

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043734.D
 Acq On : 20 Nov 2019 19:08
 Operator : JU
 Sample : K5916-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 600429836

Quant Time: Nov 21 01:04:42 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	26772	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	90211	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	71590	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	183255	20.00	ng	0.00
76) Chrysene-d12	21.63	240	196537	20.00	ng	0.00
87) Perylene-d12	24.81	264	227580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	216204	147.98	ng	0.00
7) Phenol-d6	7.18	99	291671	138.76	ng	0.00
23) Nitrobenzene-d5	9.15	82	179163	102.39	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	177190	130.06	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	476055	91.89	ng	0.00
79) Terphenyl-d14	19.98	244	1082815	103.36	ng	0.00

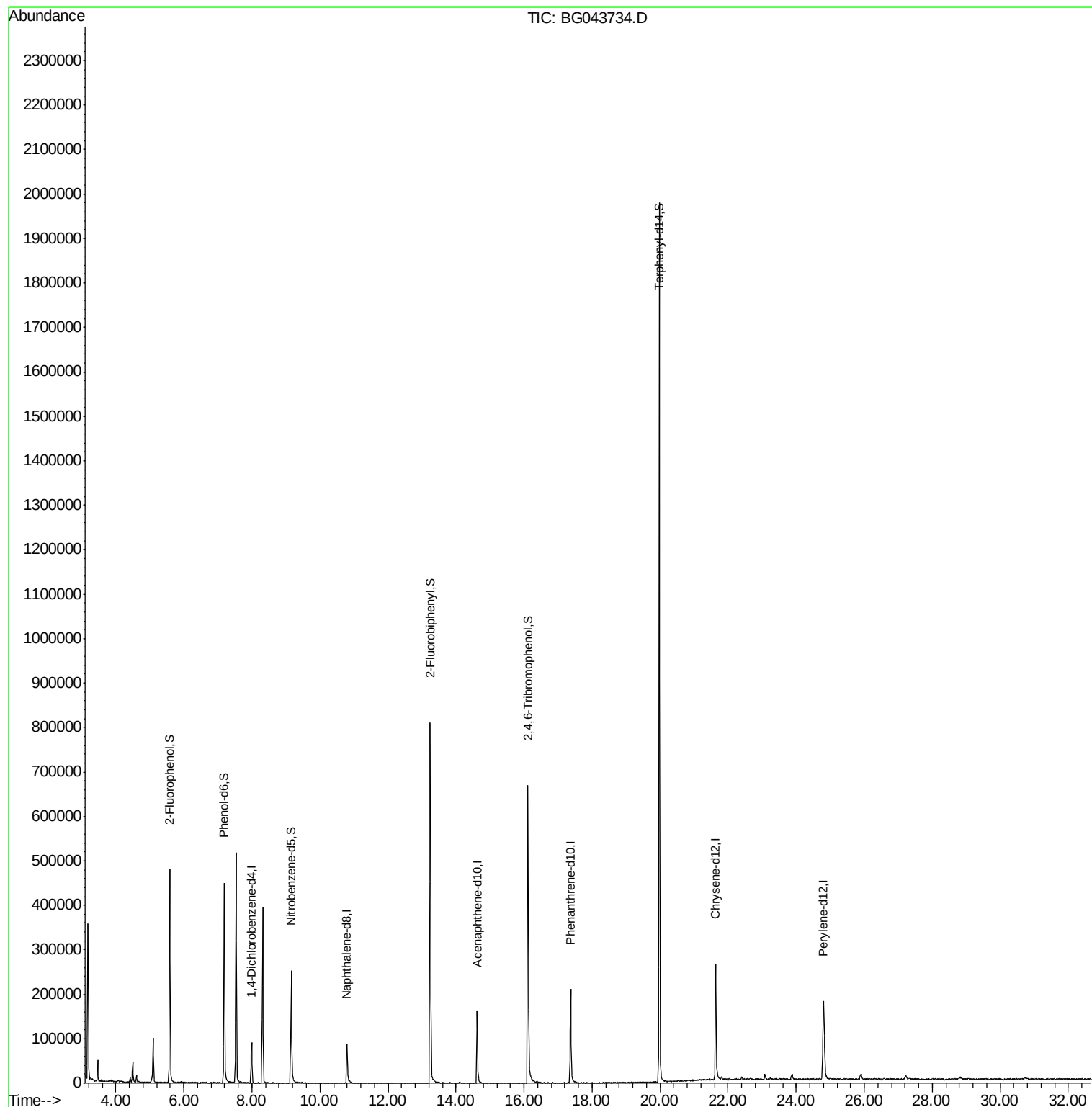
Target Compounds Qvalue

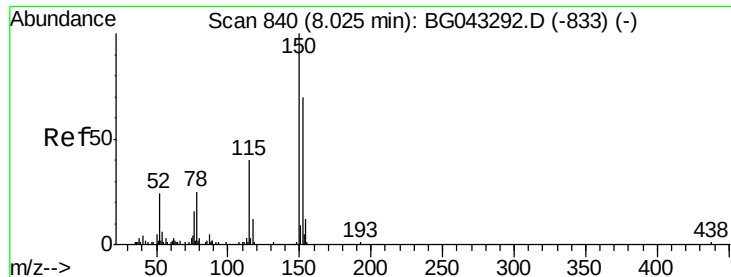
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG043734.D

Acq: 20 Nov 2019 19:08

Instrument :

BNA_G

ClientSampleId :

600429836

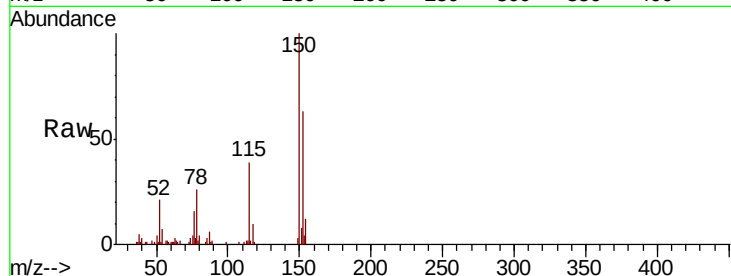
Tot Ion:152 Resp: 26772

Ion Ratio Lower Upper

152 100

150 159.4 116.6 175.0

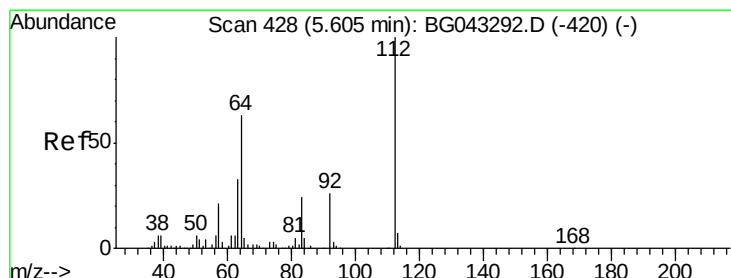
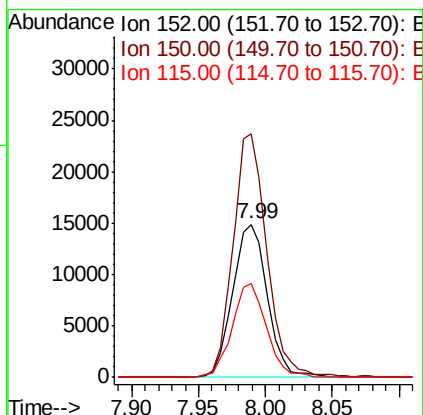
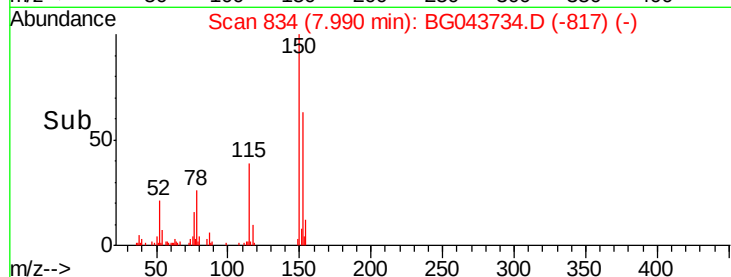
115 61.8 40.5 60.7#



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: 147.984 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG043734.D

