

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046569.D
 Acq On : 9 Sep 2020 12:22
 Operator : CG/JU
 Sample : PB131493BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131493BL

Quant Time: Sep 09 13:49:45 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	74086	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	288597	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	195760	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	460148	20.00	ng	0.00
76) Chrysene-d12	21.55	240	485320	20.00	ng	0.00
86) Perylene-d12	24.65	264	474088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	480449	114.86	ng	0.00
7) Phenol-d6	7.10	99	611657	103.15	ng	0.00
23) Nitrobenzene-d5	9.08	82	409109	81.02	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	269843	101.73	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1076978	83.98	ng	0.00
79) Terphenyl-d14	19.92	244	1629801	71.47	ng	0.00

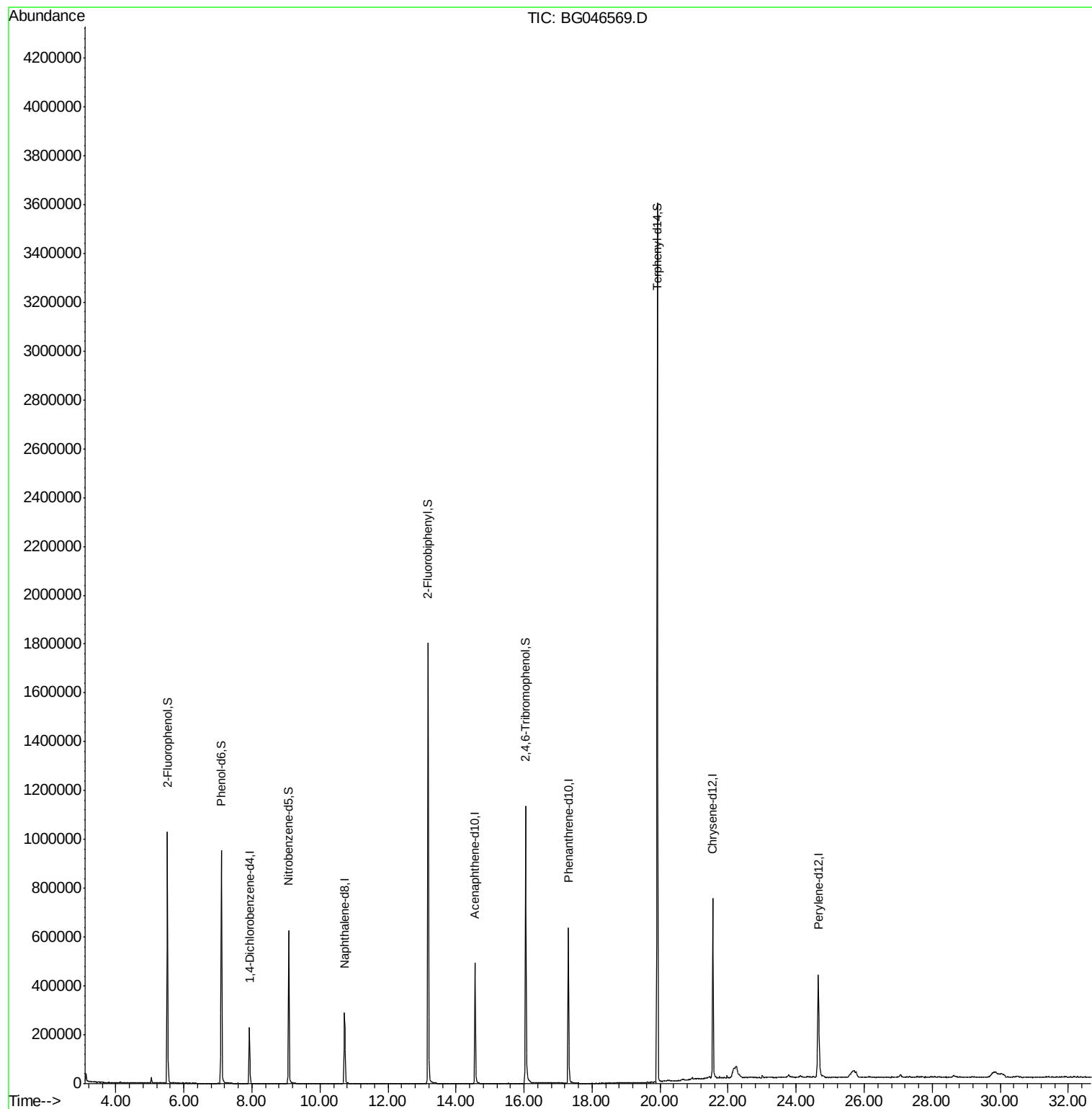
Target Compounds Qvalue

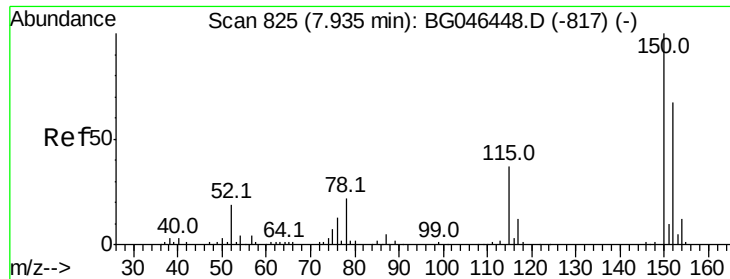
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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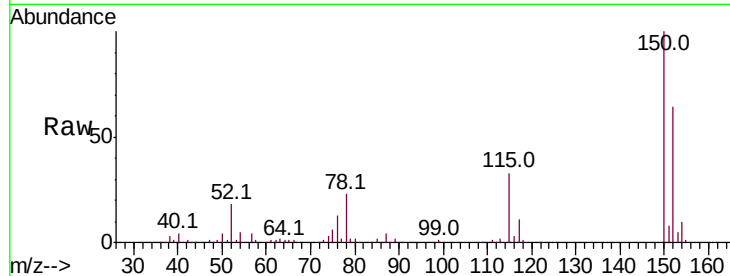


#1

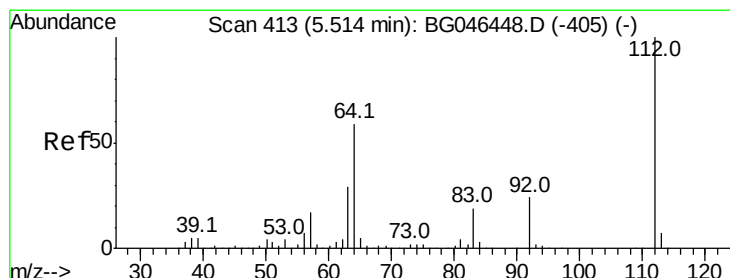
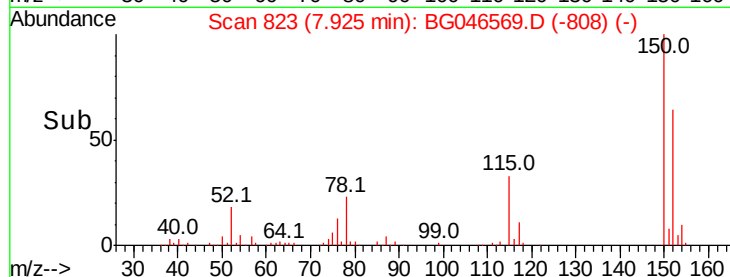
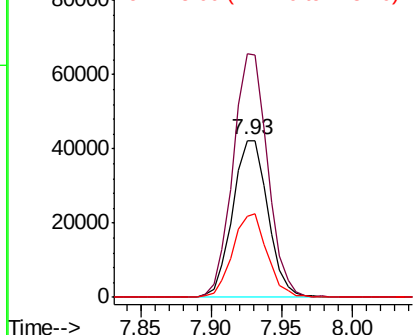
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046569.D
Acq: 9 Sep 2020 12:22

Instrument :
BNA_G
ClientSampleId :
PB131493BL

Tot Ion:152 Resp: 74086
Ion Ratio Lower Upper
152 100
150 155.4 119.5 179.3
115 52.0 44.3 66.5



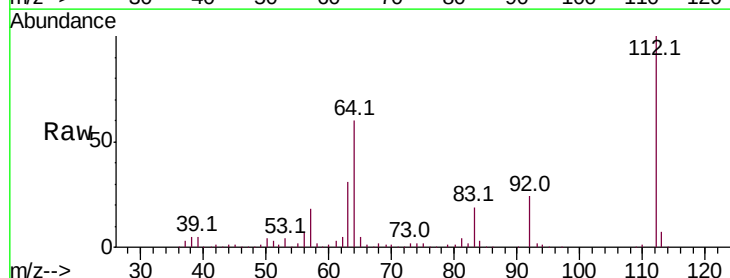
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



