

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020943.D
 Acq On : 18 Feb 2016 19:51
 Operator : SJ/UM
 Sample : H1450-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 23:49:05 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

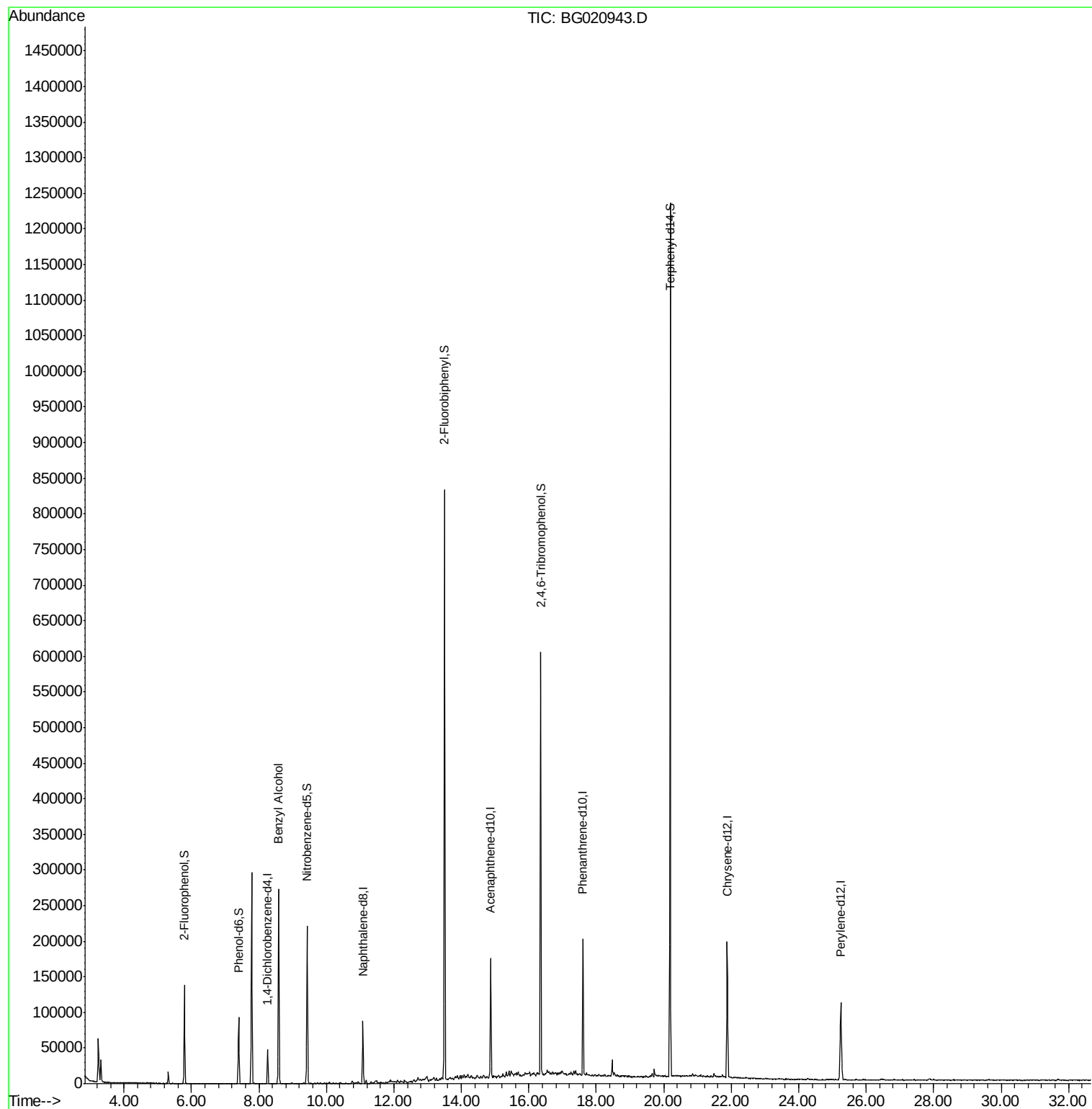
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	15500	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	83915	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	56529	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	121192	20.00	ng	0.00
75) Chrysene-d12	21.88	240	110430	20.00	ng	-0.03
86) Perylene-d12	25.25	264	104284	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	78259	85.03	ng	0.00
7) Phenol-d6	7.40	99	69327	51.53	ng	0.00
23) Nitrobenzene-d5	9.43	82	150802	118.16	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	114031	205.13	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	451304	112.15	ng	0.00
78) Terphenyl-d14	20.19	244	506884	107.08	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.58	79	1909	2.25	ng	Qvalue # 43

