

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046466.D
 Acq On : 26 Aug 2020 23:13
 Operator : CG/JU
 Sample : L3784-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-04

Quant Time: Aug 27 02:00:55 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	60644	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	247132	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	165598	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	444093	20.00	ng	0.00
76) Chrysene-d12	21.55	240	554153	20.00	ng	0.00
86) Perylene-d12	24.66	264	558549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	403714	117.91	ng	0.00
7) Phenol-d6	7.10	99	472536	97.35	ng	0.00
23) Nitrobenzene-d5	9.09	82	377575	87.32	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	276767	123.35	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	942701	86.90	ng	0.00
79) Terphenyl-d14	19.92	244	1894796	72.77	ng	0.00

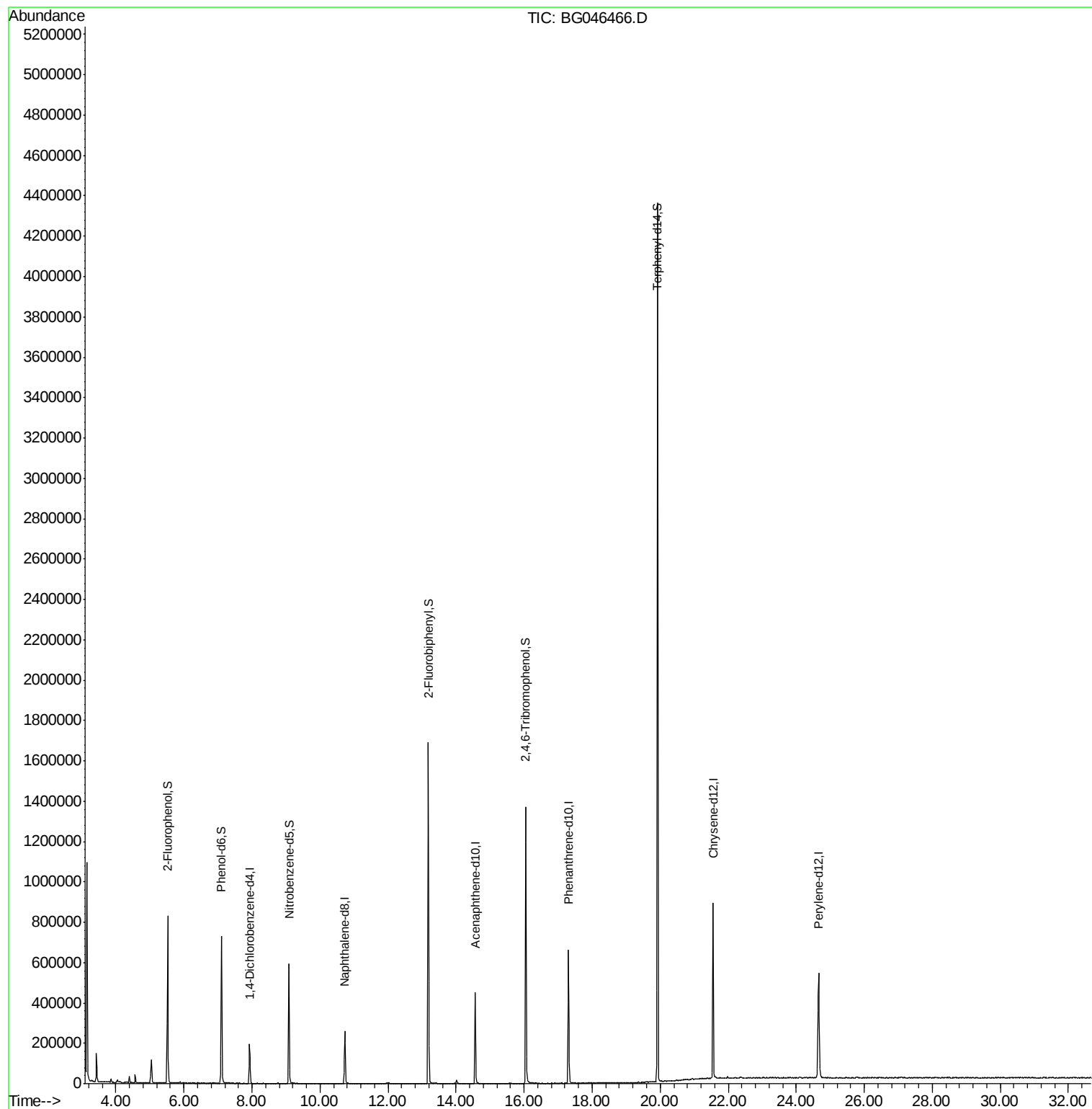
Target Compounds Qvalue

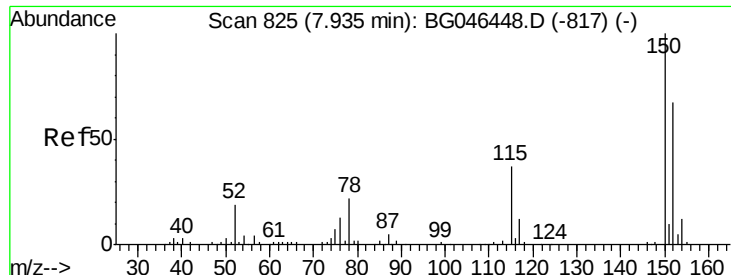
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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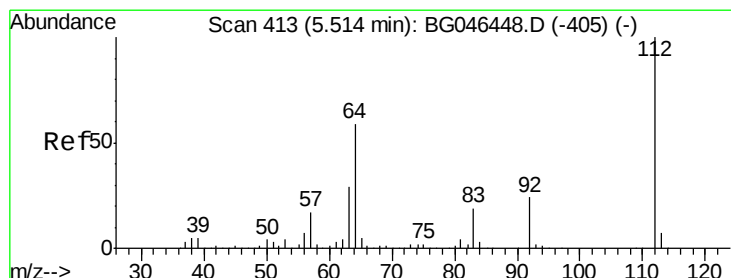
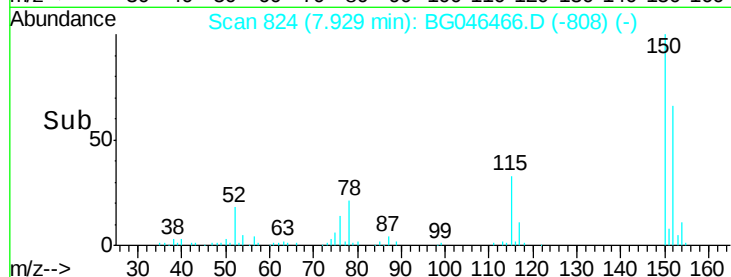
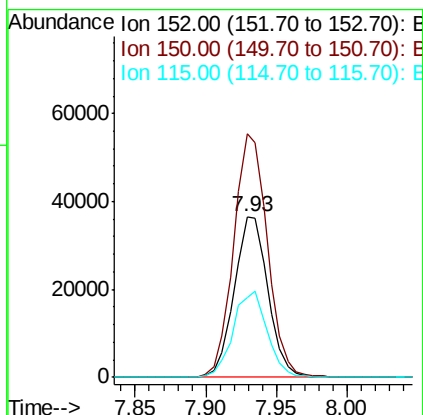
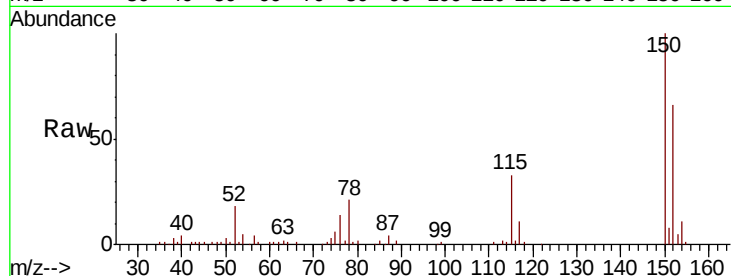


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046466.D
Acq: 26 Aug 2020 23:13

