

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 19 18:20:00 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

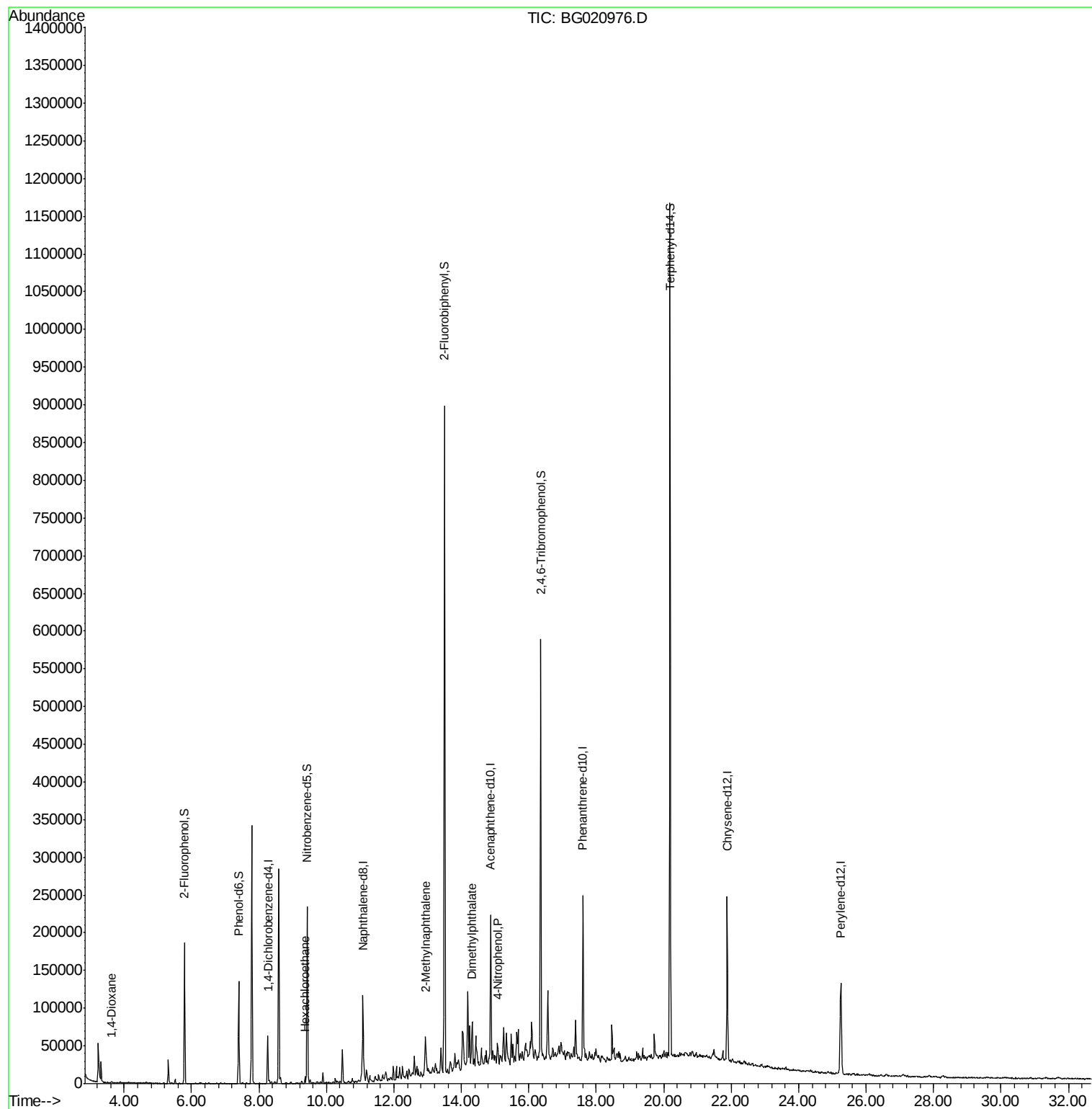
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	20021	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	107476	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	65602	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	127635	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	121004	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						
2) 1,4-Dioxane	3.62	88	1047	2.42	ng	# 80
18) Hexachloroethane	9.38	117	1347	2.46	ng	# 1
37) 2-Methylnaphthalene	12.94	142	23951	6.14	ng	97
49) Dimethylphthalate	14.31	163	30577	5.96	ng	99
55) 4-Nitrophenol	15.06	139	2117	2.19	ng	# 49

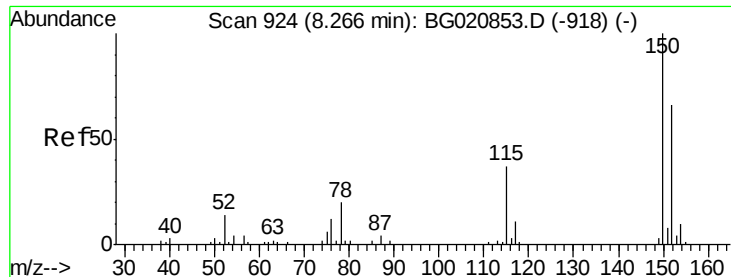
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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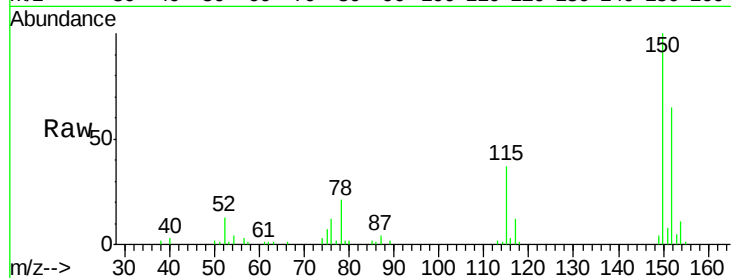