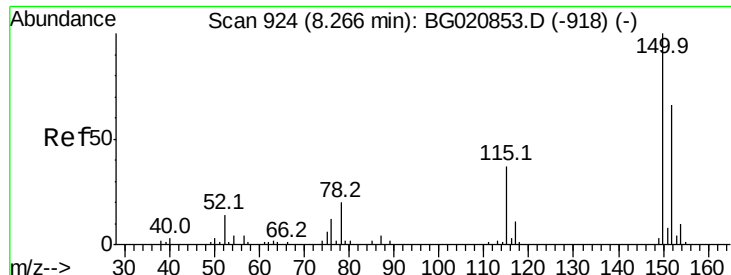
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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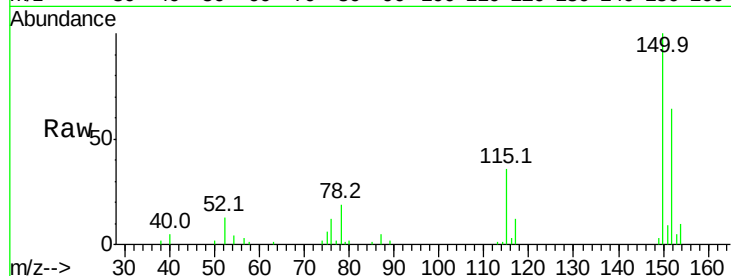


#1

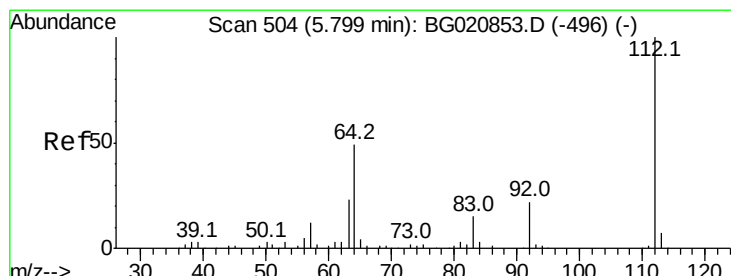
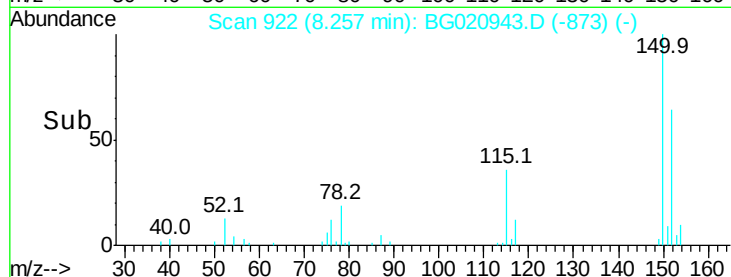
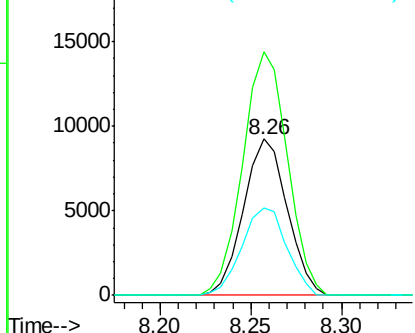
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020943.D
Acq: 18 Feb 2016 19:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 15500
Ion Ratio Lower Upper
152 100
150 156.0 122.0 183.0
115 56.2 45.2 67.8



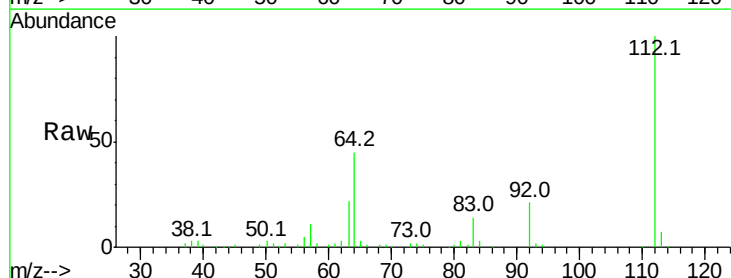
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



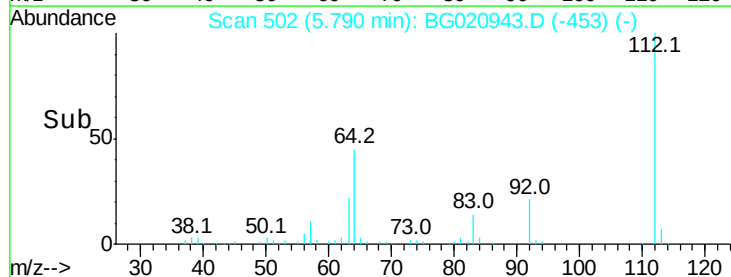
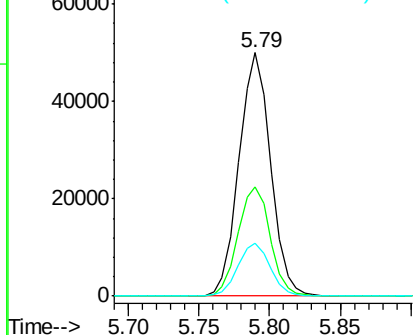
#5

