

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043391.D
 Acq On : 30 Oct 2019 3:19
 Operator : JU
 Sample : K5140-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519

Quant Time: Oct 30 09:03:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

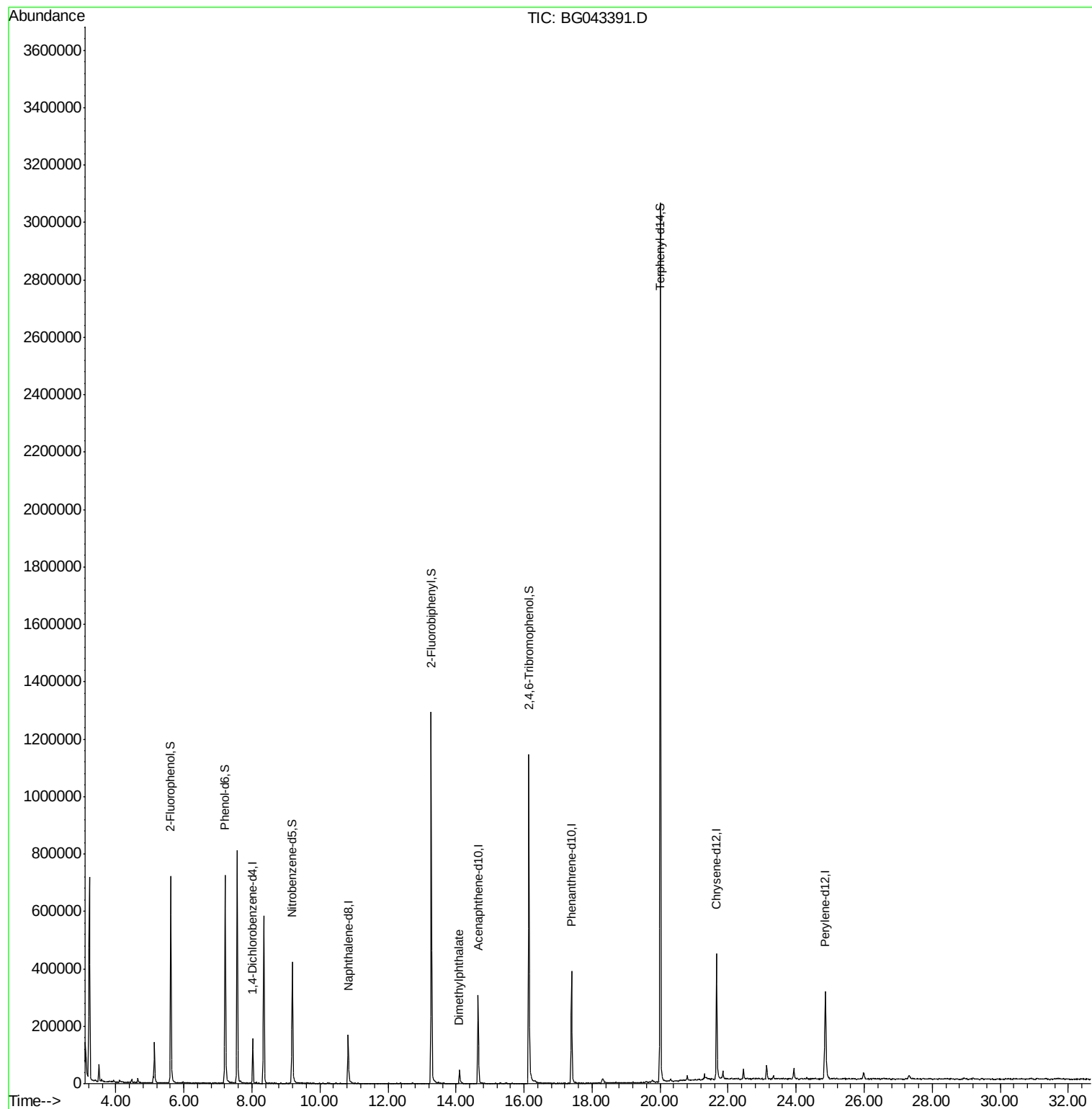
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	45452	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	168532	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	120318	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	270675	20.00	ng	0.00
76) Chrysene-d12	21.66	240	297639	20.00	ng	0.00
87) Perylene-d12	24.86	264	351005	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	331405	133.61	ng	0.01
7) Phenol-d6	7.21	99	450582	126.26	ng	0.01
23) Nitrobenzene-d5	9.19	82	282800	86.51	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	301034	131.48	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	773656	88.85	ng	0.00
79) Terphenyl-d14	20.01	244	1537679	96.92	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	41539	4.457	ng	Qvalue # 95

