

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043740.D
 Acq On : 20 Nov 2019 23:02
 Operator : JU
 Sample : K5904-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-(12-14)

Quant Time: Nov 21 01:23:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

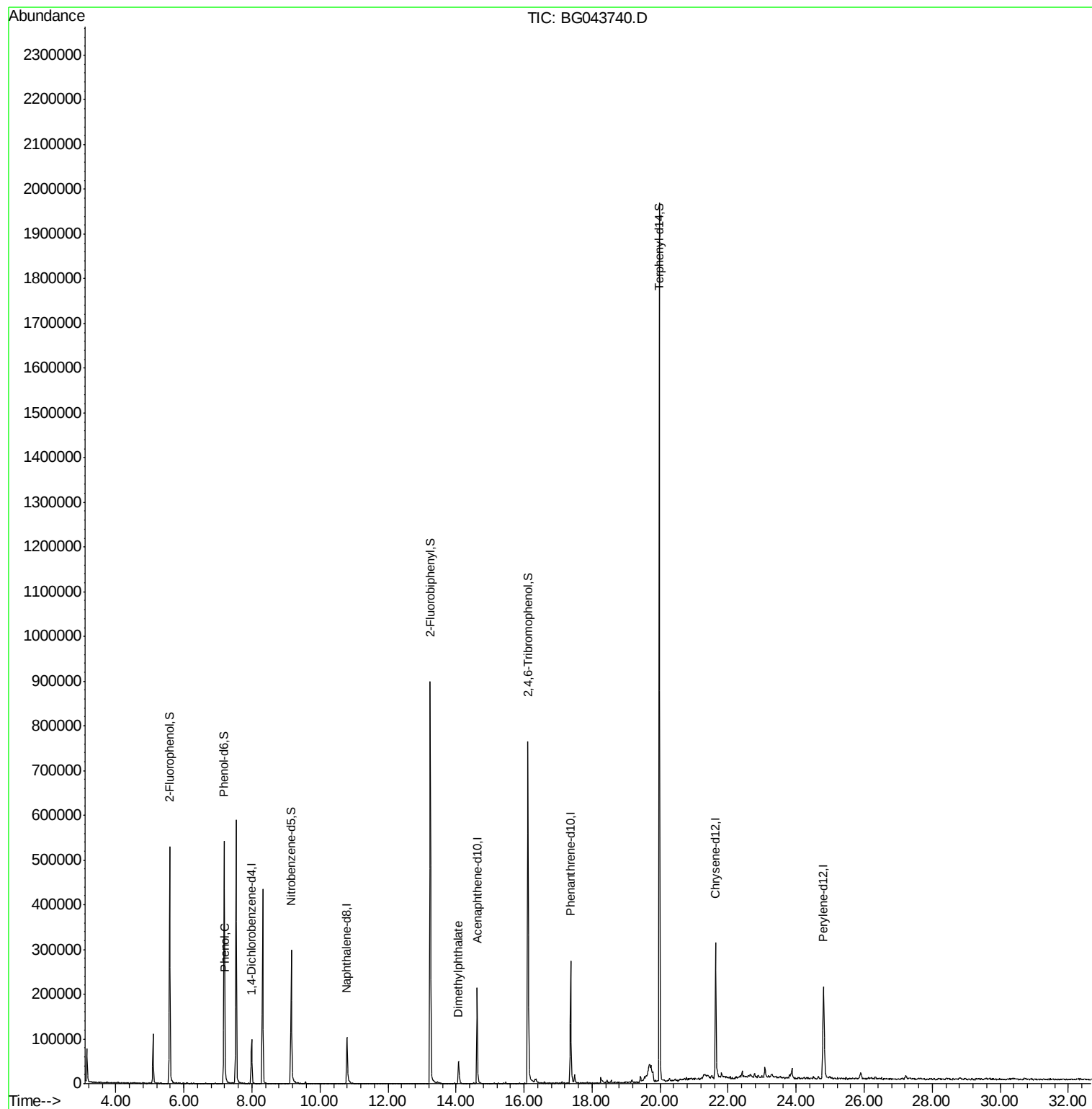
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	30668	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	108476	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	83798	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	208902	20.00	ng	0.00
76) Chrysene-d12	21.63	240	208691	20.00	ng	0.00
87) Perylene-d12	24.80	264	243203	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	241078	144.05	ng	0.00
7) Phenol-d6	7.18	99	342250	142.13	ng	0.00
23) Nitrobenzene-d5	9.15	82	206054	97.93	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	195083	122.33	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	529798	87.36	ng	0.00
79) Terphenyl-d14	19.97	244	1012261	91.00	ng	0.00
Target Compounds						
10) Phenol	7.21	94	13106	5.956	ng	85
50) Dimethylphthalate	14.08	163	47052	7.249	ng	98

