

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043236.D
 Acq On : 16 Oct 2019 4:17
 Operator : JU
 Sample : K5148-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119

Quant Time: Oct 16 08:20:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58800	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	216284	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	148192	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	307785	20.00	ng	0.00
76) Chrysene-d12	21.70	240	329660	20.00	ng	0.00
87) Perylene-d12	24.92	264	387705	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	434550	131.89	ng	0.00
7) Phenol-d6	7.23	99	604216	127.34	ng	0.00
23) Nitrobenzene-d5	9.21	82	387975	87.19	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	346407	135.94	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1033747	101.13	ng	0.00
79) Terphenyl-d14	20.04	244	1685122	108.92	ng	0.00

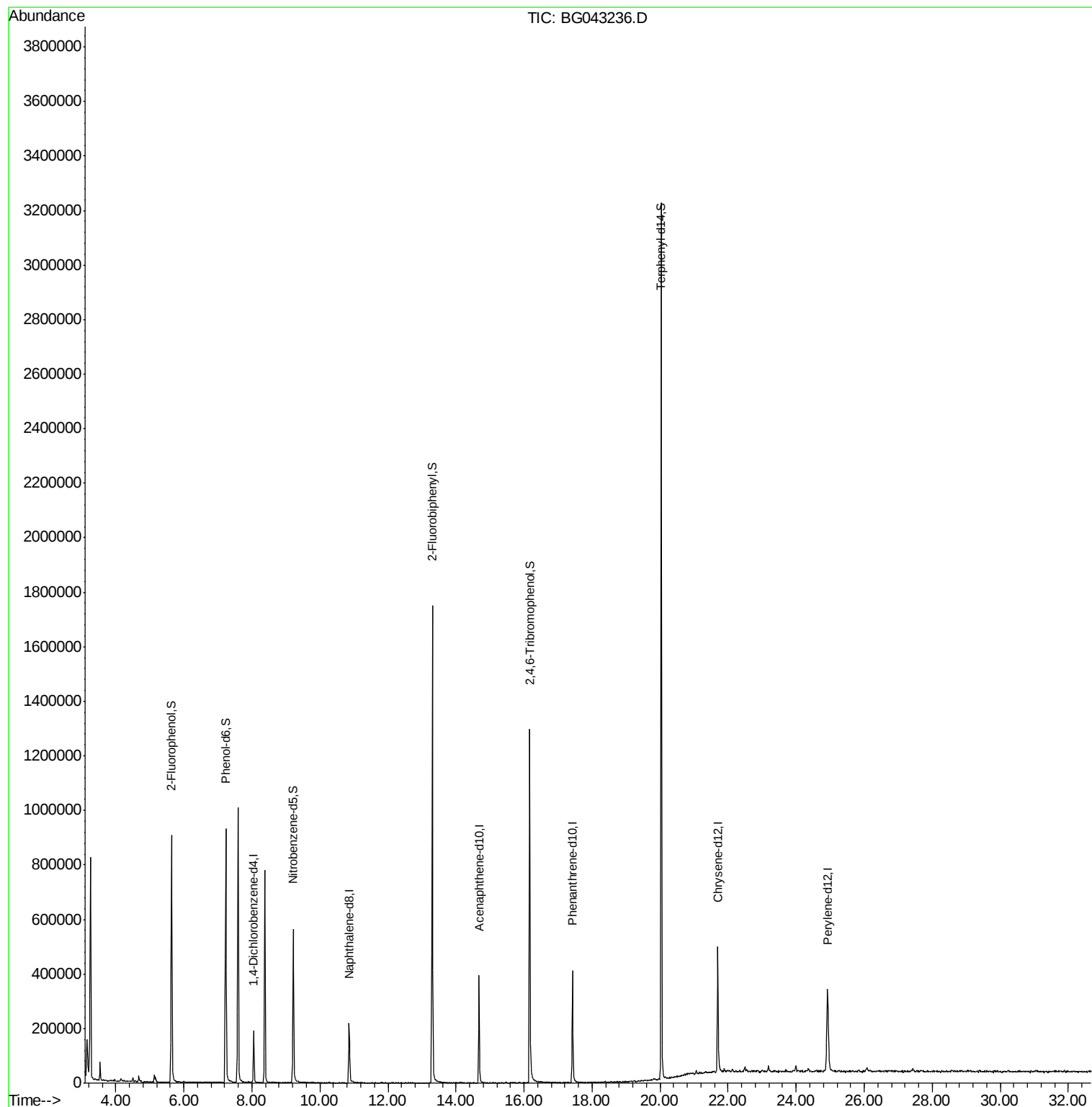
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043236.D
Acq On : 16 Oct 2019 4:17
Operator : JU
Sample : K5148-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-101119

