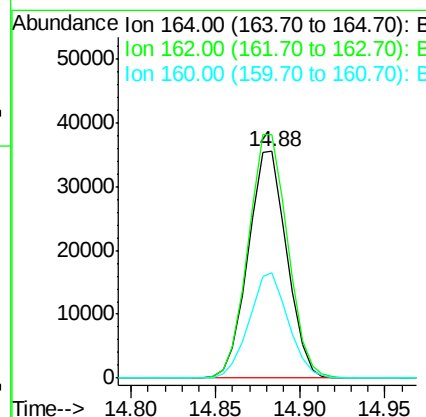
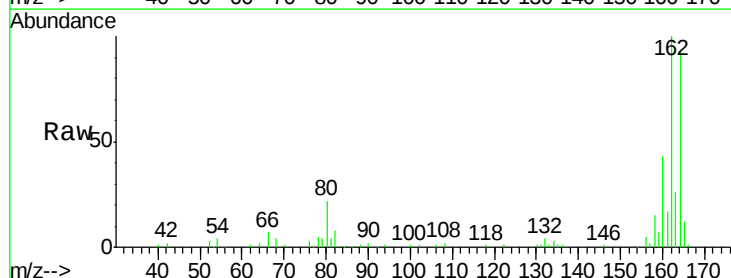
Instrument :
 BNA_G
 ClientSampled :

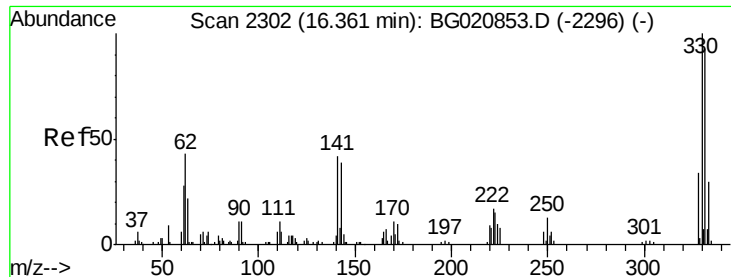
Tot Ion	82	Resp	134890
Ion Ratio	100	Lower	Upper
128	52.6	40.1	60.1
54	38.2	29.5	44.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG020881.D
 Acq: 12 Feb 2016 7:12

Tgt Ion	164	Resp	56681
Ion Ratio	100	Lower	Upper
162	107.4	85.7	128.5
160	46.6	37.4	56.0





#41

2,4,6-Tribromophenol

Concen: 161.21 ng

RT: 16.36 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BG020881.D

Acq: 12 Feb 2016 7:12

Instrument :

BNA_G

ClientSampleId :