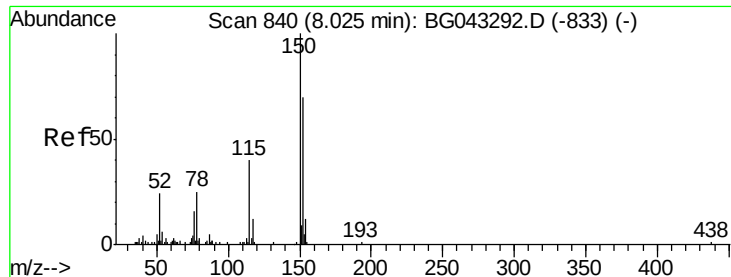
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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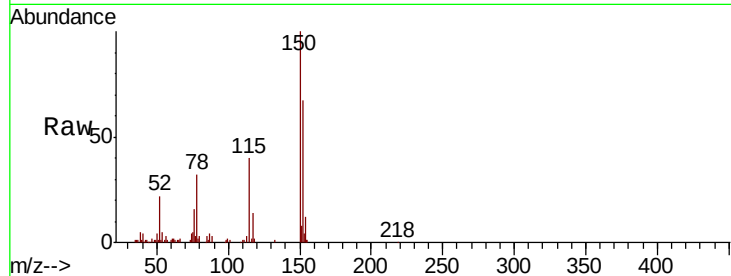


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-102519

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	113.6	170.4
115	59.1	45.9	68.9

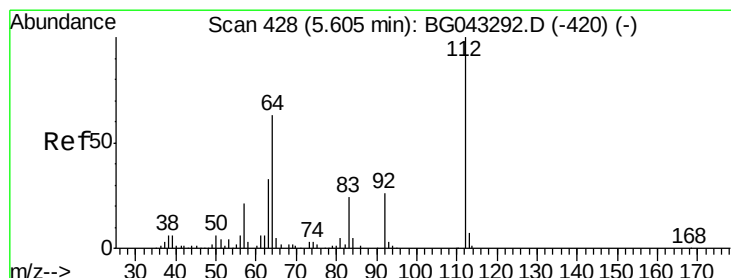
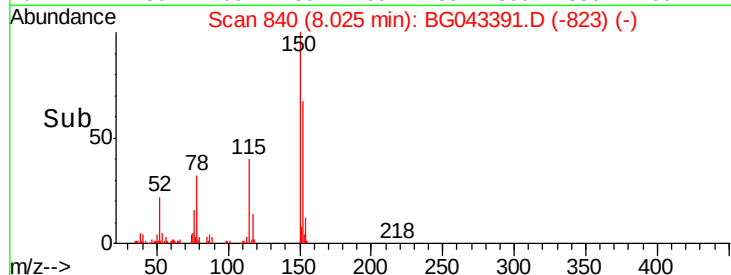
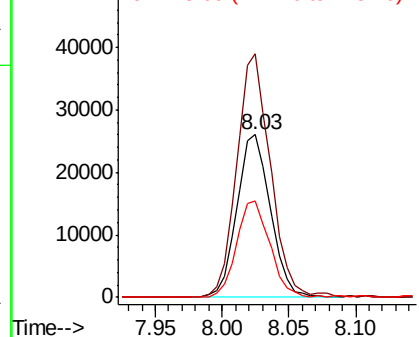


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

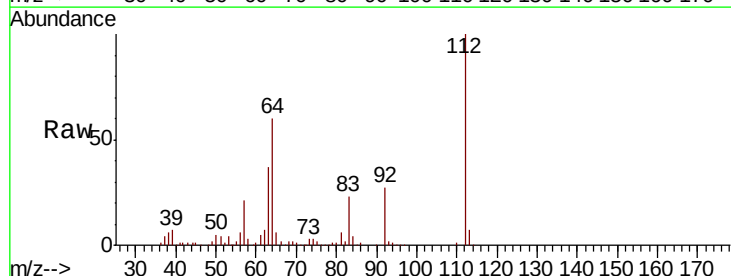
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.610 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	50.2	75.2
63	36.9	26.7	40.1

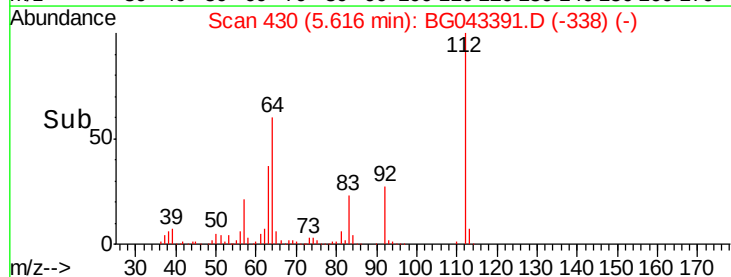
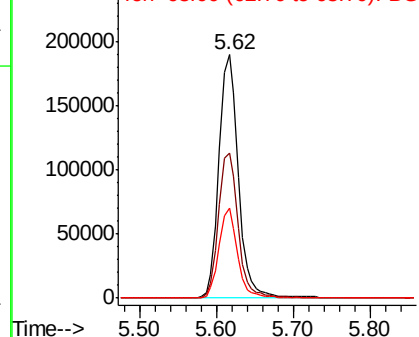


