

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046465.D
 Acq On : 26 Aug 2020 22:33
 Operator : CG/JU
 Sample : L3784-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-06

Quant Time: Aug 27 01:58:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	60781	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	239202	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	161826	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	444453	20.00	ng	0.00
76) Chrysene-d12	21.55	240	548178	20.00	ng	0.00
86) Perylene-d12	24.65	264	545033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	385136	112.23	ng	0.00
7) Phenol-d6	7.10	99	461413	94.85	ng	0.00
23) Nitrobenzene-d5	9.08	82	366722	87.62	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	272172	124.13	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	917063	86.51	ng	0.00
79) Terphenyl-d14	19.92	244	1903205	73.89	ng	0.00

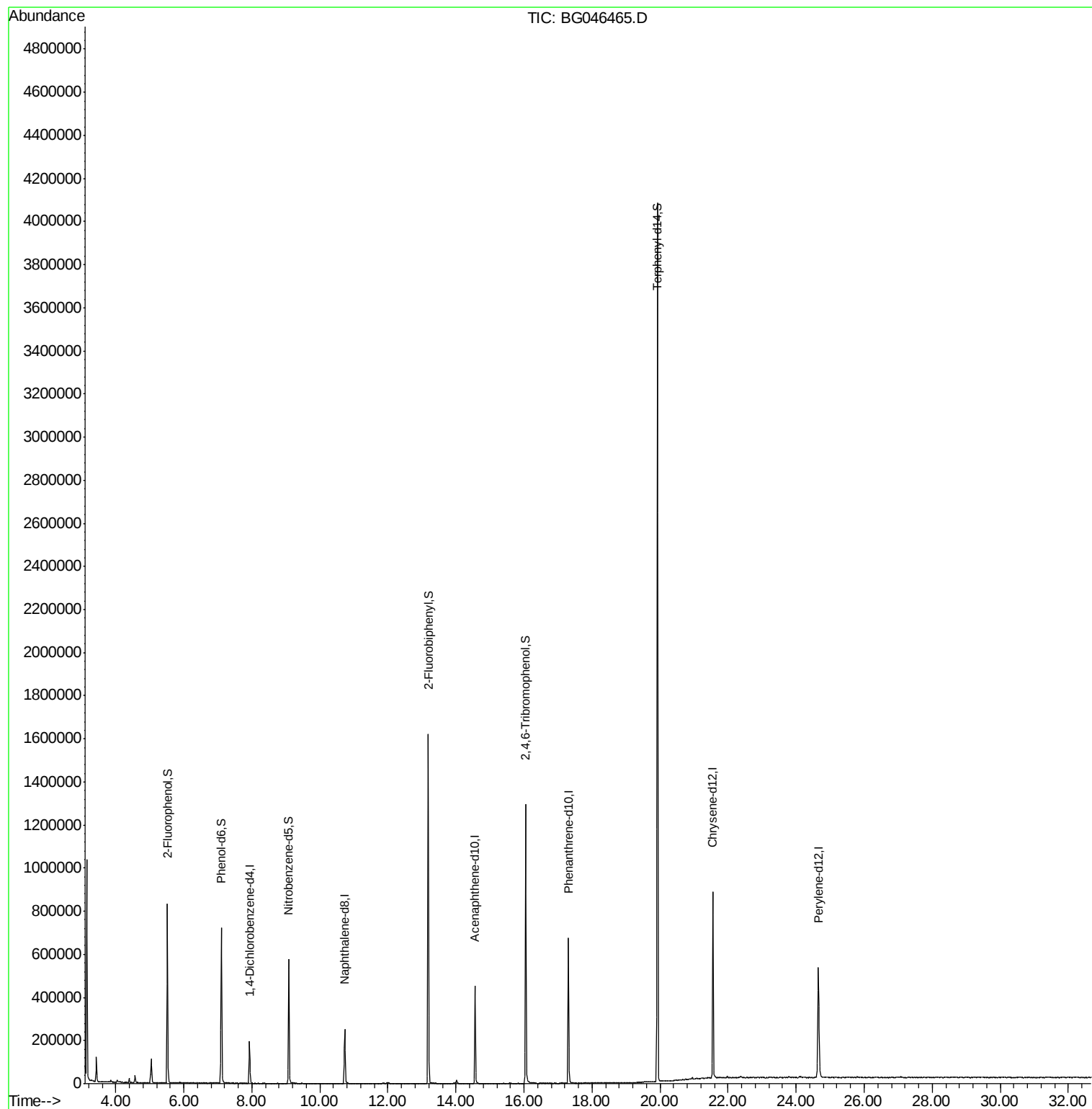
Target Compounds Qvalue

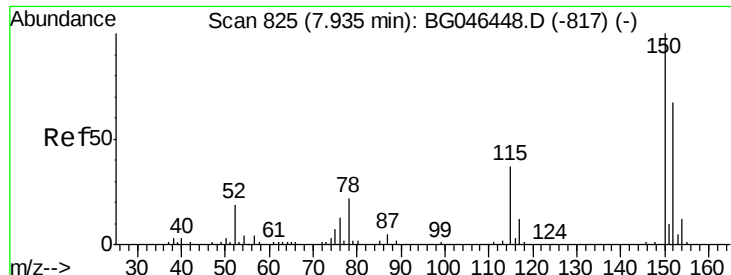
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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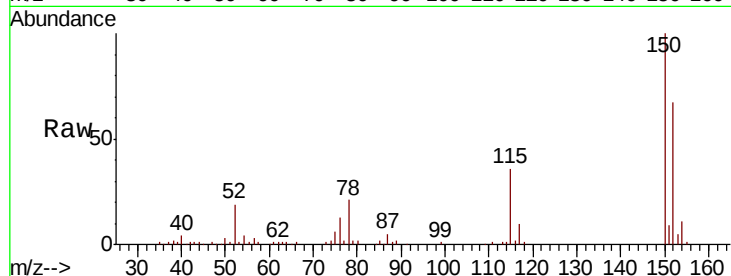


#1

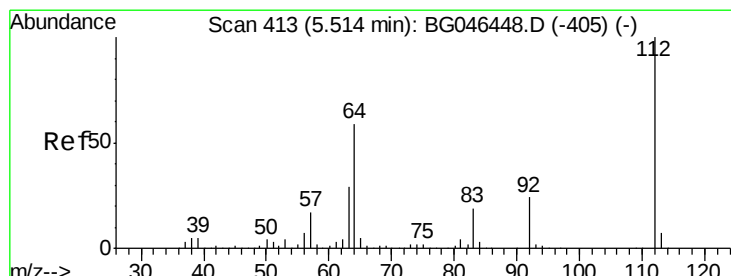
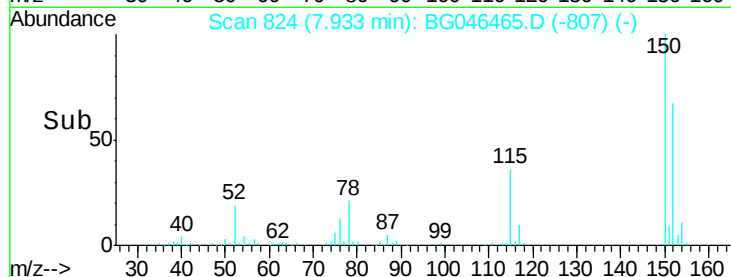
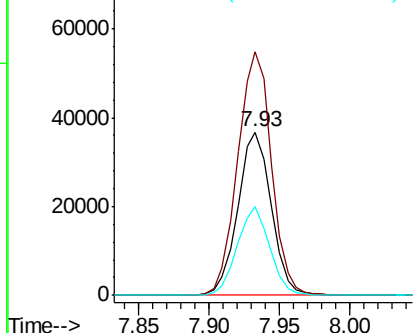
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046465.D
Acq: 26 Aug 2020 22:33

Instrument :
BNA_G
ClientSampleId :
RO-06

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	54.0	44.3	66.5



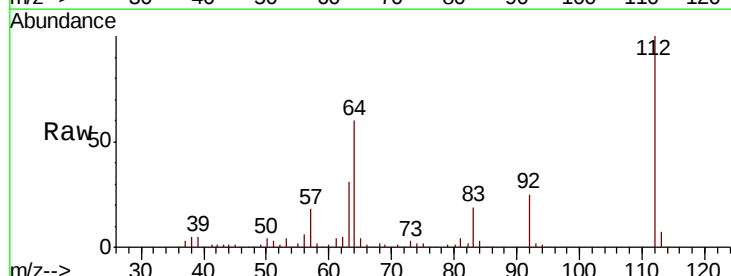
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



