

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046571.D
 Acq On : 9 Sep 2020 13:48
 Operator : CG/JU
 Sample : PB131497BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BL

Quant Time: Sep 09 14:31:29 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	72330	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	295240	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	215106	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	513444	20.00	ng	0.00
76) Chrysene-d12	21.55	240	504227	20.00	ng	0.00
86) Perylene-d12	24.65	264	487764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	220997	54.12	ng	0.00
7) Phenol-d6	7.10	99	183270	31.66	ng	0.00
23) Nitrobenzene-d5	9.08	82	420984	81.50	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	299470	102.75	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1134849	80.54	ng	0.00
79) Terphenyl-d14	19.92	244	1796859	75.84	ng	0.00

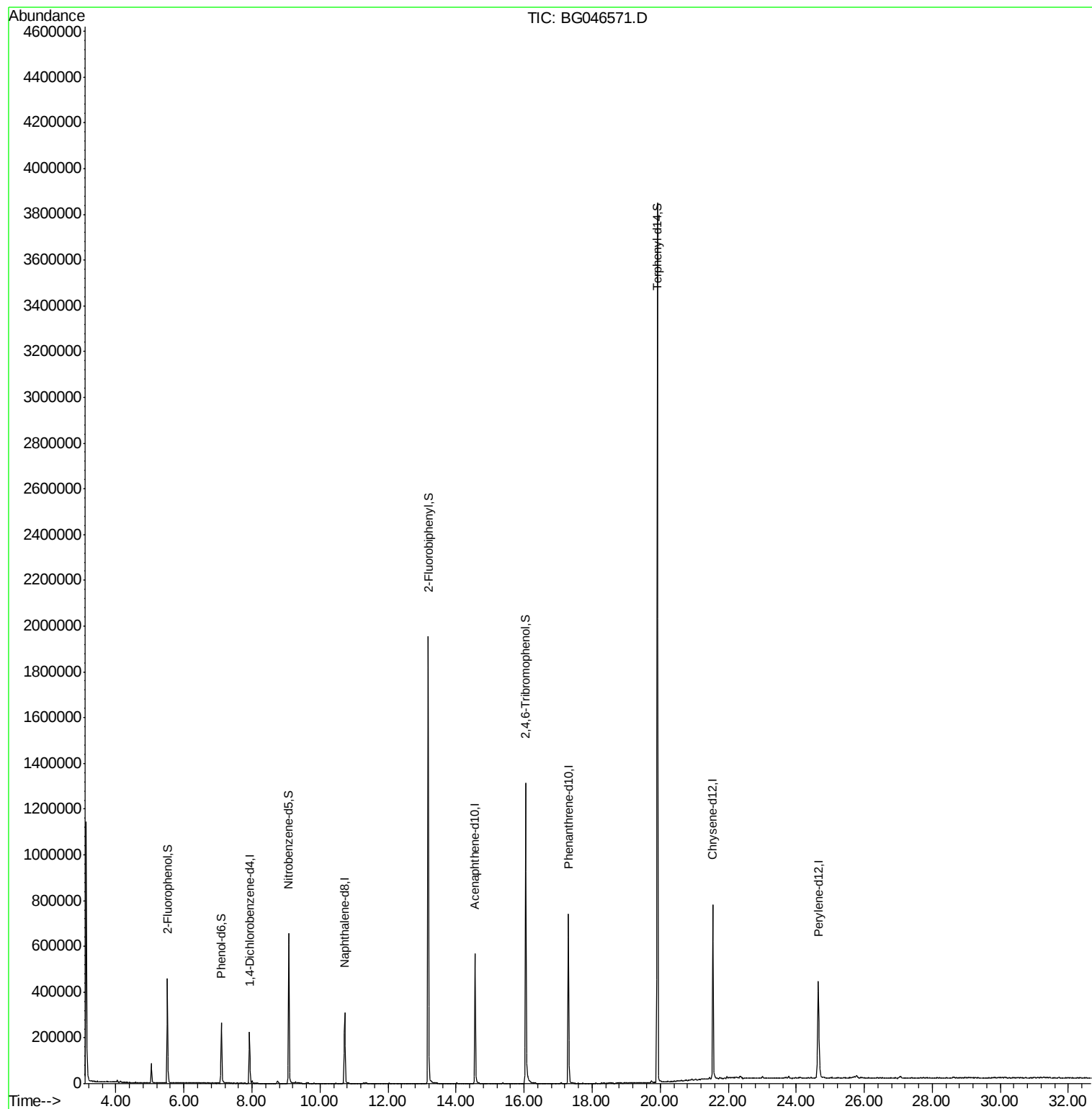
Target Compounds Qvalue

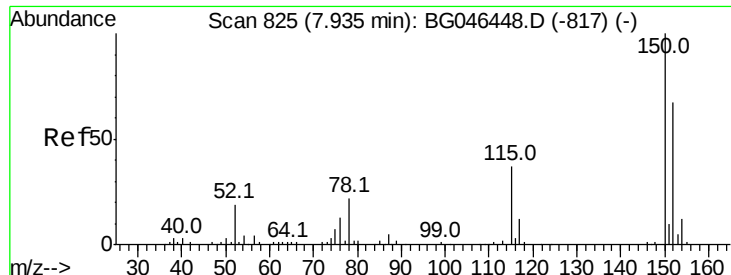
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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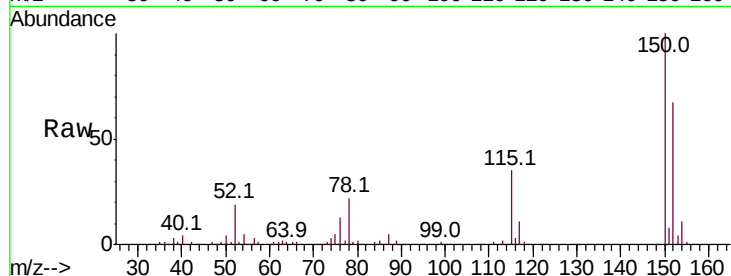


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046571.D
Acq: 9 Sep 2020 13:48

Instrument :
BNA_G
ClientSampleId :
PB131497BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	119.5	179.3
115	53.3	44.3	66.5

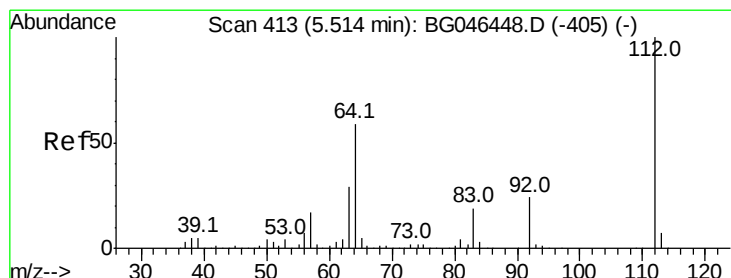
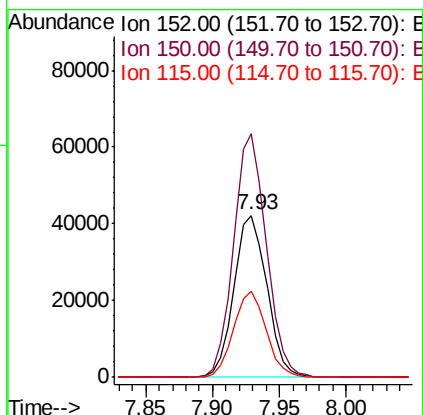
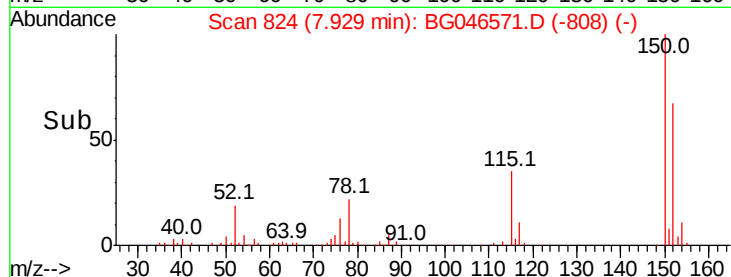


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

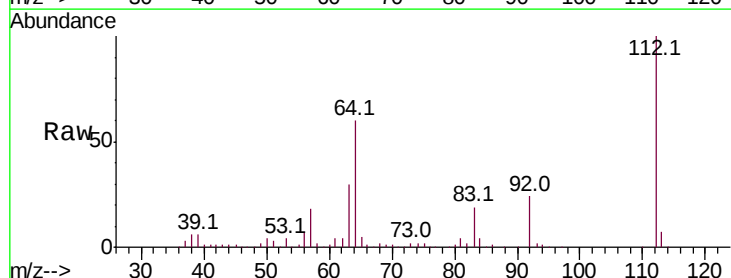
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 54.117 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046571.D
Acq: 9 Sep 2020 13:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.0	70.6
63	29.8	23.5	35.3

