

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
 Data File : BG046595.D
 Acq On : 11 Sep 2020 14:05
 Operator : CG/JU
 Sample : PB131540BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131540BL

Quant Time: Sep 11 14:41:21 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	7.92	152	68569	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	278893	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	197886	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	480894	20.00	ng	0.00
76) Chrysene-d12	21.55	240	486431	20.00	ng	0.00
86) Perylene-d12	24.65	264	474402	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	357155	92.26	ng	0.00
7) Phenol-d6	7.10	99	457681	83.40	ng	0.00
23) Nitrobenzene-d5	9.08	82	301004	61.69	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	216320	80.68	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	845708	65.24	ng	-0.01
79) Terphenyl-d14	19.92	244	1356611	59.35	ng	0.00

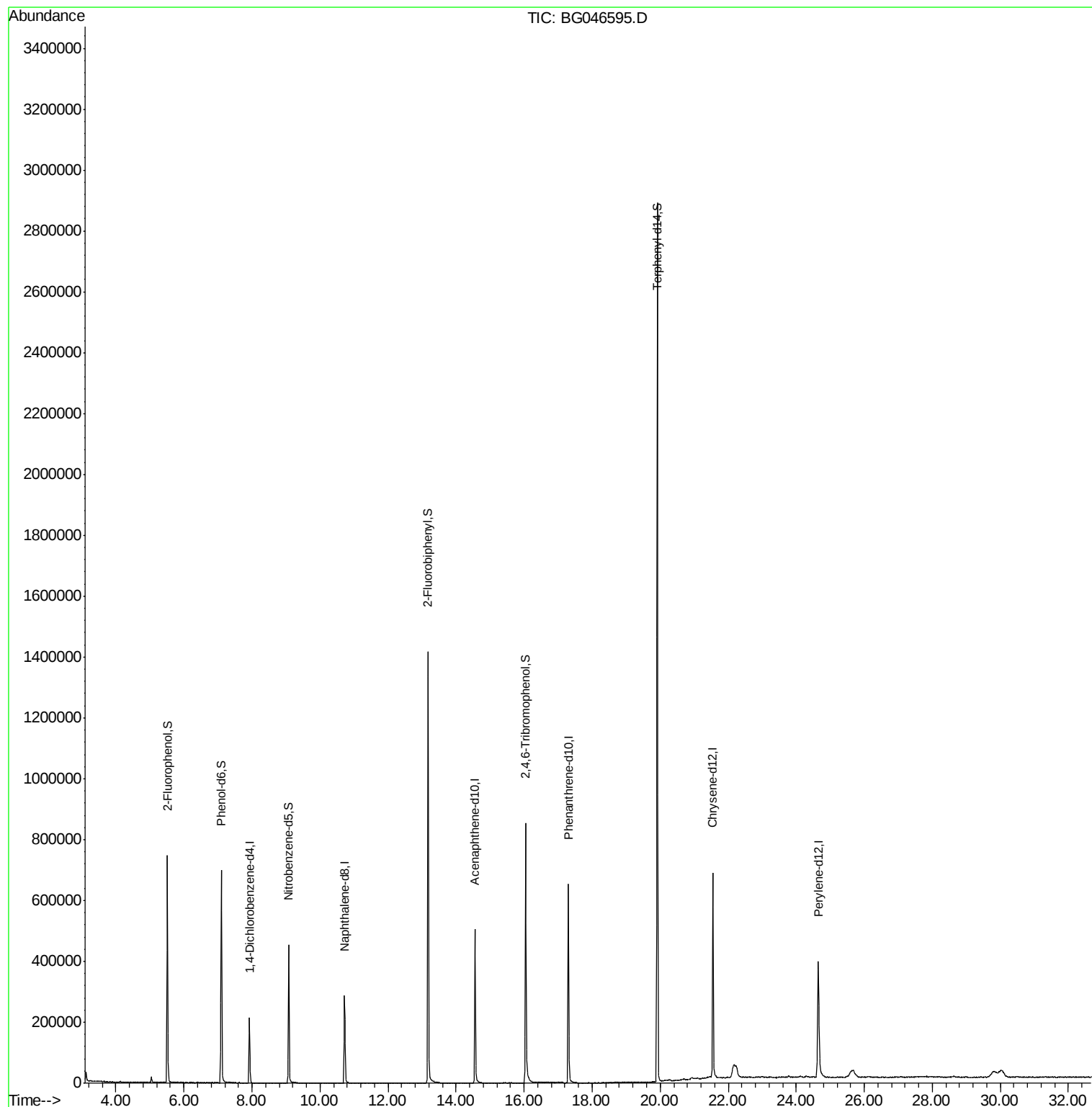
Target Compounds Qvalue

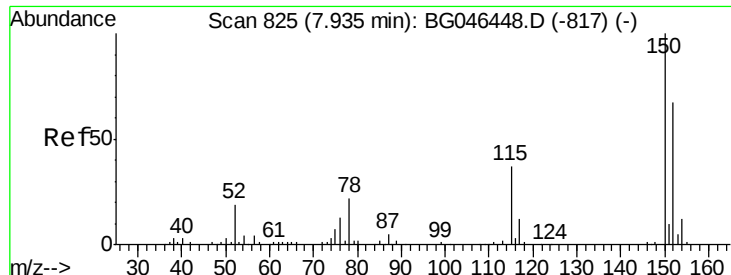
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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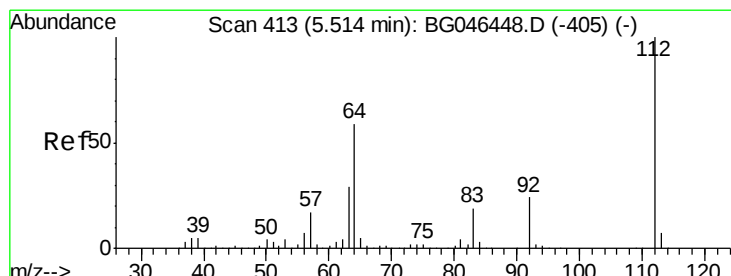
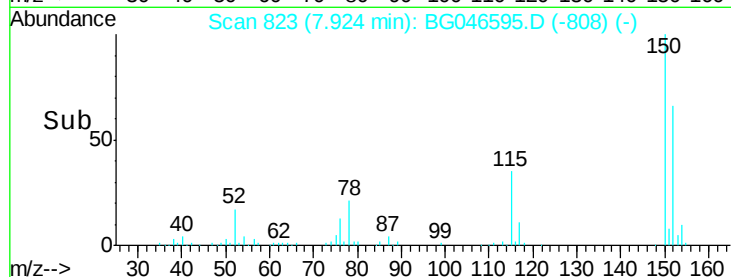
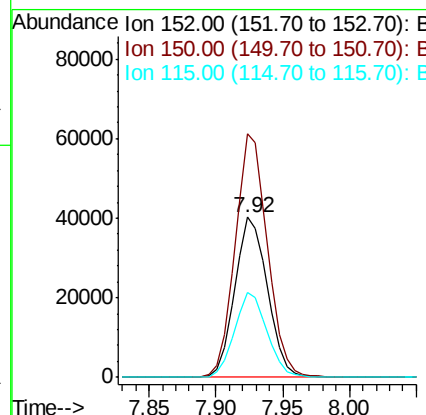
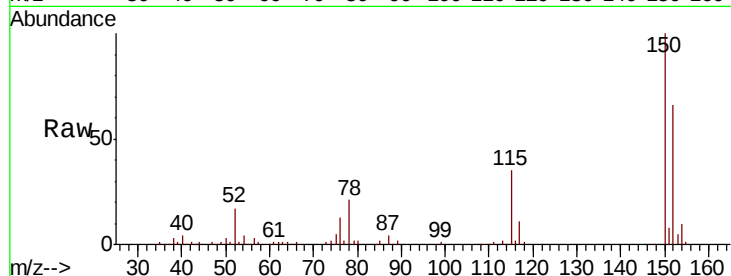


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046595.D
Acq: 11 Sep 2020 14:05

Instrument :
BNA_G
ClientSampleId :
PB131540BL

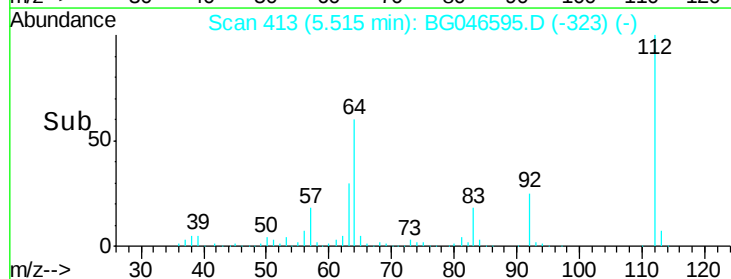
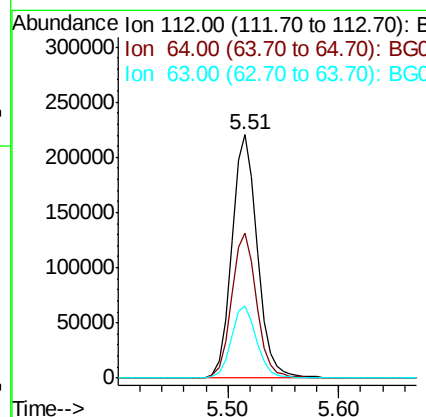
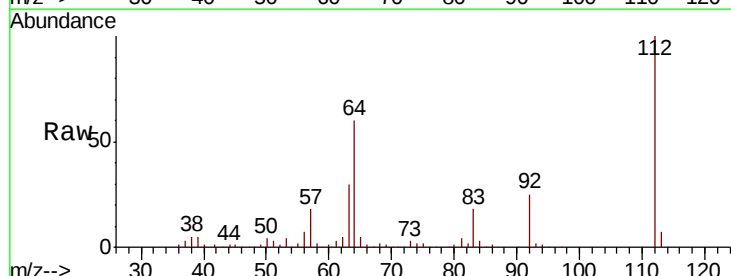
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	119.5	179.3
115	53.2	44.3	66.5

