

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043720.D
 Acq On : 20 Nov 2019 6:38
 Operator : JU
 Sample : K5665-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-111419

Quant Time: Nov 20 08:01:38 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

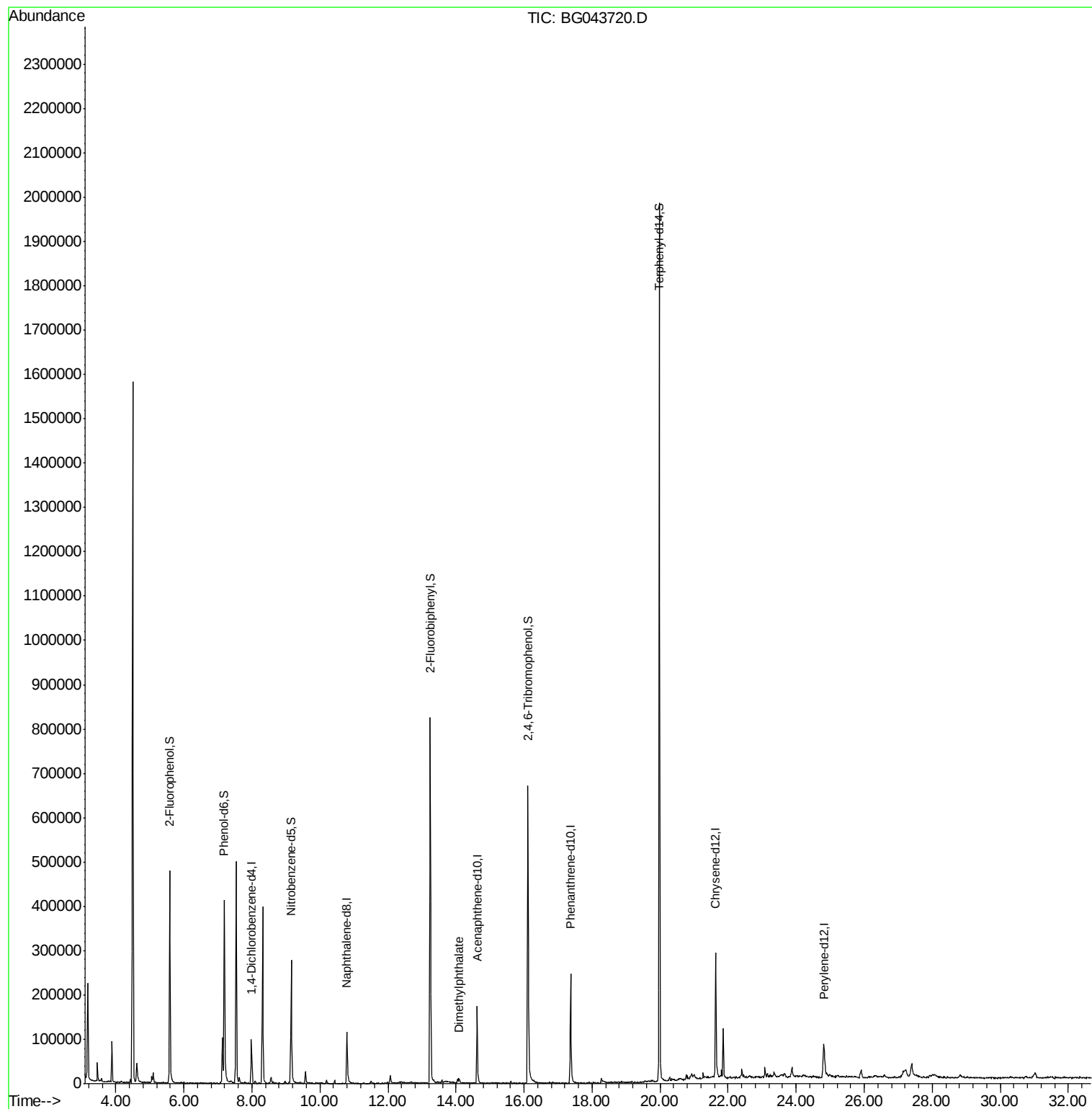
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29813	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	113584	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	64542	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	200011	20.00	ng	0.00
76) Chrysene-d12	21.63	240	197105	20.00	ng	0.00
87) Perylene-d12	24.81	264	58092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	220815	135.72	ng	0.00
7) Phenol-d6	7.19	99	261503	111.72	ng	0.00
23) Nitrobenzene-d5	9.15	82	183021	83.07	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	181583	147.84	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	484016	103.62	ng	0.00
79) Terphenyl-d14	19.98	244	1087728	103.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	12244	2.449	ng	Qvalue # 93