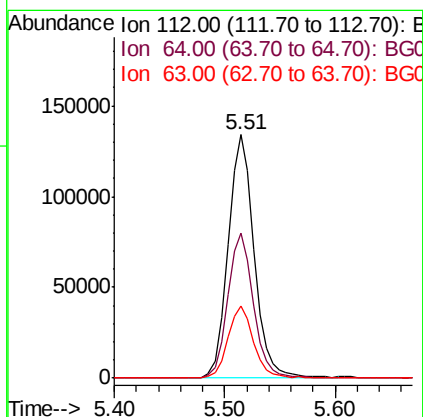
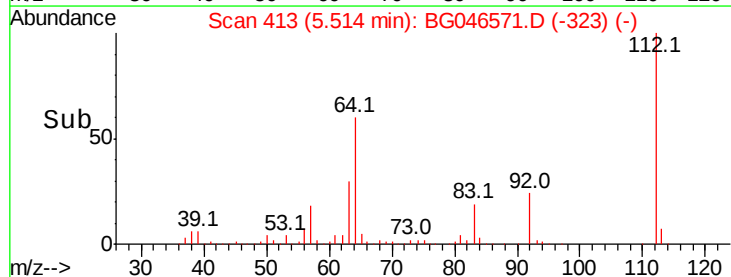


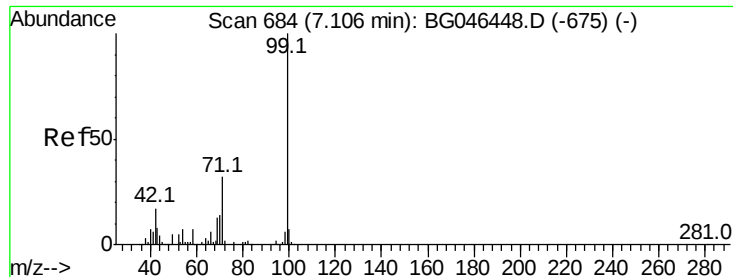
Abundance

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: 31.658 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046571.D

Acq: 9 Sep 2020 13:48

Instrument :

BNA_G

ClientSampleId :

PB131497BL

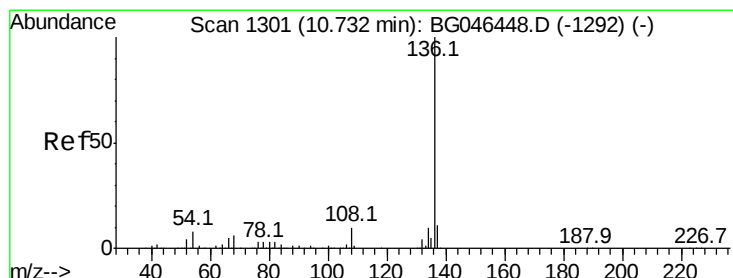
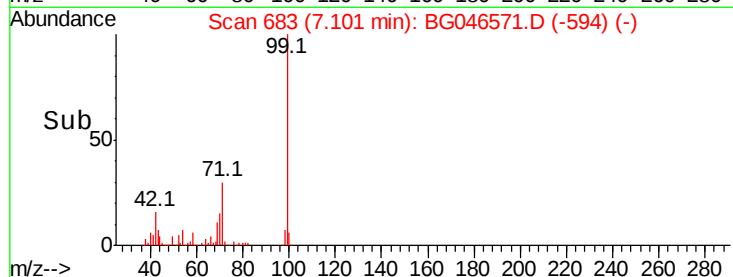
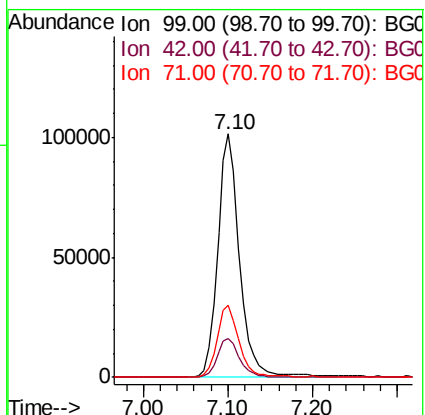
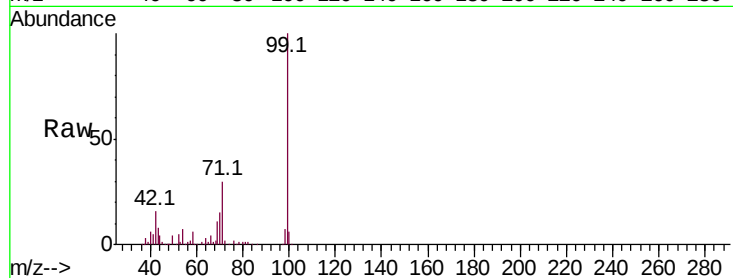
Tot Ion: 99 Resp: 183270