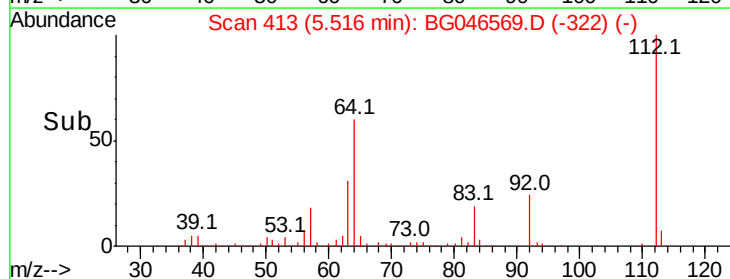
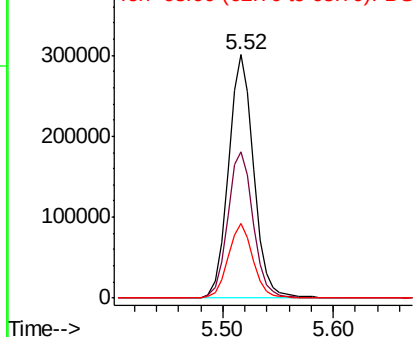
#5

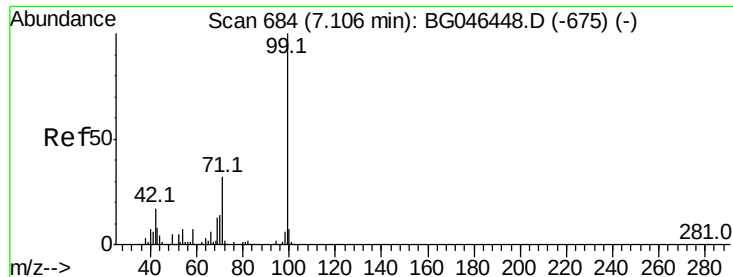
2-Fluorophenol
Concen: 114.862 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046569.D
Acq: 9 Sep 2020 12:22

Tgt Ion:112 Resp: 480449
Ion Ratio Lower Upper
112 100
64 60.1 47.0 70.6
63 30.9 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: 103.153 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046569.D

Acq: 9 Sep 2020 12:22

Instrument :

BNA_G

ClientSampleId :

PB131493BL

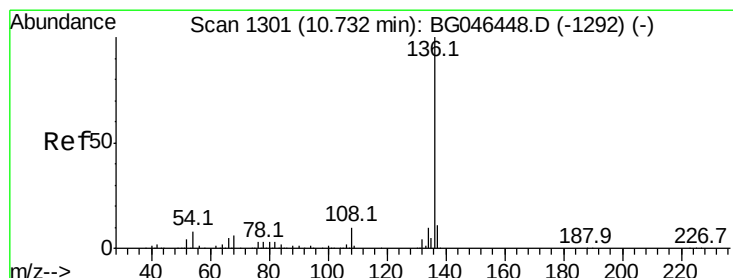
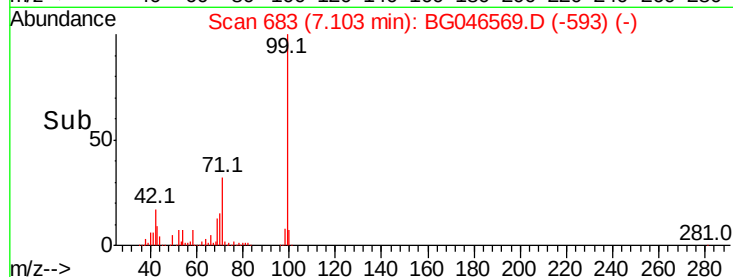
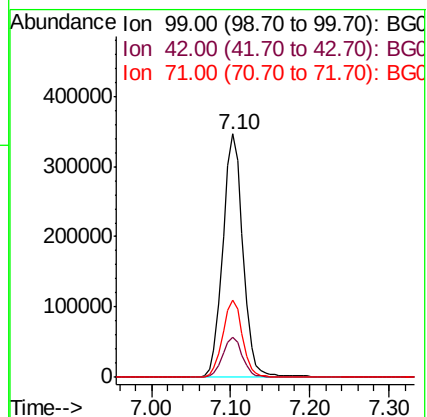
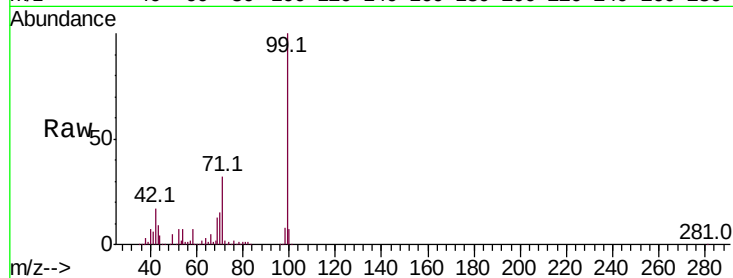
Tot Ion: 99 Resp: 611657