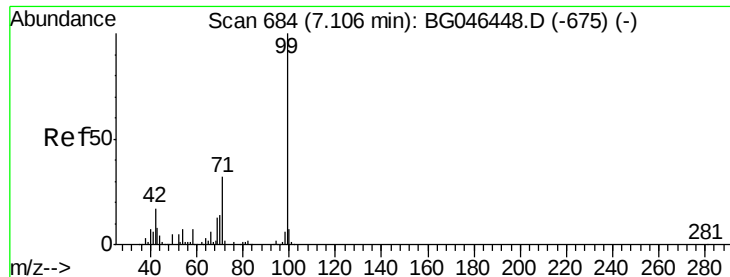


#5

2-Fluorophenol
Concen: 92.256 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046595.D
Acq: 11 Sep 2020 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.0	70.6
63	29.6	23.5	35.3





#7

Phenol-d6

Concen: 83.396 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046595.D

Acq: 11 Sep 2020 14:05

Instrument :

BNA_G

ClientSampleId :

PB131540BL

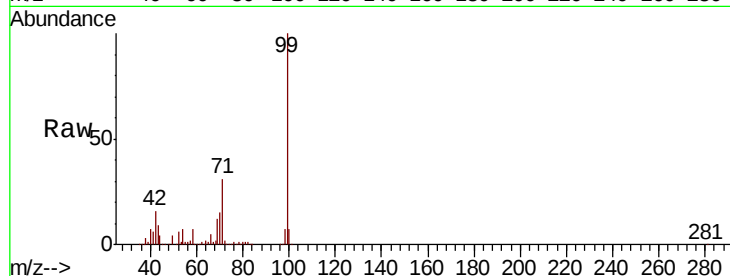
Tot Ion: 99 Resp: 457681

Ion Ratio Lower Upper

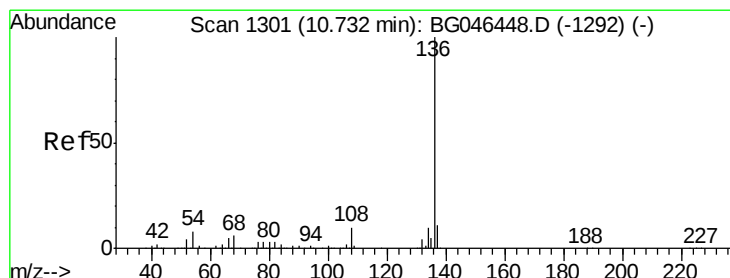
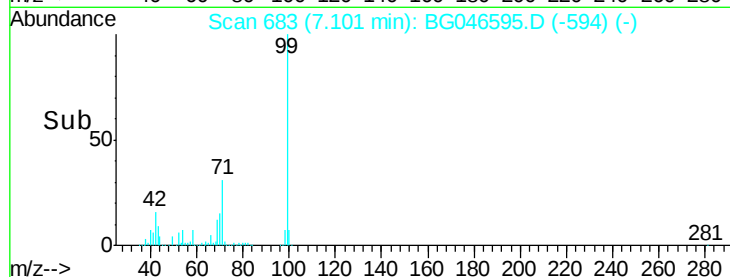
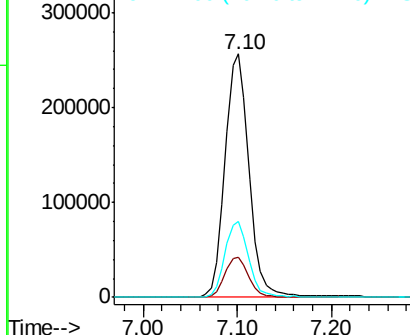
99 100