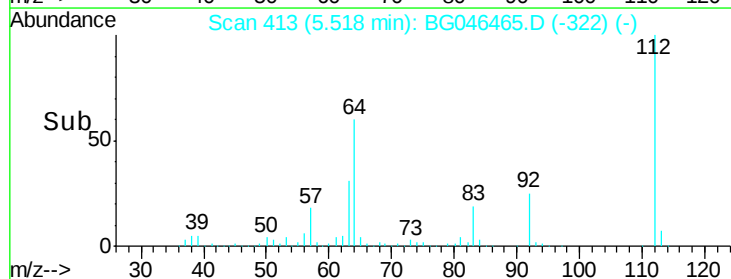
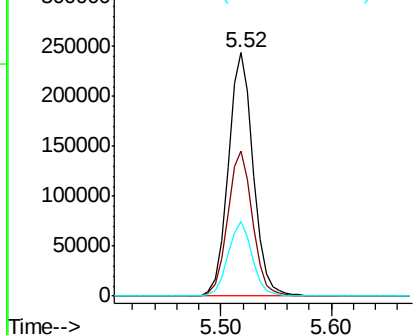
#5

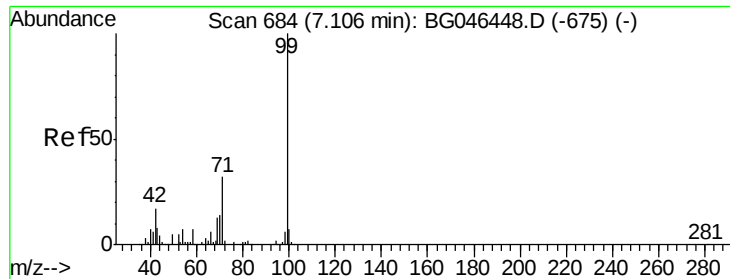
2-Fluorophenol
Concen: 112.230 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046465.D
Acq: 26 Aug 2020 22:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.0	70.6
63	30.6	23.5	35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 94.849 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046465.D

Acq: 26 Aug 2020 22:33

Instrument :

BNA_G

ClientSampleId :

RO-06

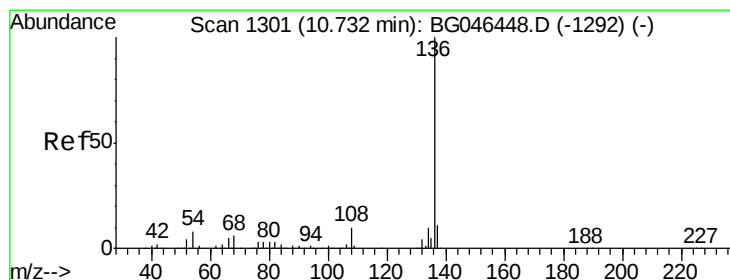
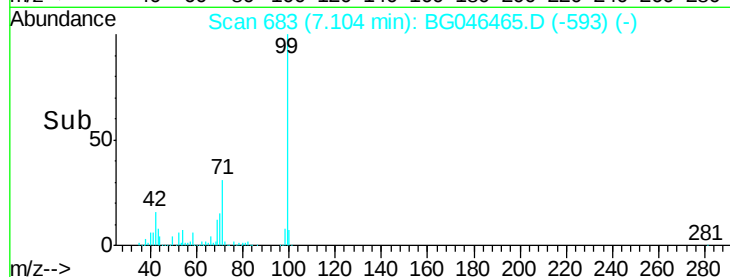
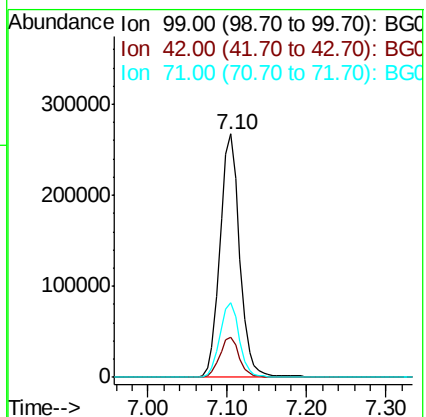
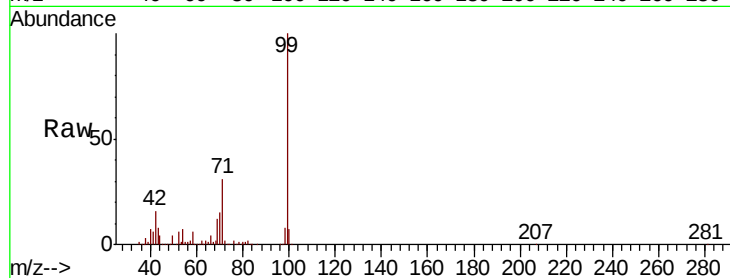
Tot Ion: 99 Resp: 461413

