

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046462.D
 Acq On : 26 Aug 2020 20:32
 Operator : CG/JU
 Sample : L3784-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-11

Quant Time: Aug 27 01:52:34 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	62360	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	251334	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	174674	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	469991	20.00	ng	0.00
76) Chrysene-d12	21.55	240	575728	20.00	ng	0.00
86) Perylene-d12	24.65	264	573127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	388652	110.39	ng	0.00
7) Phenol-d6	7.10	99	453496	90.86	ng	0.00
23) Nitrobenzene-d5	9.08	82	371201	84.41	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	295260	124.76	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	953056	83.29	ng	0.00
79) Terphenyl-d14	19.92	244	1970622	72.84	ng	0.00

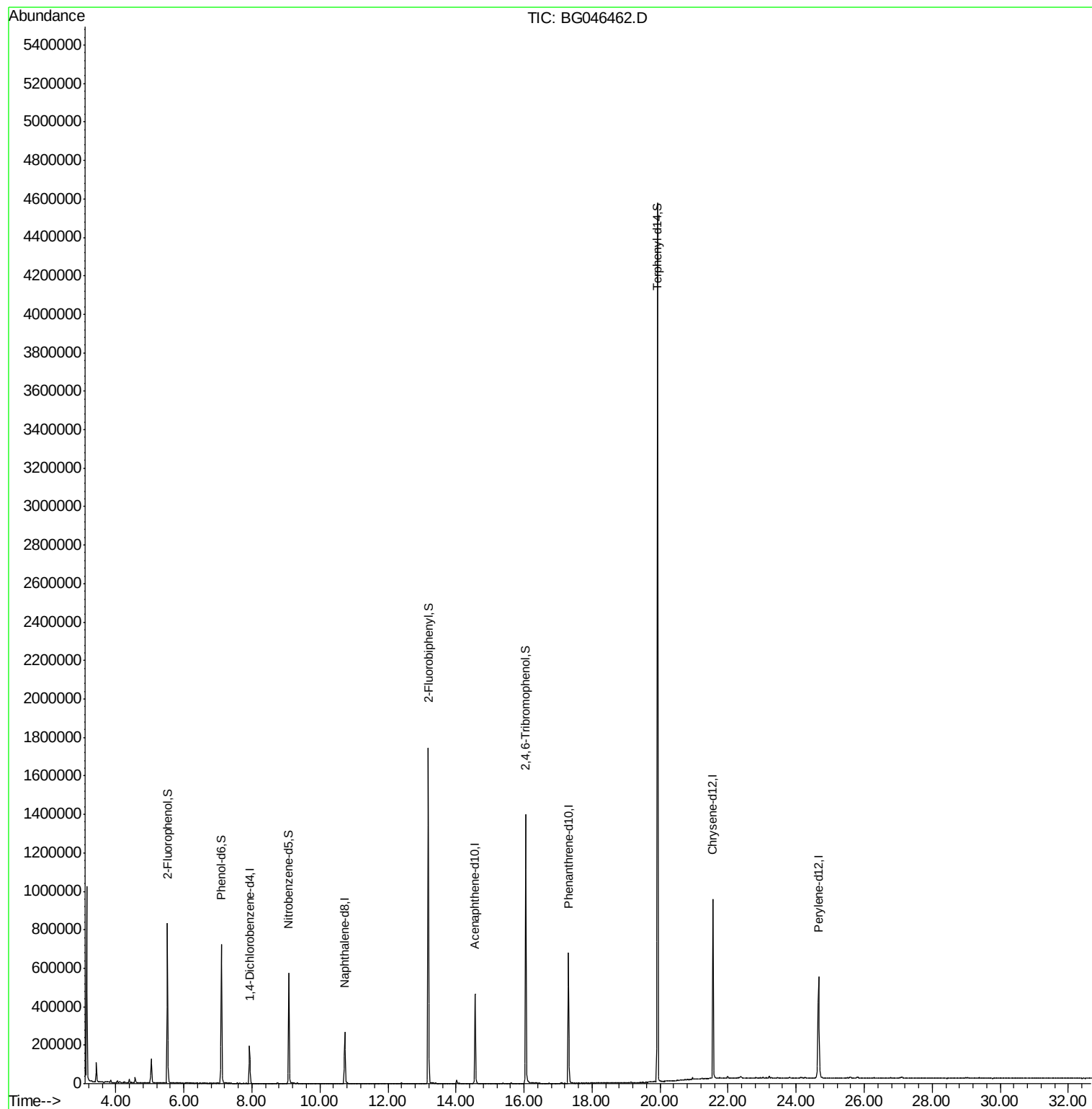
Target Compounds Qvalue

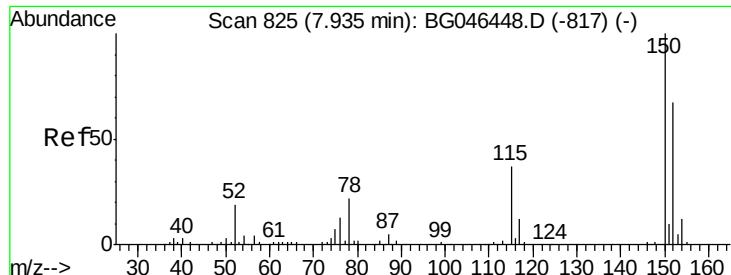
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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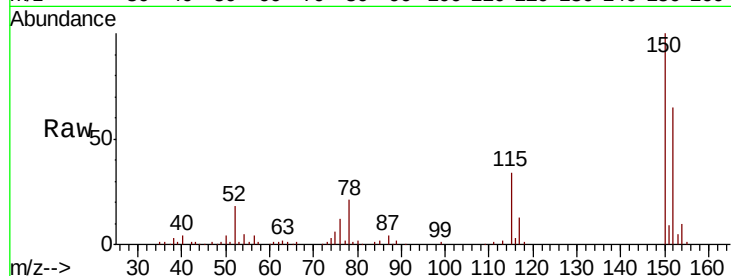


#1

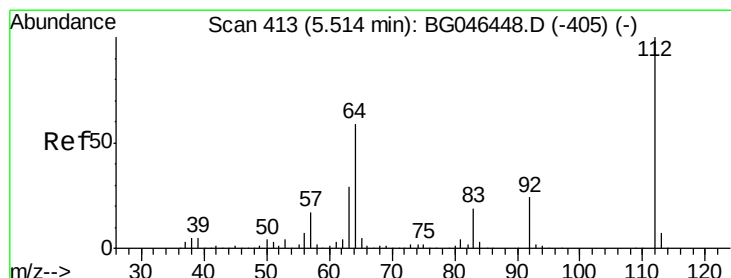
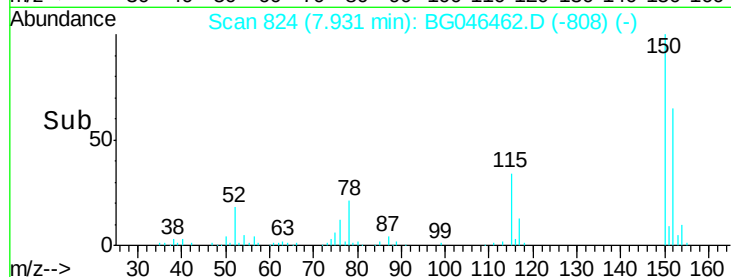
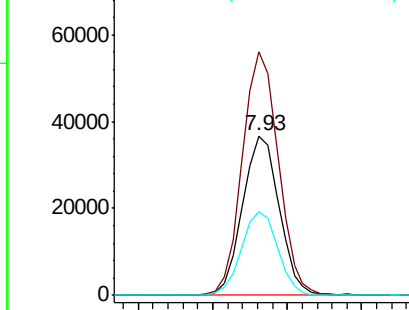
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046462.D
 Acq: 26 Aug 2020 20:32

Instrument :
 BNA_G
 ClientSampleId :
 RO-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	119.5	179.3
115	52.7	44.3	66.5



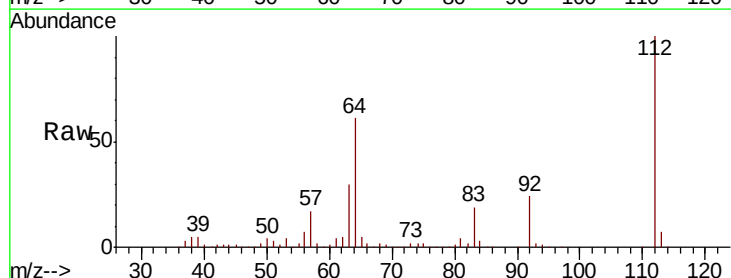
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