#1

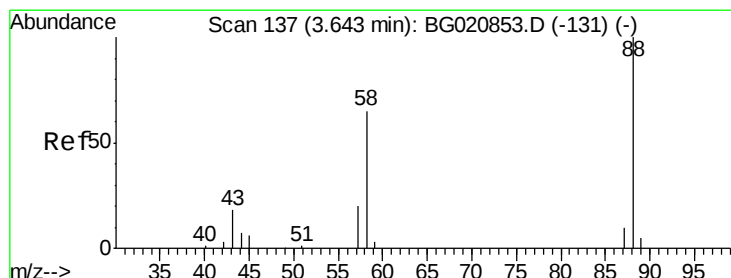
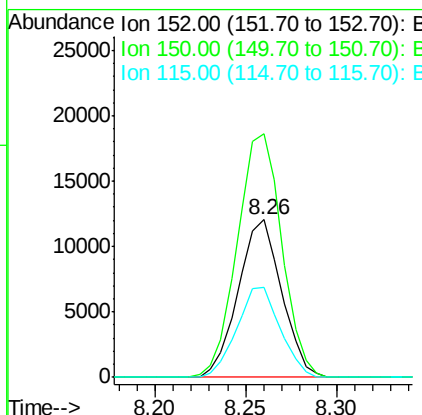
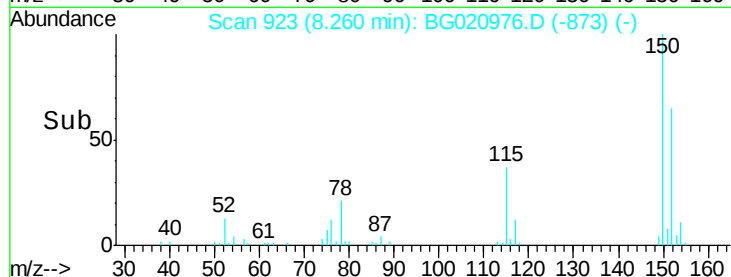
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG020976.D
Acq: 19 Feb 2016 17:37

Instrument :
BNA_G
ClientSampled :
EGR-A-4

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



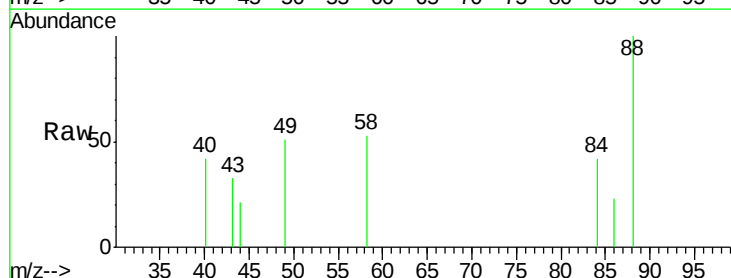
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



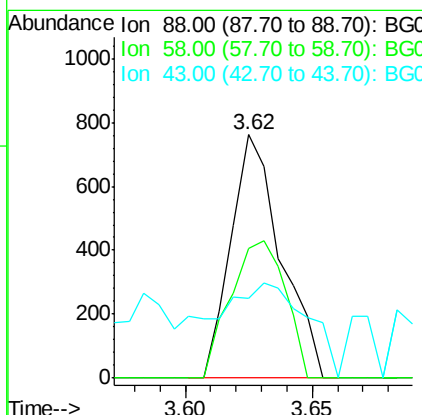
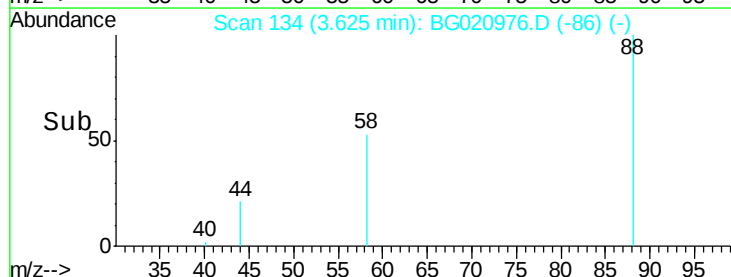
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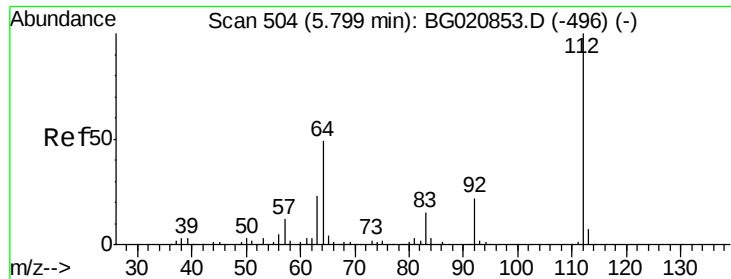
1,4-Dioxane
Concen: 2.42 ng
RT: 3.62 min Scan# 134
Delta R.T. -0.02 min
Lab File: BG020976.D
Acq: 19 Feb 2016 17:37

Tgt Ion: 88 Resp: 1047
Ion Ratio Lower Upper
88 100
58 61.7 50.3 75.5
43 56.1 14.5 21.7#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#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

Instrument :

BNA_G

ClientSampleId :