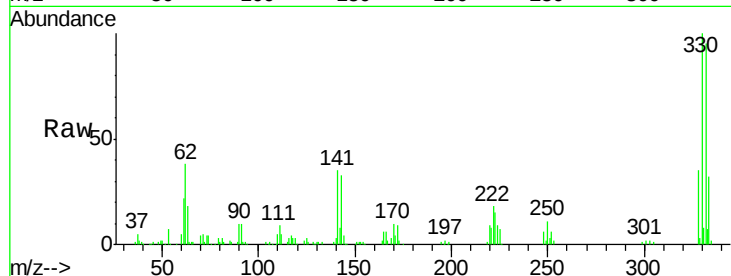
Tot Ion:330 Resp: 89860

Ion Ratio Lower Upper

330 100

332 96.1 76.1 114.1

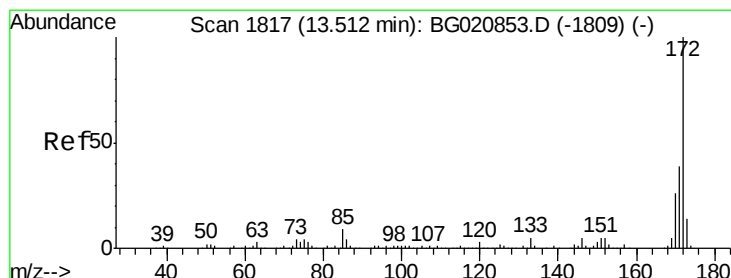
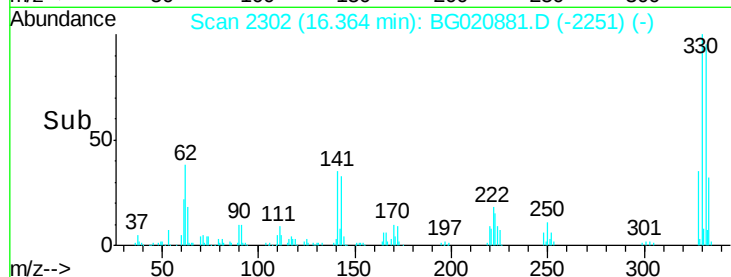
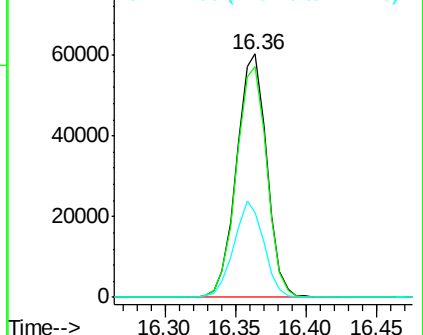
141 38.9 32.0 48.0



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: 95.26 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BG020881.D

Acq: 12 Feb 2016 7:12

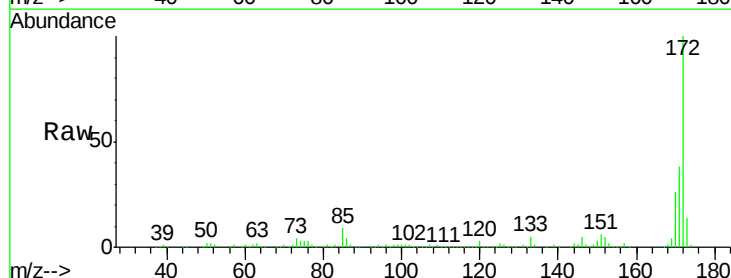
Tgt Ion:172 Resp: 384374

Ion Ratio Lower Upper

172 100

171 38.1 31.2 46.8

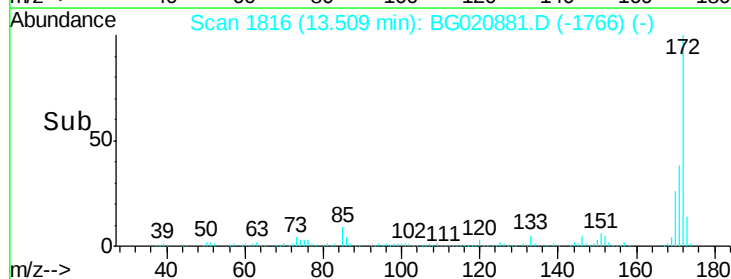
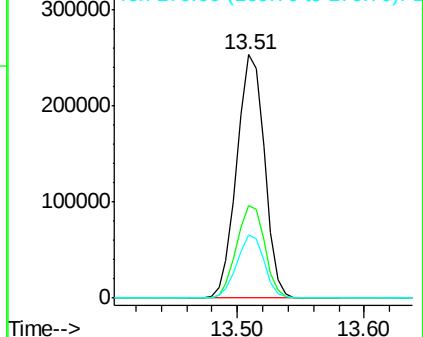
170 25.7 20.6 30.8

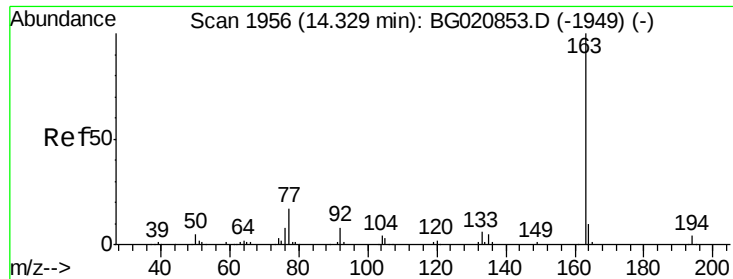


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.58 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG020881.D