Ion Ratio Lower Upper

99 100

42 16.1 13.3 19.9

71 29.6 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046571.D

Acq: 9 Sep 2020 13:48

Tgt Ion: 136 Resp: 295240

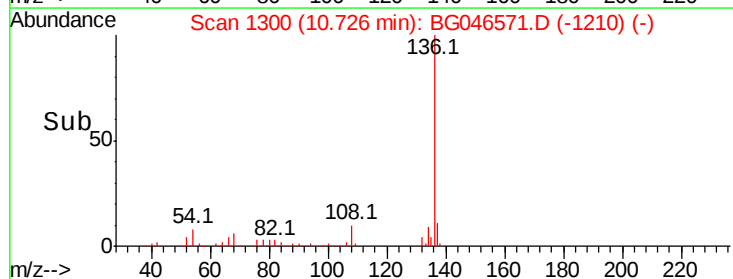
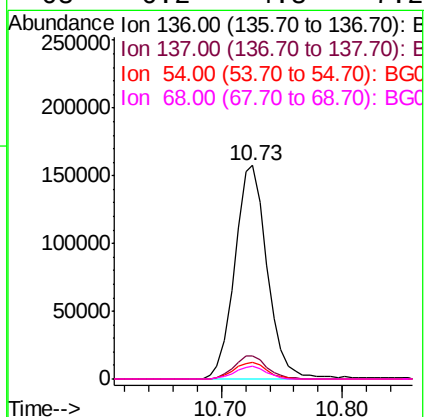
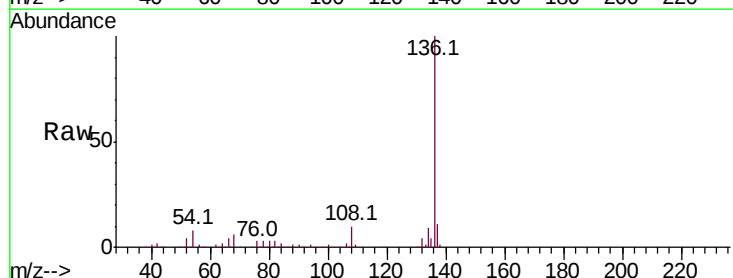
Ion Ratio Lower Upper

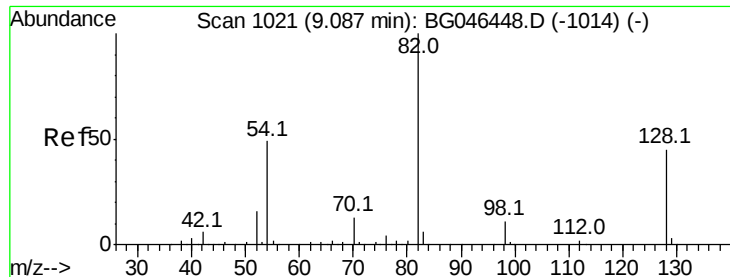
136 100

137 11.1 8.8 13.2

54 7.9 6.1 9.1

68 6.2 4.8 7.2

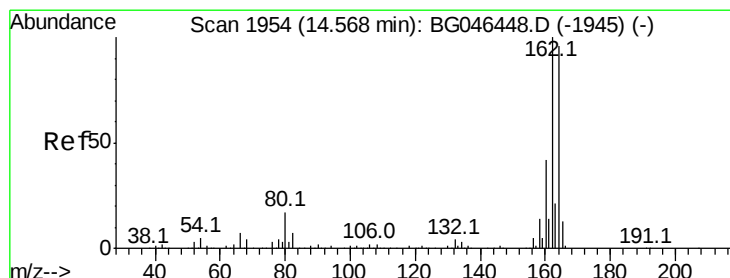
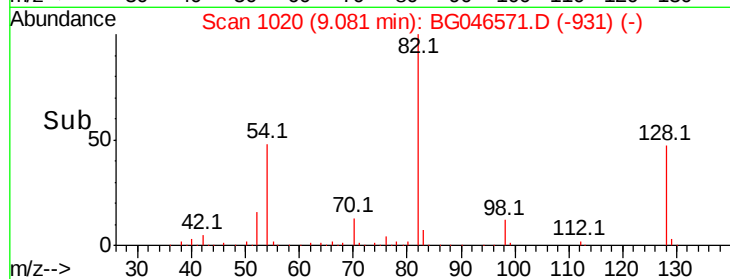
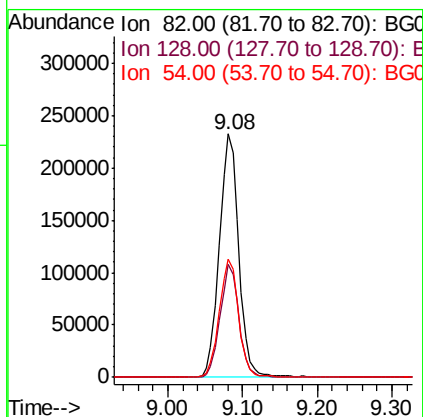
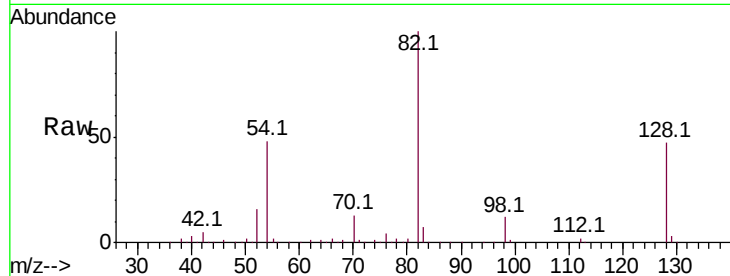




