

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046535.D
 Acq On : 4 Sep 2020 10:56
 Operator : CG/JU
 Sample : PB131406TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131406TB

Quant Time: Sep 04 12:13:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	66355	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	265819	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	183508	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	443744	20.00	ng	0.00
76) Chrysene-d12	21.55	240	476943	20.00	ng	0.00
86) Perylene-d12	24.65	264	463295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	428348	114.34	ng	0.00
7) Phenol-d6	7.10	99	547343	103.06	ng	0.00
23) Nitrobenzene-d5	9.08	82	366929	78.90	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	257804	103.69	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	982958	81.77	ng	0.00
79) Terphenyl-d14	19.91	244	1625844	72.55	ng	0.00

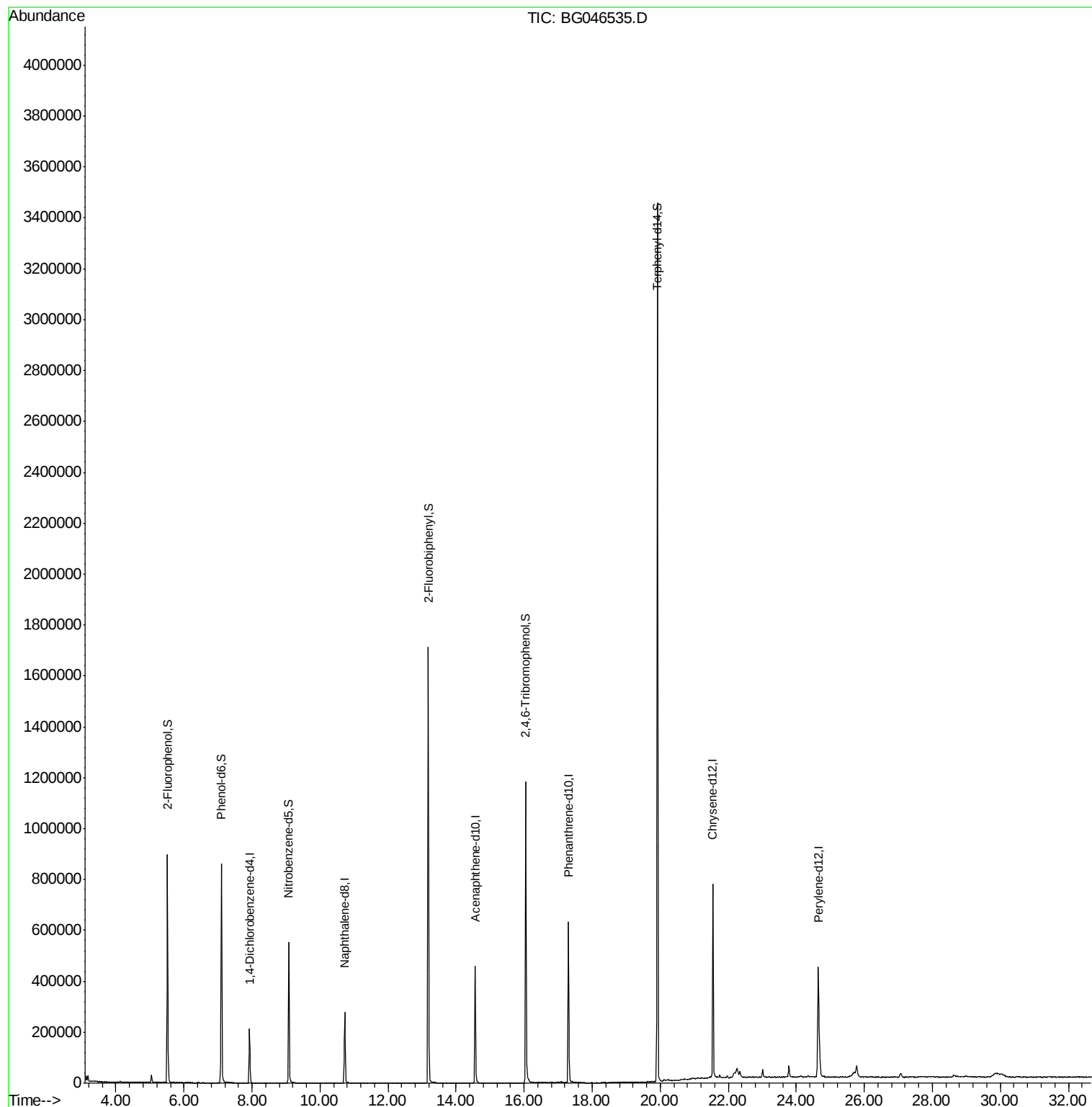
Target Compounds Qvalue

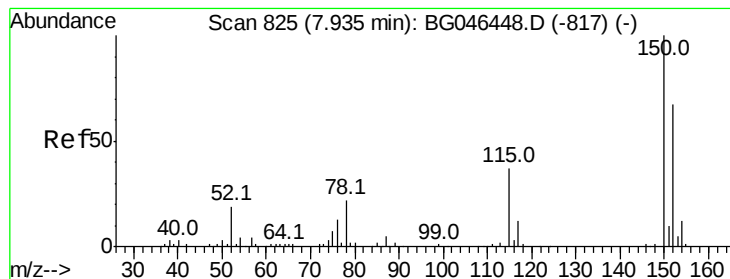
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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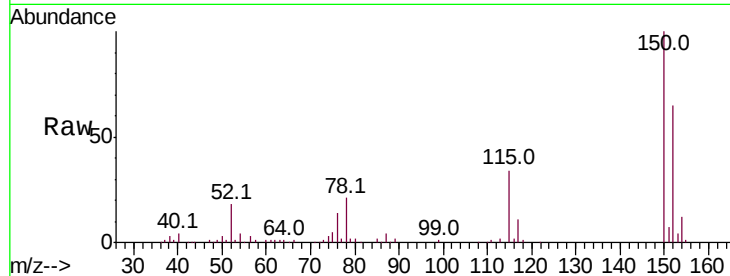


#1

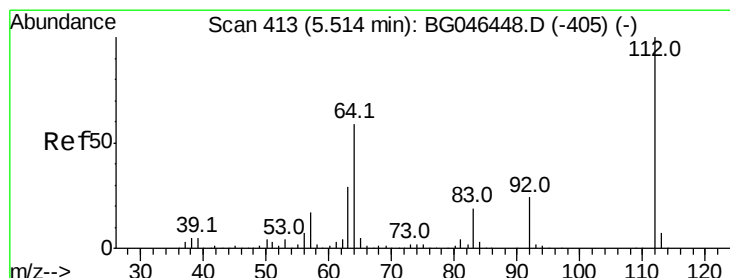
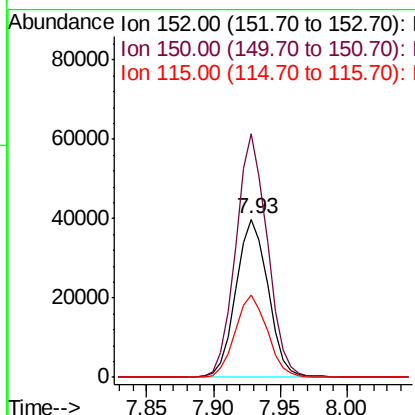
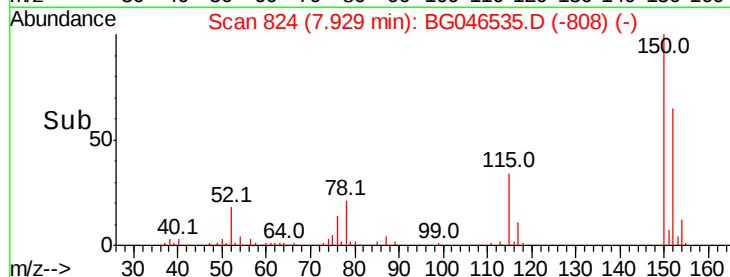
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046535.D
Acq: 4 Sep 2020 10:56

Instrument :
BNA_G
ClientSampleId :
PB131406TB

Tot Ion:152 Resp: 66355
Ion Ratio Lower Upper
152 100
150 154.0 119.5 179.3
115 51.9 44.3 66.5



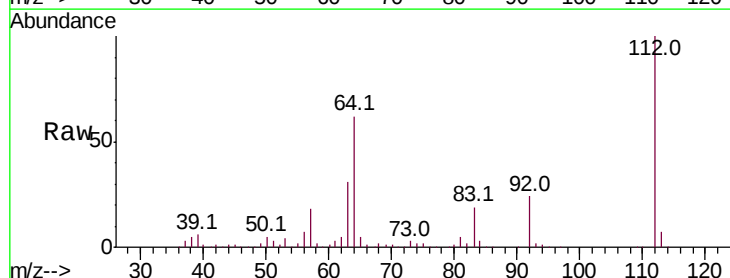
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