EGR-A-4

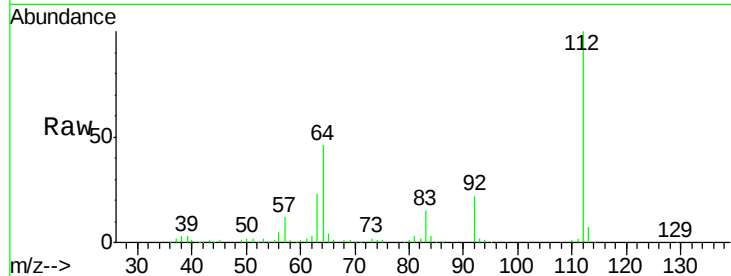
Tgt Ion: 112 Resp: 105847

Ion Ratio Lower Upper

112 100

64 46.1 39.3 58.9

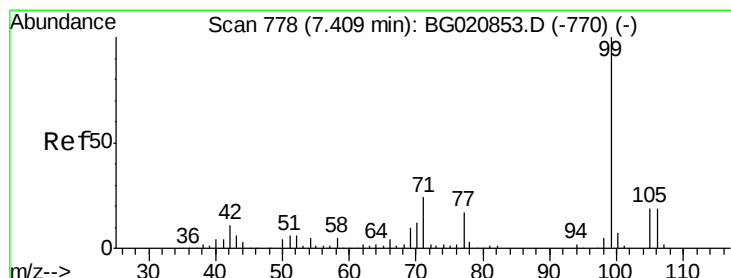
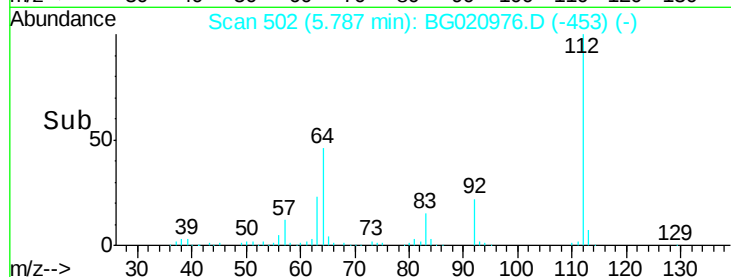
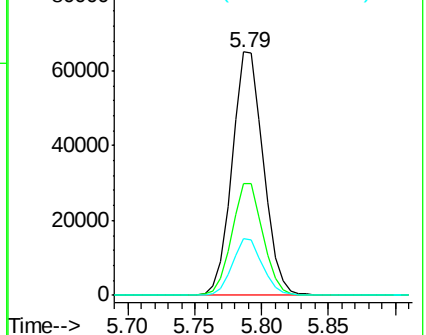
63 23.1 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#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

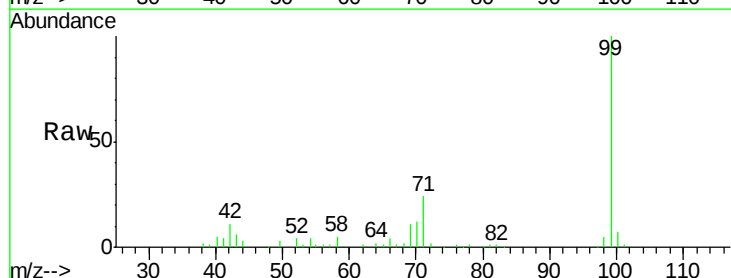
Tgt Ion: 99 Resp: 104566

Ion Ratio Lower Upper

99 100

42 10.8 8.4 12.6

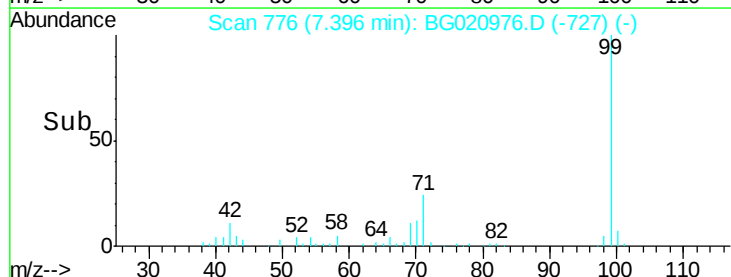
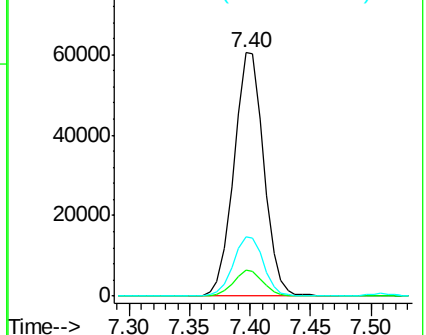
71 24.3 19.4 29.0

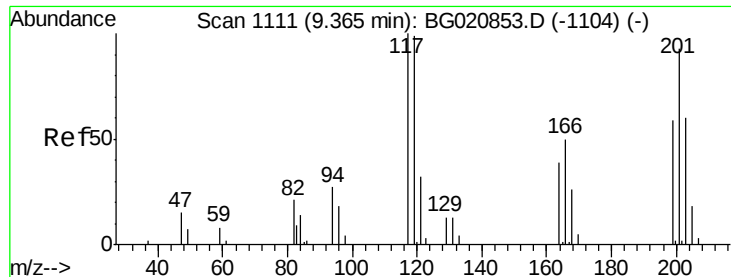


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#18

Hexachloroethane

Concen: 2.46 ng

RT: 9.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BG020976.D

Acq: 19 Feb 2016 17:37

Instrument :

BNA_G

ClientSampleId :

EGR-A-4

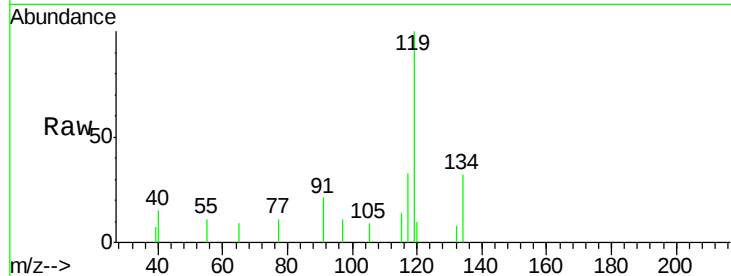
Tgt Ion:117 Resp: 1347

Ion Ratio Lower Upper

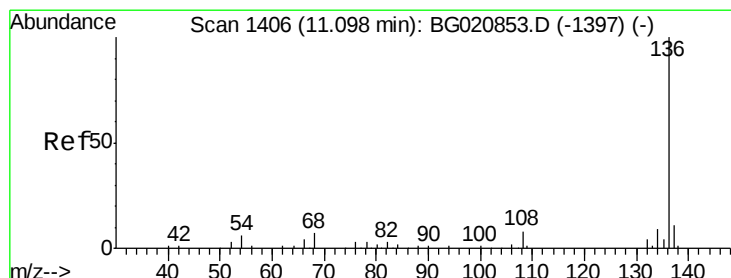
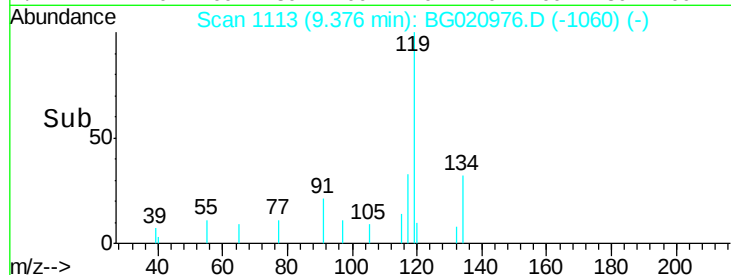
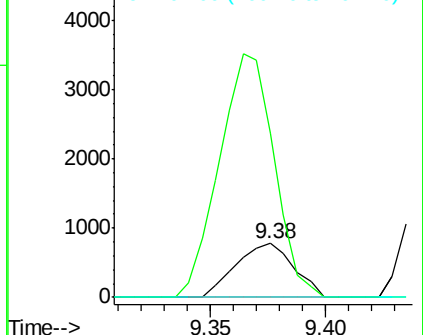
117 100