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

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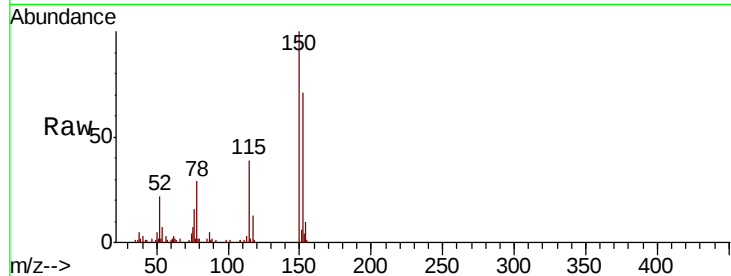


#1

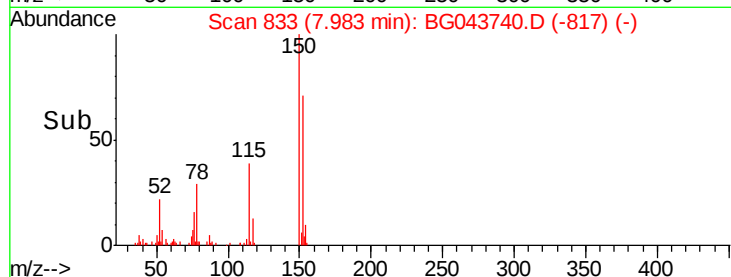
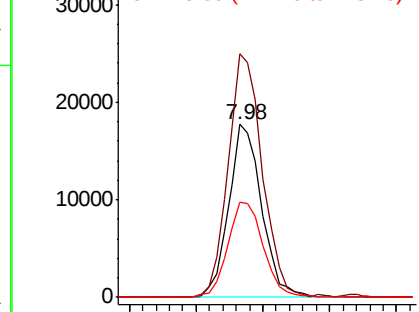
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG043740.D
Acq: 20 Nov 2019 23:02

Instrument :
BNA_G
ClientSampleId :
1-(12-14)

Tot Ion:152 Resp: 30668
Ion Ratio Lower Upper
152 100
150 141.0 116.6 175.0
115 55.0 40.5 60.7



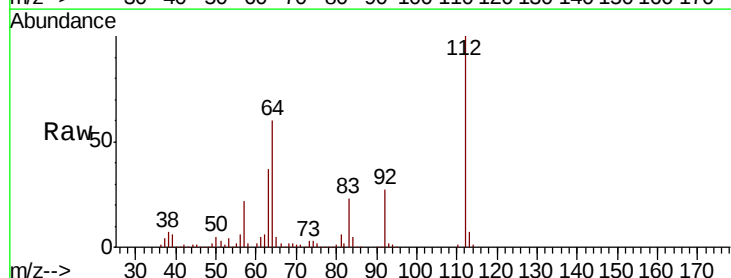
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



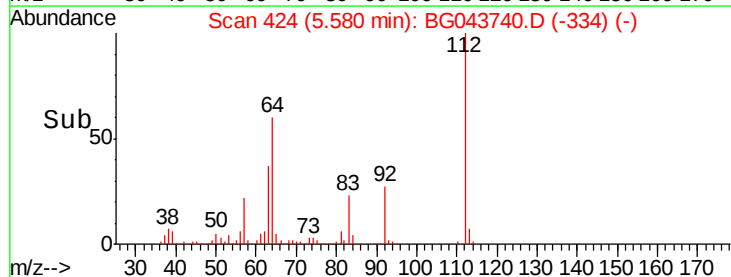
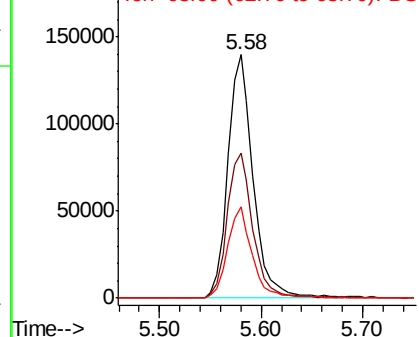
#5

2-Fluorophenol
Concen: 144.047 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043740.D
Acq: 20 Nov 2019 23:02

Tgt Ion:112 Resp: 241078
Ion Ratio Lower Upper
112 100
64 59.7 50.6 75.8
63 37.3 30.5 45.7



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: 142.135 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043740.D

Acq: 20 Nov 2019 23:02

Instrument :

BNA_G

ClientSampleId :

1-(12-14)