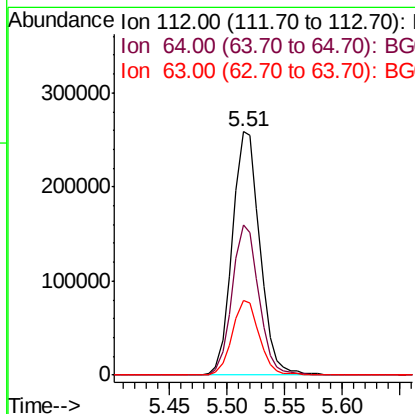
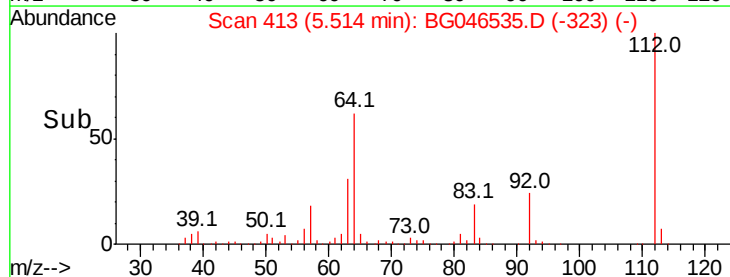
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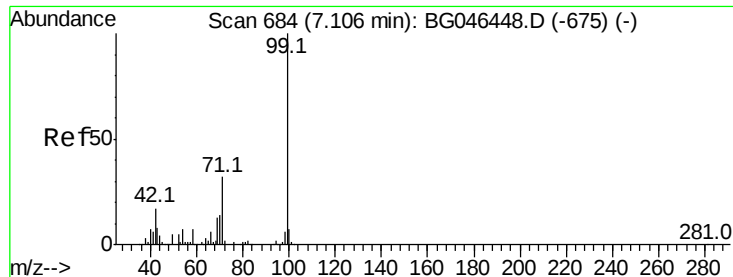
2-Fluorophenol
Concen: 114.337 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG046535.D
Acq: 4 Sep 2020 10:56

Tgt Ion:112 Resp: 428348
Ion Ratio Lower Upper
112 100
64 61.9 47.0 70.6
63 30.6 23.5 35.3



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: 103.061 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046535.D

Acq: 4 Sep 2020 10:56

Instrument :

BNA_G

ClientSampleId :

PB131406TB

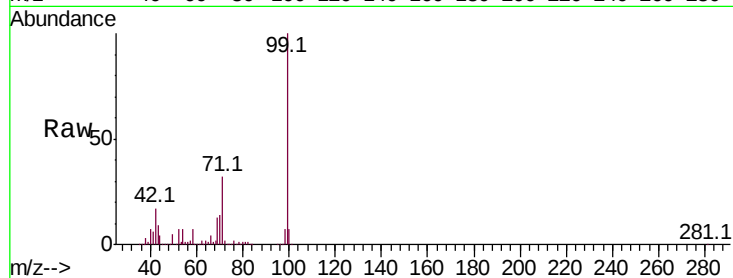
Tot Ion: 99 Resp: 547343

Ion Ratio Lower Upper

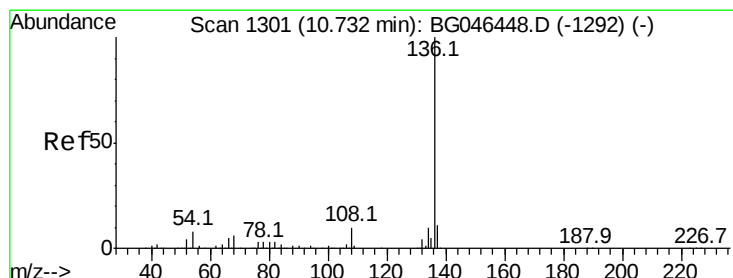
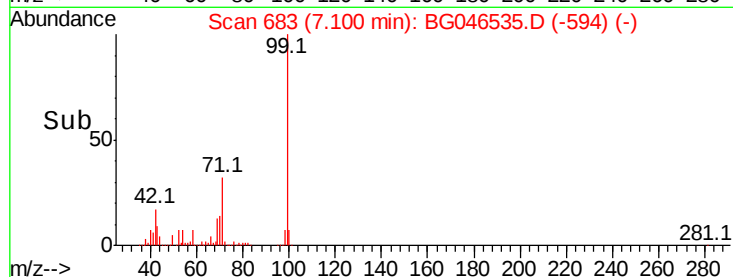
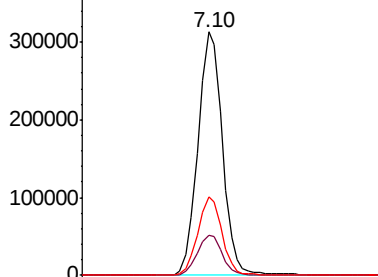
99 100

