

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043250.D
 Acq On : 16 Oct 2019 18:18
 Operator : JU
 Sample : PB123988TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123988TB

Quant Time: Oct 17 02:00:31 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	46157	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	149566	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	112558	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	274993	20.00	ng	0.00
76) Chrysene-d12	21.70	240	328613	20.00	ng	0.00
87) Perylene-d12	24.92	264	375727	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	329091	127.24	ng	0.00
7) Phenol-d6	7.22	99	449412	120.66	ng	0.00
23) Nitrobenzene-d5	9.21	82	276173	89.75	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	268101	138.52	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	709279	91.35	ng	0.00
79) Terphenyl-d14	20.03	244	1516680	98.35	ng	0.00

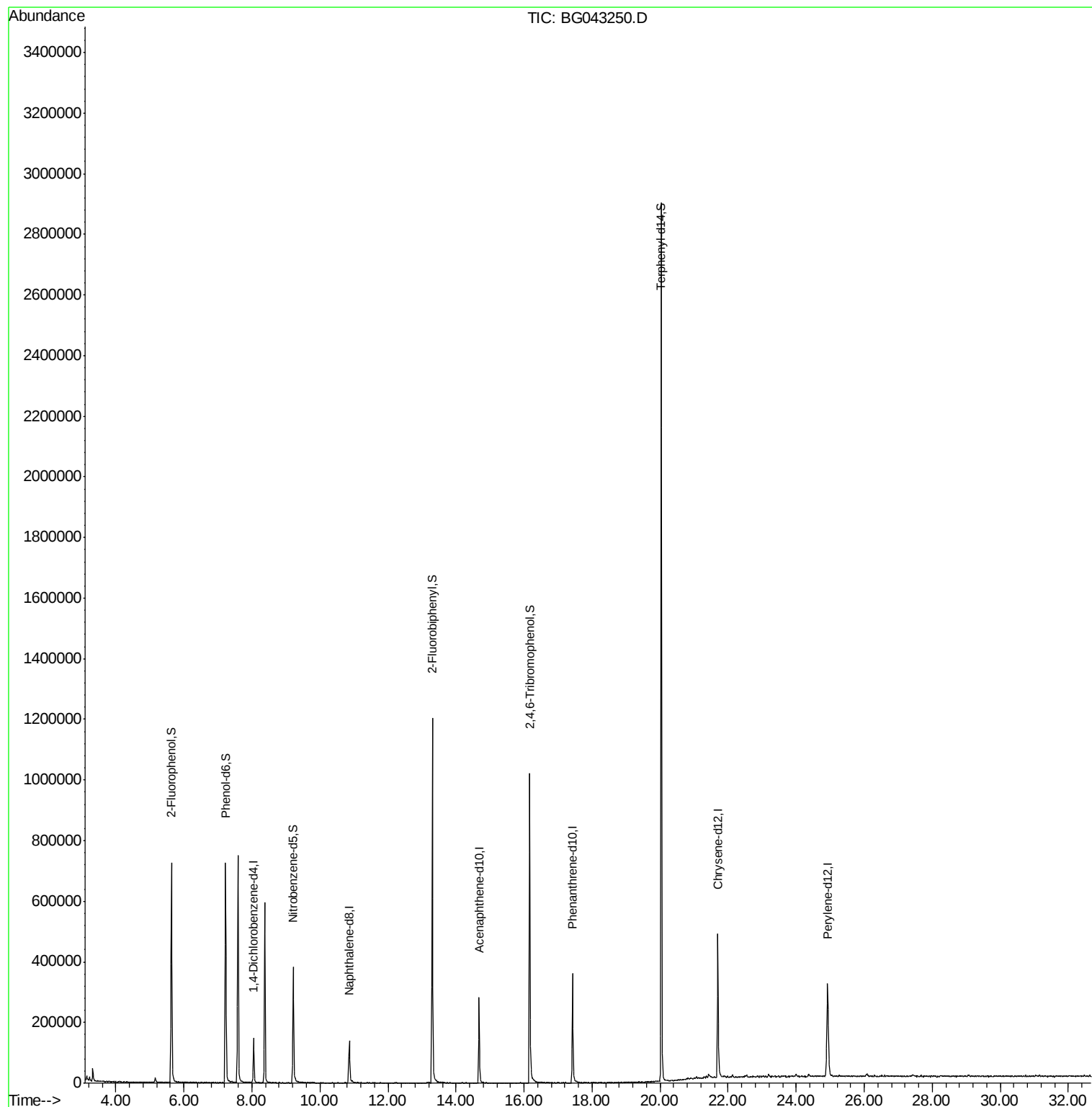
Target Compounds Qvalue

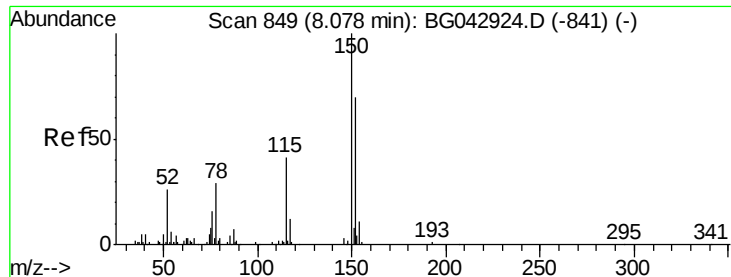
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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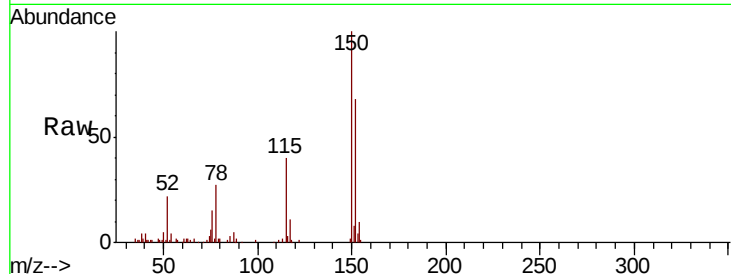


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043250.D
Acq: 16 Oct 2019 18:18

Instrument :
BNA_G
ClientSampleId :
PB123988TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	115.0	172.4
115	58.6	47.0	70.6

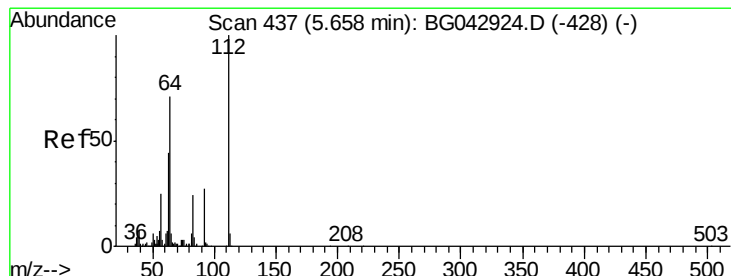
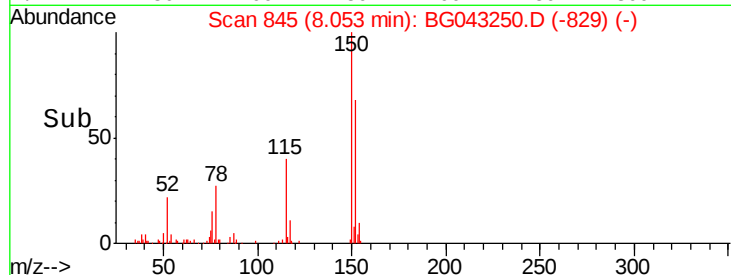
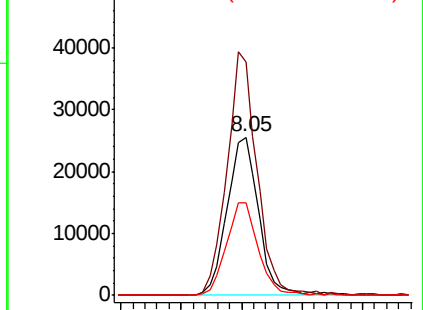


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

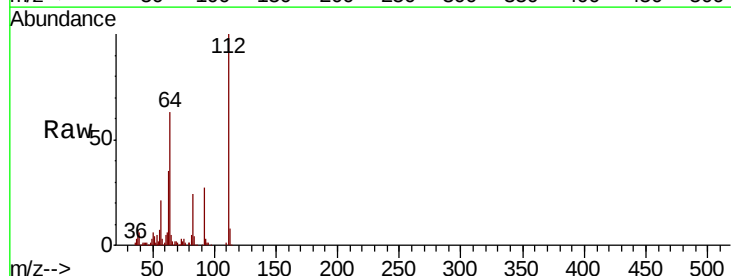
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.240 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043250.D
Acq: 16 Oct 2019 18:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	56.6	84.8
63	34.6	35.1	52.7#