119 306.1 79.6 119.4#

201 0.0 74.5 111.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



#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

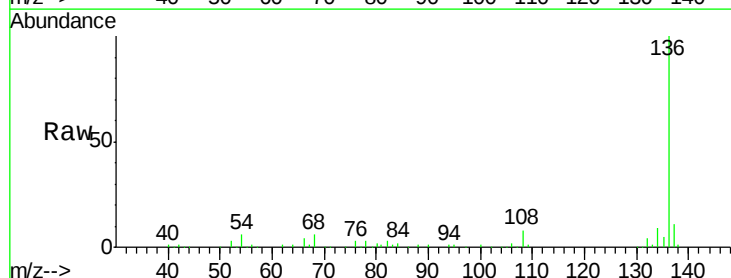
Ion Ratio Lower Upper

136 100

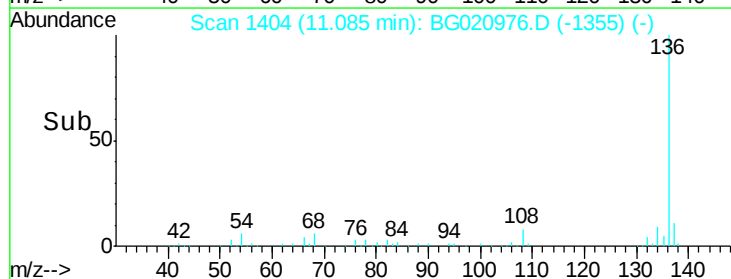
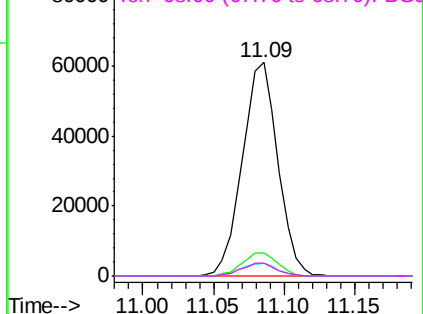
137 10.7 8.8 13.2

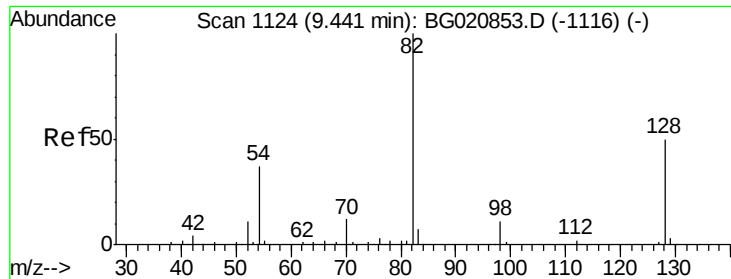
54 5.7 5.0 7.4

68 6.3 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): 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

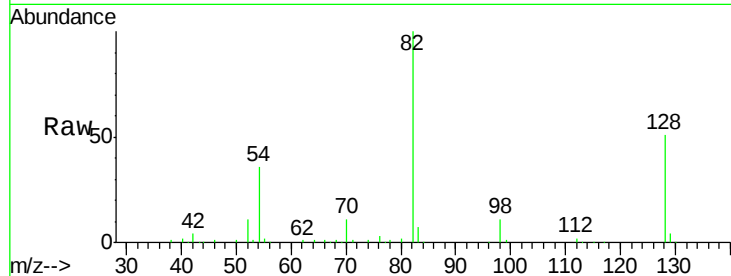




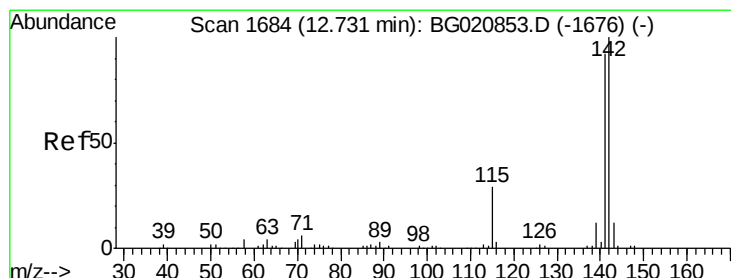
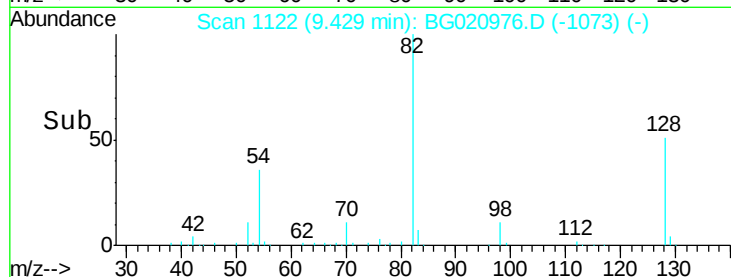
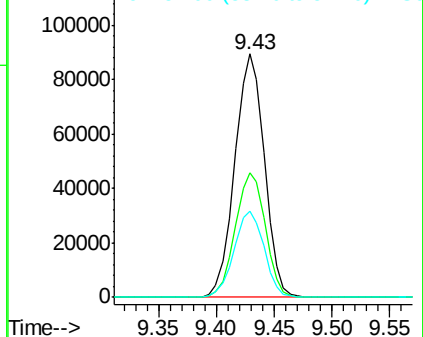
#23
 Nitrobenzene-d5
 Concen: 96.90 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020976.D
 Acq: 19 Feb 2016 17:37

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.3	40.1	60.1
54	35.5	29.5	44.3