Instrument :
BNA_G
ClientSampleId :
RO-04

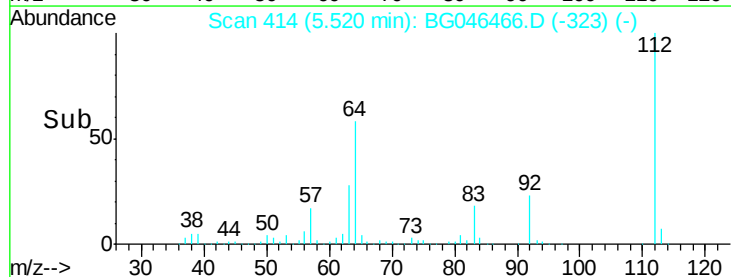
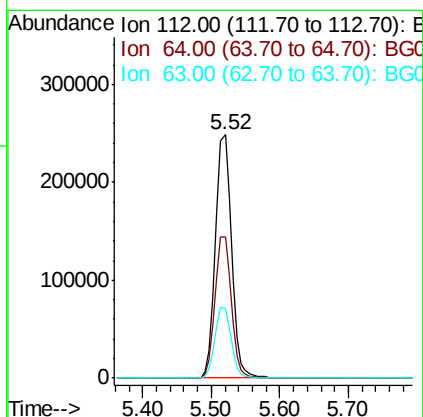
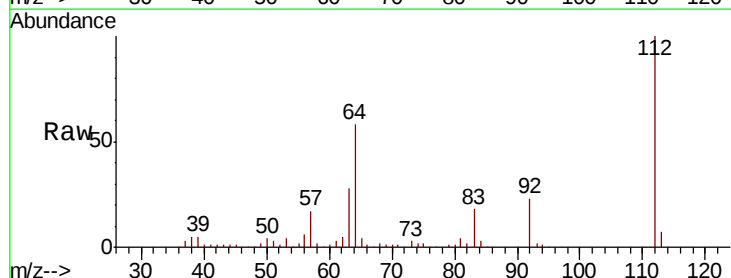
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	119.5	179.3
115	49.9	44.3	66.5



#5

2-Fluorophenol
Concen: 117.910 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG046466.D
Acq: 26 Aug 2020 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.0	70.6
63	28.4	23.5	35.3





#7

Phenol-d6

Concen: 97.354 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046466.D

Acq: 26 Aug 2020 23:13

Instrument :

BNA_G

ClientSampleId :

RO-04

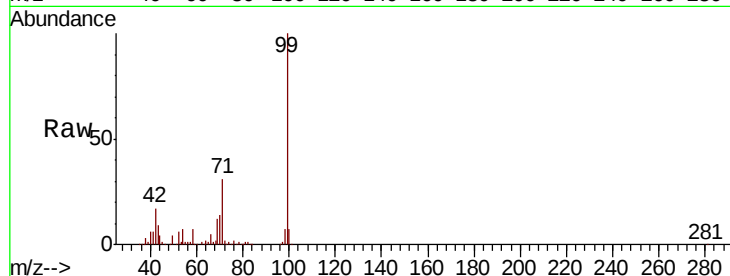
Tot Ion: 99 Resp: 472536

Ion Ratio Lower Upper

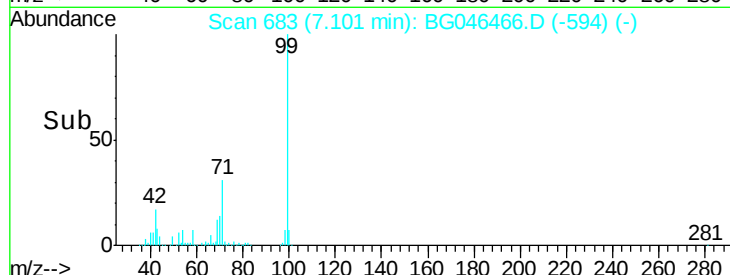
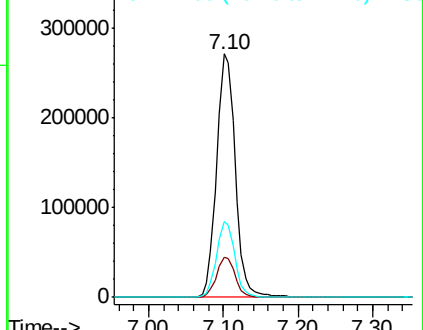
99 100