42 16.7 13.3 19.9

71 32.4 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. -0.00 min

Lab File: BG046535.D

Acq: 4 Sep 2020 10:56

Tgt Ion: 136 Resp: 265819

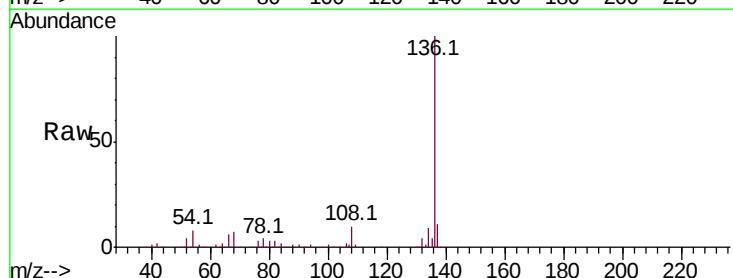
Ion Ratio Lower Upper

136 100

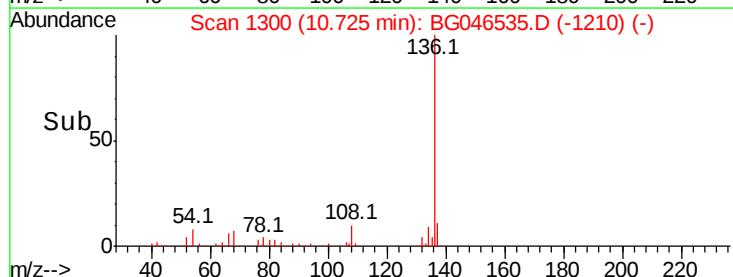
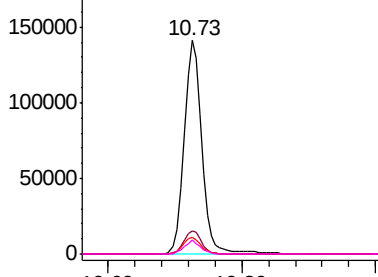
137 11.1 8.8 13.2

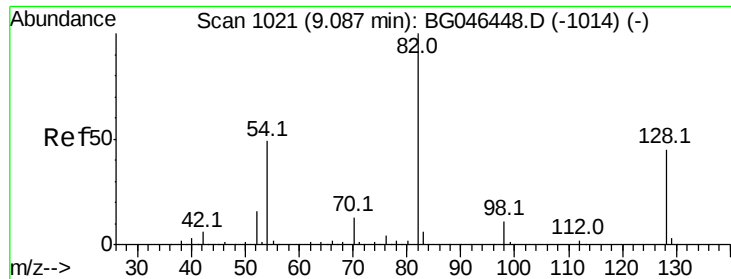
54 7.9 6.1 9.1

68 6.6 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

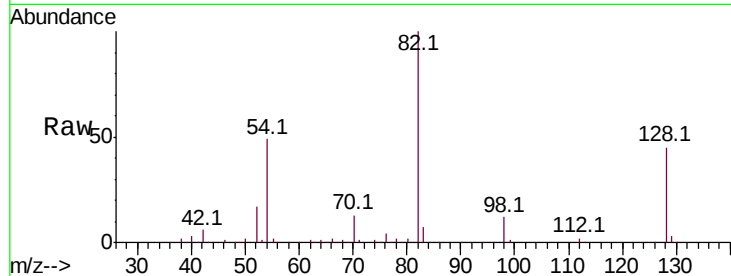




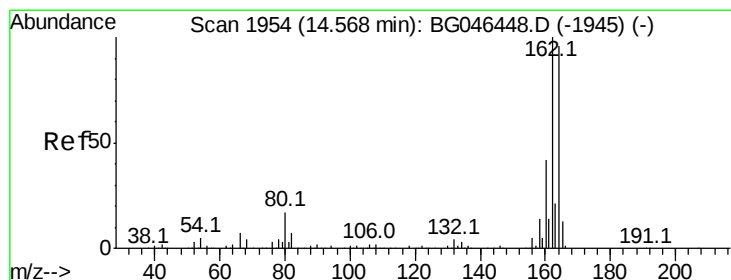
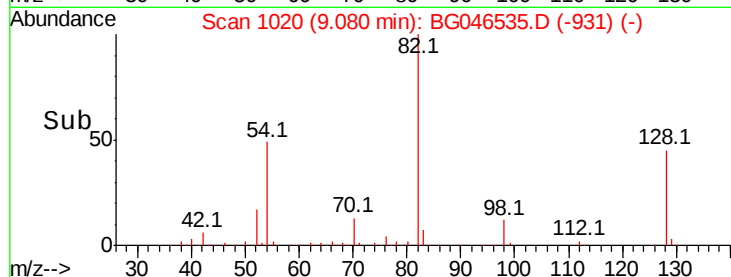
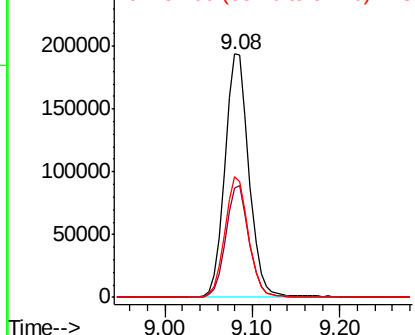
#23
 Nitrobenzene-d5
 Concen: 78.895 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG046535.D
 Acq: 4 Sep 2020 10:56