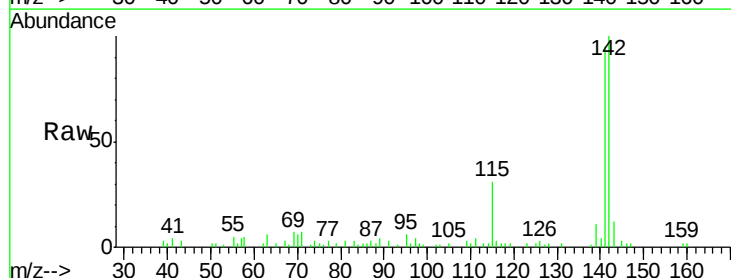


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

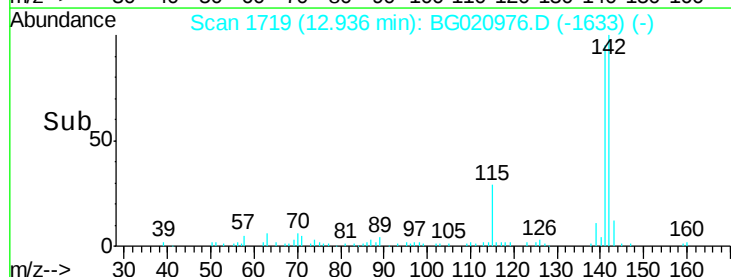
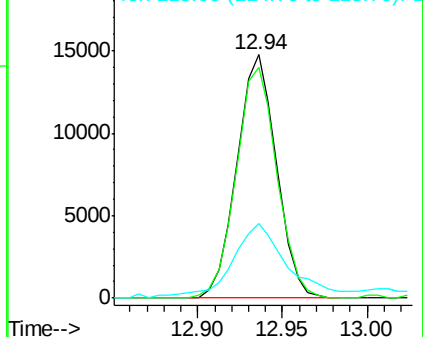


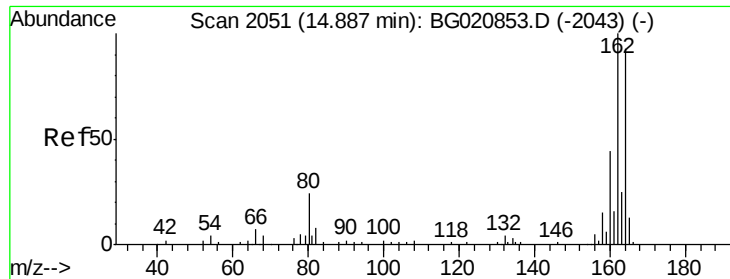
#37
 2-Methylnaphthalene
 Concen: 6.14 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. 0.20 min
 Lab File: BG020976.D
 Acq: 19 Feb 2016 17:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	73.4	110.2
115	30.7	23.0	34.6



Abundance Ion 142.00 (141.70 to 142.70): BGC
 Ion 141.00 (140.70 to 141.70): BGC
 Ion 115.00 (114.70 to 115.70): BGC

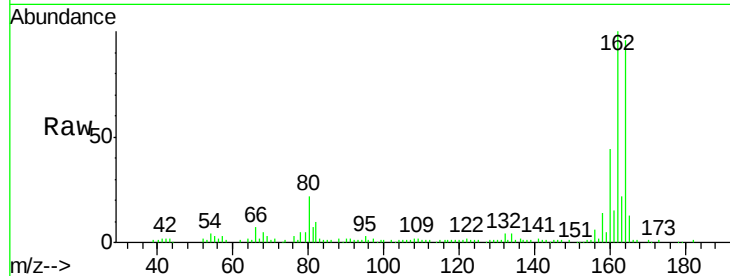




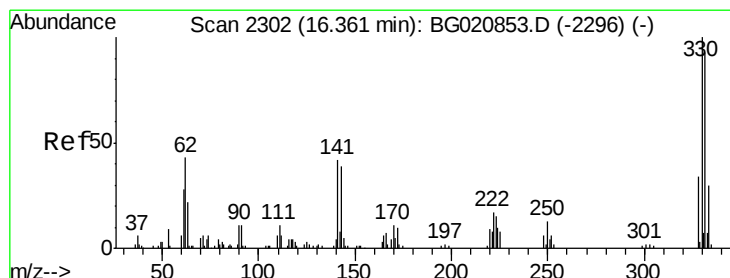
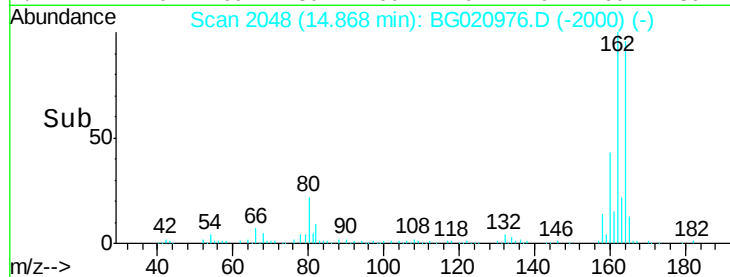
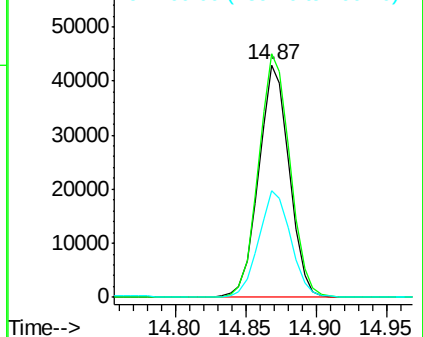
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020976.D
 Acq: 19 Feb 2016 17:37

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-4

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

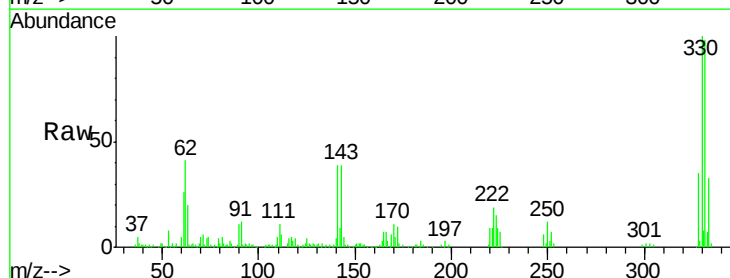


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

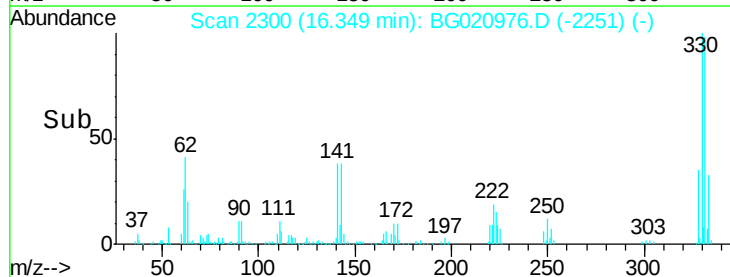
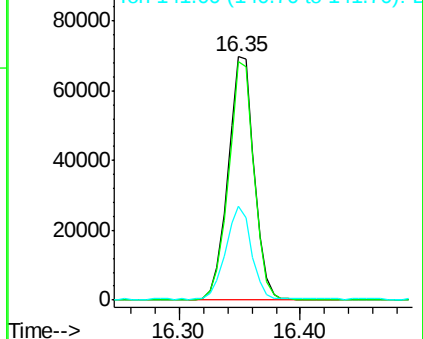