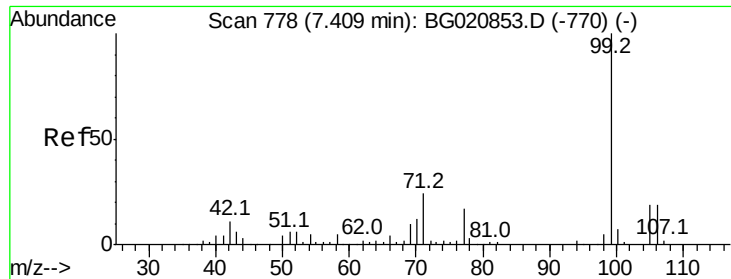
2-Fluorophenol
Concen: 85.03 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020943.D
Acq: 18 Feb 2016 19:51

Tgt Ion:112 Resp: 78259
Ion Ratio Lower Upper
112 100
64 44.8 39.3 58.9
63 21.9 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: 51.53 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020943.D

Acq: 18 Feb 2016 19:51

Instrument :

BNA_G

ClientSampled :

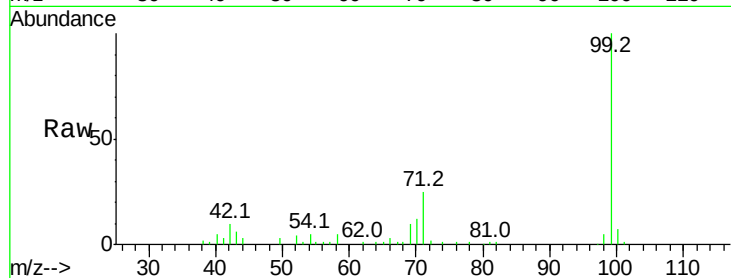
Tot Ion: 99 Resp: 69327

Ion Ratio Lower Upper

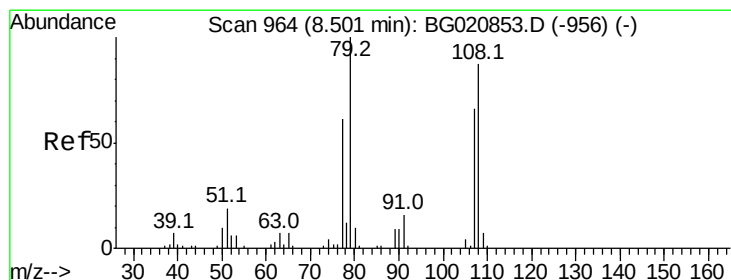
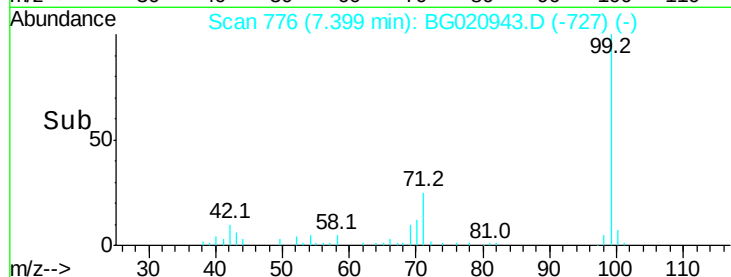
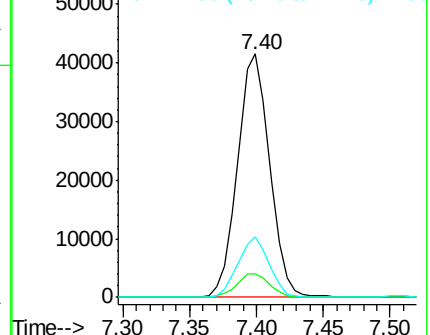
99 100

