

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043703.D
 Acq On : 19 Nov 2019 18:16
 Operator : JU
 Sample : K5865-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-(16-19)

Quant Time: Nov 20 02:59:24 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

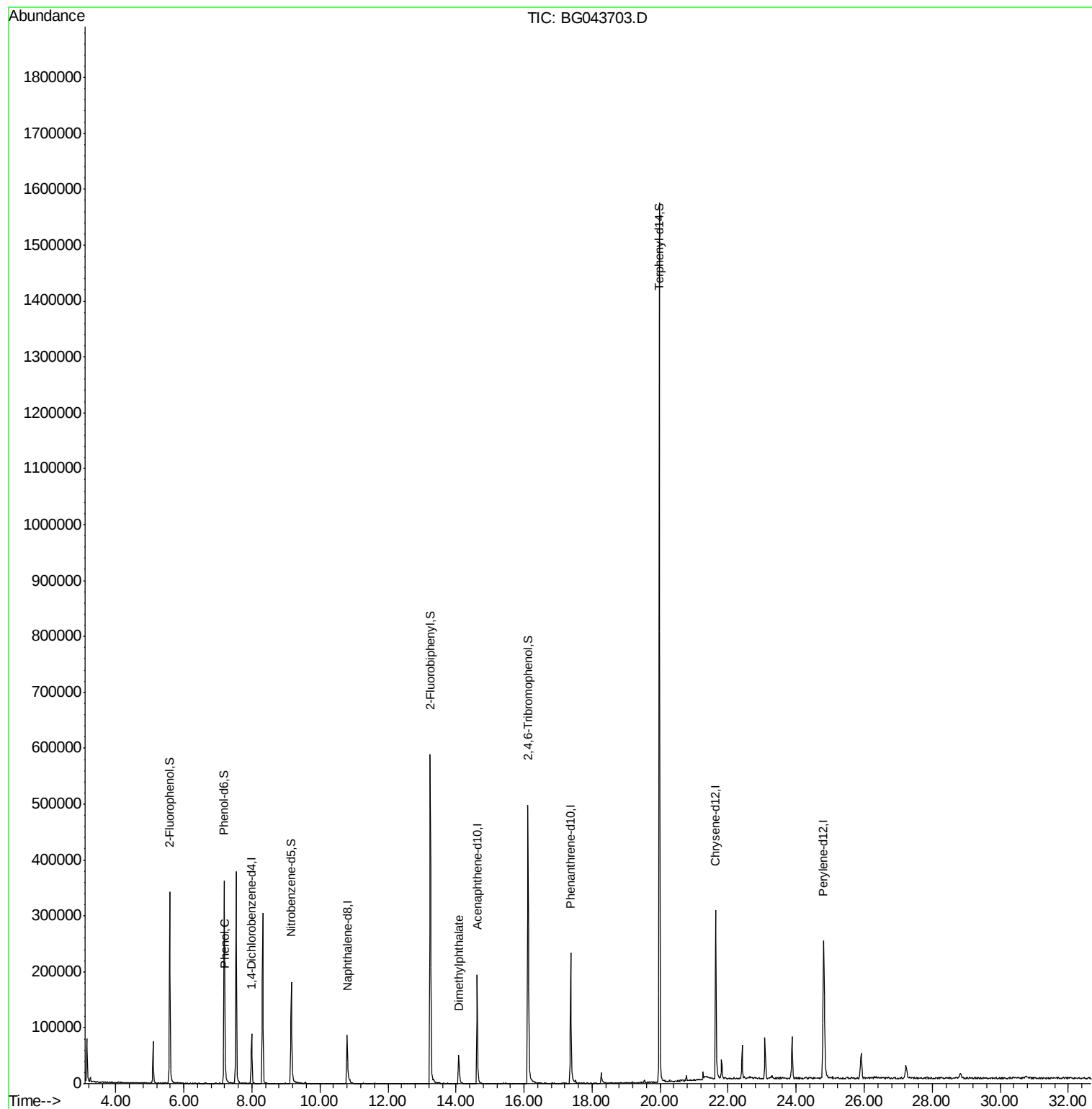
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26574	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	104244	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	78651	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	199325	20.00	ng	0.00
76) Chrysene-d12	21.63	240	229789	20.00	ng	0.00
87) Perylene-d12	24.81	264	260200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	160369	110.58	ng	0.00
7) Phenol-d6	7.18	99	225049	107.86	ng	0.00
23) Nitrobenzene-d5	9.15	82	132110	65.34	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	134938	90.16	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	370070	65.02	ng	0.00
79) Terphenyl-d14	19.98	244	859023	70.13	ng	0.00
Target Compounds						
10) Phenol	7.21	94	10322	5.414	ng	86
50) Dimethylphthalate	14.08	163	52405	8.602	ng	99

