

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043504.D
 Acq On : 5 Nov 2019 12:41
 Operator : JU
 Sample : PB124540BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124540BL

Quant Time: Nov 06 02:08:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	33368	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	120184	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	88332	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	236427	20.00	ng	0.00
76) Chrysene-d12	21.66	240	278865	20.00	ng	0.00
87) Perylene-d12	24.85	264	330650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	148181	81.38	ng	0.00
7) Phenol-d6	7.20	99	126273	48.20	ng	0.00
23) Nitrobenzene-d5	9.18	82	175907	75.46	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	196349	116.81	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	464374	72.64	ng	0.00
79) Terphenyl-d14	20.00	244	1236286	83.17	ng	0.00

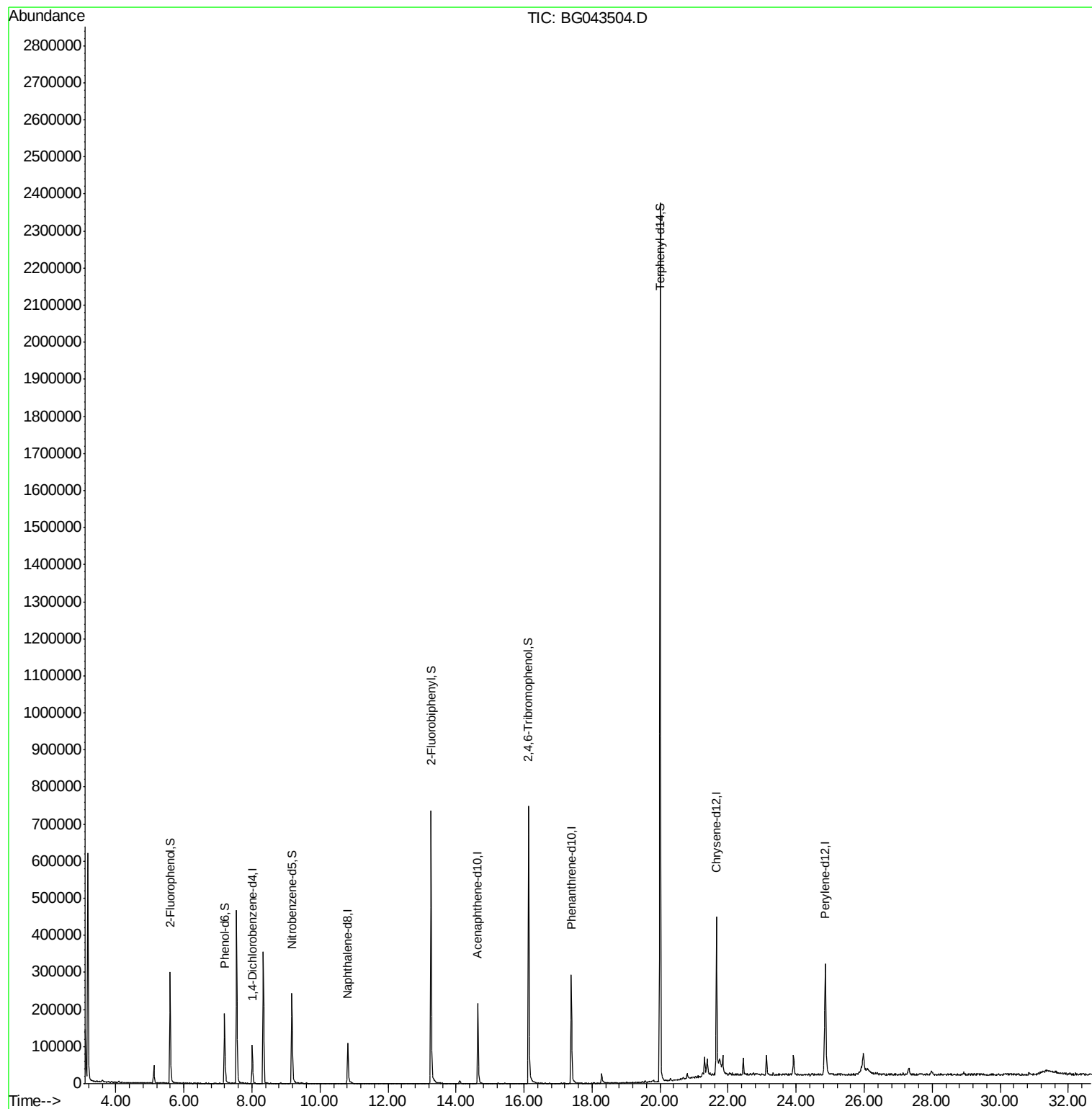
Target Compounds Qvalue

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

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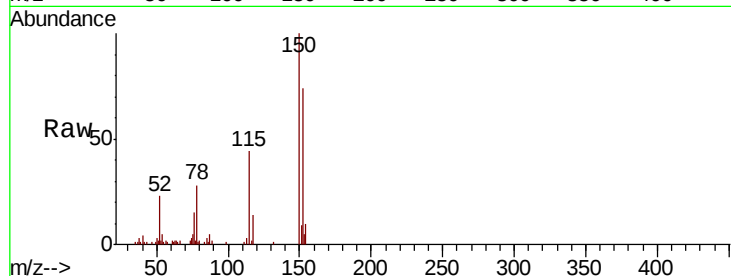


#1

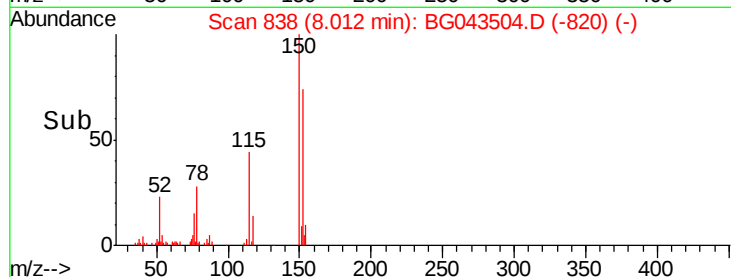
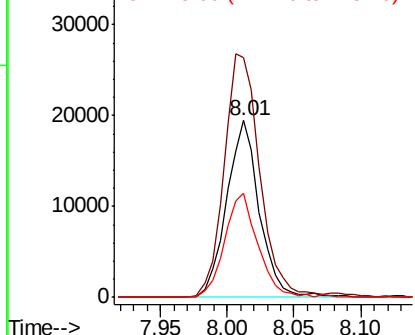
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043504.D
Acq: 5 Nov 2019 12:41

Instrument :
BNA_G
ClientSampleId :
PB124540BL

Tot Ion:152 Resp: 33368
Ion Ratio Lower Upper
152 100
150 135.9 129.4 194.0
115 59.2 48.8 73.2



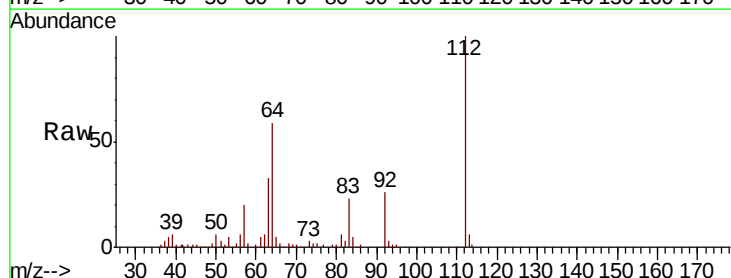
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



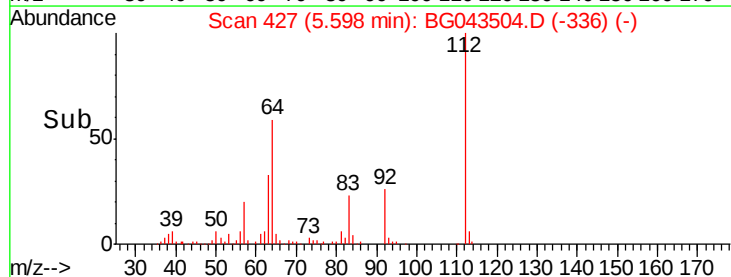
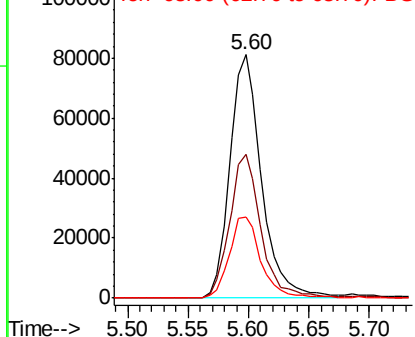
#5

