

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046457.D
 Acq On : 26 Aug 2020 17:10
 Operator : CG/JU
 Sample : PB131215TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131215TB

Quant Time: Aug 26 17:51:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	62859	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	252167	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	167356	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	436510	20.00	ng	0.00
76) Chrysene-d12	21.55	240	570800	20.00	ng	0.00
86) Perylene-d12	24.66	264	571046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	435801	122.80	ng	0.00
7) Phenol-d6	7.10	99	555275	110.37	ng	0.00
23) Nitrobenzene-d5	9.08	82	353510	80.13	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	249085	109.85	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	920205	83.94	ng	0.00
79) Terphenyl-d14	19.92	244	1829929	68.23	ng	0.00

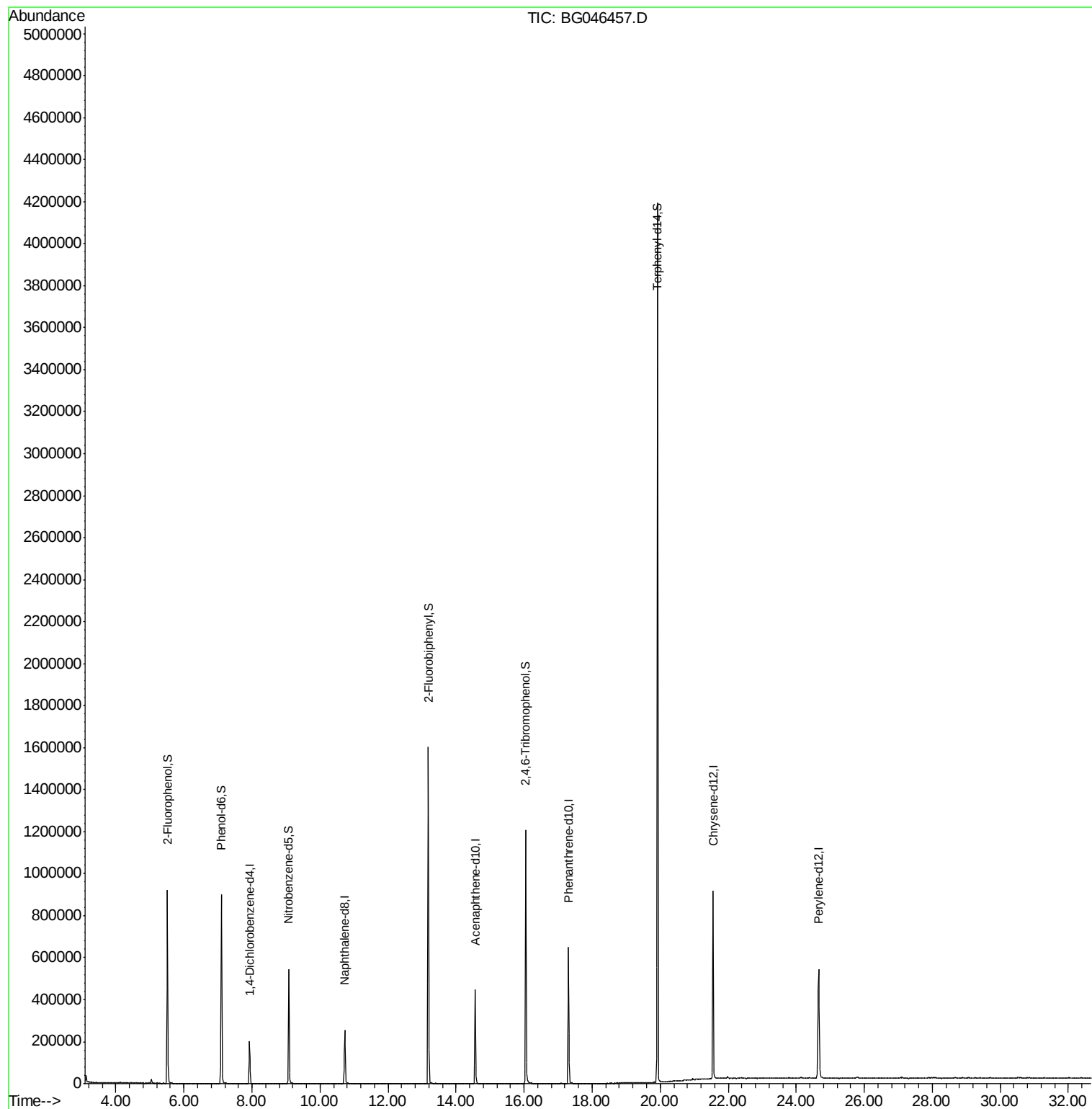
Target Compounds Qvalue

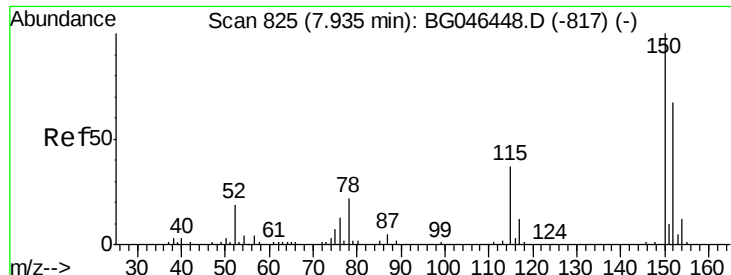
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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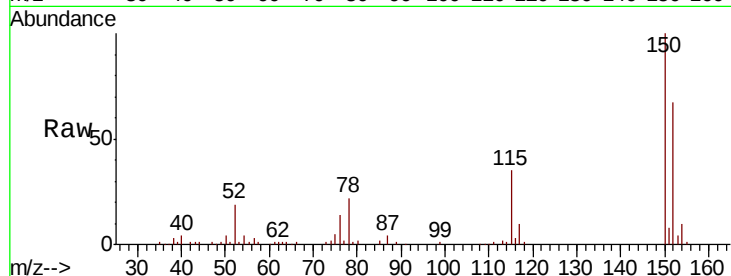


#1

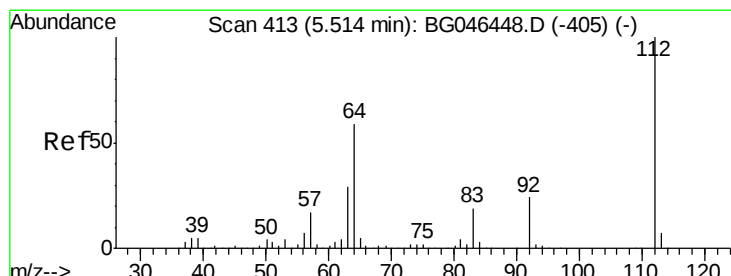
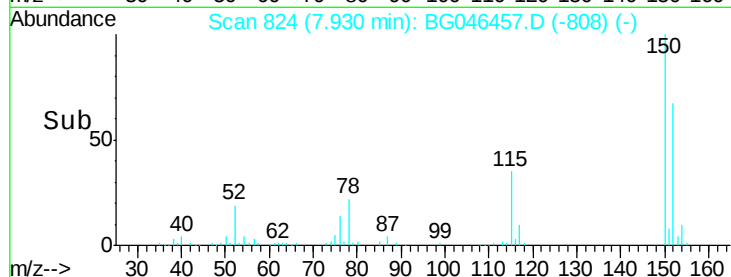
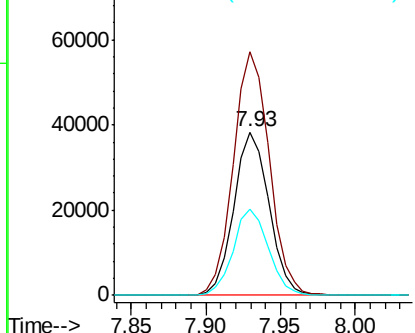
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046457.D
Acq: 26 Aug 2020 17:10

Instrument :
BNA_G
ClientSampleId :
PB131215TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	119.5	179.3
115	52.5	44.3	66.5



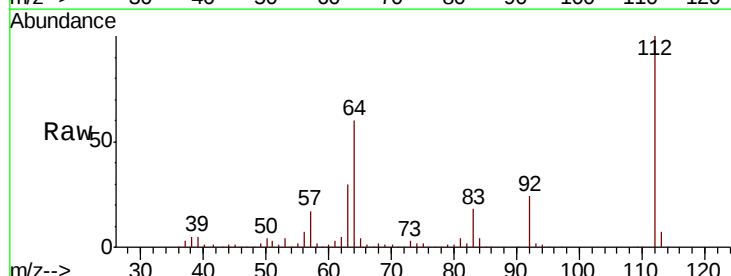
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