42 9.8 8.4 12.6

71 24.7 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



#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 8.58 min Scan# 977

Delta R.T. 0.08 min

Lab File: BG020943.D

Acq: 18 Feb 2016 19:51

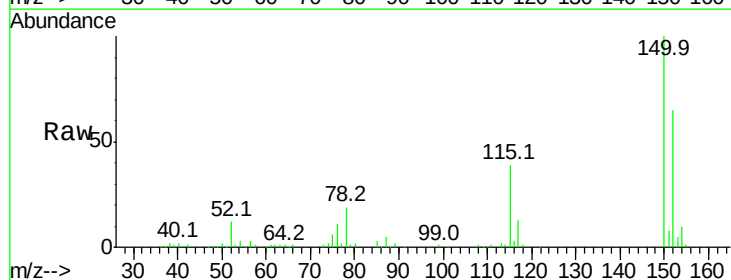
Tgt Ion: 79 Resp: 1909

Ion Ratio Lower Upper

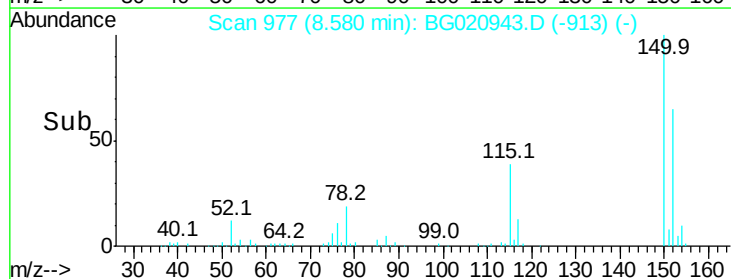
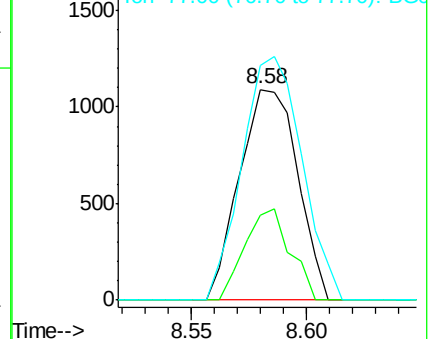
79 100

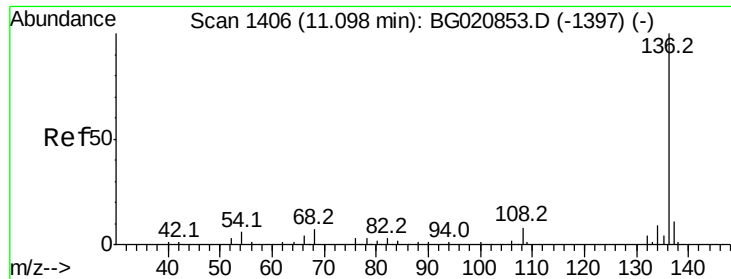
108 40.4 69.4 104.2#

77 111.6 48.6 73.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

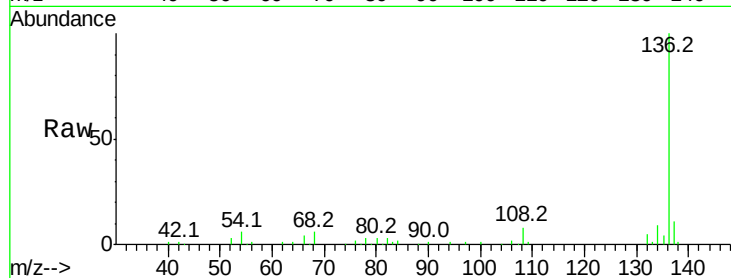




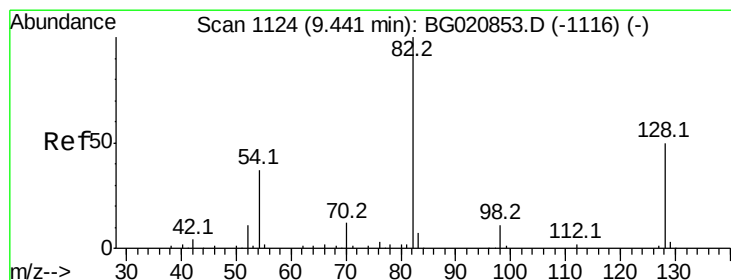
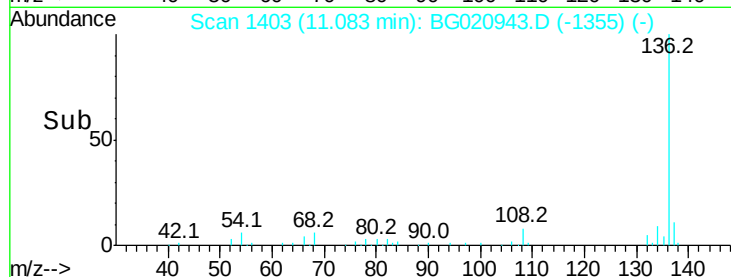
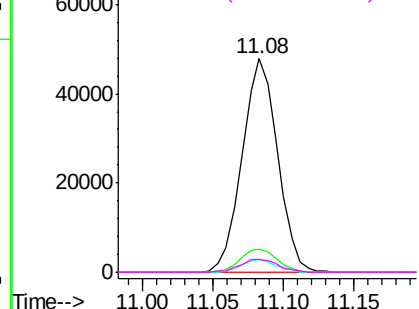
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020943.D
Acq: 18 Feb 2016 19:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	83915
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.0	5.0	7.4
68	6.3	5.2	7.8

