

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
 Data File : BG046597.D
 Acq On : 11 Sep 2020 15:25
 Operator : CG/JU
 Sample : PB131544BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BL

Quant Time: Sep 11 16:29:27 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	68379	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	272952	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	189944	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	463557	20.00	ng	0.00
76) Chrysene-d12	21.55	240	477239	20.00	ng	0.00
86) Perylene-d12	24.65	264	461658	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	479841	124.29	ng	0.00
7) Phenol-d6	7.10	99	608897	111.26	ng	0.00
23) Nitrobenzene-d5	9.08	82	406660	85.15	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	286717	111.41	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1105316	88.83	ng	0.00
79) Terphenyl-d14	19.92	244	1718138	76.62	ng	0.00

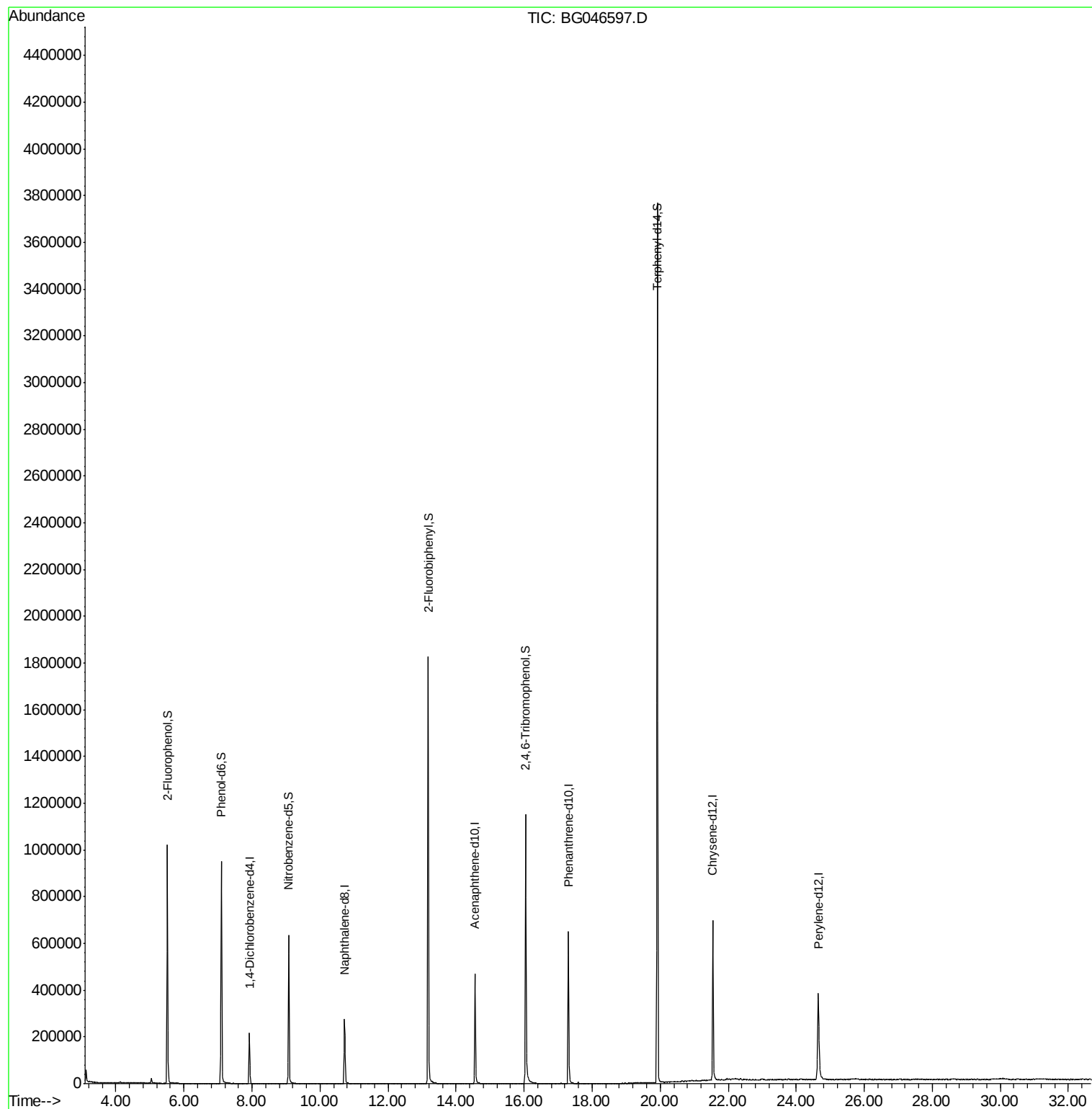
Target Compounds Qvalue

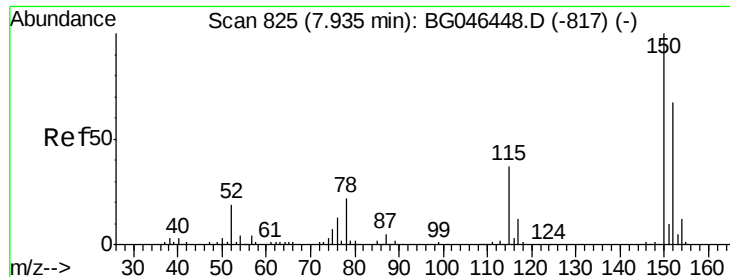
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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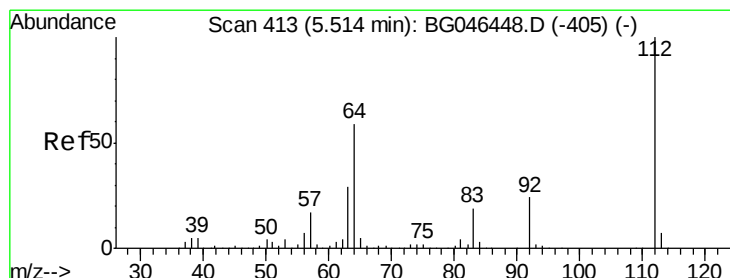
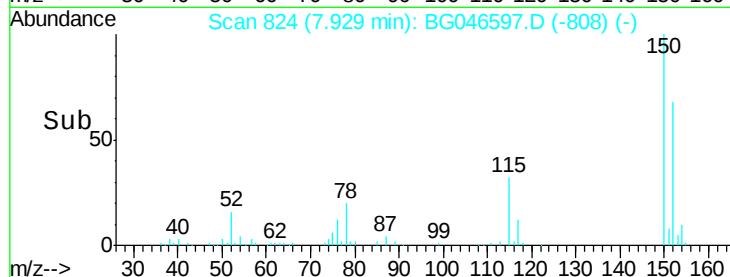
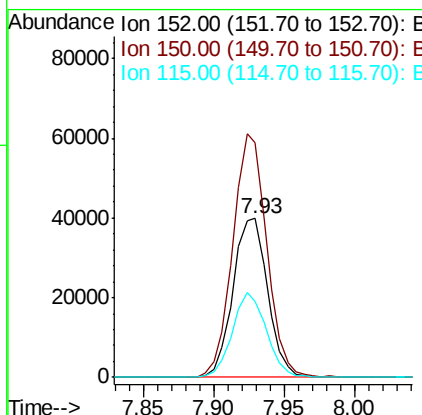
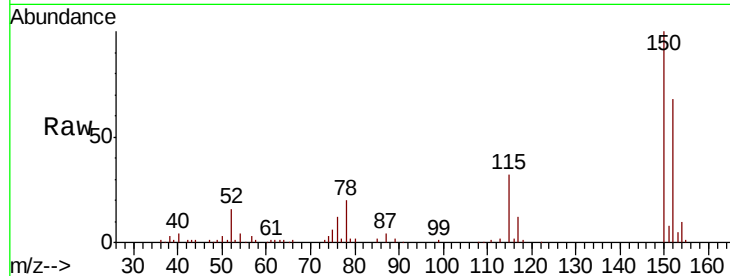


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046597.D
Acq: 11 Sep 2020 15:25