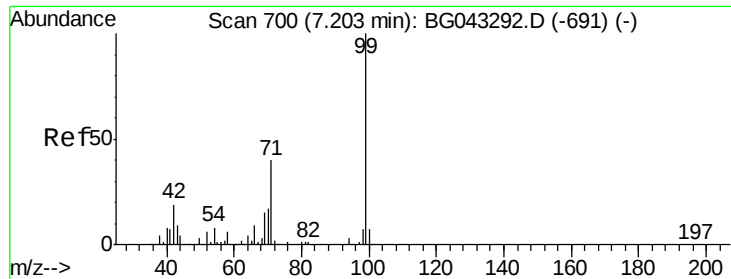
2-Fluorophenol
Concen: 81.376 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043504.D
Acq: 5 Nov 2019 12:41

Tgt Ion:112 Resp: 148181
Ion Ratio Lower Upper
112 100
64 59.1 50.0 75.0
63 33.3 26.6 40.0



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: 48.197 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043504.D

Acq: 5 Nov 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB124540BL

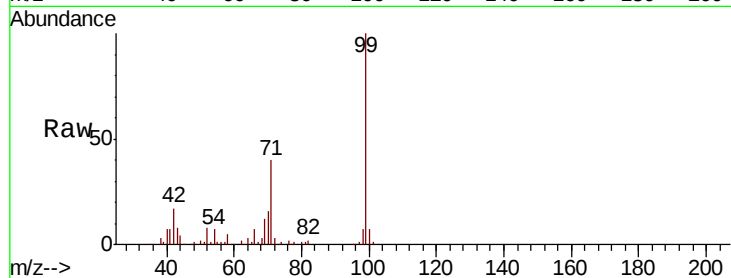
Tot Ion: 99 Resp: 126273

Ion Ratio Lower Upper

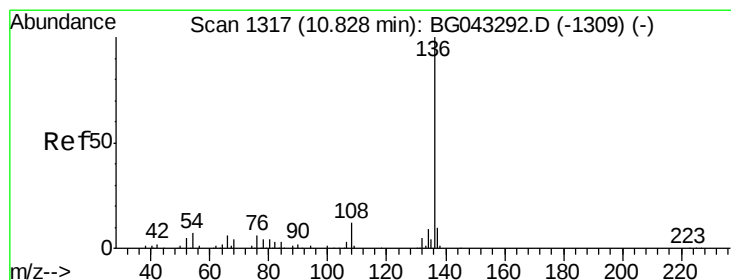
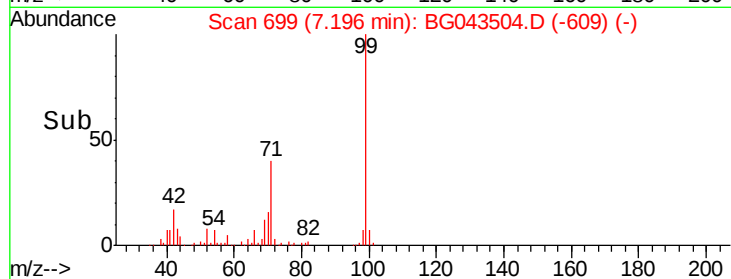
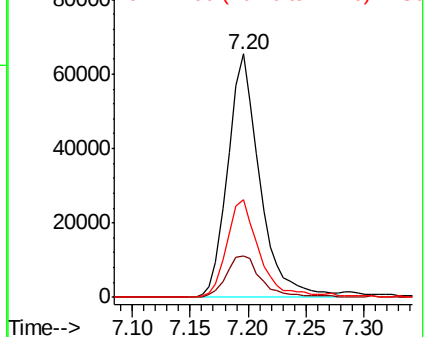
99 100

42 17.3 14.6 21.8

71 40.2 32.5 48.7



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: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043504.D

