

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046633.D
 Acq On : 15 Sep 2020 20:48
 Operator : CG/JU
 Sample : L4007-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11929

Quant Time: Sep 16 00:56:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69709	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	289976	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	202631	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	441306	20.00	ng	0.00
76) Chrysene-d12	21.54	240	479614	20.00	ng	0.00
86) Perylene-d12	24.63	264	463641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	446376	113.42	ng	0.00
7) Phenol-d6	7.09	99	528412	94.71	ng	0.00
23) Nitrobenzene-d5	9.07	82	439524	86.63	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	267506	97.43	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1147234	86.43	ng	0.00
79) Terphenyl-d14	19.91	244	1691740	75.07	ng	0.00

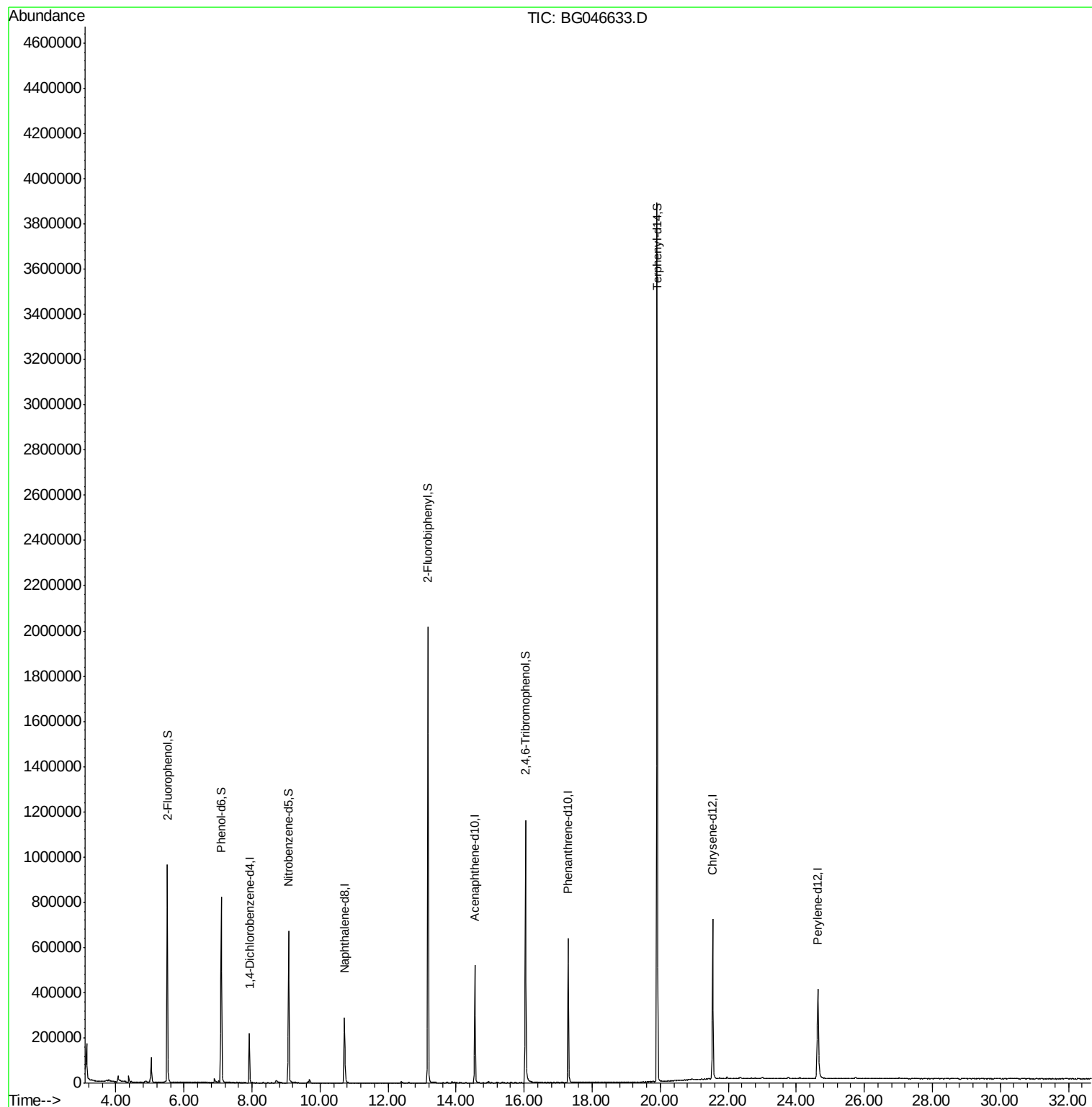
Target Compounds Qvalue

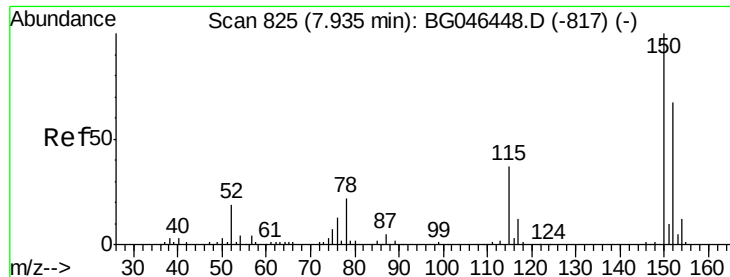
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
Data File : BG046633.D
Acq On : 15 Sep 2020 20:48
Operator : CG/JU
Sample : L4007-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11929

Quant Time: Sep 16 00:56:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 13:09:36 2020
Response via : Initial Calibration



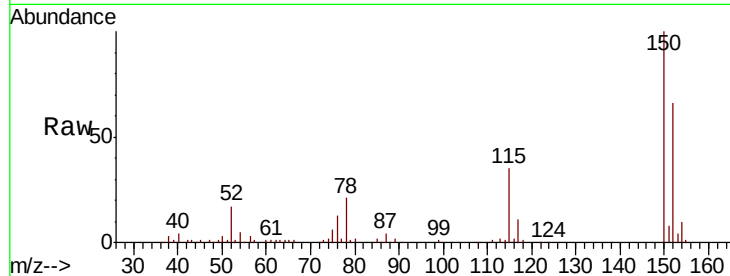


#1

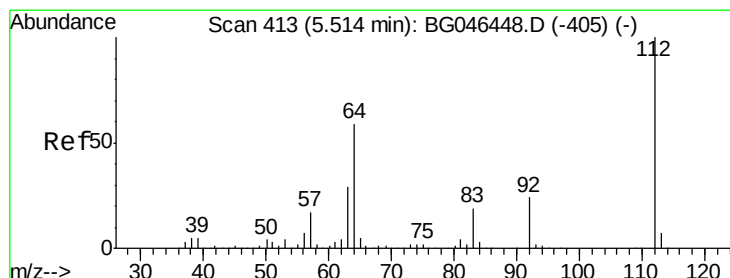
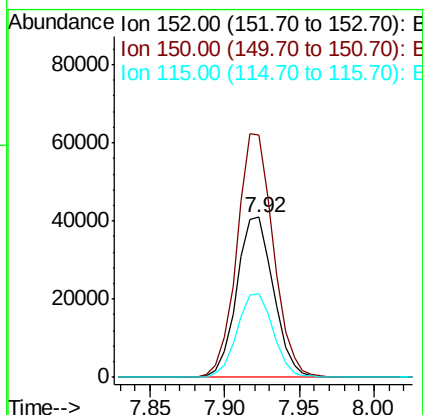
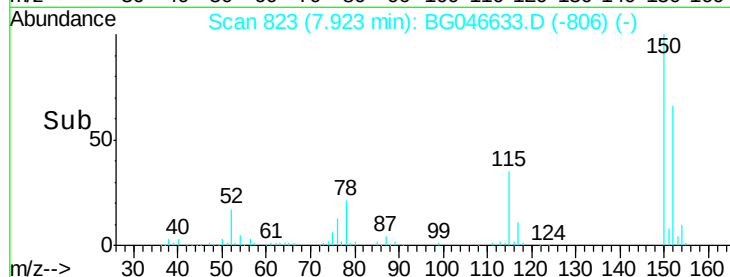
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG046633.D
 Acq: 15 Sep 2020 20:48

Instrument :
 BNA_G
 ClientSampleId :
 72-11929

Tot Ion:152 Resp: 69709
 Ion Ratio Lower Upper
 152 100
 150 151.3 119.5 179.3
 115 52.2 44.3 66.5



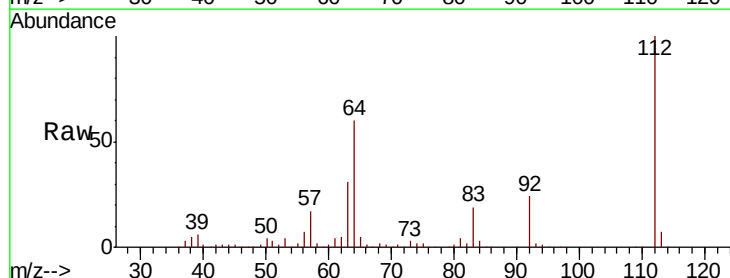
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