Instrument :
BNA_G
ClientSampleId :
PB131544BL

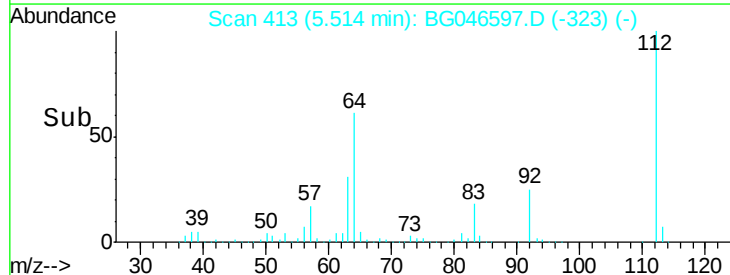
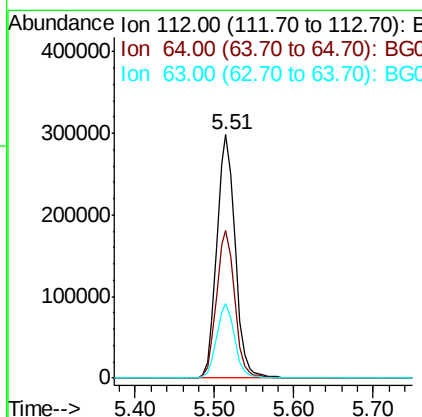
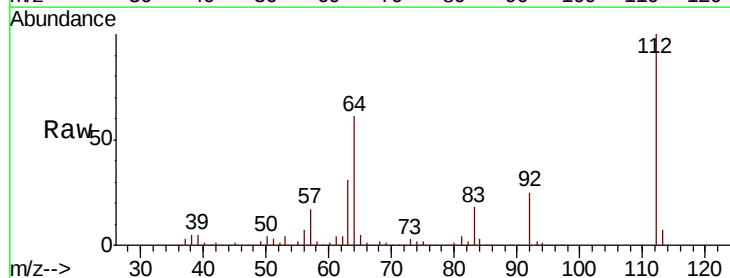
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	119.5	179.3
115	47.6	44.3	66.5



#5

2-Fluorophenol
Concen: 124.291 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046597.D
Acq: 11 Sep 2020 15:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.0	70.6
63	30.6	23.5	35.3





#7

Phenol-d6

Concen: 111.258 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046597.D

Acq: 11 Sep 2020 15:25

Instrument :

BNA_G

ClientSampleId :

PB131544BL

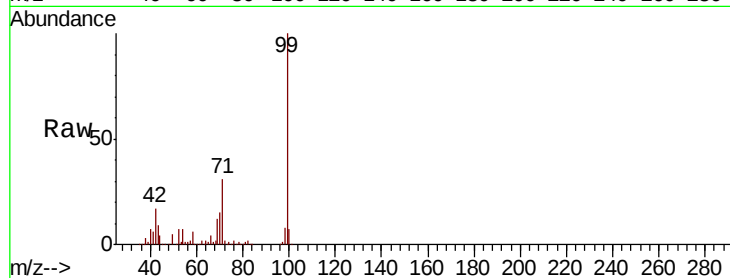
Tot Ion: 99 Resp: 608897

Ion Ratio Lower Upper

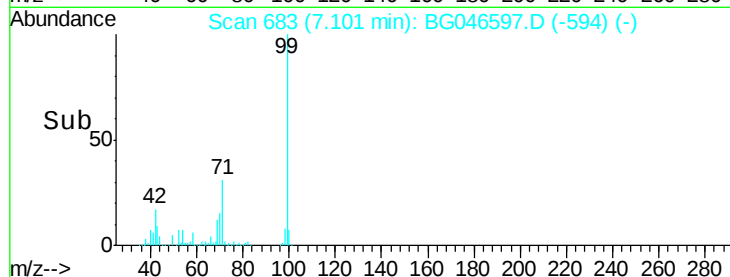
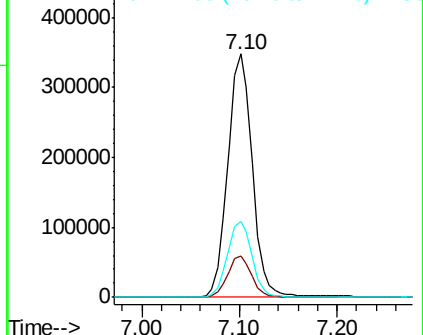
99 100