Instrument :
 BNA_G
 ClientSampleId :
 PB131406TB

Tot Ion	82	Resp	366929
Ion Ratio	Lower	Upper	
82	100		
128	44.8	35.7	53.5
54	49.4	39.4	59.0

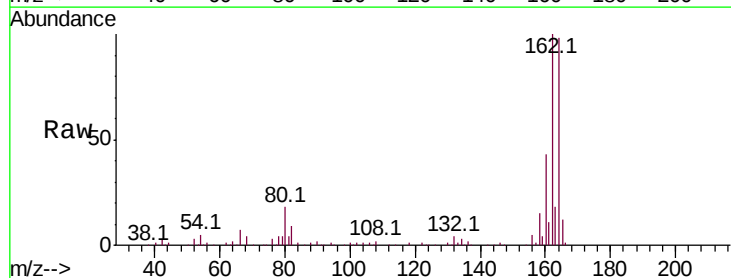


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

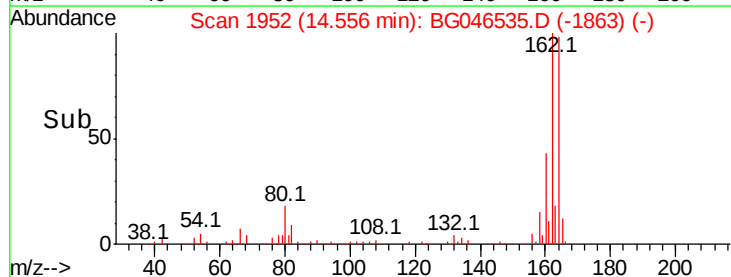
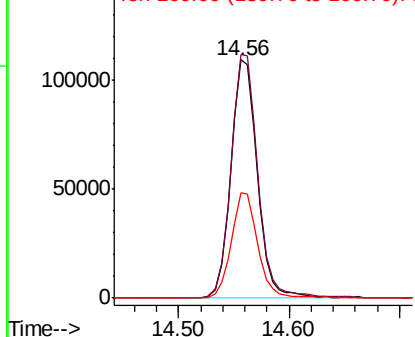


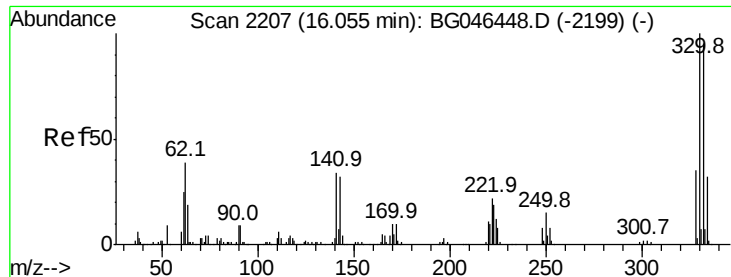
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG046535.D
 Acq: 4 Sep 2020 10:56

Tgt Ion	164	Resp	183508
Ion Ratio	Lower	Upper	
164	100		
162	102.3	83.3	124.9
160	44.5	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