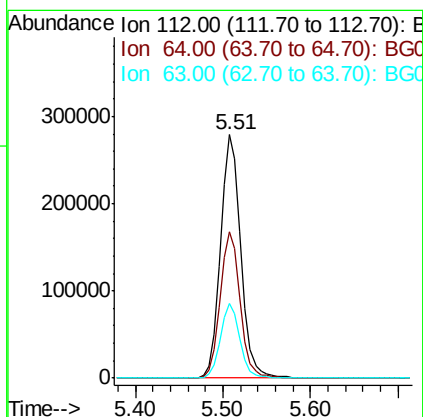
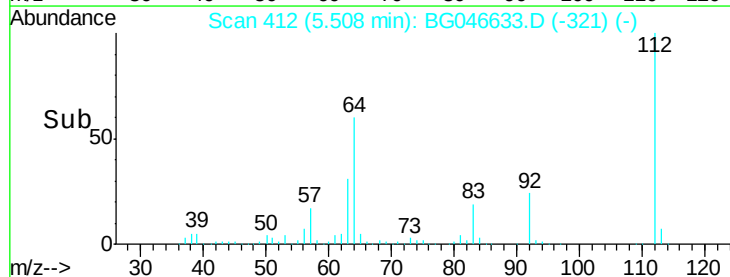
#5

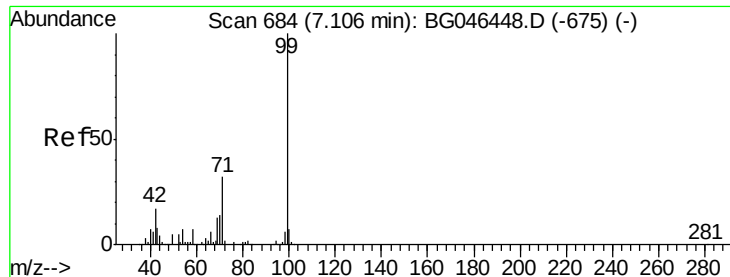
2-Fluorophenol
 Concen: 113.416 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BG046633.D
 Acq: 15 Sep 2020 20:48

Tgt Ion:112 Resp: 446376
 Ion Ratio Lower Upper
 112 100
 64 60.2 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: 94.709 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046633.D

Acq: 15 Sep 2020 20:48

Instrument :

BNA_G

ClientSampleId :

72-11929

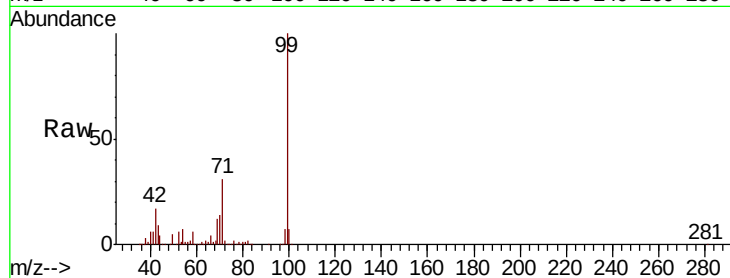
Tot Ion: 99 Resp: 528412

Ion Ratio Lower Upper

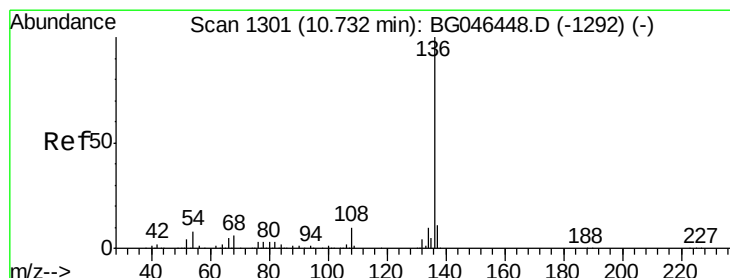
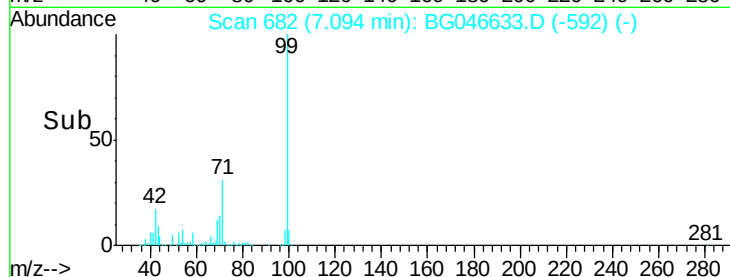
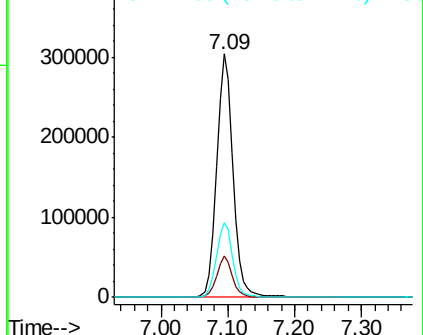
99 100

