

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071320\
 Data File : BG046018.D
 Acq On : 13 Jul 2020 10:50
 Operator : CG/JU
 Sample : L3203-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-20

Quant Time: Jul 13 11:35:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	151581	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	604430	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	367995	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	801366	20.00	ng	0.00
76) Chrysene-d12	21.62	240	792433	20.00	ng	0.00
86) Perylene-d12	24.78	264	741230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1214972	129.98	ng	0.00
7) Phenol-d6	7.17	99	1541086	114.52	ng	0.00
23) Nitrobenzene-d5	9.16	82	1253449	119.36	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	580032	169.83	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2449200	103.81	ng	0.00
79) Terphenyl-d14	19.98	244	3418019	95.99	ng	0.00

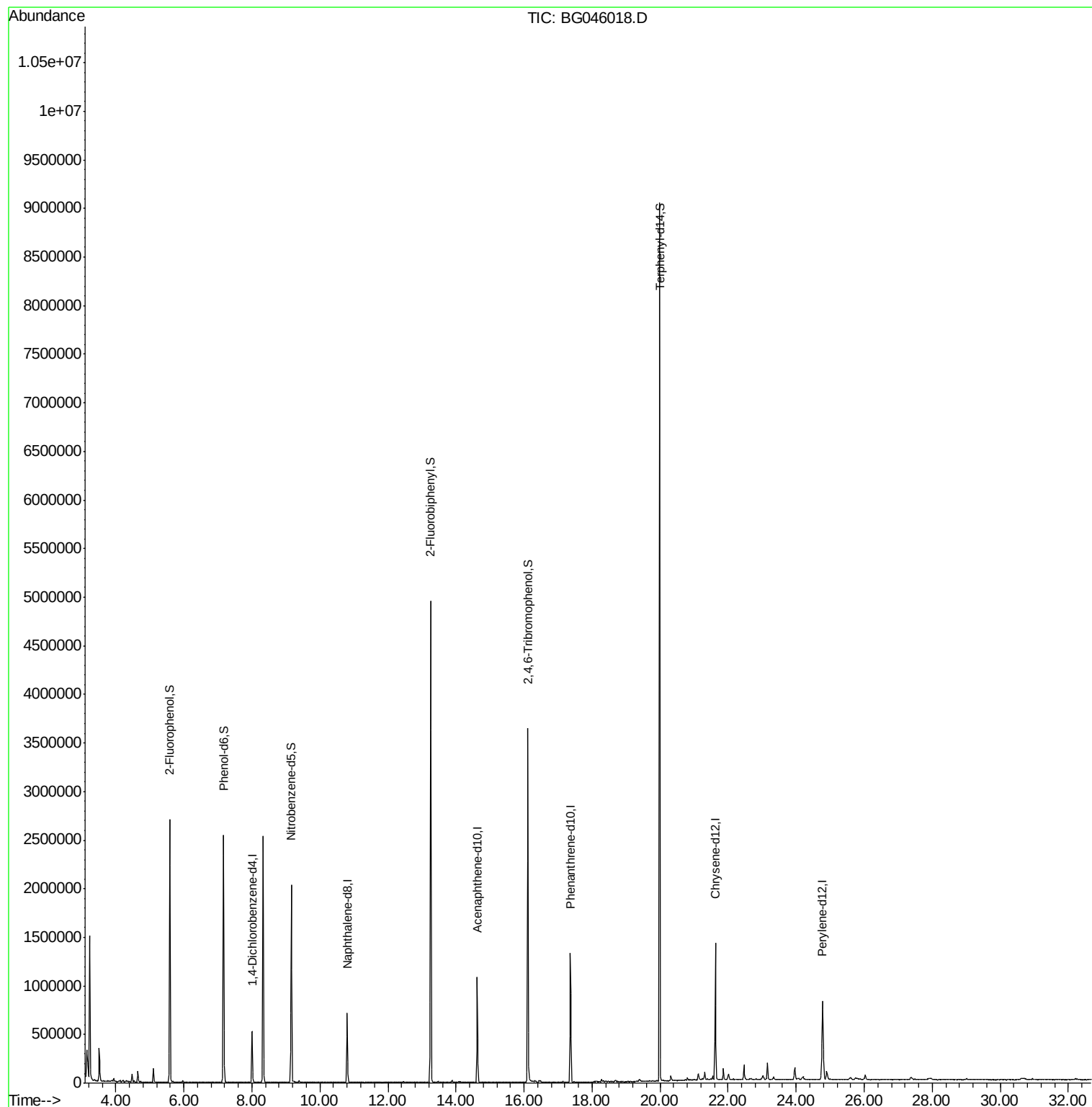
Target Compounds Qvalue

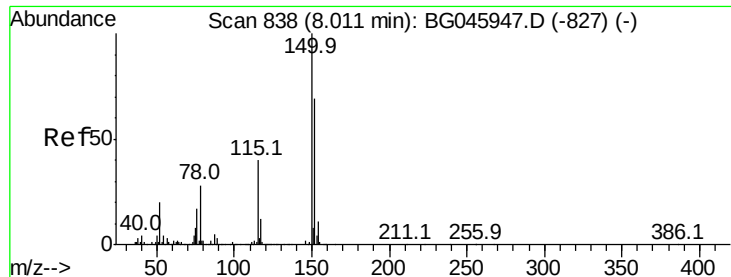
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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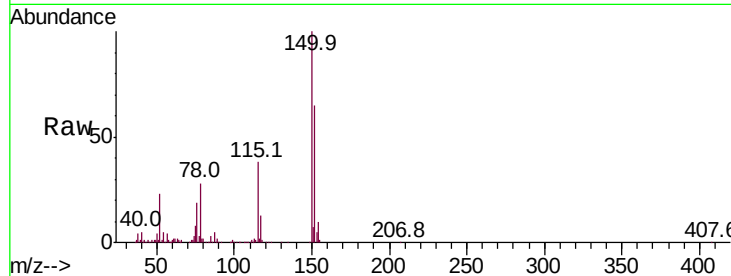


#1

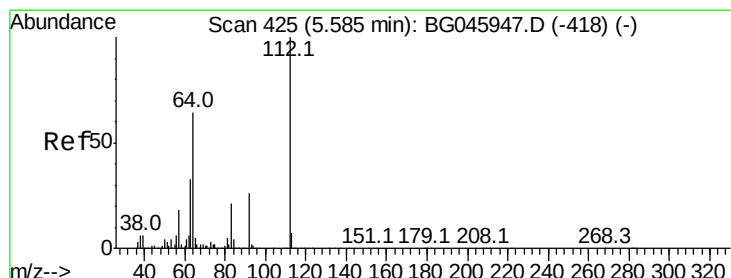
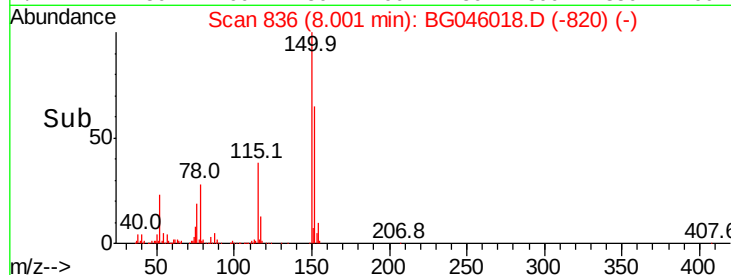
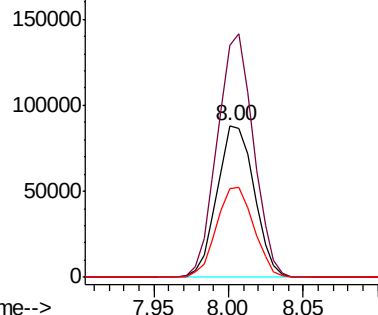
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG046018.D
Acq: 13 Jul 2020 10:50

Instrument :
BNA_G
ClientSampleId :
RO-20

Tot Ion:152 Resp: 151581
Ion Ratio Lower Upper
152 100
150 152.9 116.7 175.1
115 58.2 47.4 71.0



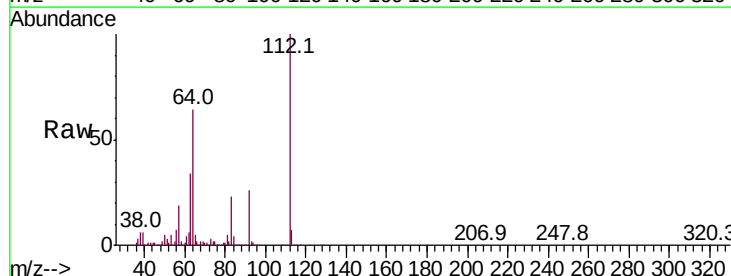
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