42 16.4 13.3 19.9

71 31.3 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: 10.72 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG046595.D

Acq: 11 Sep 2020 14:05

Tgt Ion: 136 Resp: 278893

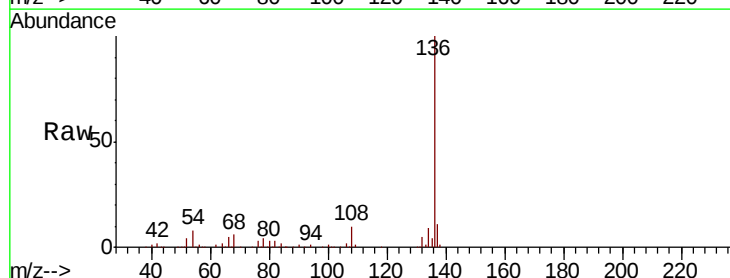
Ion Ratio Lower Upper

136 100

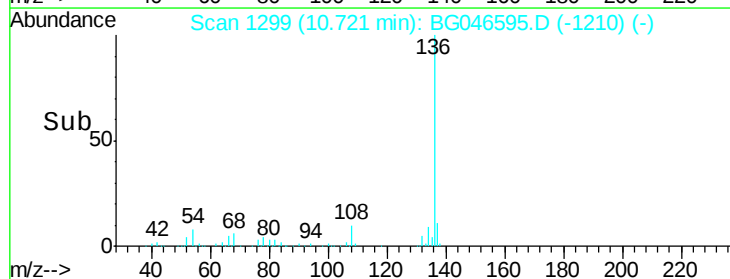
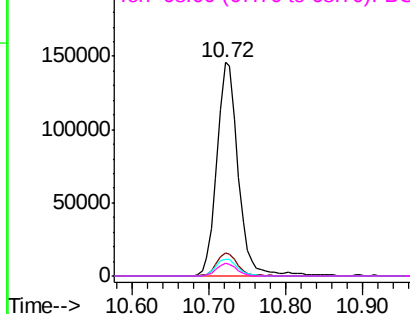
137 10.9 8.8 13.2

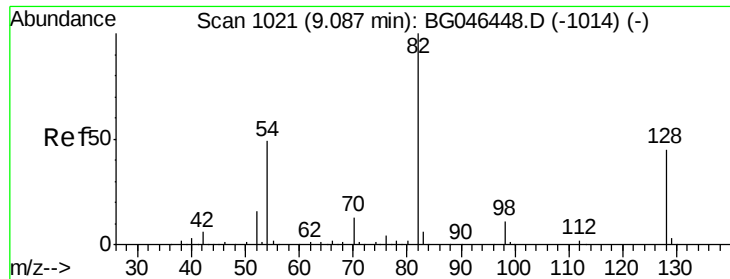
54 8.0 6.1 9.1

68 6.0 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

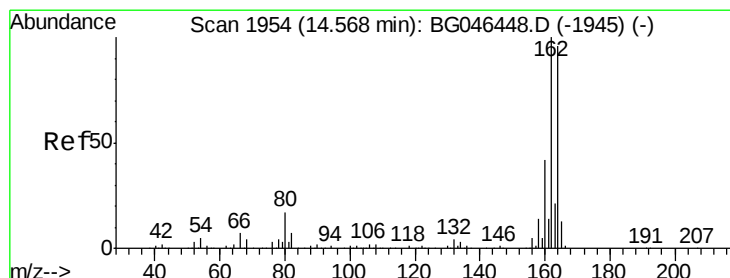
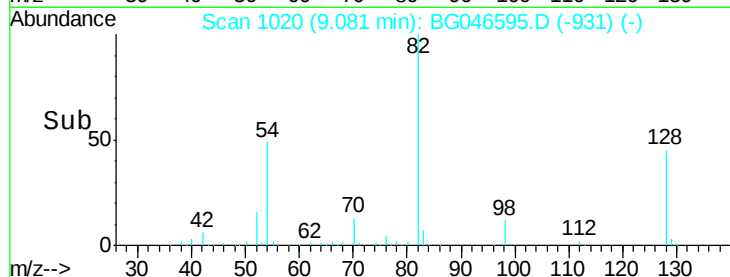
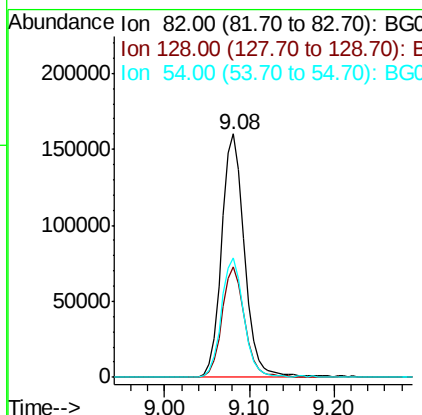
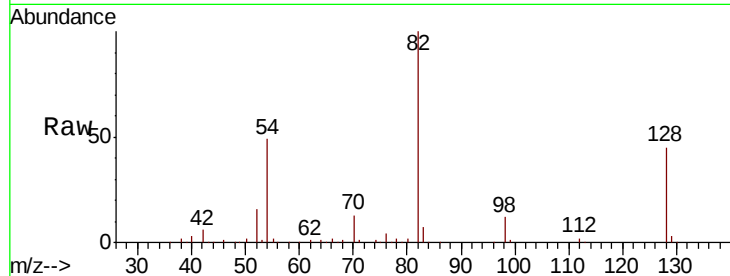