42 16.8 13.3 19.9

71 31.2 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: BG046597.D

Acq: 11 Sep 2020 15:25

Tgt Ion: 136 Resp: 272952

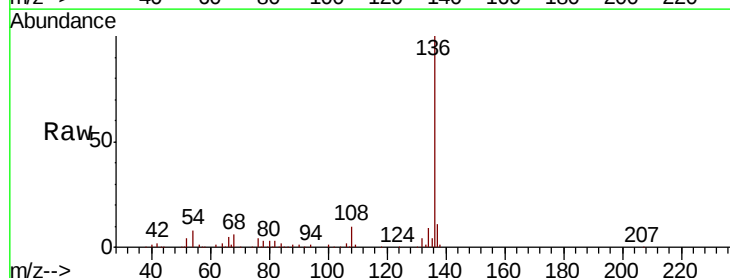
Ion Ratio Lower Upper

136 100

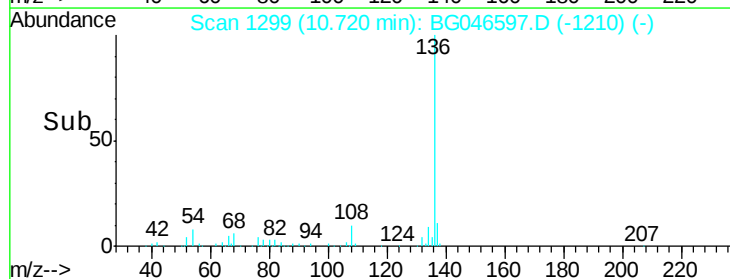
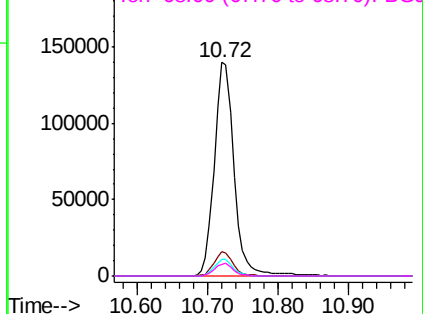
137 11.5 8.8 13.2

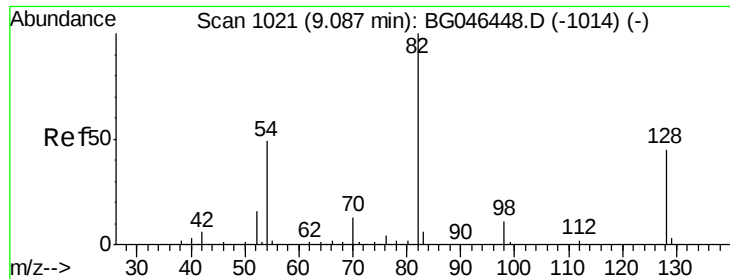
54 7.9 6.1 9.1

68 5.7 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

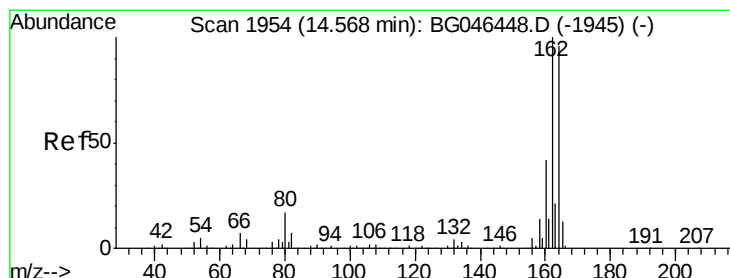
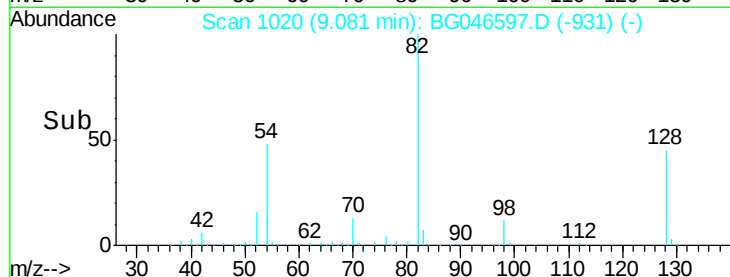
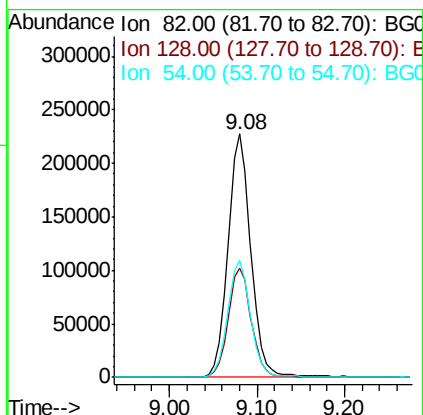
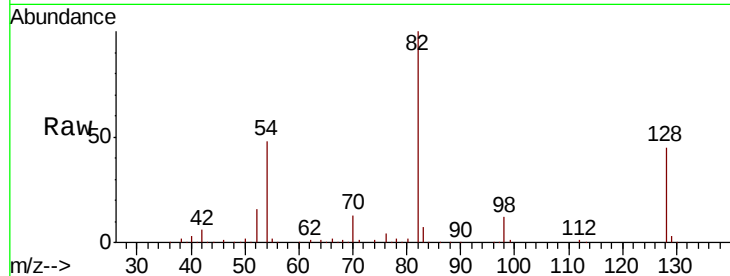