Acq: 20 Nov 2019 19:08

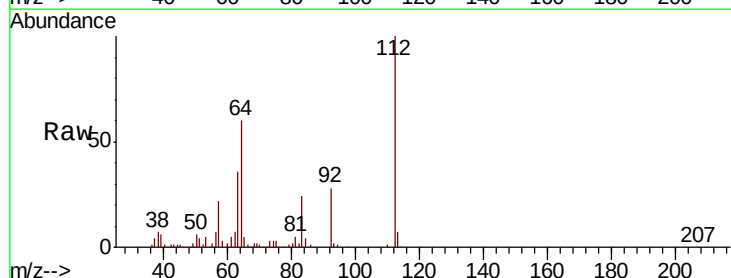
Tgt Ion:112 Resp: 216204

Ion Ratio Lower Upper

112 100

64 59.5 50.6 75.8

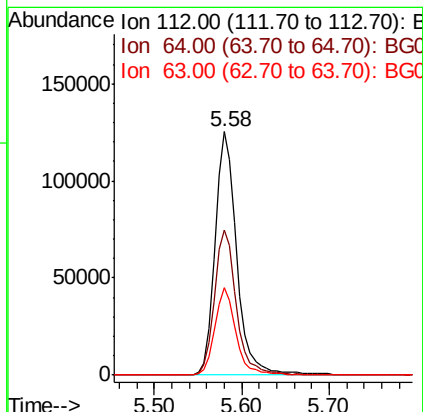
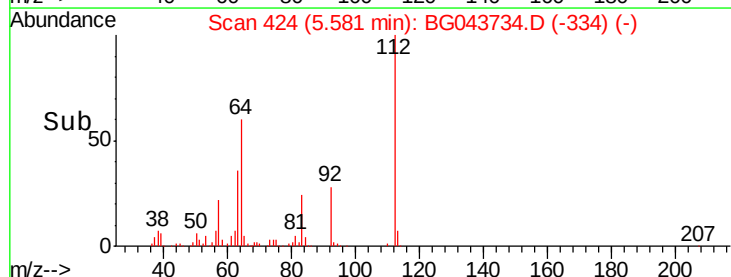
63 36.0 30.5 45.7

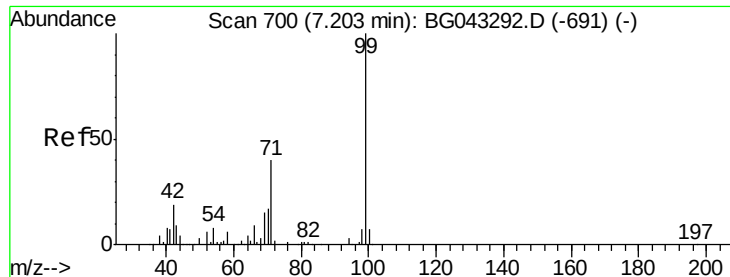


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.757 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043734.D

Acq: 20 Nov 2019 19:08

Instrument :

BNA_G

ClientSampleId :

600429836

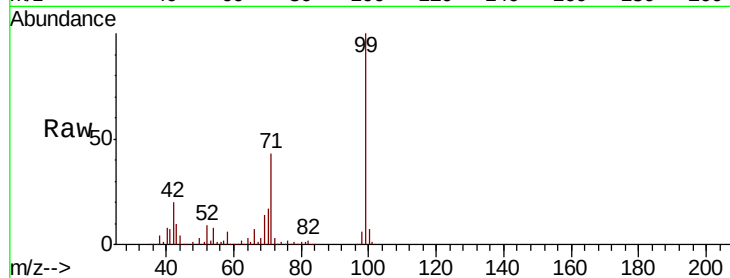
Tot Ion: 99 Resp: 291671

Ion Ratio Lower Upper

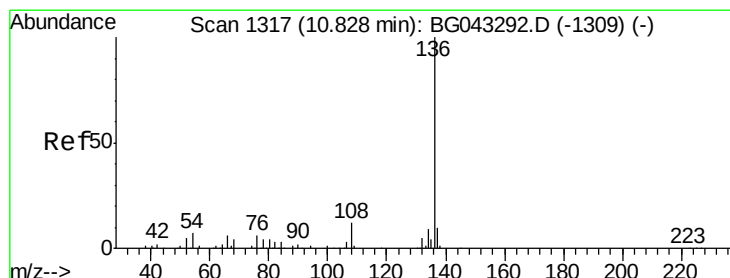
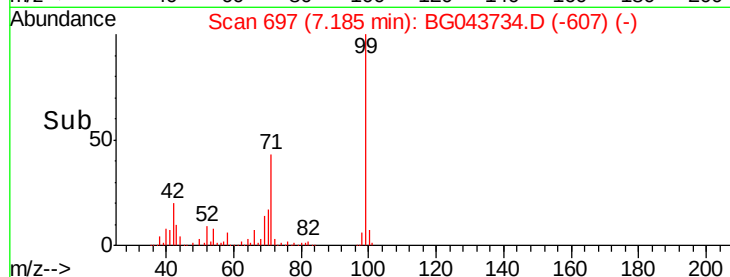
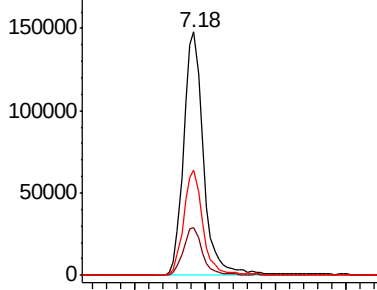
99 100