Ion Ratio Lower Upper

99 100

42 16.5 13.3 19.9

71 31.7 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG046569.D

Acq: 9 Sep 2020 12:22

Tgt Ion: 136 Resp: 288597

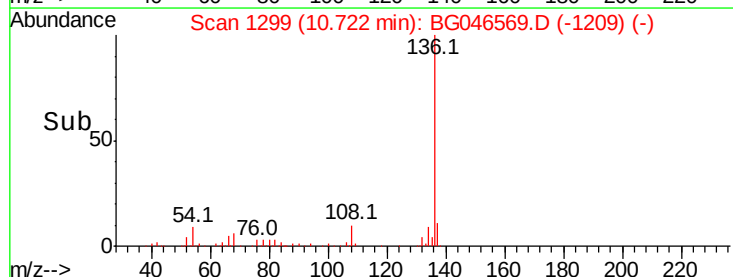
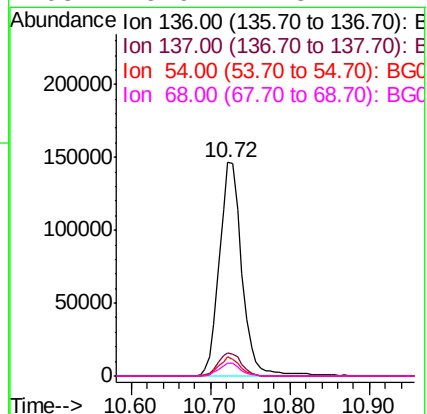
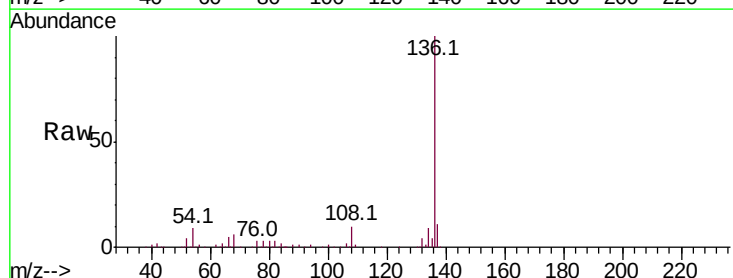
Ion Ratio Lower Upper

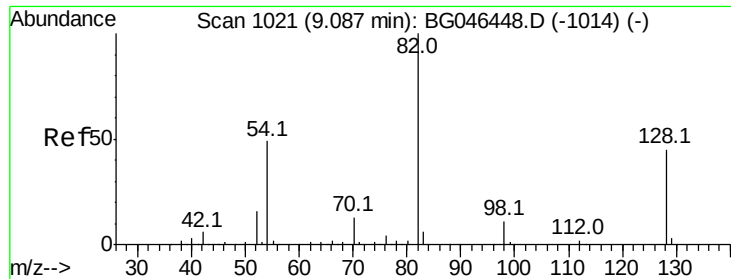
136 100

137 10.6 8.8 13.2

54 9.0 6.1 9.1

68 5.9 4.8 7.2

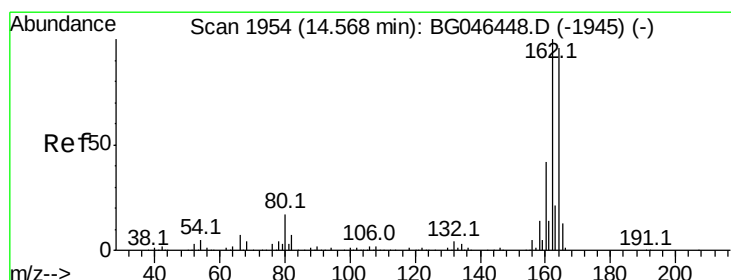
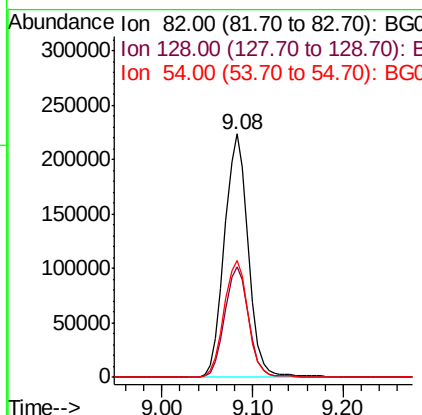
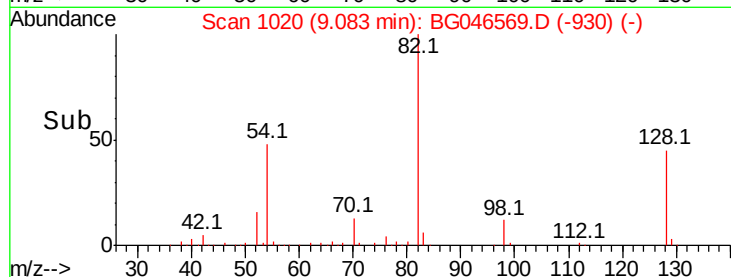
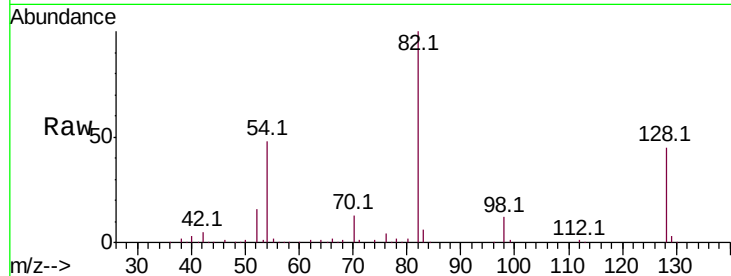