42 16.6 13.3 19.9

71 31.1 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# 1301

Delta R.T. 0.00 min

Lab File: BG046466.D

Acq: 26 Aug 2020 23:13

Tgt Ion: 136 Resp: 247132

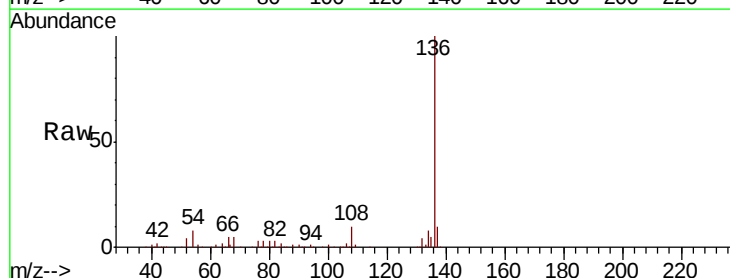
Ion Ratio Lower Upper

136 100

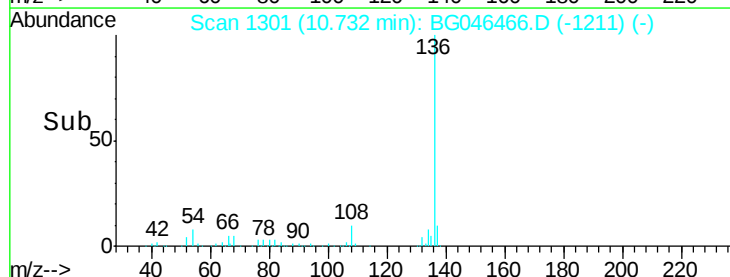
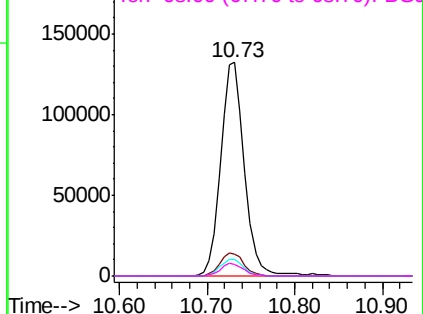
137 10.3 8.8 13.2

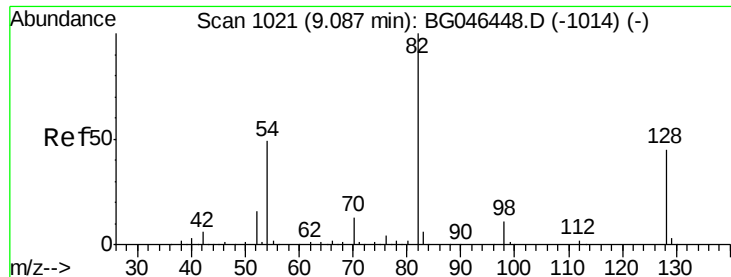
54 7.6 6.1 9.1

68 5.5 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

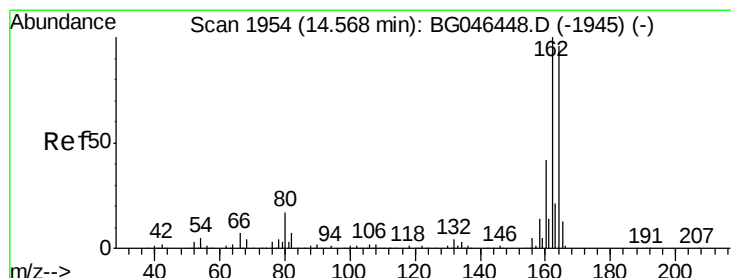
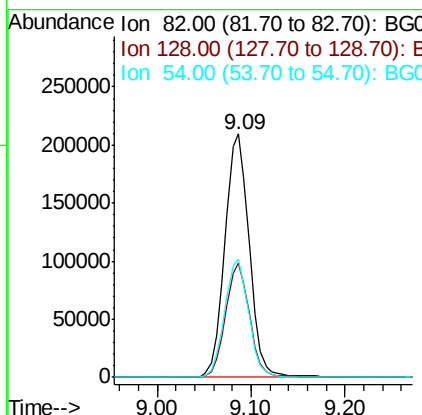
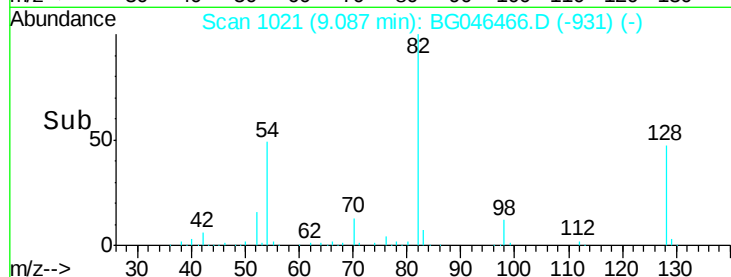
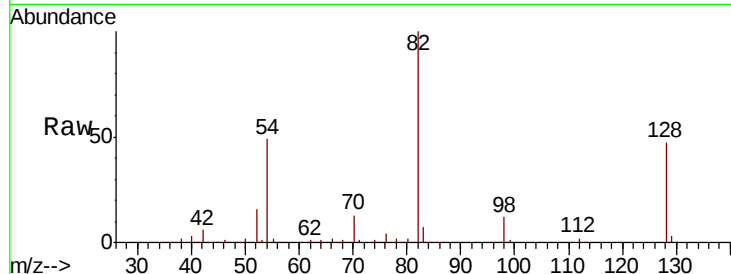