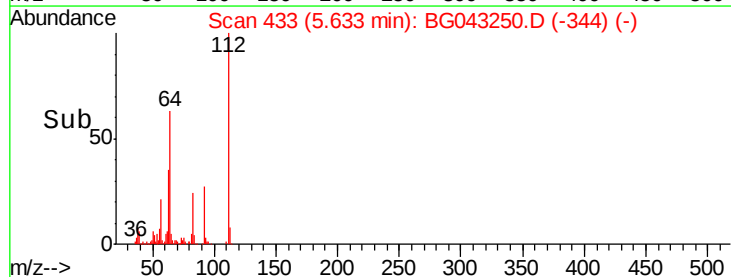
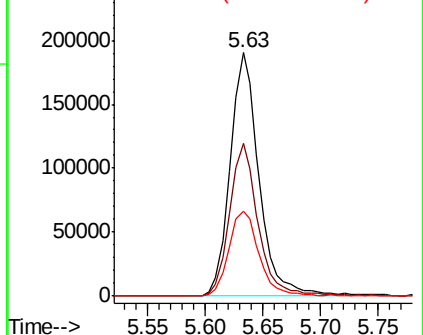


Abundance

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: 120.663 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043250.D

Acq: 16 Oct 2019 18:18

Instrument :

BNA_G

ClientSampleId :

PB123988TB

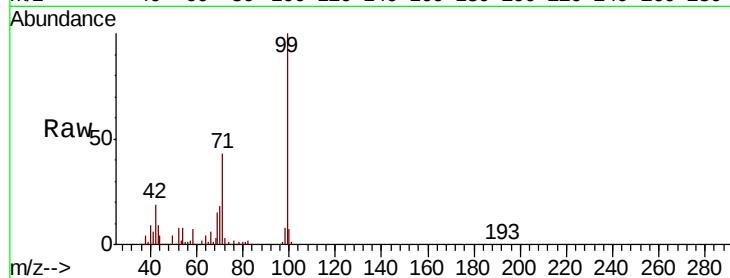
Tot Ion: 99 Resp: 449412

Ion Ratio Lower Upper

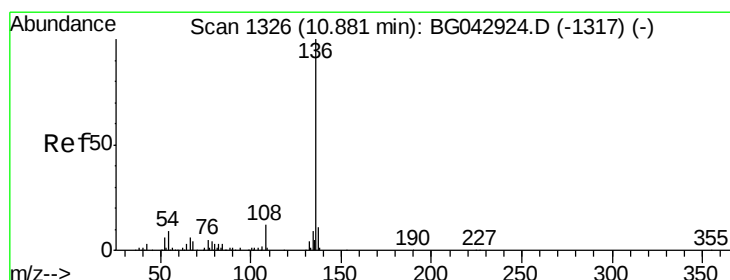
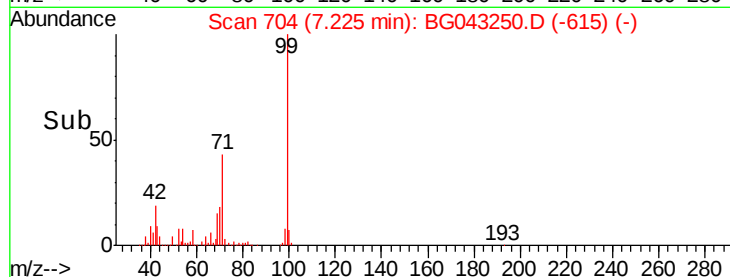
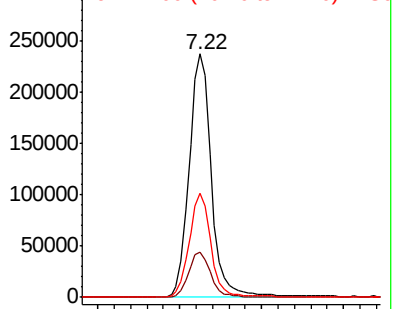
99 100