Acq: 12 Feb 2016 7:12

Instrument :

BNA_G

ClientSampleId :

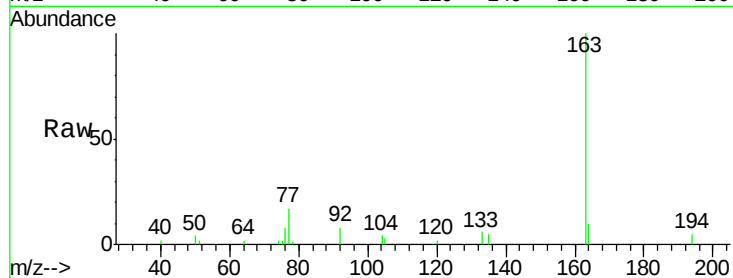
Tot Ion:163 Resp: 15871

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

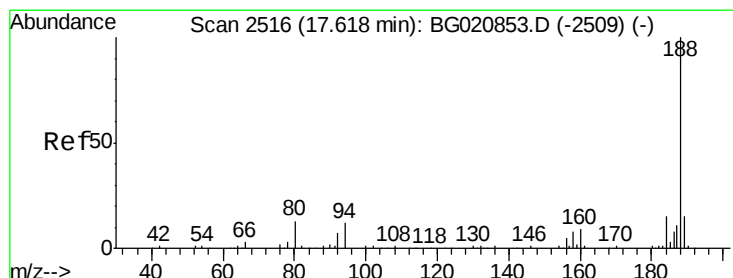
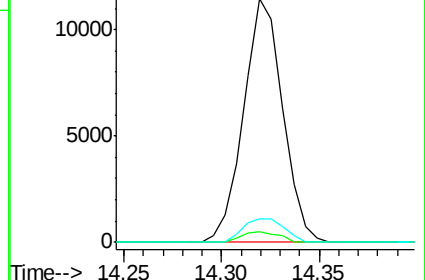
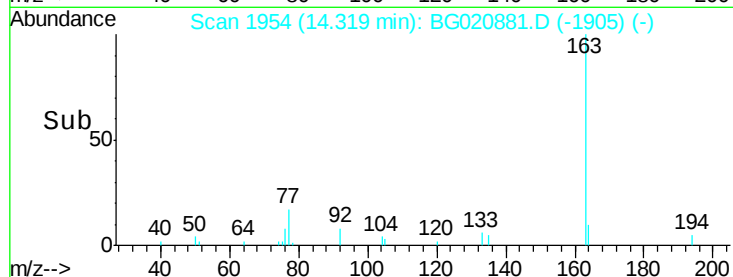
164 9.6 8.3 12.5



