

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042848.D
 Acq On : 16 Sep 2019 14:03
 Operator : HP/JU
 Sample : PB123110TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123110TB

Quant Time: Sep 17 02:20:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	80161	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	303492	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	225556	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	584148	20.00	ng	0.00
76) Chrysene-d12	21.75	240	624400	20.00	ng	0.00
87) Perylene-d12	25.02	264	670421	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	578119	125.38	ng	0.00
7) Phenol-d6	7.27	99	863070	130.41	ng	0.00
23) Nitrobenzene-d5	9.28	82	522832	89.69	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	417005	138.96	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1233999	86.60	ng	0.00
79) Terphenyl-d14	20.09	244	2426009	86.11	ng	0.00

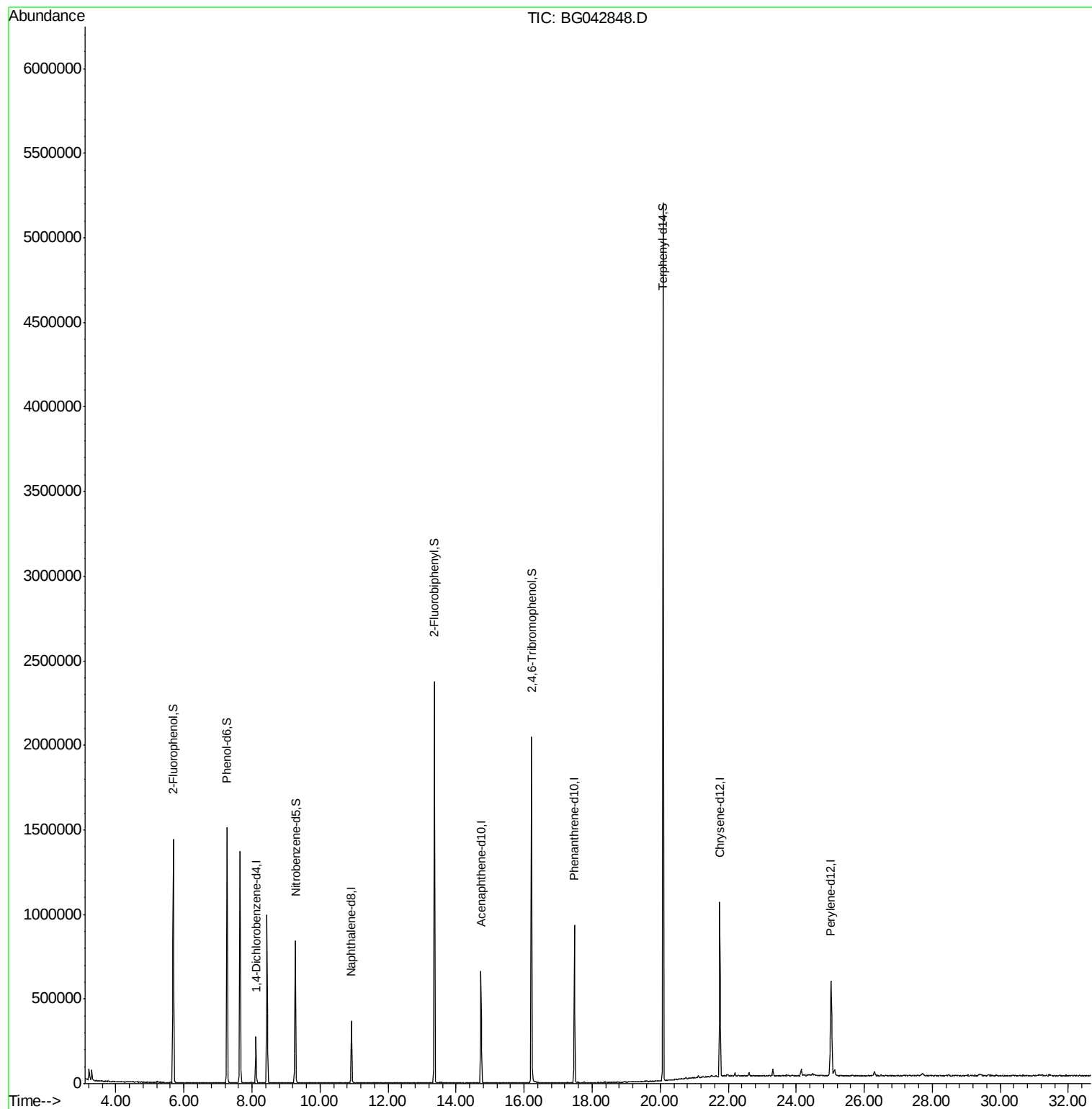
Target Compounds Qvalue

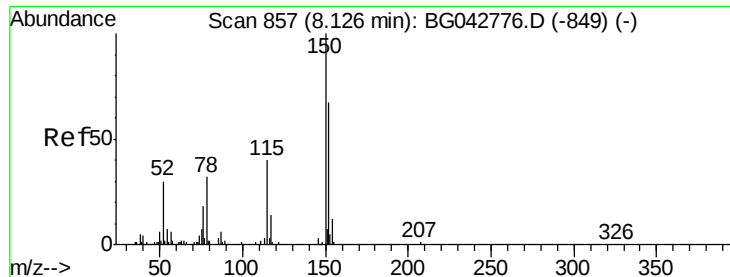
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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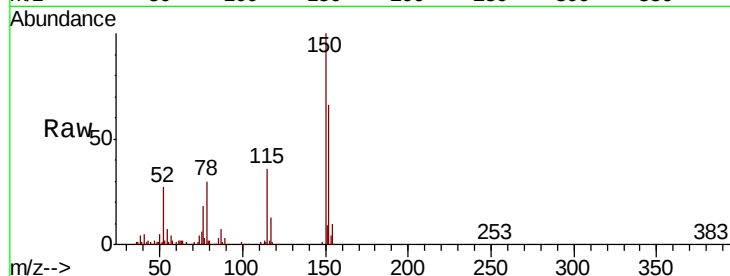


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042848.D
Acq: 16 Sep 2019 14:03

Instrument :
BNA_G
ClientSampleId :
PB123110TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	118.9	178.3
115	54.8	47.4	71.2

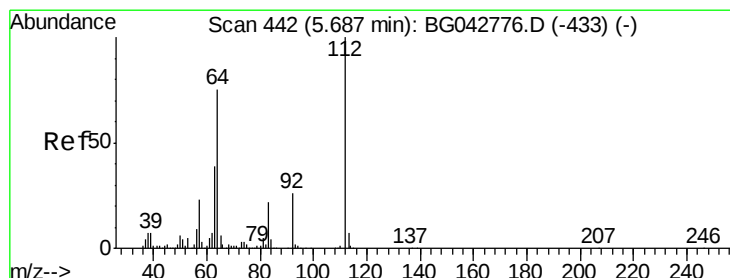
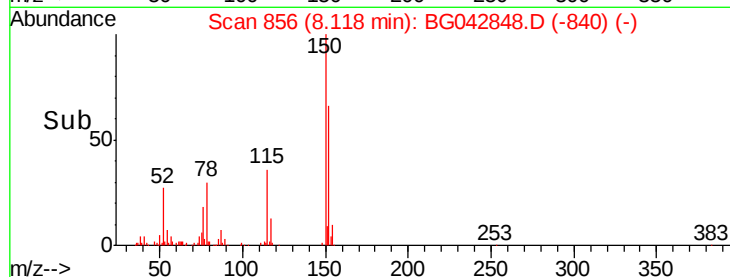
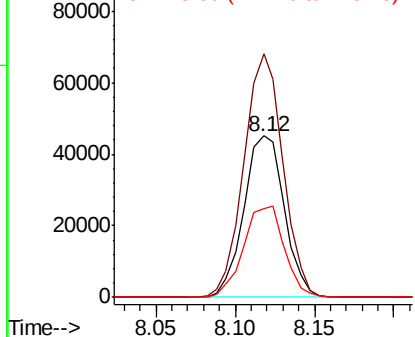


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

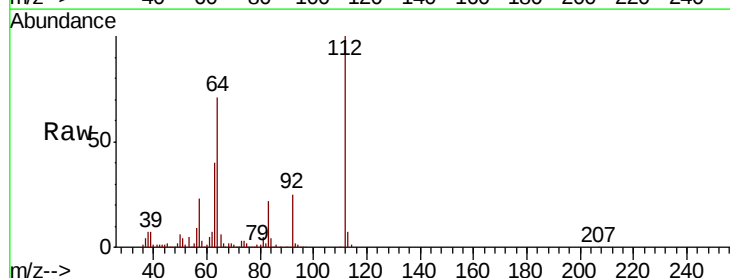
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.384 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042848.D
Acq: 16 Sep 2019 14:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	60.2	90.2
63	39.9	31.2	46.8