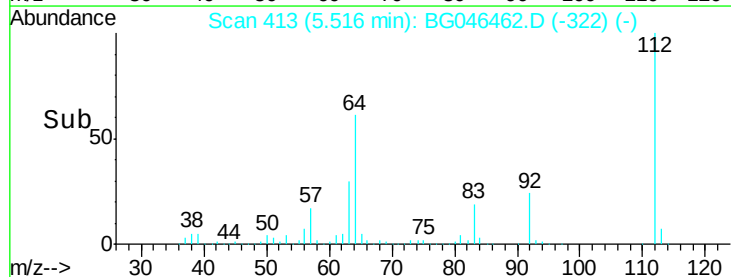
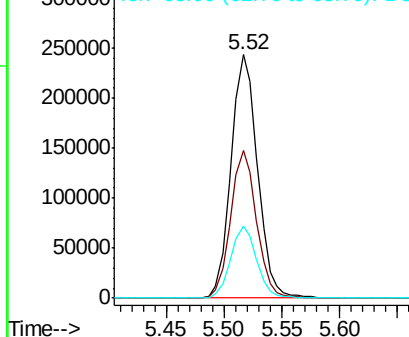
#5

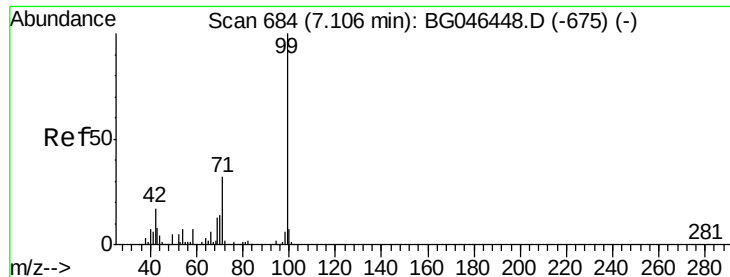
2-Fluorophenol
 Concen: 110.387 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046462.D
 Acq: 26 Aug 2020 20:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.0	70.6
63	29.6	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: 90.861 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046462.D

Acq: 26 Aug 2020 20:32

Instrument :

BNA_G

ClientSampleId :

RO-11

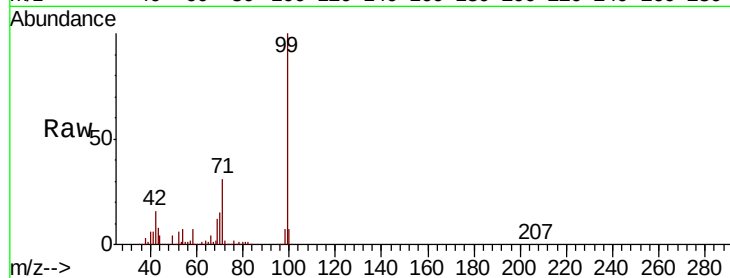
Tot Ion: 99 Resp: 453496

Ion Ratio Lower Upper

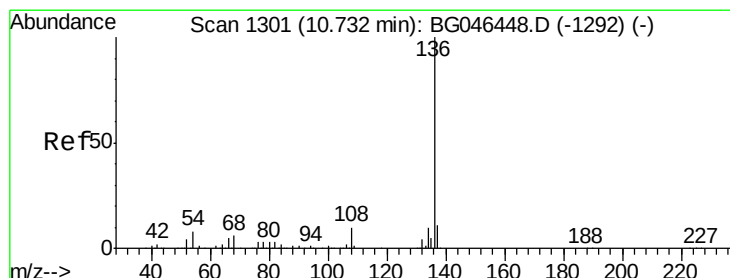
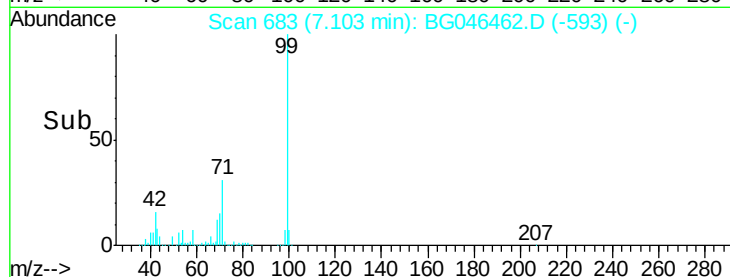
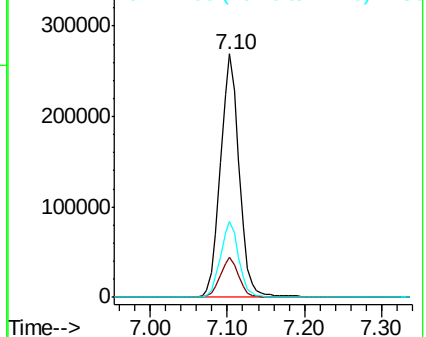
99 100

42 16.3 13.3 19.9

71 31.0 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: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG046462.D