42 18.5 17.2 25.8

71 42.7 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# 1323

Delta R.T. 0.00 min

Lab File: BG043250.D

Acq: 16 Oct 2019 18:18

Tgt Ion: 136 Resp: 149566

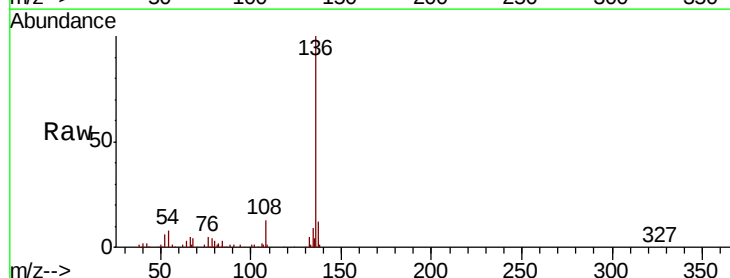
Ion Ratio Lower Upper

136 100

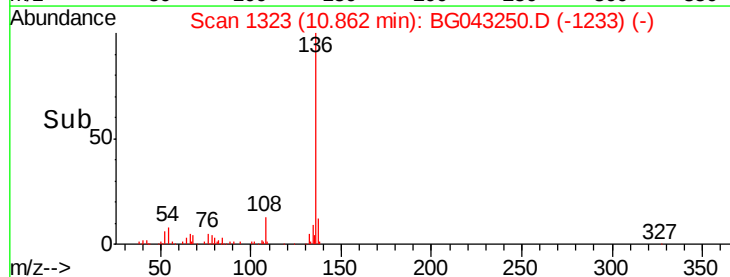
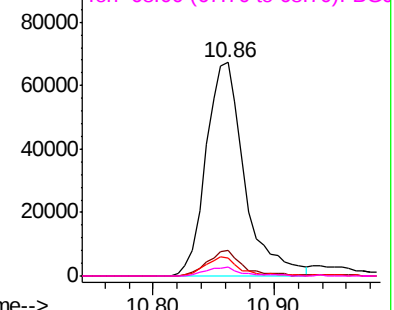
137 12.1 8.5 12.7

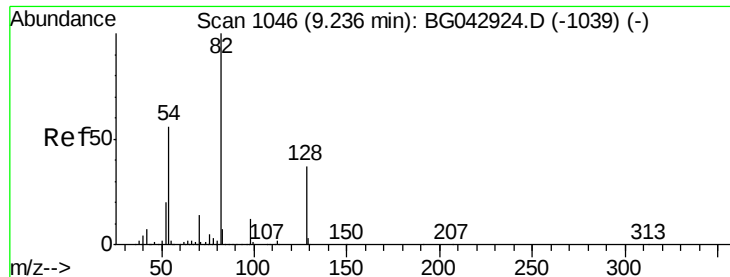
54 8.3 7.4 11.2

68 4.0 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

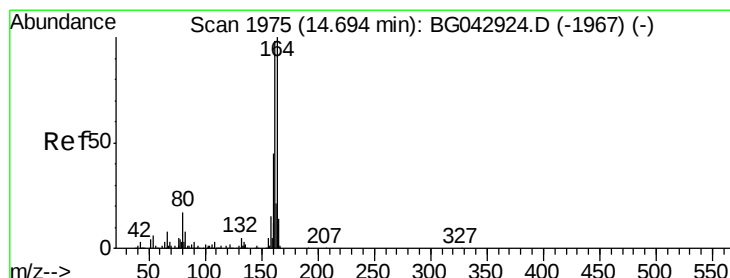
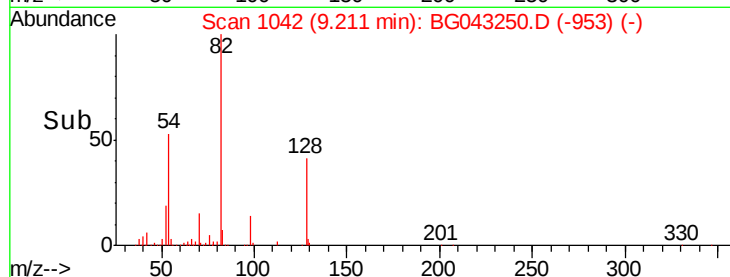
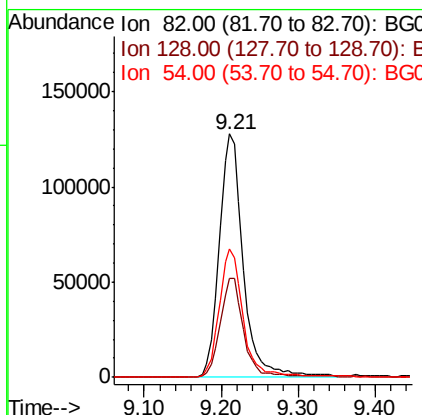
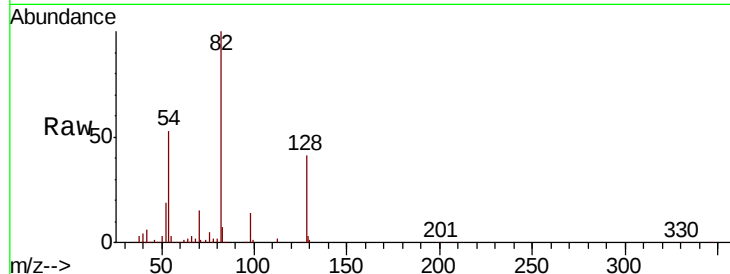