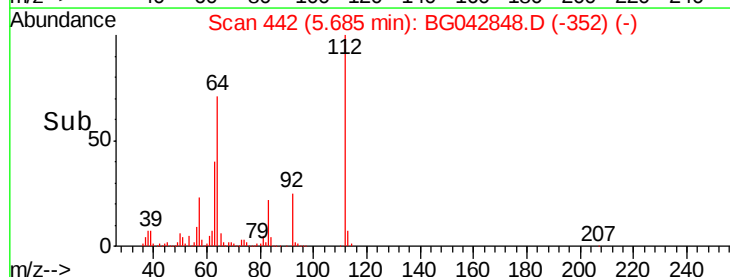
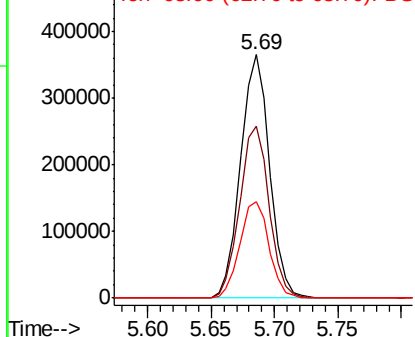


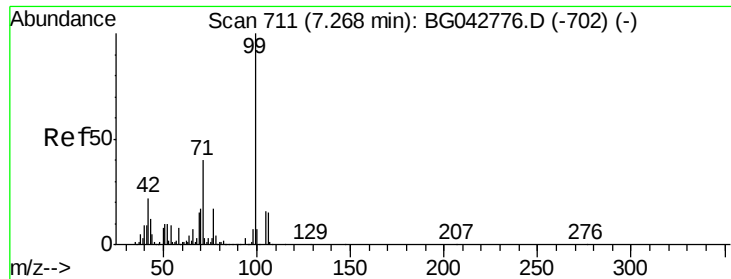
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 130.411 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042848.D

Acq: 16 Sep 2019 14:03

Instrument :

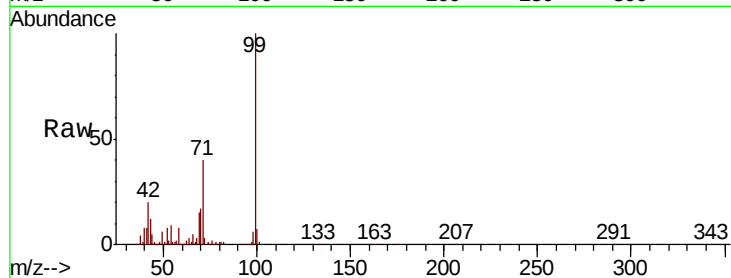
BNA_G

ClientSampleId :

PB123110TB

Tot Ion: 99 Resp: 863070

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.5	26.3
71	39.7	32.0	48.0

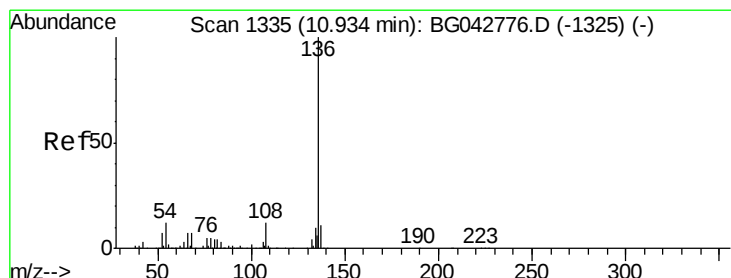
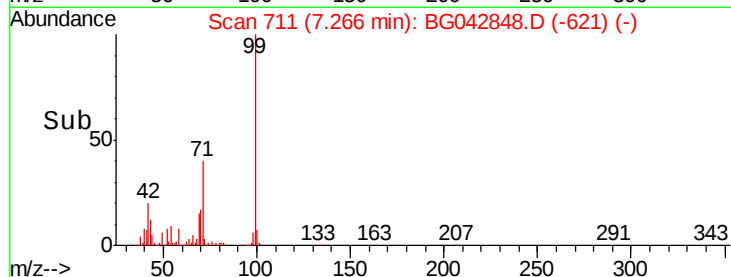
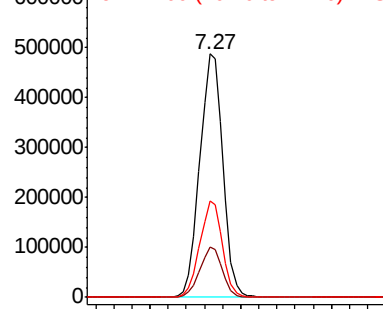