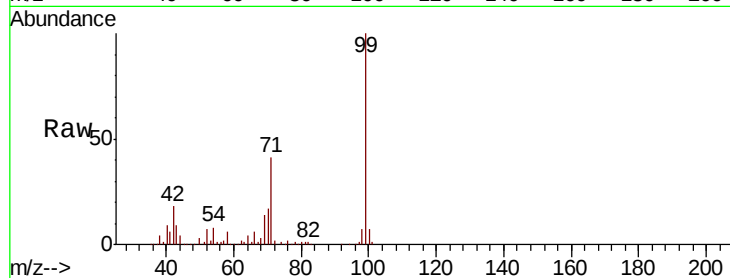
Tot Ion: 99 Resp: 342250

Ion Ratio Lower Upper

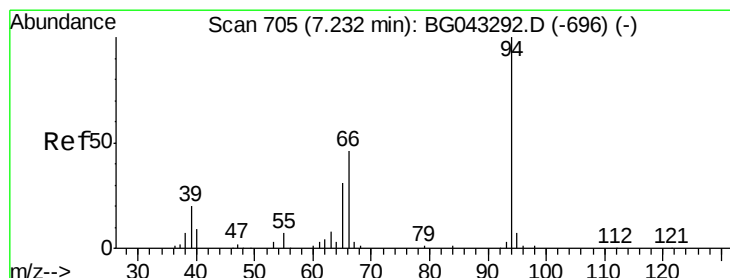
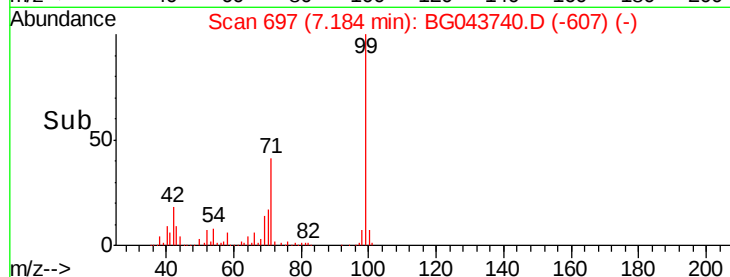
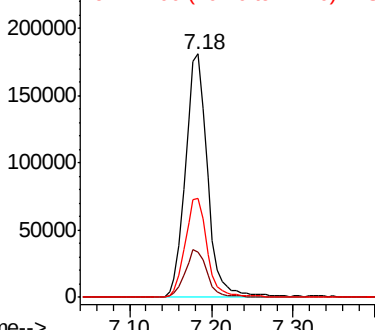
99 100

42 18.4 15.8 23.8

71 40.7 34.4 51.6



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



#10

Phenol

Concen: 5.956 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043740.D

Acq: 20 Nov 2019 23:02

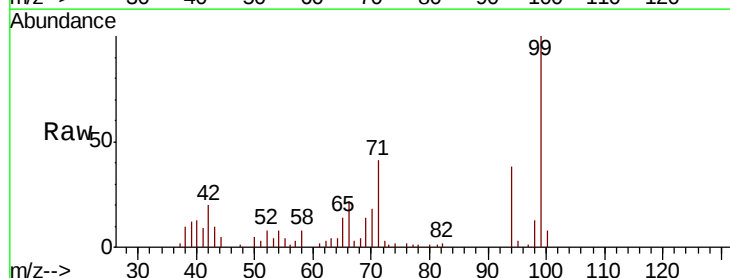
Tgt Ion: 94 Resp: 13106

Ion Ratio Lower Upper

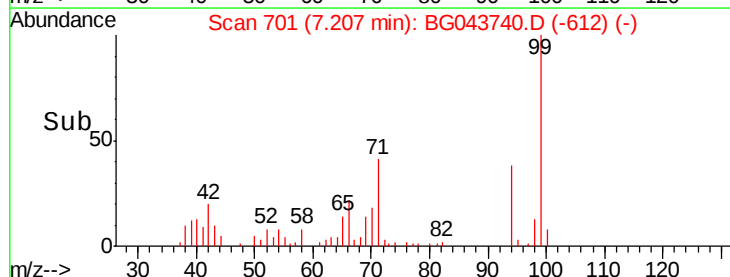
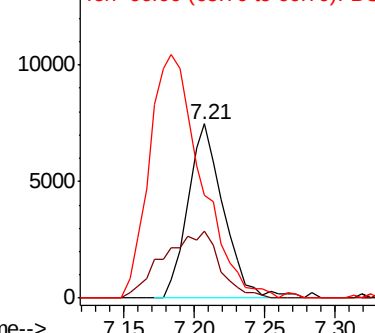
94 100

65 38.5 11.4 51.4

66 59.4 28.4 68.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BG043740.D

Acq: 20 Nov 2019 23:02

Instrument :

BNA_G

ClientSampleId :

1-(12-14)

Tot Ion:136 Resp: 108476

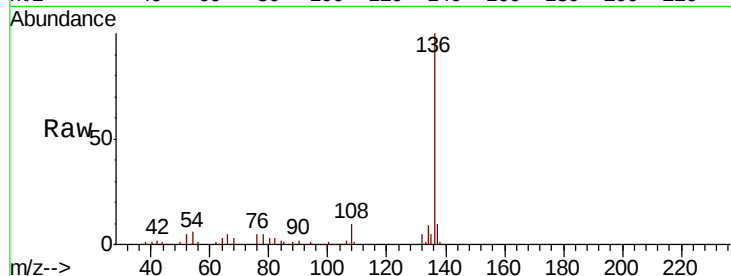
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.3 6.2 9.2