#23
 Nitrobenzene-d5
 Concen: 87.323 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046466.D
 Acq: 26 Aug 2020 23:13

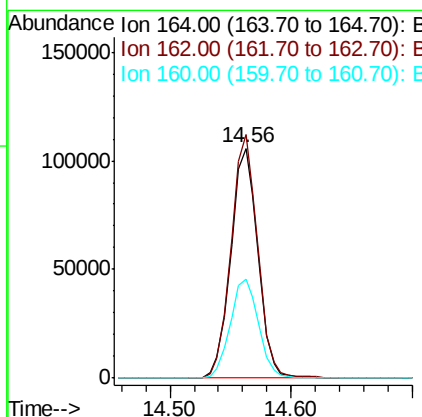
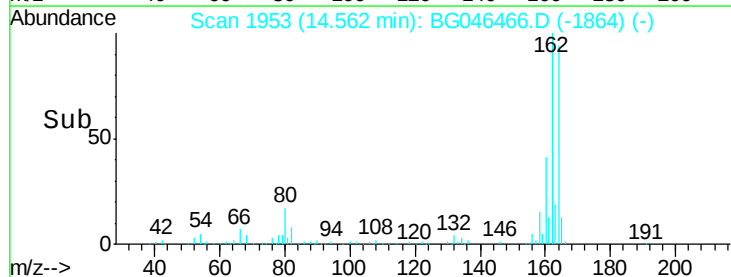
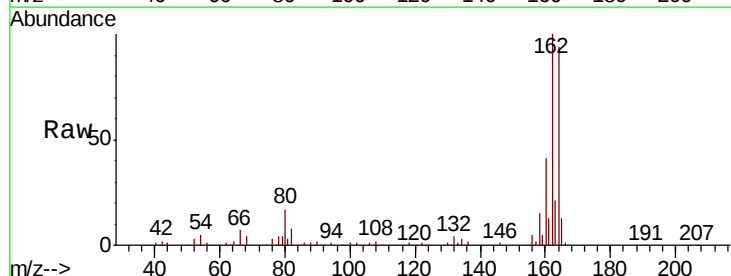
Instrument :
 BNA_G
 ClientSampled :
 RO-04

Tot Ion	82	Resp	377575
Ion Ratio	100	Lower	Upper
128	47.2	35.7	53.5
54	48.8	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG046466.D
 Acq: 26 Aug 2020 23:13

Tgt Ion	164	Resp	165598
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	106.0	83.3	124.9
160	43.0	35.0	52.6

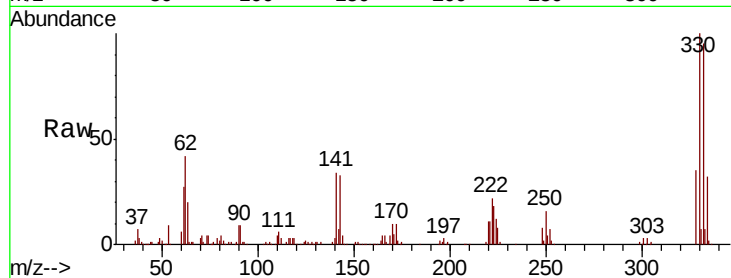




#42
 2,4,6-Tribromophenol
 Concen: 123.351 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG046466.D
 Acq: 26 Aug 2020 23:13

Instrument :
 BNA_G
 ClientSampled :
 RO-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.1	114.1
141	33.8	26.1	39.1