#23
 Nitrobenzene-d5
 Concen: 85.153 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG046597.D
 Acq: 11 Sep 2020 15:25

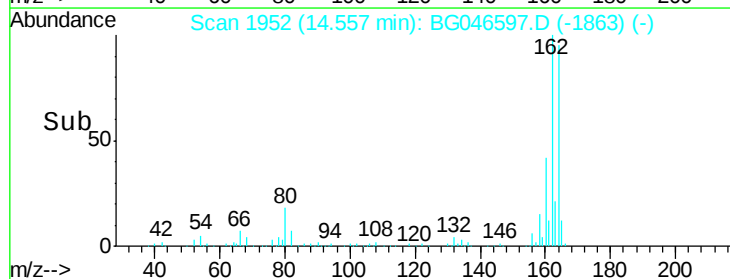
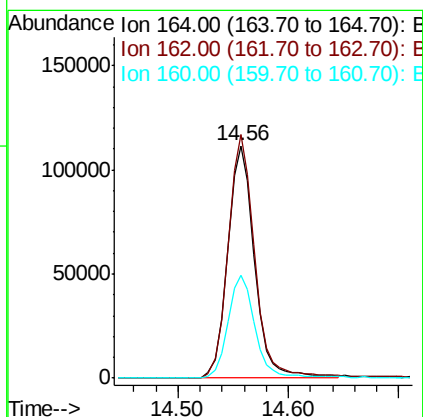
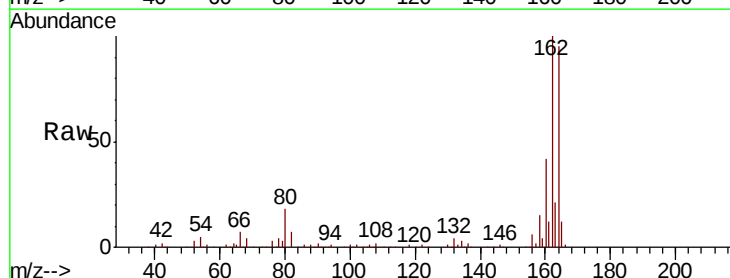
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BL

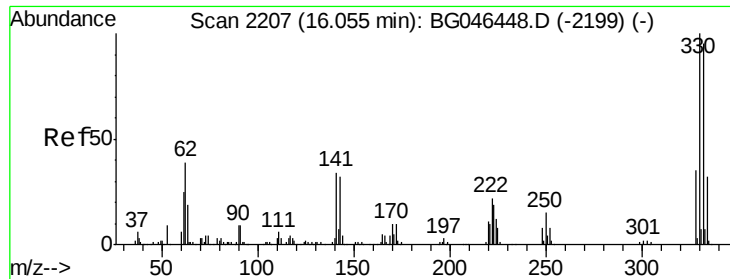
Tot Ion	82	Resp	406660
Ion Ratio	100		
Lower	35.7		
Upper	53.5		
128	44.7		
54	48.1		
	39.4		
	59.0		



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG046597.D
 Acq: 11 Sep 2020 15:25

Tgt Ion	164	Resp	189944
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	83.3		
Upper	124.9		
162	104.9		
160	44.3		
	35.0		
	52.6		





#42

2,4,6-Tribromophenol

Concen: 111.407 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG046597.D

Acq: 11 Sep 2020 15:25

Instrument :

BNA_G

ClientSampleId :

