

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043216.D
 Acq On : 15 Oct 2019 13:26
 Operator : JU
 Sample : PB123928BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123928BL

Quant Time: Oct 15 15:48:09 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	8.05	152	53771	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	195143	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	147902	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	341838	20.00	ng	0.00
76) Chrysene-d12	21.70	240	358501	20.00	ng	0.00
87) Perylene-d12	24.92	264	414305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	390137	129.48	ng	0.00
7) Phenol-d6	7.23	99	553392	127.54	ng	0.00
23) Nitrobenzene-d5	9.21	82	334631	83.35	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	323656	127.26	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	922772	90.45	ng	0.00
79) Terphenyl-d14	20.03	244	1611034	95.76	ng	0.00

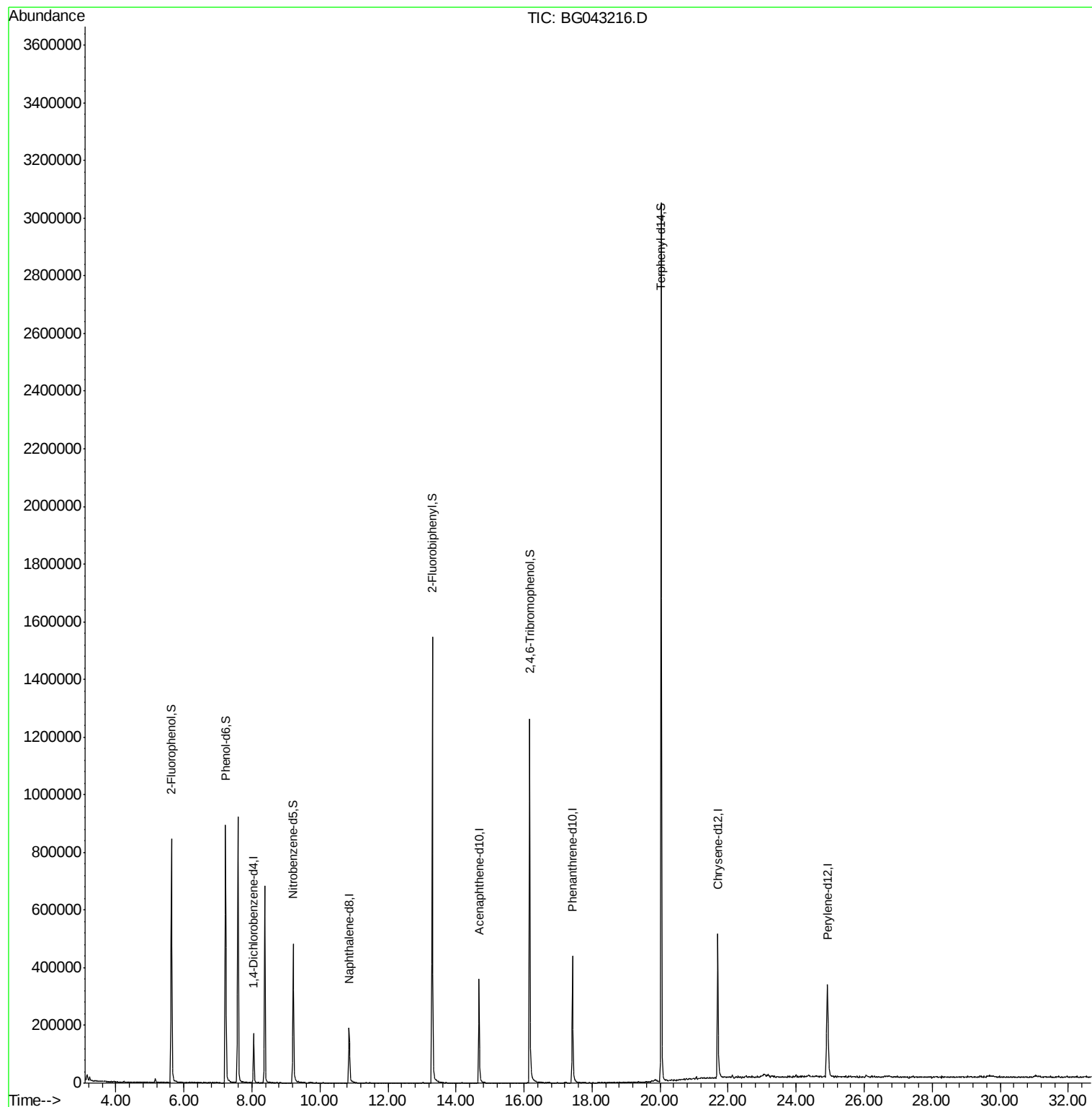
Target Compounds Qvalue

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

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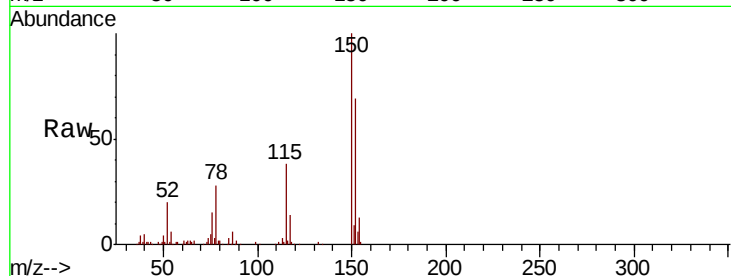


#1

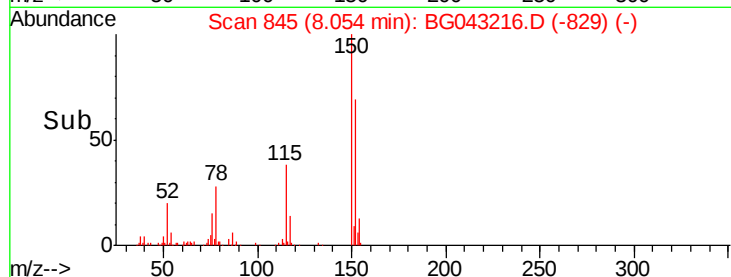
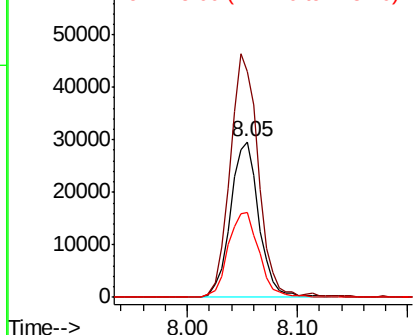
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG043216.D
Acq: 15 Oct 2019 13:26

Instrument :
BNA_G
ClientSampleId :
PB123928BL

Tot Ion:152 Resp: 53771
Ion Ratio Lower Upper
152 100
150 144.6 115.0 172.4
115 54.7 47.0 70.6



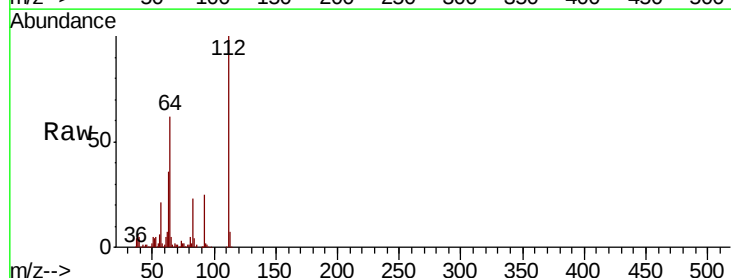
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



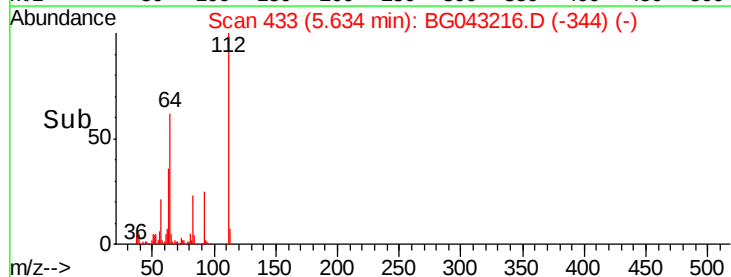
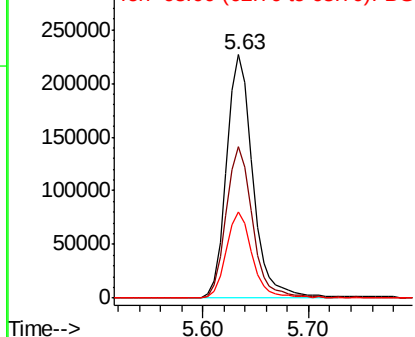
#5

2-Fluorophenol
Concen: 129.484 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.00 min
Lab File: BG043216.D
Acq: 15 Oct 2019 13:26