Ion Ratio Lower Upper

99 100

42 16.2 13.3 19.9

71 30.6 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: BG046465.D

Acq: 26 Aug 2020 22:33

Tgt Ion: 136 Resp: 239202

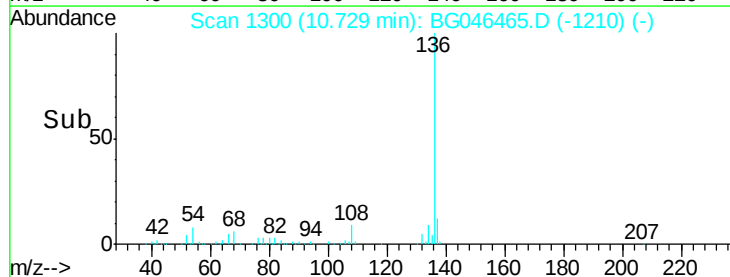
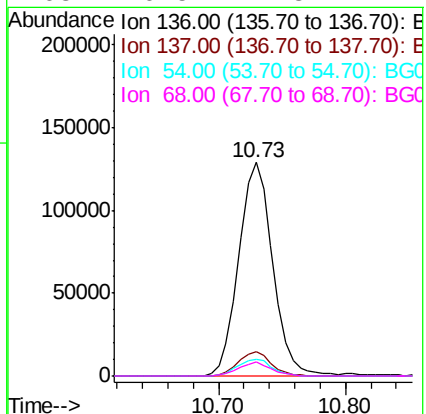
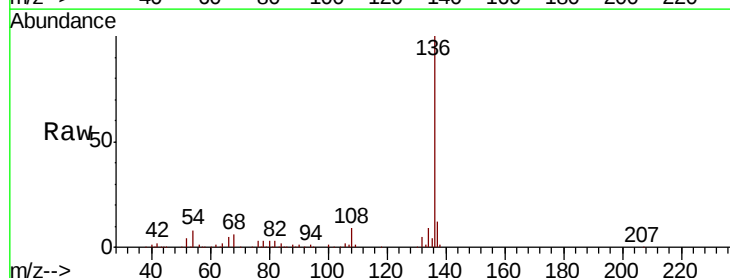
Ion Ratio Lower Upper

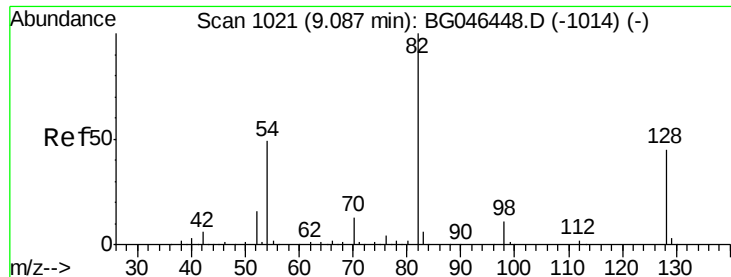
136 100

137 11.6 8.8 13.2

54 7.5 6.1 9.1

68 6.5 4.8 7.2

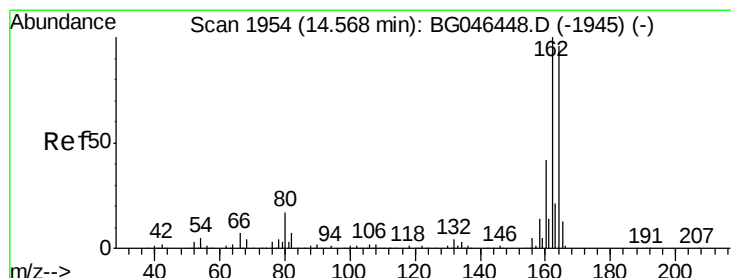
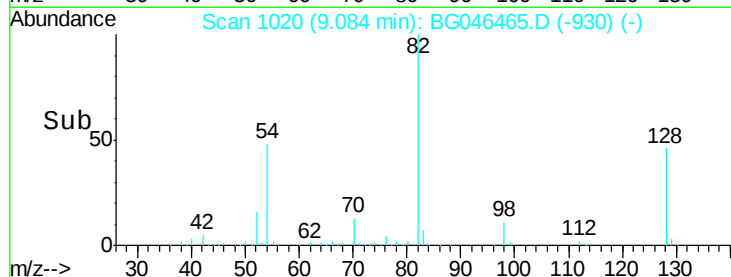
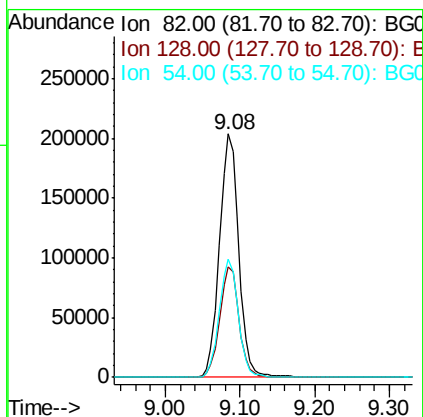
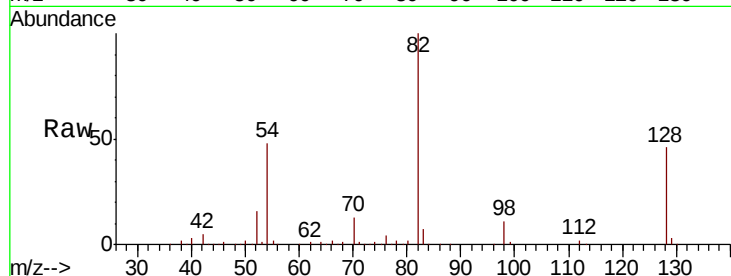