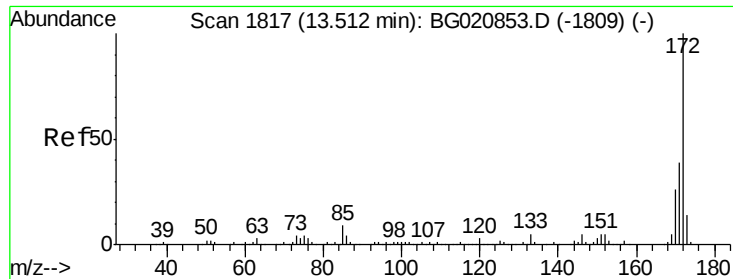
#41
 2,4,6-Tribromophenol
 Concen: 161.99 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020976.D
 Acq: 19 Feb 2016 17:37

Tgt Ion:330 Resp: 104505
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.1 114.1
 141 37.4 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

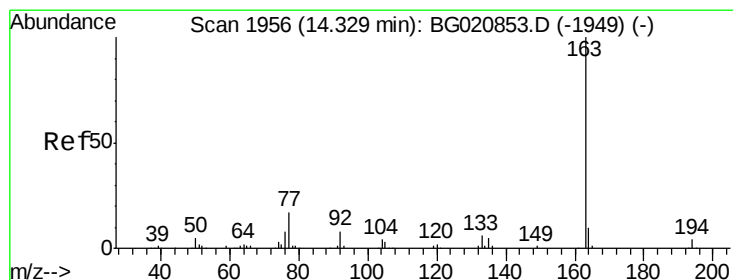
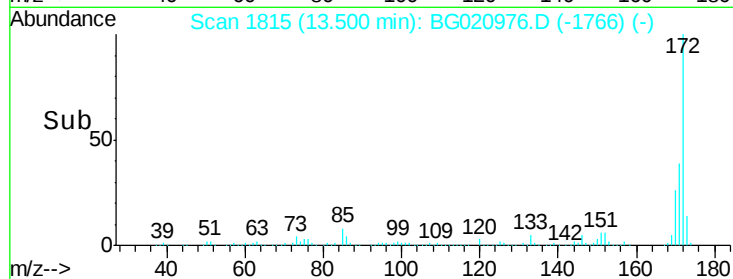
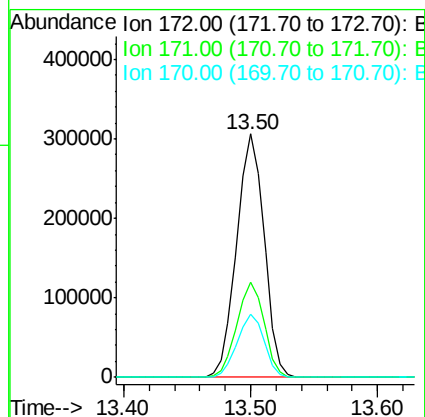
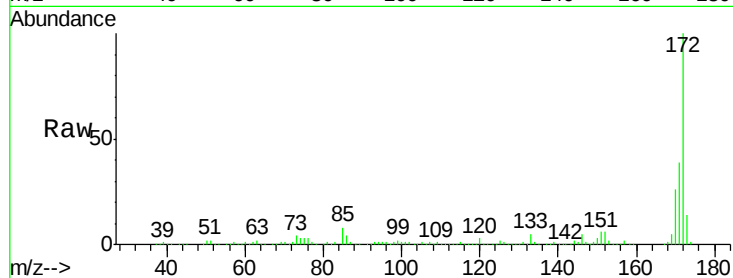




#44
2-Fluorobiphenyl
Concen: 98.25 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG020976.D
Acq: 19 Feb 2016 17:37

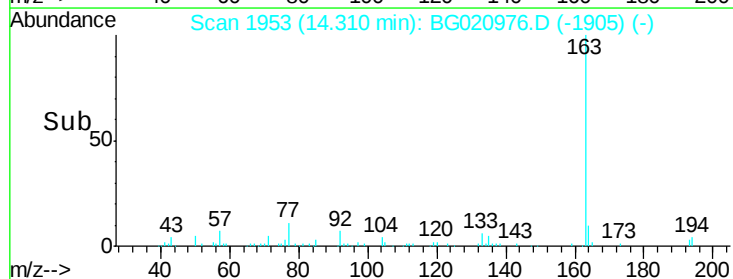
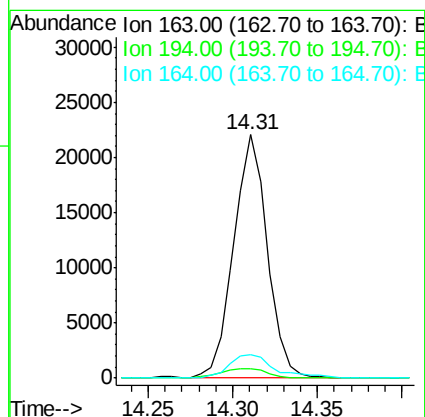
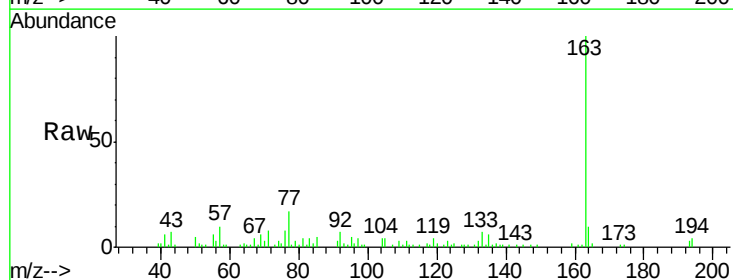
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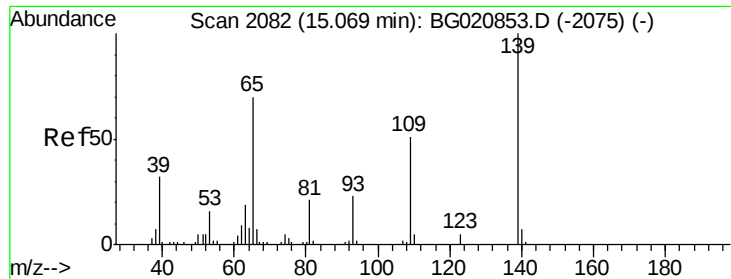
Tgt Ion:172 Resp: 458835
Ion Ratio Lower Upper
172 100
171 39.1 31.2 46.8
170 26.2 20.6 30.8