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: BG020881.D

Acq: 12 Feb 2016 7:12

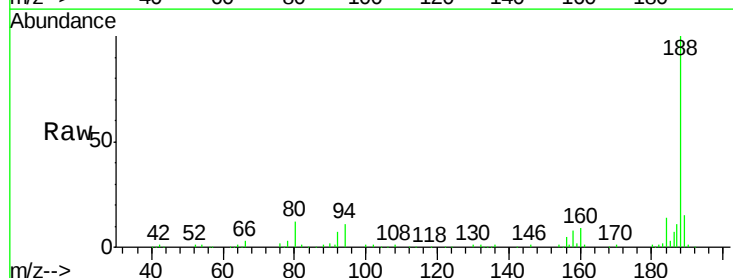
Tgt Ion:188 Resp: 115262

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.0

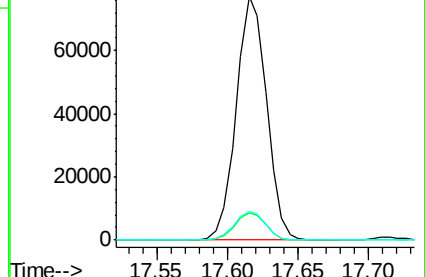
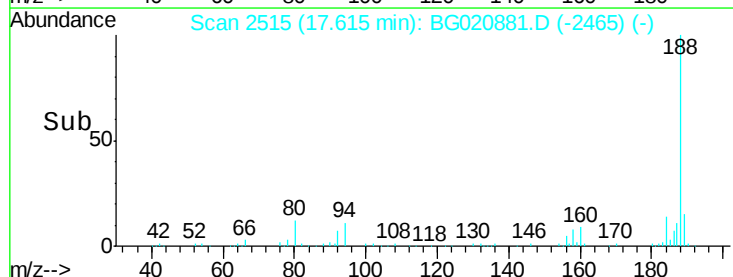
80 12.0 10.2 15.4

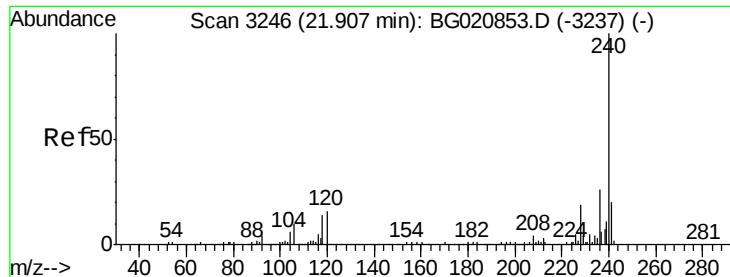


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG020881.D

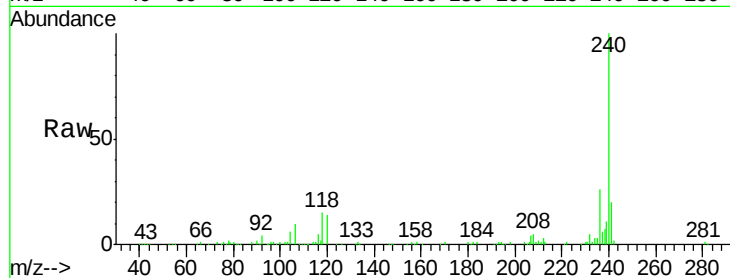
Acq: 12 Feb 2016 7:12

Instrument :

BNA_G

ClientSampleId :

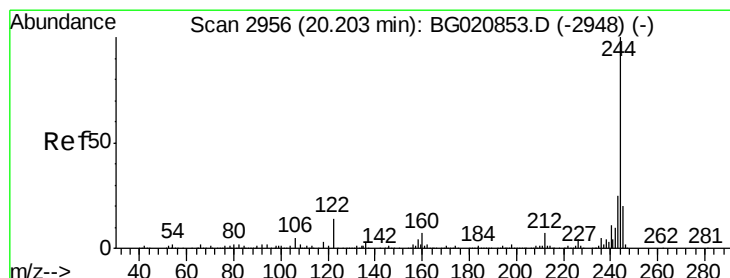
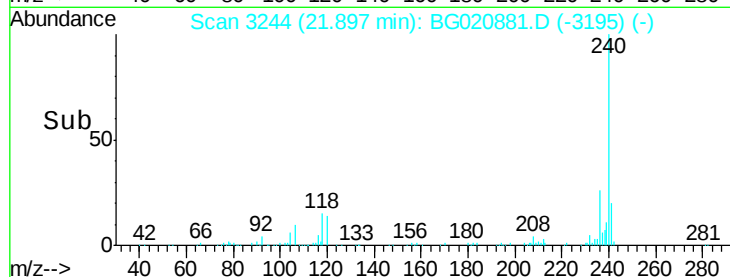
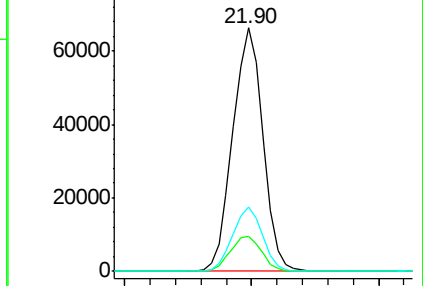
Tot Ion:240	Resp:	109025
Ion Ratio	Lower	Upper
240	100	
120	14.2	13.0 19.4
236	26.2	21.0 31.4