#23
 Nitrobenzene-d5
 Concen: 89.749 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043250.D
 Acq: 16 Oct 2019 18:18

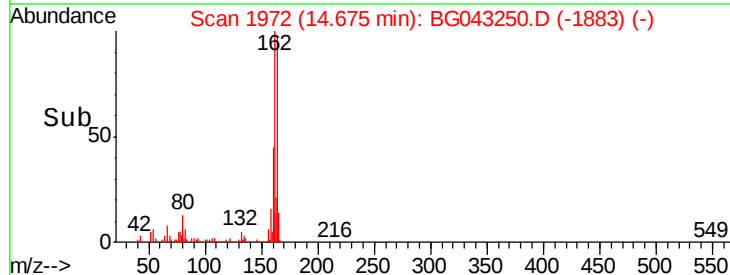
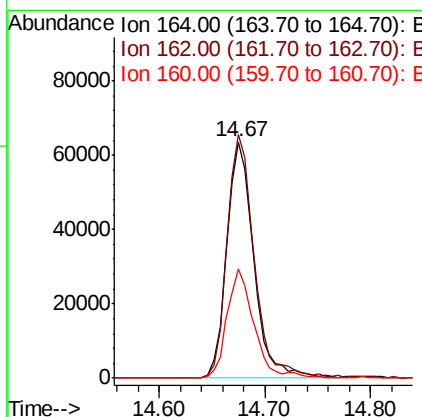
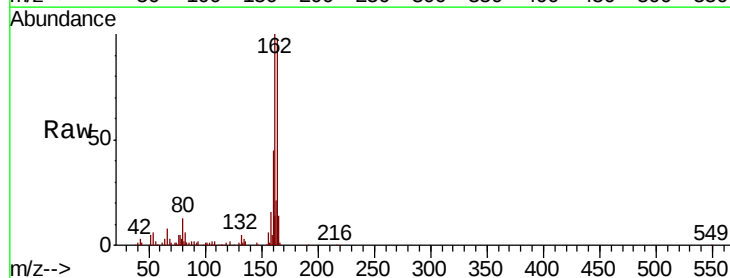
Instrument :
 BNA_G
 ClientSampleId :
 PB123988TB

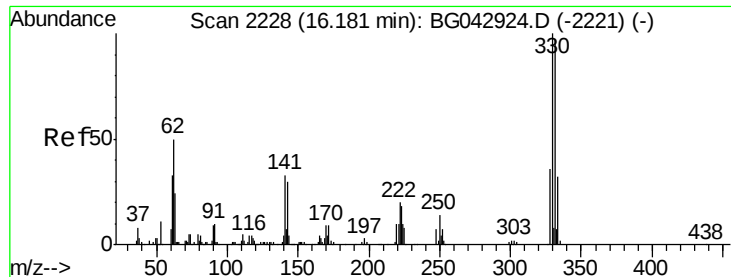
Tot Ion	82	Resp	276173
Ion Ratio	Lower	Upper	
82	100		
128	40.7	29.5	44.3
54	52.9	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG043250.D
 Acq: 16 Oct 2019 18:18

Tgt Ion	164	Resp	112558
Ion Ratio	Lower	Upper	
164	100		
162	103.0	78.5	117.7
160	46.1	35.9	53.9

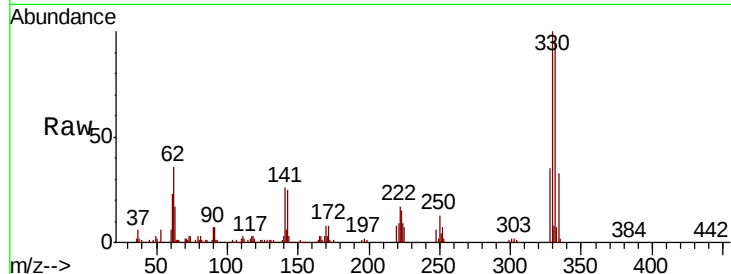




#42
 2,4,6-Tribromophenol
 Concen: 138.517 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG043250.D
 Acq: 16 Oct 2019 18:18

Instrument :
 BNA_G
 ClientSampleId :
 PB123988TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.2
141	27.3	26.0	39.0