#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

Tgt Ion:163 Resp: 30577
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.8 8.3 12.5

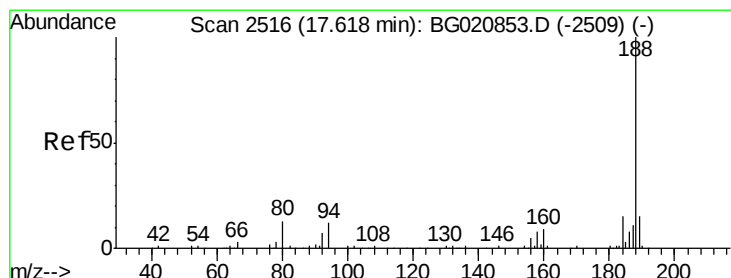
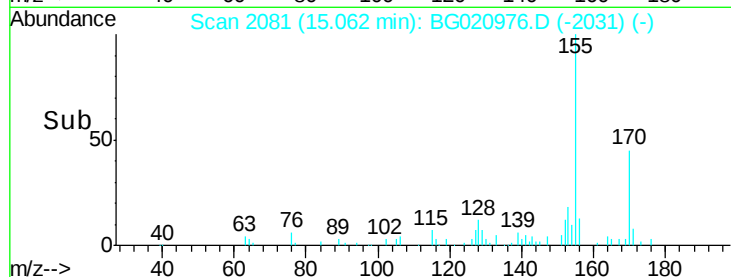
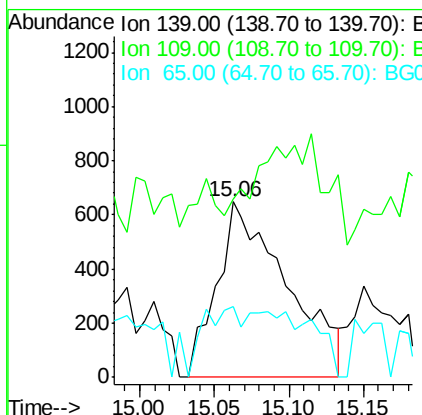
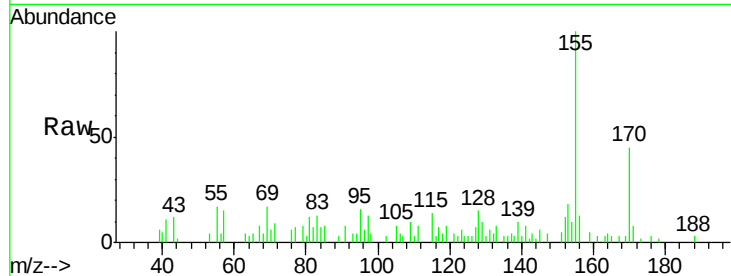




#55
4-Nitrophenol
Concen: 2.19 ng
RT: 15.06 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG020976.D
Acq: 19 Feb 2016 17:37

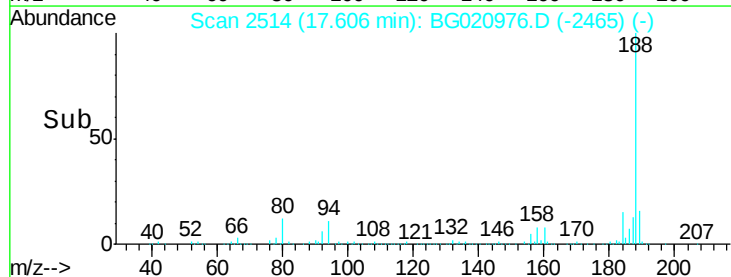
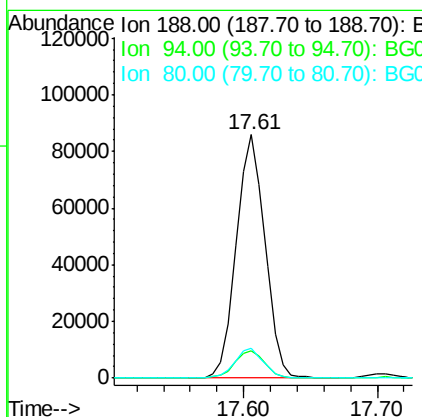
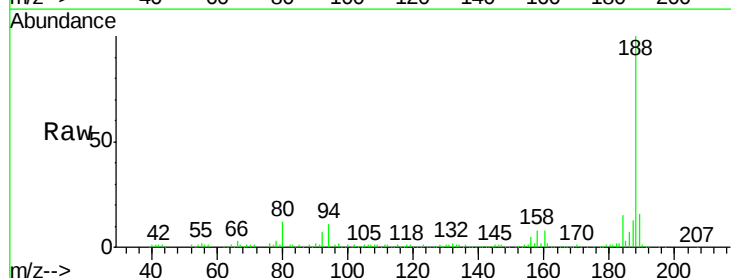
Instrument :
BNA_G
ClientSampleId :
EGR-A-4

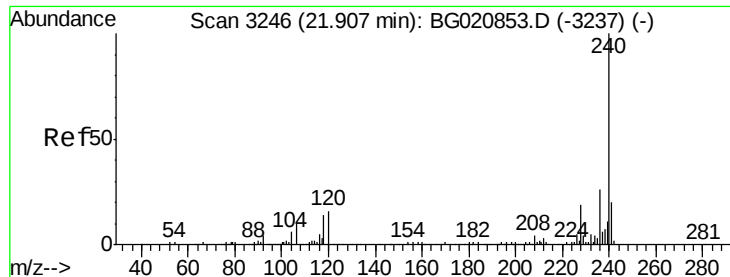
Tgt Ion:139 Resp: 2117
Ion Ratio Lower Upper
139 100
109 101.5 31.0 71.0#
65 40.4 49.6 89.6#