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

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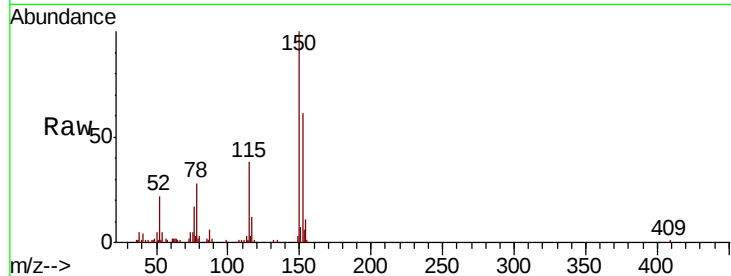


#1

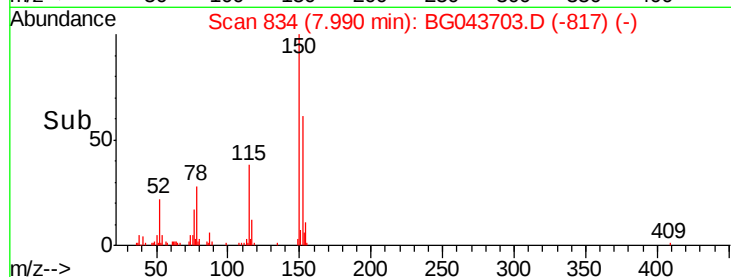
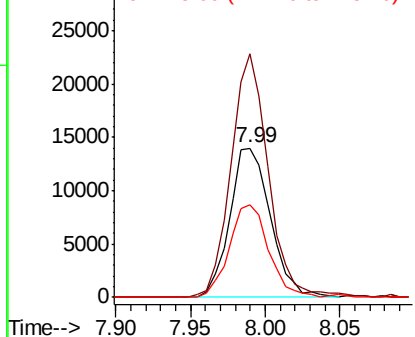
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043703.D
Acq: 19 Nov 2019 18:16

Instrument :
BNA_G
ClientSampleId :
2-(16-19)

Tot Ion:152 Resp: 26574
Ion Ratio Lower Upper
152 100
150 163.3 116.6 175.0
115 62.1 40.5 60.7#



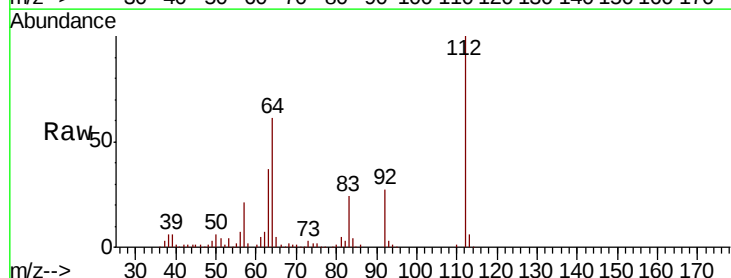
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



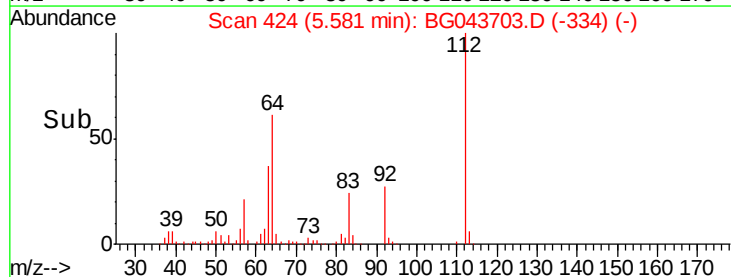
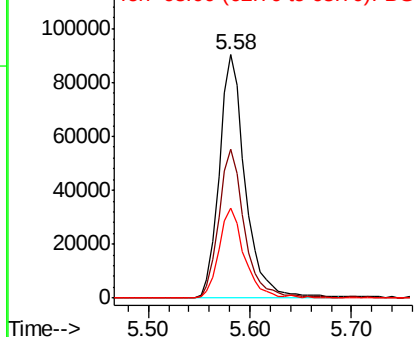
#5

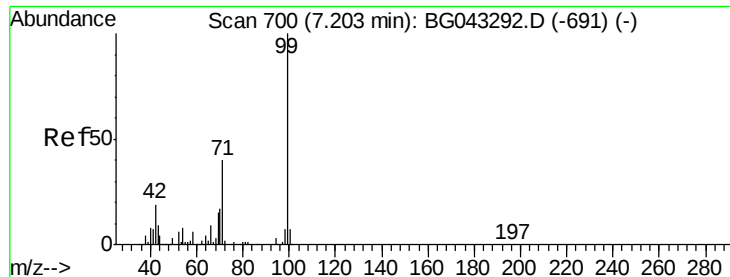
2-Fluorophenol
Concen: 110.585 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043703.D
Acq: 19 Nov 2019 18:16

Tgt Ion:112 Resp: 160369
Ion Ratio Lower Upper
112 100
64 61.3 50.6 75.8
63 37.2 30.5 45.7



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: 107.860 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043703.D

Acq: 19 Nov 2019 18:16

Instrument :

BNA_G

ClientSampled :

2-(16-19)