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: 98.77 ng

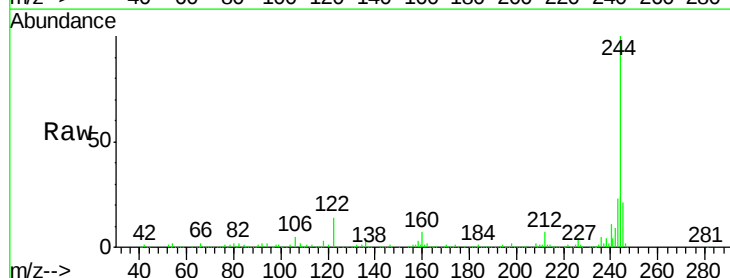
RT: 20.20 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG020881.D

Acq: 12 Feb 2016 7:12

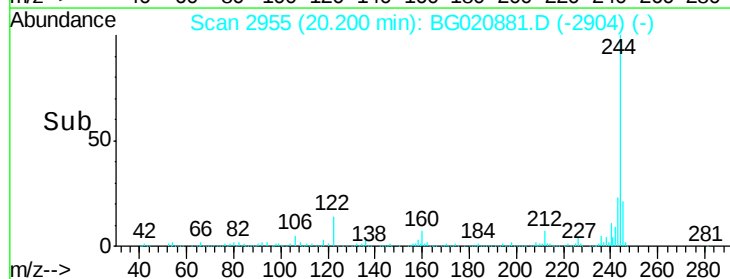
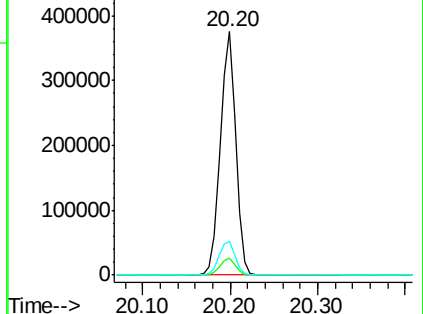
Tgt Ion:244	Resp:	461586
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.5 8.3
122	13.7	11.4 17.2

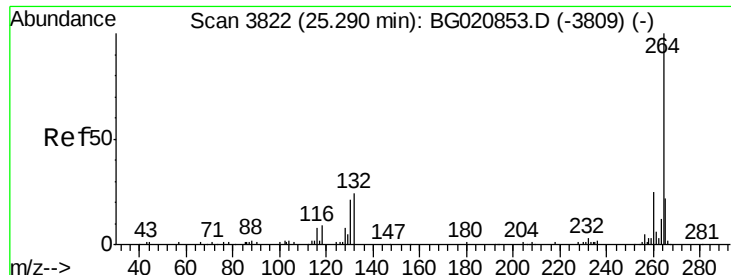


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

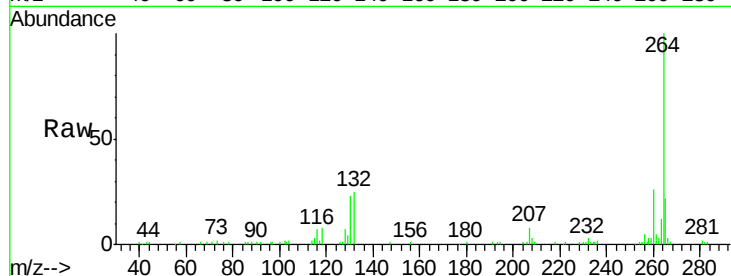




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG020881.D
Acq: 12 Feb 2016 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.9	29.9
265	22.4	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