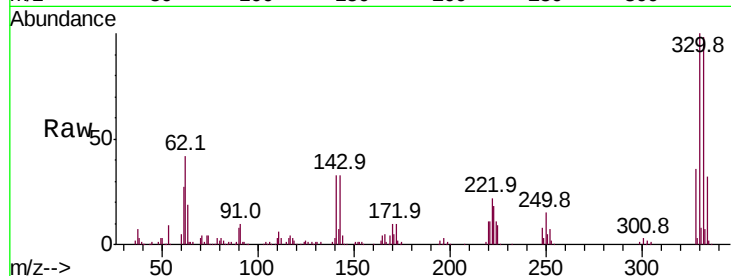




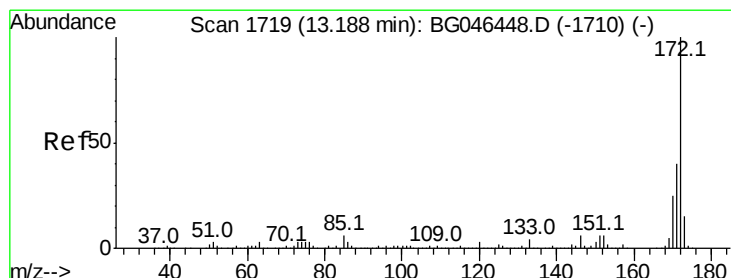
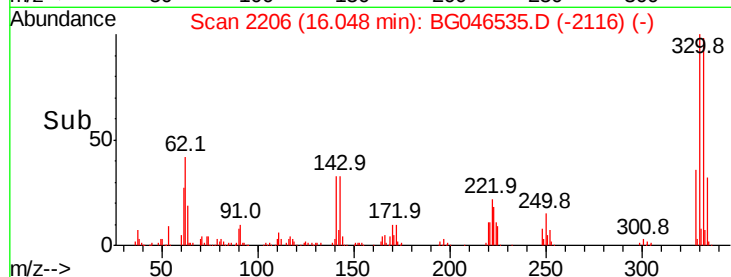
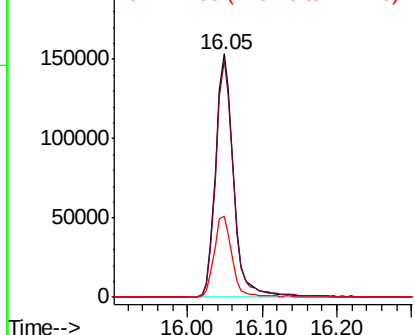
#42
 2,4,6-Tribromophenol
 Concen: 103.685 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG046535.D
 Acq: 4 Sep 2020 10:56

Instrument :
 BNA_G
 ClientSampleId :
 PB131406TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.1	114.1
141	33.1	26.1	39.1

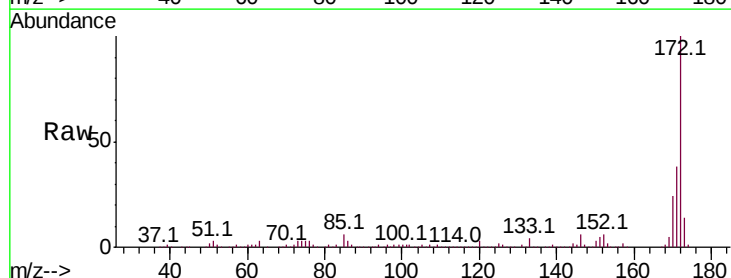


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

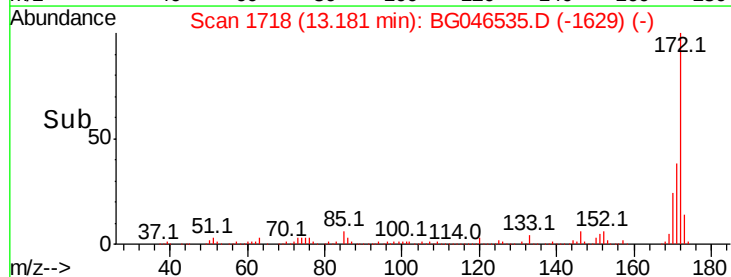
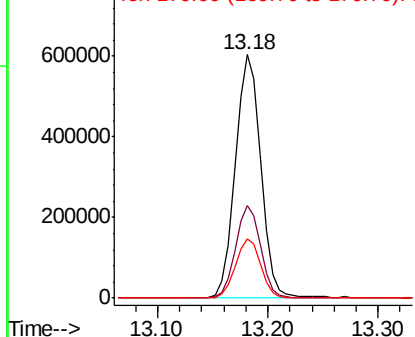


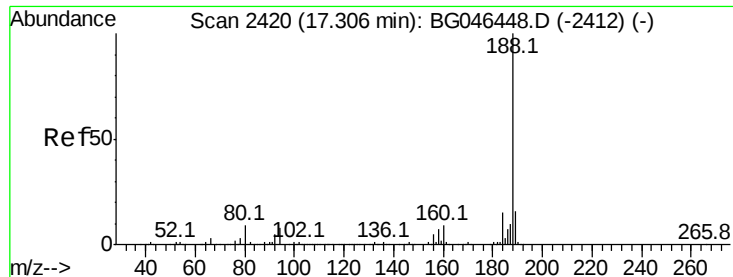
#45
 2-Fluorobiphenyl
 Concen: 81.770 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046535.D
 Acq: 4 Sep 2020 10:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.8	47.6
170	24.4	20.3	30.5