42 17.0 13.3 19.9

71 30.7 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. 0.00 min

Lab File: BG046633.D

Acq: 15 Sep 2020 20:48

Tgt Ion: 136 Resp: 289976

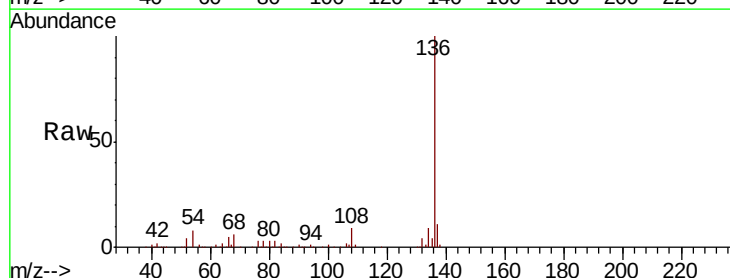
Ion Ratio Lower Upper

136 100

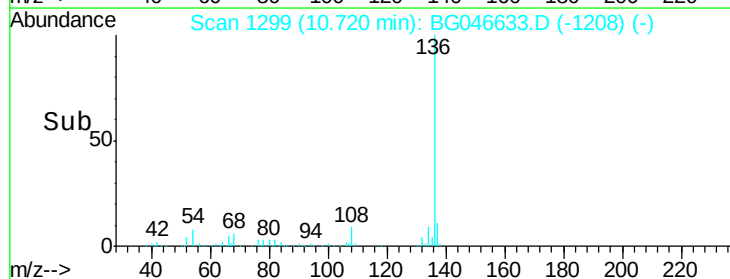
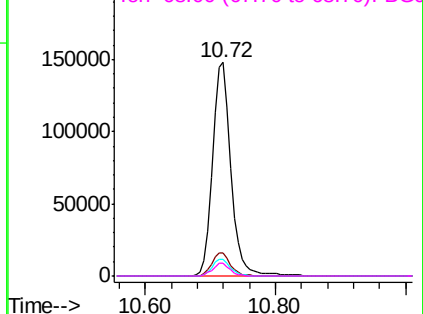
137 10.8 8.8 13.2

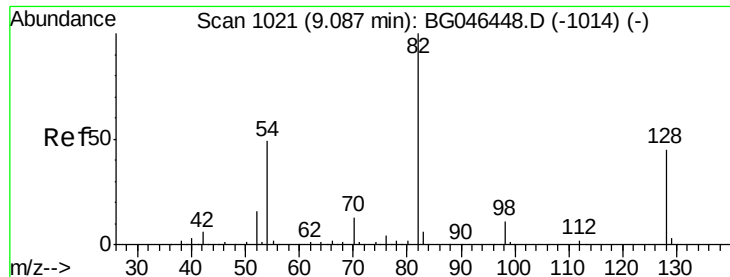
54 7.7 6.1 9.1

68 5.9 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

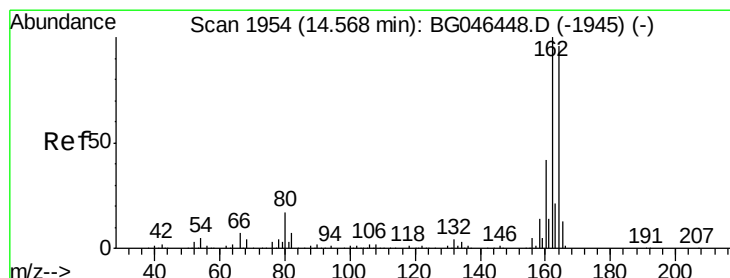
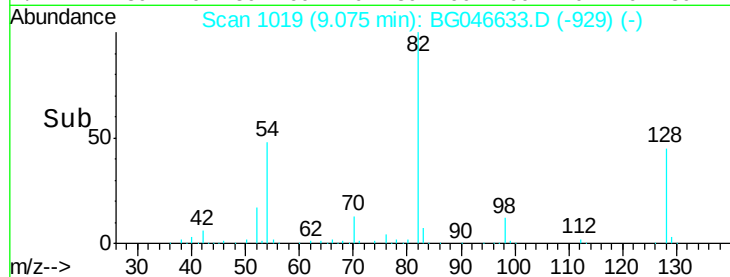
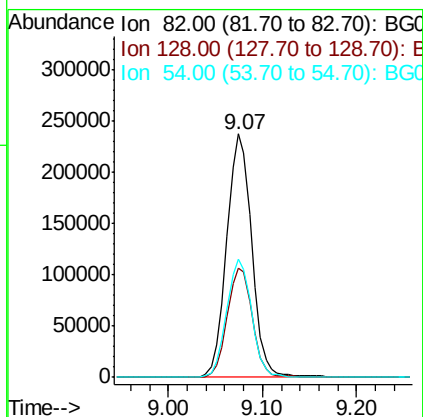
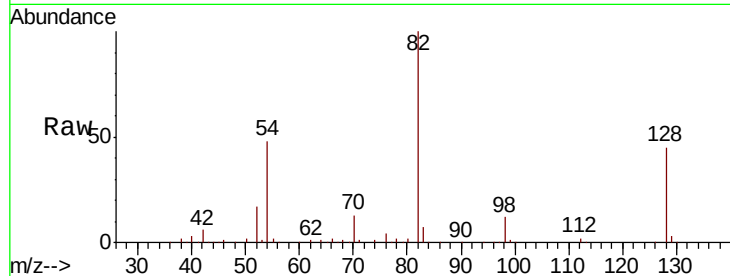