68 3.2 3.4 5.0#



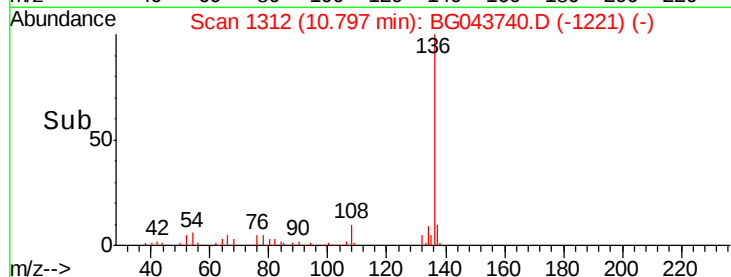
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

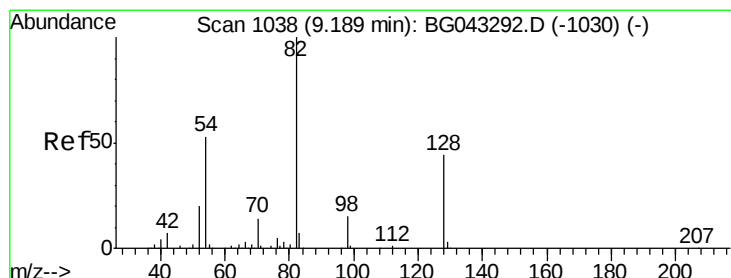
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 97.930 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG043740.D

Acq: 20 Nov 2019 23:02

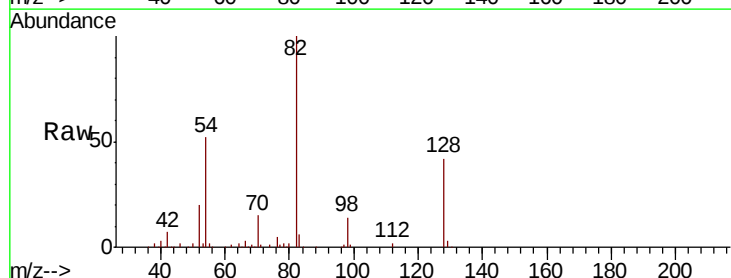
Tgt Ion: 82 Resp: 206054

Ion Ratio Lower Upper

82 100

128 42.4 34.2 51.4

54 52.1 44.7 67.1

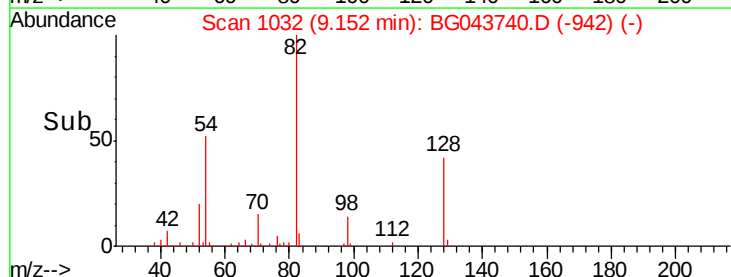


Abundance Ion 82.00 (81.70 to 82.70): BGC

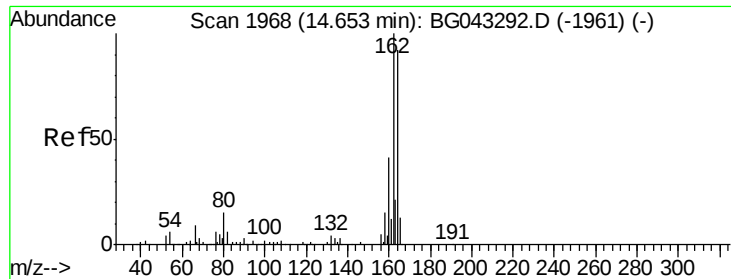
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