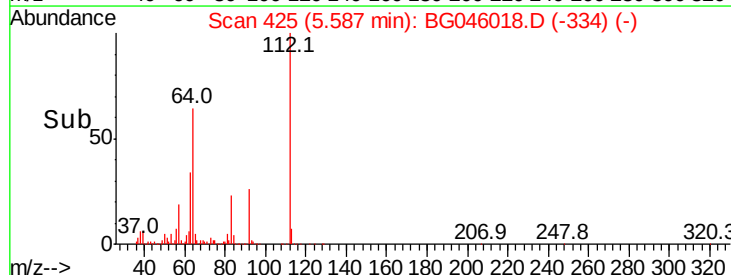
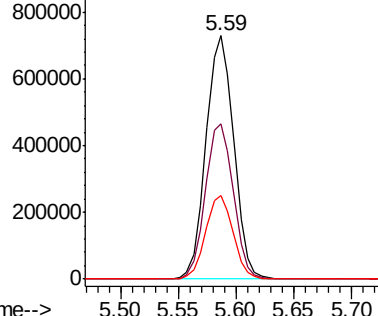
#5

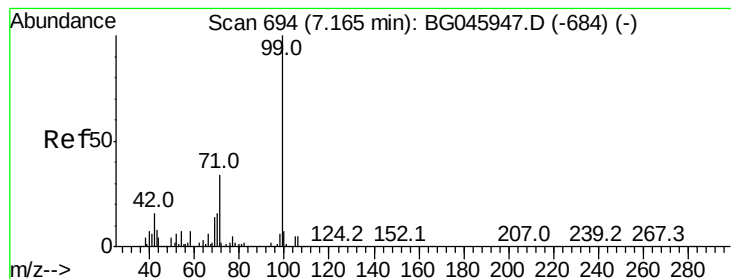
2-Fluorophenol
Concen: 129.982 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG046018.D
Acq: 13 Jul 2020 10:50

Tgt Ion:112 Resp: 1214972
Ion Ratio Lower Upper
112 100
64 63.7 51.4 77.2
63 34.3 26.6 40.0



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: 114.517 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG046018.D

Acq: 13 Jul 2020 10:50

Instrument :

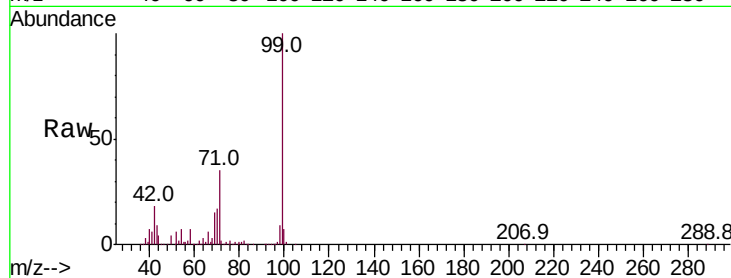
BNA_G

ClientSampleId :

RO-20

Tot Ion: 99 Resp: 1541086

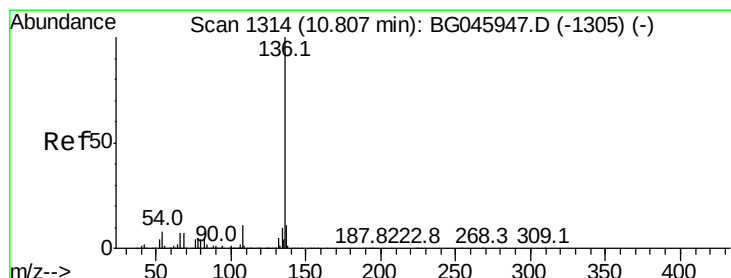
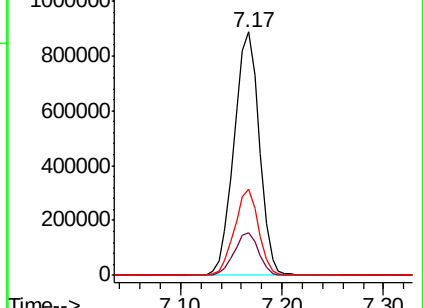
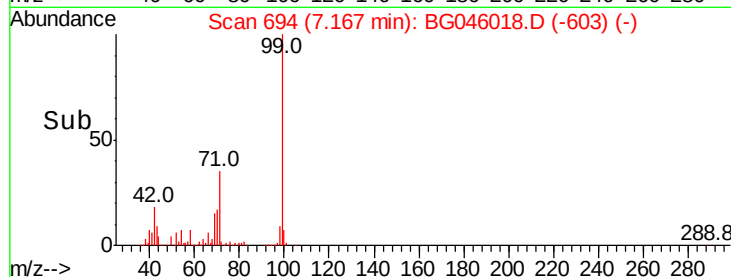
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.0	19.4
71	35.2	27.5	41.3