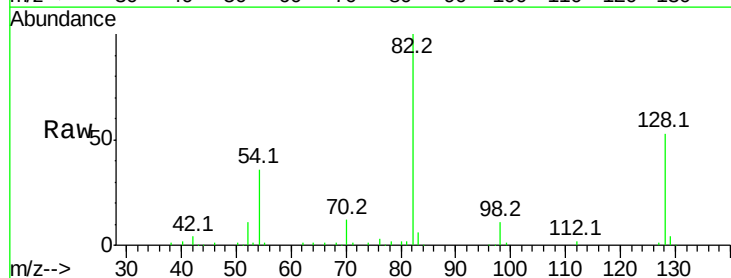


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

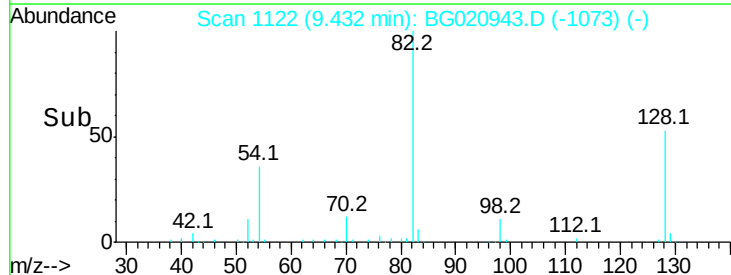
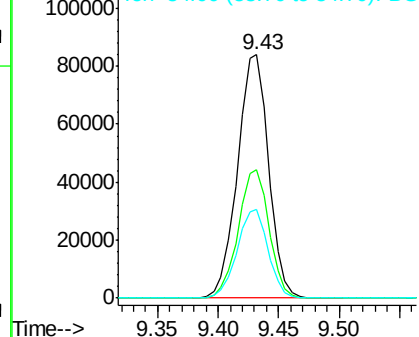


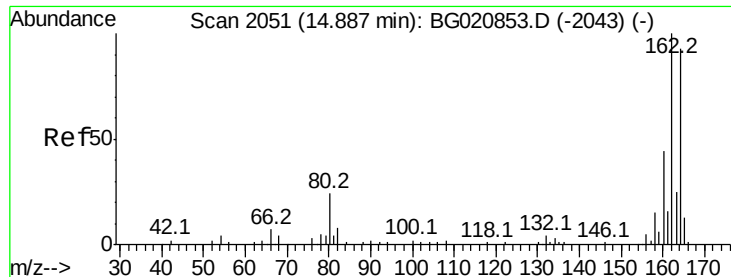
#23
Nitrobenzene-d5
Concen: 118.16 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020943.D
Acq: 18 Feb 2016 19:51

Tgt Ion:	82	Resp:	150802
Ion	Ratio	Lower	Upper
82	100		
128	52.9	40.1	60.1
54	36.2	29.5	44.3



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG020943.D

Acq: 18 Feb 2016 19:51

Instrument :

BNA_G

ClientSampled :

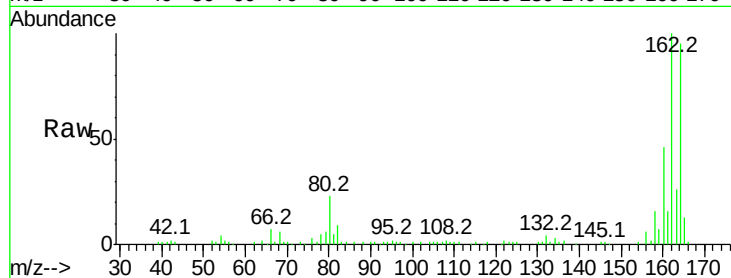
Tot Ion:164 Resp: 56529

Ion Ratio Lower Upper

164 100

162 105.6 85.7 128.5

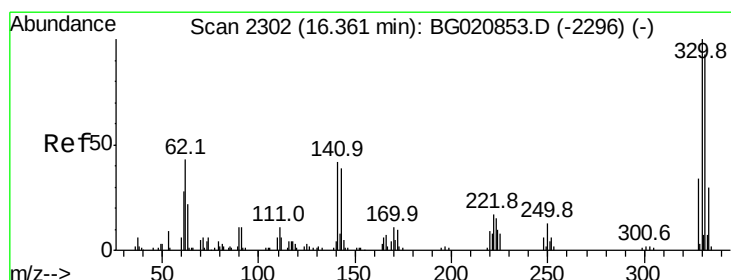
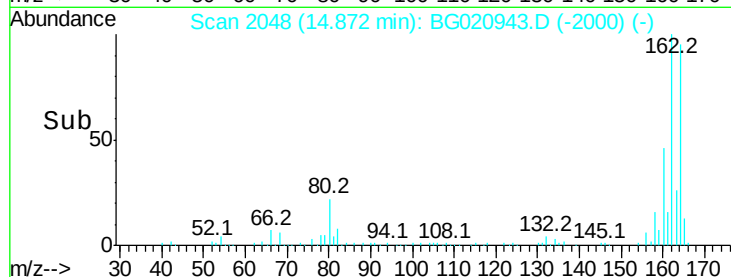
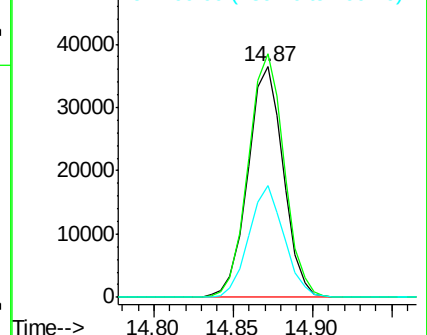
160 48.3 37.4 56.0



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: 205.13 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG020943.D