#23
 Nitrobenzene-d5
 Concen: 86.631 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG046633.D
 Acq: 15 Sep 2020 20:48

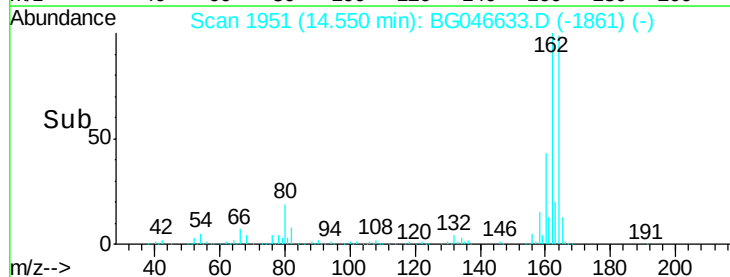
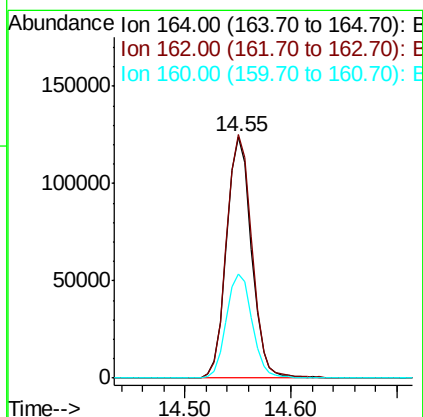
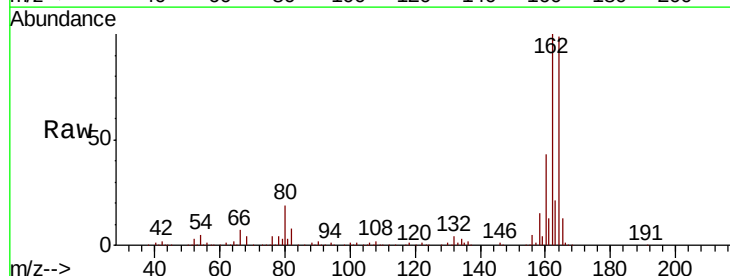
Instrument :
 BNA_G
 ClientSampleId :
 72-11929

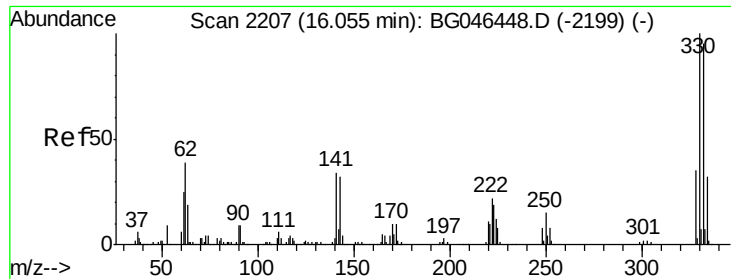
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.7	53.5
54	48.3	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG046633.D
 Acq: 15 Sep 2020 20:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.3	124.9
160	43.2	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 97.434 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046633.D

Acq: 15 Sep 2020 20:48

Instrument :

BNA_G

ClientSampleId :

