

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020976.D
 Acq On : 19 Feb 2016 17:37
 Operator : SJ/UM
 Sample : H1453-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-4

Quant Time: Feb 20 05:47:21 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

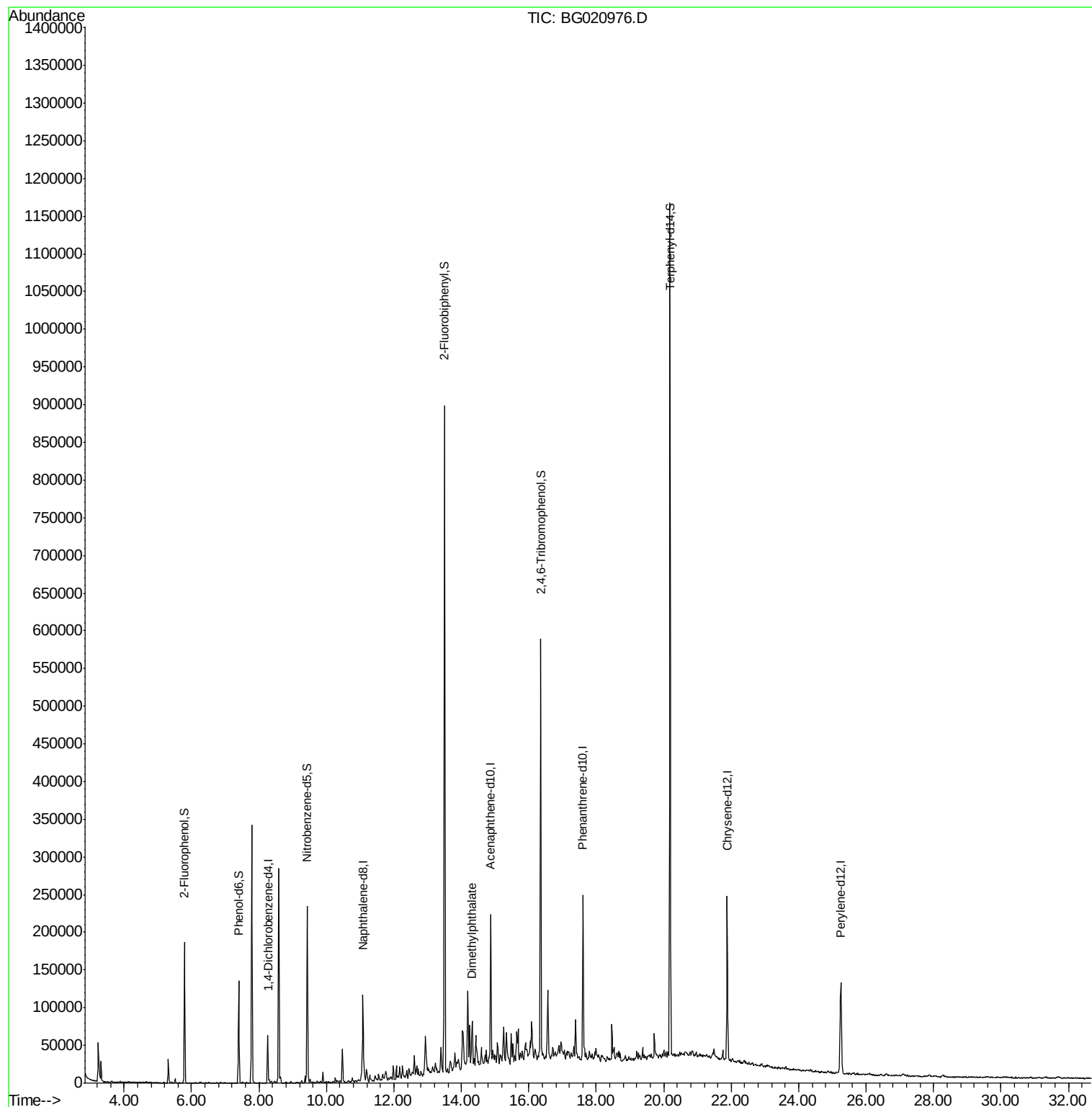
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	20021	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	107476	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	65602	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	127635	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	121004	20.00	ng	-0.02
86) Perylene-d12	25.25	264	115943	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	105847	89.03	ng	-0.01
7) Phenol-d6	7.40	99	104566	60.18	ng	-0.01
23) Nitrobenzene-d5	9.43	82	158399	96.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	104505	161.99	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	458835	98.25	ng	-0.01
78) Terphenyl-d14	20.18	244	470468	90.70	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.31	163	30577	5.96	ng	99