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

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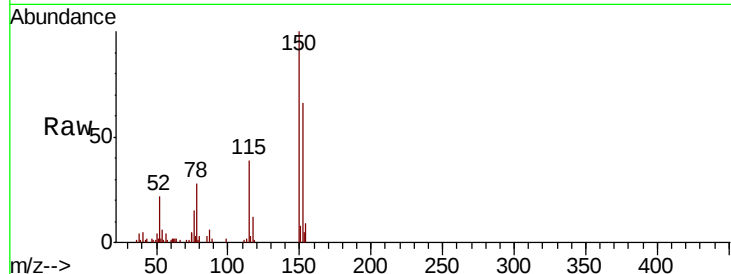


#1

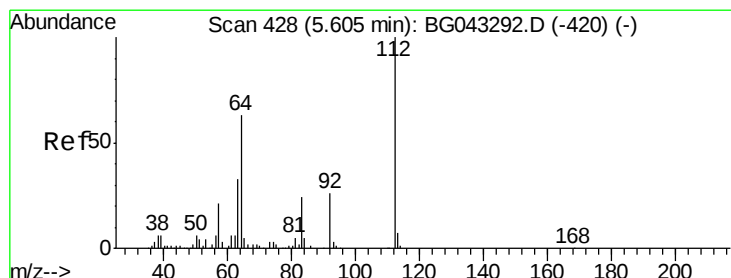
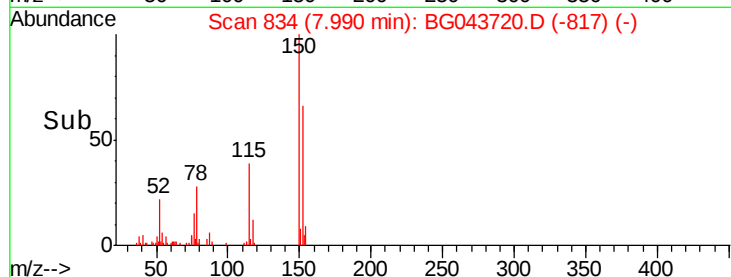
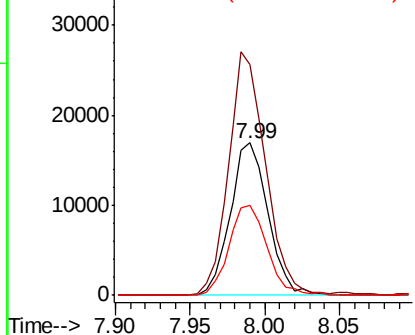
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG043720.D
Acq: 20 Nov 2019 6:38

Instrument :
BNA_G
ClientSampleId :
HR-05-111419

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	116.6	175.0
115	58.8	40.5	60.7



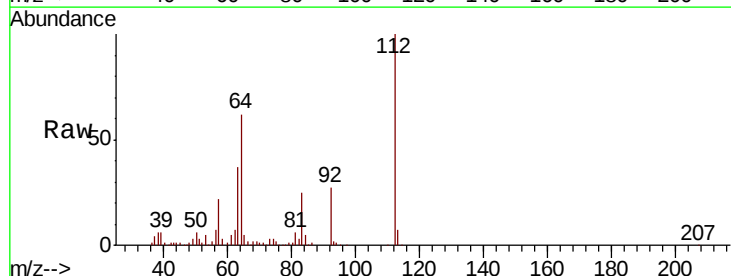
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



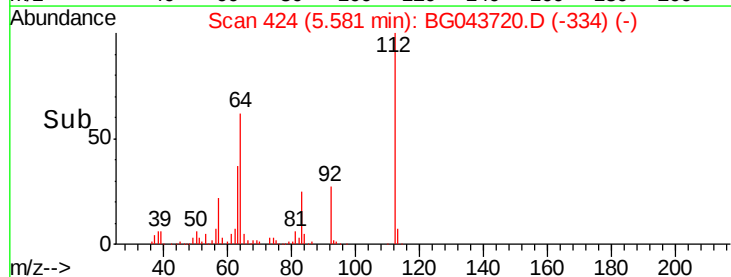
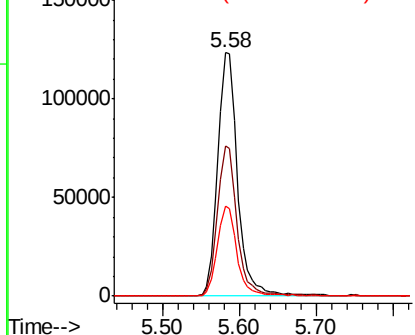
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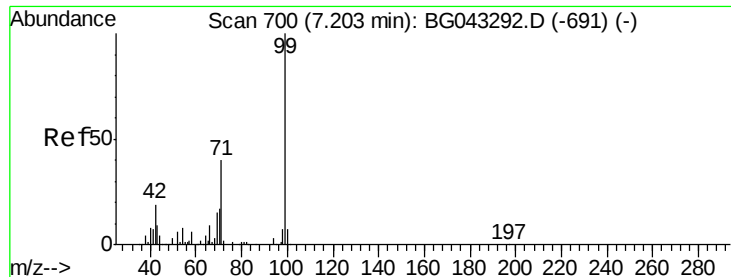
2-Fluorophenol
Concen: 135.723 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG043720.D
Acq: 20 Nov 2019 6:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	50.6	75.8
63	37.0	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: 111.715 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043720.D