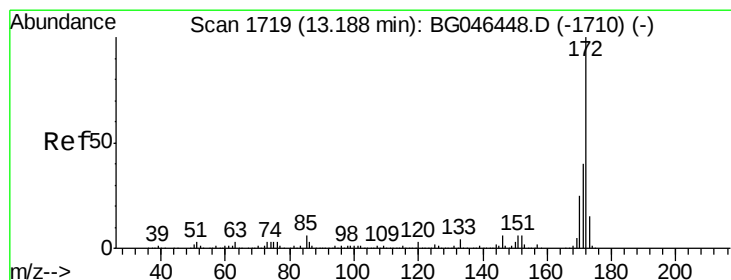
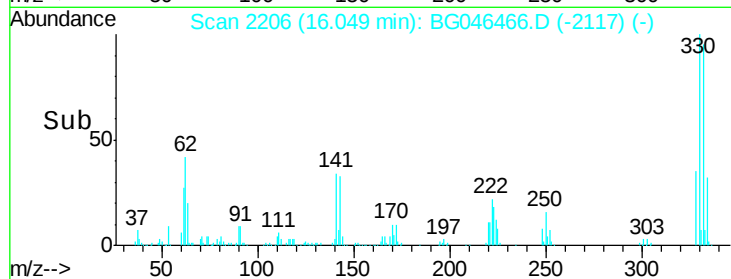
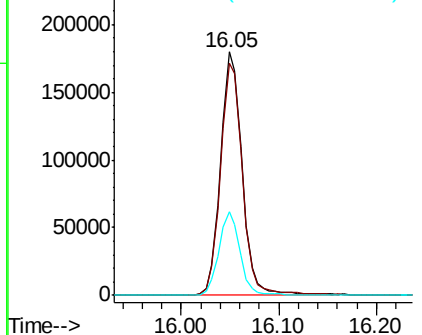


Abundance

Ion 329.80 (329.50 to 330.50): E

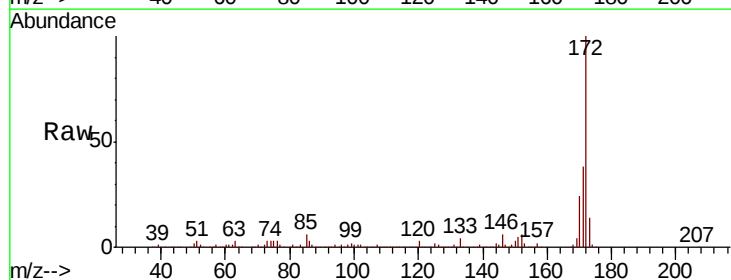
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.903 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046466.D
 Acq: 26 Aug 2020 23:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.8	47.6
170	24.3	20.3	30.5

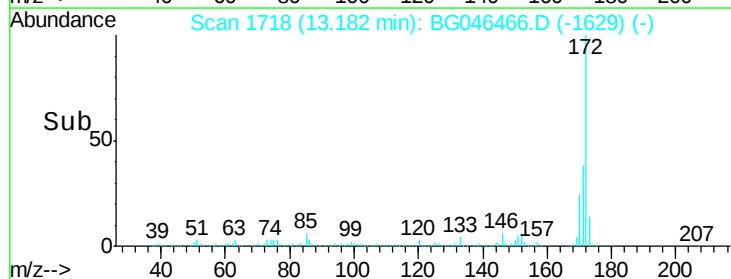
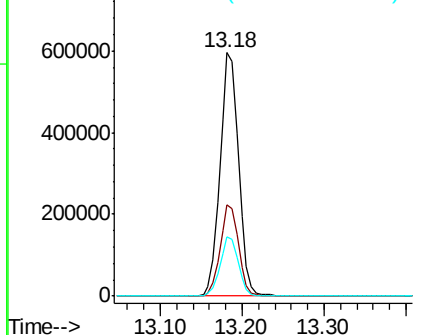