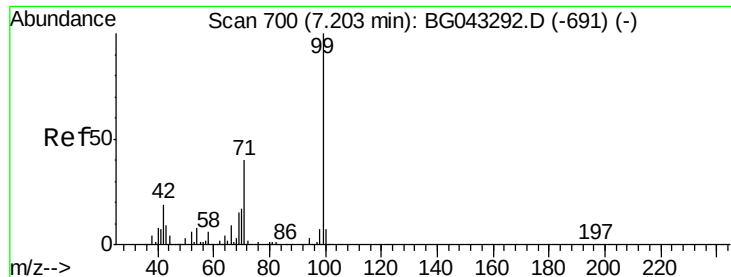
Abundance

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: 126.259 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043391.D

Acq: 30 Oct 2019 3:19

Instrument :

BNA_G

ClientSampleId :

HR-06-102519

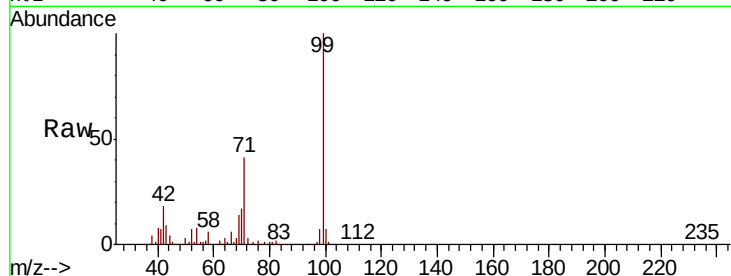
Tot Ion: 99 Resp: 450582

Ion Ratio Lower Upper

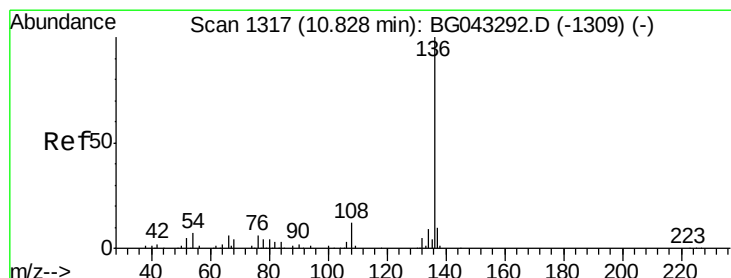
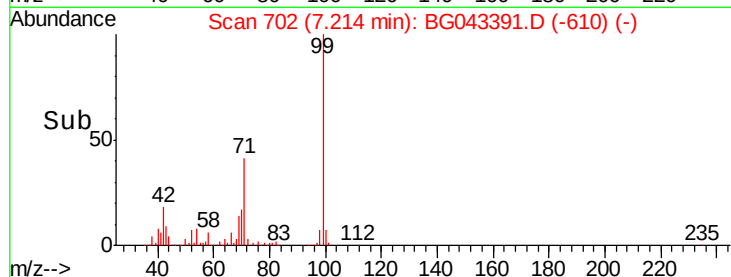
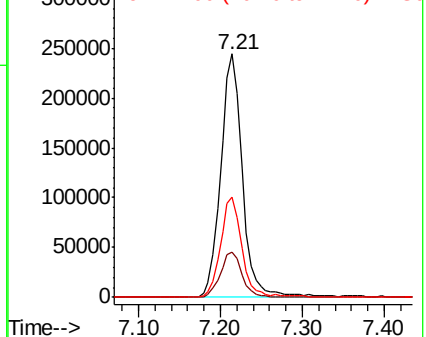
99 100

42 18.4 14.9 22.3

71 41.1 32.2 48.2



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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043391.D