Acq: 20 Nov 2019 6:38

Instrument :

BNA_G

ClientSampleId :

HR-05-111419

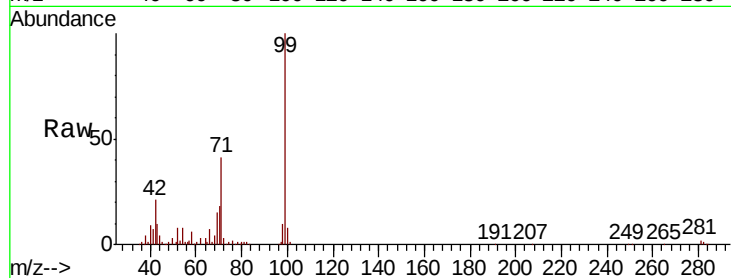
Tot Ion: 99 Resp: 261503

Ion Ratio Lower Upper

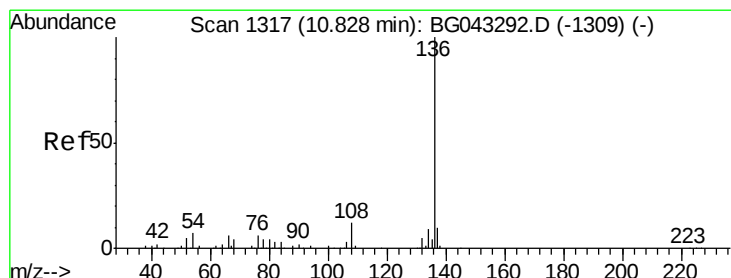
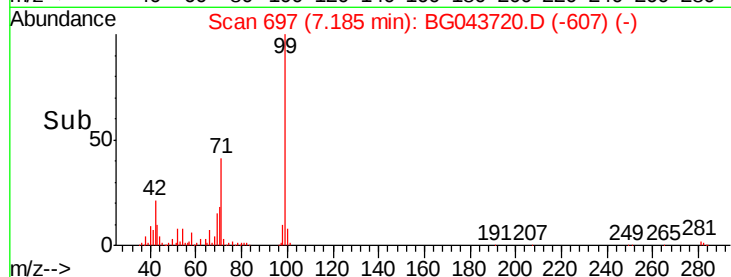
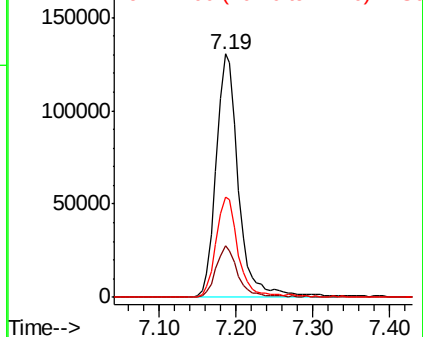
99 100

42 21.0 15.8 23.8

71 41.4 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: BG043720.D

Acq: 20 Nov 2019 6:38

Tgt Ion: 136 Resp: 113584

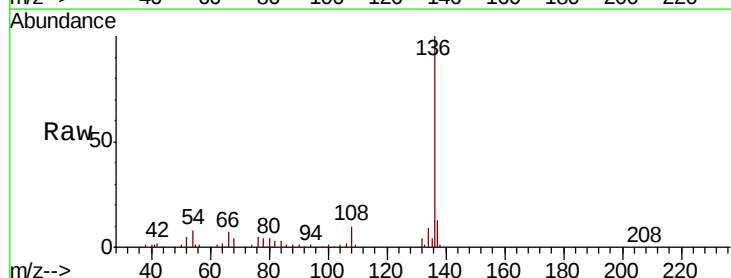
Ion Ratio Lower Upper

136 100

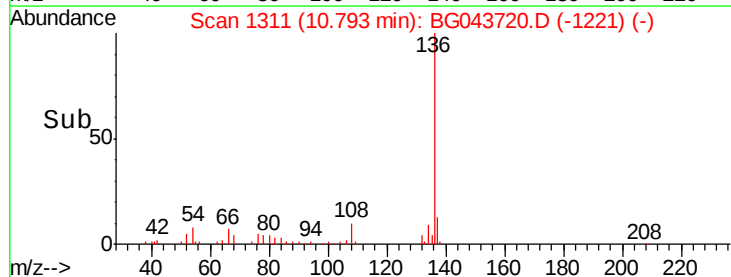
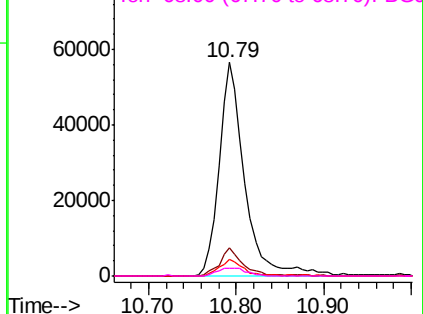
137 12.9 8.8 13.2