Quant Time: Oct 16 08:20:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration



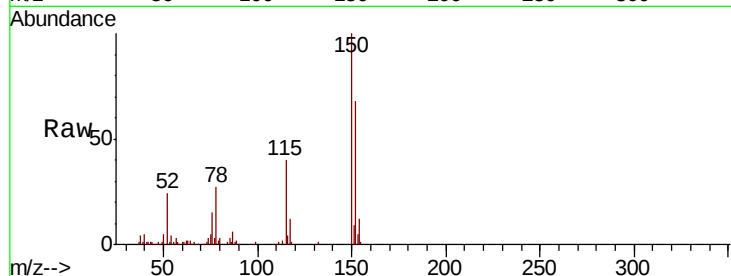


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Instrument :
BNA_G
ClientSampleId :
OR-03-101119

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	115.0	172.4
115	58.9	47.0	70.6

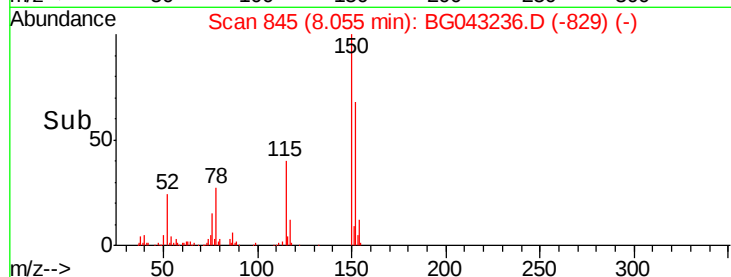
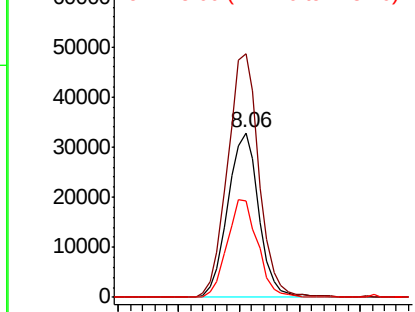


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

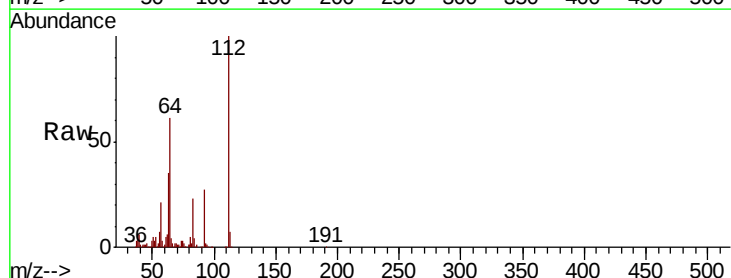
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.889 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	56.6	84.8
63	34.9	35.1	52.7

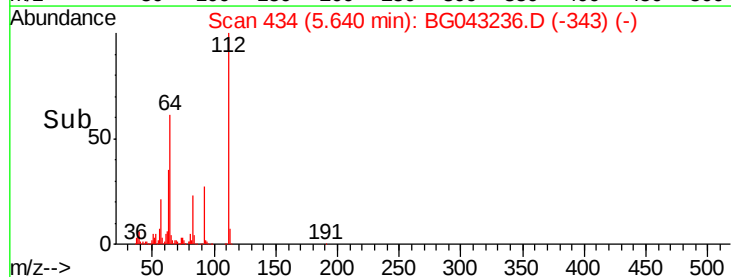
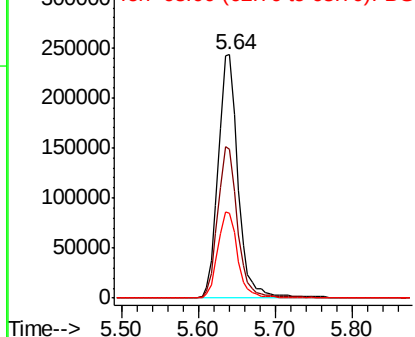