#23
 Nitrobenzene-d5
 Concen: 87.625 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046465.D
 Acq: 26 Aug 2020 22:33

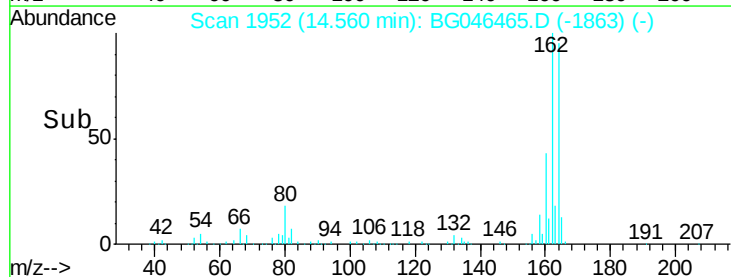
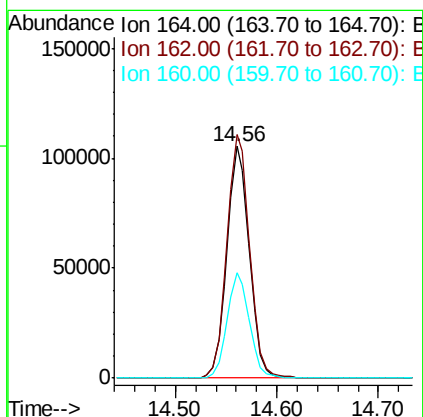
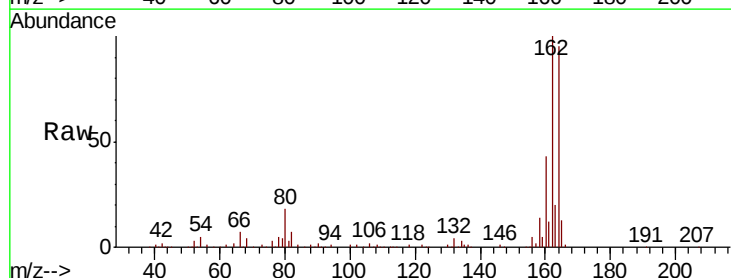
Instrument :
 BNA_G
 ClientSampled :
 RO-06

Tot Ion: 82 Resp: 366722
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.7 53.5
 54 48.5 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: BG046465.D
 Acq: 26 Aug 2020 22:33

Tgt Ion:164 Resp: 161826
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.3 124.9
 160 45.5 35.0 52.6