#23
 Nitrobenzene-d5
 Concen: 81.022 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046569.D
 Acq: 9 Sep 2020 12:22

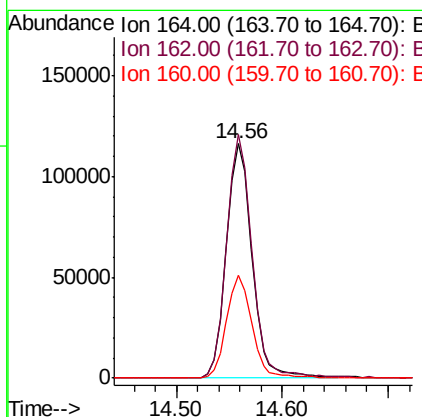
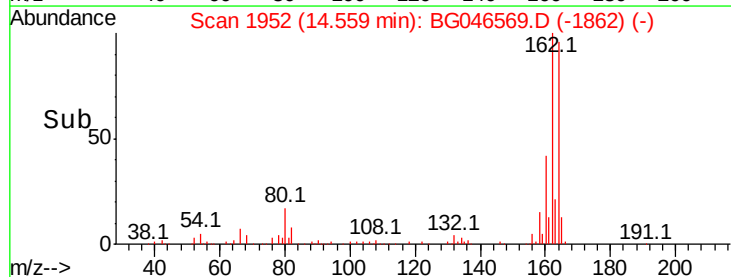
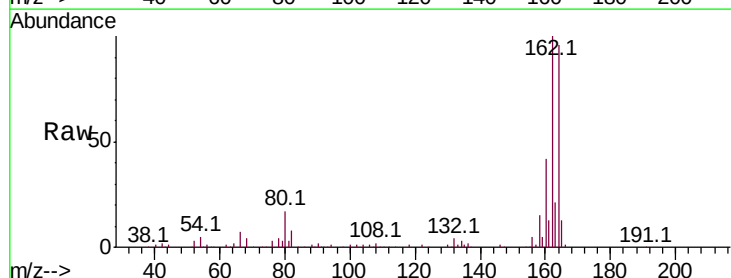
Instrument :
 BNA_G
 ClientSampleId :
 PB131493BL

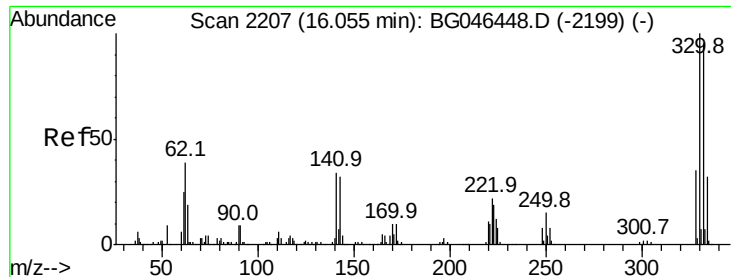
Tot Ion	82	Resp	409109
Ion Ratio	Lower	Upper	
82	100		
128	45.5	35.7	53.5
54	47.8	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046569.D
 Acq: 9 Sep 2020 12:22

Tgt Ion	164	Resp	195760
Ion Ratio	Lower	Upper	
164	100		
162	103.8	83.3	124.9
160	43.8	35.0	52.6