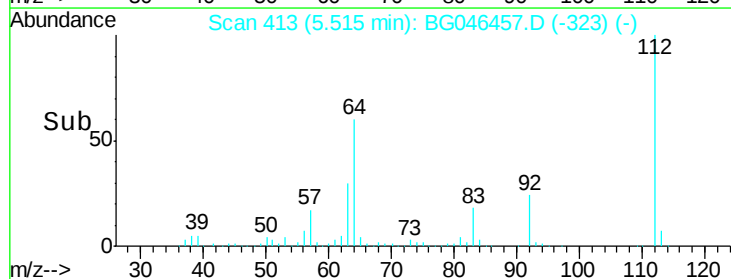
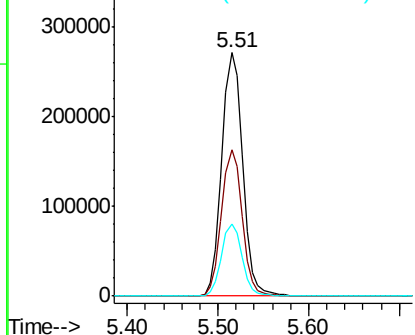
#5

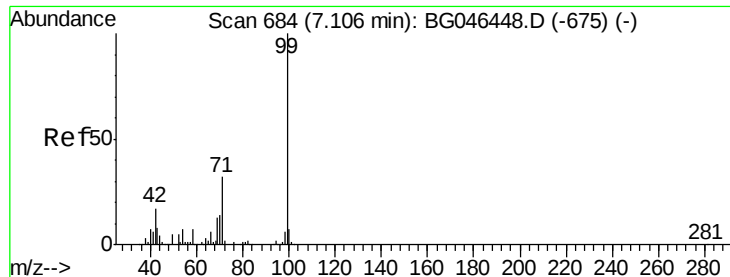
2-Fluorophenol
Concen: 122.796 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046457.D
Acq: 26 Aug 2020 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.0	70.6
63	29.7	23.5	35.3



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: 110.370 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046457.D

Acq: 26 Aug 2020 17:10

Instrument :

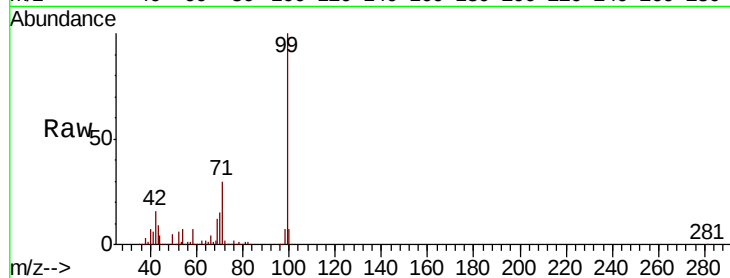
BNA_G

ClientSampleId :

PB131215TB

Tot Ion: 99 Resp: 555275

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.3	19.9
71	30.5	25.3	37.9

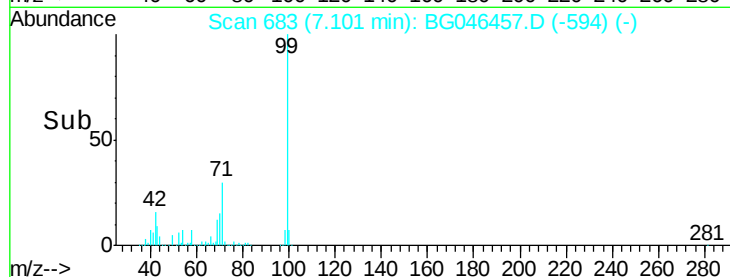
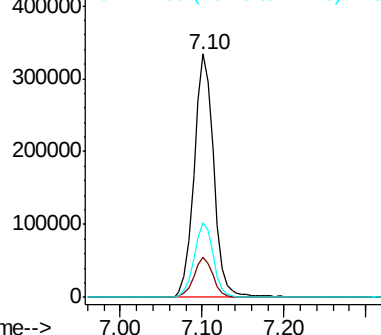


Abundance

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: 10.73 min Scan# 1300

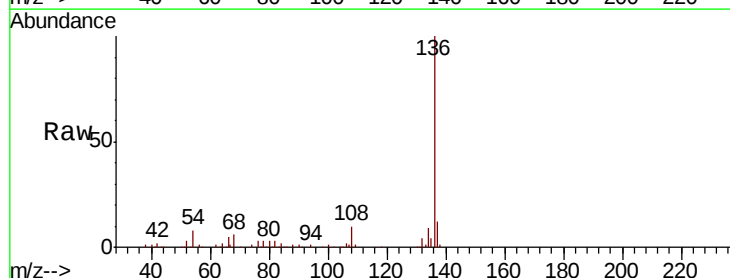
Delta R.T. -0.01 min

Lab File: BG046457.D

Acq: 26 Aug 2020 17:10

Tgt Ion: 136 Resp: 252167

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.8	13.2
54	8.0	6.1	9.1
68	5.8	4.8	7.2