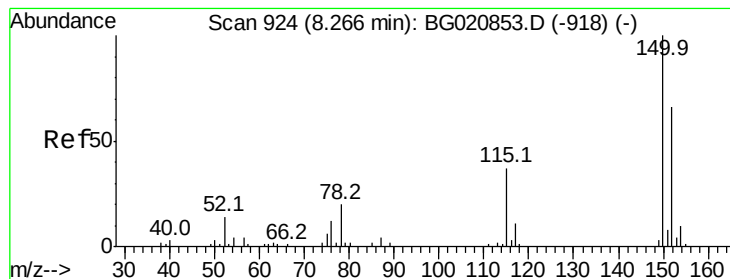
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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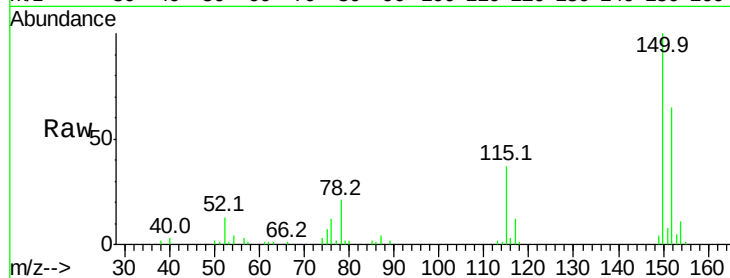


#1

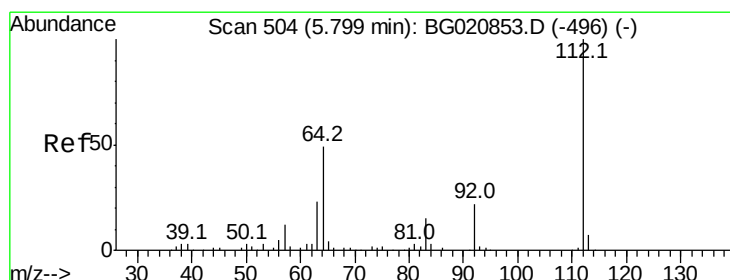
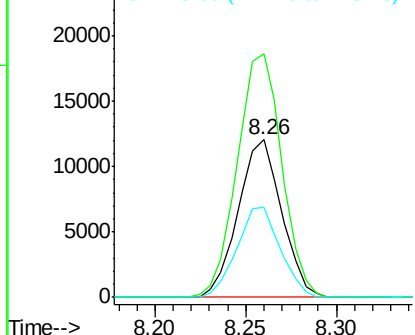
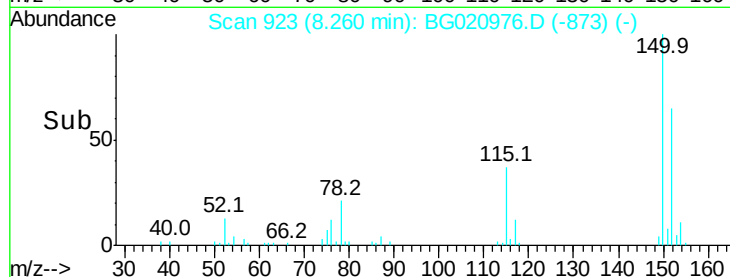
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG020976.D
Acq: 19 Feb 2016 17:37

Instrument :
BNA_G
ClientSampled :
EGR-A-4

Tot Ion:152 Resp: 20021
Ion Ratio Lower Upper
152 100
150 154.6 122.0 183.0
115 57.5 45.2 67.8



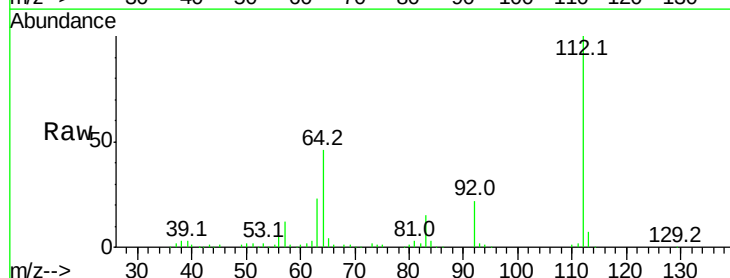
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



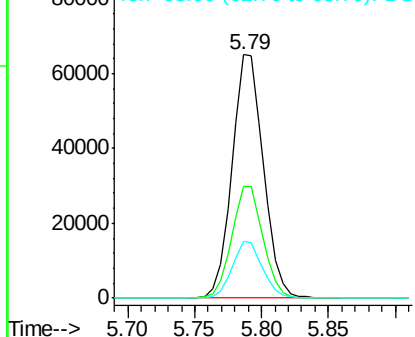
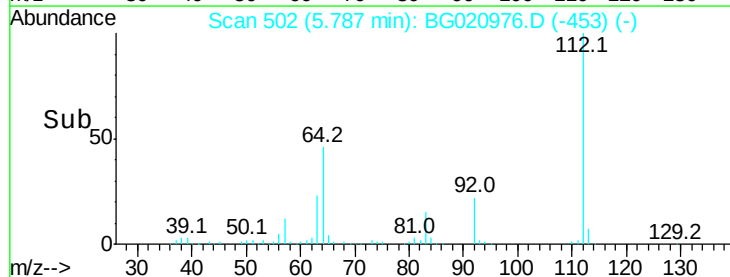
#5