72-11929

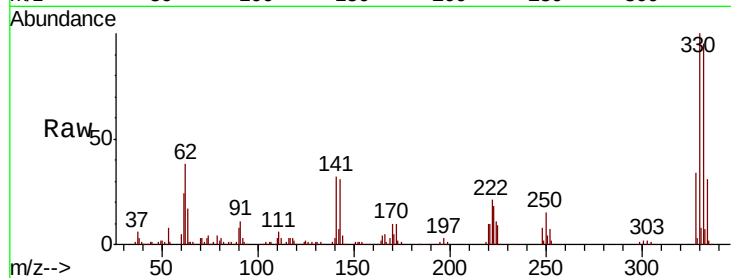
Tot Ion:330 Resp: 267506

Ion Ratio Lower Upper

330 100

332 96.0 76.1 114.1

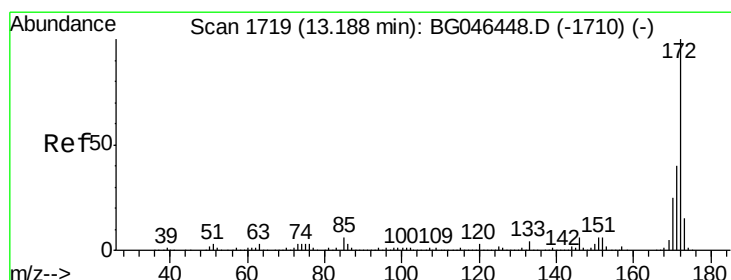
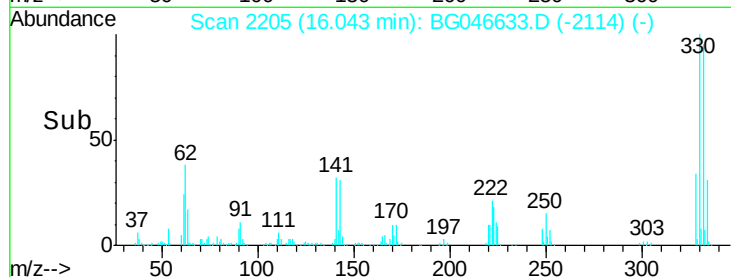
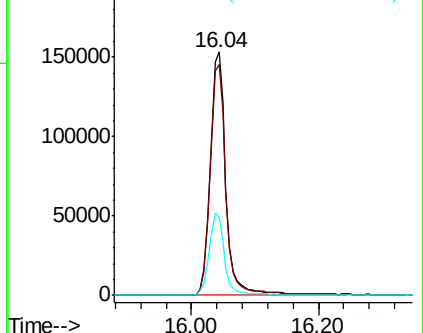
141 32.6 26.1 39.1



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: 86.429 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG046633.D

Acq: 15 Sep 2020 20:48

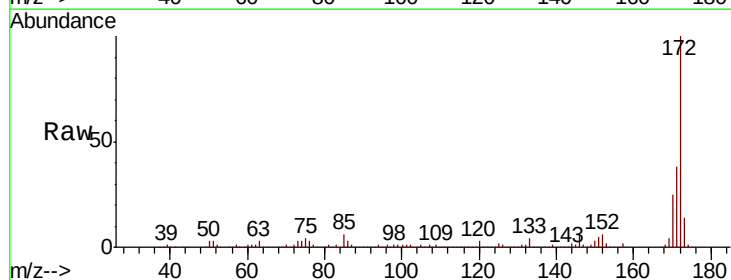
Tgt Ion:172 Resp: 1147234

Ion Ratio Lower Upper

172 100

171 38.4 31.8 47.6

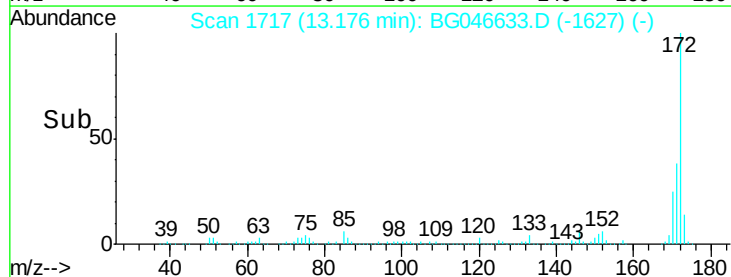
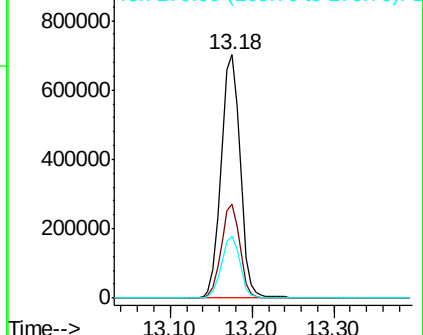
170 25.3 20.3 30.5

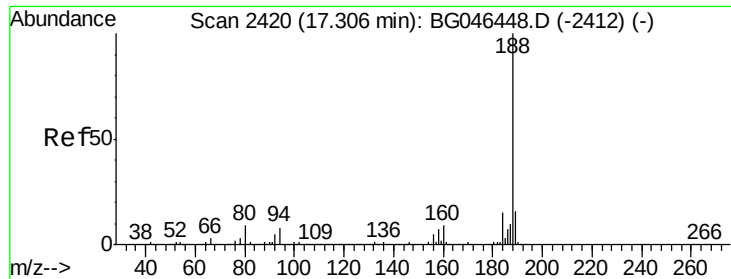


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG046633.D

Acq: 15 Sep 2020 20:48

Instrument :