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

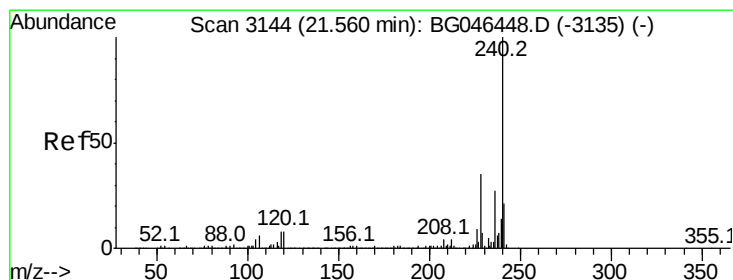
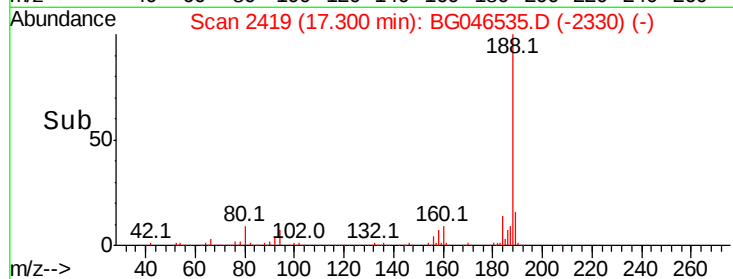
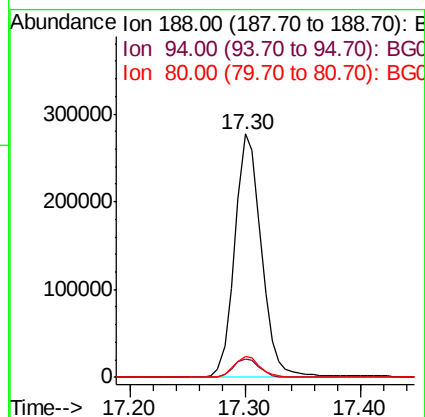
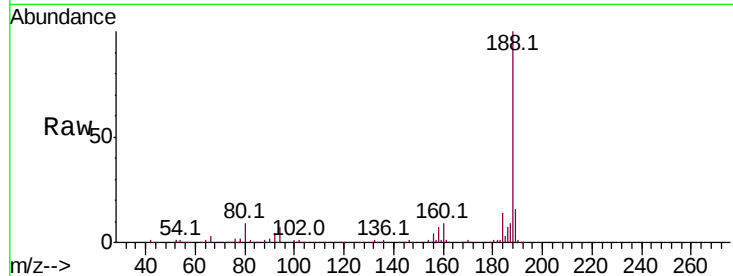




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG046535.D
Acq: 4 Sep 2020 10:56

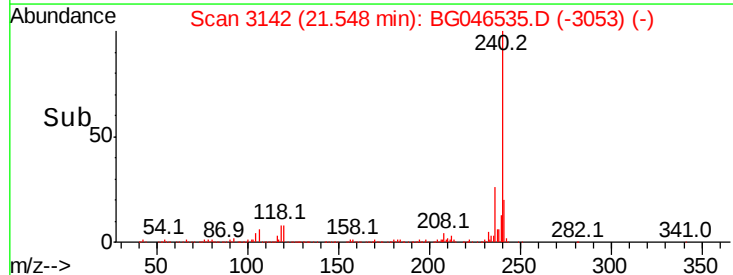
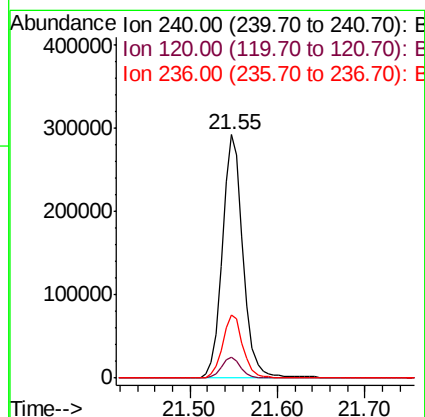
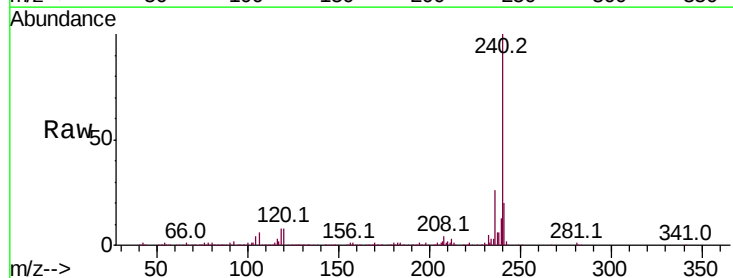
Instrument :
BNA_G
ClientSampleId :
PB131406TB