Time-->



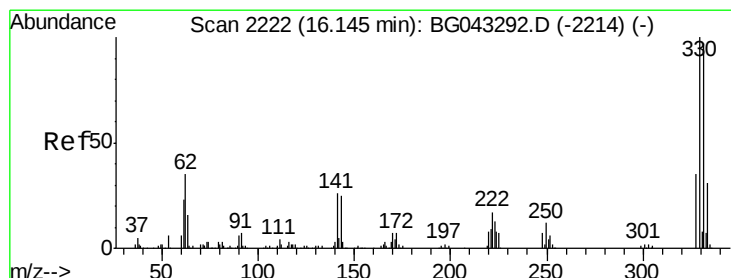
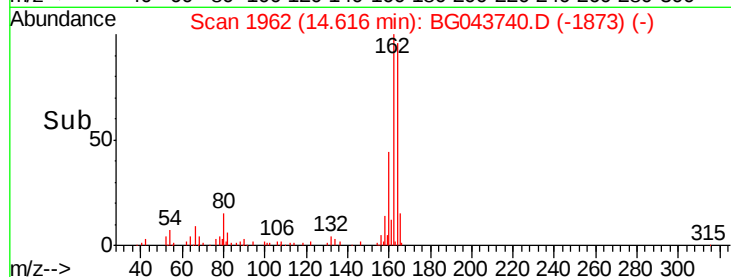
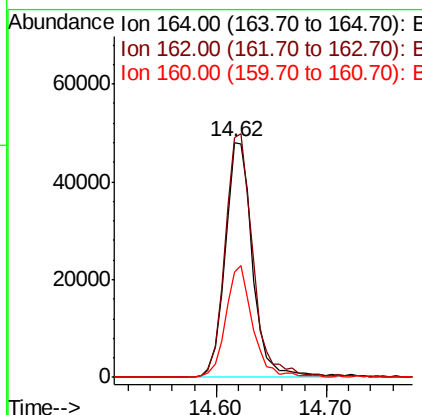
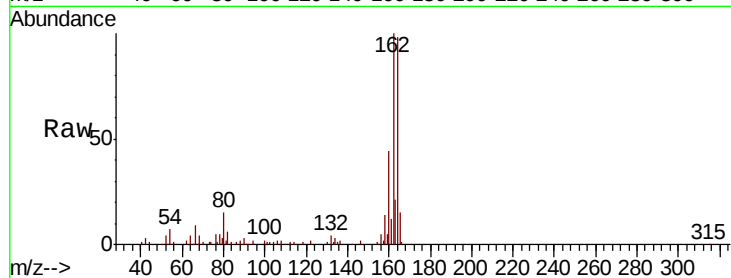
Time-->



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG043740.D
 Acq: 20 Nov 2019 23:02

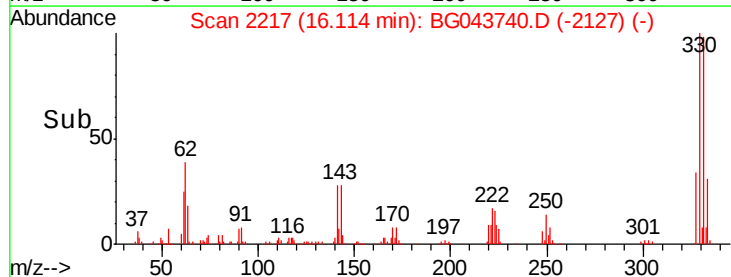
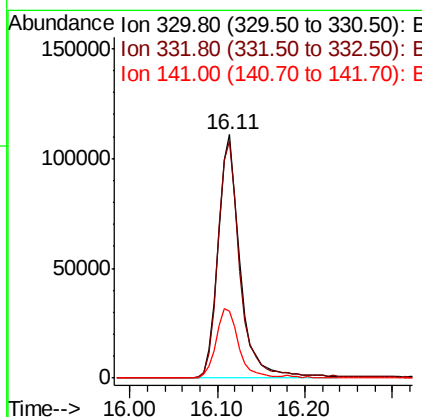
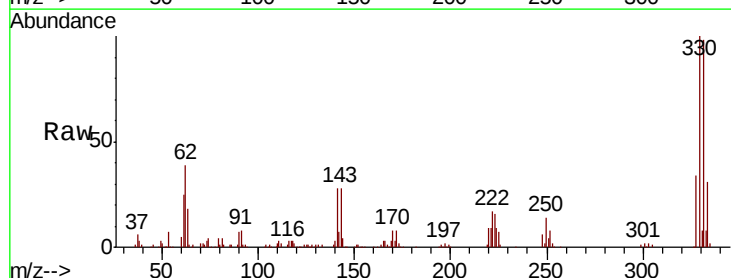
Instrument :
 BNA_G
 ClientSampleId :
 1-(12-14)

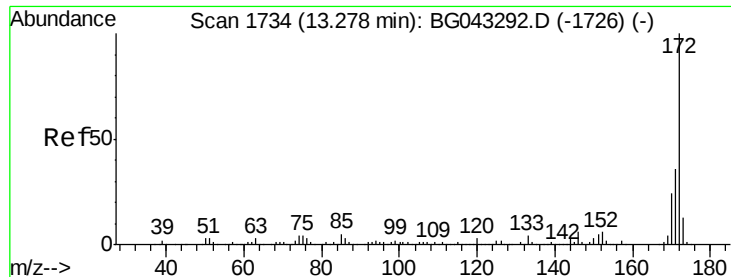
Tot Ion:164 Resp: 83798
 Ion Ratio Lower Upper
 164 100
 162 101.9 79.4 119.2
 160 44.9 36.3 54.5



#42
 2,4,6-Tribromophenol
 Concen: 122.334 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG043740.D
 Acq: 20 Nov 2019 23:02

Tgt Ion:330 Resp: 195083
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 29.1 23.4 35.2