Abundance

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: 127.345 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043236.D

Acq: 16 Oct 2019 4:17

Instrument :

BNA_G

ClientSampleId :

OR-03-101119

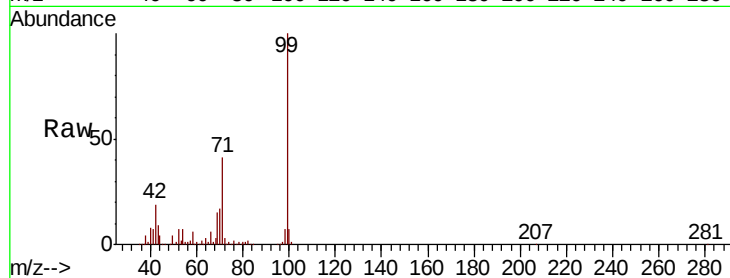
Tot Ion: 99 Resp: 604216

Ion Ratio Lower Upper

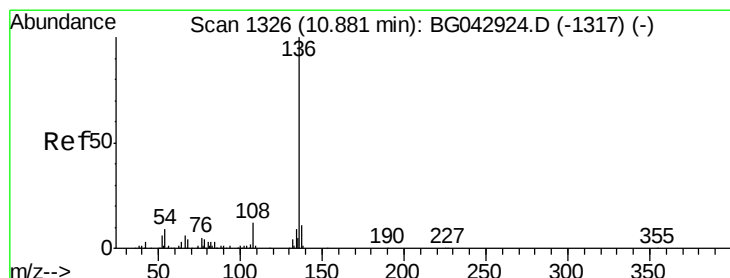
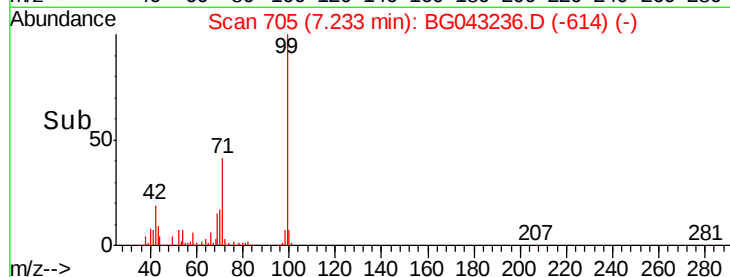
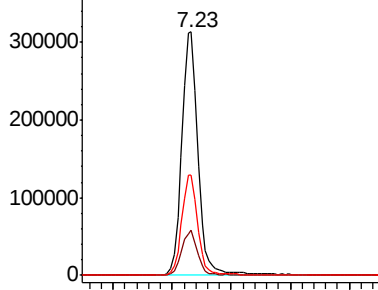
99 100

42 18.8 17.2 25.8

71 41.0 33.1 49.7



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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG043236.D

Acq: 16 Oct 2019 4:17

Tgt Ion: 136 Resp: 216284

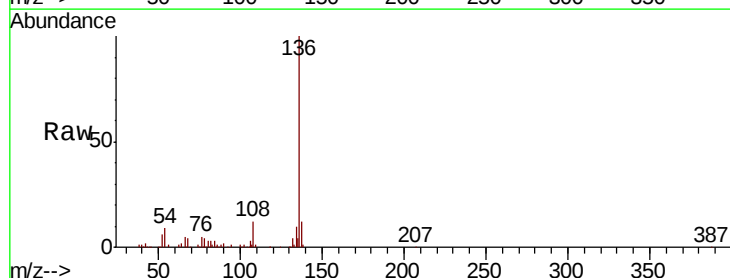
Ion Ratio Lower Upper

136 100

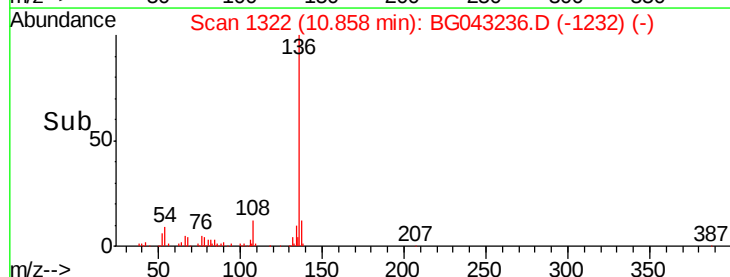
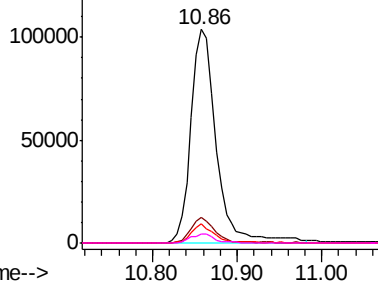
137 11.8 8.5 12.7