#23
 Nitrobenzene-d5
 Concen: 61.686 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG046595.D
 Acq: 11 Sep 2020 14:05

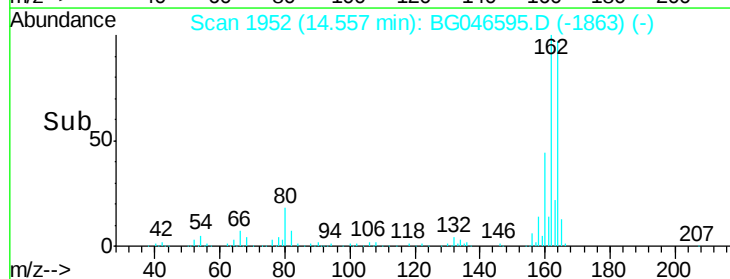
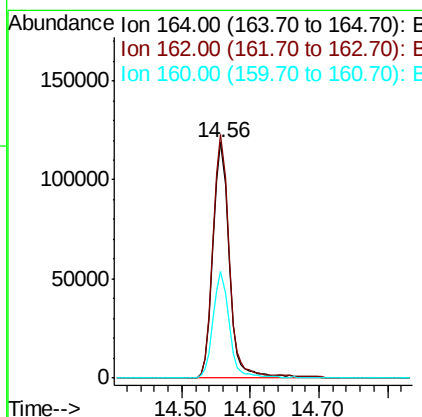
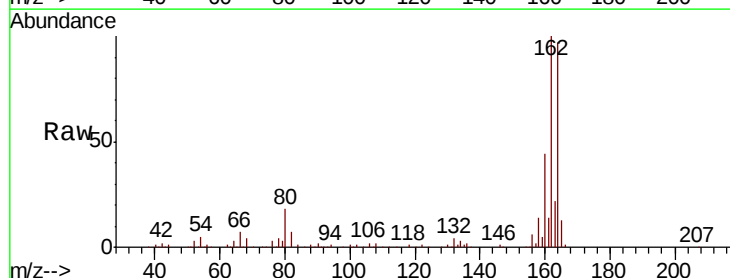
Instrument :
 BNA_G
 ClientSampleId :
 PB131540BL

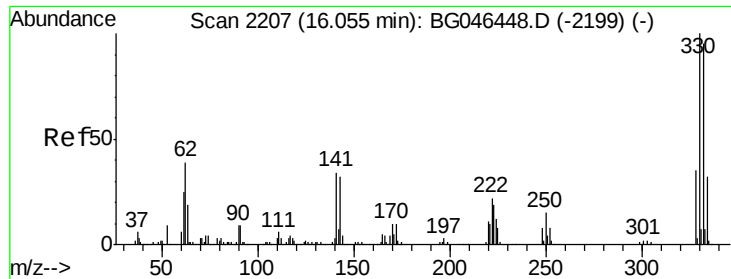
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	48.9	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG046595.D
 Acq: 11 Sep 2020 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.3	124.9
160	45.2	35.0	52.6