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: 10.80 min Scan# 1313

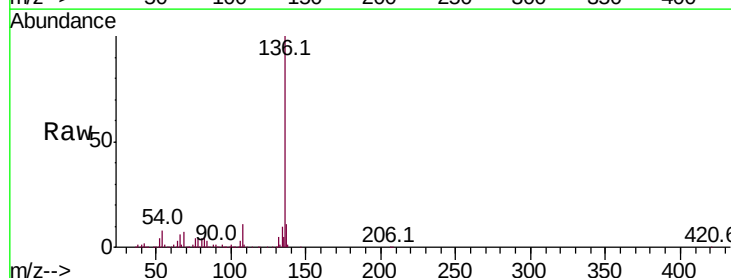
Delta R.T. 0.00 min

Lab File: BG046018.D

Acq: 13 Jul 2020 10:50

Tgt Ion: 136 Resp: 604430

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.9	6.2	9.4
68	7.3	5.8	8.8

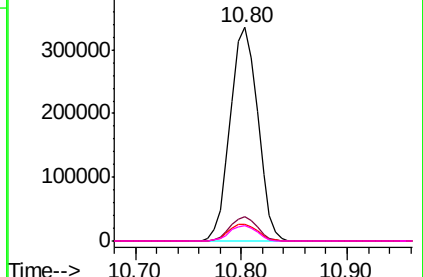
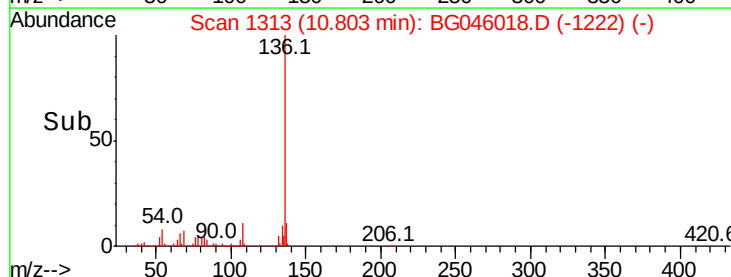


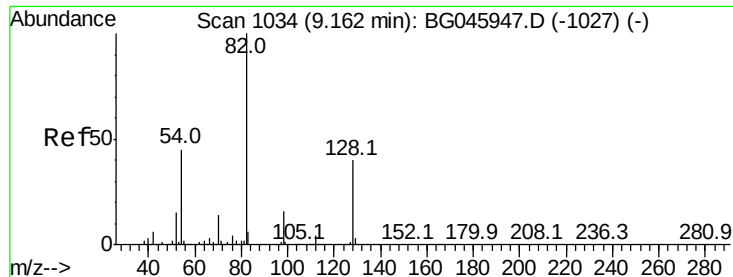
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