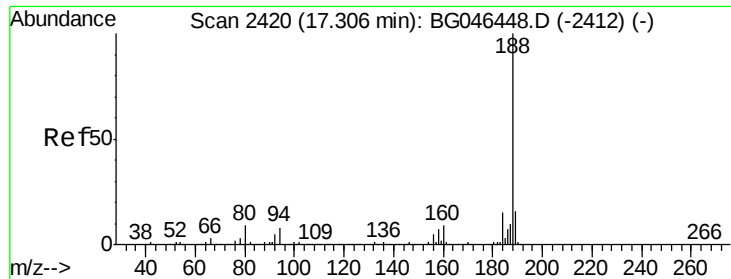
Abundance

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

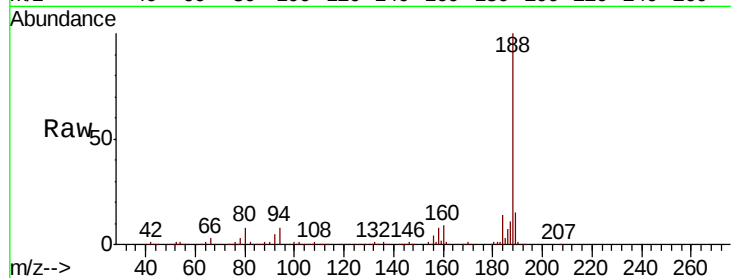




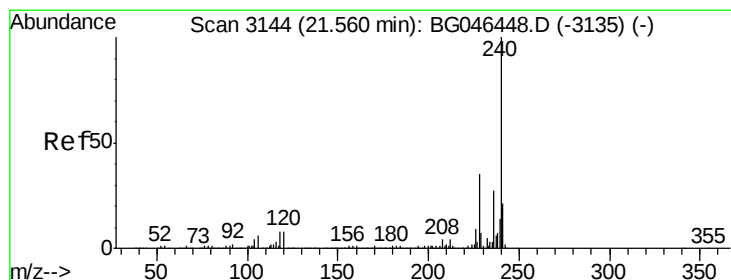
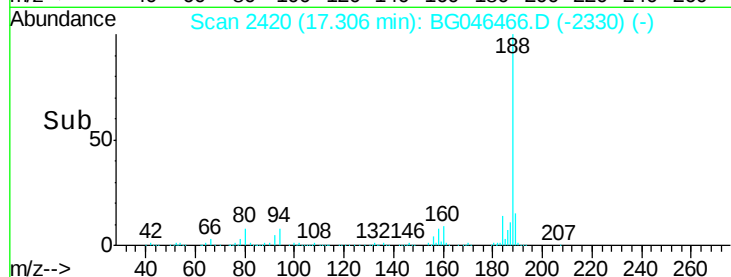
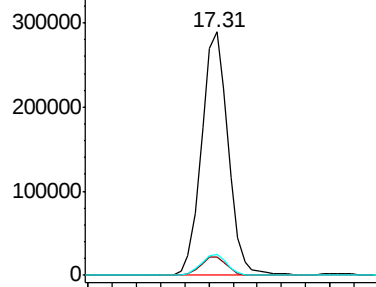
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046466.D
Acq: 26 Aug 2020 23:13

Instrument :
BNA_G
ClientSampleId :
RO-04

Tot Ion:188 Resp: 444093
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 8.4 6.9 10.3

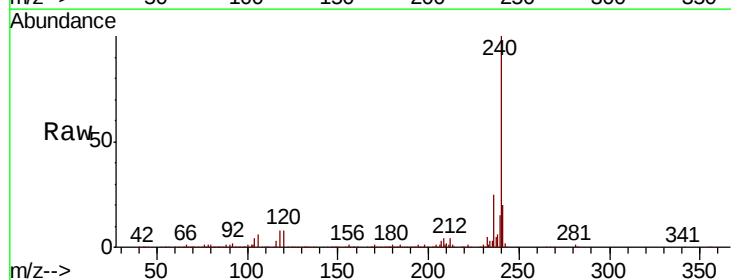


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

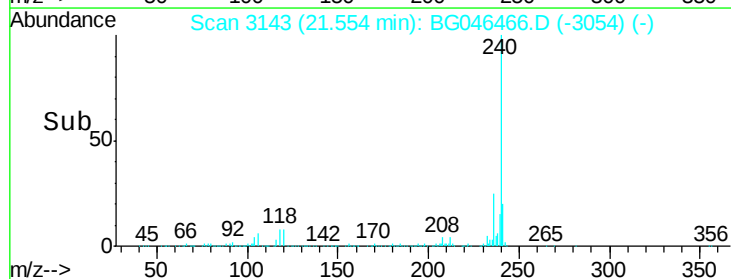
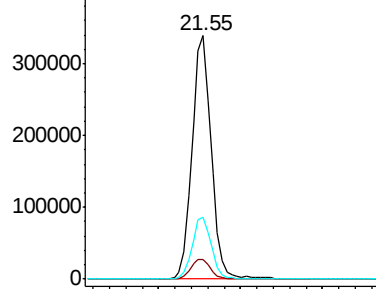