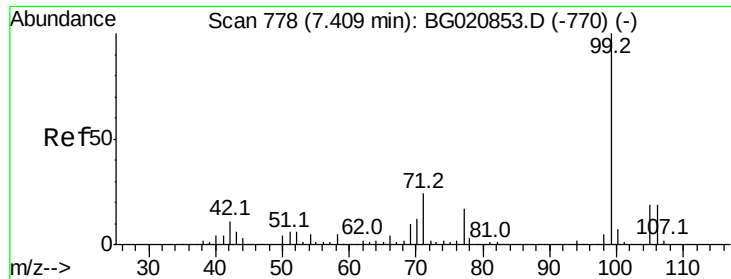
2-Fluorophenol
Concen: 89.03 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020976.D
Acq: 19 Feb 2016 17:37

Tgt Ion:112 Resp: 105847
Ion Ratio Lower Upper
112 100
64 46.1 39.3 58.9
63 23.1 18.2 27.4



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





#7

Phenol-d6

Concen: 60.18 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020976.D

Acq: 19 Feb 2016 17:37

Instrument :

BNA_G

ClientSampleId :

EGR-A-4

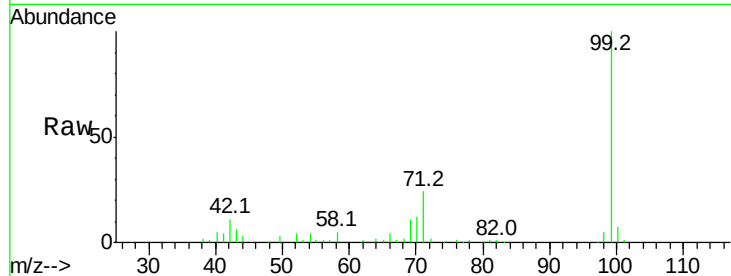
Tot Ion: 99 Resp: 104566

Ion Ratio Lower Upper

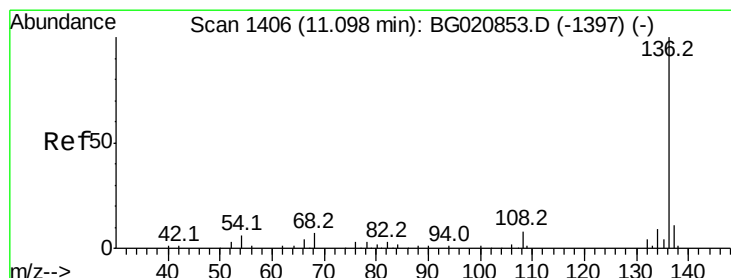
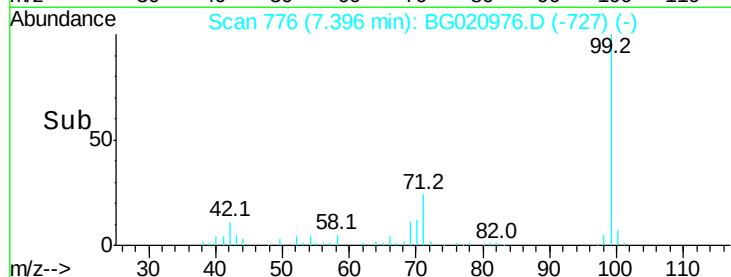
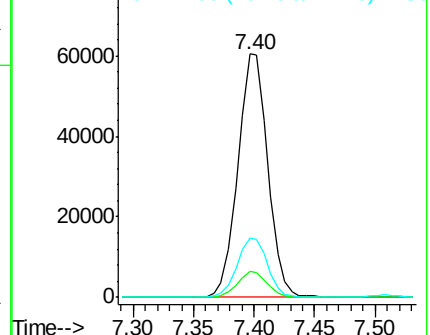
99 100