#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





#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

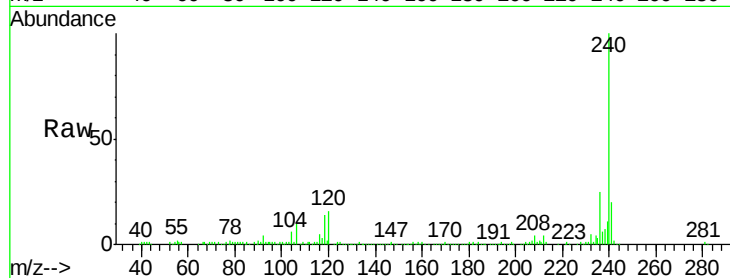
Tgt Ion:240 Resp: 121004

Ion Ratio Lower Upper

240 100

120 15.6 13.0 19.4

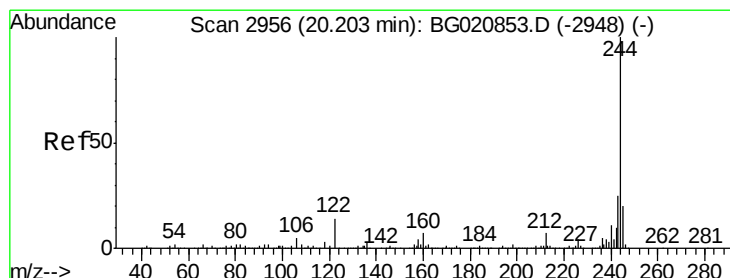
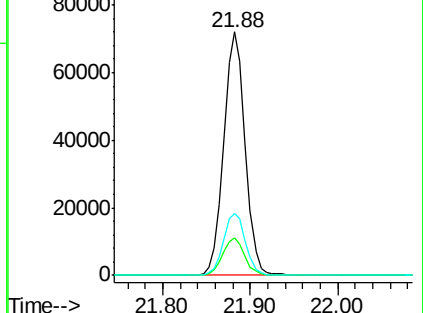
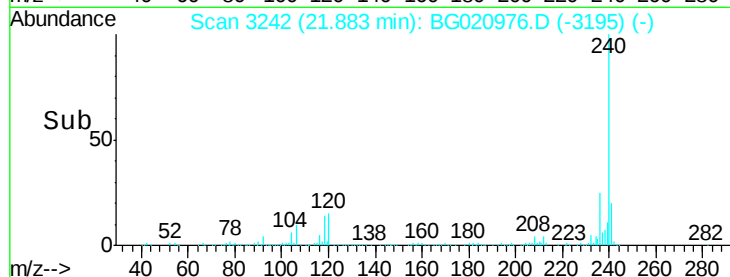
236 25.3 21.0 31.4



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

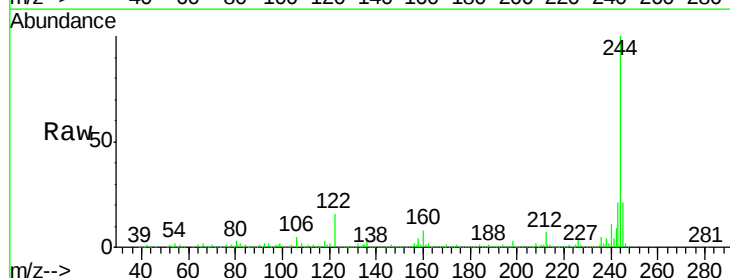
Tgt Ion:244 Resp: 470468

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

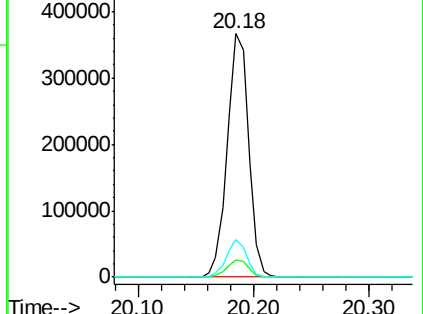
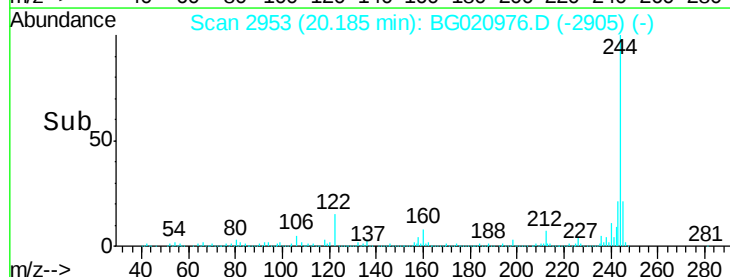
122 15.5 11.4 17.2

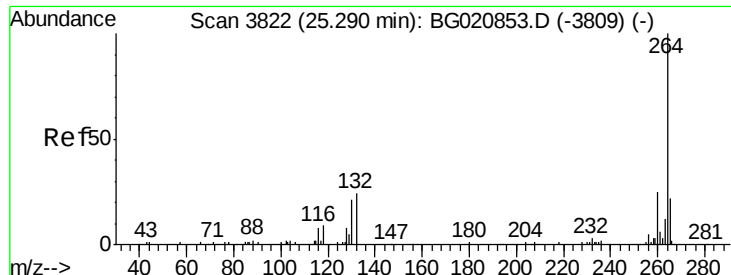


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

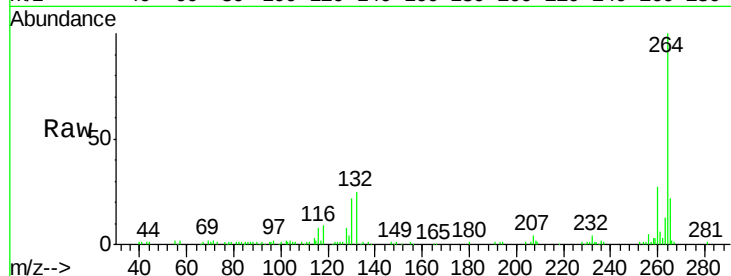




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. -0.04 min
Lab File: BG020976.D
Acq: 19 Feb 2016 17:37

Instrument :
BNA_G
ClientSampleId :
EGR-A-4

Tgt Ion: 264 Resp: 115943
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