42 19.5 15.8 23.8

71 43.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG043734.D

Acq: 20 Nov 2019 19:08

Tgt Ion: 136 Resp: 90211

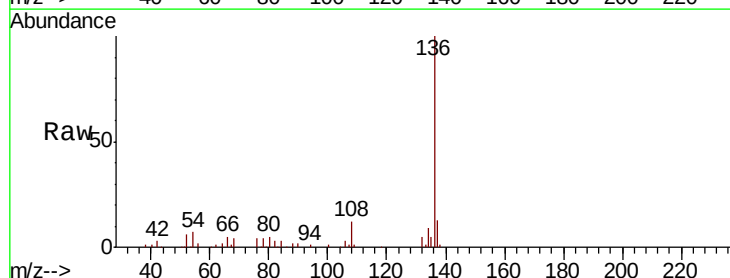
Ion Ratio Lower Upper

136 100

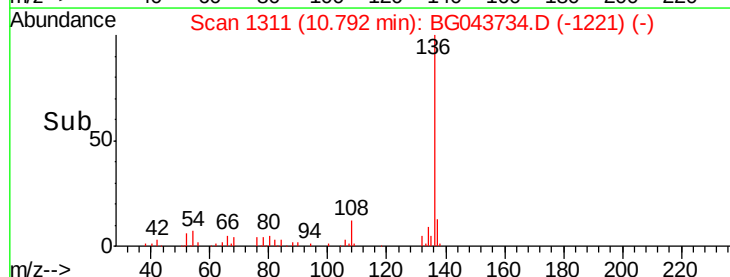
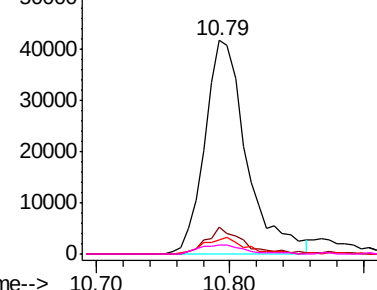
137 12.8 8.8 13.2

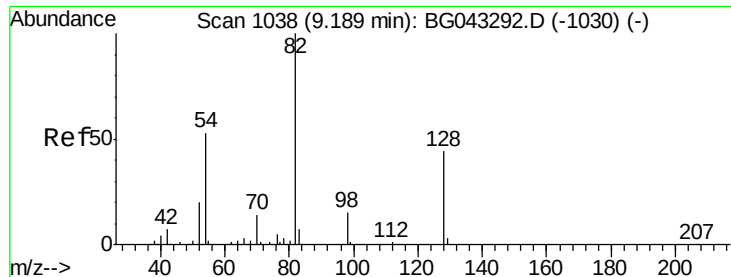
54 6.6 6.2 9.2

68 4.0 3.4 5.0



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

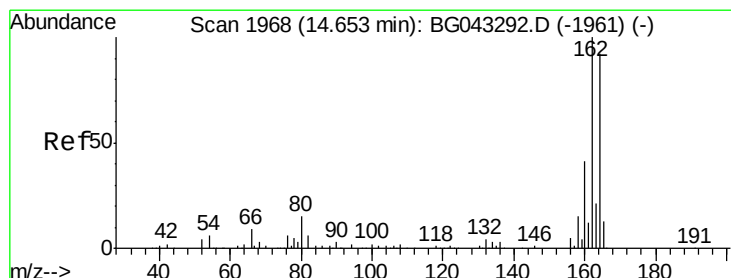
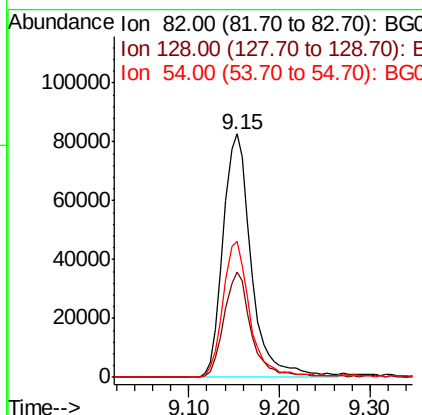
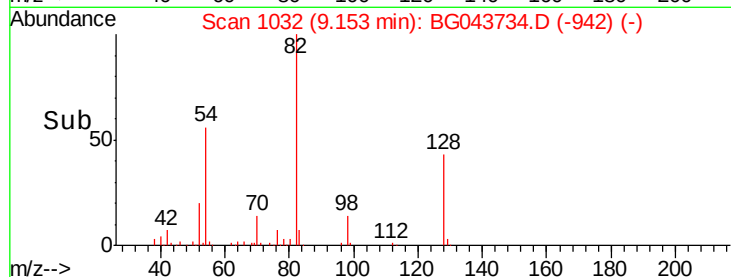
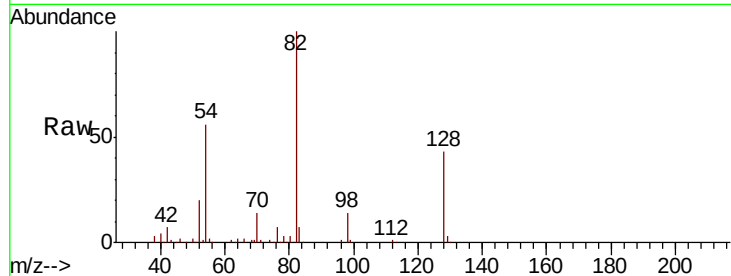