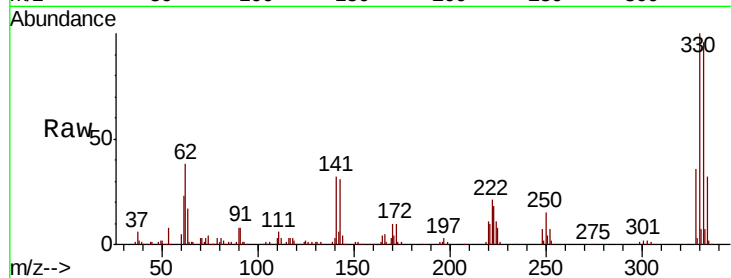




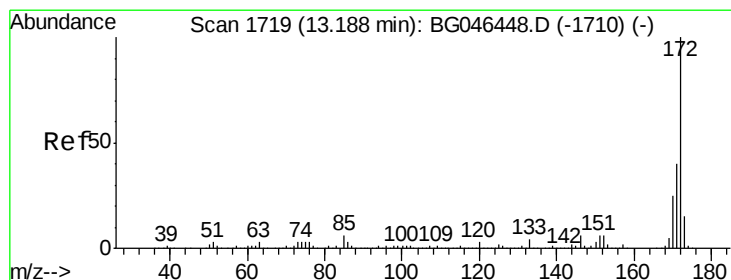
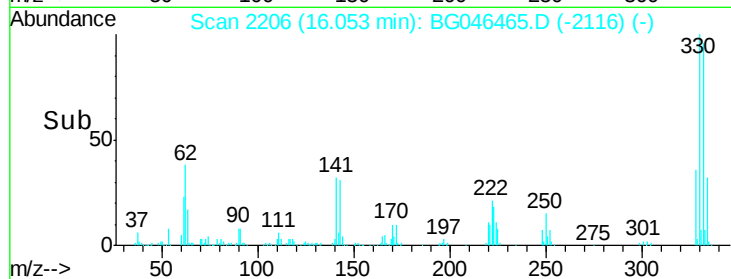
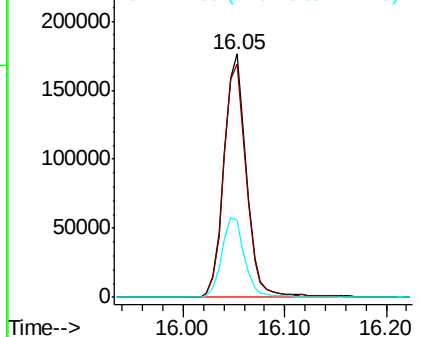
#42
 2,4,6-Tribromophenol
 Concen: 124.130 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG046465.D
 Acq: 26 Aug 2020 22:33

Instrument :
 BNA_G
 ClientSampleId :
 RO-06

Tot Ion:330 Resp: 272172
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.1 114.1
 141 33.2 26.1 39.1

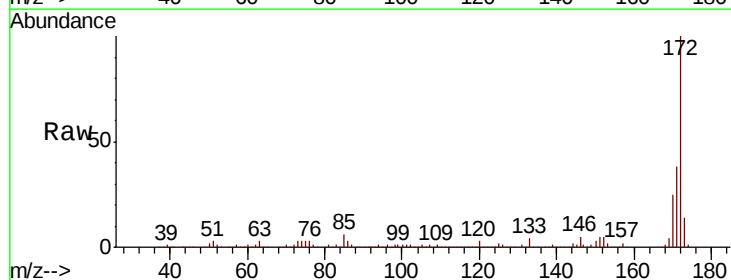


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

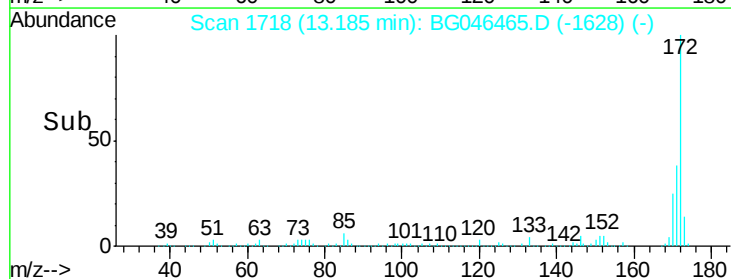
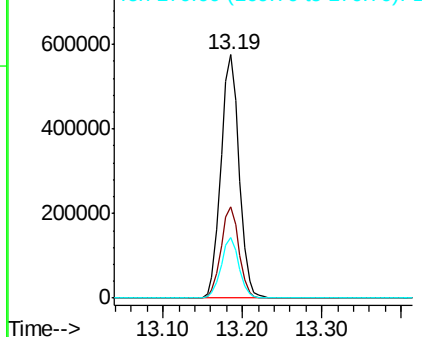


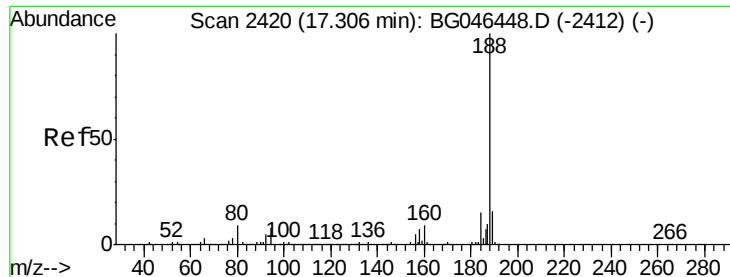
#45
 2-Fluorobiphenyl
 Concen: 86.510 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046465.D
 Acq: 26 Aug 2020 22:33

Tgt Ion:172 Resp: 917063
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.8 47.6
 170 24.9 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