Tgt Ion:112 Resp: 390137
Ion Ratio Lower Upper
112 100
64 62.1 56.6 84.8
63 35.6 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: 127.541 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG043216.D

Acq: 15 Oct 2019 13:26

Instrument :

BNA_G

ClientSampleId :

PB123928BL

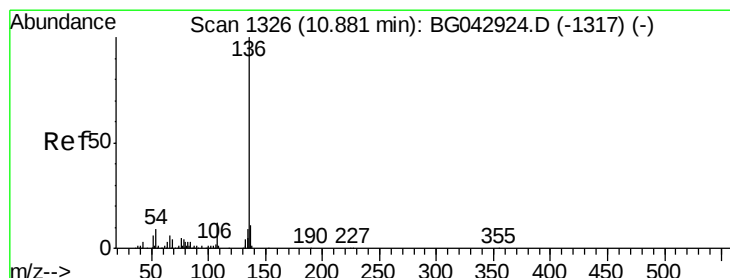
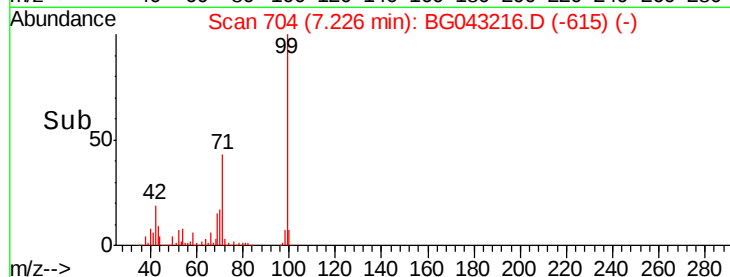
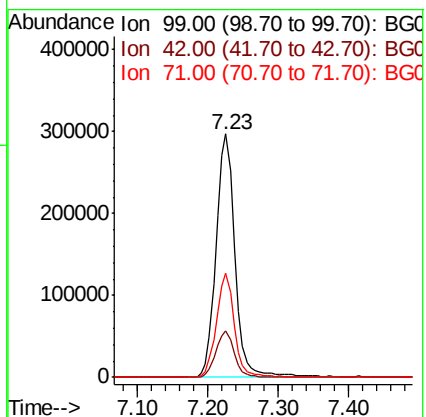
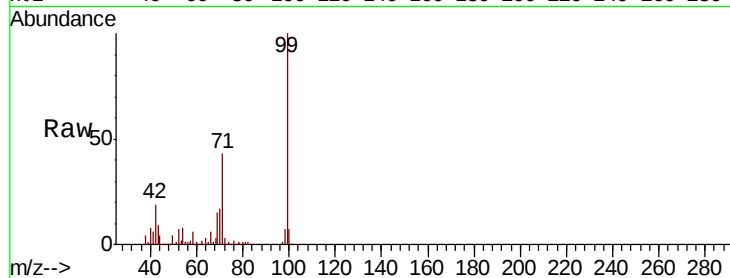
Tot Ion: 99 Resp: 553392

Ion Ratio Lower Upper

99 100

42 19.1 17.2 25.8

71 42.6 33.1 49.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG043216.D

Acq: 15 Oct 2019 13:26

Tgt Ion: 136 Resp: 195143

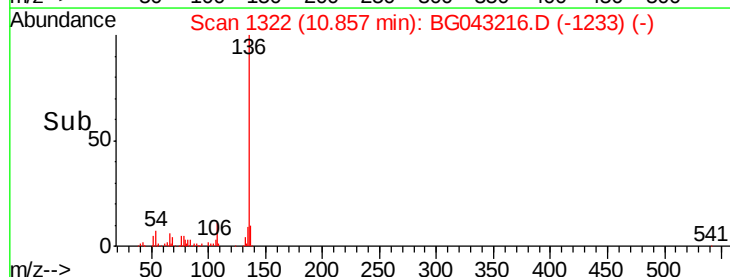
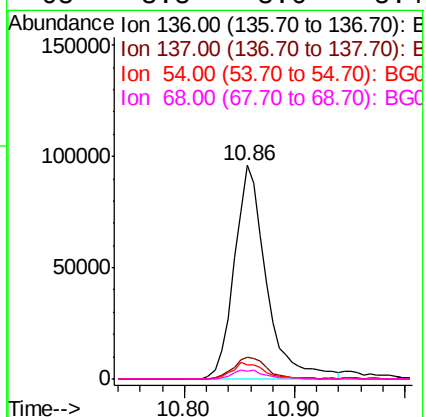
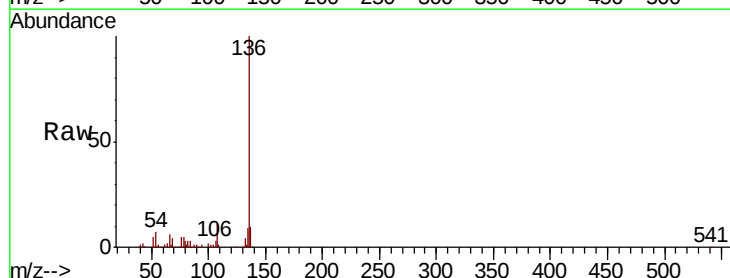
Ion Ratio Lower Upper