BNA_G

ClientSampleId :

72-11929

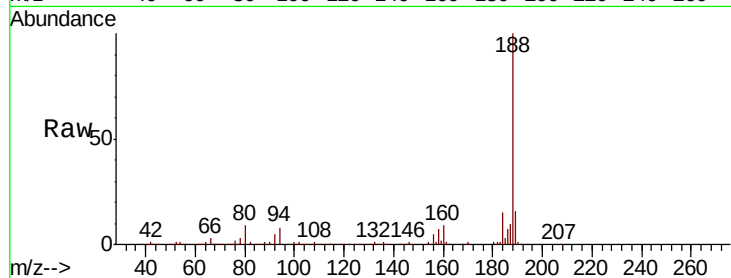
Tot Ion:188 Resp: 441306

Ion Ratio Lower Upper

188 100

94 7.6 6.3 9.5

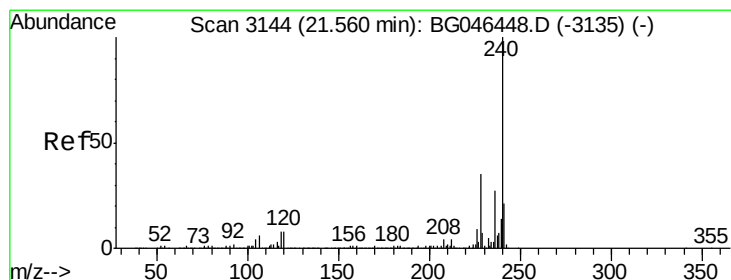
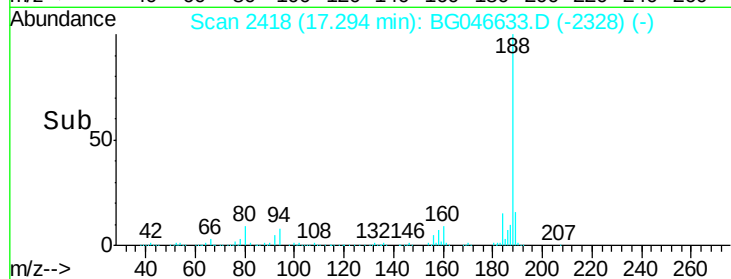
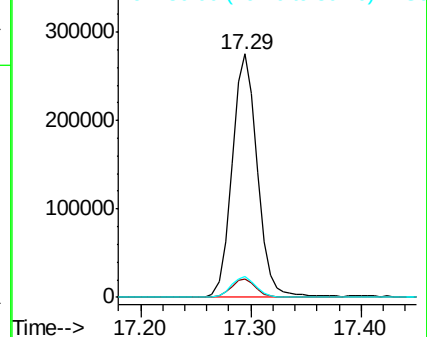
80 8.6 6.9 10.3



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: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046633.D

Acq: 15 Sep 2020 20:48

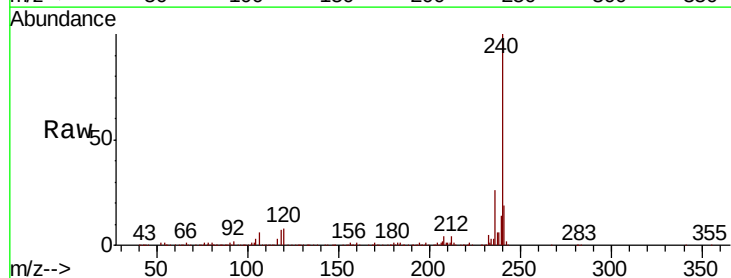
Tgt Ion:240 Resp: 479614

Ion Ratio Lower Upper

240 100

120 7.8 6.6 10.0

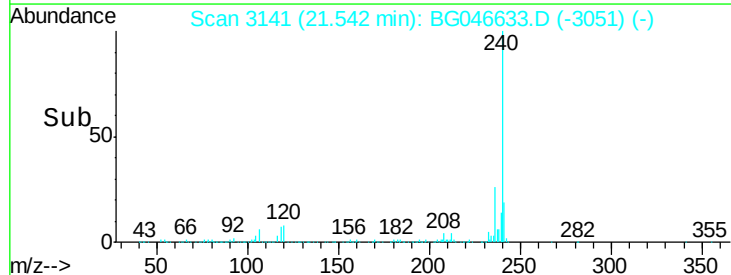
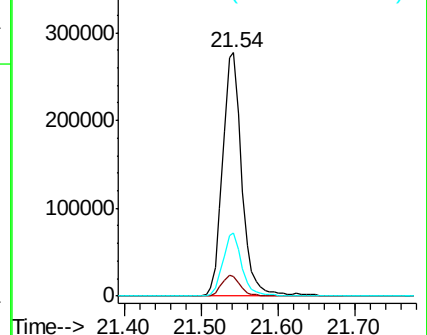
236 25.8 21.4 32.2