PB131544BL

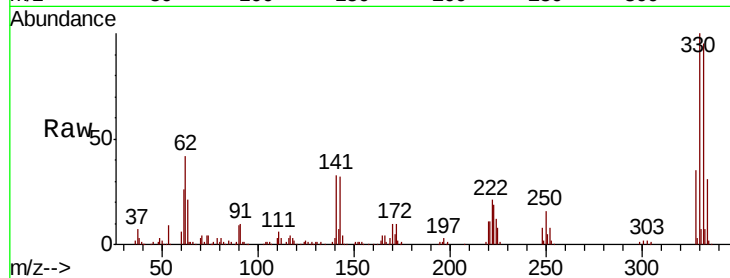
Tot Ion:330 Resp: 286717

Ion Ratio Lower Upper

330 100

332 96.7 76.1 114.1

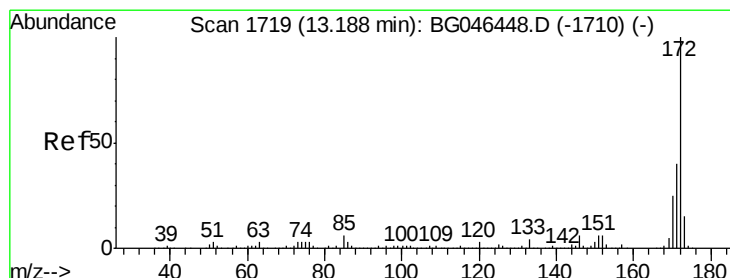
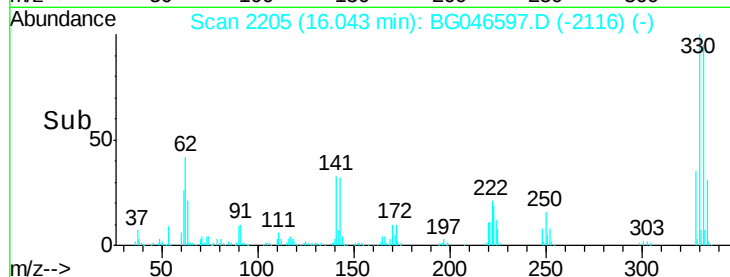
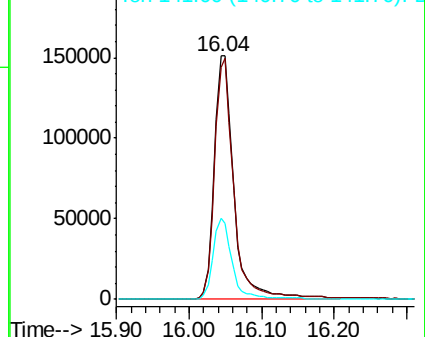
141 32.4 26.1 39.1



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: 88.833 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BG046597.D

Acq: 11 Sep 2020 15:25

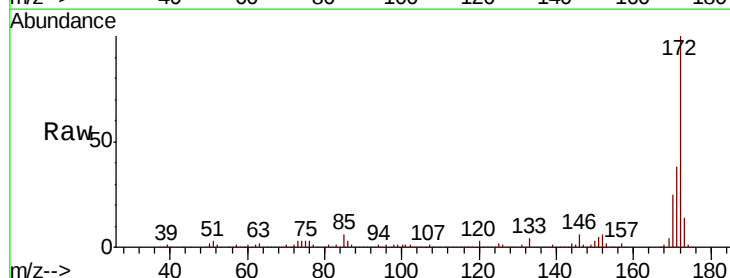
Tgt Ion:172 Resp: 1105316

Ion Ratio Lower Upper

172 100

171 38.1 31.8 47.6

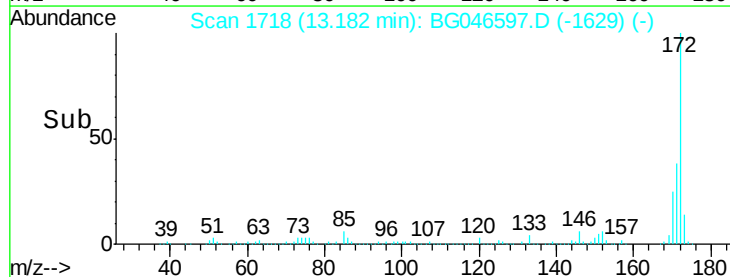
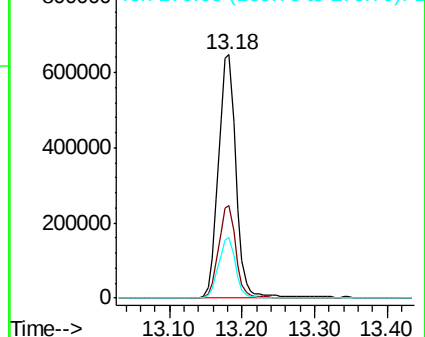
170 24.8 20.3 30.5

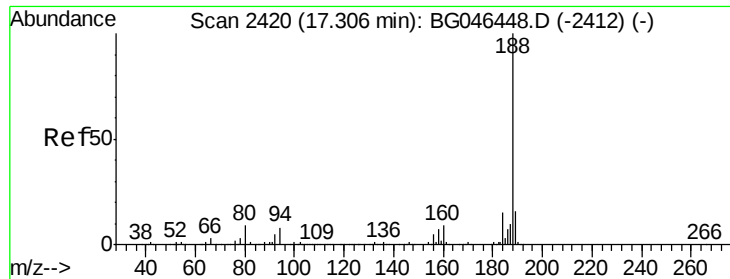


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG046597.D

Acq: 11 Sep 2020 15:25

Instrument :