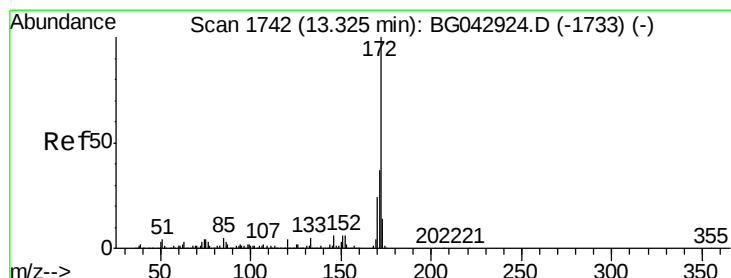
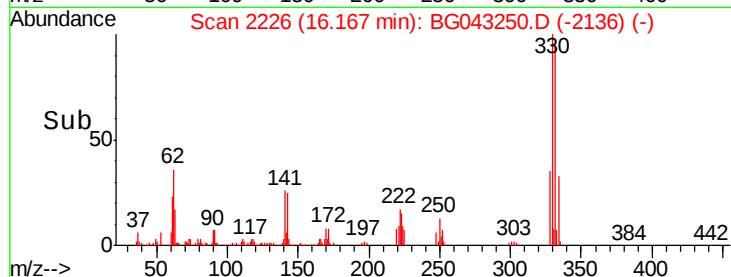
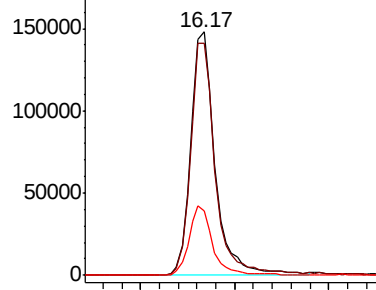


Abundance

Ion 329.80 (329.50 to 330.50): E

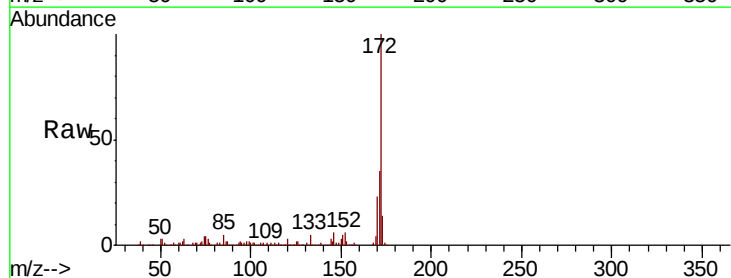
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.352 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG043250.D
 Acq: 16 Oct 2019 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.4	19.6	29.4

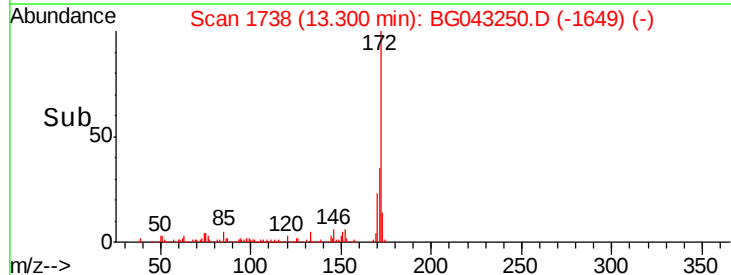
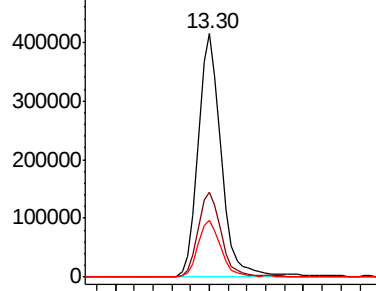