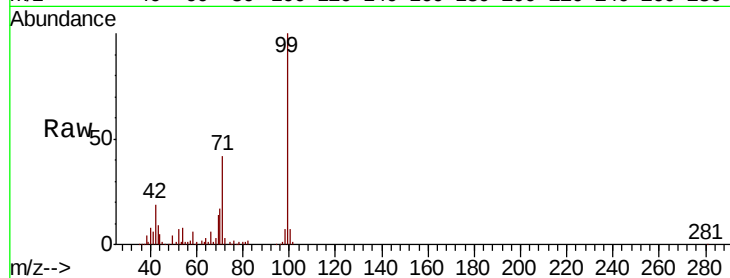
Tot Ion: 99 Resp: 225049

Ion Ratio Lower Upper

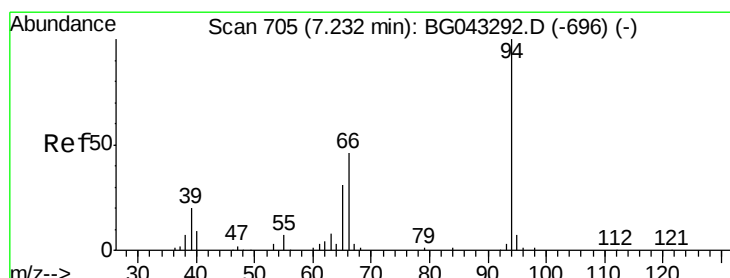
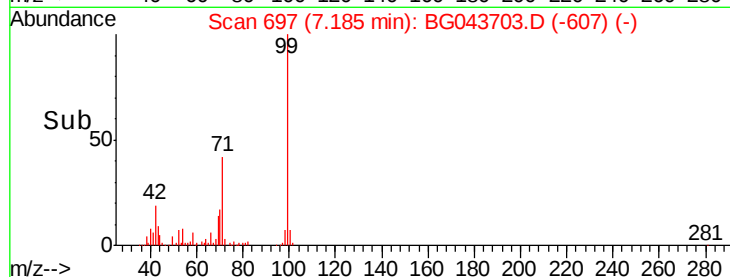
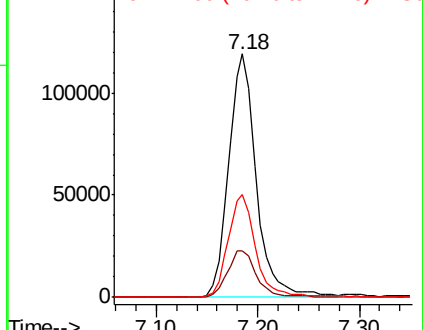
99 100

42 19.3 15.8 23.8

71 42.3 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: 5.414 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043703.D

Acq: 19 Nov 2019 18:16

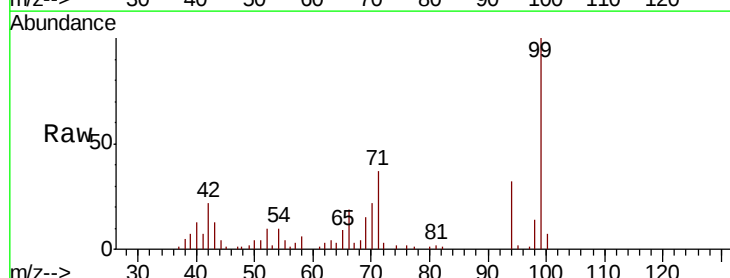
Tgt Ion: 94 Resp: 10322

Ion Ratio Lower Upper

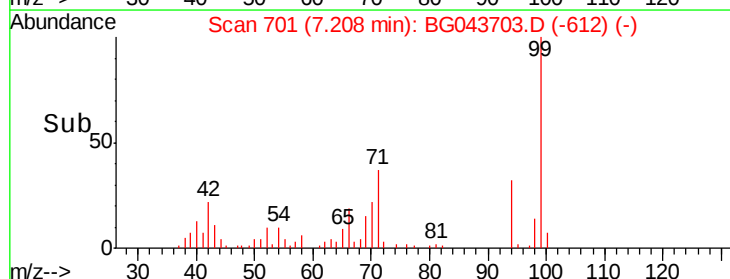
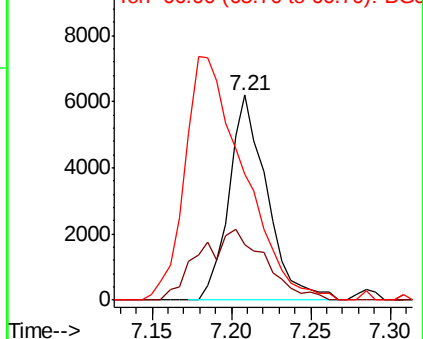
94 100

65 27.2 11.4 51.4

66 61.2 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. 0.01 min

Lab File: BG043703.D

Acq: 19 Nov 2019 18:16

Instrument :

BNA_G

ClientSampleId :

2-(16-19)