Acq: 26 Aug 2020 20:32

Tgt Ion: 136 Resp: 251334

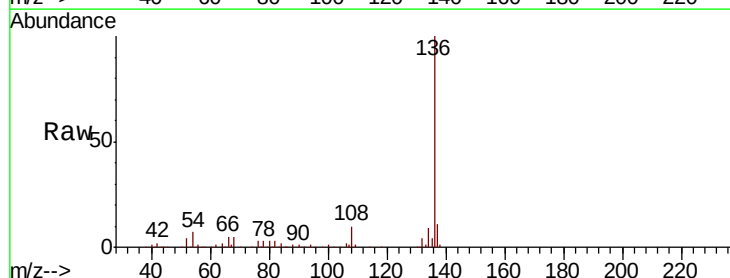
Ion Ratio Lower Upper

136 100

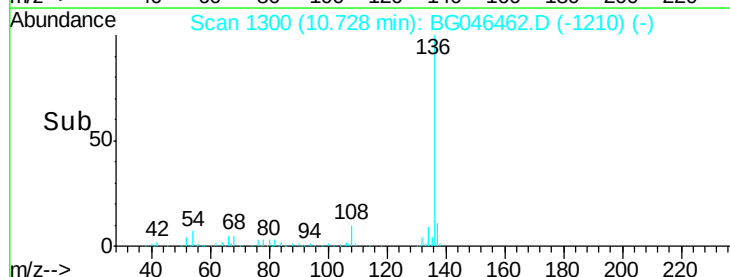
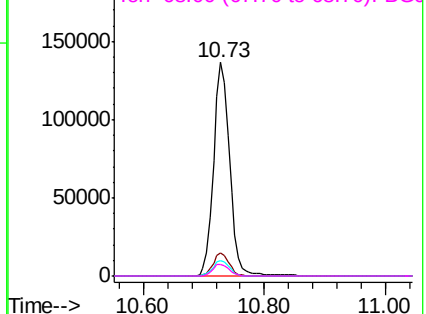
137 10.8 8.8 13.2

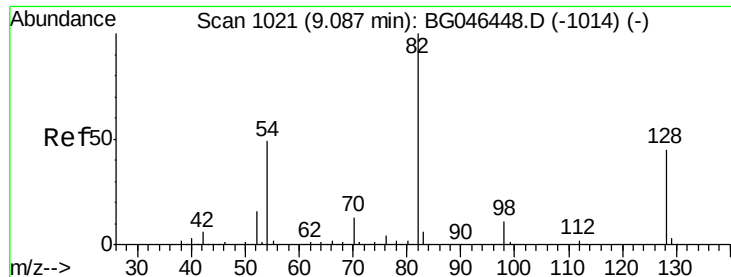
54 7.3 6.1 9.1

68 5.4 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

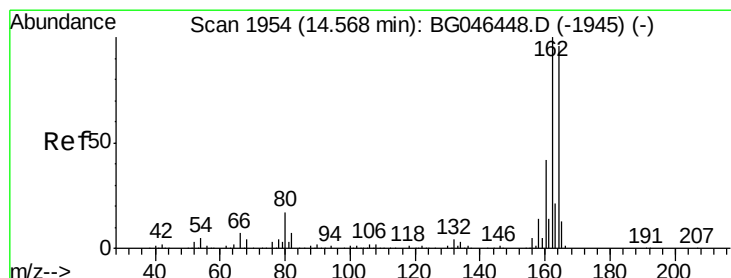
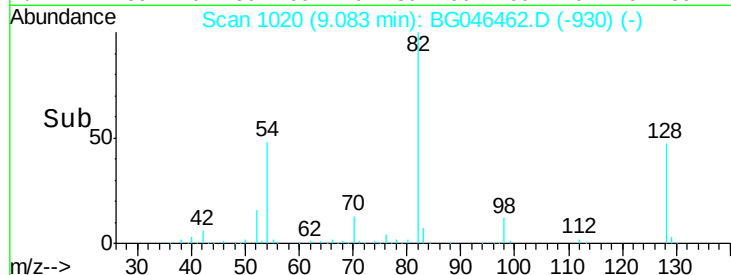
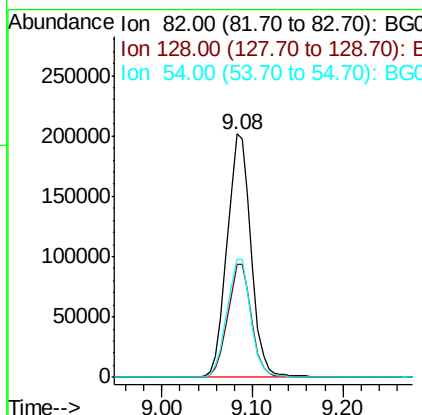
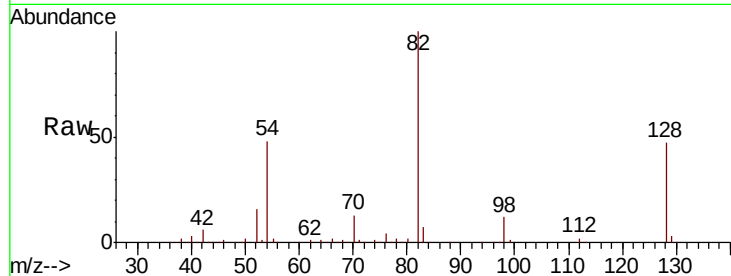