BNA_G

ClientSampleId :

PB131544BL

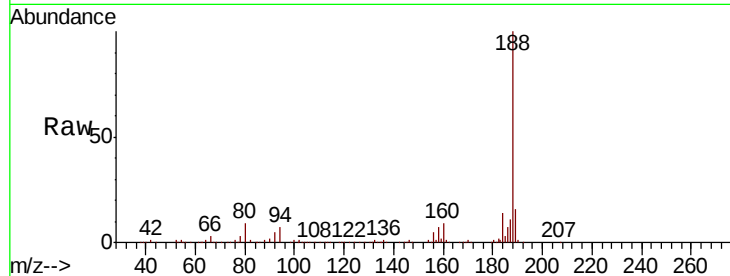
Tot Ion:188 Resp: 463557

Ion Ratio Lower Upper

188 100

94 7.4 6.3 9.5

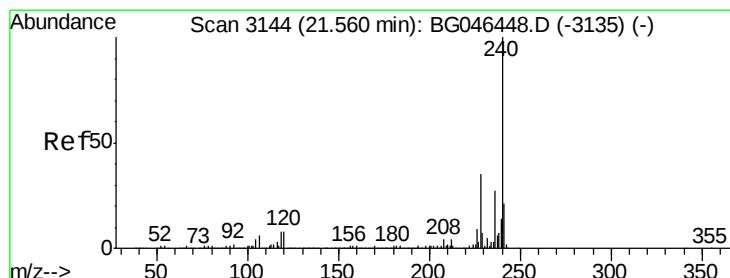
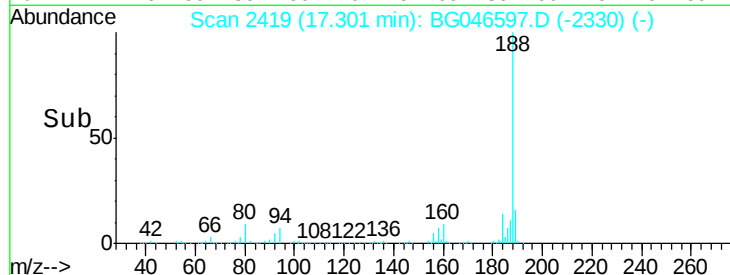
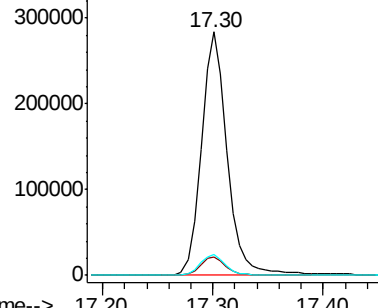
80 8.6 6.9 10.3



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. -0.01 min

Lab File: BG046597.D

Acq: 11 Sep 2020 15:25

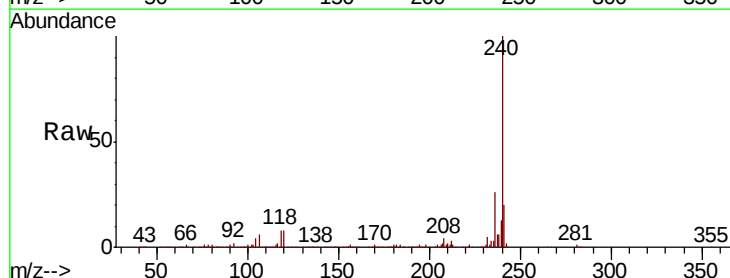
Tgt Ion:240 Resp: 477239

Ion Ratio Lower Upper

240 100

120 7.7 6.6 10.0

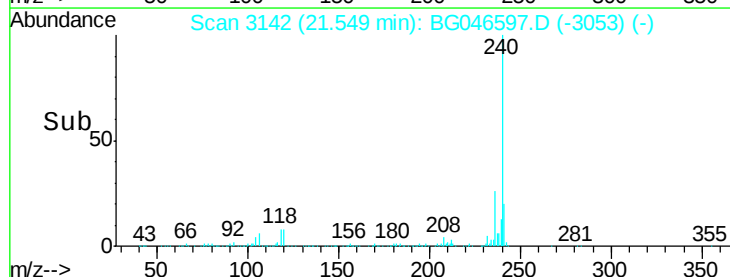
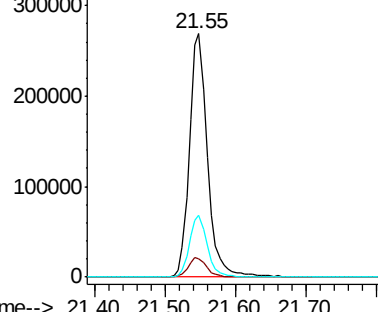
236 25.5 21.4 32.2