#23
Nitrobenzene-d5
Concen: 102.390 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

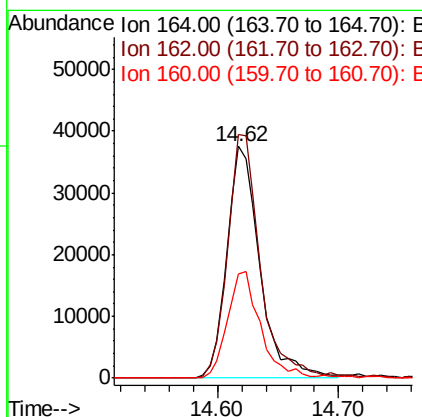
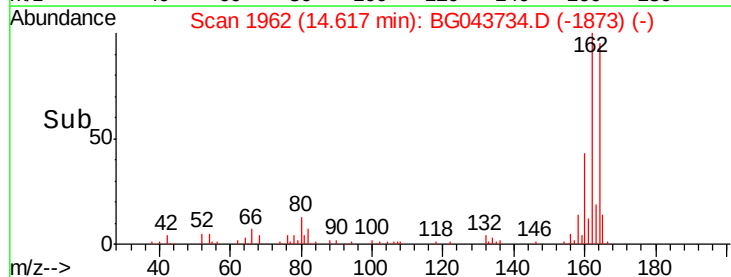
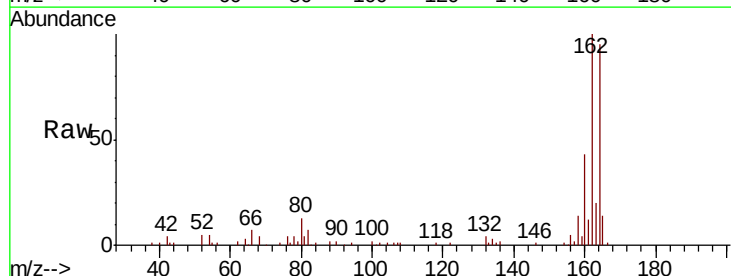
Instrument :
BNA_G
ClientSampled :
600429836

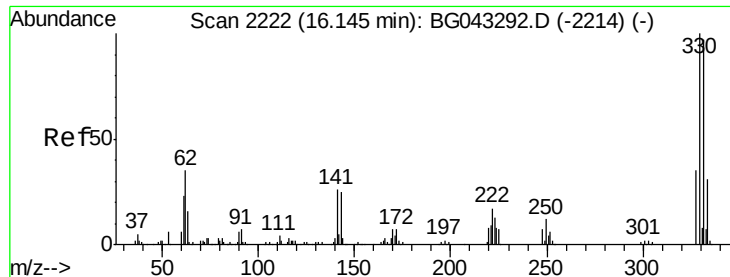
Tot Ion: 82 Resp: 179163
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 55.9 44.7 67.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG043734.D
Acq: 20 Nov 2019 19:08

Tgt Ion:164 Resp: 71590
Ion Ratio Lower Upper
164 100
162 105.1 79.4 119.2
160 45.2 36.3 54.5