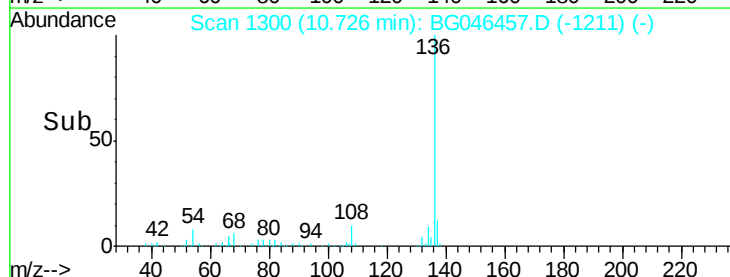
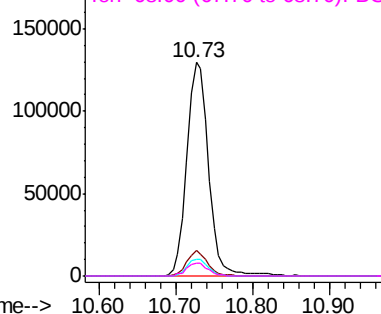
Abundance

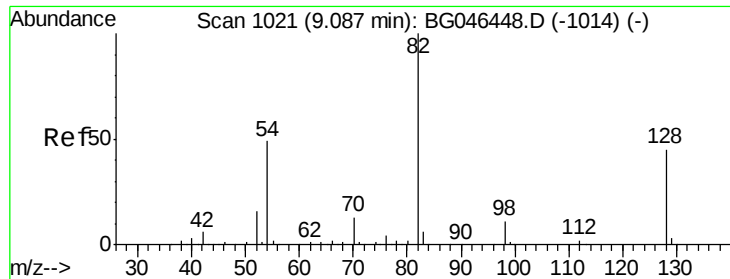
Ion 136.00 (135.70 to 136.70): BGC

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

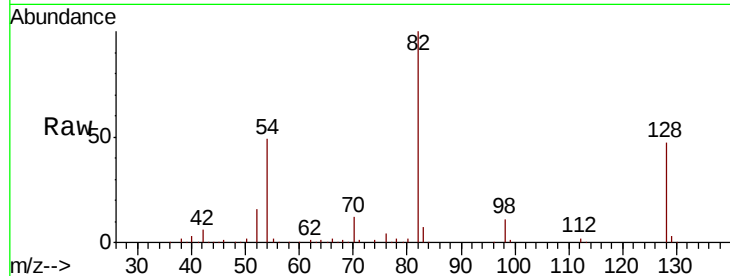




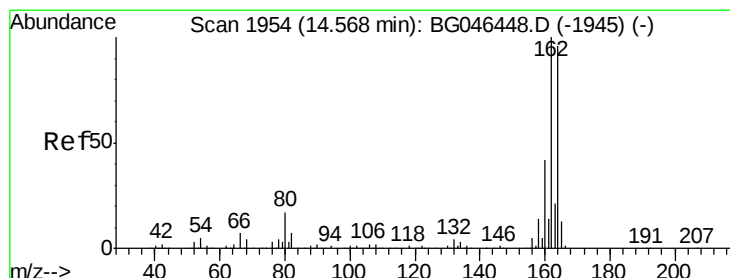
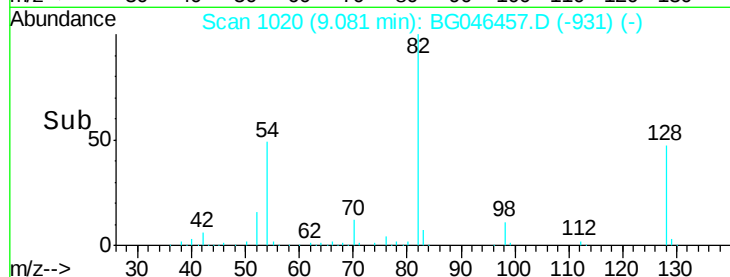
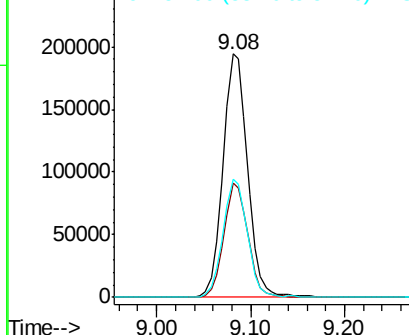
#23
 Nitrobenzene-d5
 Concen: 80.125 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG046457.D
 Acq: 26 Aug 2020 17:10