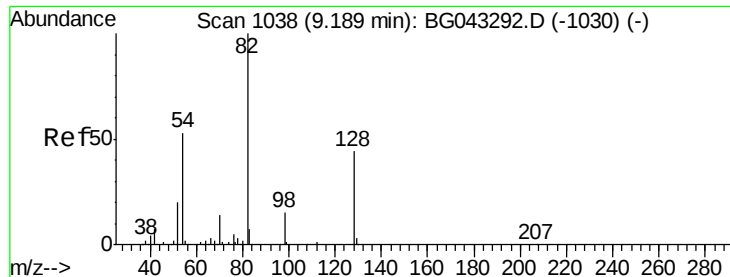
54 7.6 6.2 9.2

68 3.9 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: 83.071 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG043720.D

Acq: 20 Nov 2019 6:38

Instrument :

BNA_G

ClientSampleId :

HR-05-111419

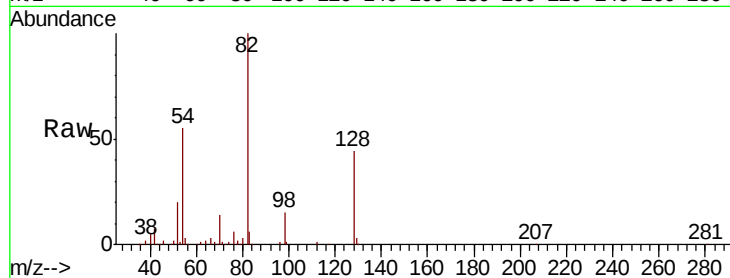
Tot Ion: 82 Resp: 183021

Ion Ratio Lower Upper

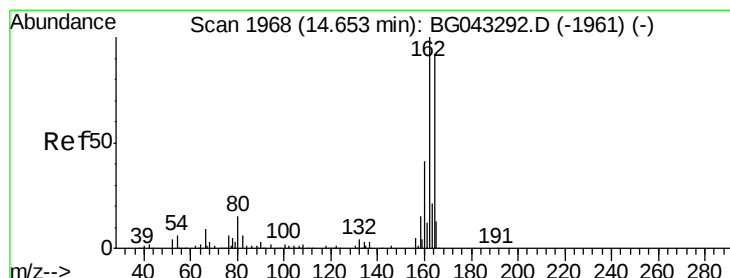
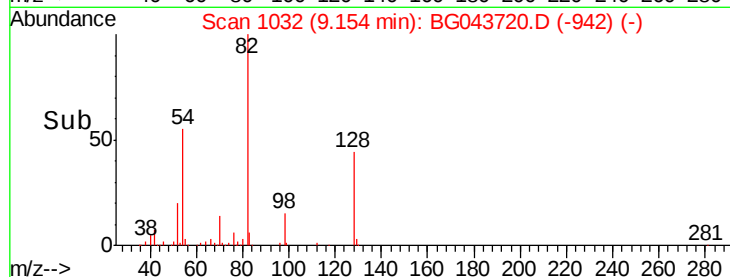
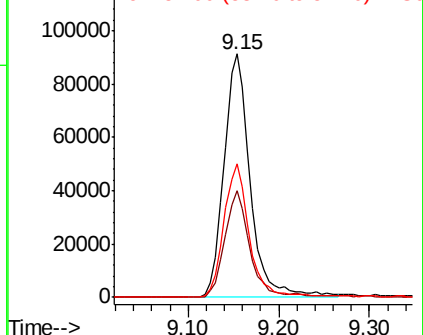
82 100