Tot Ion:136 Resp: 104244

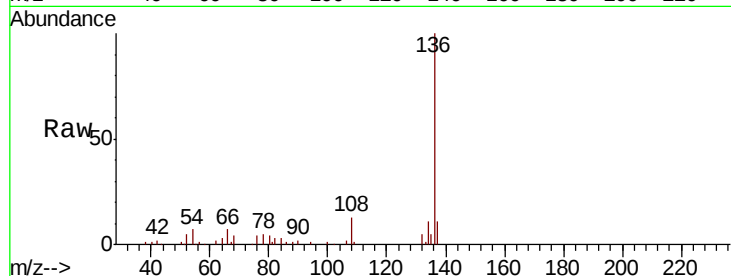
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.5 6.2 9.2

68 3.7 3.4 5.0

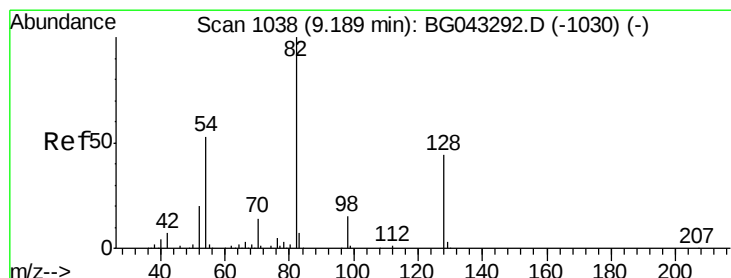
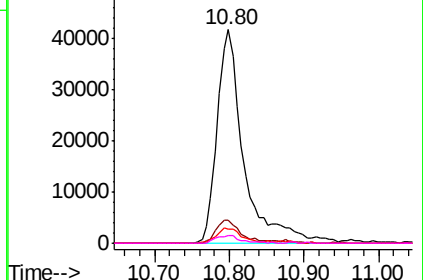
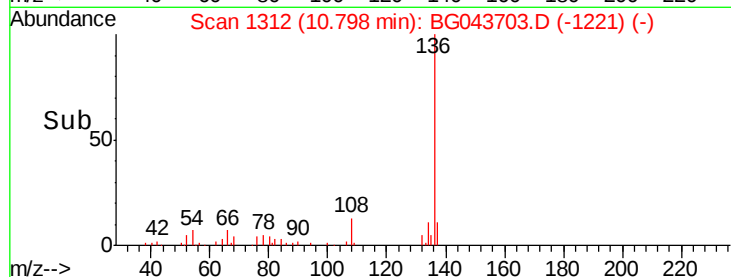


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 65.336 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG043703.D

Acq: 19 Nov 2019 18:16

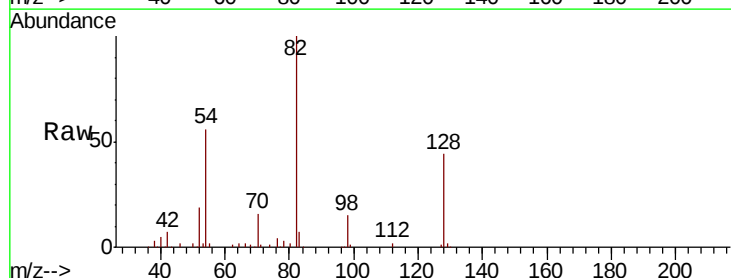
Tgt Ion: 82 Resp: 132110

Ion Ratio Lower Upper

82 100

128 43.7 34.2 51.4

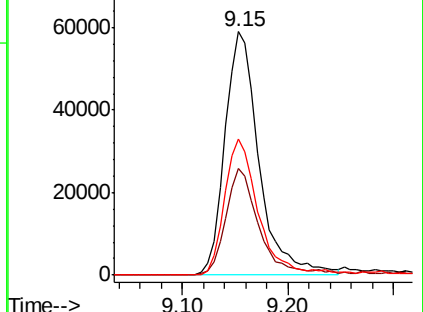
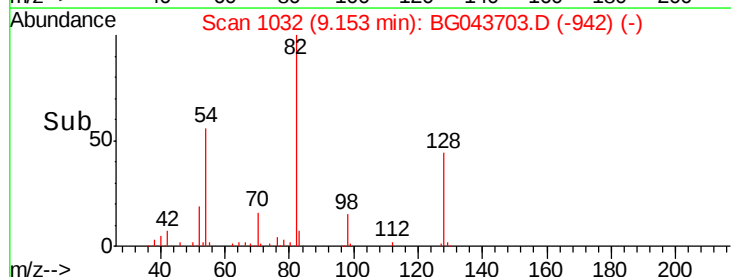
54 56.0 44.7 67.1

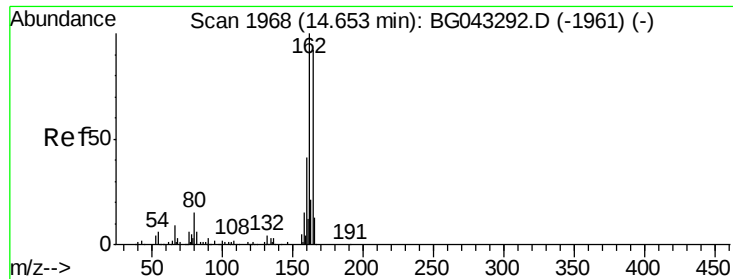


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG043703.D

Acq: 19 Nov 2019 18:16

Instrument :