Acq: 30 Oct 2019 3:19

Tgt Ion: 136 Resp: 168532

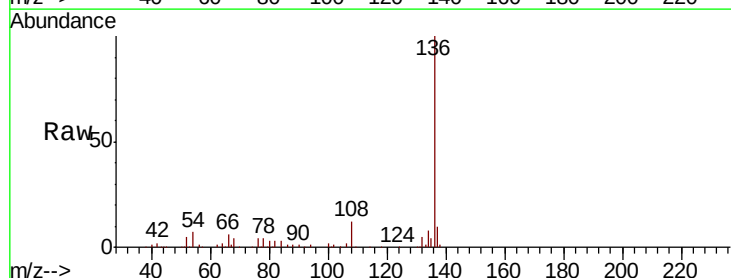
Ion Ratio Lower Upper

136 100

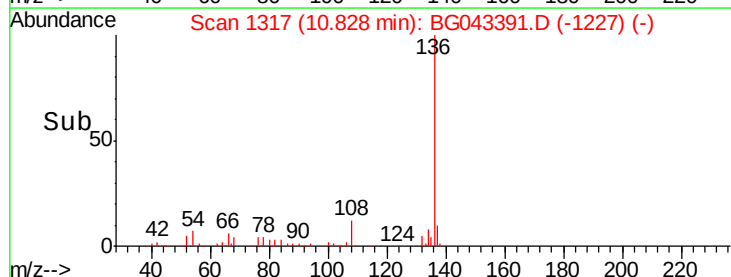
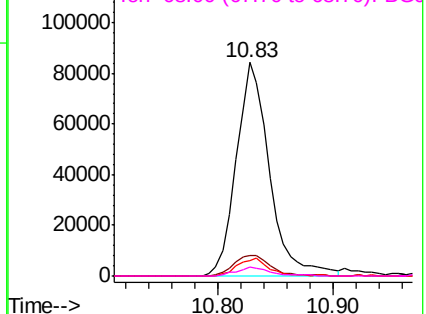
137 9.9 8.2 12.2

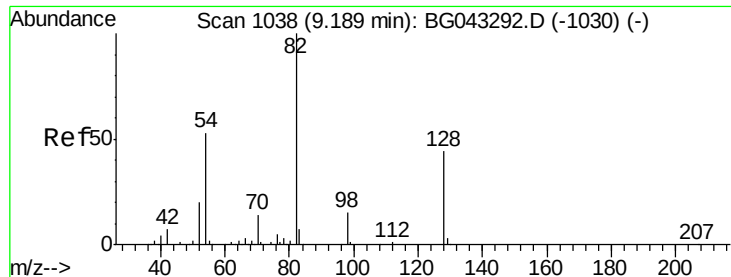
54 7.0 5.4 8.2

68 4.0 3.3 4.9



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

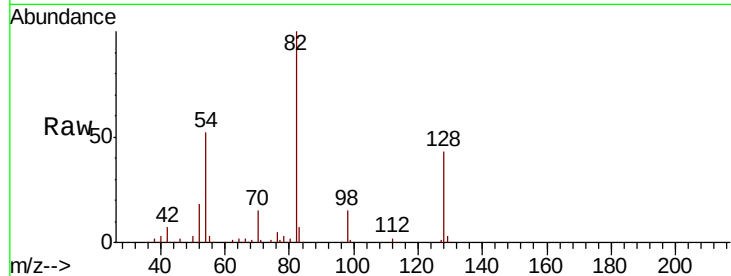




#23
 Nitrobenzene-d5
 Concen: 86.509 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043391.D
 Acq: 30 Oct 2019 3:19

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519

Tot Ion	82	Resp	282800
Ion Ratio	Lower	Upper	
82	100		
128	43.0	35.3	52.9
54	51.9	42.3	63.5

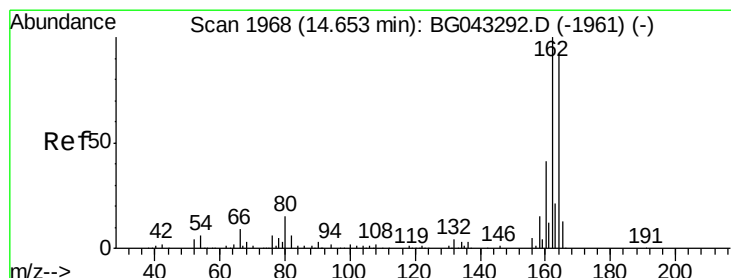
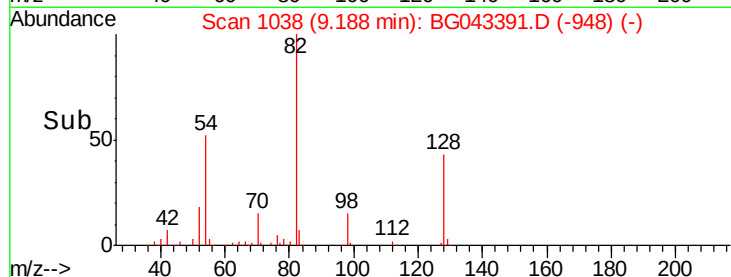
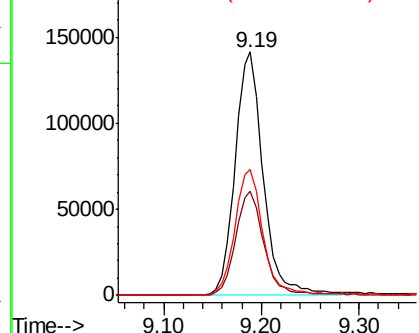