Abundance

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: 10.93 min Scan# 1334

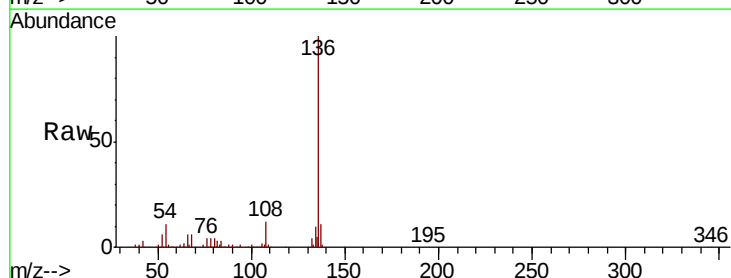
Delta R.T. -0.01 min

Lab File: BG042848.D

Acq: 16 Sep 2019 14:03

Tgt Ion: 136 Resp: 303492

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.7	9.4	14.0
68	5.8	5.4	8.2



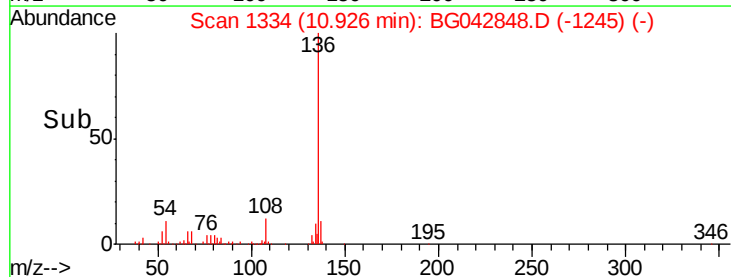
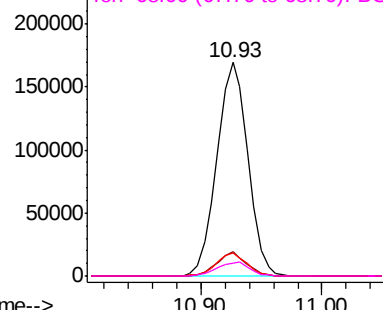
Abundance

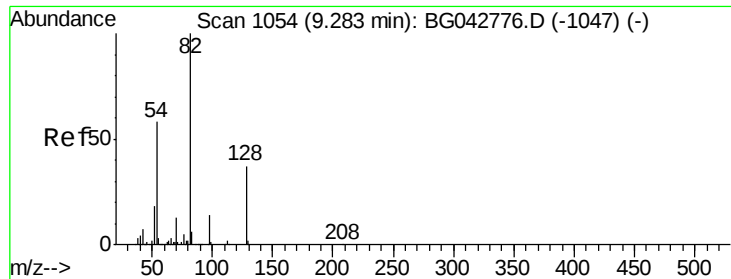
Ion 136.00 (135.70 to 136.70): BGC

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

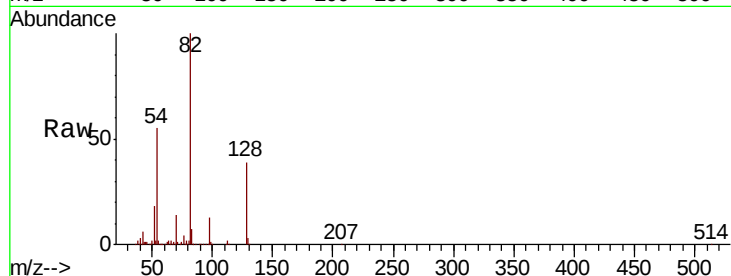




#23
Nitrobenzene-d5
Concen: 89.689 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042848.D
Acq: 16 Sep 2019 14:03

Instrument :
BNA_G
ClientSampleId :
PB123110TB

Tot Ion	82	Resp	522832
Ion Ratio	Lower	Upper	
82	100		
128	38.8	29.8	44.8
54	54.8	46.1	69.1

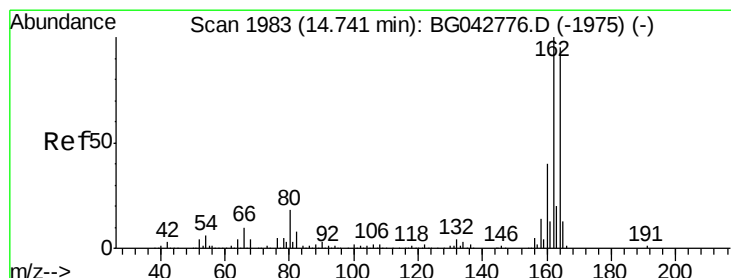
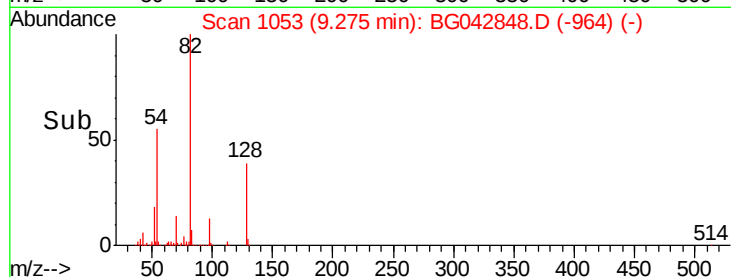
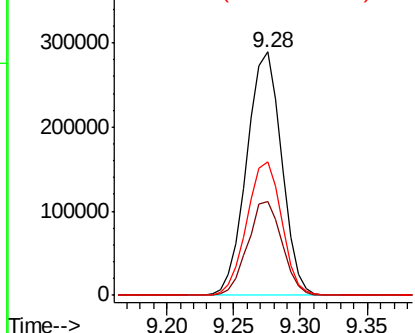