Acq: 5 Nov 2019 12:41

Tgt Ion: 136 Resp: 120184

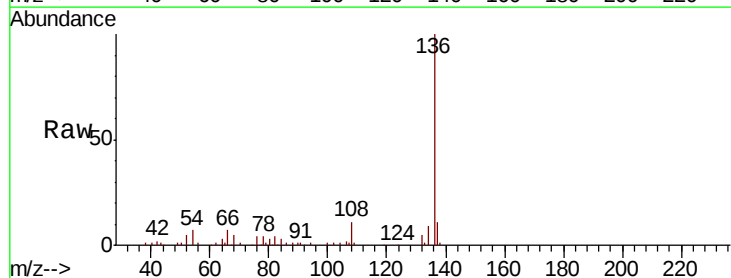
Ion Ratio Lower Upper

136 100

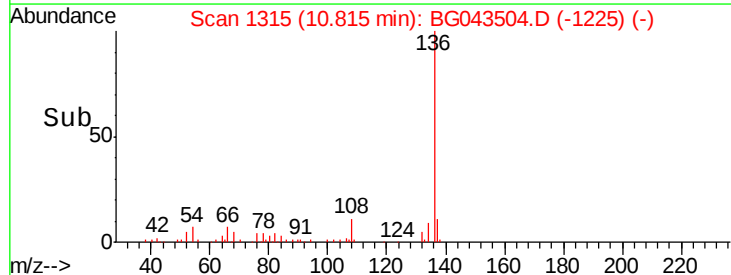
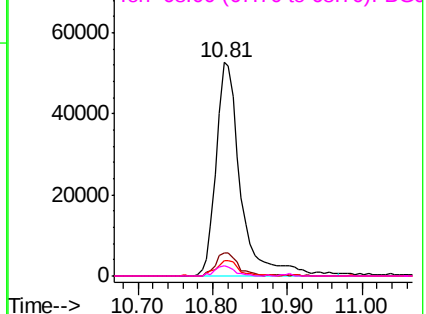
137 10.9 8.7 13.1

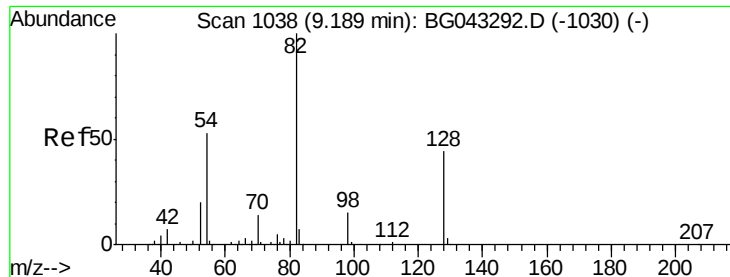
54 7.2 5.4 8.2

68 4.6 3.0 4.4#



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

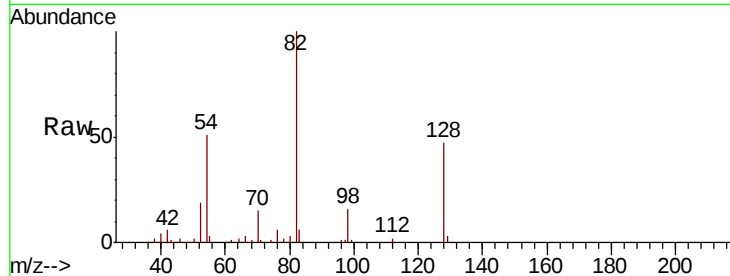




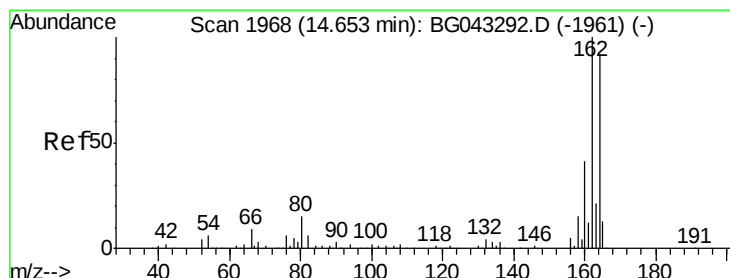
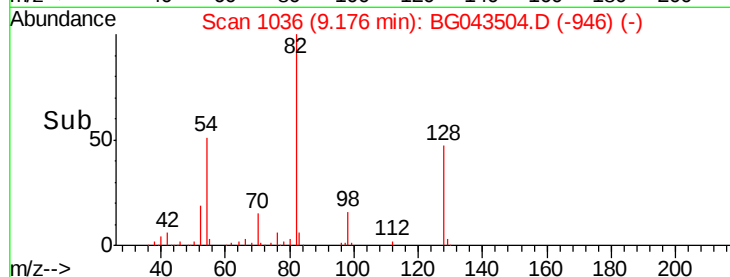
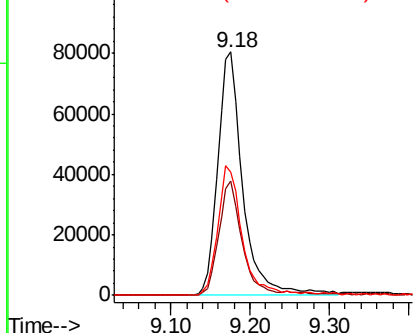
#23
Nitrobenzene-d5
Concen: 75.458 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043504.D
Acq: 5 Nov 2019 12:41