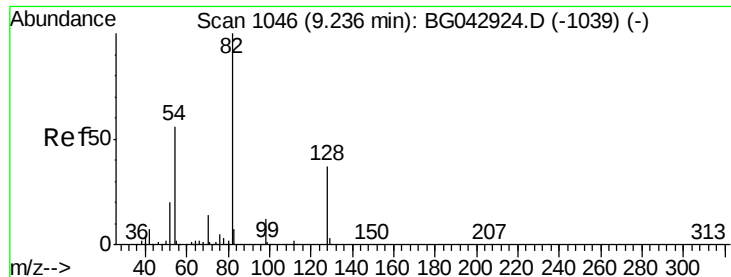
136 100

137 10.1 8.5 12.7

54 6.8 7.4 11.2#

68 3.8 3.6 5.4

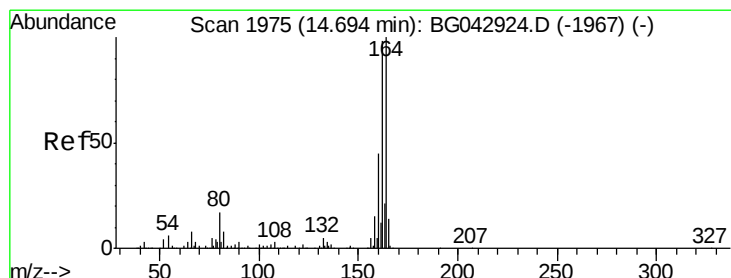
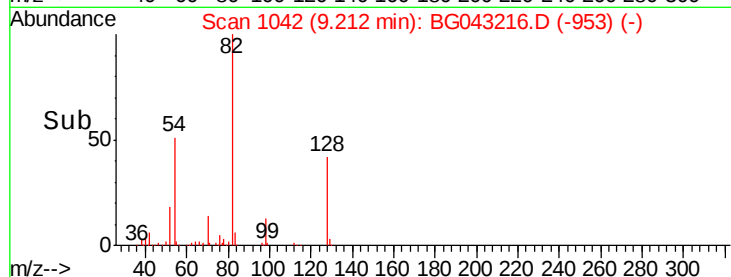
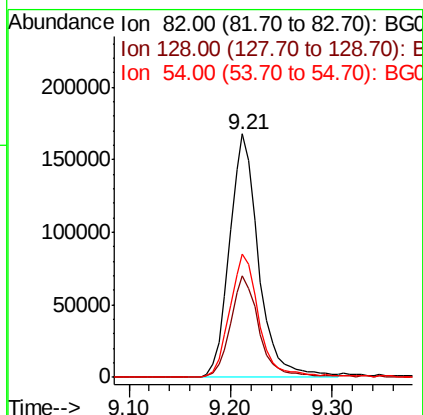
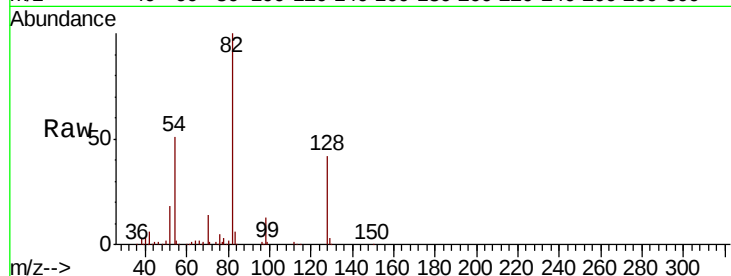




#23
Nitrobenzene-d5
Concen: 83.348 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG043216.D
Acq: 15 Oct 2019 13:26