BNA_G

ClientSampleId :

2-(16-19)

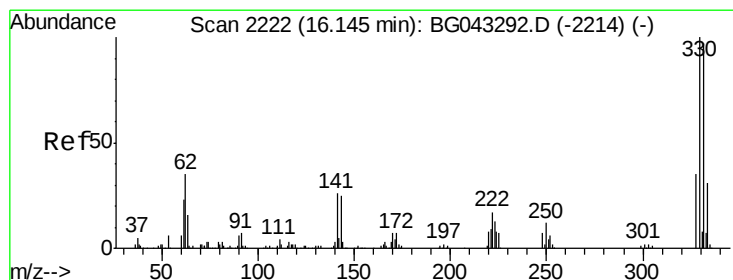
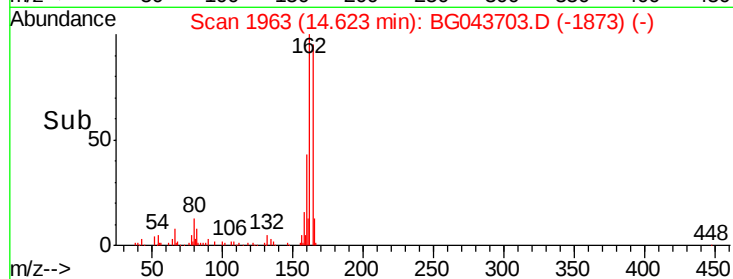
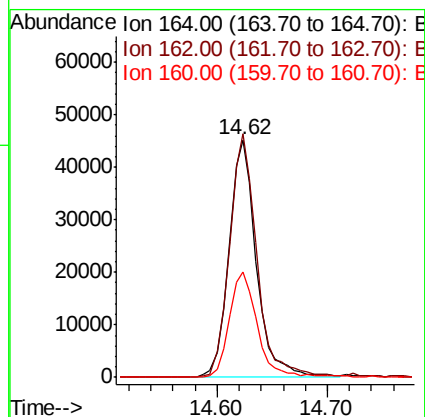
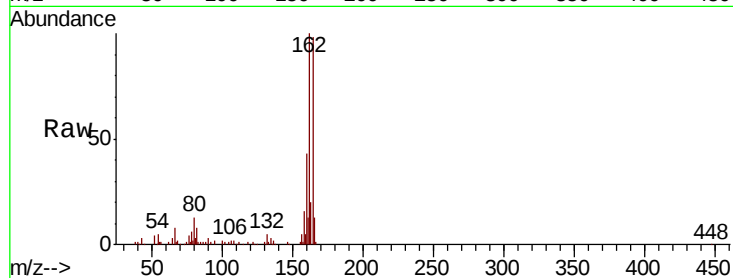
Tot Ion:164 Resp: 78651

Ion Ratio Lower Upper

164 100

162 102.5 79.4 119.2

160 44.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 90.155 ng

RT: 16.12 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG043703.D

Acq: 19 Nov 2019 18:16

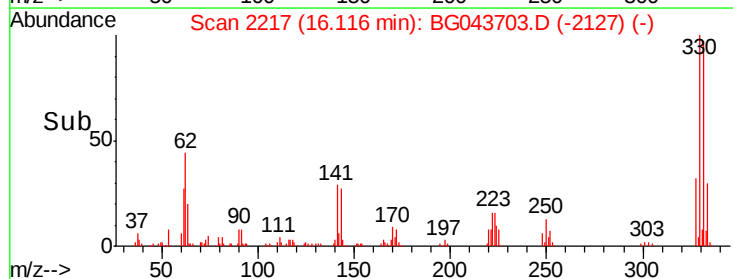
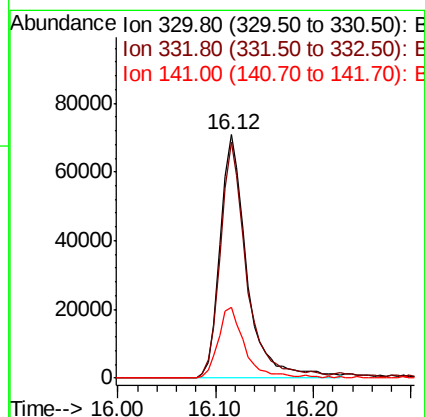
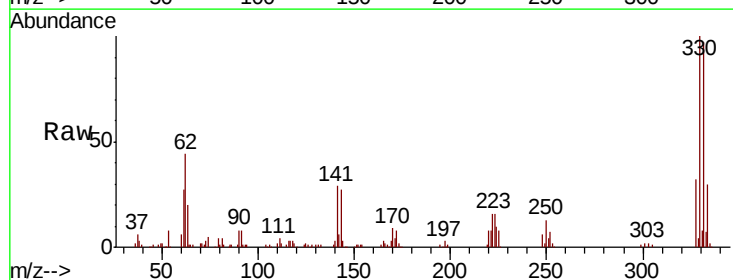
Tgt Ion:330 Resp: 134938