Instrument :
BNA_G
ClientSampleId :
PB124540BL

Tot Ion	82	Resp	175907
Ion Ratio	Lower	Upper	
82	100		
128	46.8	35.0	52.6
54	50.6	40.2	60.2

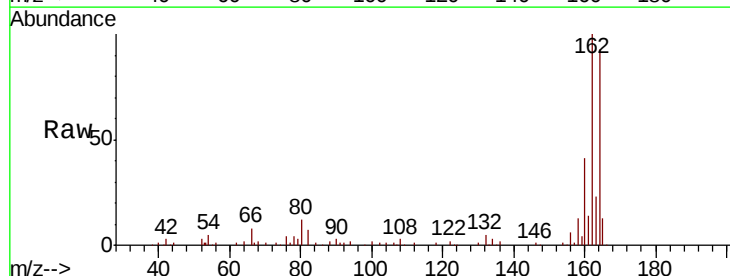


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

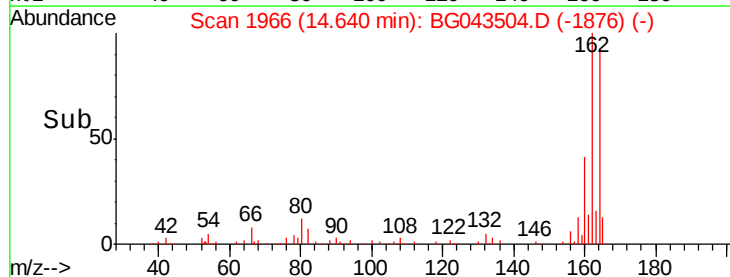
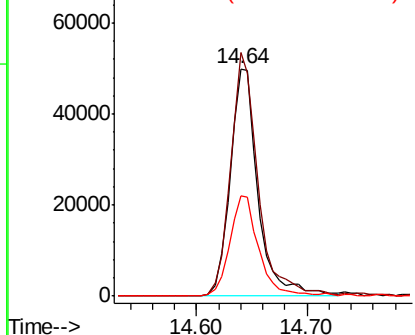


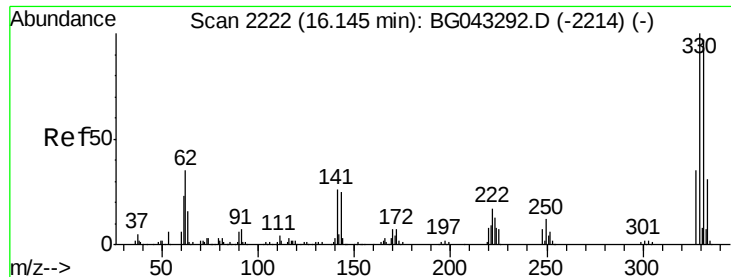
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043504.D
Acq: 5 Nov 2019 12:41

Tgt Ion	164	Resp	88332
Ion Ratio	Lower	Upper	
164	100		
162	107.0	83.5	125.3
160	44.3	36.5	54.7



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

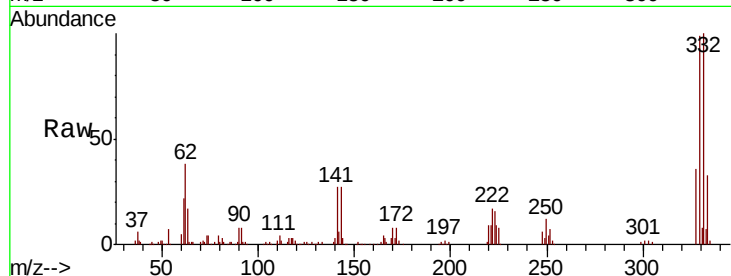




#42
 2,4,6-Tribromophenol
 Concen: 116.808 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043504.D
 Acq: 5 Nov 2019 12:41

Instrument :
 BNA_G
 ClientSampleId :
 PB124540BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.4	116.0
141	27.4	22.8	34.2