#23
 Nitrobenzene-d5
 Concen: 81.498 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG046571.D
 Acq: 9 Sep 2020 13:48

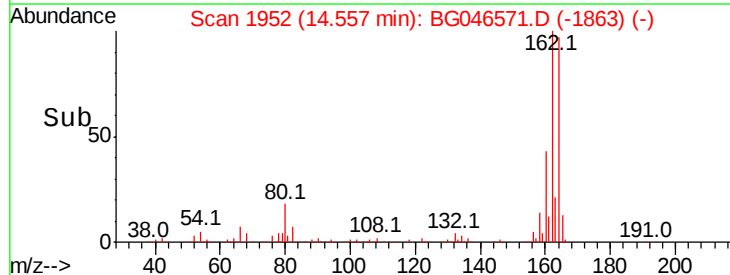
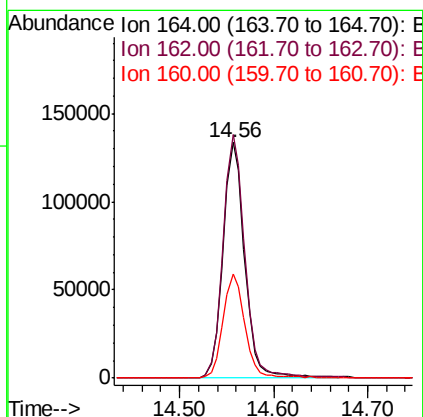
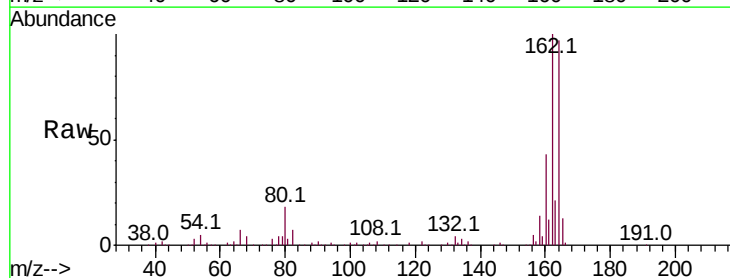
Instrument :
 BNA_G
 ClientSampleId :
 PB131497BL

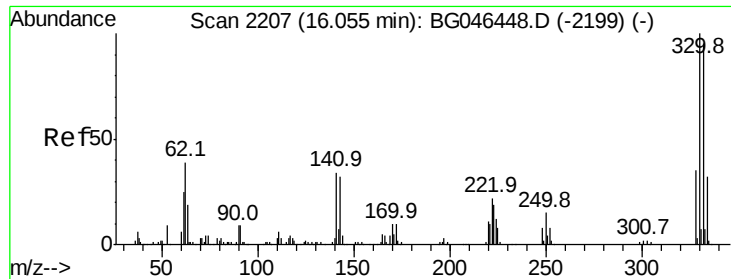
Tot Ion	82	Resp	420984
Ion Ratio	Lower	Upper	
82	100		
128	46.7	35.7	53.5
54	48.4	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG046571.D
 Acq: 9 Sep 2020 13:48

Tgt Ion	164	Resp	215106
Ion Ratio	Lower	Upper	
164	100		
162	103.3	83.3	124.9
160	44.1	35.0	52.6