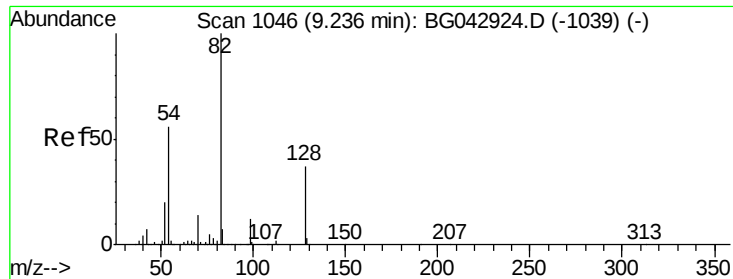
54 9.1 7.4 11.2

68 4.2 3.6 5.4



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

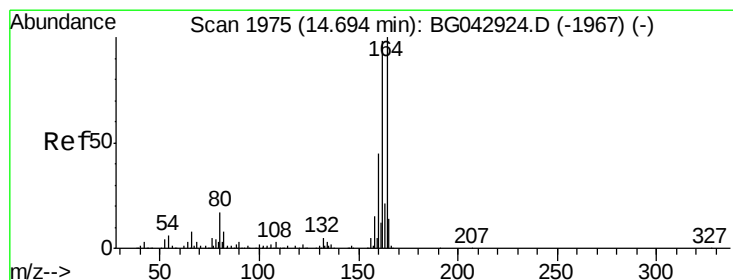
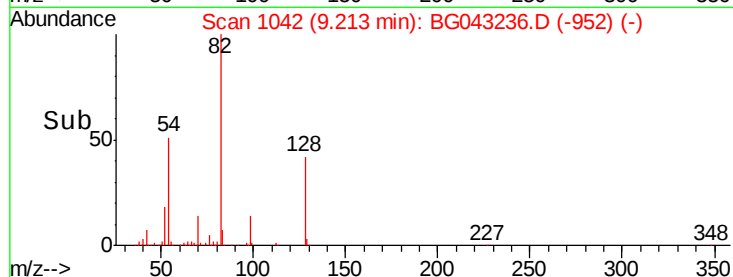
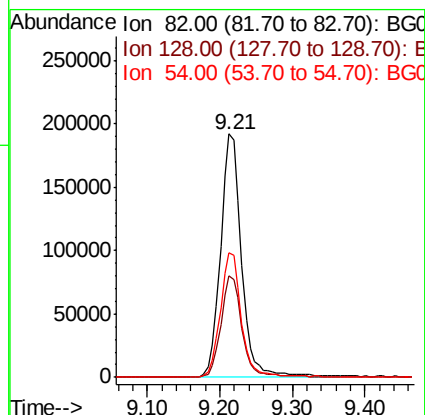
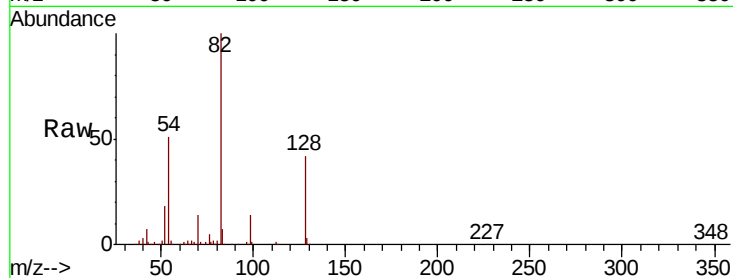




#23
Nitrobenzene-d5
Concen: 87.189 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