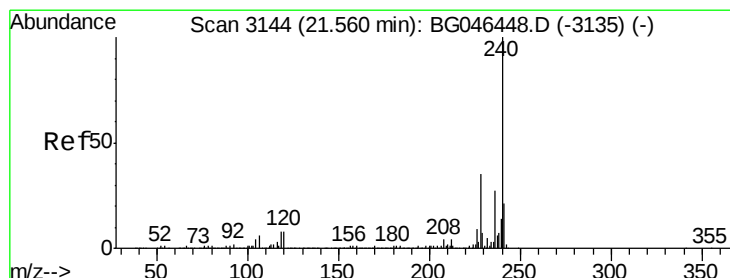
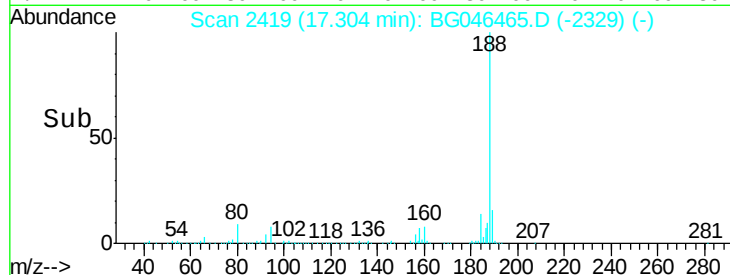
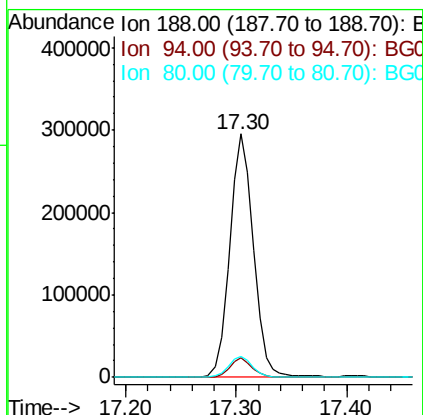
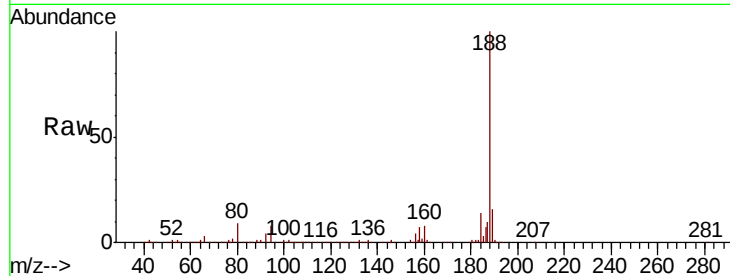




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046465.D
Acq: 26 Aug 2020 22:33

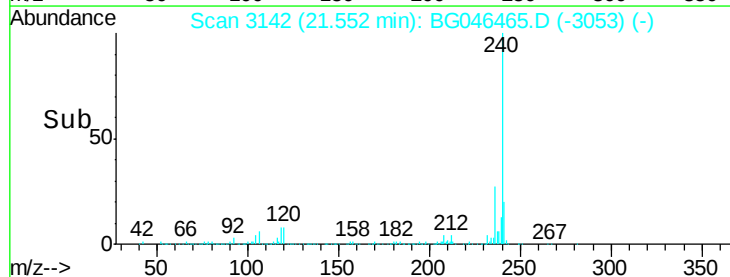
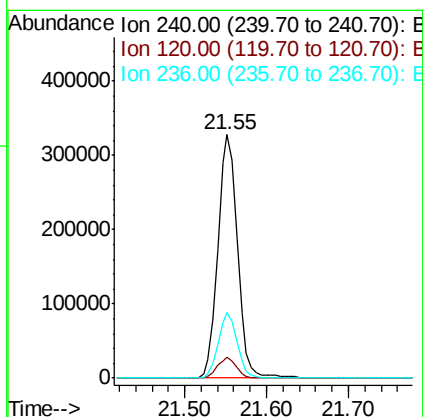
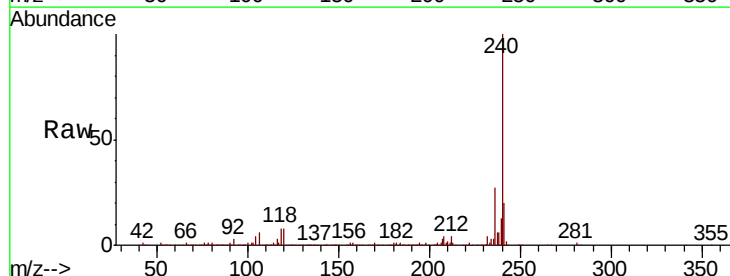
Instrument :
BNA_G
ClientSampleId :
RO-06