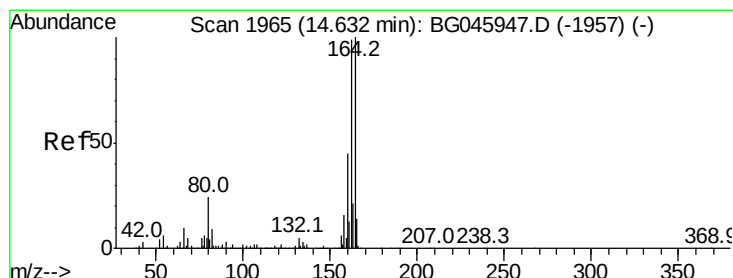
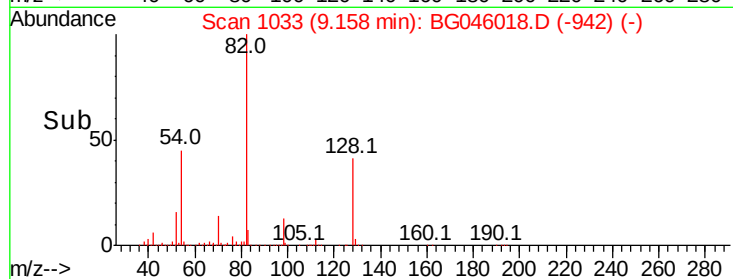
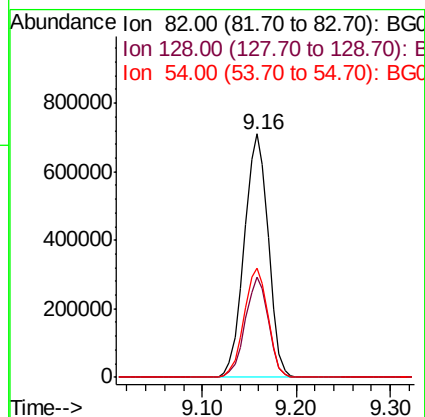
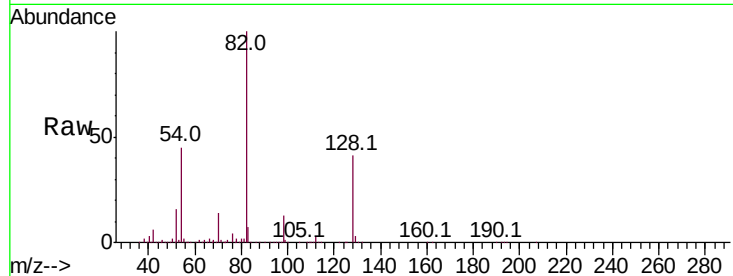




#23
Nitrobenzene-d5
Concen: 119.362 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG046018.D
Acq: 13 Jul 2020 10:50

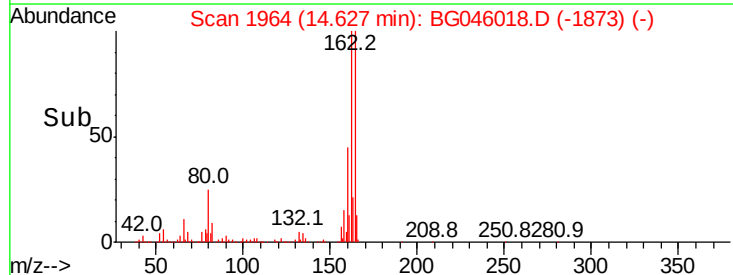
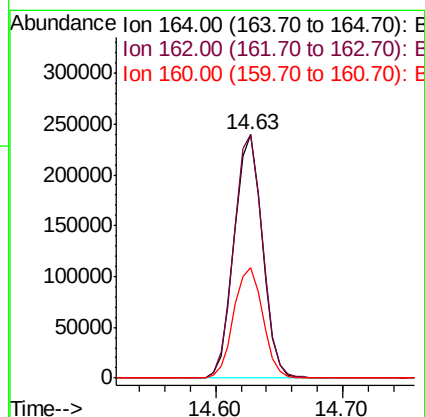
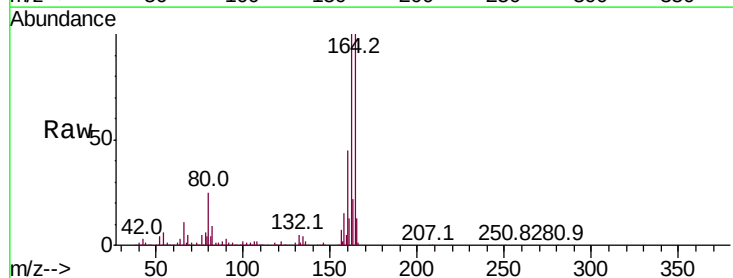
Instrument :
BNA_G
ClientSampleId :
RO-20