#23
 Nitrobenzene-d5
 Concen: 84.414 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046462.D
 Acq: 26 Aug 2020 20:32

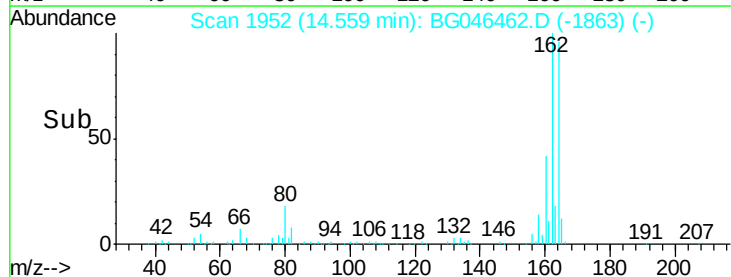
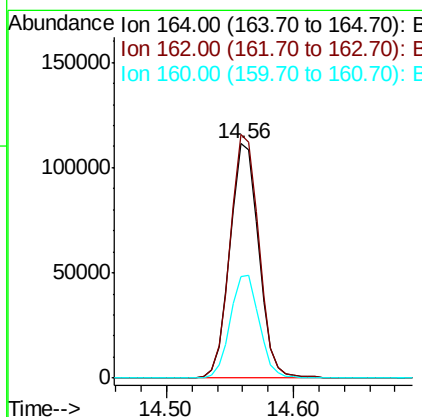
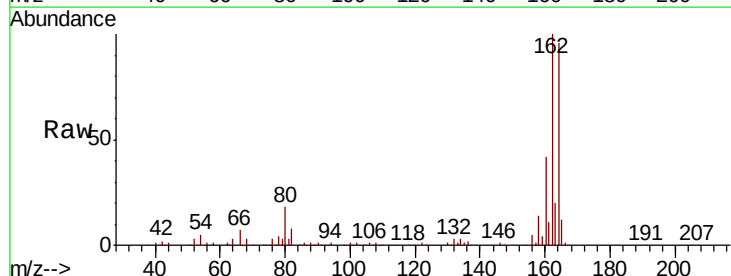
Instrument :
 BNA_G
 ClientSampled :
 RO-11

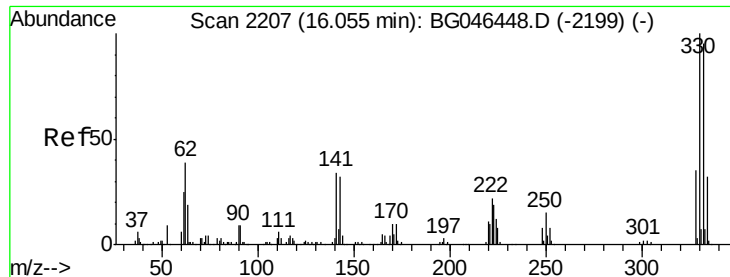
Tot Ion: 82 Resp: 371201
 Ion Ratio Lower Upper
 82 100
 128 46.6 35.7 53.5
 54 48.3 39.4 59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG046462.D
 Acq: 26 Aug 2020 20:32

Tgt Ion:164 Resp: 174674
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.3 124.9
 160 43.5 35.0 52.6