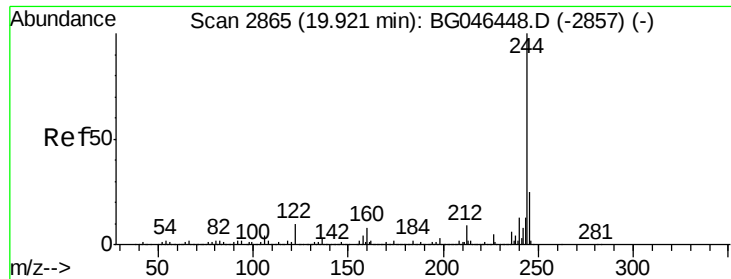
Tot Ion:188 Resp: 444453
Ion Ratio Lower Upper
188 100
94 8.1 6.3 9.5
80 8.7 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046465.D
Acq: 26 Aug 2020 22:33

Tgt Ion:240 Resp: 548178
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 26.7 21.4 32.2





#79

Terphenyl-d14

Concen: 73.888 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046465.D

Acq: 26 Aug 2020 22:33

Instrument :

BNA_G

ClientSampleId :

RO-06

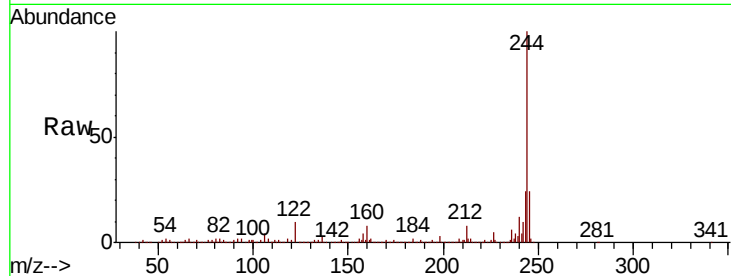
Tot Ion:244 Resp: 1903205

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

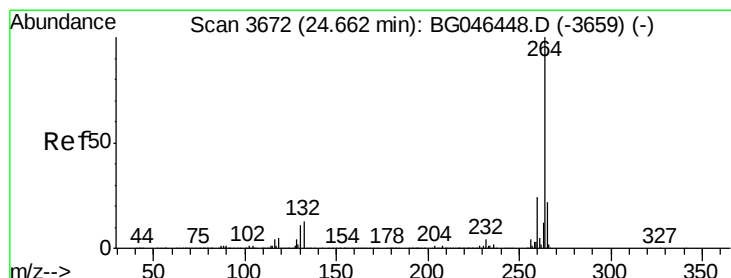
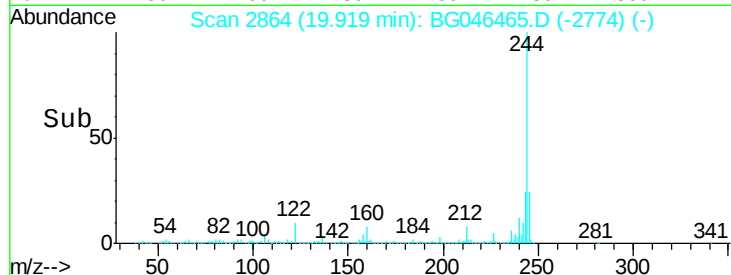
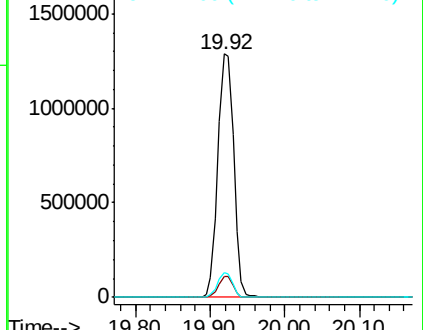
122 10.4 8.2 12.4



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: BG046465.D

Acq: 26 Aug 2020 22:33

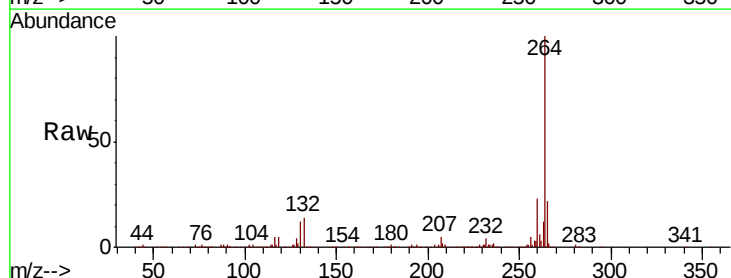
Tgt Ion:264 Resp: 545033

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 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