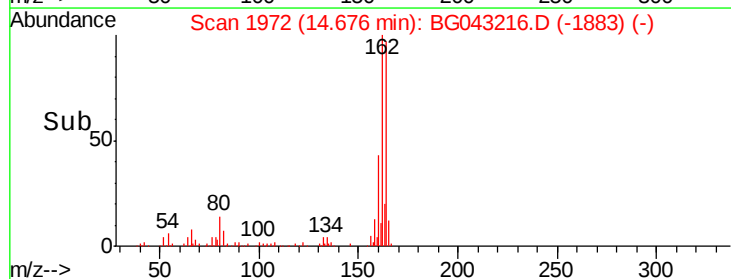
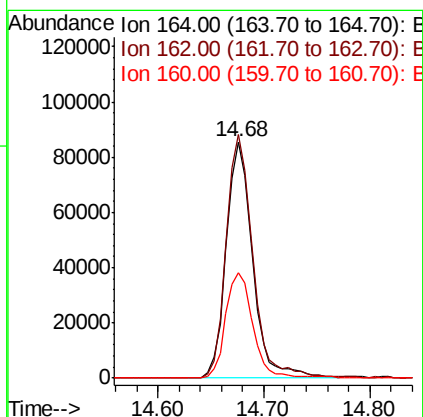
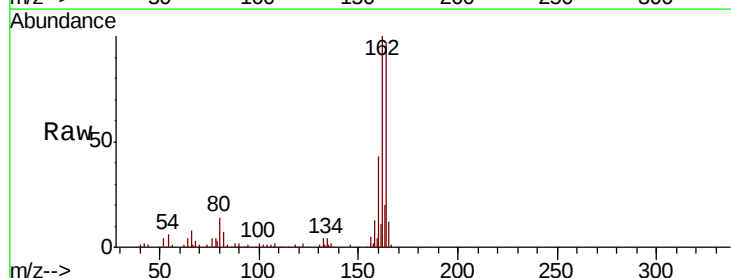
Instrument :
BNA_G
ClientSampleId :
PB123928BL

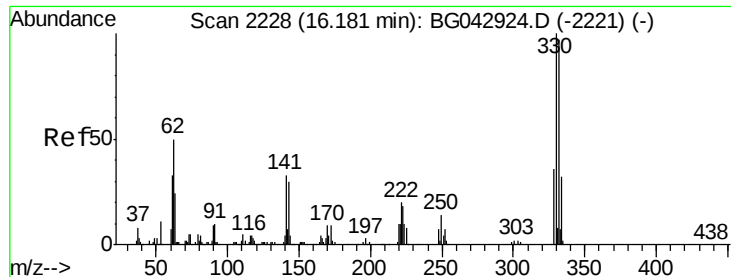
Tot Ion	82	Resp	334631
Ion Ratio	100	Lower	Upper
128	41.7	29.5	44.3
54	50.7	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG043216.D
Acq: 15 Oct 2019 13:26

Tgt Ion	164	Resp	147902
Ion Ratio	100	Lower	Upper
162	103.1	78.5	117.7
160	44.4	35.9	53.9

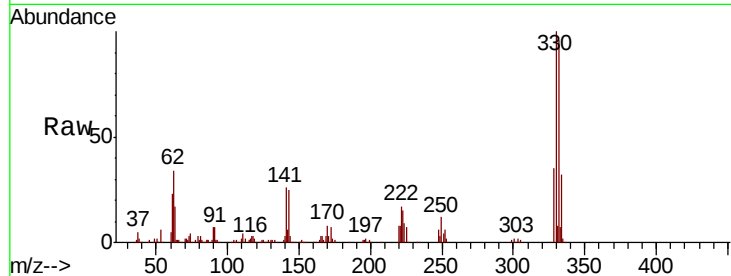




#42
 2,4,6-Tribromophenol
 Concen: 127.260 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG043216.D
 Acq: 15 Oct 2019 13:26

Instrument :
 BNA_G
 ClientSampleId :
 PB123928BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.2
141	27.6	26.0	39.0