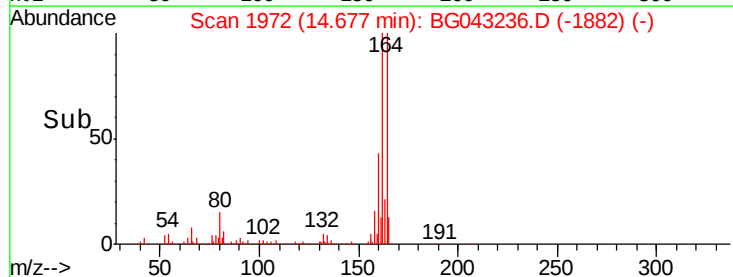
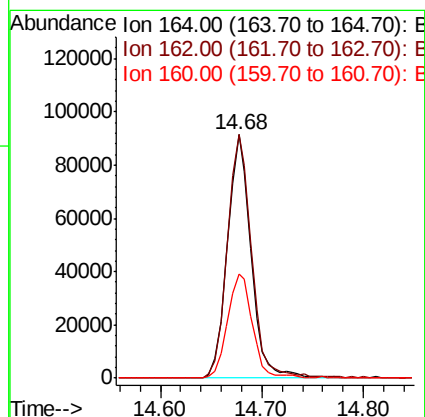
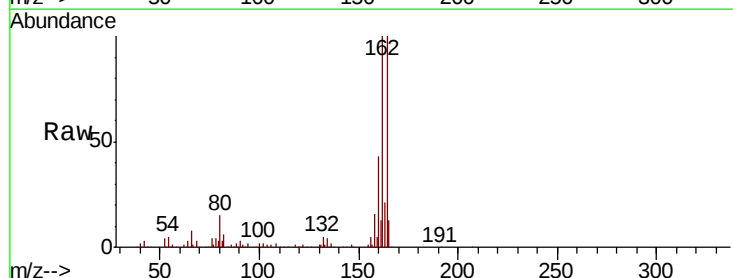
Instrument :
BNA_G
ClientSampleId :
OR-03-101119

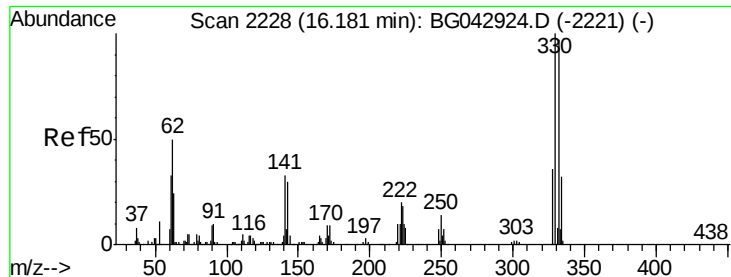
Tot Ion	82	Resp	387975
Ion Ratio	Lower	Upper	
82	100		
128	41.9	29.5	44.3
54	51.4	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG043236.D
Acq: 16 Oct 2019 4:17

Tgt Ion	164	Resp	148192
Ion Ratio	Lower	Upper	
164	100		
162	100.1	78.5	117.7
160	42.9	35.9	53.9

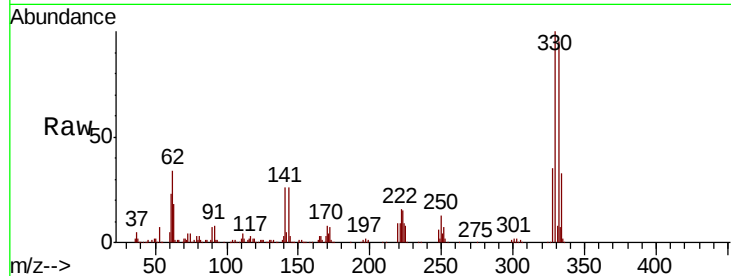




#42
 2,4,6-Tribromophenol
 Concen: 135.939 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG043236.D
 Acq: 16 Oct 2019 4:17