Acq: 18 Feb 2016 19:51

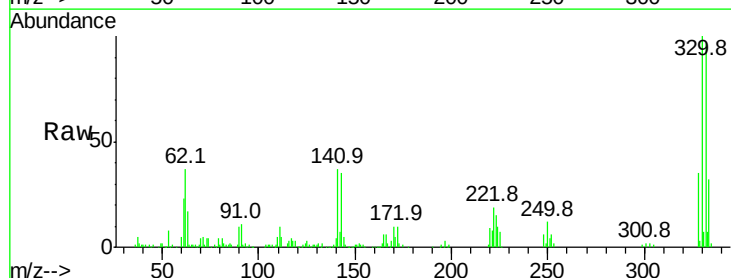
Tgt Ion:330 Resp: 114031

Ion Ratio Lower Upper

330 100

332 95.7 76.1 114.1

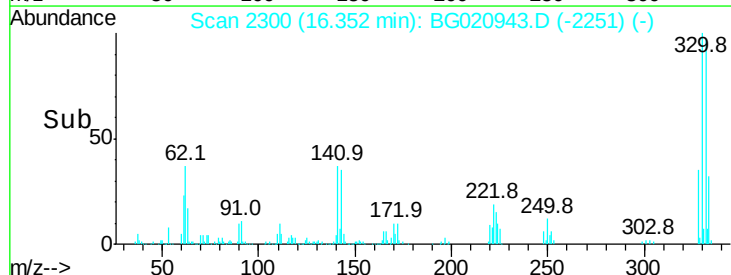
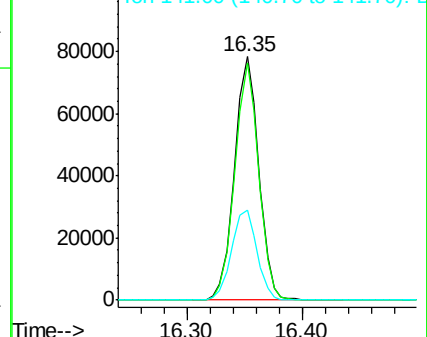
141 38.8 32.0 48.0

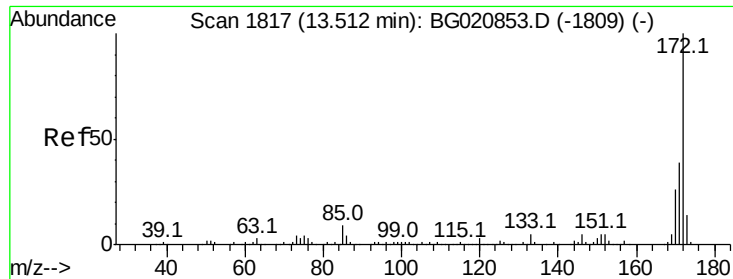


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

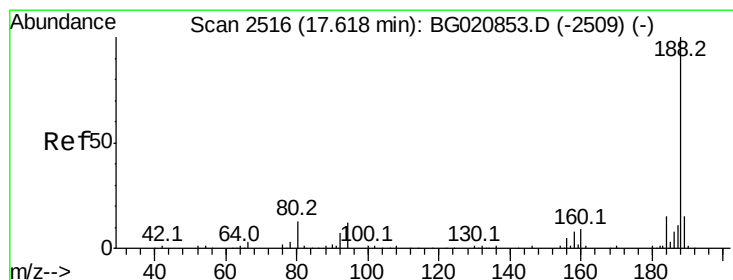
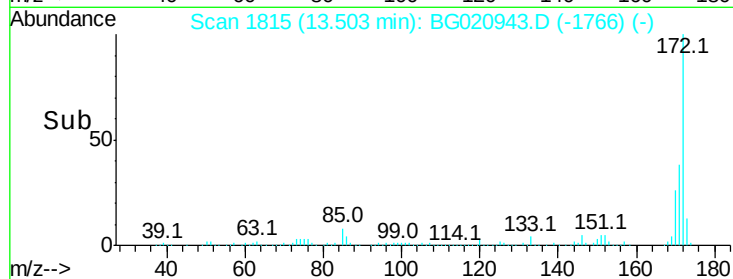
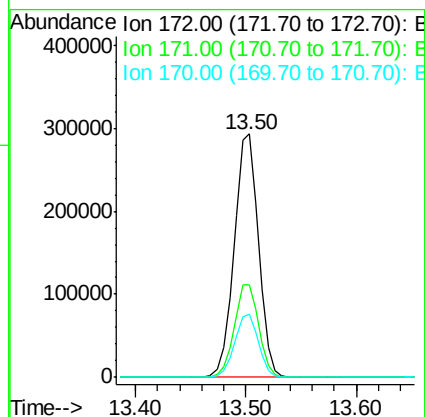
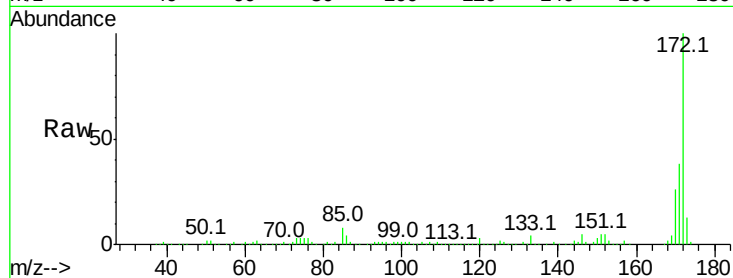