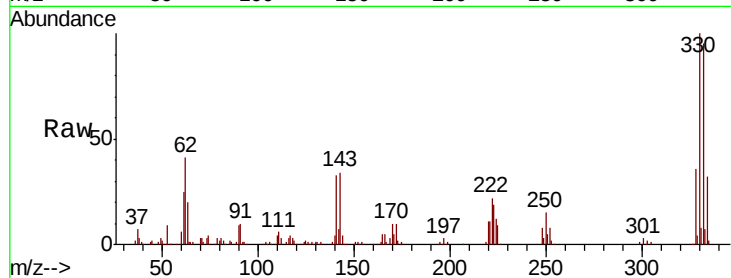




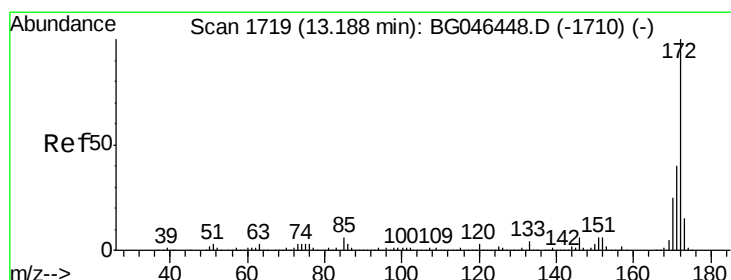
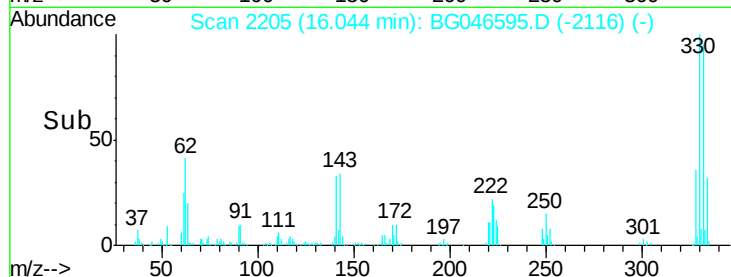
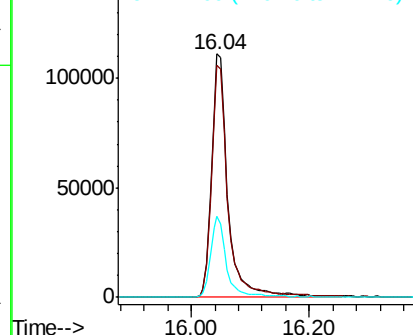
#42
 2,4,6-Tribromophenol
 Concen: 80.680 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG046595.D
 Acq: 11 Sep 2020 14:05

Instrument :
 BNA_G
 ClientSampleId :
 PB131540BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.1	114.1
141	31.9	26.1	39.1

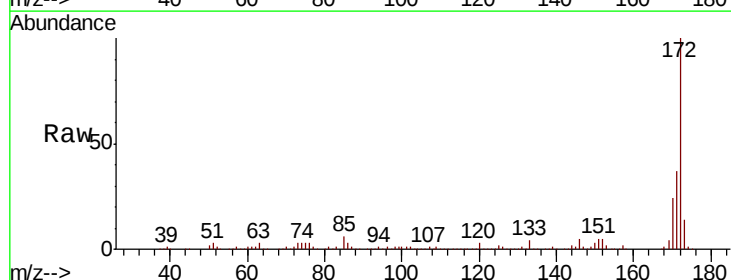


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

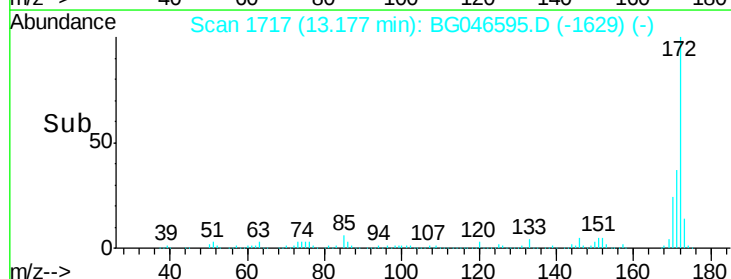
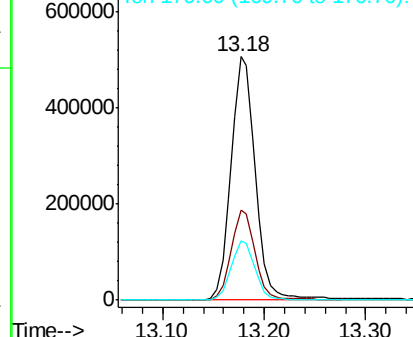


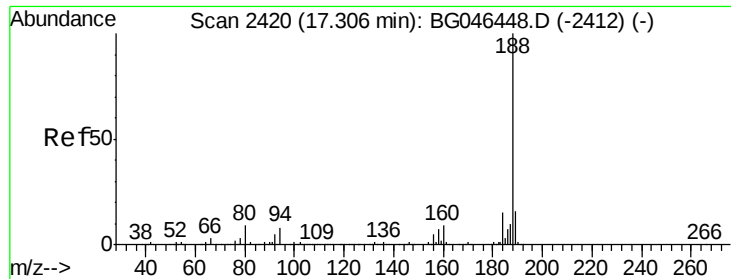
#45
 2-Fluorobiphenyl
 Concen: 65.241 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046595.D
 Acq: 11 Sep 2020 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.8	47.6
170	24.2	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: BG046595.D