Abundance

Ion 82.00 (81.70 to 82.70): BGC

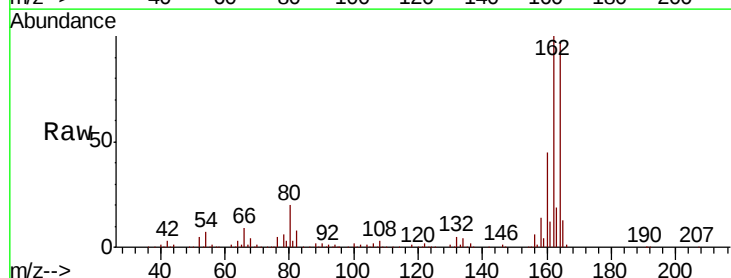
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042848.D
Acq: 16 Sep 2019 14:03

Tgt Ion	164	Resp	225556
Ion Ratio	Lower	Upper	
164	100		
162	103.0	84.6	126.8
160	46.3	34.2	51.2

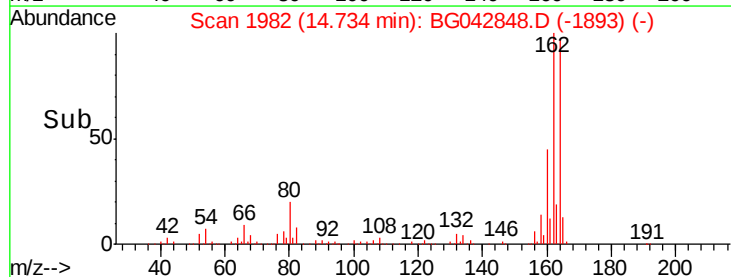
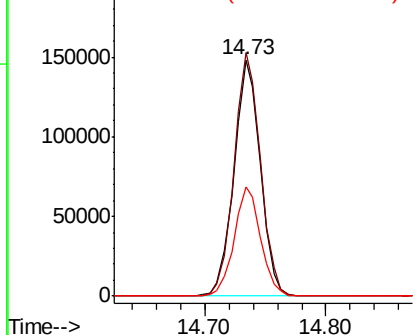


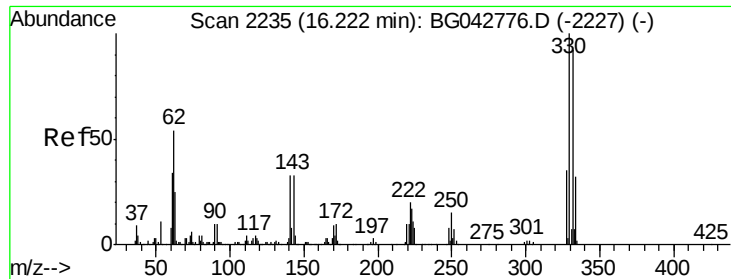
Abundance

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

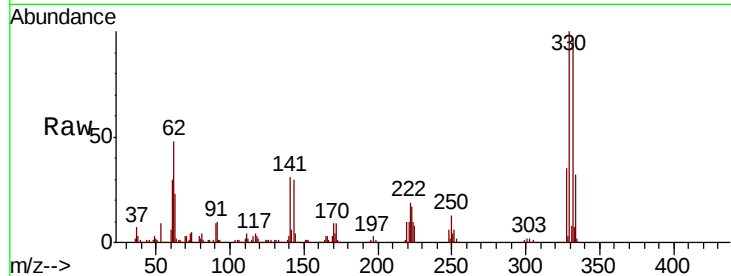




#42
2,4,6-Tribromophenol
Concen: 138.962 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042848.D
Acq: 16 Sep 2019 14:03

Instrument :
BNA_G
ClientSampleId :
PB123110TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	34.2	27.0	40.6