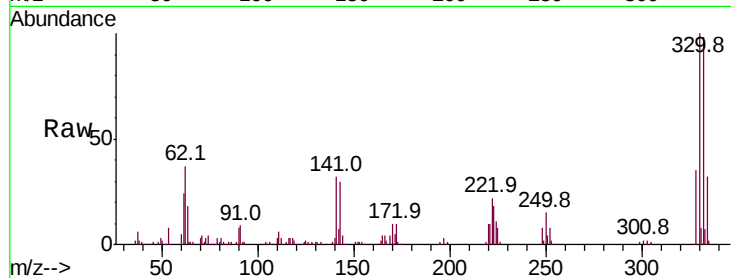




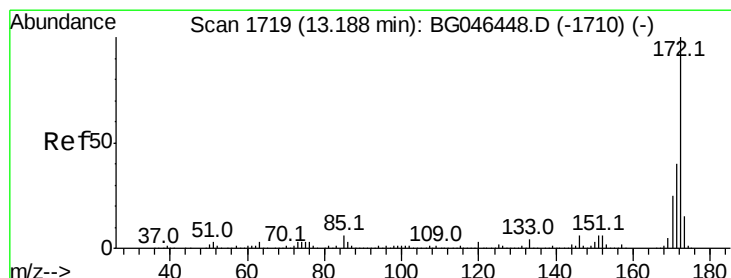
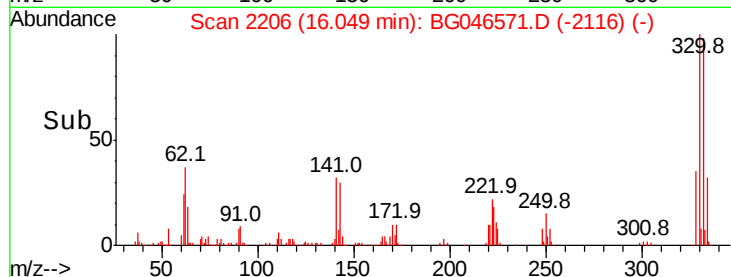
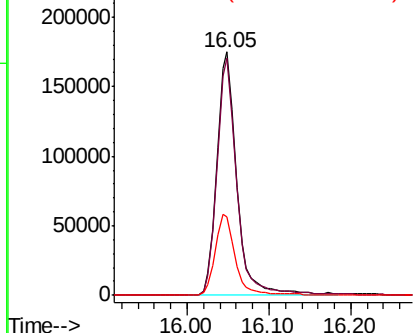
#42
 2,4,6-Tribromophenol
 Concen: 102.750 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046571.D
 Acq: 9 Sep 2020 13:48

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.1	114.1
141	33.7	26.1	39.1

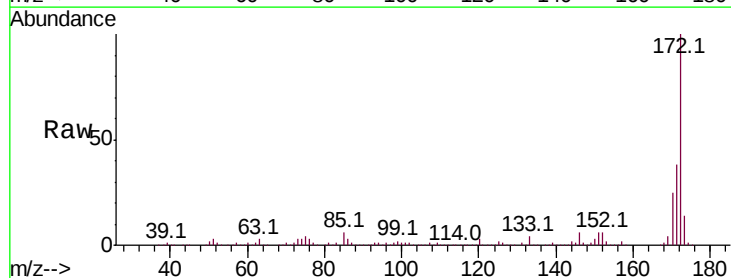


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

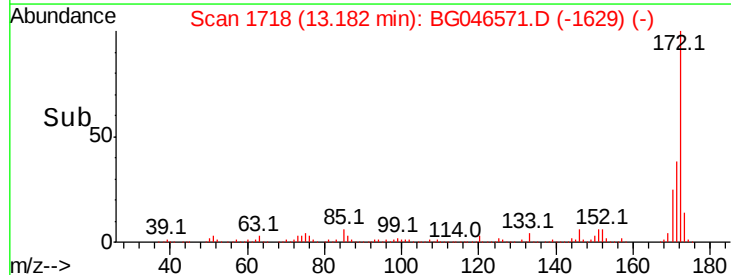
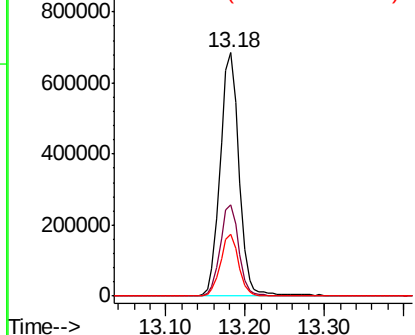


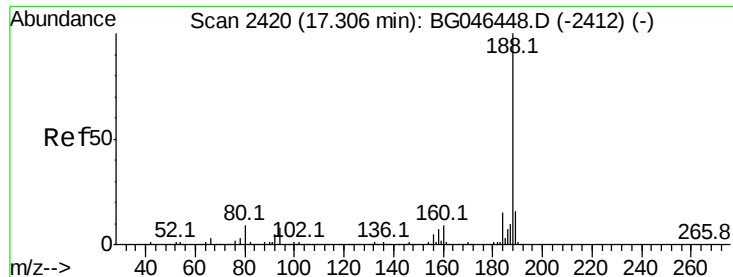
#45
 2-Fluorobiphenyl
 Concen: 80.538 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046571.D
 Acq: 9 Sep 2020 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.8	47.6
170	25.3	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: BG046571.D