128 43.7 34.2 51.4

54 54.7 44.7 67.1



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BG043720.D

Acq: 20 Nov 2019 6:38

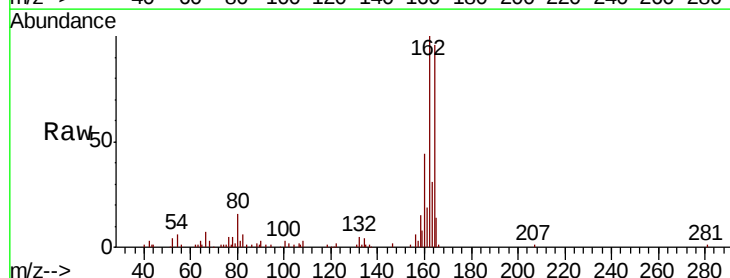
Tgt Ion:164 Resp: 64542

Ion Ratio Lower Upper

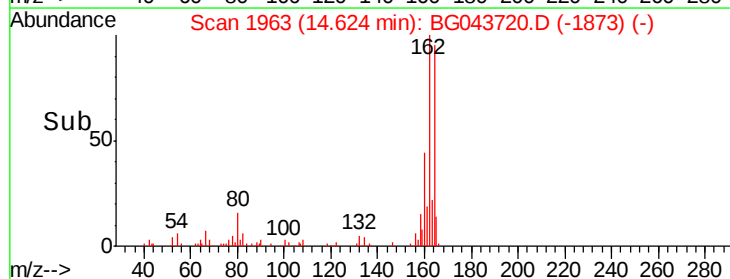
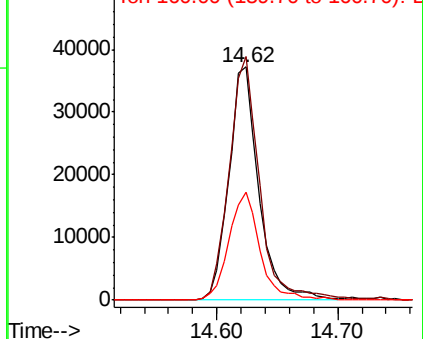
164 100

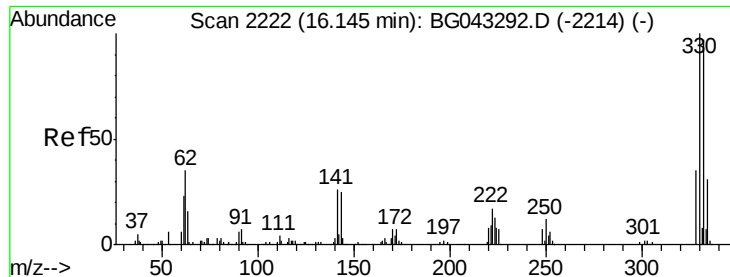
162 104.4 79.4 119.2

160 46.4 36.3 54.5



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

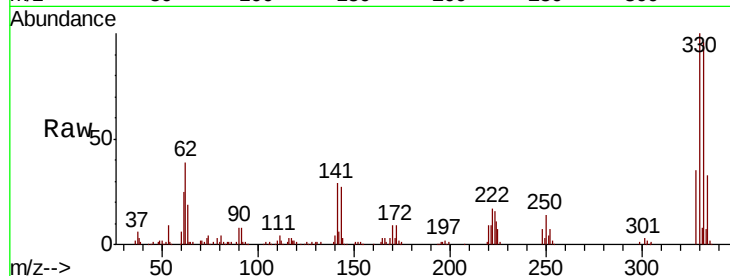




#42
 2,4,6-Tribromophenol
 Concen: 147.840 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG043720.D
 Acq: 20 Nov 2019 6:38

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-111419

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	115.0
141	28.9	23.4	35.2

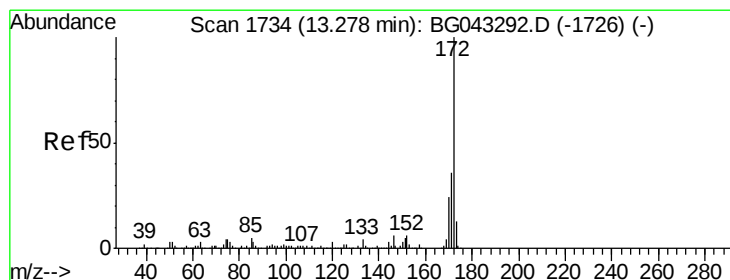
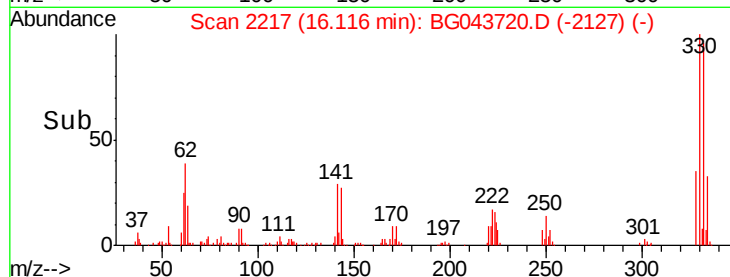
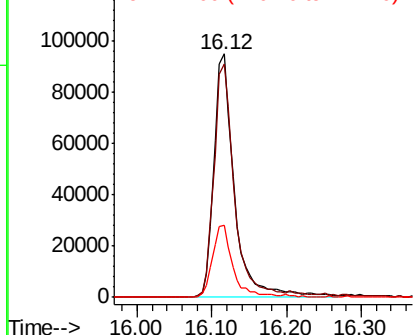