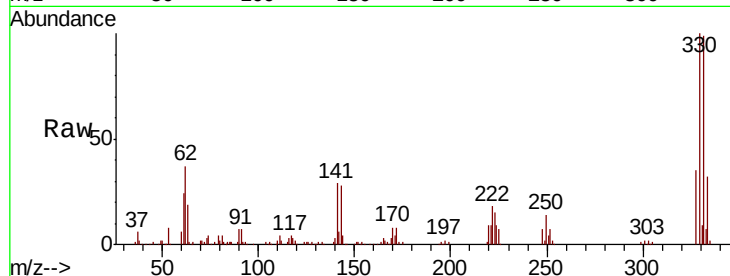




#42
 2,4,6-Tribromophenol
 Concen: 130.061 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG043734.D
 Acq: 20 Nov 2019 19:08

Instrument :
 BNA_G
 ClientSampleId :
 600429836

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.6	115.0
141	29.3	23.4	35.2

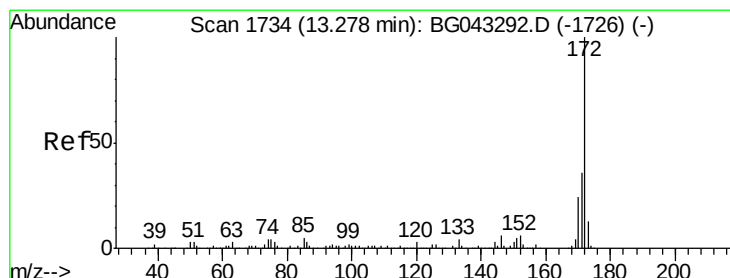
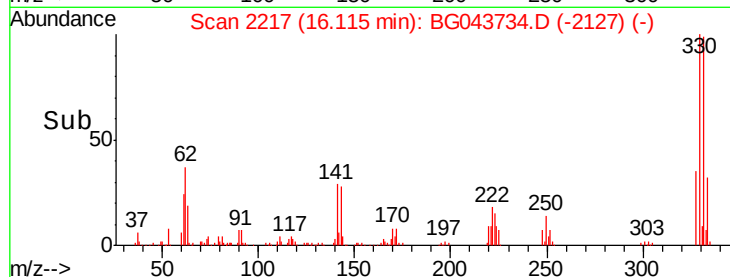
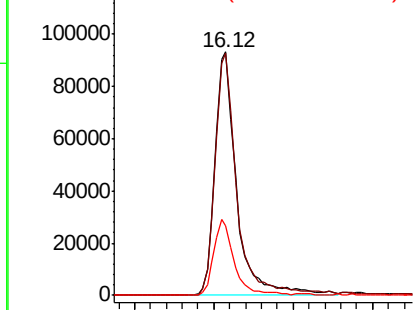


Abundance

Ion 329.80 (329.50 to 330.50): E

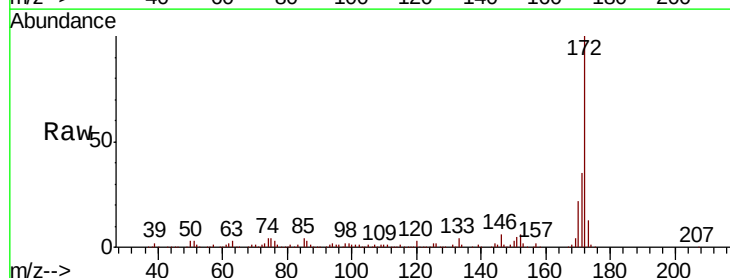
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.886 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043734.D
 Acq: 20 Nov 2019 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	22.2	18.8	28.2

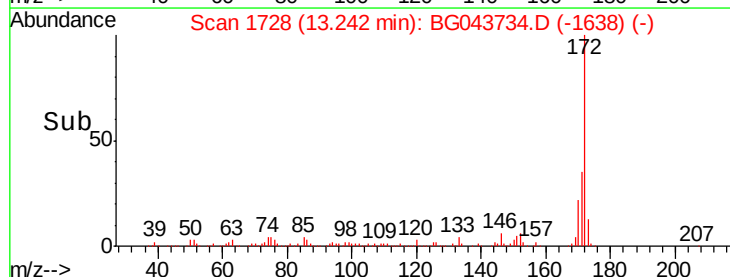
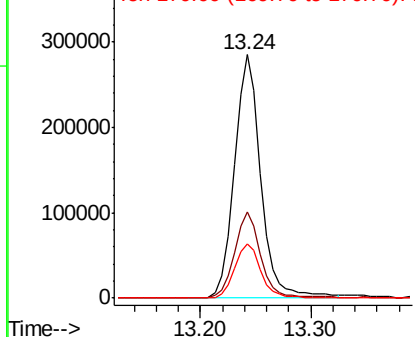