Acq: 9 Sep 2020 13:48

Instrument :

BNA_G

ClientSampleId :

PB131497BL

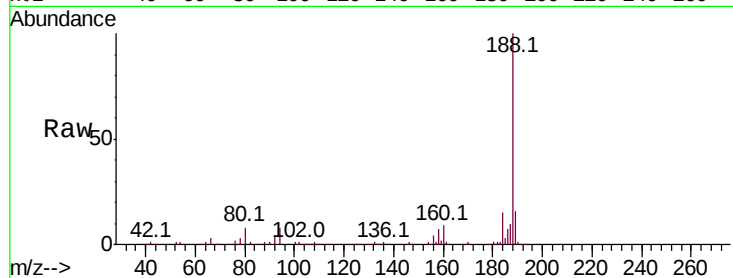
Tot Ion:188 Resp: 513444

Ion Ratio Lower Upper

188 100

94 7.8 6.3 9.5

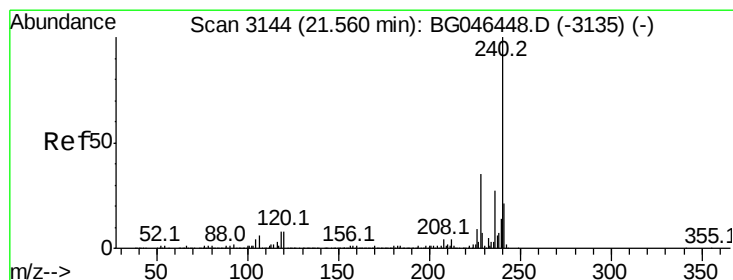
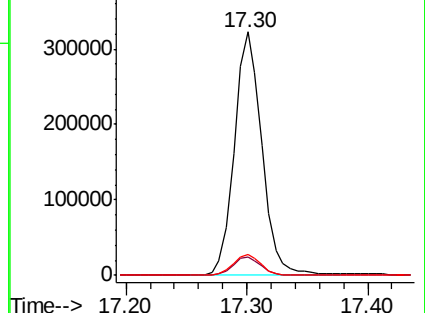
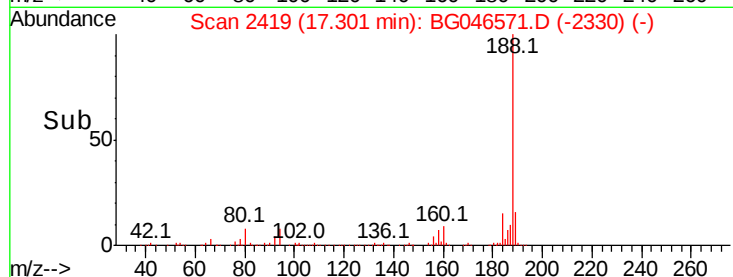
80 8.4 6.9 10.3



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: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG046571.D

Acq: 9 Sep 2020 13:48

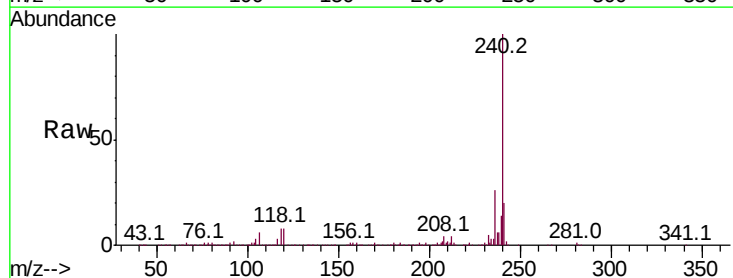
Tgt Ion:240 Resp: 504227

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

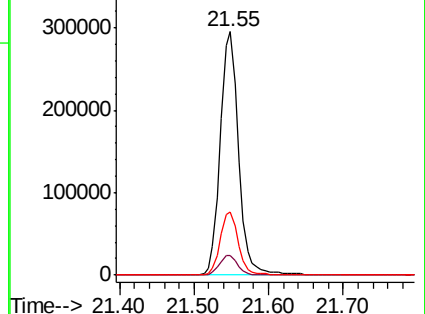
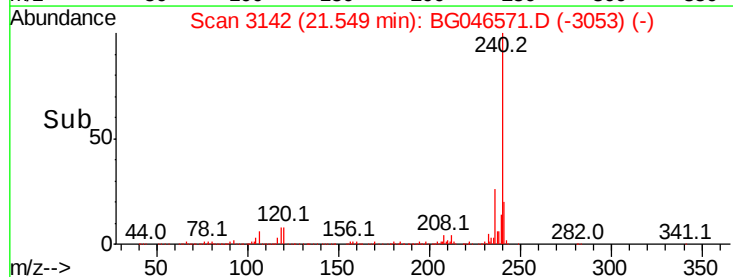
236 26.2 21.4 32.2