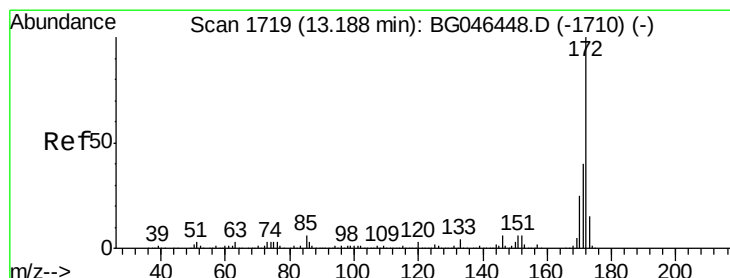
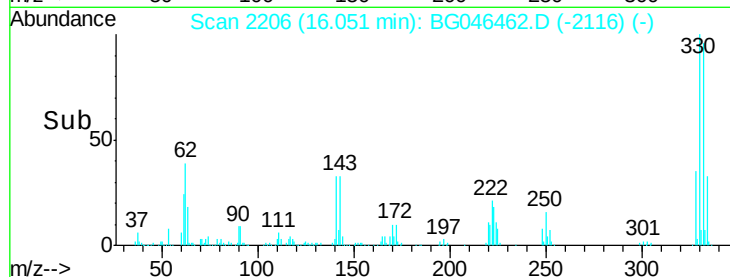
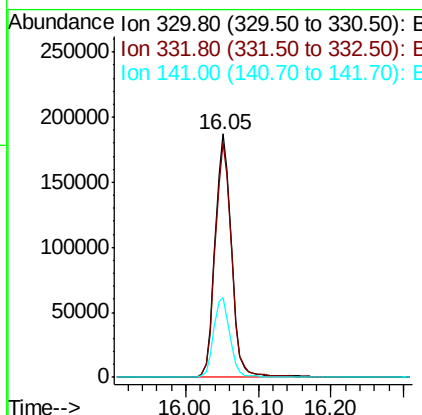
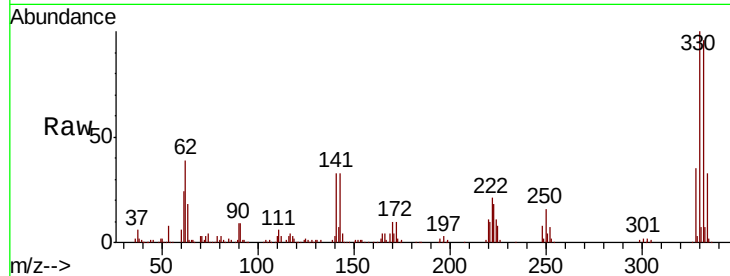




#42
 2,4,6-Tribromophenol
 Concen: 124.755 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG046462.D
 Acq: 26 Aug 2020 20:32

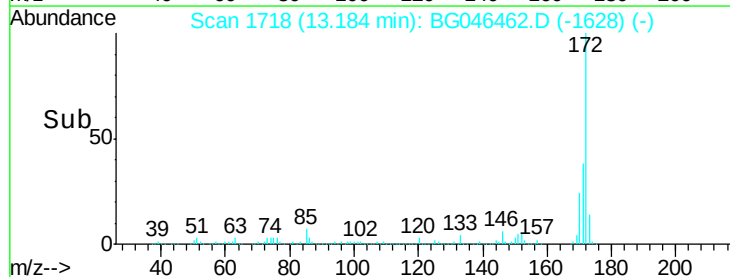
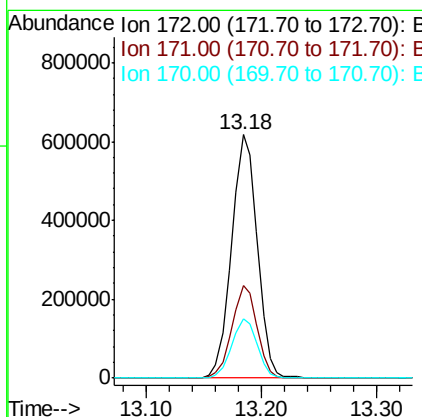
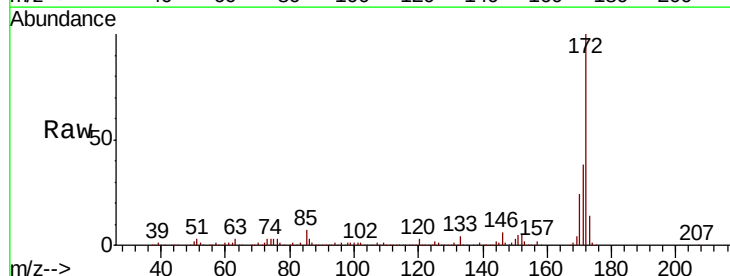
Instrument :
 BNA_G
 ClientSampled :
 RO-11

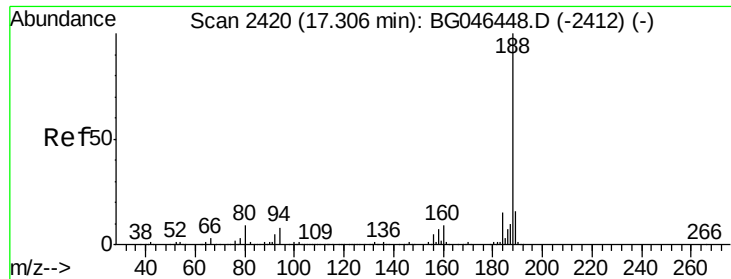
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.1	114.1
141	32.6	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 83.292 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046462.D
 Acq: 26 Aug 2020 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.8	47.6
170	24.3	20.3	30.5