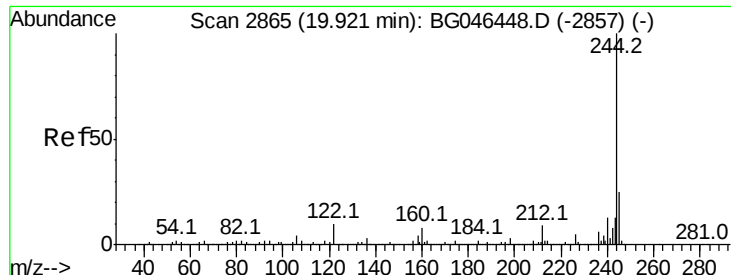
Tot Ion:188 Resp: 443744
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 8.7 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046535.D
Acq: 4 Sep 2020 10:56

Tgt Ion:240 Resp: 476943
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 25.7 21.4 32.2





#79

Terphenyl-d14

Concen: 72.547 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046535.D

Acq: 4 Sep 2020 10:56

Instrument :

BNA_G

ClientSampleId :

PB131406TB

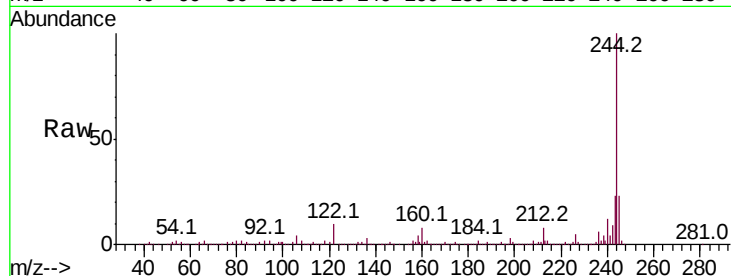
Tot Ion:244 Resp: 1625844

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

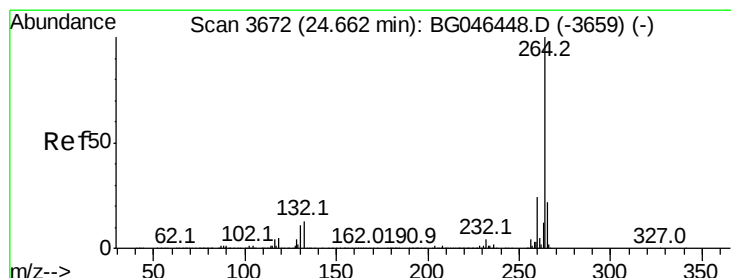
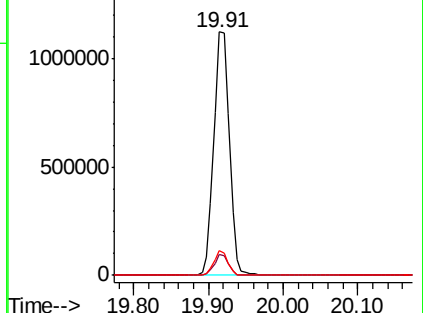
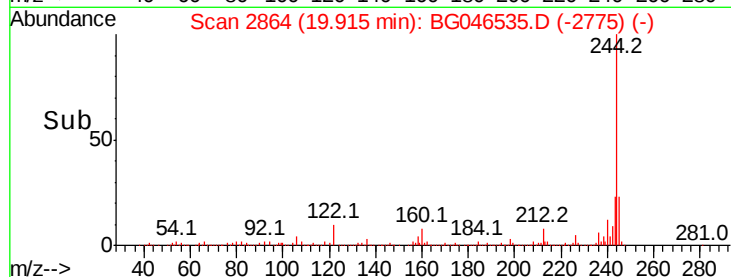
122 9.9 8.2 12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG046535.D

Acq: 4 Sep 2020 10:56

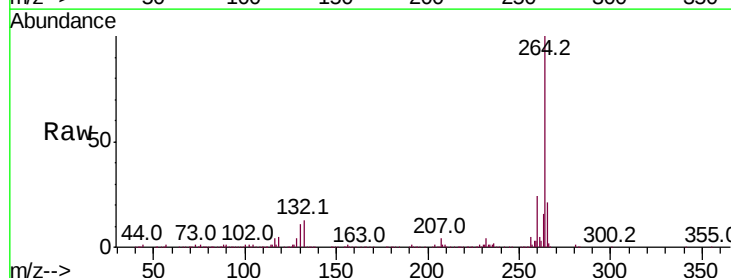
Tgt Ion:264 Resp: 463295

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.5 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