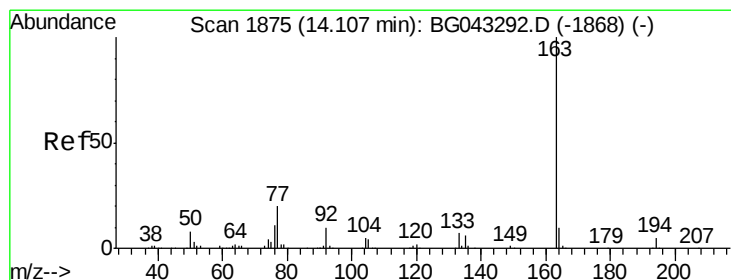
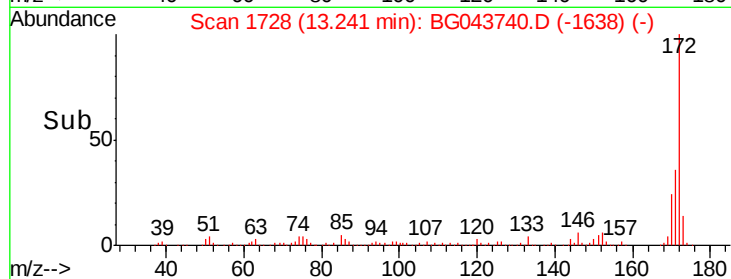
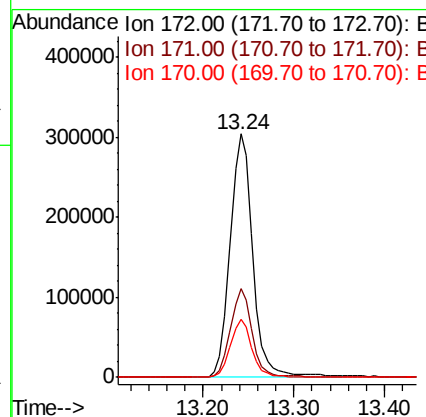
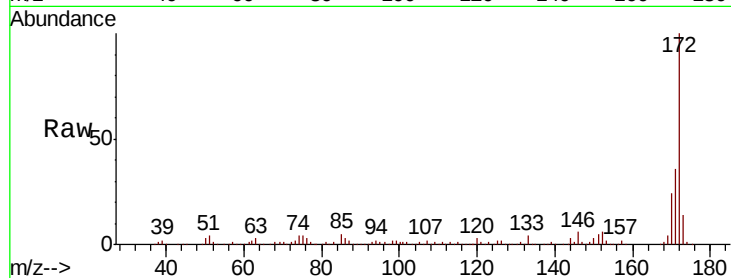




#45
 2-Fluorobiphenyl
 Concen: 87.362 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043740.D
 Acq: 20 Nov 2019 23:02

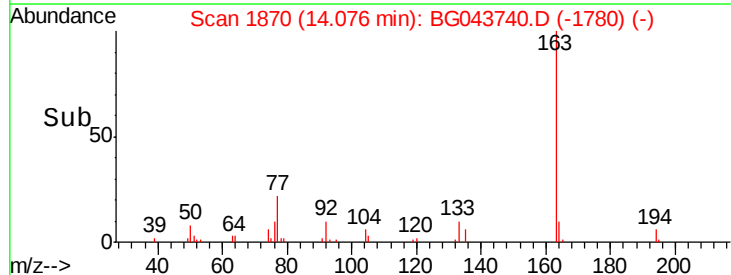
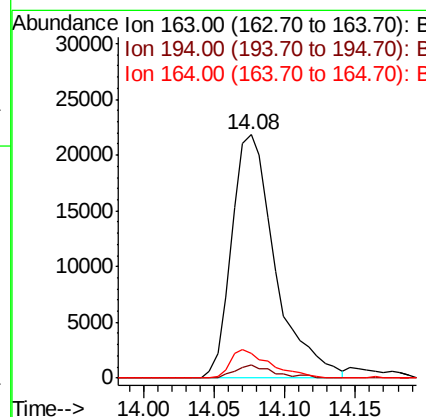
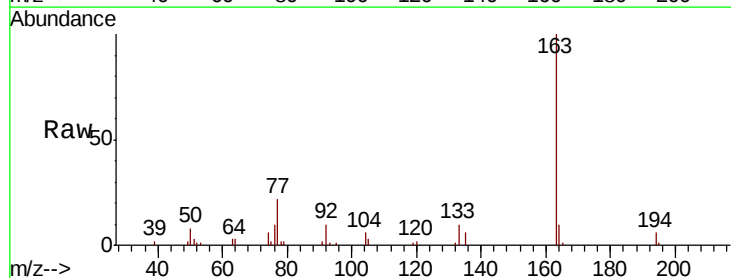
Instrument :
 BNA_G
 ClientSampleId :
 1-(12-14)