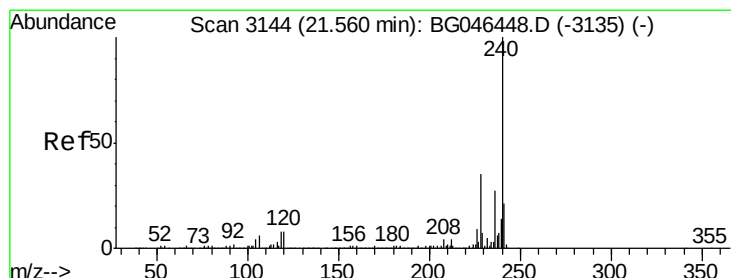
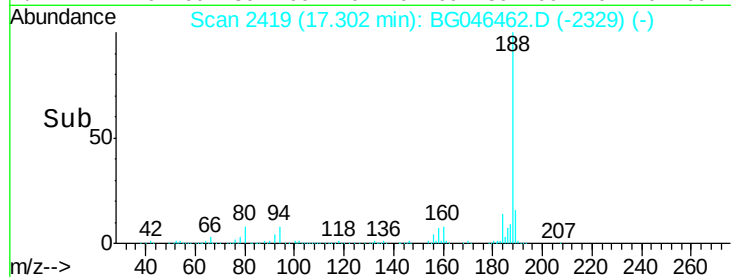
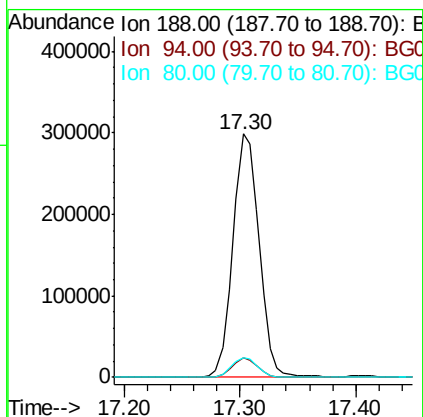
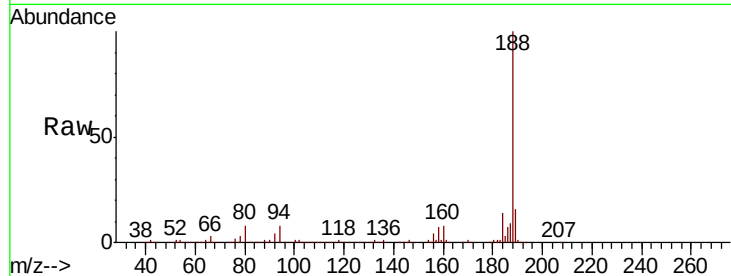




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046462.D
Acq: 26 Aug 2020 20:32

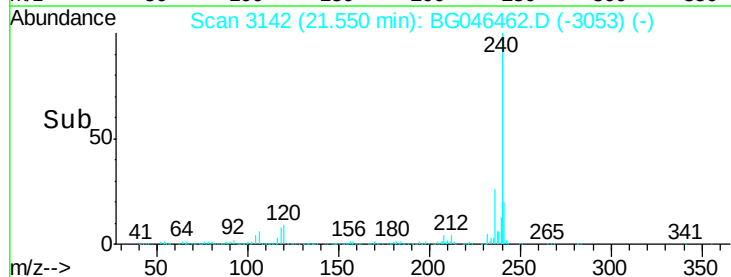
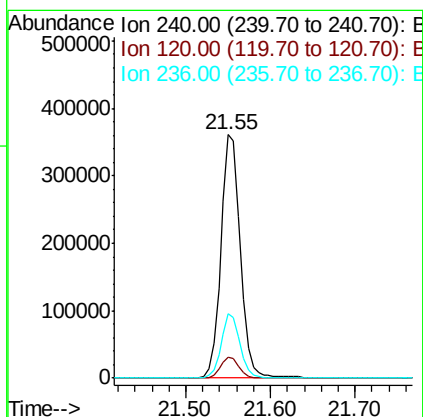
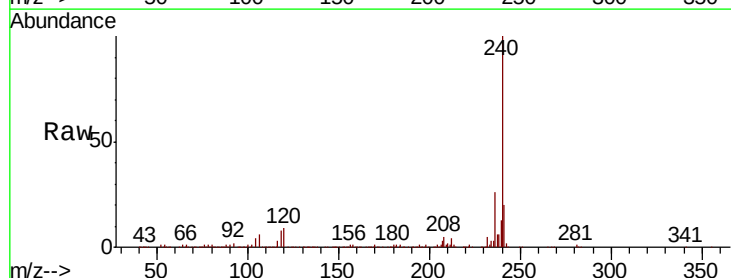
Instrument :
BNA_G
ClientSampleId :
RO-11