Instrument :
 BNA_G
 ClientSampleID :
 PB131215TB

Tot Ion	82	Resp	353510
Ion Ratio	Lower	Upper	
82	100		
128	46.8	35.7	53.5
54	48.5	39.4	59.0

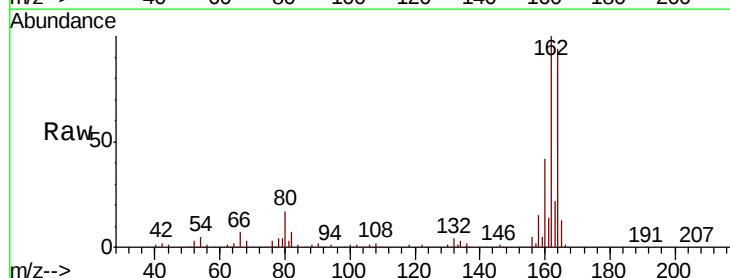


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

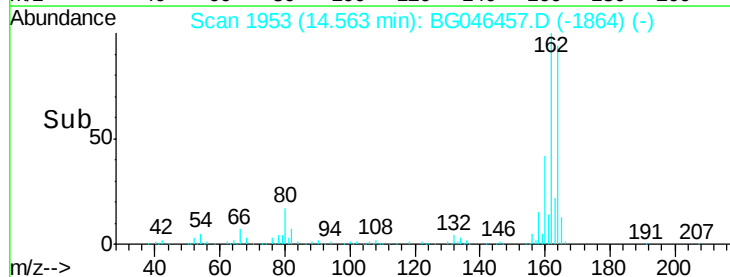
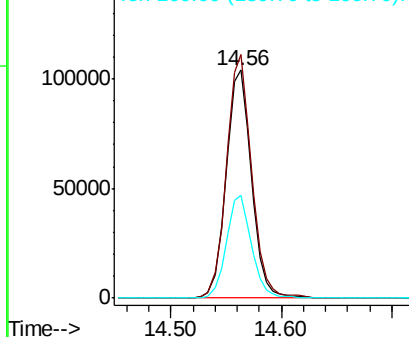


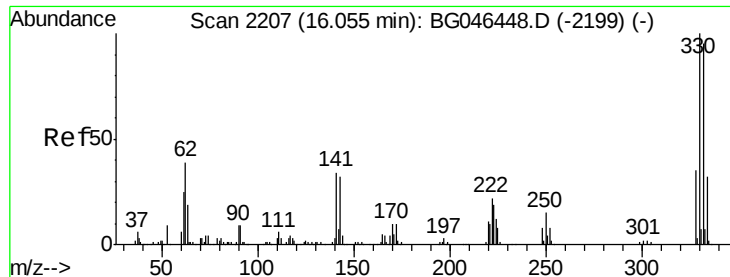
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG046457.D
 Acq: 26 Aug 2020 17:10

Tgt Ion	164	Resp	167356
Ion Ratio	Lower	Upper	
164	100		
162	106.9	83.3	124.9
160	45.4	35.0	52.6



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

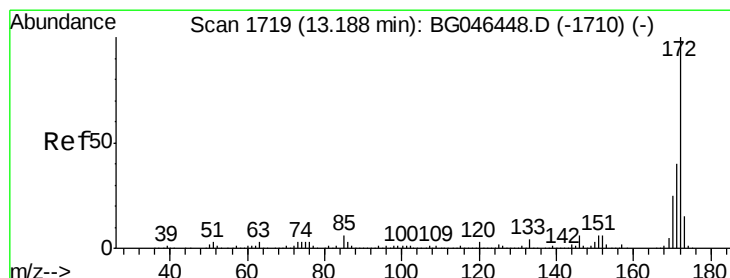
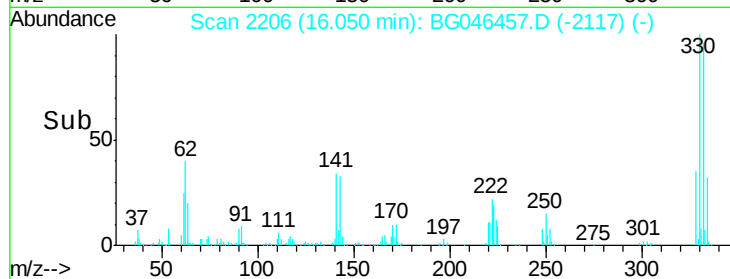
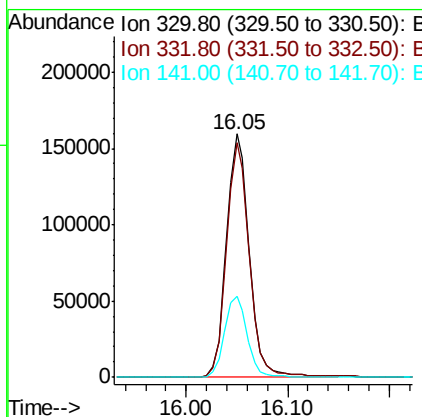
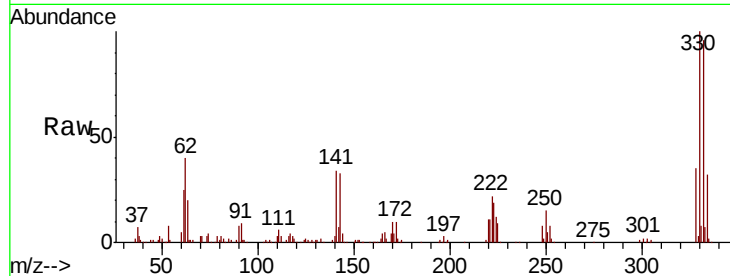