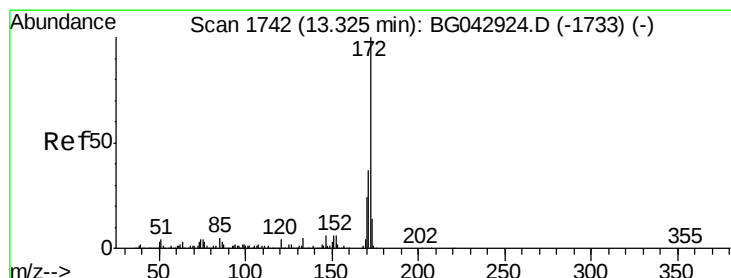
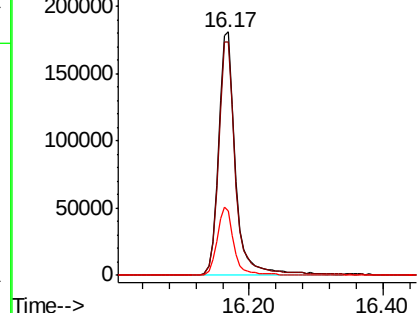
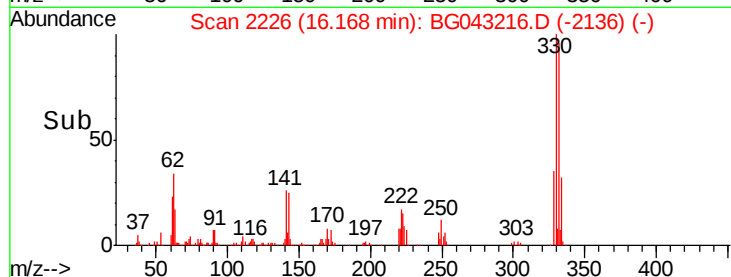


Abundance

Ion 329.80 (329.50 to 330.50): E

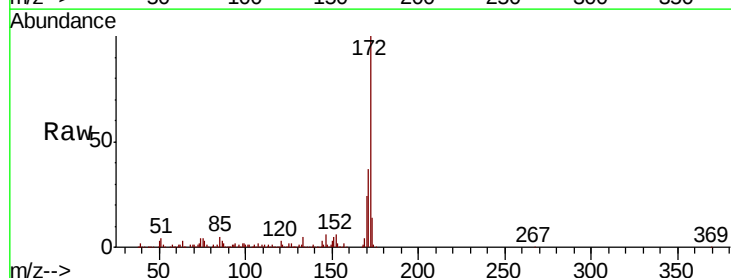
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.448 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG043216.D
 Acq: 15 Oct 2019 13:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	19.6	29.4

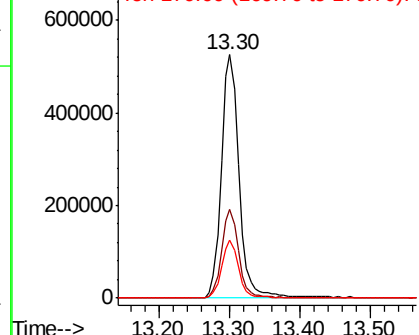
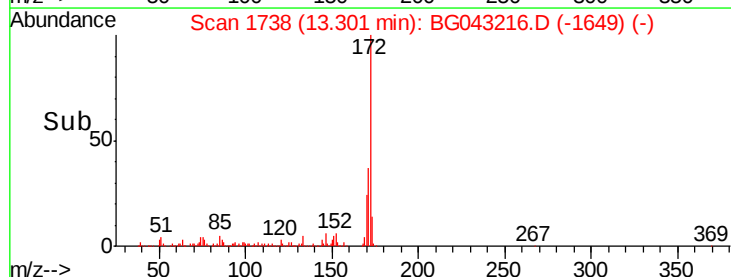


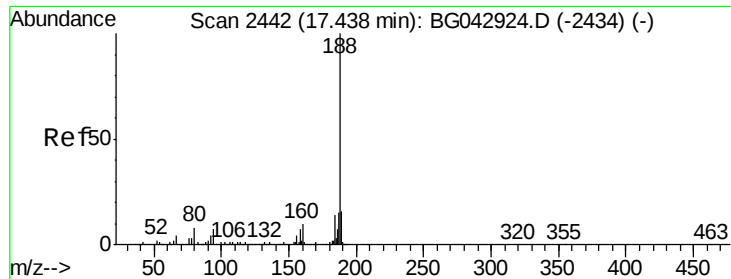
Abundance

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: BG043216.D

Acq: 15 Oct 2019 13:26

Instrument :

BNA_G

ClientSampleId :