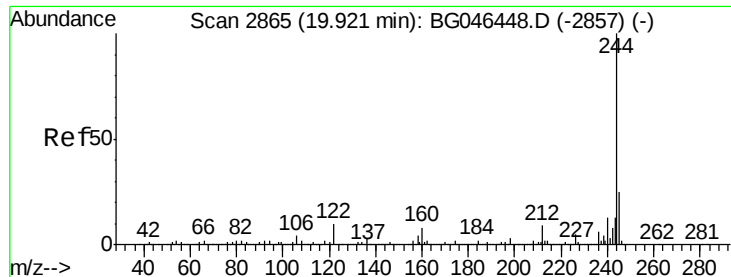
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG046466.D
Acq: 26 Aug 2020 23:13

Tgt Ion:240 Resp: 554153
Ion Ratio Lower Upper
240 100
120 7.8 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: 72.768 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046466.D

Acq: 26 Aug 2020 23:13

Instrument :

BNA_G

ClientSampleId :

RO-04

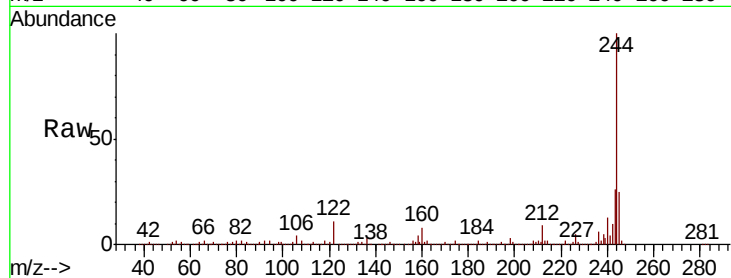
Tot Ion:244 Resp: 1894796

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

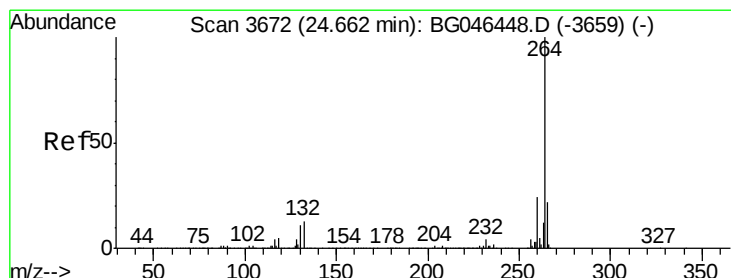
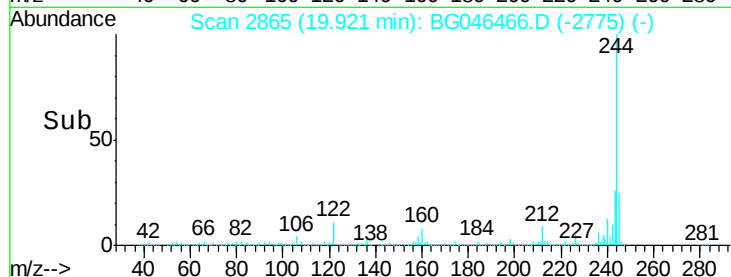
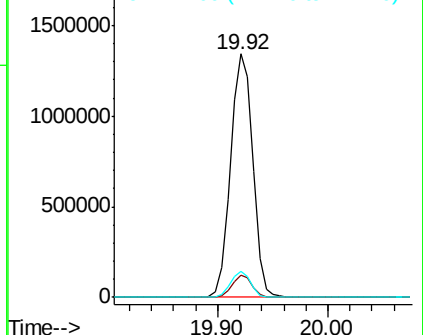
122 10.7 8.2 12.4



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: 24.66 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG046466.D

Acq: 26 Aug 2020 23:13

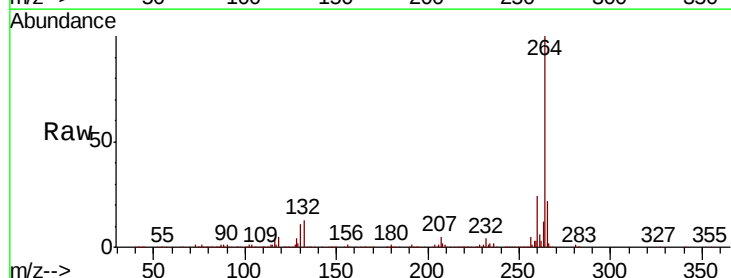
Tgt Ion:264 Resp: 558549

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