Acq: 11 Sep 2020 14:05

Instrument :

BNA_G

ClientSampleId :

PB131540BL

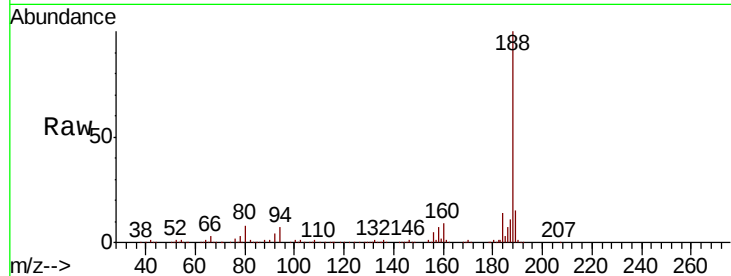
Tot Ion:188 Resp: 480894

Ion Ratio Lower Upper

188 100

94 7.2 6.3 9.5

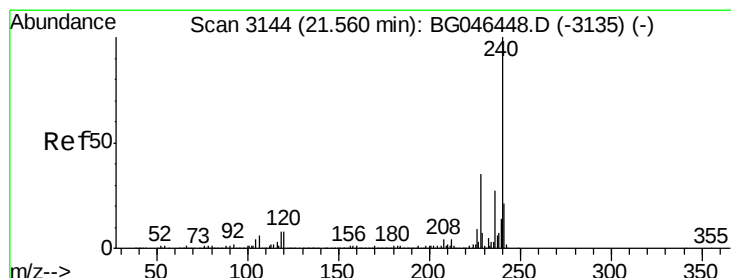
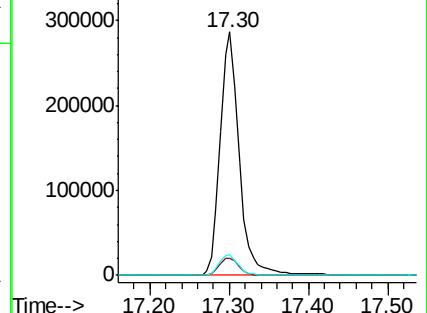
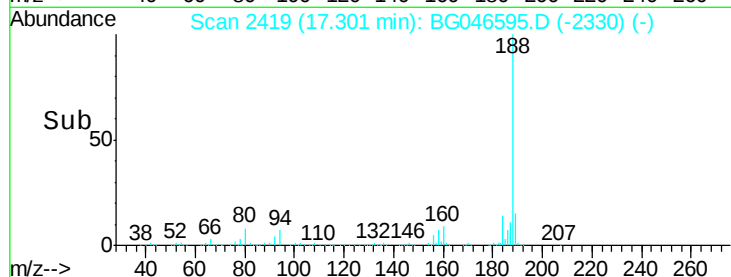
80 8.4 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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. -0.01 min

Lab File: BG046595.D

Acq: 11 Sep 2020 14:05

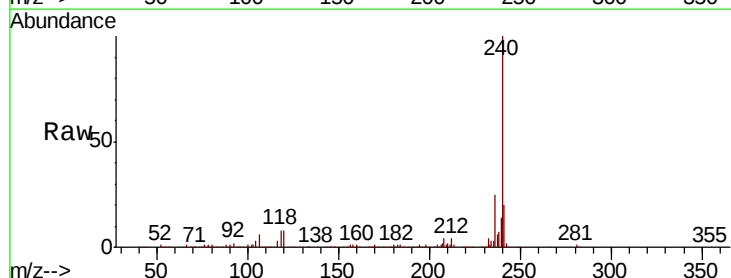
Tgt Ion:240 Resp: 486431

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

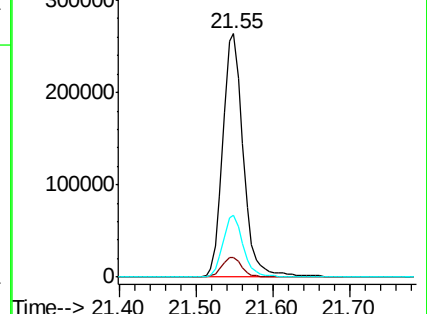
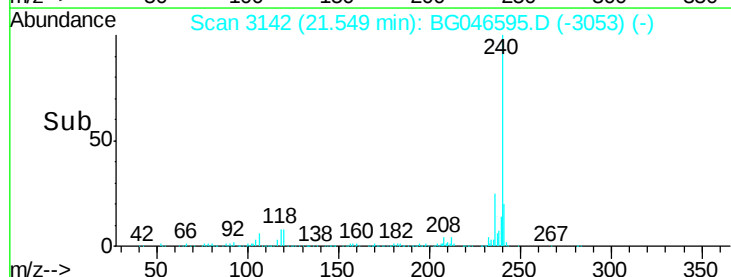
236 25.3 21.4 32.2