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	27.7	26.0	39.0

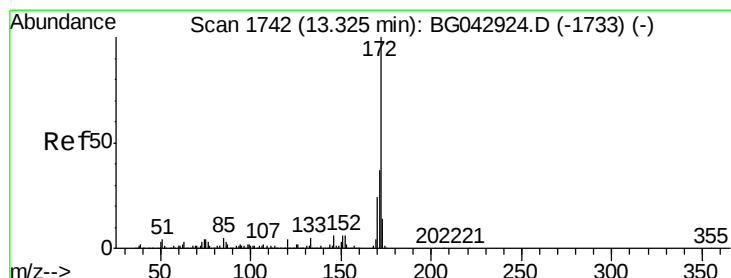
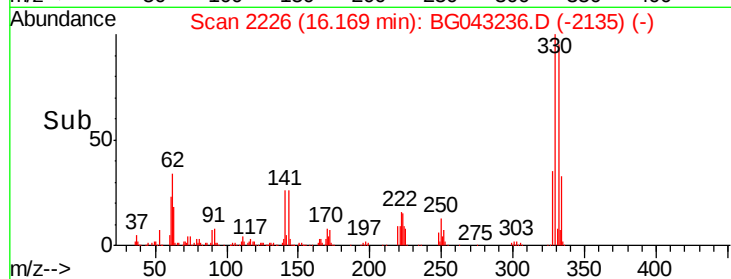
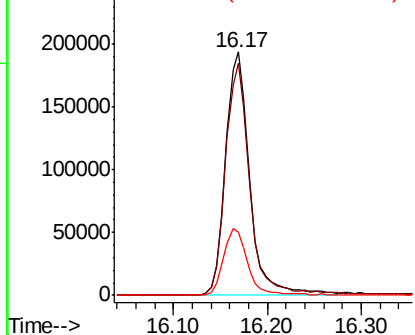


Abundance

Ion 329.80 (329.50 to 330.50): E

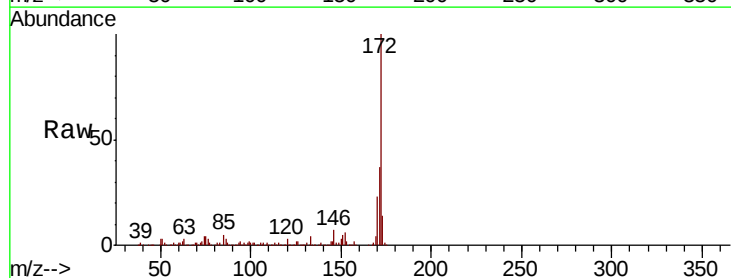
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 101.127 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG043236.D
 Acq: 16 Oct 2019 4:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.4	19.6	29.4

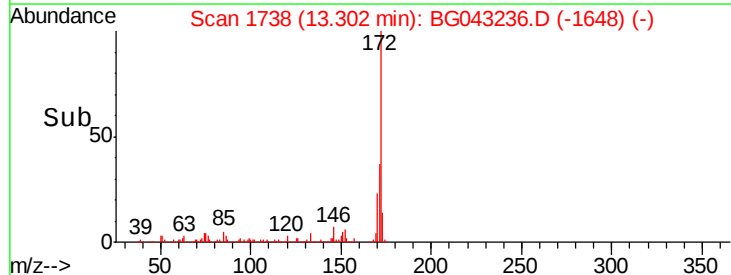
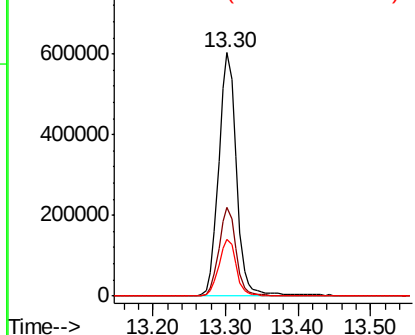


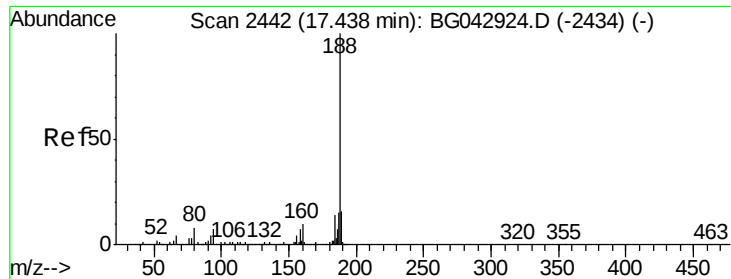
Abundance

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: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG043236.D

Acq: 16 Oct 2019 4:17

Instrument :

BNA_G

ClientSampleId :