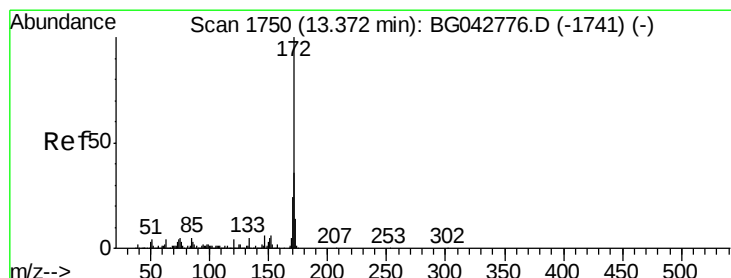
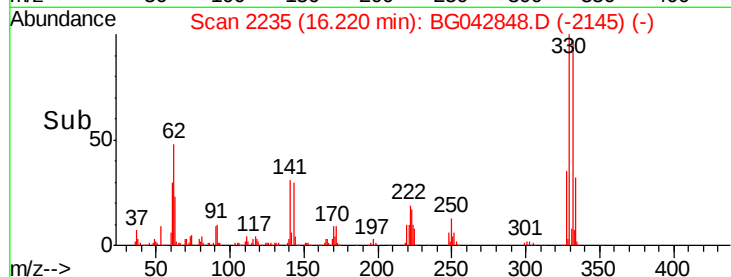
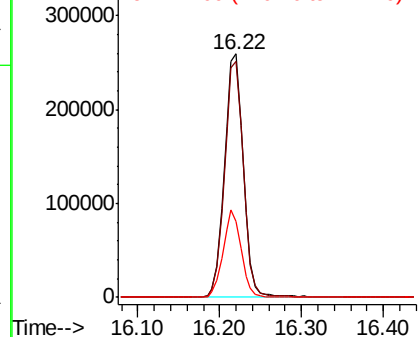


Abundance

Ion 329.80 (329.50 to 330.50): E

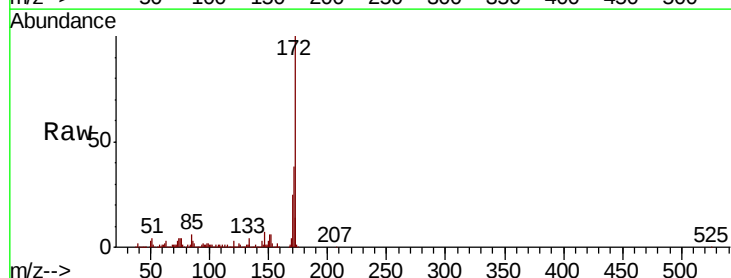
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 86.601 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042848.D
Acq: 16 Sep 2019 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	28.9	43.3
170	24.7	19.1	28.7

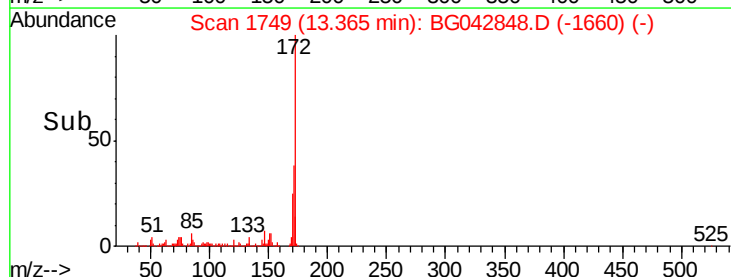
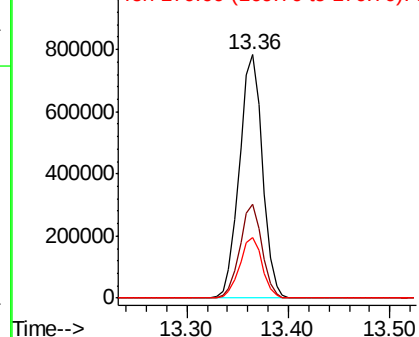


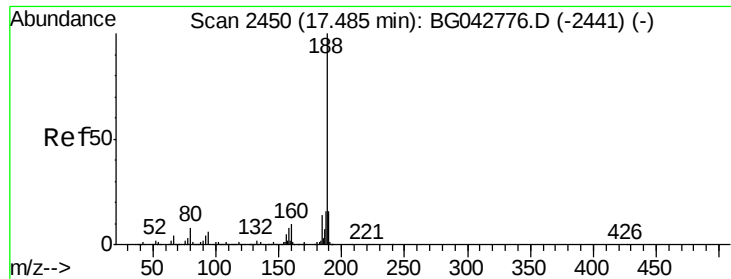
Abundance

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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042848.D