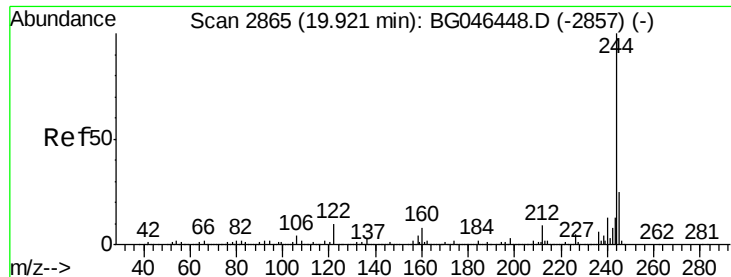


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.353 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046595.D

Acq: 11 Sep 2020 14:05

Instrument :

BNA_G

ClientSampleId :

PB131540BL

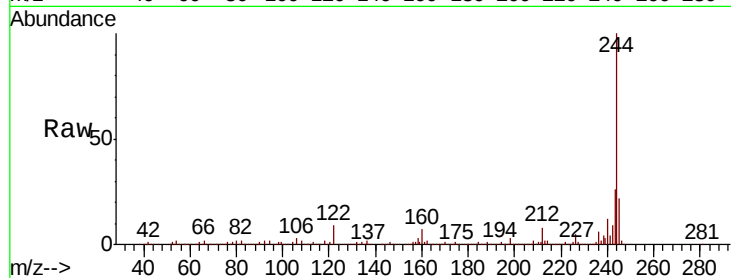
Tot Ion:244 Resp: 1356611

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

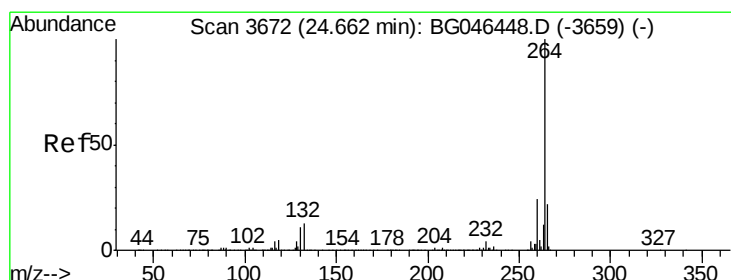
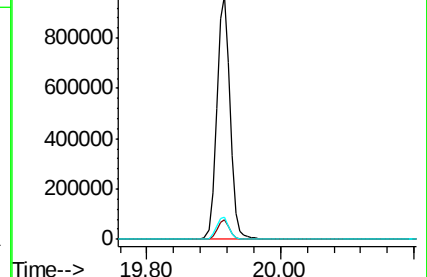
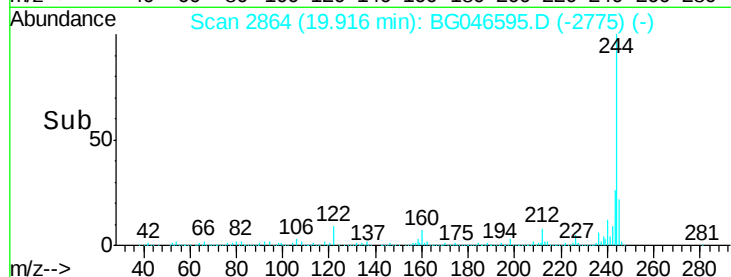
122 8.9 8.2 12.4



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# 3669

Delta R.T. -0.01 min

Lab File: BG046595.D

Acq: 11 Sep 2020 14:05

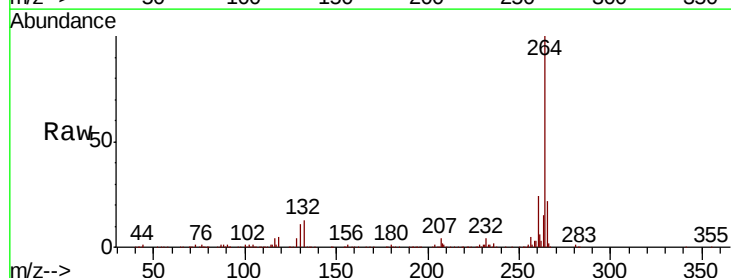
Tgt Ion:264 Resp: 474402

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.0 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