#42
 2,4,6-Tribromophenol
 Concen: 109.847 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG046457.D
 Acq: 26 Aug 2020 17:10

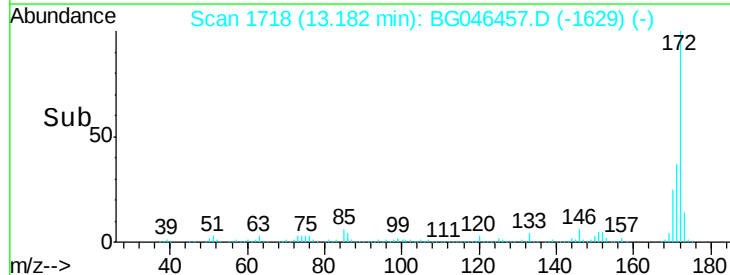
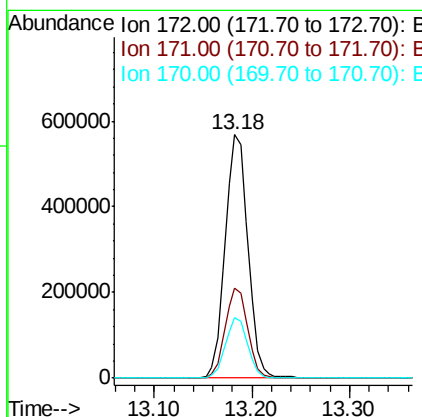
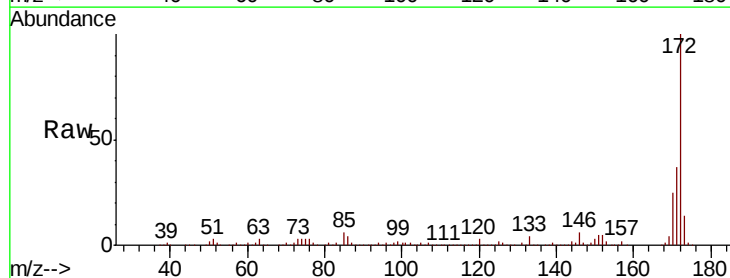
Instrument :
 BNA_G
 ClientSampleId :
 PB131215TB

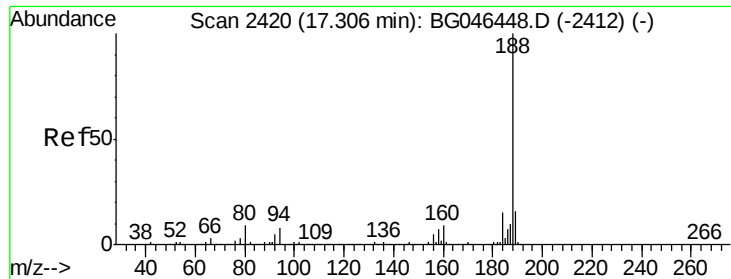
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.1	114.1
141	33.7	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 83.938 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046457.D
 Acq: 26 Aug 2020 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.8	47.6
170	24.9	20.3	30.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG046457.D

Acq: 26 Aug 2020 17:10

Instrument :

BNA_G

ClientSampleId :