Acq: 16 Sep 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123110TB

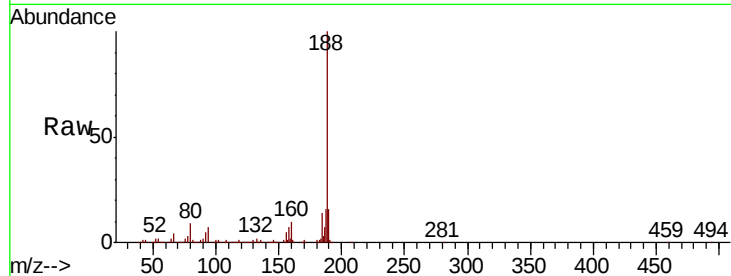
Tot Ion:188 Resp: 584148

Ion Ratio Lower Upper

188 100

94 7.5 4.8 7.2#

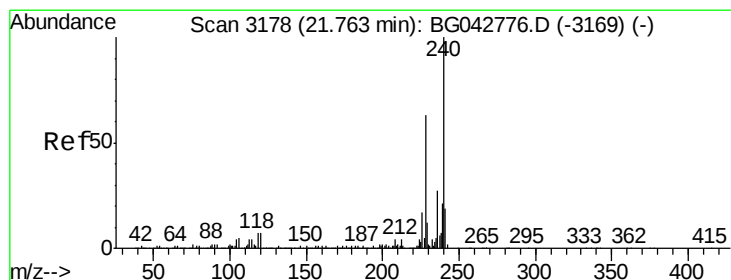
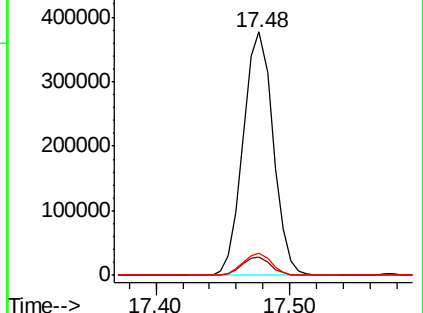
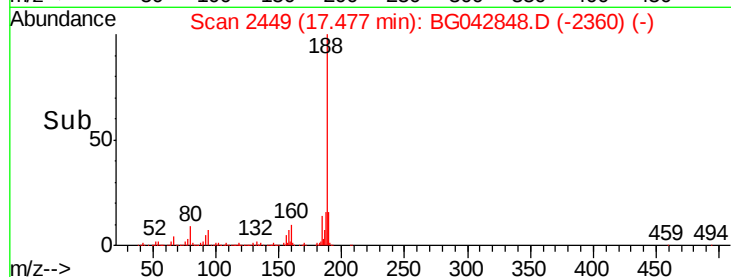
80 9.3 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042848.D

Acq: 16 Sep 2019 14:03

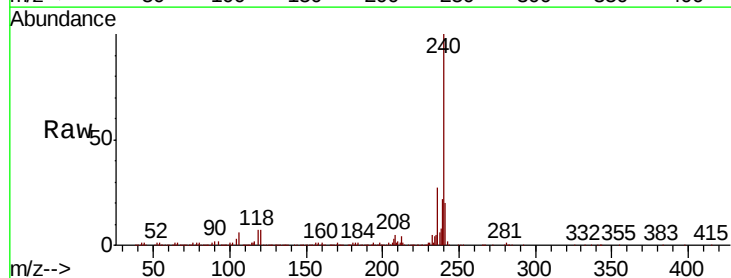
Tgt Ion:240 Resp: 624400

Ion Ratio Lower Upper

240 100

120 6.8 5.4 8.2

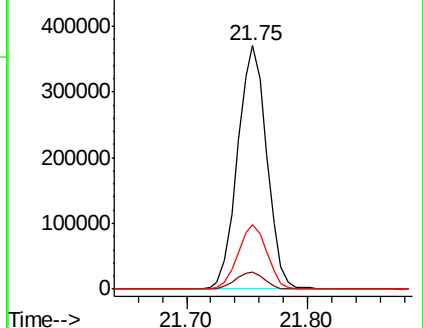
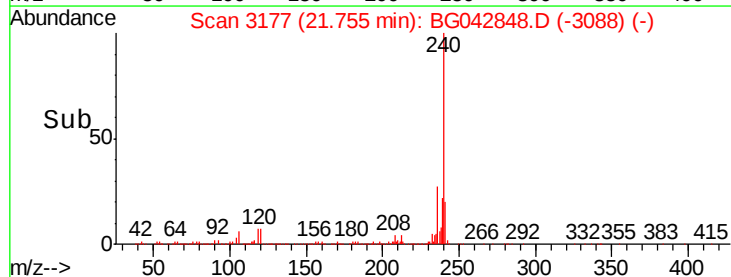
236 26.6 21.7 32.5