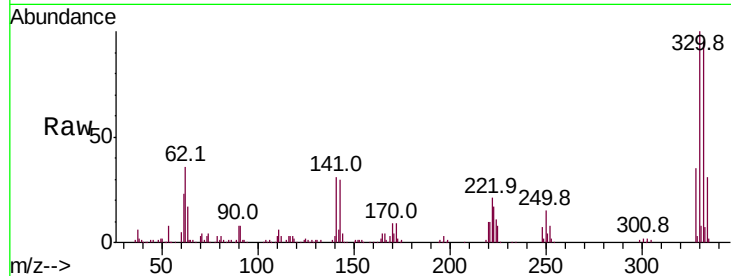




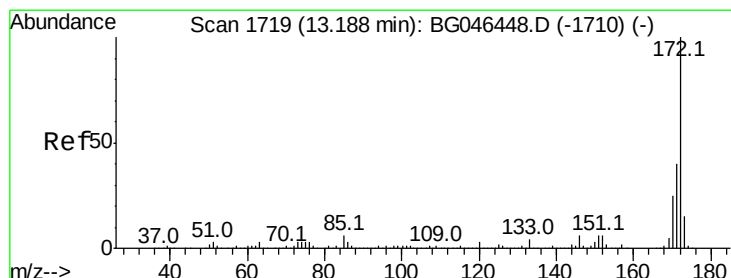
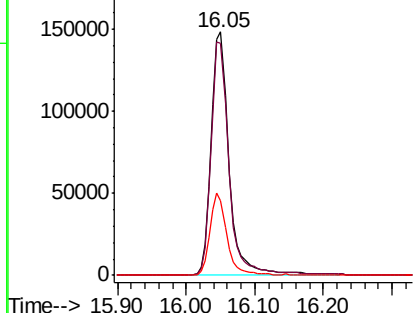
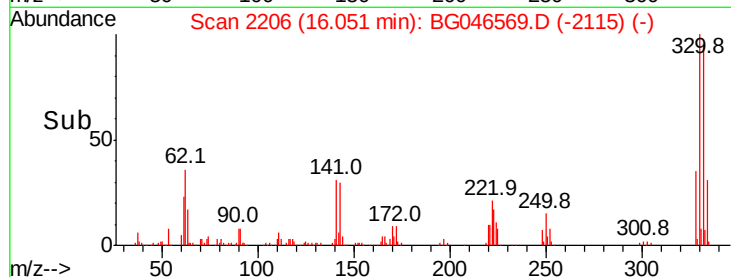
#42
 2,4,6-Tribromophenol
 Concen: 101.735 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046569.D
 Acq: 9 Sep 2020 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB131493BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.1	114.1
141	32.1	26.1	39.1

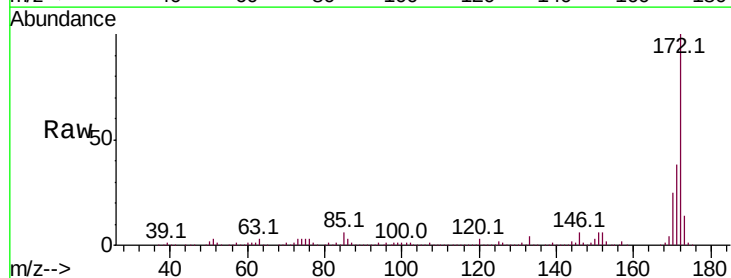


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

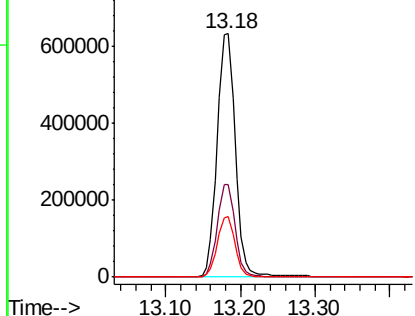
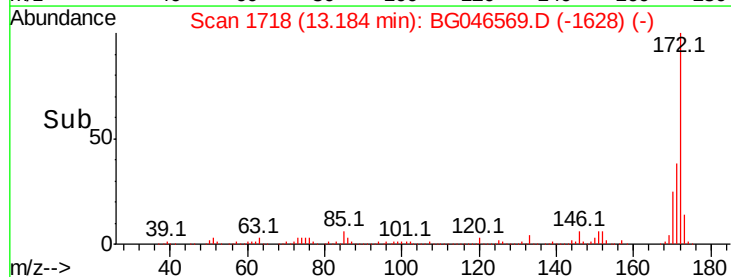


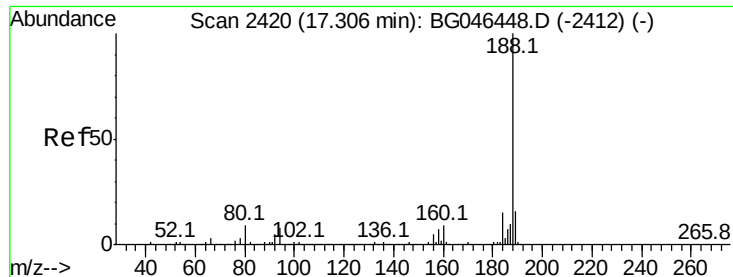
#45
 2-Fluorobiphenyl
 Concen: 83.984 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046569.D
 Acq: 9 Sep 2020 12:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.8	47.6
170	25.0	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. -0.00 min