42 10.8 8.4 12.6

71 24.3 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# 1404

Delta R.T. -0.01 min

Lab File: BG020976.D

Acq: 19 Feb 2016 17:37

Tgt Ion: 136 Resp: 107476

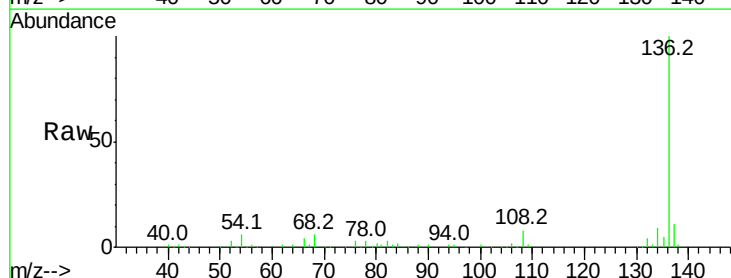
Ion Ratio Lower Upper

136 100

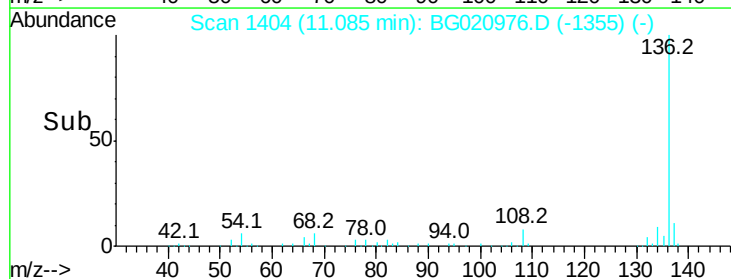
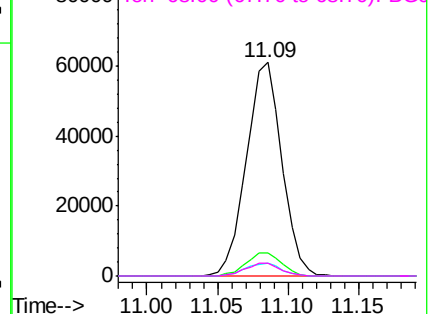
137 10.7 8.8 13.2

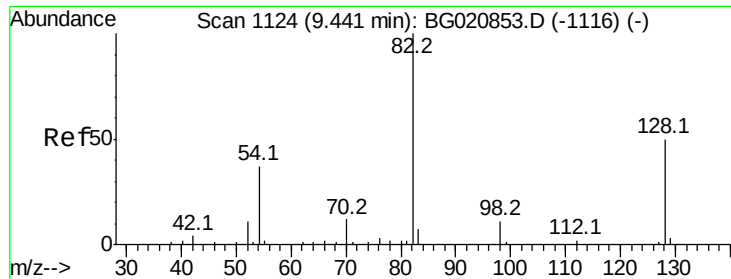
54 5.7 5.0 7.4

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

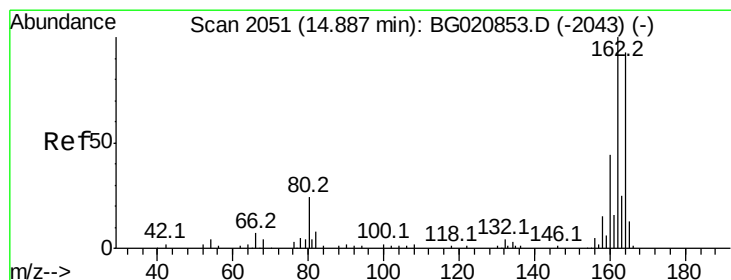
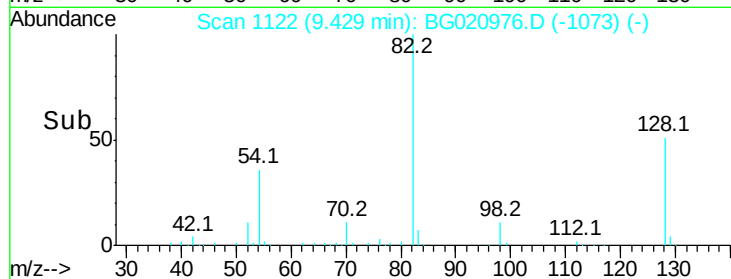
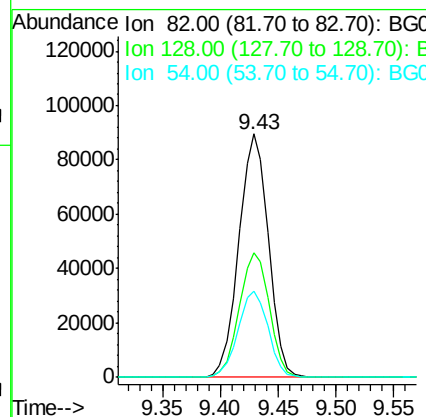
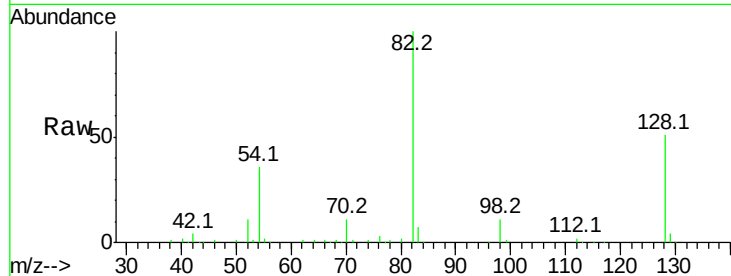




#23
 Nitrobenzene-d5
 Concen: 96.90 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020976.D
 Acq: 19 Feb 2016 17:37