Abundance

Ion 329.80 (329.50 to 330.50): E

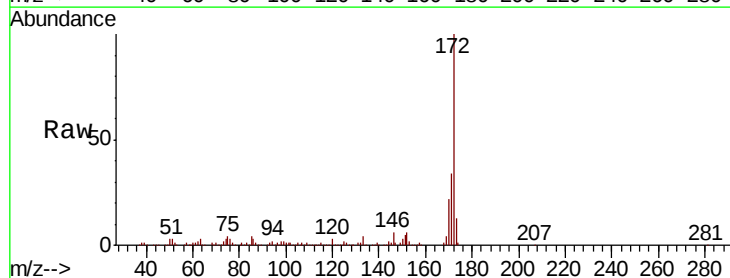
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 103.625 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG043720.D
 Acq: 20 Nov 2019 6:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.1	42.1
170	22.1	18.8	28.2

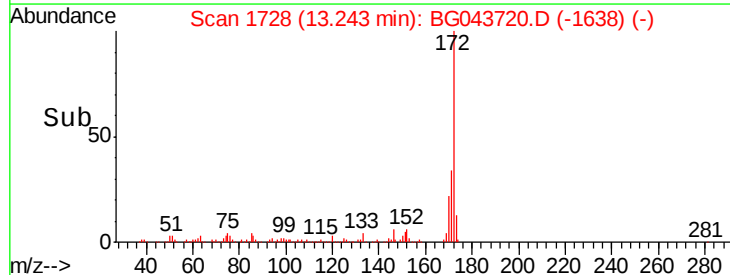
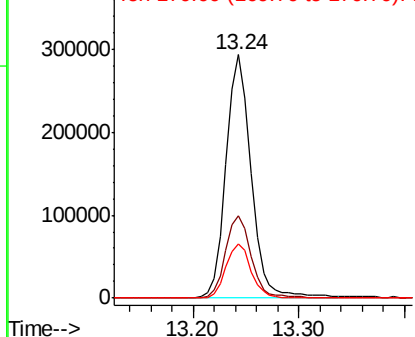


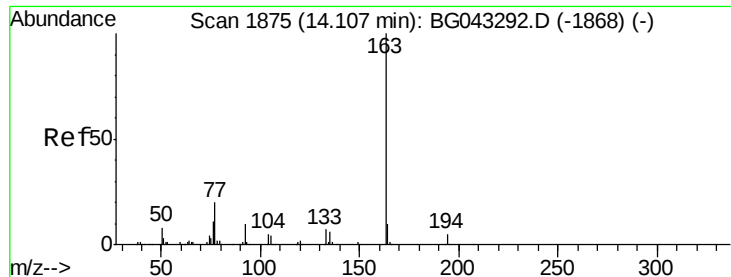
Abundance

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





#50

Dimethylphthalate

Concen: 2.449 ng

RT: 14.08 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BG043720.D

Acq: 20 Nov 2019 6:38

Instrument :

BNA_G

ClientSampleId :

HR-05-111419

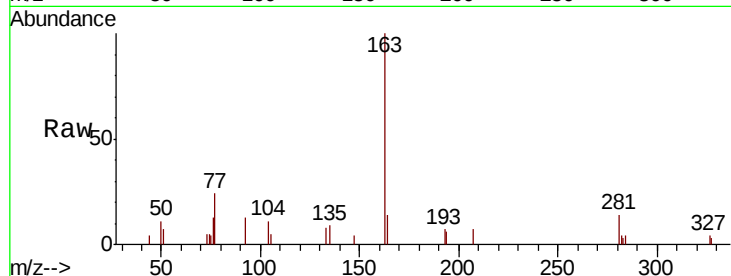
Tot Ion:163 Resp: 12244

Ion Ratio Lower Upper

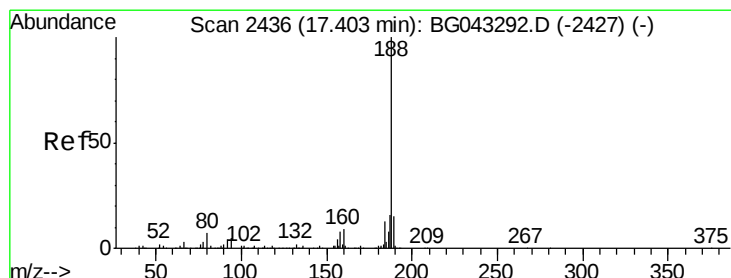
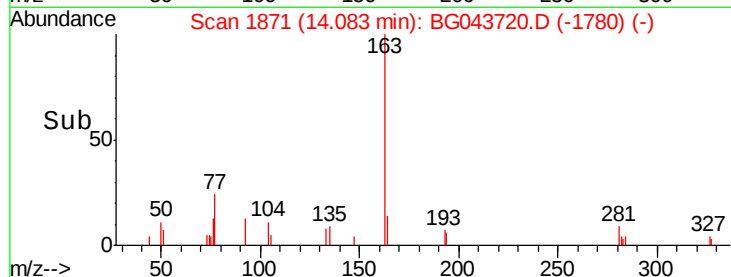
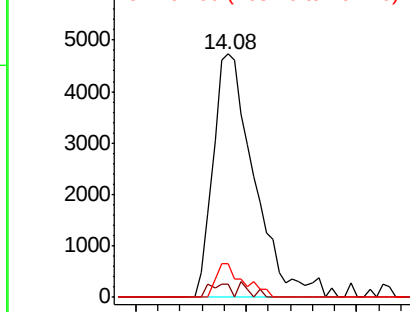
163 100