PB123928BL

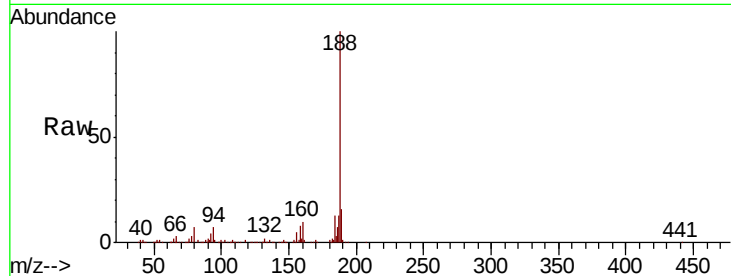
Tot Ion:188 Resp: 341838

Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

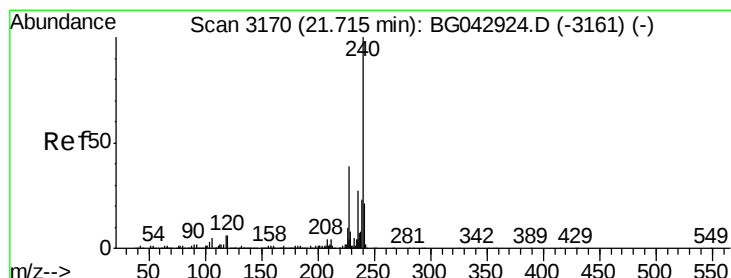
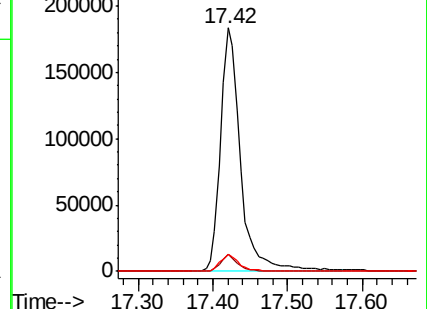
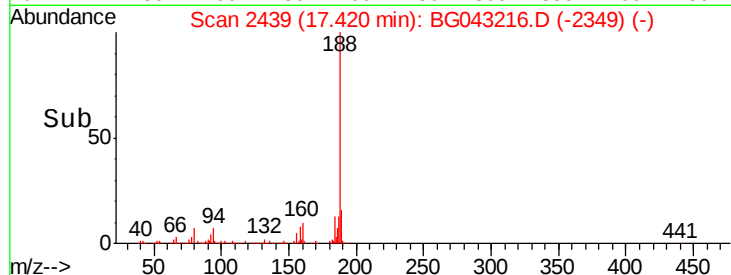
80 6.9 6.5 9.7



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: BG043216.D

Acq: 15 Oct 2019 13:26

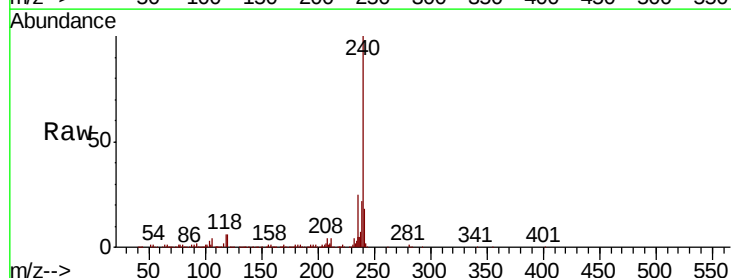
Tgt Ion:240 Resp: 358501

Ion Ratio Lower Upper

240 100

120 5.6 4.8 7.2

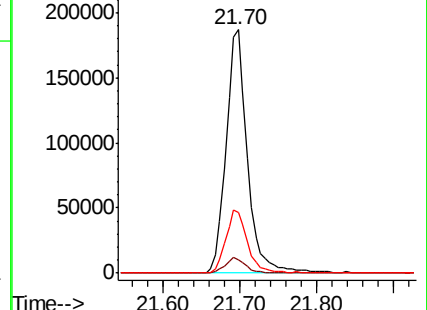
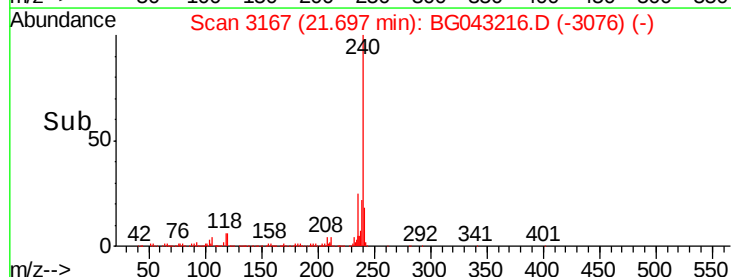
236 24.8 21.4 32.0