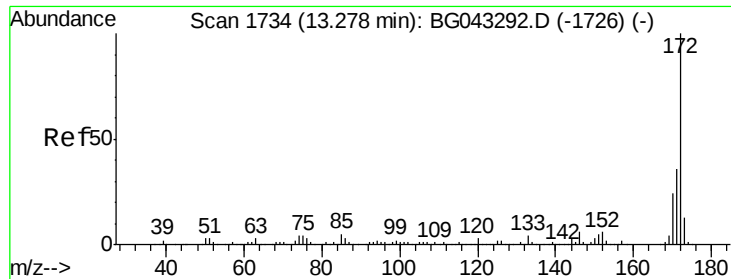
Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

141 28.5 23.4 35.2

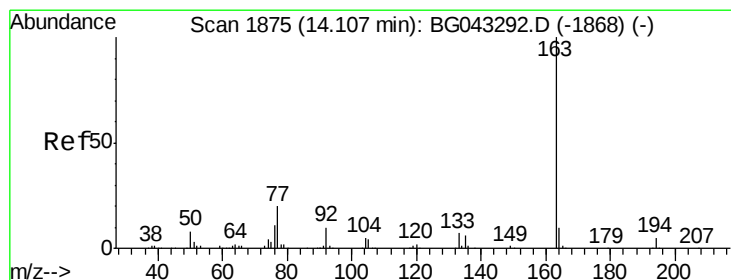
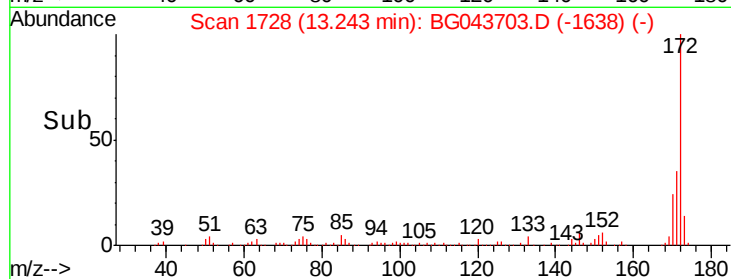
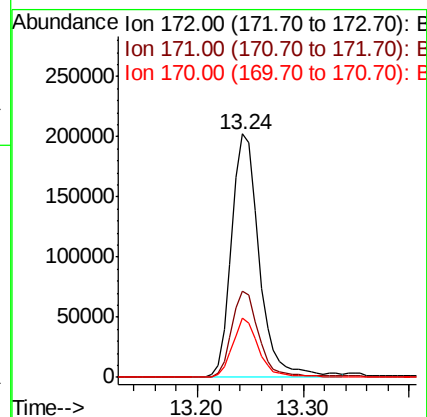
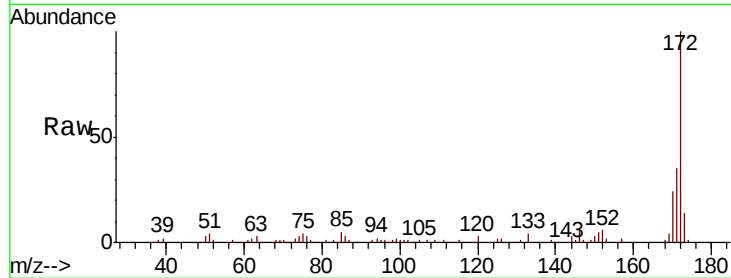




#45
2-Fluorobiphenyl
Concen: 65.017 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043703.D
Acq: 19 Nov 2019 18:16

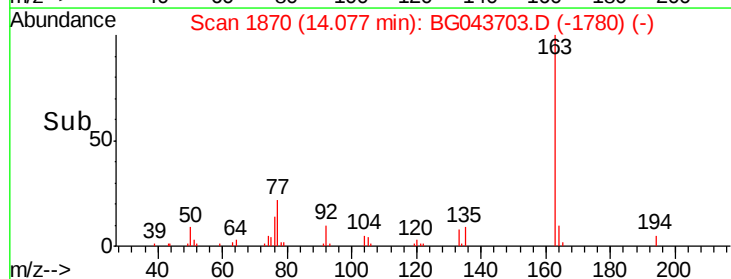
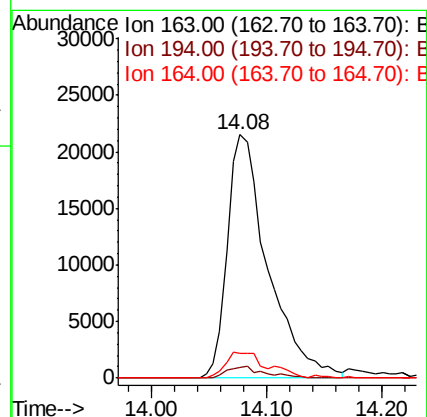
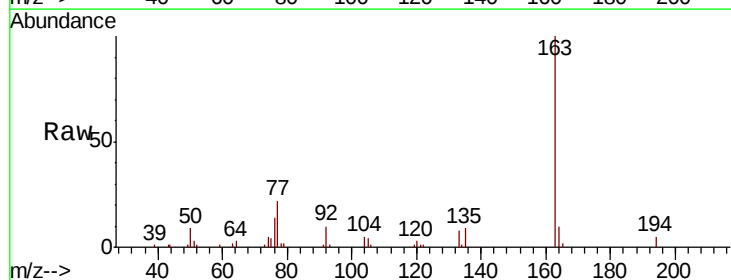
Instrument :
BNA_G
ClientSampleId :
2-(16-19)