Abundance

Ion 82.00 (81.70 to 82.70): BGC

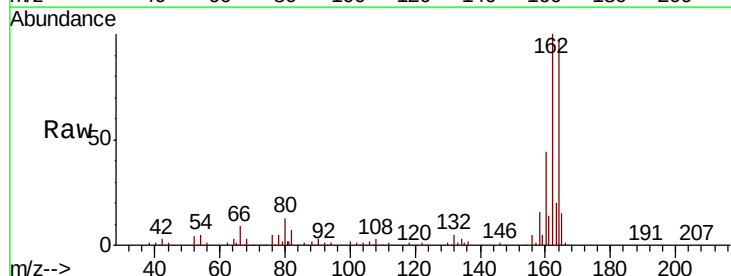
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG043391.D
 Acq: 30 Oct 2019 3:19

Tgt Ion	164	Resp	120318
Ion Ratio	Lower	Upper	
164	100		
162	102.7	87.0	130.4
160	45.6	35.5	53.3

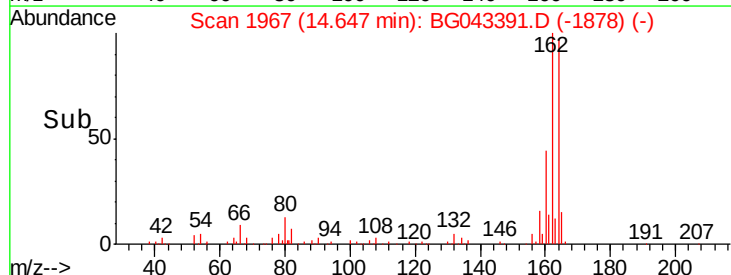
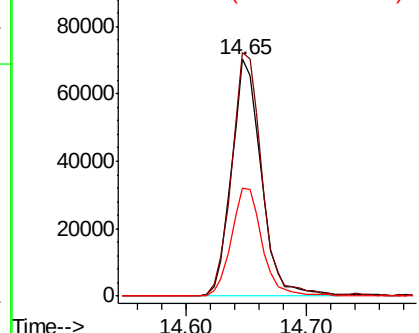


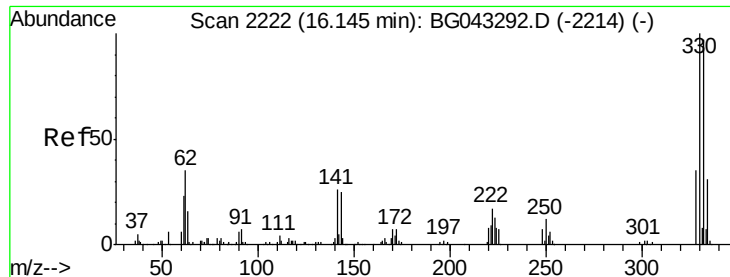
Abundance

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

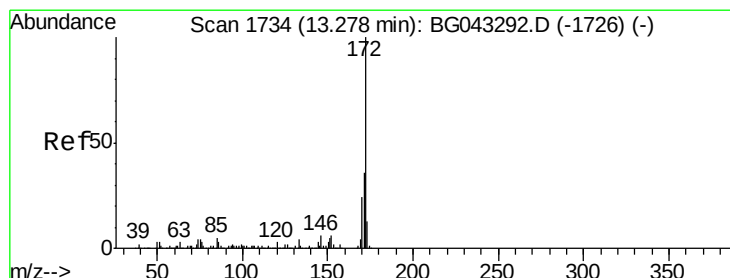
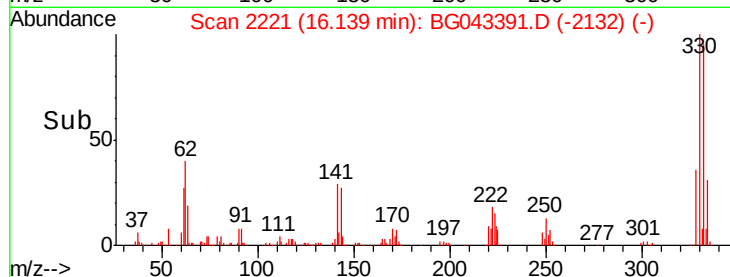
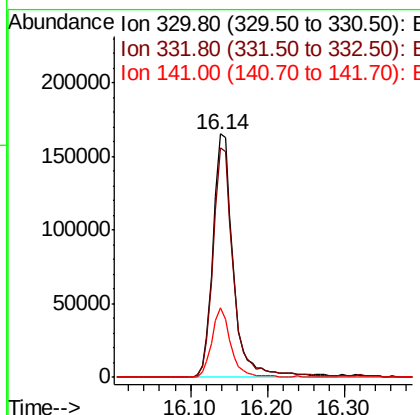
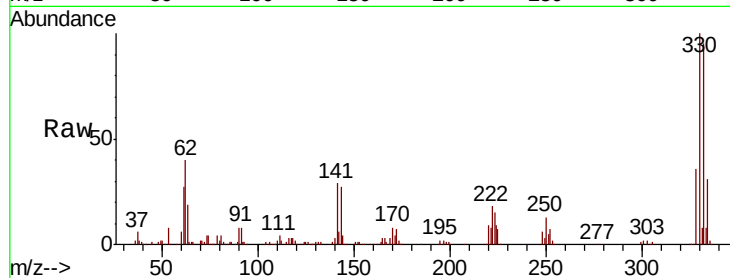