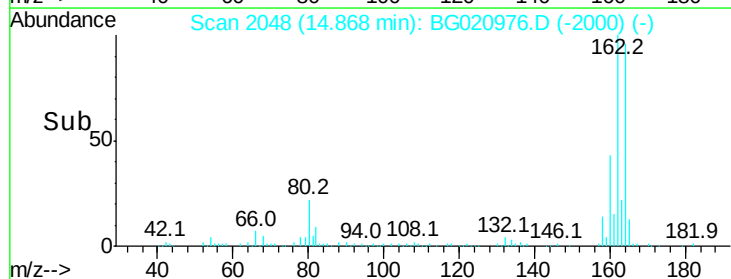
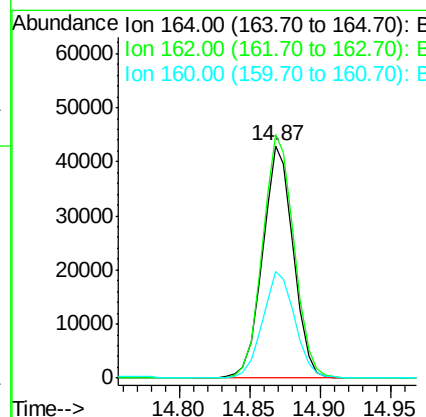
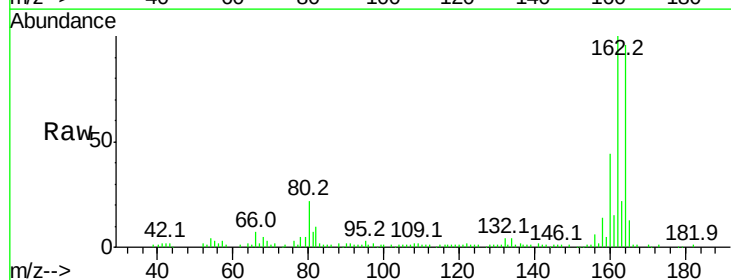
Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-4

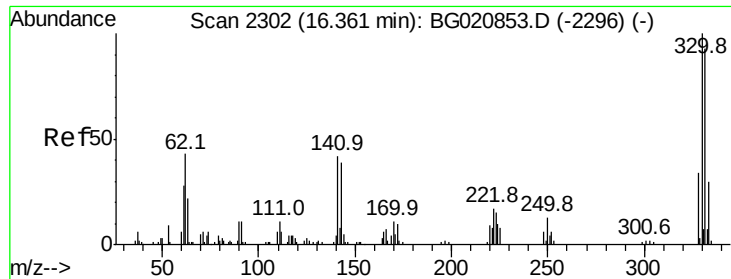
Tot Ion	82	Resp	158399
Ion Ratio	100	Lower	Upper
128	51.3	40.1	60.1
54	35.5	29.5	44.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020976.D
 Acq: 19 Feb 2016 17:37

Tgt Ion	164	Resp	65602
Ion Ratio	100	Lower	Upper
162	104.7	85.7	128.5
160	45.9	37.4	56.0

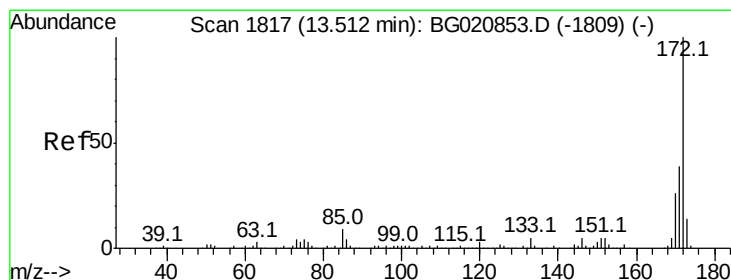
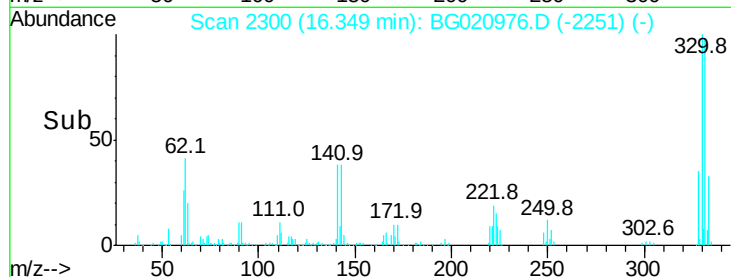
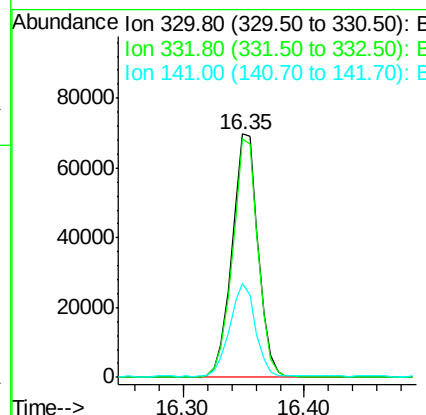
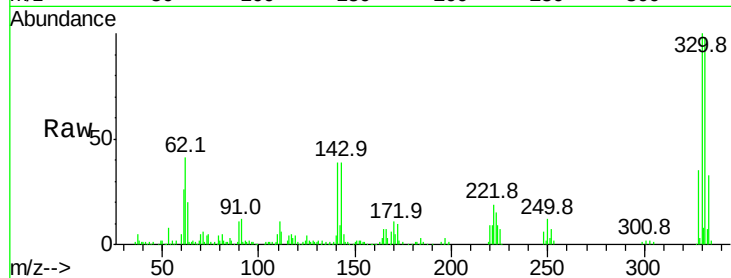