Lab File: BG046569.D

Acq: 9 Sep 2020 12:22

Instrument :

BNA_G

ClientSampleId :

PB131493BL

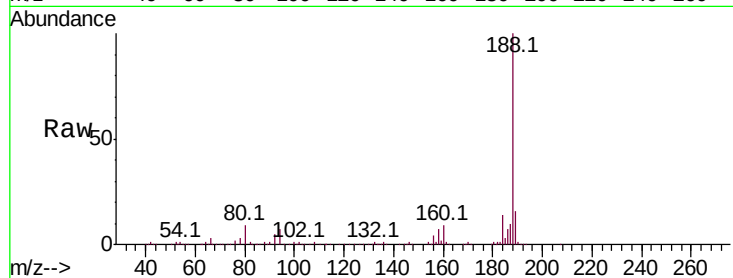
Tot Ion:188 Resp: 460148

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

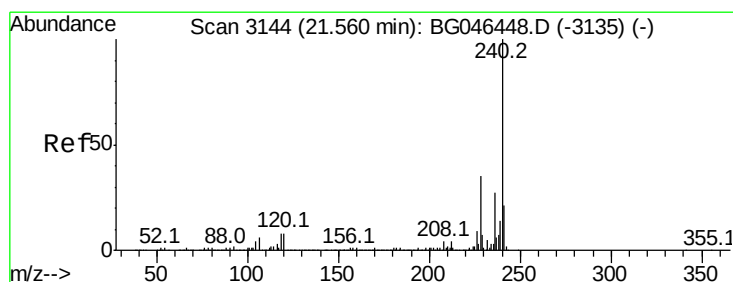
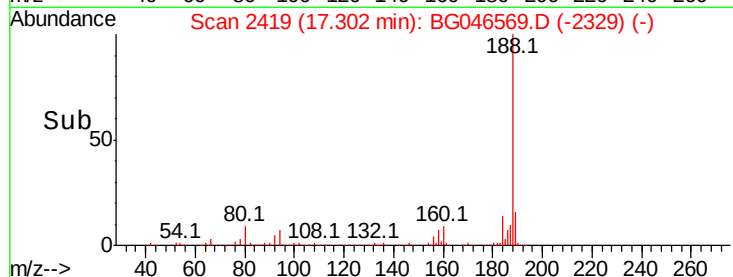
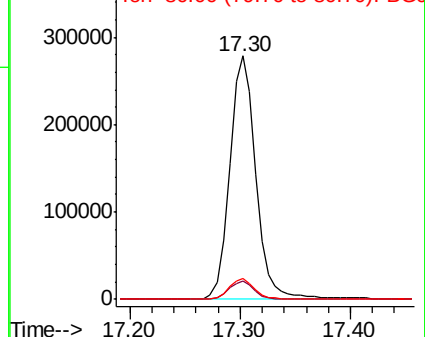
80 8.6 6.9 10.3



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# 3142

Delta R.T. -0.00 min

Lab File: BG046569.D

Acq: 9 Sep 2020 12:22

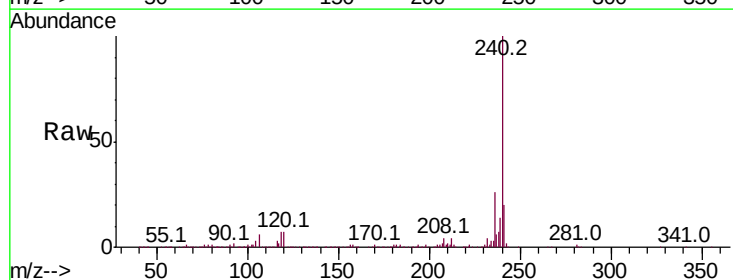
Tgt Ion:240 Resp: 485320

Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

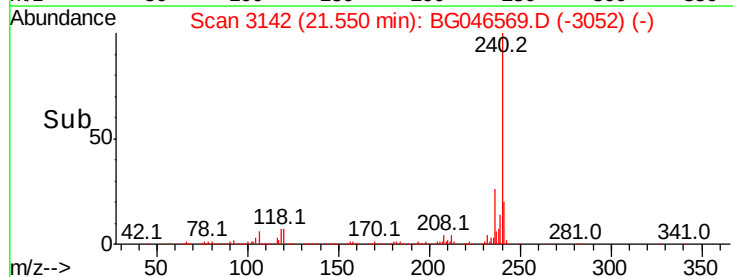
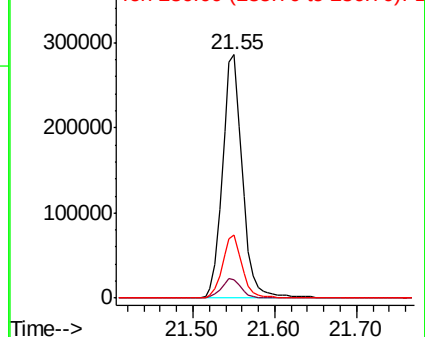
236 25.9 21.4 32.2