Tot Ion:172 Resp: 529798
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.1 42.1
 170 24.0 18.8 28.2



#50
 Dimethylphthalate
 Concen: 7.249 ng
 RT: 14.08 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BG043740.D
 Acq: 20 Nov 2019 23:02

Tgt Ion:163 Resp: 47052
 Ion Ratio Lower Upper
 163 100
 194 5.6 3.8 5.8
 164 10.0 8.5 12.7

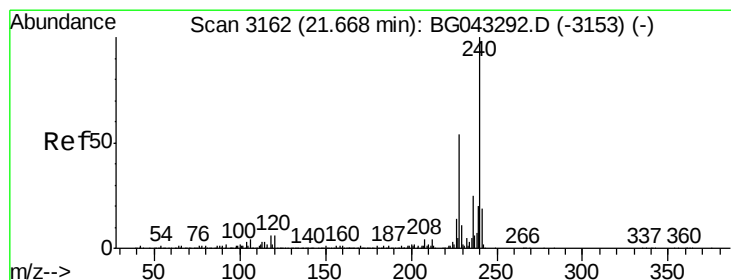
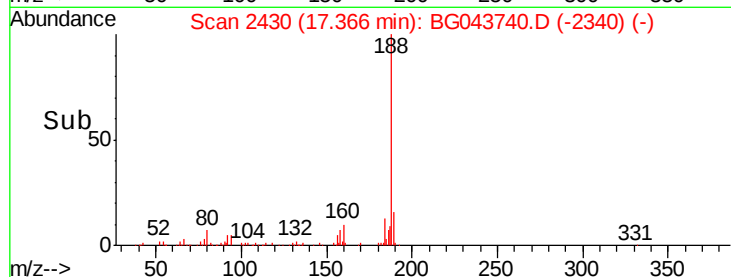
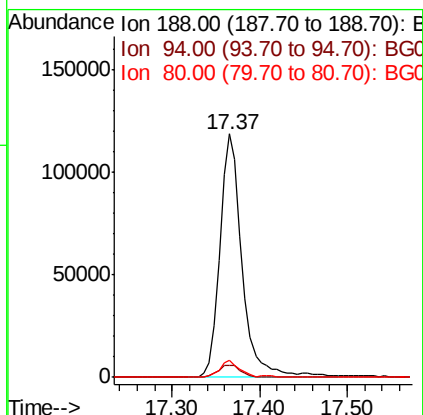
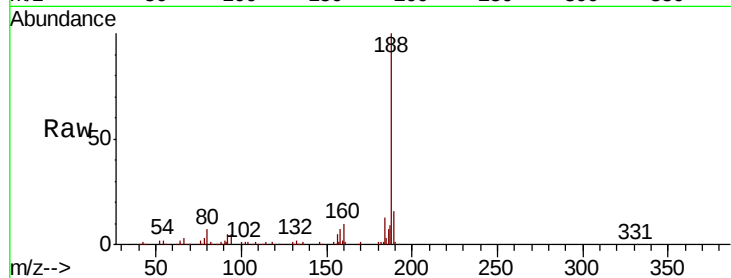




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043740.D
Acq: 20 Nov 2019 23:02

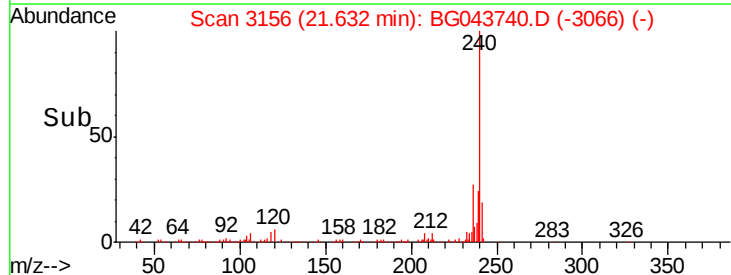
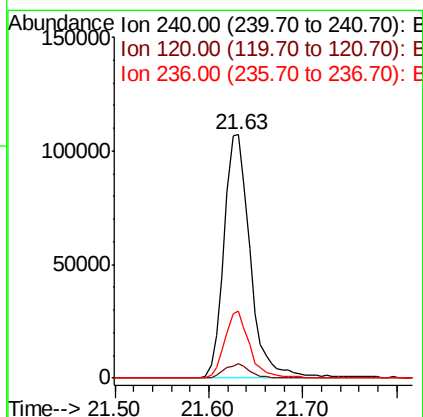
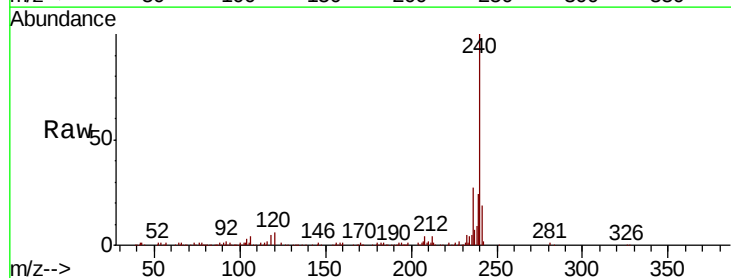
Instrument :
BNA_G
ClientSampleId :
1-(12-14)