PB131215TB

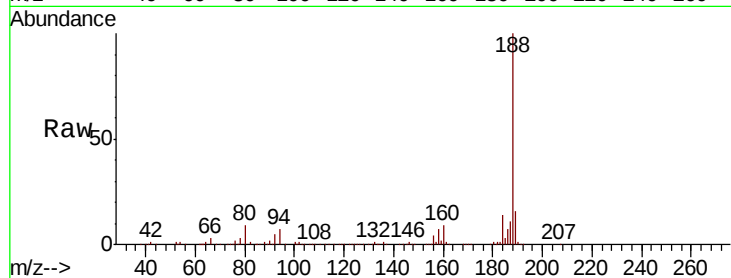
Tot Ion:188 Resp: 436510

Ion Ratio Lower Upper

188 100

94 7.1 6.3 9.5

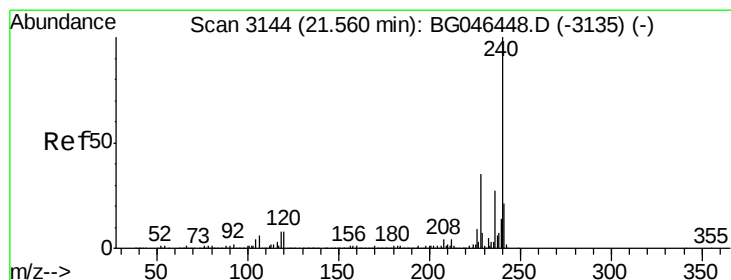
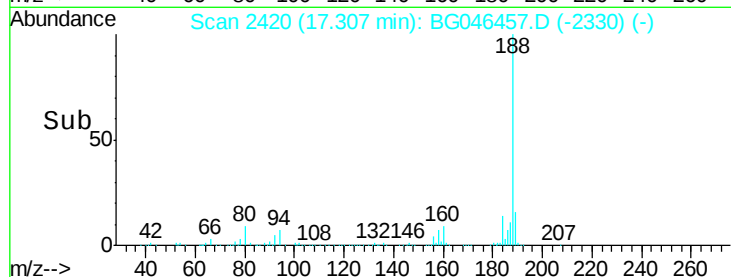
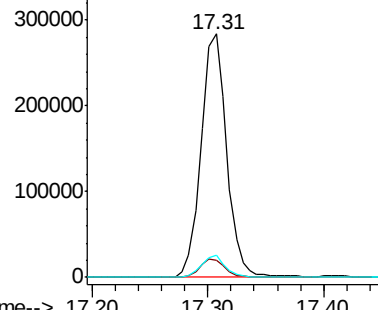
80 8.9 6.9 10.3



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: 21.55 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG046457.D

Acq: 26 Aug 2020 17:10

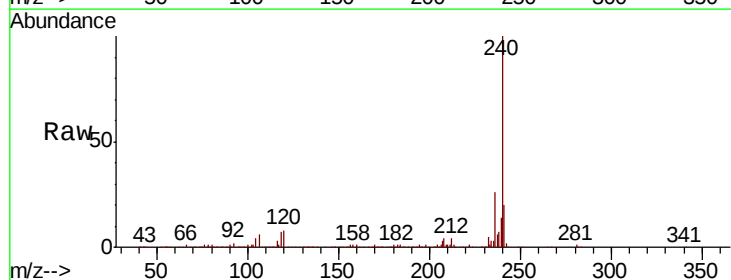
Tgt Ion:240 Resp: 570800

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

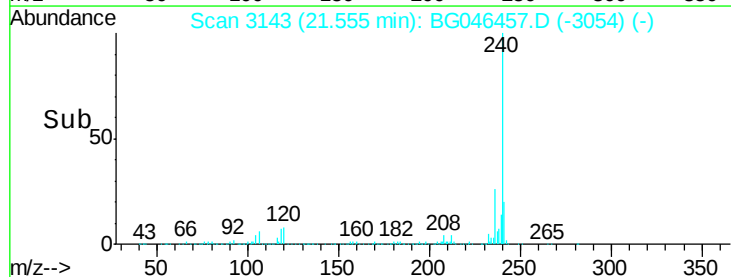
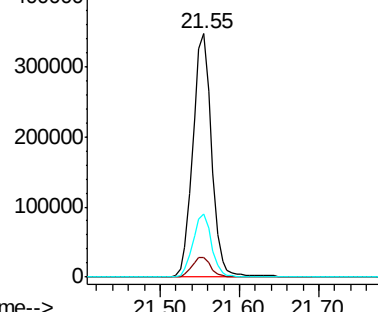
236 25.8 21.4 32.2