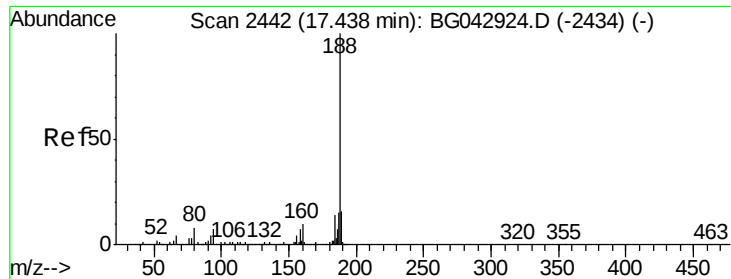
Abundance

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

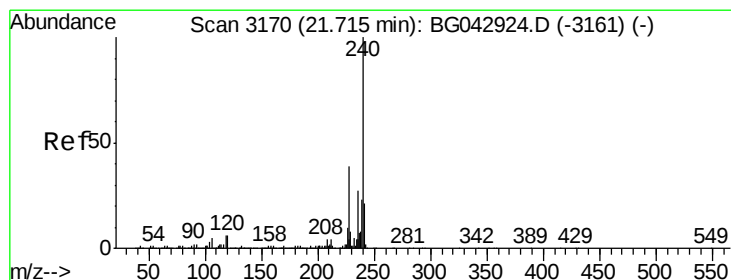
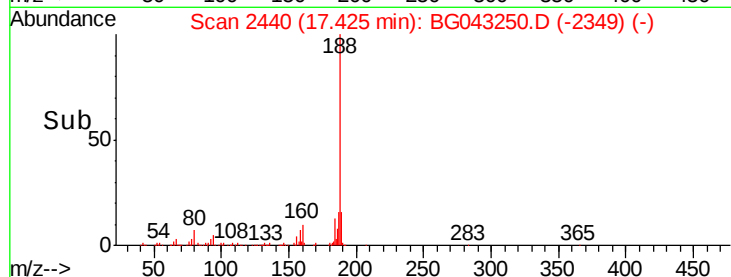
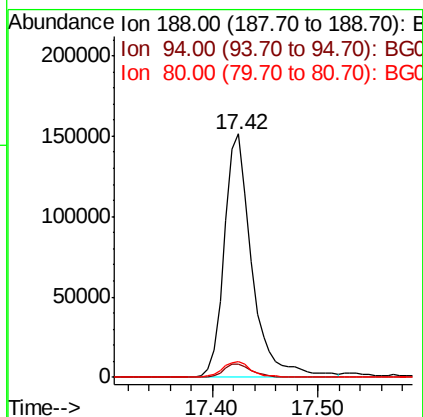
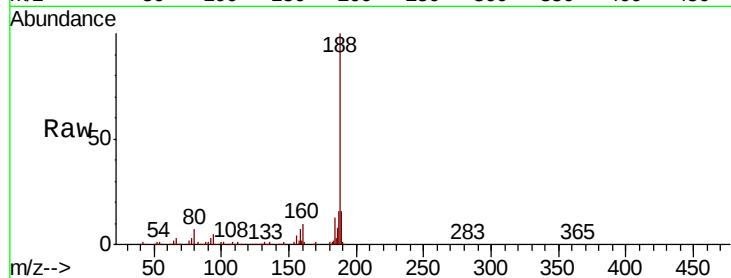




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG043250.D
Acq: 16 Oct 2019 18:18

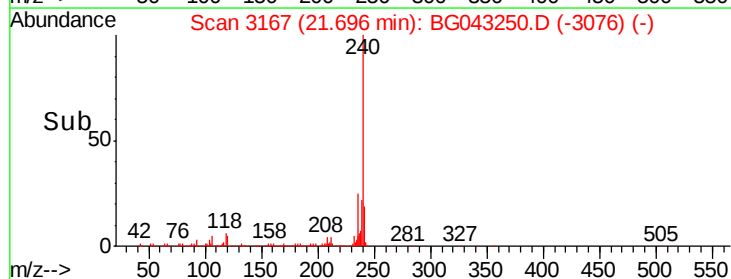
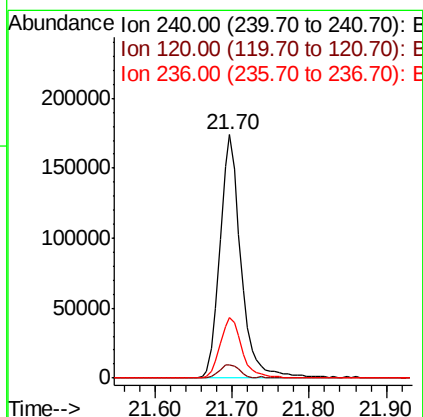
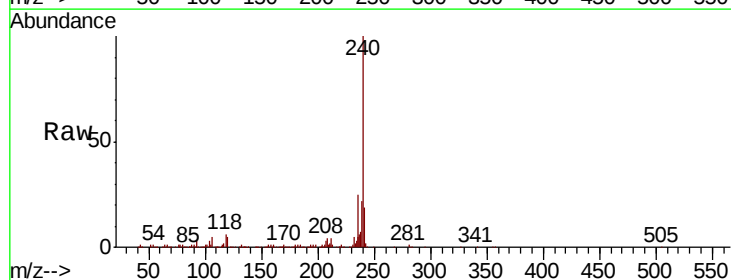
Instrument :
BNA_G
ClientSampleId :
PB123988TB