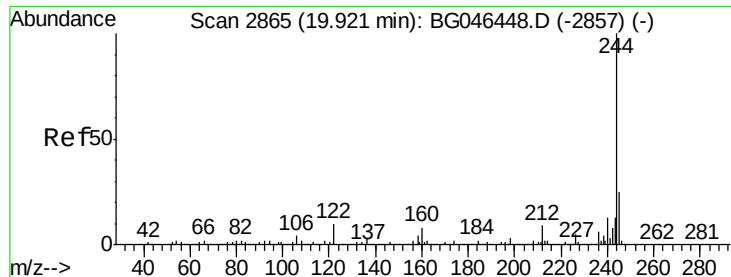


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.067 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046633.D

Acq: 15 Sep 2020 20:48

Instrument :

BNA_G

ClientSampleId :

72-11929

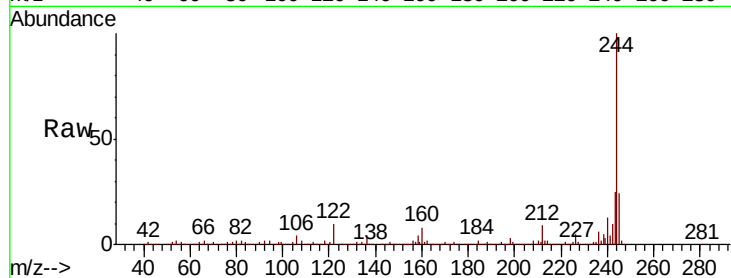
Tot Ion:244 Resp: 1691740

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

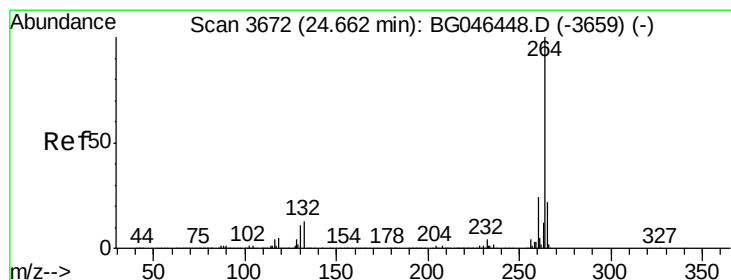
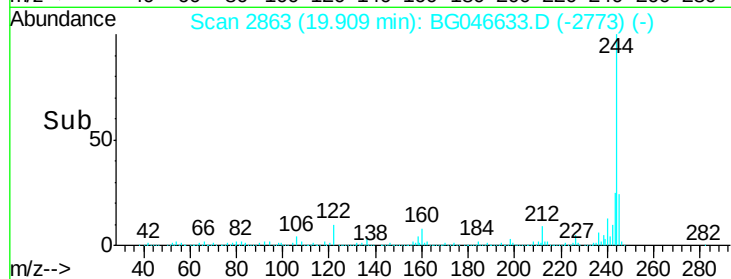
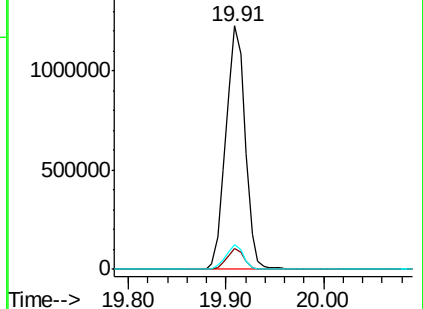
122 10.0 8.2 12.4



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: 24.63 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG046633.D

Acq: 15 Sep 2020 20:48

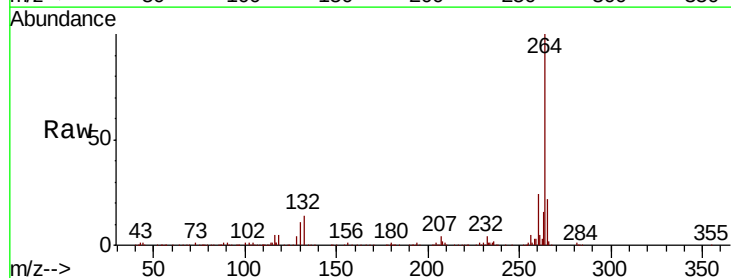
Tgt Ion:264 Resp: 463641

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.1 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