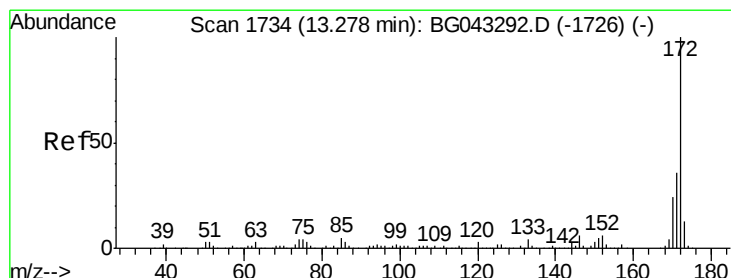
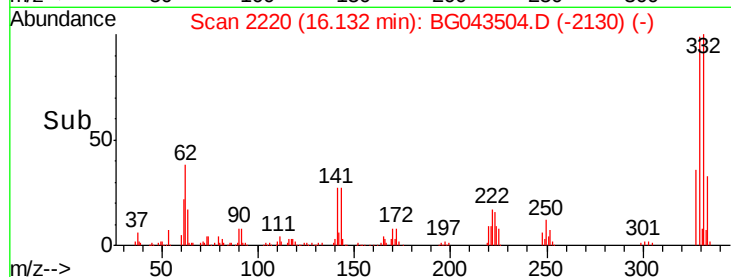
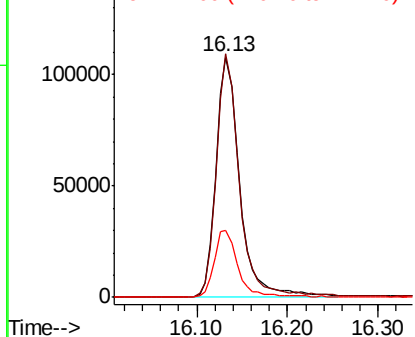


Abundance

Ion 329.80 (329.50 to 330.50): E

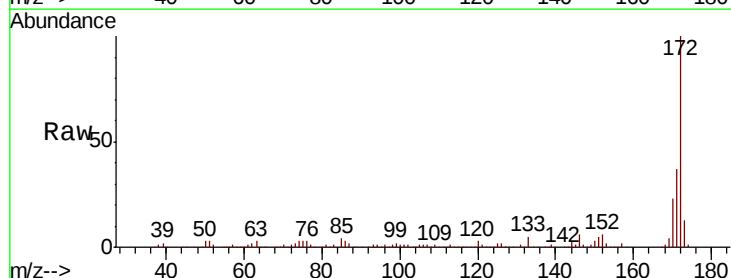
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.643 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043504.D
 Acq: 5 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	22.7	18.5	27.7

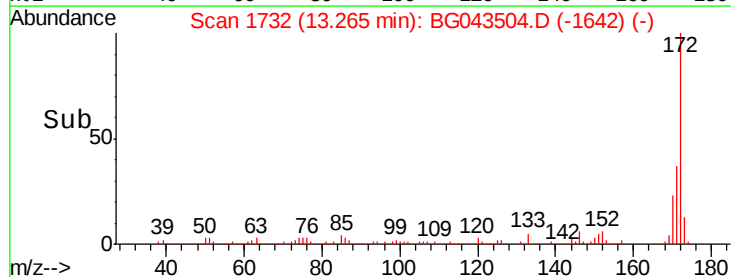
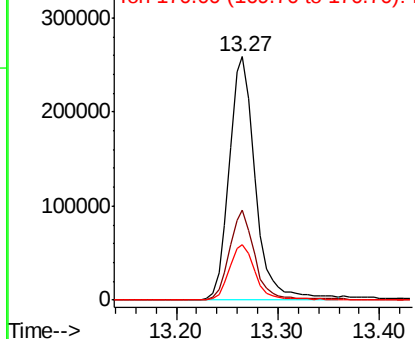