OR-03-101119

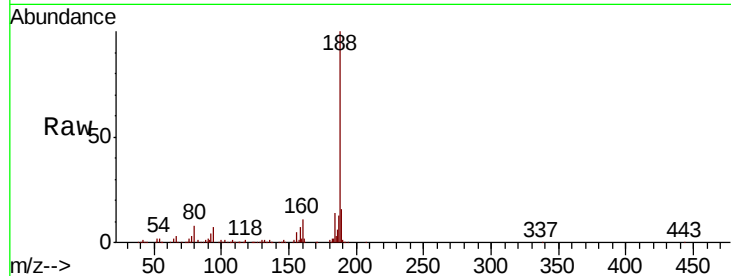
Tot Ion:188 Resp: 307785

Ion Ratio Lower Upper

188 100

94 6.6 5.7 8.5

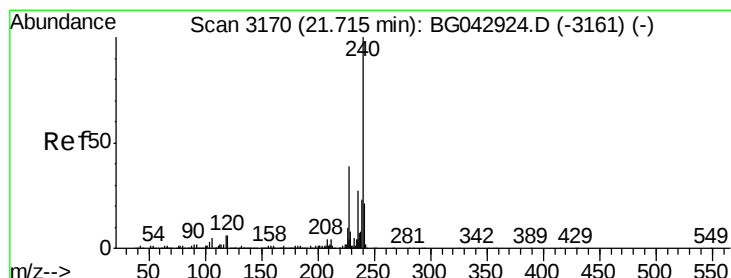
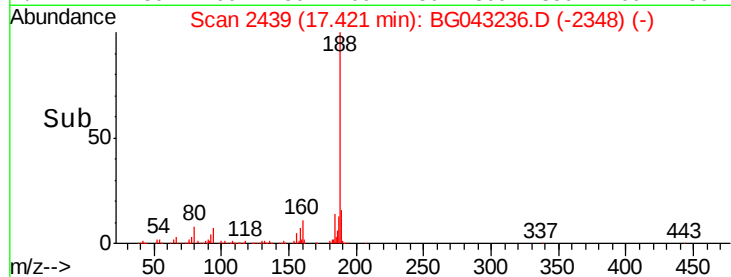
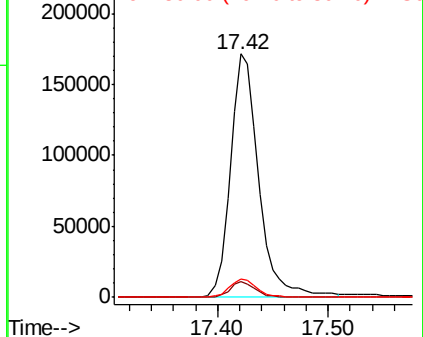
80 7.6 6.5 9.7



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: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG043236.D

Acq: 16 Oct 2019 4:17

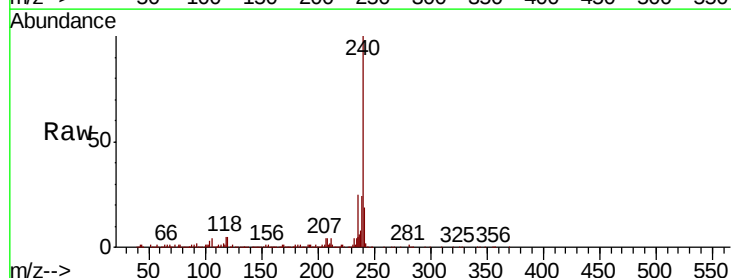
Tgt Ion:240 Resp: 329660

Ion Ratio Lower Upper

240 100

120 5.4 4.8 7.2

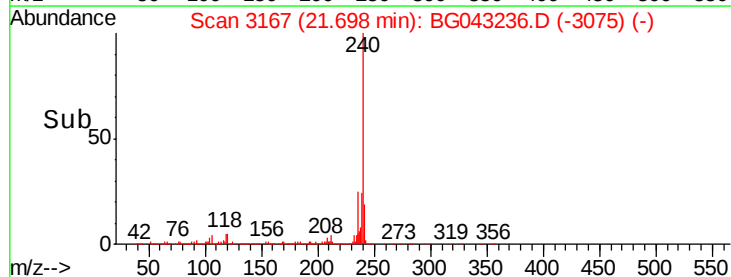
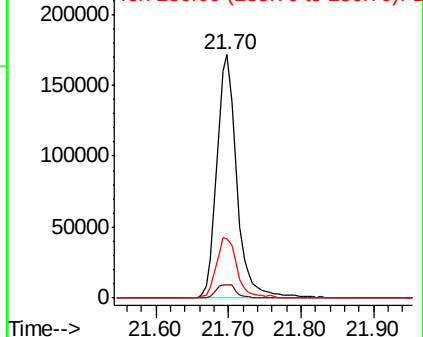
236 24.5 21.4 32.0