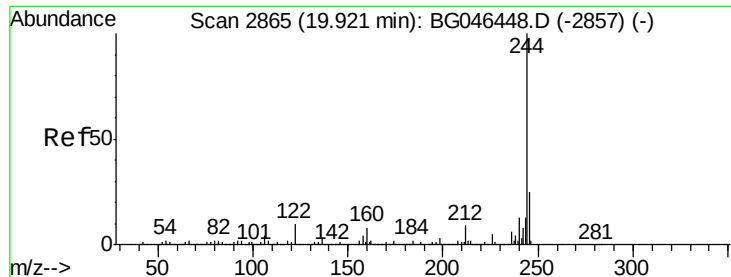
Tot Ion:188 Resp: 469991
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046462.D
Acq: 26 Aug 2020 20:32

Tgt Ion:240 Resp: 575728
Ion Ratio Lower Upper
240 100
120 8.6 6.6 10.0
236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 72.844 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046462.D

Acq: 26 Aug 2020 20:32

Instrument :

BNA_G

ClientSampleId :

RO-11

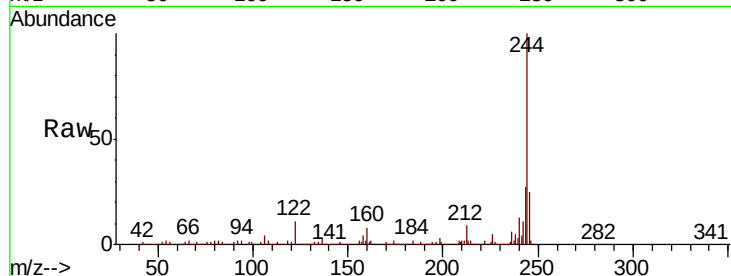
Tot Ion:244 Resp: 1970622

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

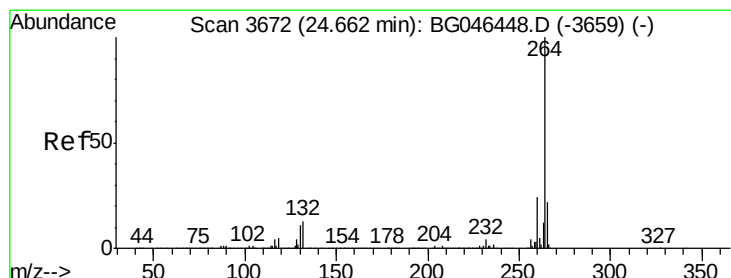
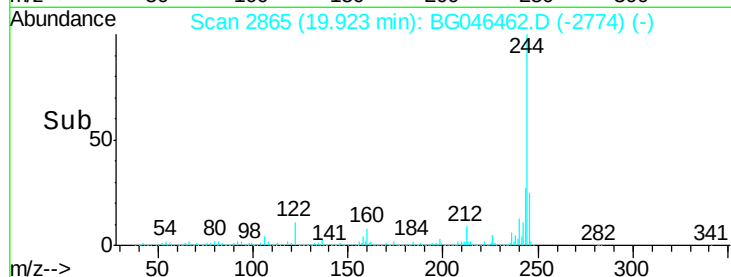
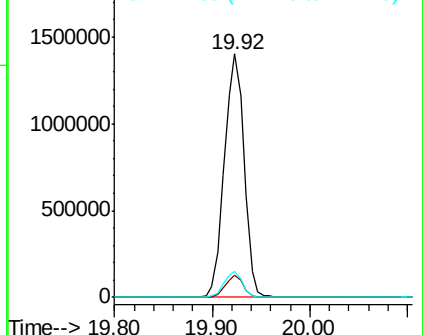
122 10.5 8.2 12.4



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: BG046462.D

Acq: 26 Aug 2020 20:32

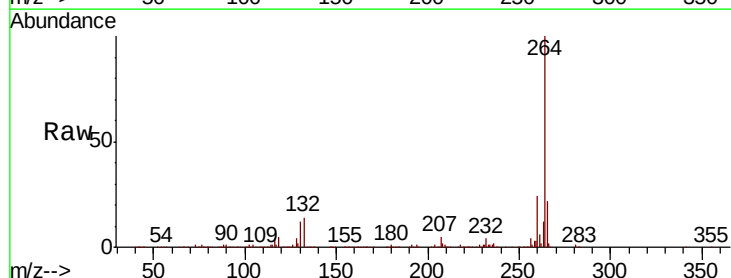
Tgt Ion:264 Resp: 573127

Ion Ratio Lower Upper

264 100

260 24.0 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