Tot Ion:172 Resp: 370070
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.1 18.8 28.2



#50
Dimethylphthalate
Concen: 8.602 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG043703.D
Acq: 19 Nov 2019 18:16

Tgt Ion:163 Resp: 52405
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.8
164 10.3 8.5 12.7

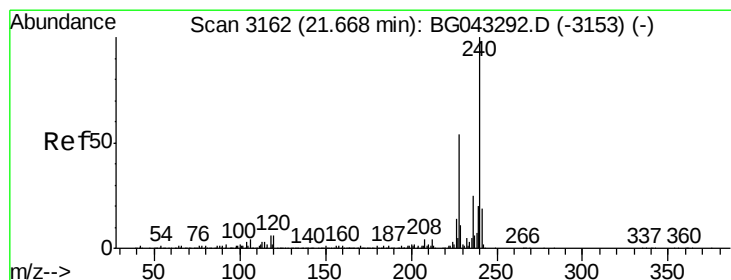
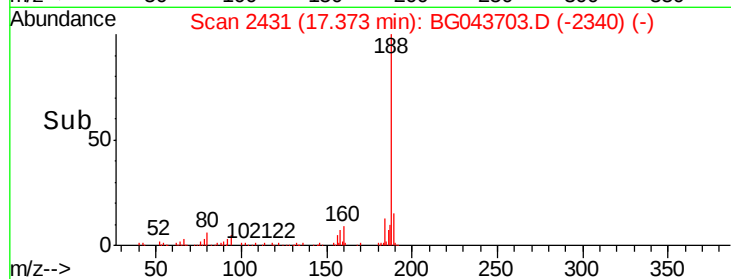
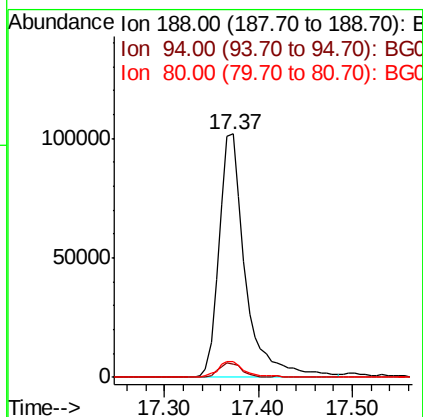
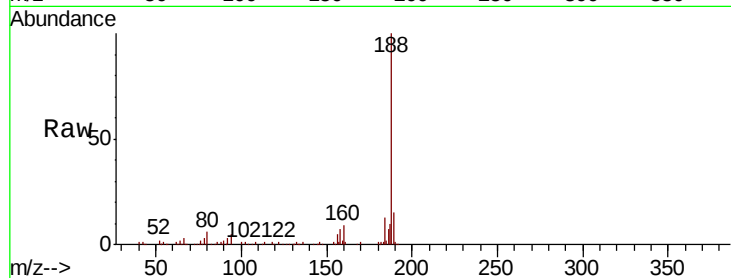




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BG043703.D
Acq: 19 Nov 2019 18:16

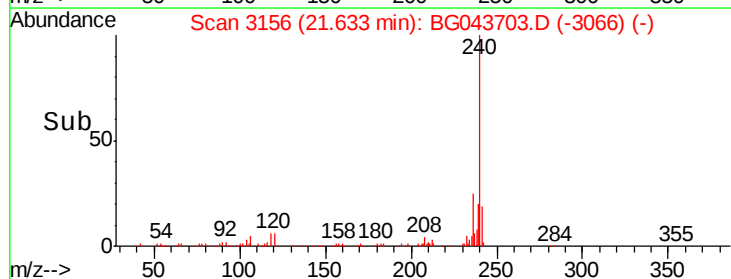
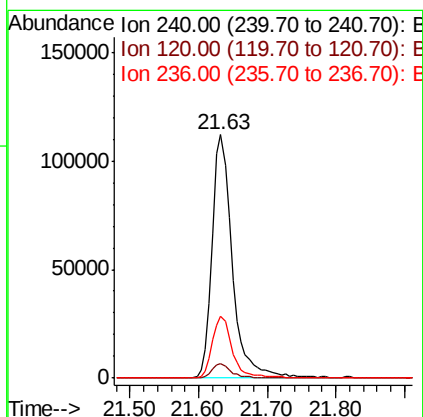
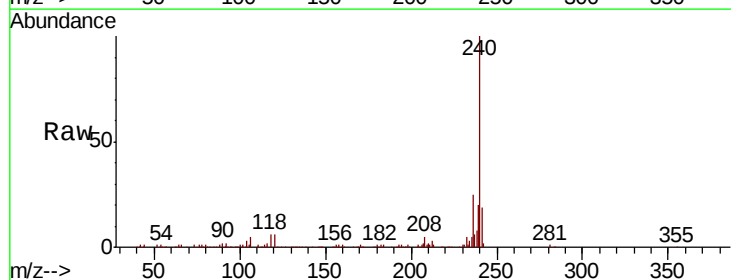
Instrument :
BNA_G
ClientSampleId :
2-(16-19)