#44
 2-Fluorobiphenyl
 Concen: 112.15 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020943.D
 Acq: 18 Feb 2016 19:51

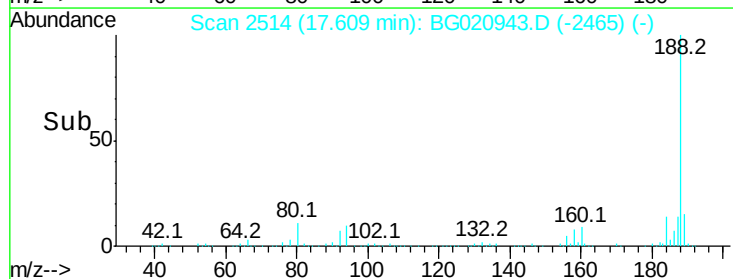
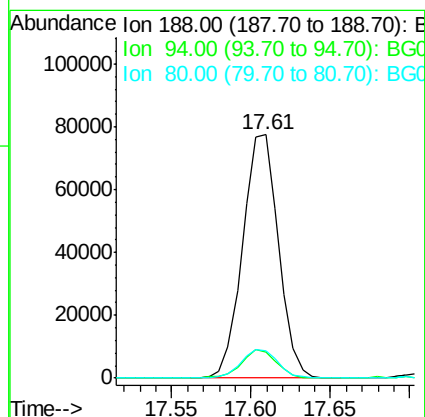
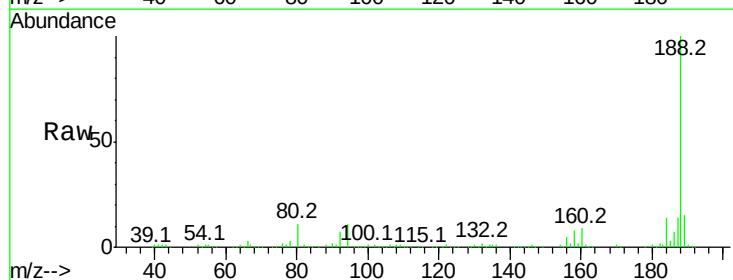
Instrument :
 BNA_G
 ClientSampleId :

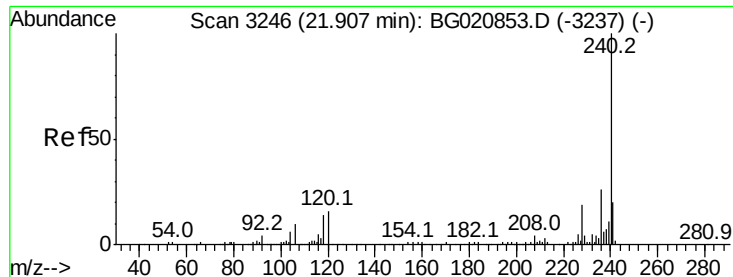
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.2	46.8
170	25.8	20.6	30.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG020943.D
 Acq: 18 Feb 2016 19:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.0
80	11.2	10.2	15.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3241

Delta R.T. -0.03 min

Lab File: BG020943.D

Acq: 18 Feb 2016 19:51

Instrument :

BNA_G

ClientSampleId :