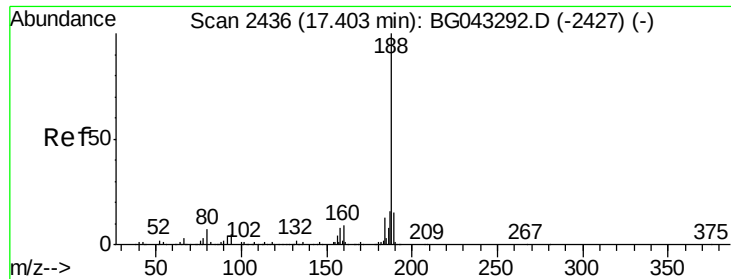
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG043734.D

Acq: 20 Nov 2019 19:08

Instrument :

BNA_G

ClientSampleId :

600429836

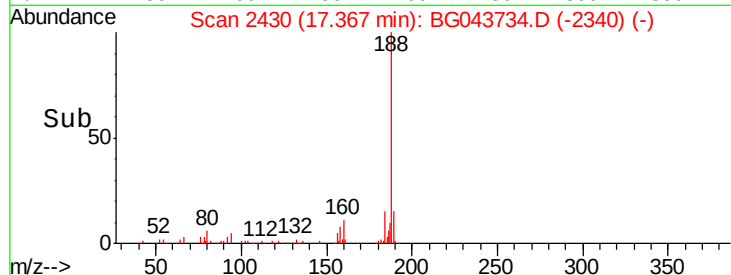
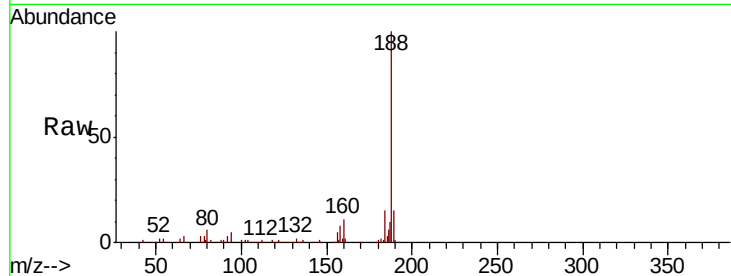
Tot Ion:188 Resp: 183255

Ion Ratio Lower Upper

188 100

94 5.3 4.6 7.0

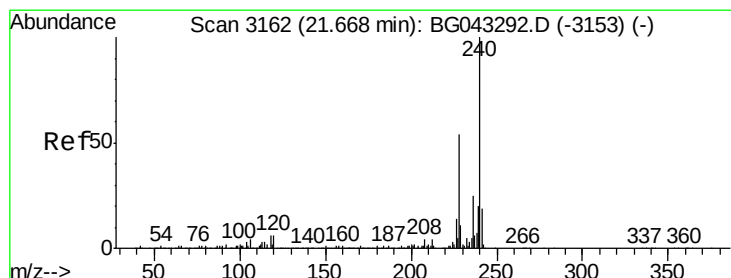
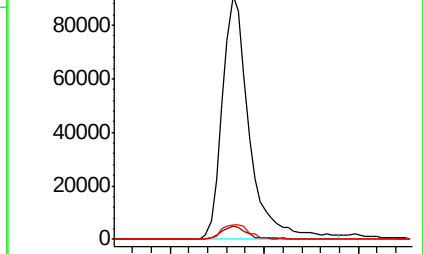
80 6.0 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043734.D

Acq: 20 Nov 2019 19:08

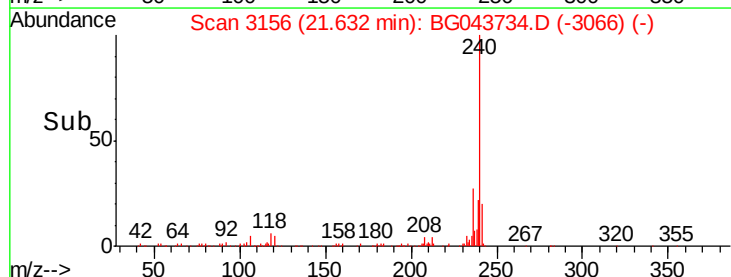
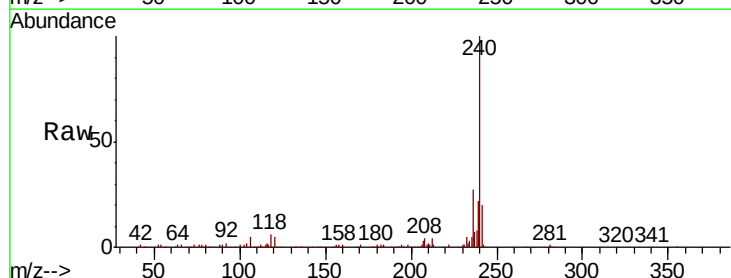
Tgt Ion:240 Resp: 196537