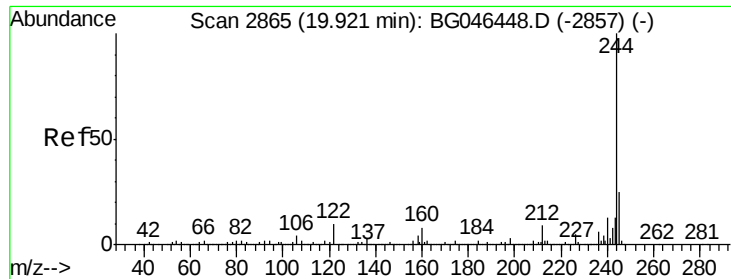


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.227 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046457.D

Acq: 26 Aug 2020 17:10

Instrument :

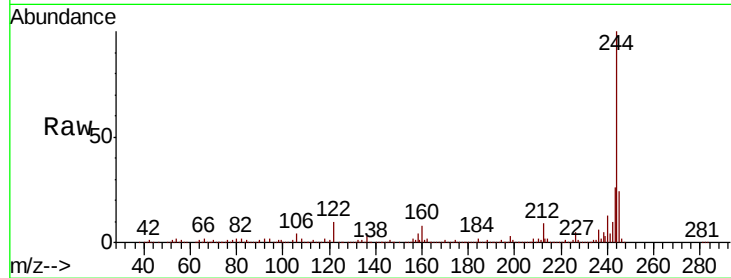
BNA_G

ClientSampleId :

PB131215TB

Tot Ion:244 Resp: 1829929

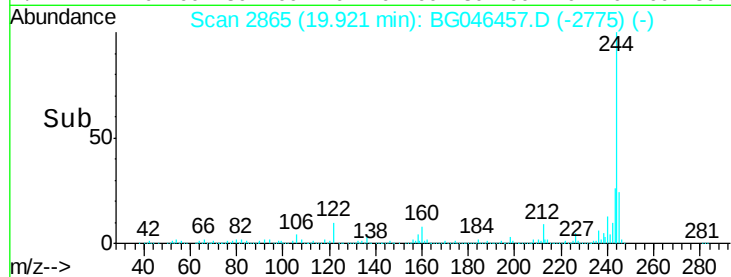
Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	10.0	8.2	12.4



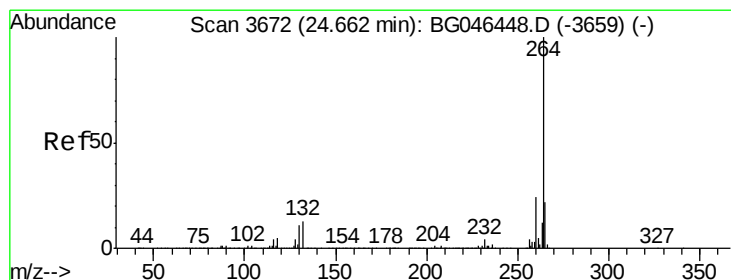
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.80 19.90 20.00 20.10



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

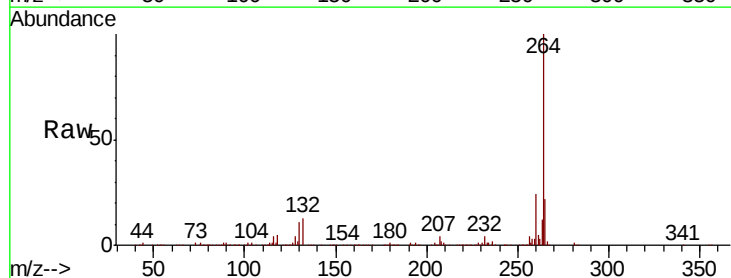
Delta R.T. -0.01 min

Lab File: BG046457.D

Acq: 26 Aug 2020 17:10

Tgt Ion:264 Resp: 571046

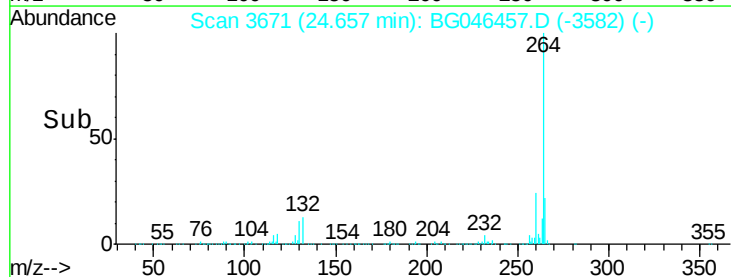
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.4	17.9	26.9



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



Time--> 24.50 24.60 24.70 24.80