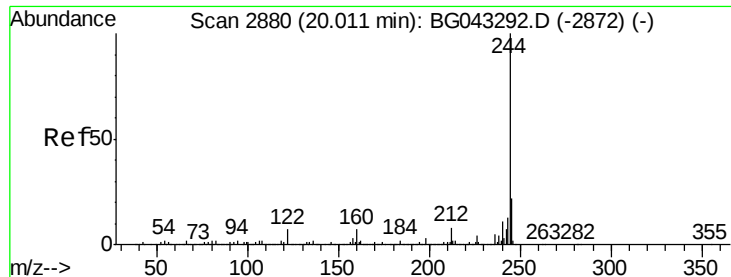
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.6	7.0
80	7.0	5.2	7.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043740.D
Acq: 20 Nov 2019 23:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.9	7.3
236	27.3	21.4	32.0





#79

Terphenyl-d14

Concen: 90.999 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG043740.D

Acq: 20 Nov 2019 23:02

Instrument :

BNA_G

ClientSampleId :

1-(12-14)

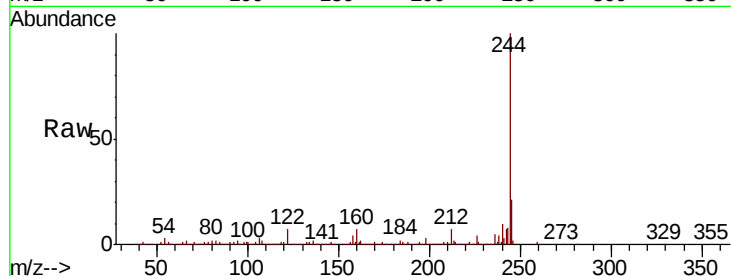
Tot Ion:244 Resp: 1012261

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

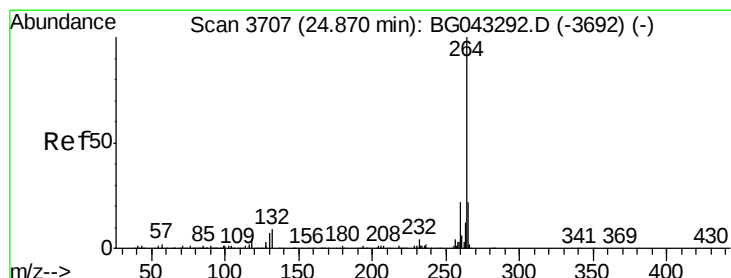
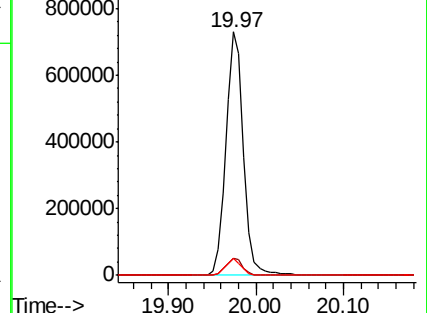
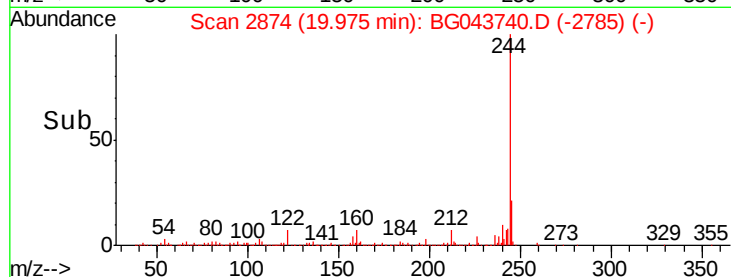
122 6.9 5.2 7.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.01 min

Lab File: BG043740.D

Acq: 20 Nov 2019 23:02

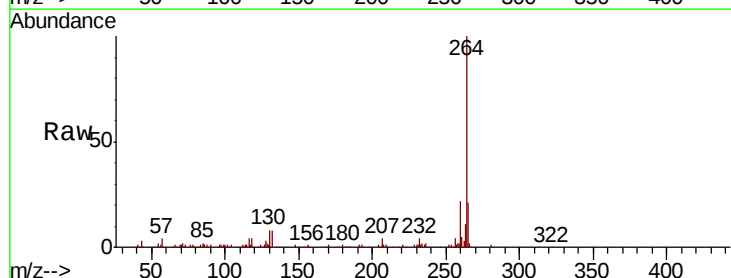
Tgt Ion:264 Resp: 243203

Ion Ratio Lower Upper

264 100

260 22.0 18.4 27.6

265 20.6 15.8 23.8



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