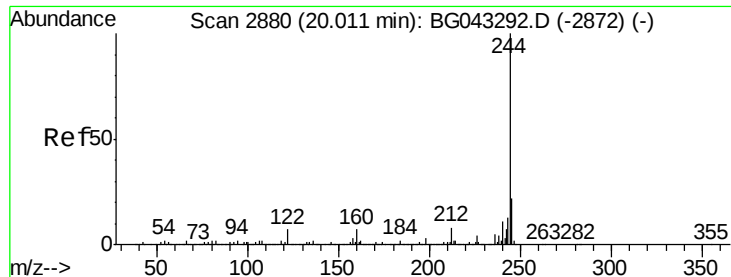
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.6	7.0
80	6.5	5.2	7.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043703.D
Acq: 19 Nov 2019 18:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.9	7.3
236	25.4	21.4	32.0





#79

Terphenyl-d14

Concen: 70.133 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG043703.D

Acq: 19 Nov 2019 18:16

Instrument :

BNA_G

ClientSampleId :

2-(16-19)

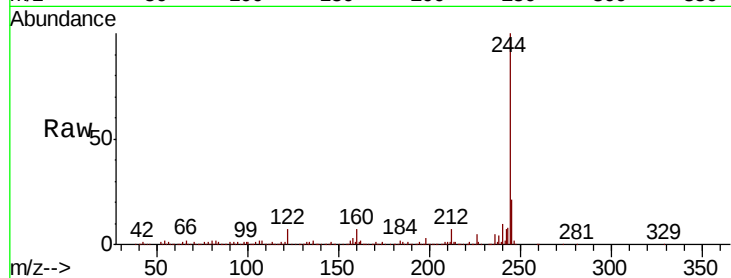
Tot Ion:244 Resp: 859023

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

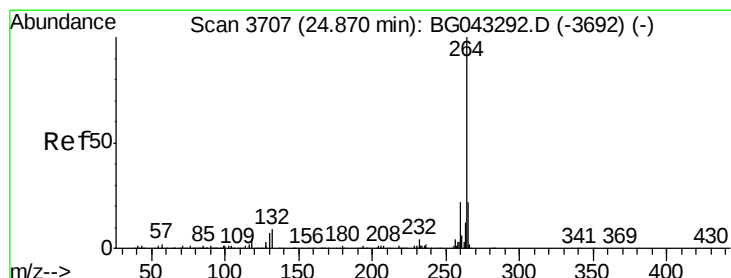
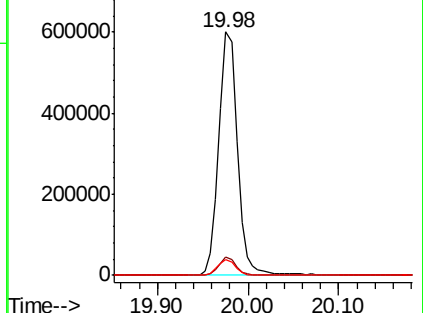
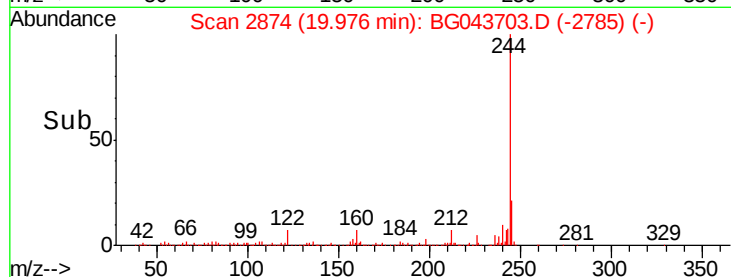
122 6.6 5.2 7.8



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: 24.81 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG043703.D

Acq: 19 Nov 2019 18:16

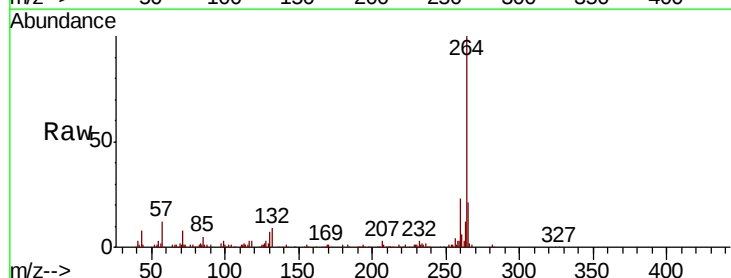
Tgt Ion:264 Resp: 260200

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.3 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