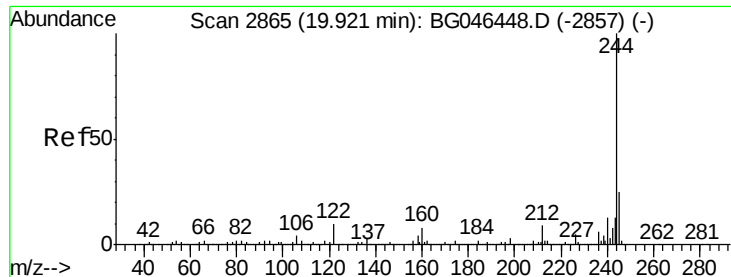


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.618 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046597.D

Acq: 11 Sep 2020 15:25

Instrument :

BNA_G

ClientSampleId :

PB131544BL

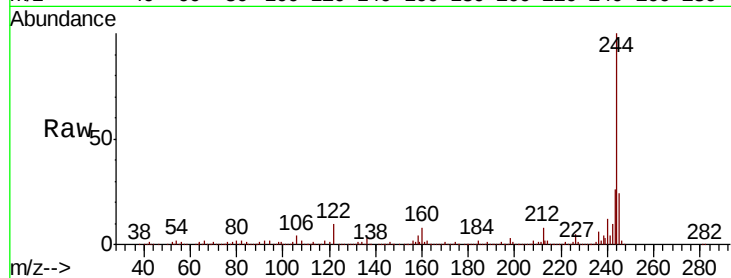
Tot Ion:244 Resp: 1718138

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	9.9	8.2	12.4

244 100

212 8.5 6.9 10.3

122 9.9 8.2 12.4



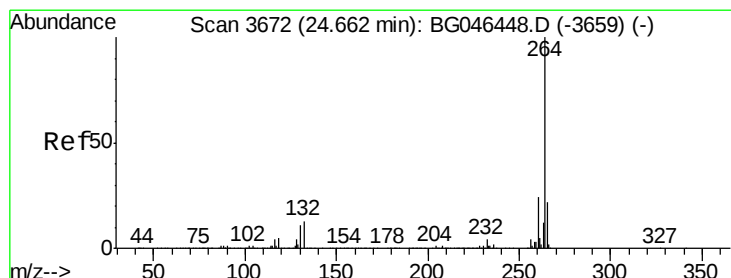
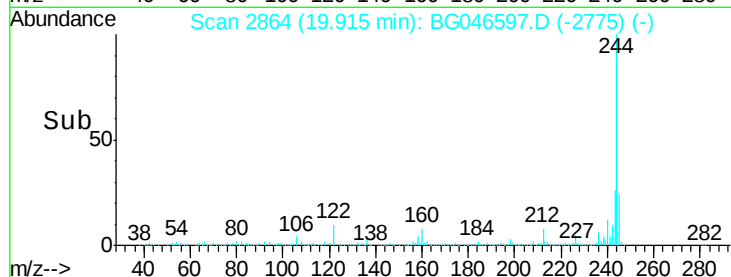
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.92

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046597.D

Acq: 11 Sep 2020 15:25

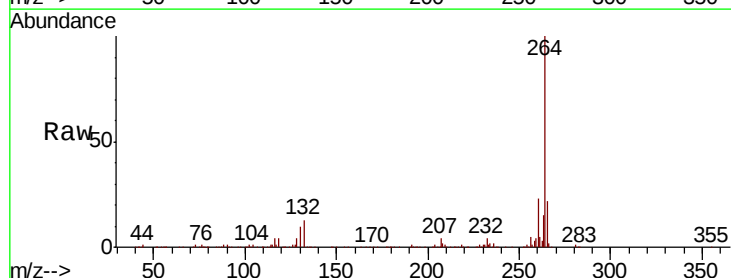
Tgt Ion:264 Resp: 461658

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.4	17.9	26.9

264 100

260 23.3 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

24.65

Time-->