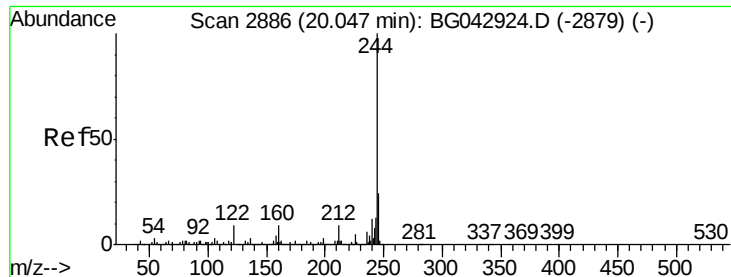


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.924 ng

RT: 20.04 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043236.D

Acq: 16 Oct 2019 4:17

Instrument :

BNA_G

ClientSampleId :

OR-03-101119

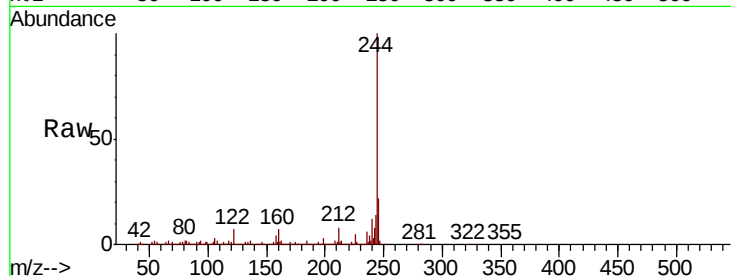
Tot Ion:244 Resp: 1685122

Ion Ratio Lower Upper

244 100

212 7.5 7.4 11.0

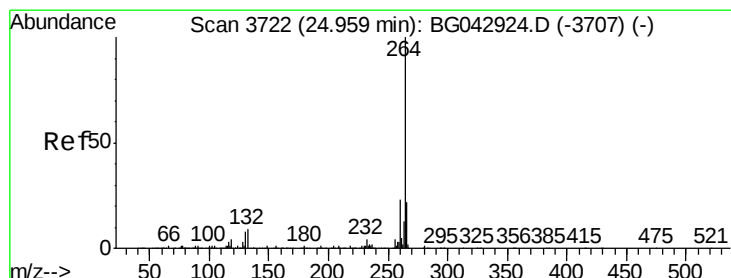
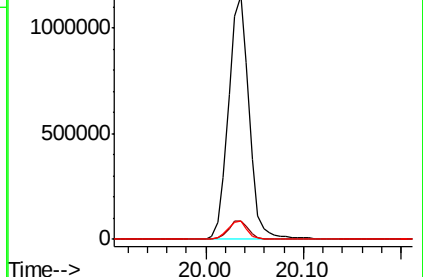
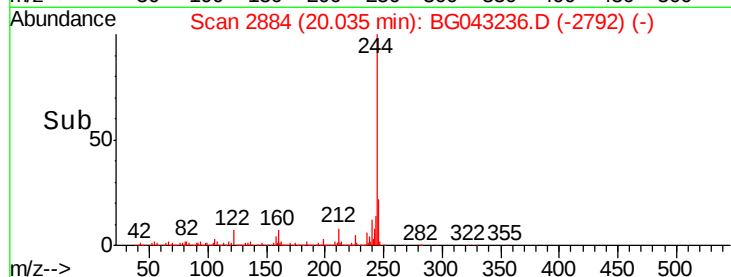
122 7.3 7.0 10.4



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: 24.92 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG043236.D

Acq: 16 Oct 2019 4:17

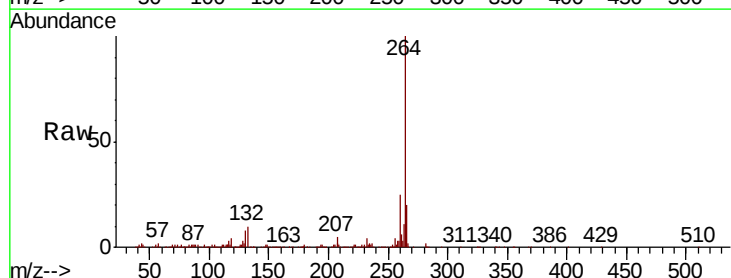
Tgt Ion:264 Resp: 387705

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 20.0 17.7 26.5



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