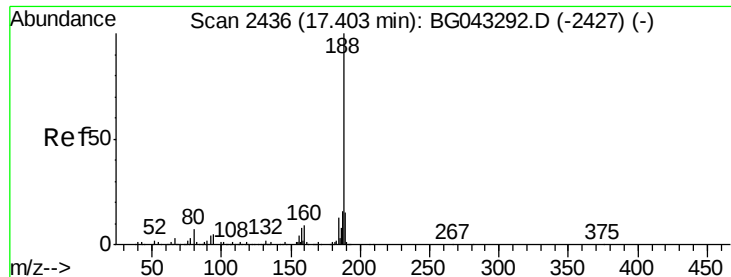
Abundance

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

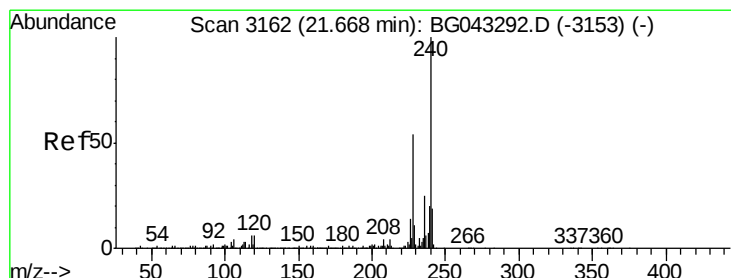
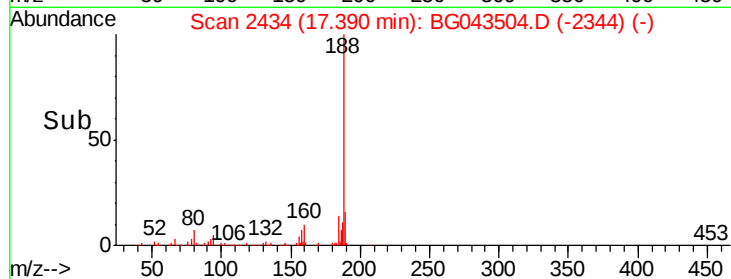
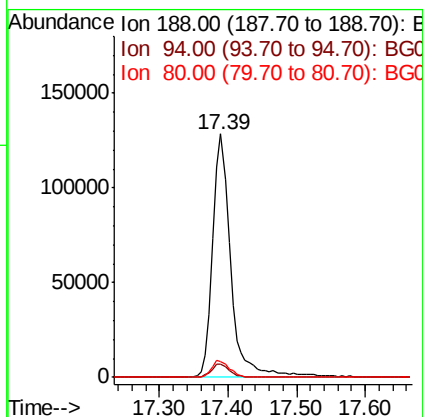
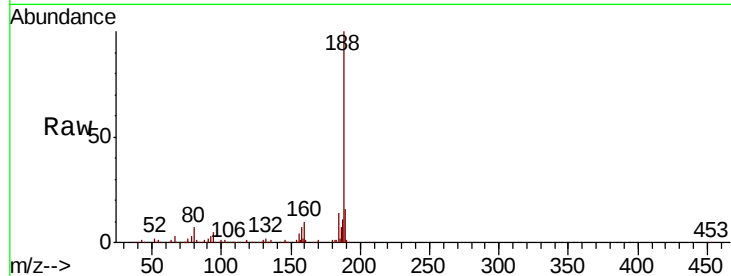




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043504.D
Acq: 5 Nov 2019 12:41

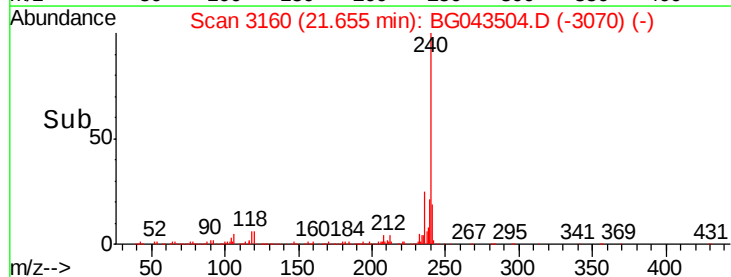
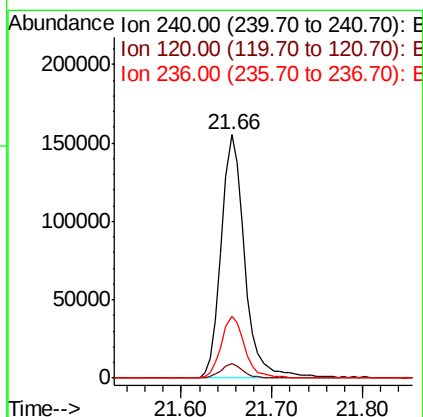
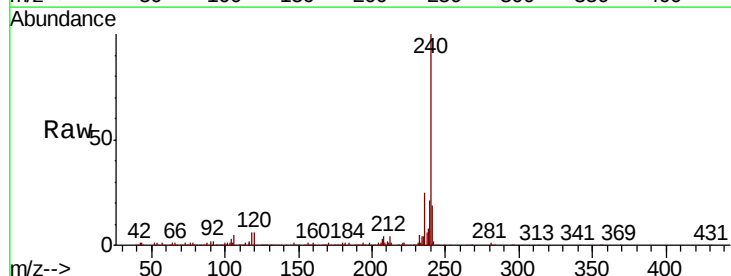
Instrument :
BNA_G
ClientSampleId :
PB124540BL