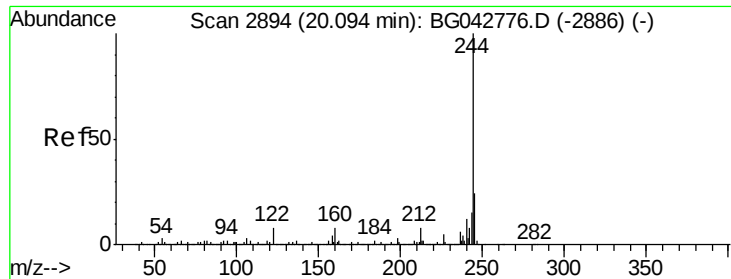


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.110 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042848.D

Acq: 16 Sep 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123110TB

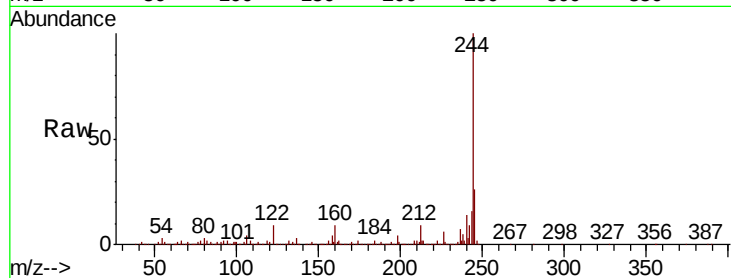
Tot Ion:244 Resp: 2426009

Ion Ratio Lower Upper

244 100

212 9.1 6.6 10.0

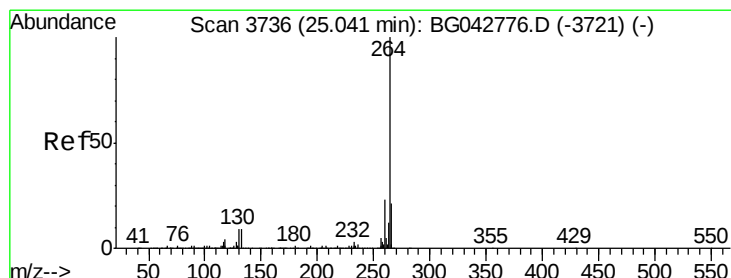
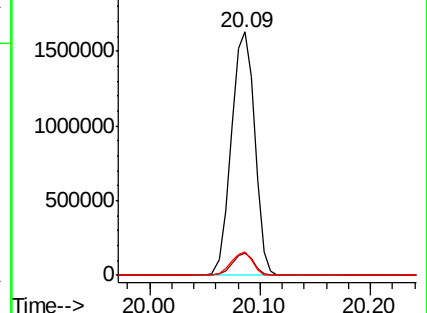
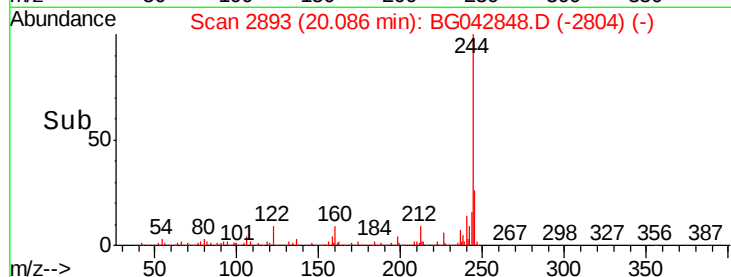
122 9.4 6.2 9.4#



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: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042848.D

Acq: 16 Sep 2019 14:03

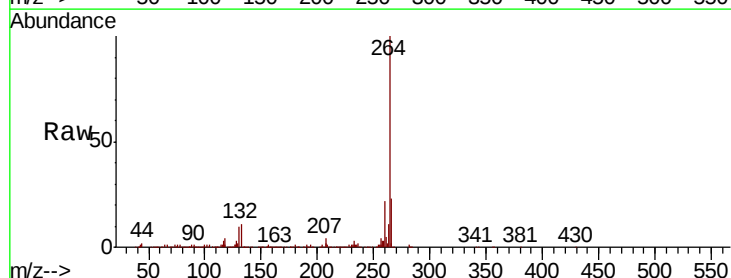
Tgt Ion:264 Resp: 670421

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.2

265 22.7 16.9 25.3



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