#42
 2,4,6-Tribromophenol
 Concen: 131.476 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043391.D
 Acq: 30 Oct 2019 3:19

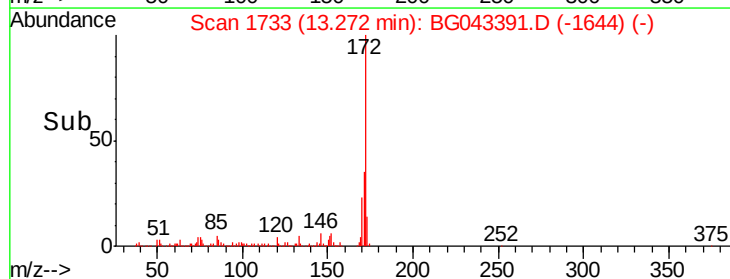
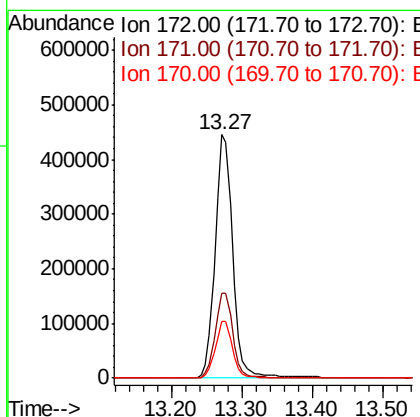
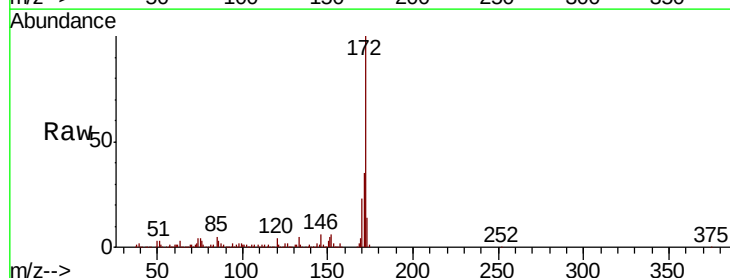
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519

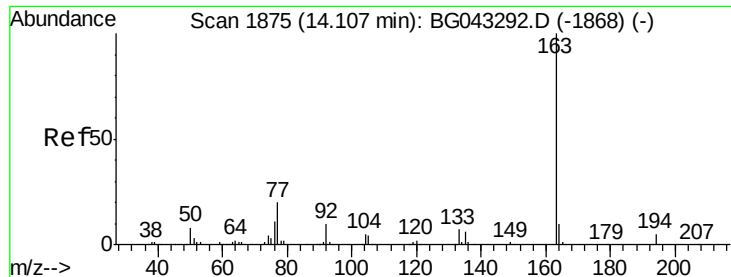
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.4	114.6
141	26.6	21.4	32.0



#45
 2-Fluorobiphenyl
 Concen: 88.851 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043391.D
 Acq: 30 Oct 2019 3:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.3	18.8	28.2





#50

Dimethylphthalate

Concen: 4.457 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG043391.D

Acq: 30 Oct 2019 3:19

Instrument :

BNA_G

ClientSampleId :