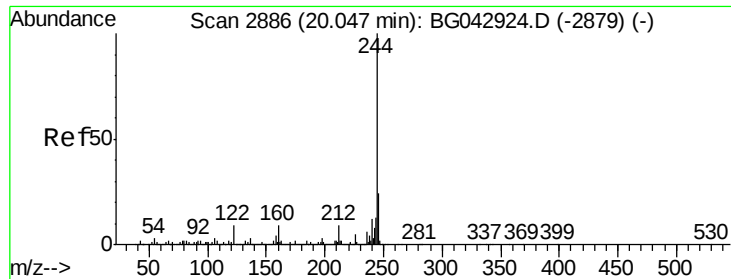


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.758 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043216.D

Acq: 15 Oct 2019 13:26

Instrument :

BNA_G

ClientSampled :

PB123928BL

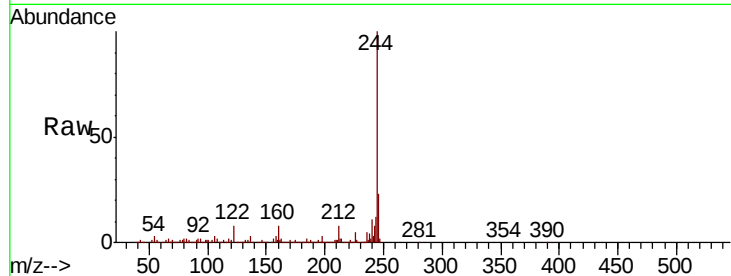
Tot Ion:244 Resp: 1611034

Ion Ratio Lower Upper

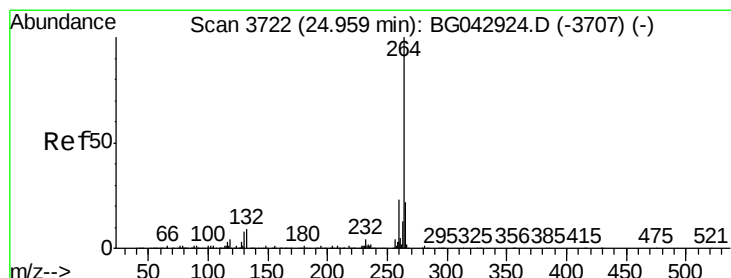
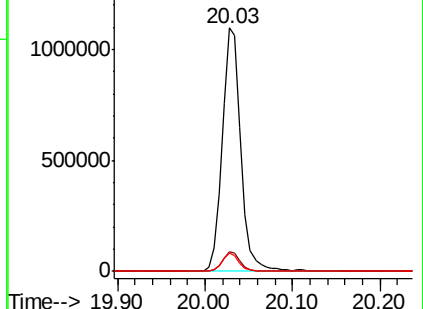
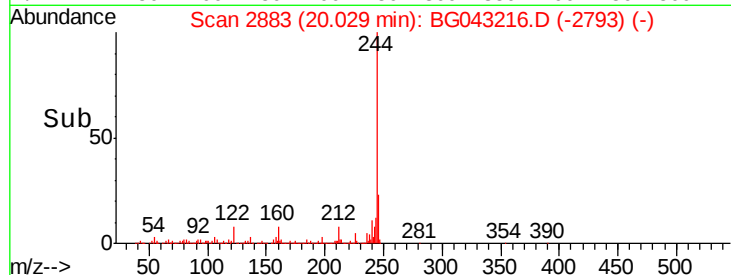
244 100

212 7.8 7.4 11.0

122 7.5 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# 3715

Delta R.T. 0.01 min

Lab File: BG043216.D

Acq: 15 Oct 2019 13:26

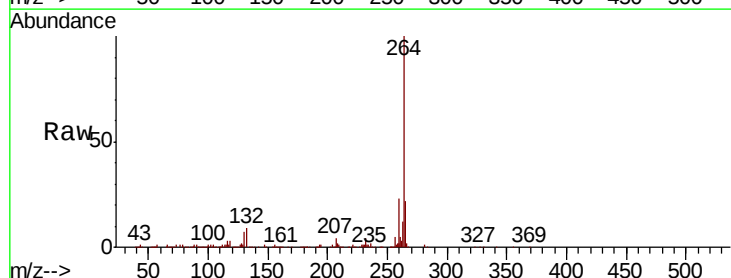
Tgt Ion:264 Resp: 414305

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.6 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