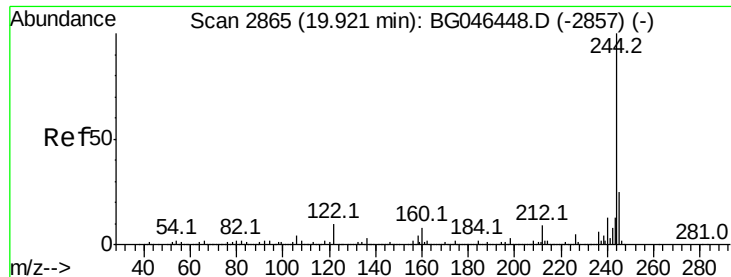


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.468 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046569.D

Acq: 9 Sep 2020 12:22

Instrument :

BNA_G

ClientSampleId :

PB131493BL

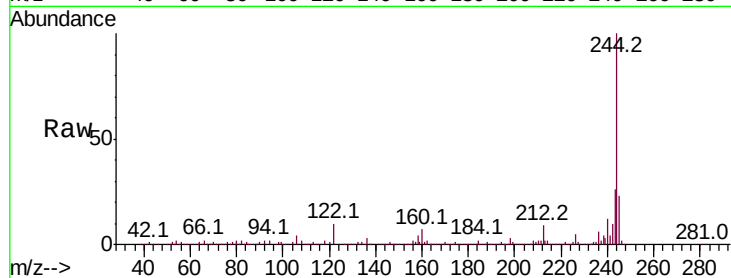
Tot Ion:244 Resp: 1629801

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

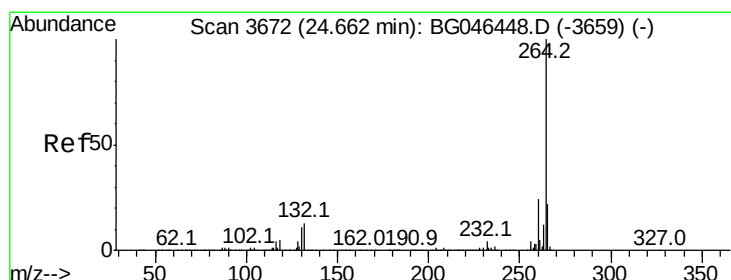
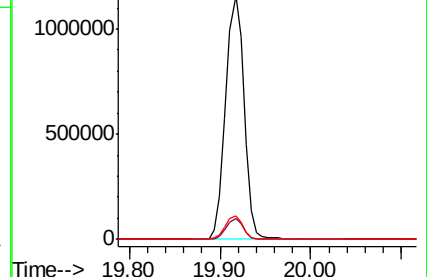
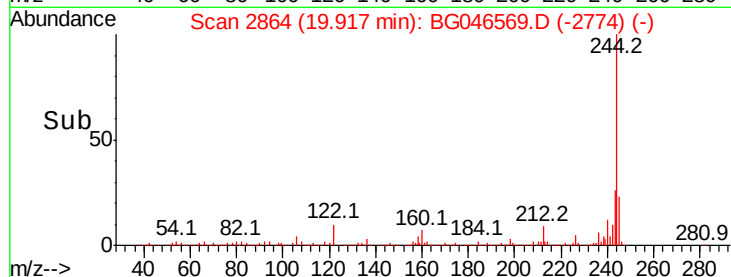
122 9.7 8.2 12.4



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# 3669

Delta R.T. -0.01 min

Lab File: BG046569.D

Acq: 9 Sep 2020 12:22

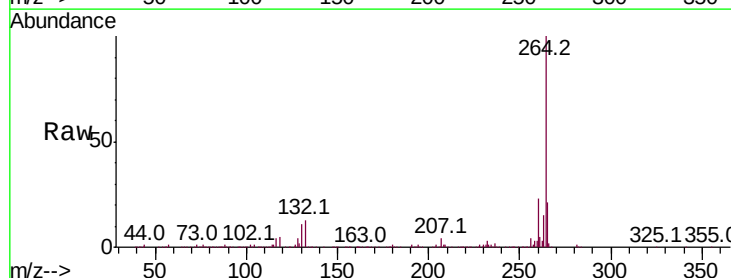
Tgt Ion:264 Resp: 474088

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.9 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