HR-06-102519

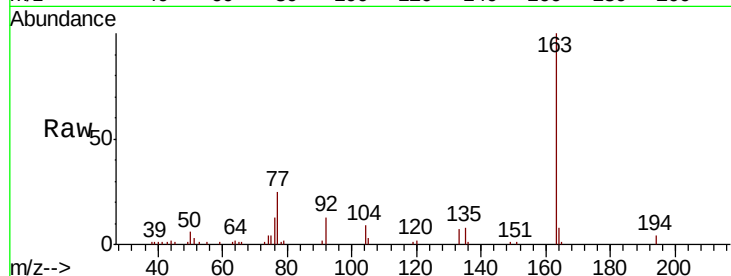
Tot Ion:163 Resp: 41539

Ion Ratio Lower Upper

163 100

194 3.6 3.7 5.5#

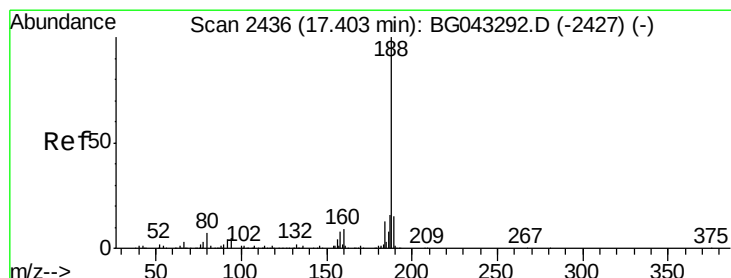
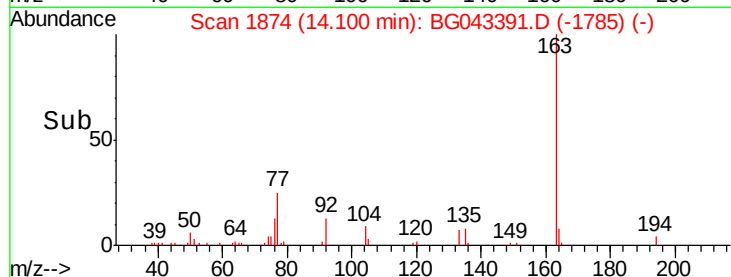
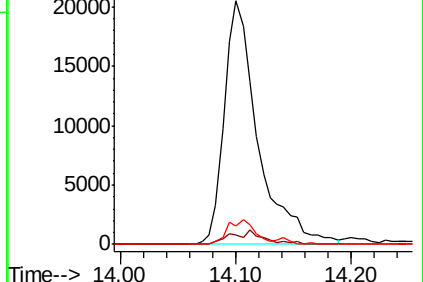
164 7.7 8.1 12.1#



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043391.D

Acq: 30 Oct 2019 3:19

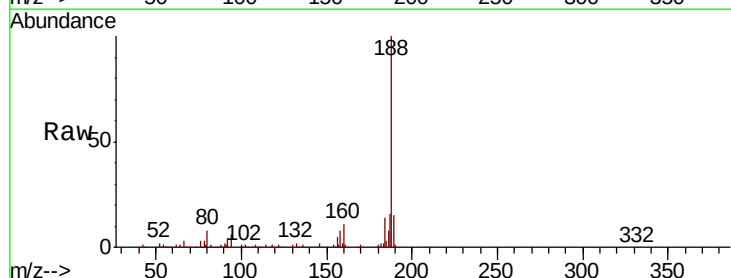
Tgt Ion:188 Resp: 270675

Ion Ratio Lower Upper

188 100

94 6.2 4.2 6.2

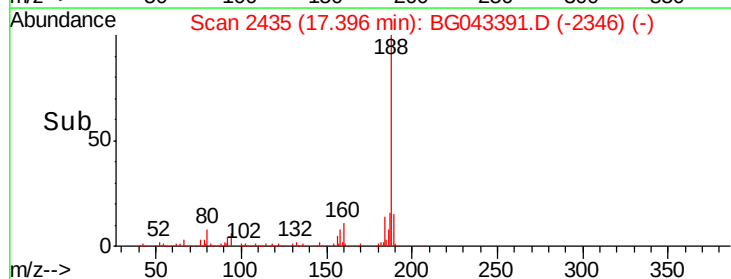
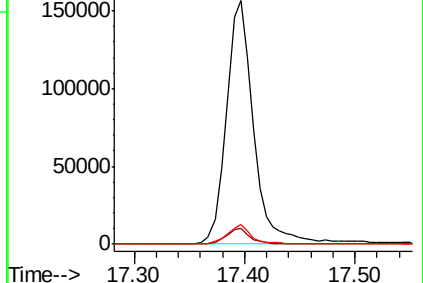
80 7.8 5.2 7.8#

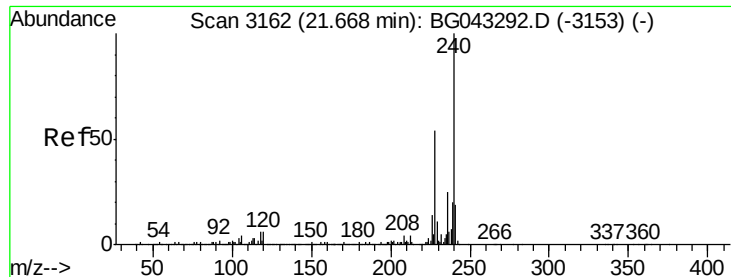


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043391.D

Acq: 30 Oct 2019 3:19

Instrument :

BNA_G

ClientSampleId :