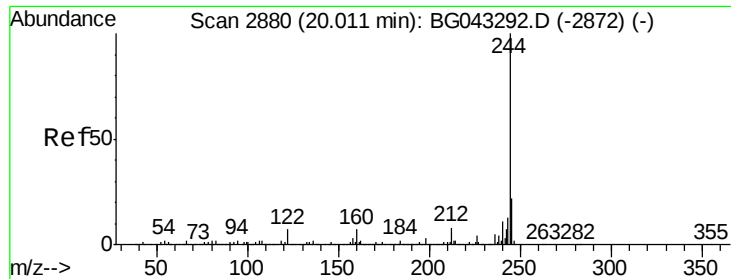
Tot Ion:188 Resp: 236427
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.4
80 6.7 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043504.D
Acq: 5 Nov 2019 12:41

Tgt Ion:240 Resp: 278865
Ion Ratio Lower Upper
240 100
120 5.8 4.6 6.8
236 25.2 19.8 29.8





#79

Terphenyl-d14

Concen: 83.171 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043504.D

Acq: 5 Nov 2019 12:41

Instrument :

BNA_G

ClientSampleId :

PB124540BL

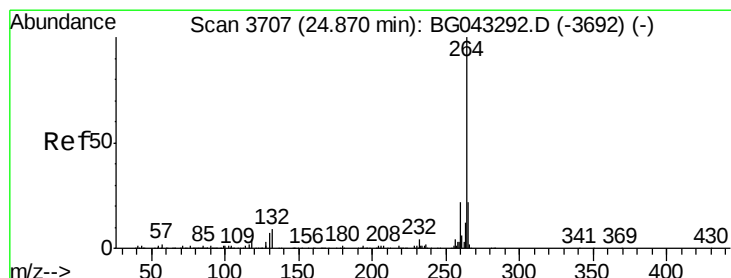
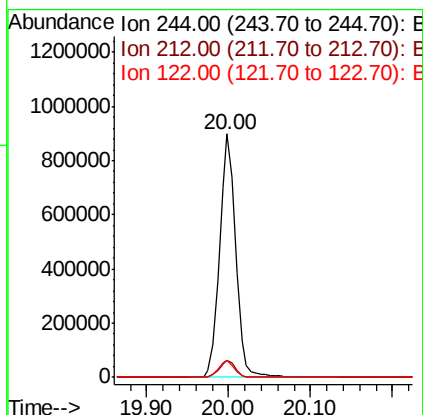
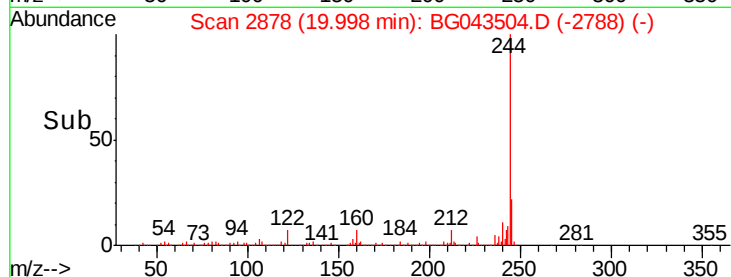
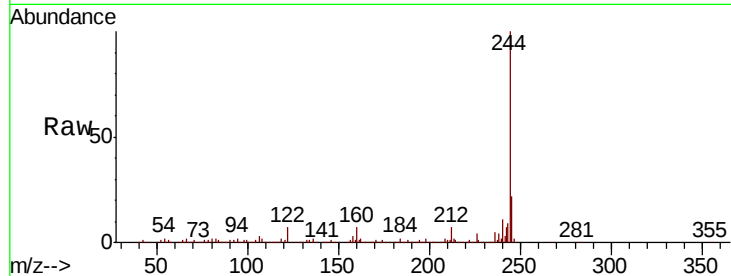
Tot Ion:244 Resp: 1236286

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 7.2 5.4 8.2



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043504.D

Acq: 5 Nov 2019 12:41

Tgt Ion:264 Resp: 330650

Ion Ratio Lower Upper

264 100

260 21.7 17.5 26.3

265 20.8 17.4 26.0