194 5.6 3.8 5.8

164 13.9 8.5 12.7#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG043720.D

Acq: 20 Nov 2019 6:38

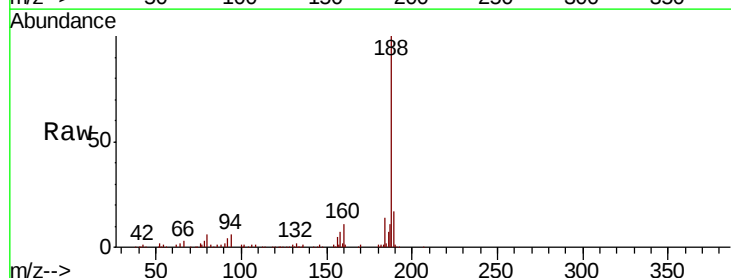
Tgt Ion:188 Resp: 200011

Ion Ratio Lower Upper

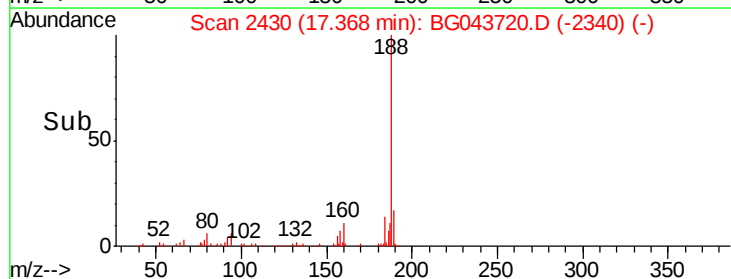
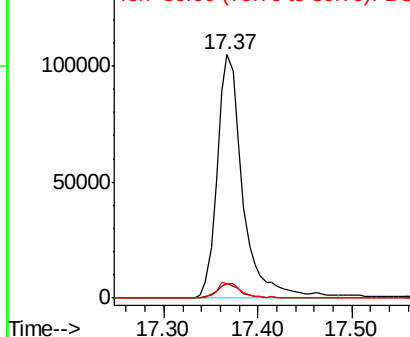
188 100