HR-06-102519

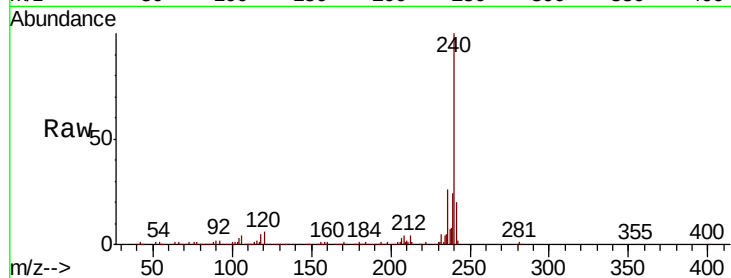
Tot Ion:240 Resp: 297639

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

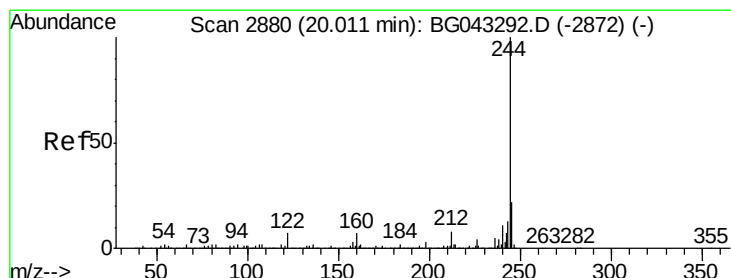
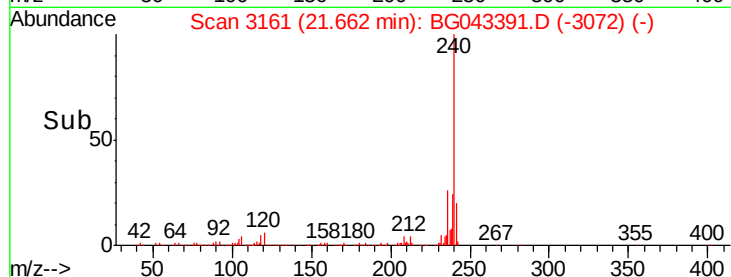
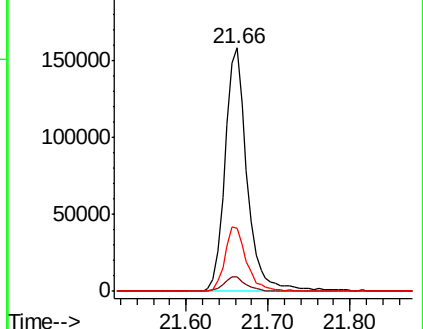
236 25.7 20.2 30.4



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



#79

Terphenyl-d14

Concen: 96.922 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043391.D

Acq: 30 Oct 2019 3:19

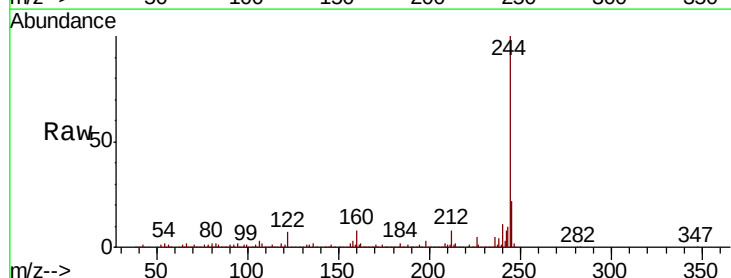
Tgt Ion:244 Resp: 1537679

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

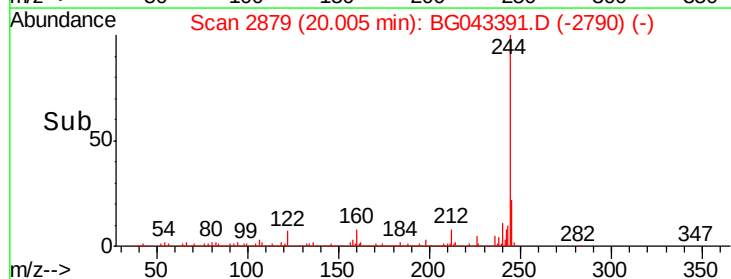
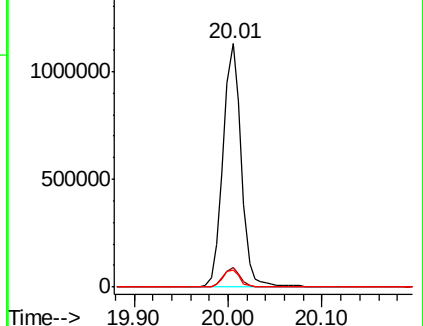
122 7.1 5.3 7.9

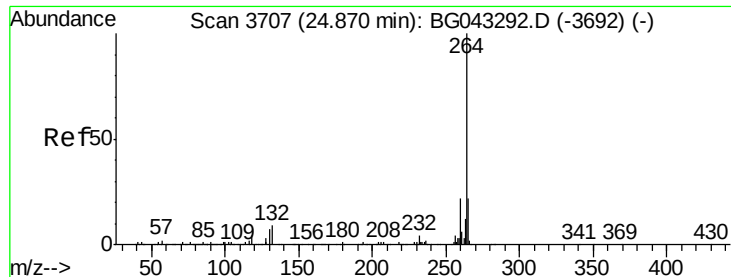


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043391.D

Acq: 30 Oct 2019 3:19

Instrument :

BNA_G

ClientSampleId :

HR-06-102519

Tot Ion:264 Resp: 351005

Ion Ratio Lower Upper

264 100

260 21.6 17.9 26.9

265 21.3 17.4 26.2