#41
 2,4,6-Tribromophenol
 Concen: 161.99 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020976.D
 Acq: 19 Feb 2016 17:37

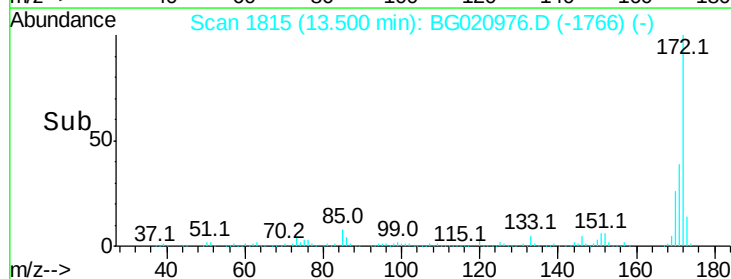
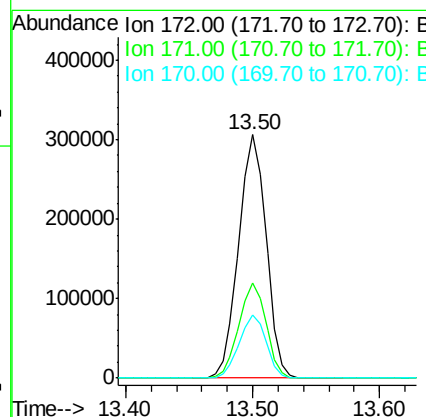
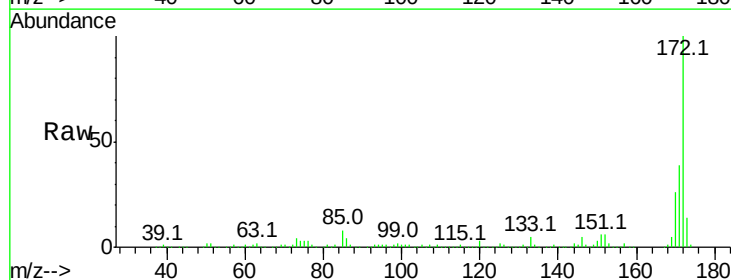
Instrument :
 BNA_G
 ClientSampled :
 EGR-A-4

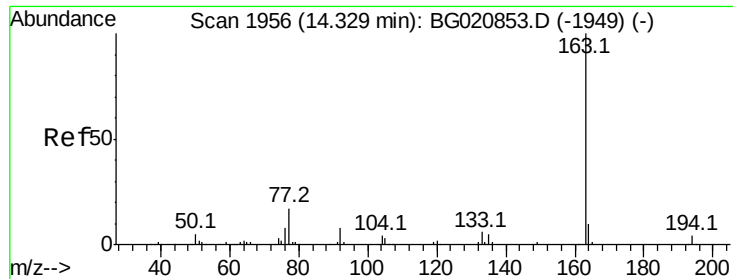
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.1	114.1
141	37.4	32.0	48.0



#44
 2-Fluorobiphenyl
 Concen: 98.25 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020976.D
 Acq: 19 Feb 2016 17:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.2	46.8
170	26.2	20.6	30.8





#49

Dimethylphthalate

Concen: 5.96 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020976.D

Acq: 19 Feb 2016 17:37

Instrument :

BNA_G

ClientSampleId :

EGR-A-4

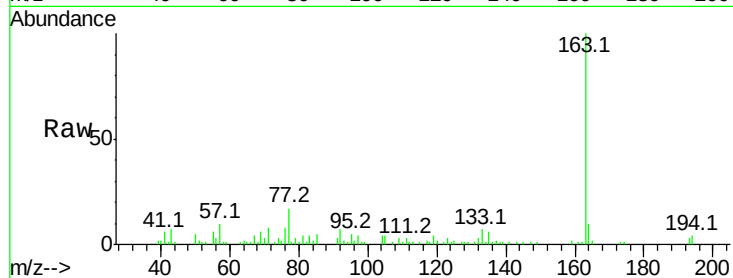
Tot Ion:163 Resp: 30577

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

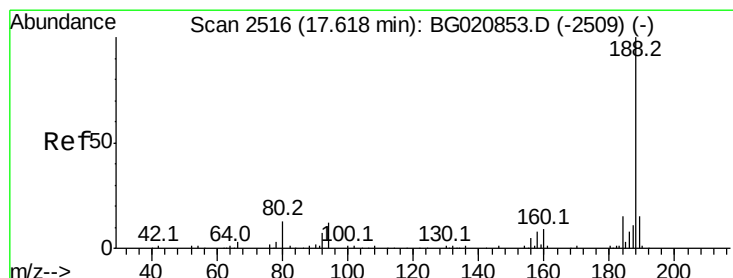
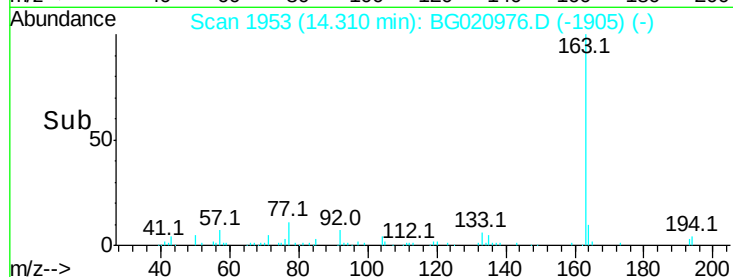
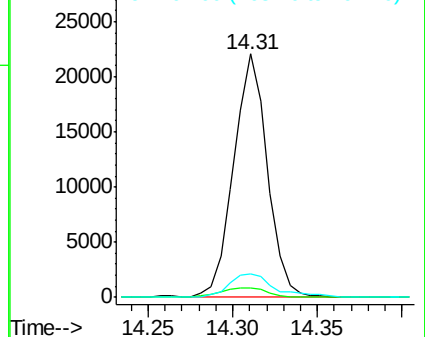
164 9.8 8.3 12.5