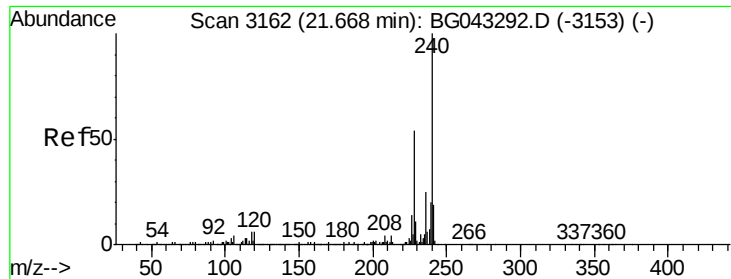
94 6.0 4.6 7.0

80 5.9 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

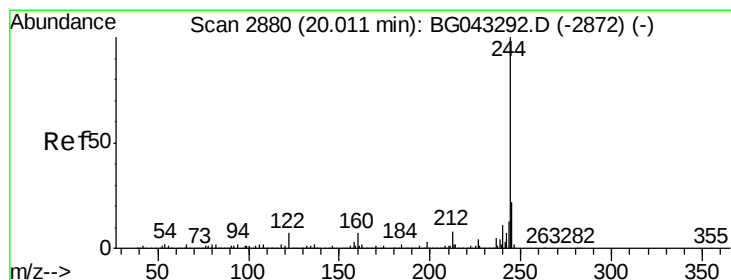
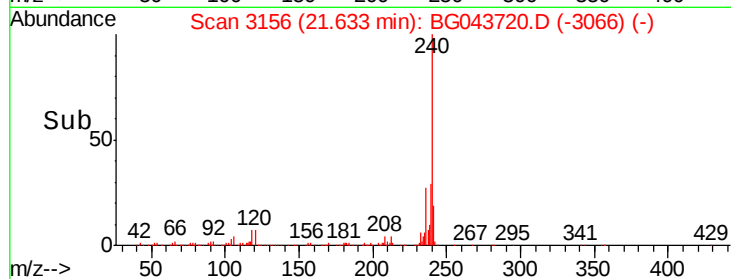
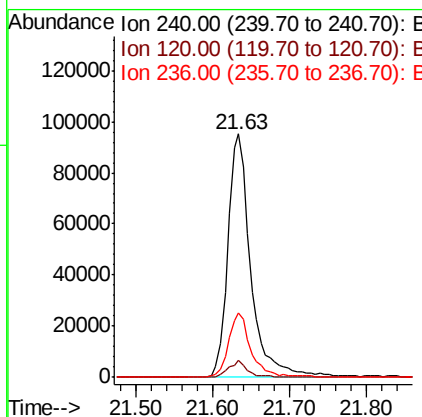
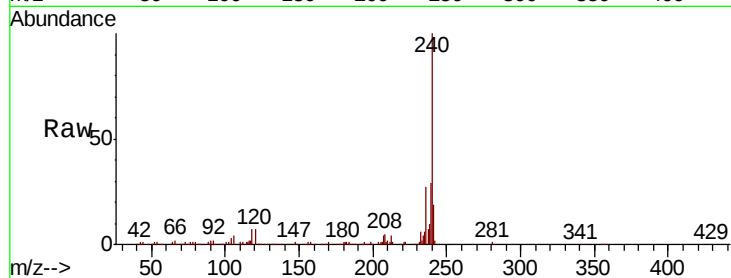




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: BG043720.D
 Acq: 20 Nov 2019 6:38

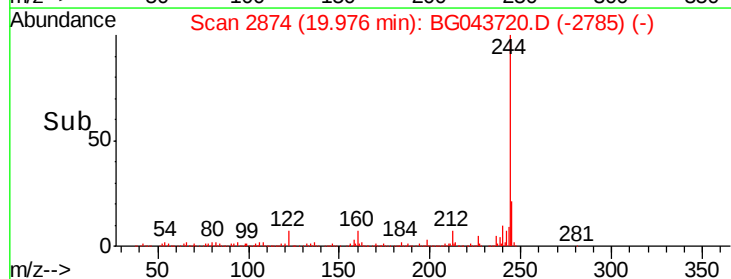
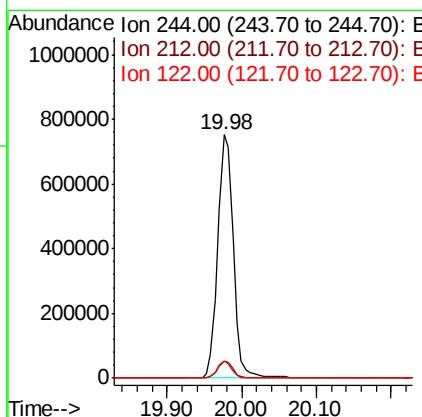
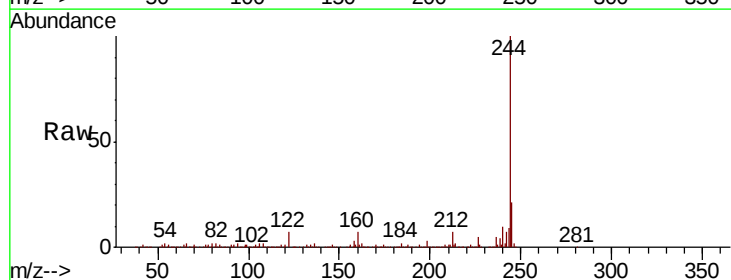
Instrument :
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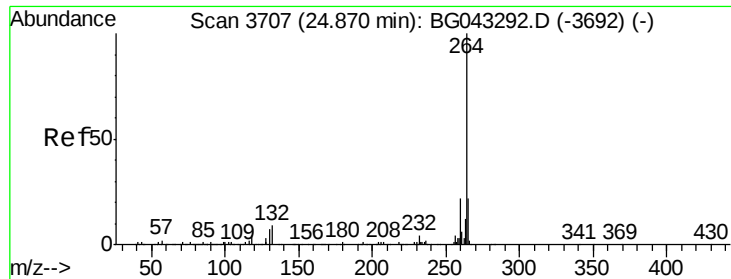
Tot Ion:240 Resp: 197105
 Ion Ratio Lower Upper
 240 100
 120 6.9 4.9 7.3
 236 26.5 21.4 32.0



#79
 Terphenyl-d14
 Concen: 103.531 ng
 RT: 19.98 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BG043720.D
 Acq: 20 Nov 2019 6:38

Tgt Ion:244 Resp: 1087728
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 7.0 5.2 7.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. 0.00 min
Lab File: BG043720.D
Acq: 20 Nov 2019 6:38

Instrument :
BNA_G
ClientSampleId :
HR-05-111419

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.4	27.6
265	18.2	15.8	23.8