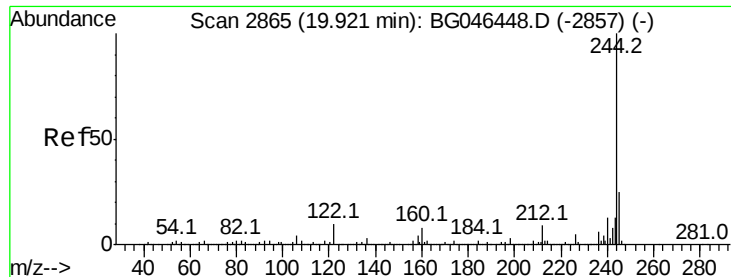


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.840 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046571.D

Acq: 9 Sep 2020 13:48

Instrument :

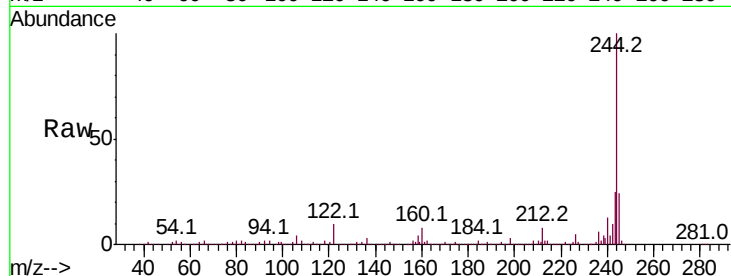
BNA_G

ClientSampleId :

PB131497BL

Tot Ion:244 Resp: 1796859

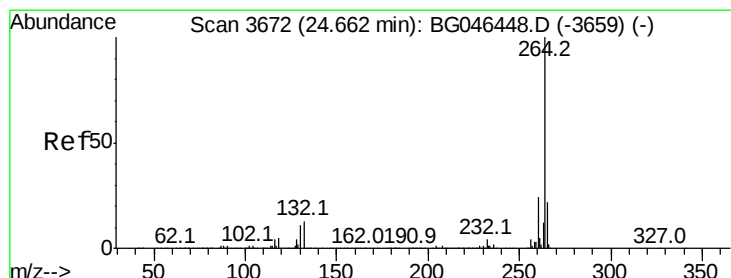
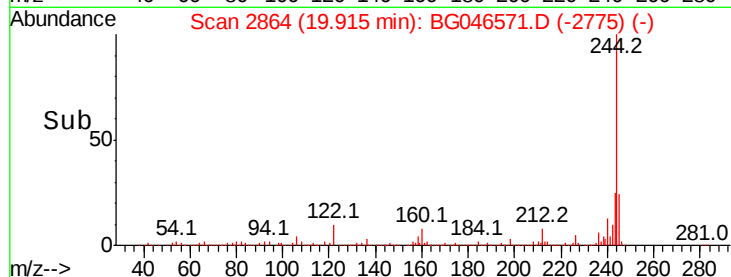
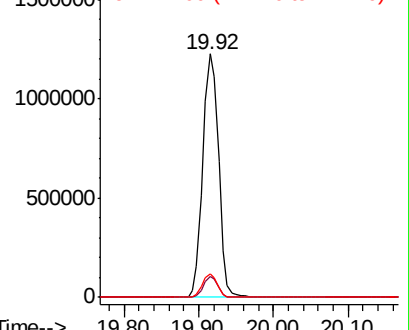
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	9.7	8.2	12.4



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# 3670

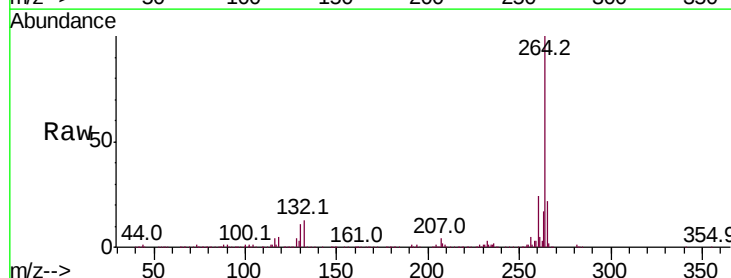
Delta R.T. -0.01 min

Lab File: BG046571.D

Acq: 9 Sep 2020 13:48

Tgt Ion:264 Resp: 487764

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	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