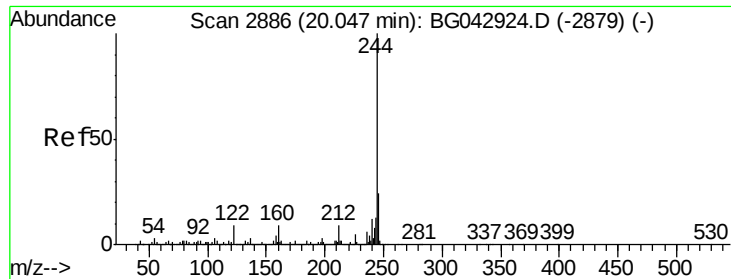
Tot Ion:188 Resp: 274993
Ion Ratio Lower Upper
188 100
94 5.2 5.7 8.5#
80 6.5 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG043250.D
Acq: 16 Oct 2019 18:18

Tgt Ion:240 Resp: 328613
Ion Ratio Lower Upper
240 100
120 5.4 4.8 7.2
236 25.1 21.4 32.0





#79

Terphenyl-d14

Concen: 98.349 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043250.D

Acq: 16 Oct 2019 18:18

Instrument :

BNA_G

ClientSampled :

PB123988TB

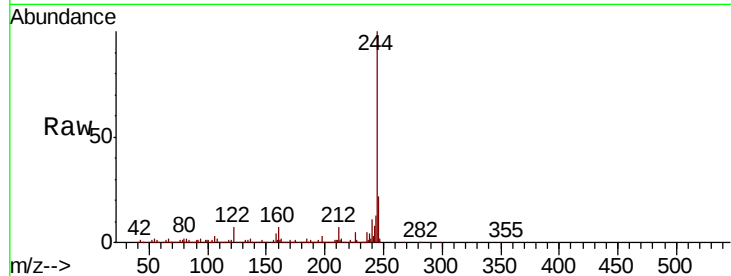
Tot Ion:244 Resp: 1516680

Ion Ratio Lower Upper

244 100

212 7.3 7.4 11.0#

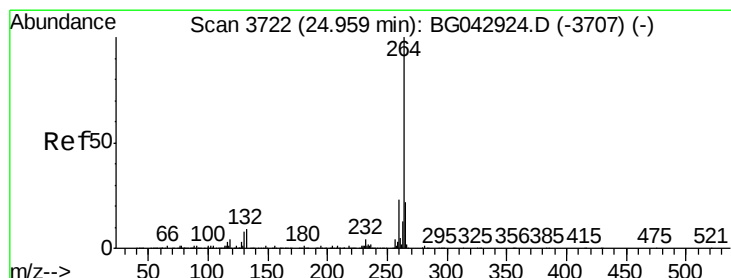
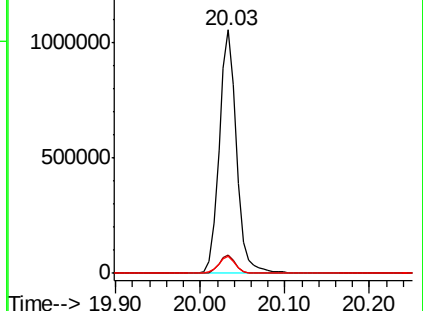
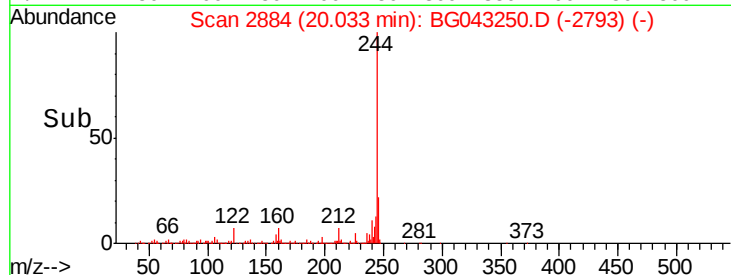
122 6.9 7.0 10.4#



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: BG043250.D

Acq: 16 Oct 2019 18:18

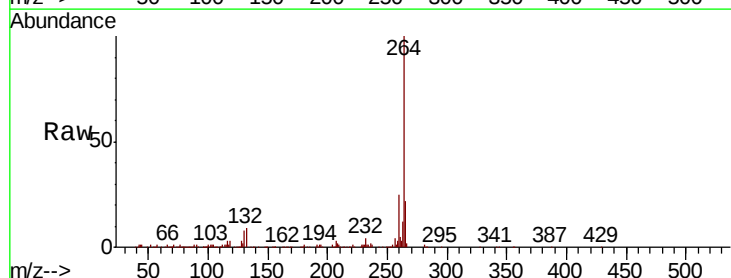
Tgt Ion:264 Resp: 375727

Ion Ratio Lower Upper

264 100

260 24.7 18.7 28.1

265 21.8 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