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# 2514

Delta R.T. -0.01 min

Lab File: BG020976.D

Acq: 19 Feb 2016 17:37

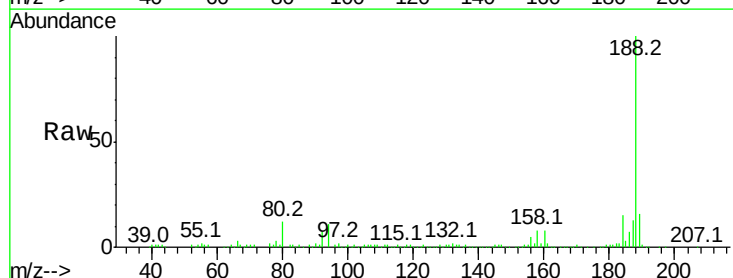
Tgt Ion:188 Resp: 127635

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.0

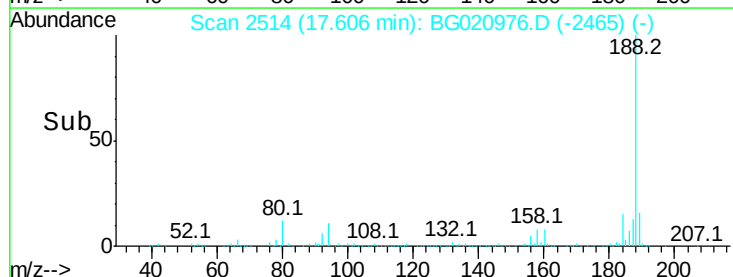
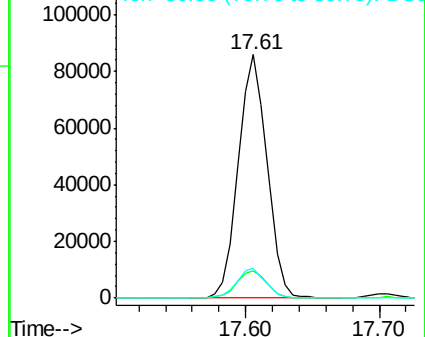
80 12.1 10.2 15.4

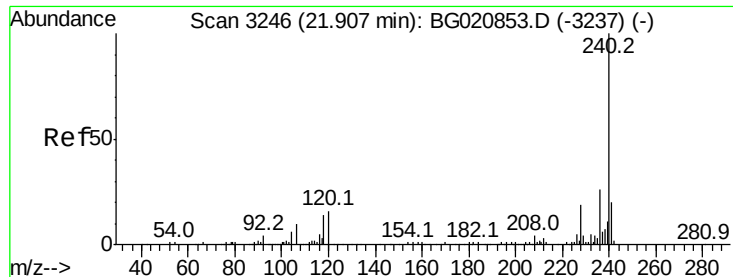


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.88 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020976.D

Acq: 19 Feb 2016 17:37

Instrument :

BNA_G

ClientSampleId :