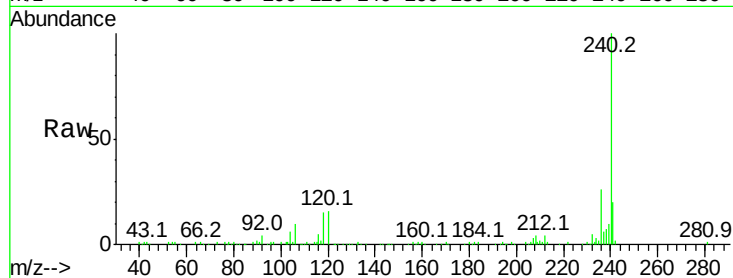
Tot Ion:240 Resp: 110430

Ion Ratio Lower Upper

240 100

120 16.2 13.0 19.4

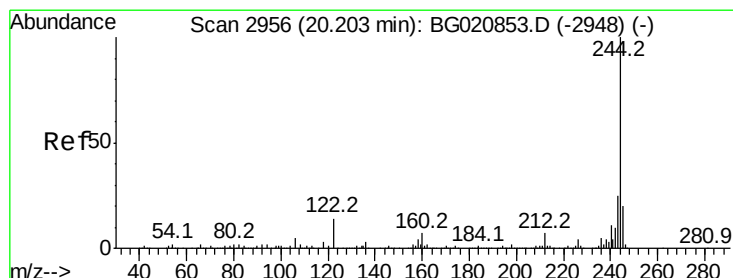
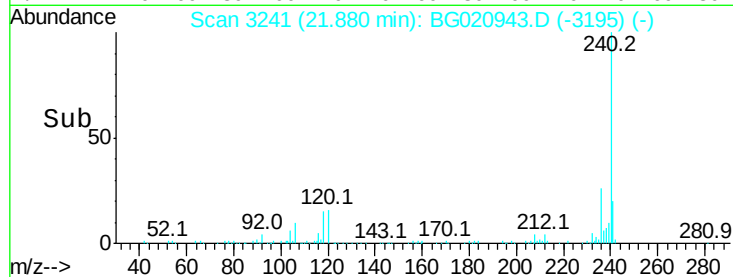
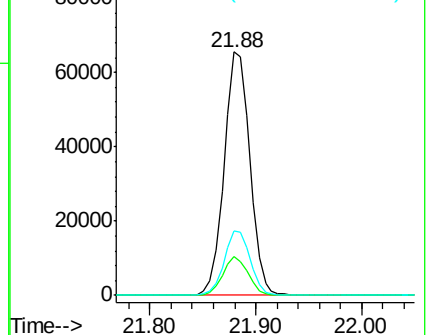
236 26.4 21.0 31.4



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: 107.08 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020943.D

Acq: 18 Feb 2016 19:51

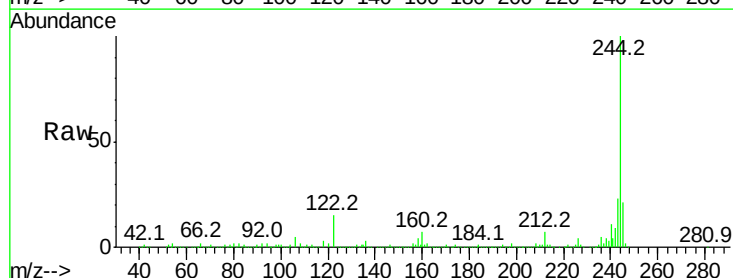
Tgt Ion:244 Resp: 506884

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

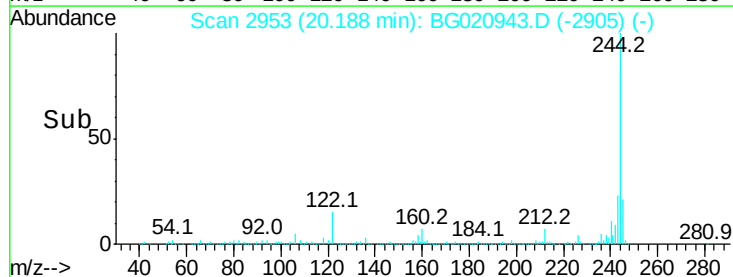
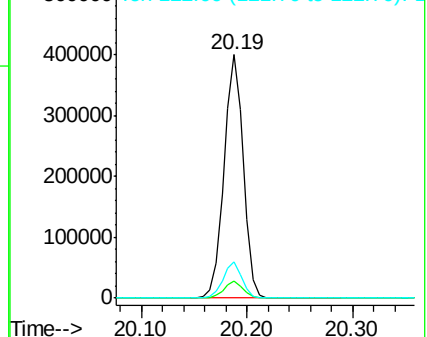
122 14.7 11.4 17.2

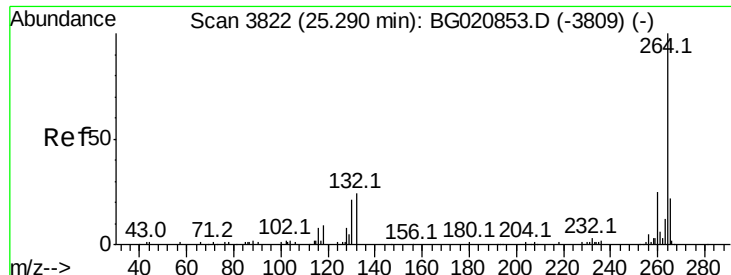


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

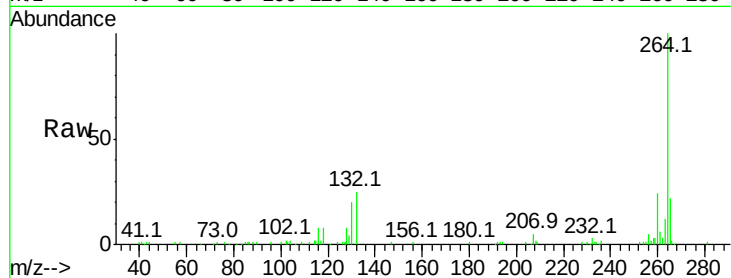




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3815
 Delta R.T. -0.04 min
 Lab File: BG020943.D
 Acq: 18 Feb 2016 19:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.7	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