Ion Ratio Lower Upper

240 100

120 4.8 4.9 7.3#

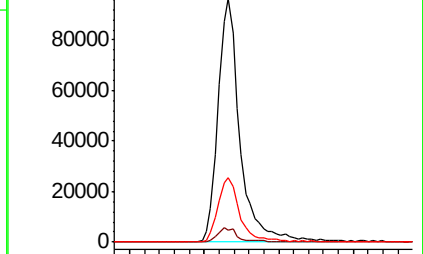
236 26.6 21.4 32.0

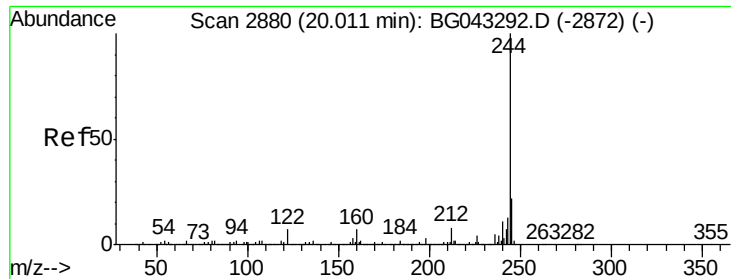


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



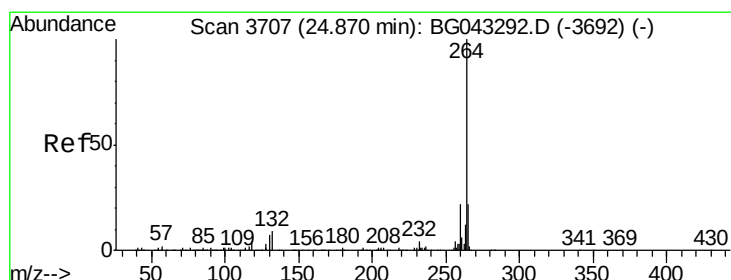
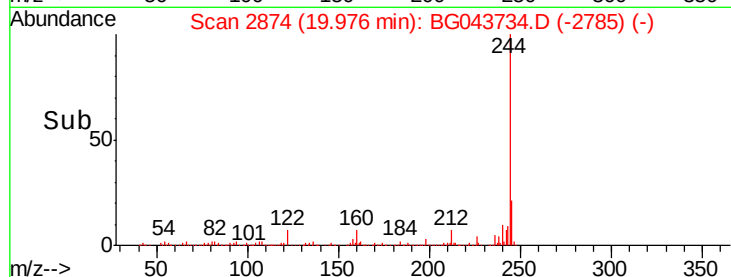
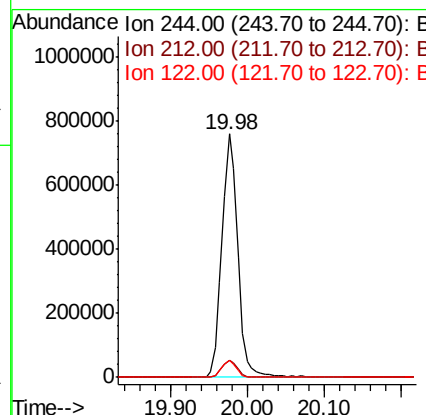
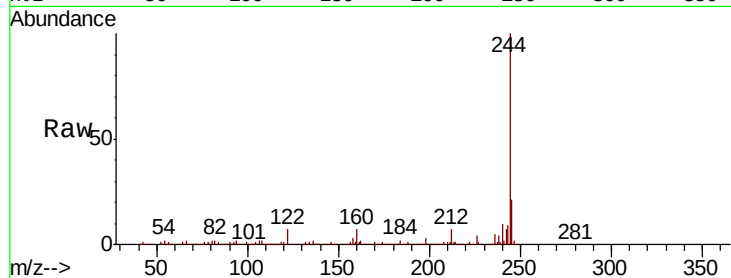


#79
 Terphenyl-d14
 Concen: 103.361 ng
 RT: 19.98 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG043734.D
 Acq: 20 Nov 2019 19:08

Instrument :
 BNA_G
 ClientSampleId :
 600429836

Tot Ion:244 Resp: 1082815

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	7.0	5.2	7.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: BG043734.D
 Acq: 20 Nov 2019 19:08

Tgt Ion:264 Resp: 227580

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	21.0	15.8	23.8