EGR-A-4

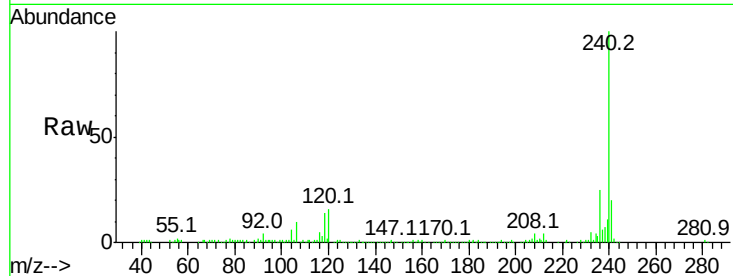
Tot Ion:240 Resp: 121004

Ion Ratio Lower Upper

240 100

120 15.6 13.0 19.4

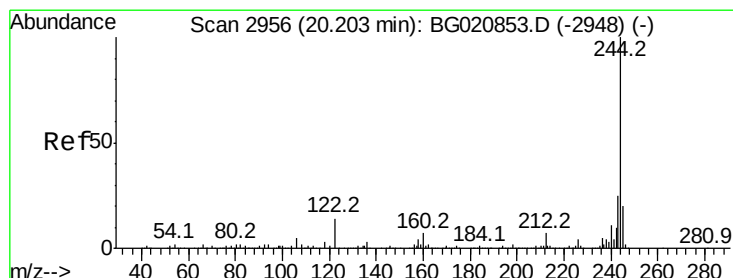
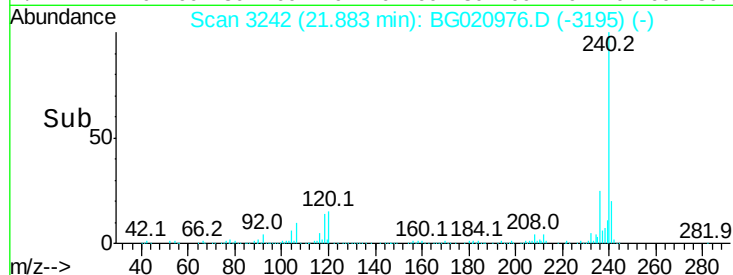
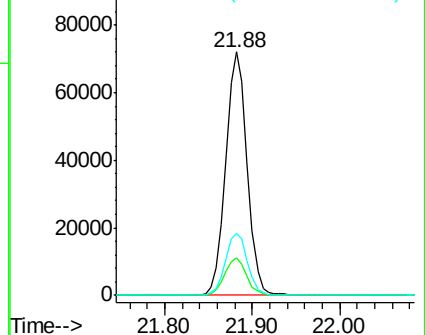
236 25.3 21.0 31.4



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: 90.70 ng

RT: 20.18 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020976.D

Acq: 19 Feb 2016 17:37

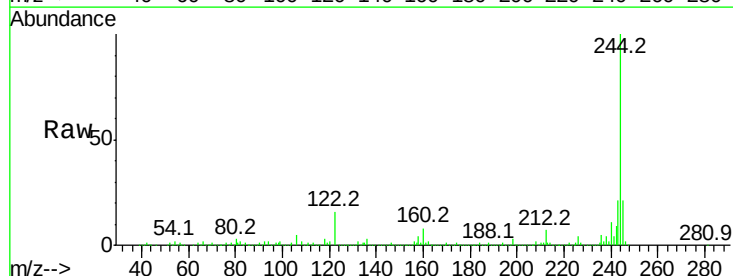
Tgt Ion:244 Resp: 470468

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

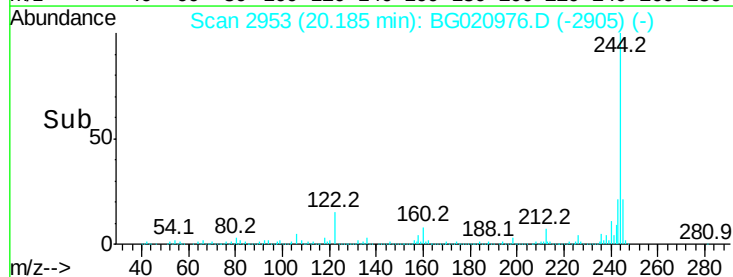
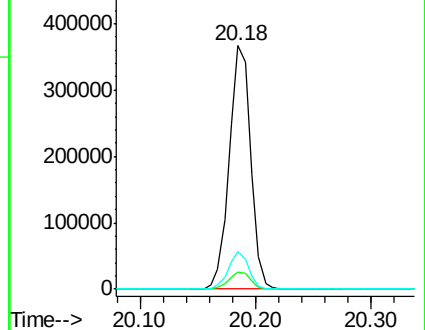
122 15.5 11.4 17.2

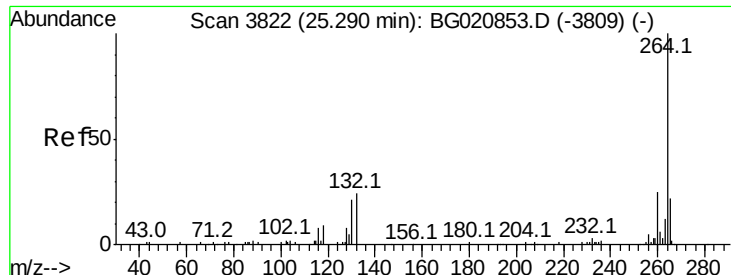


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

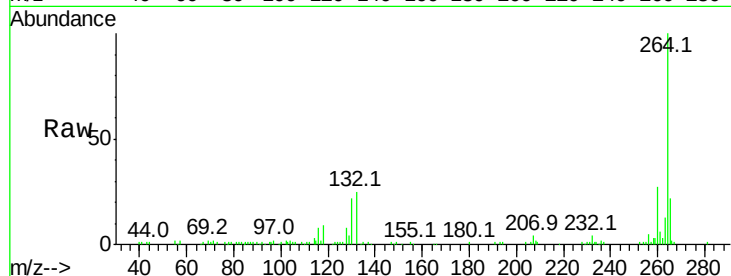




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3815
 Delta R.T. -0.04 min
 Lab File: BG020976.D
 Acq: 19 Feb 2016 17:37

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.6	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