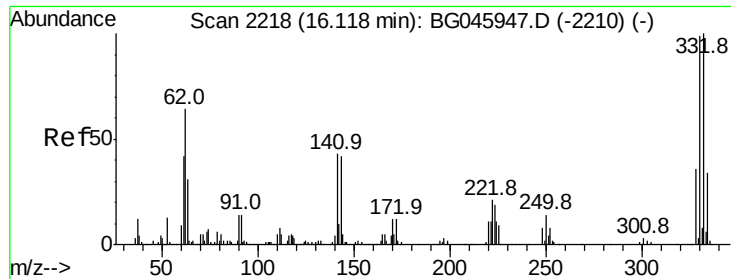
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.2	48.4
54	44.7	35.8	53.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046018.D
Acq: 13 Jul 2020 10:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.3	118.9
160	45.3	35.7	53.5

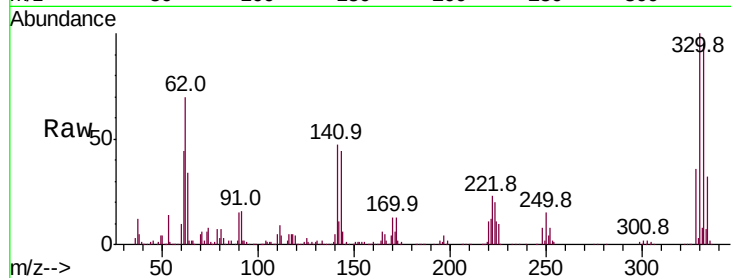




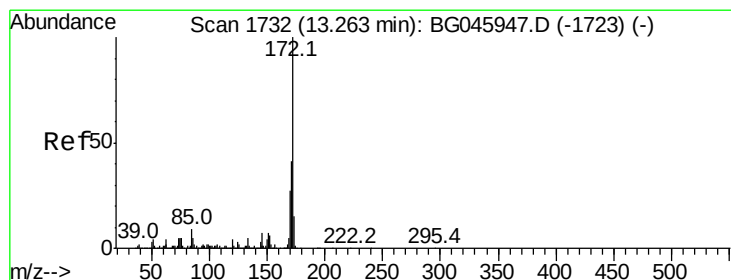
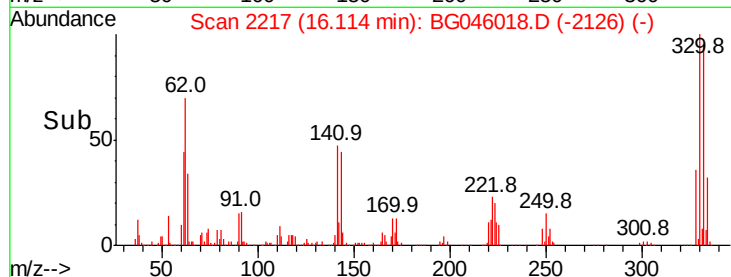
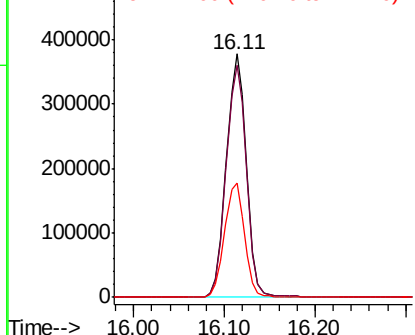
#42
2,4,6-Tribromophenol
Concen: 169.830 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG046018.D
Acq: 13 Jul 2020 10:50

Instrument :
BNA_G
ClientSampled :
RO-20

Tot Ion:330 Resp: 580032
Ion Ratio Lower Upper
330 100
332 96.4 78.3 117.5
141 47.1 36.6 54.8

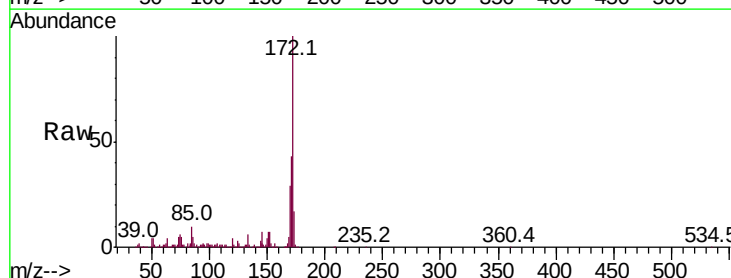


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

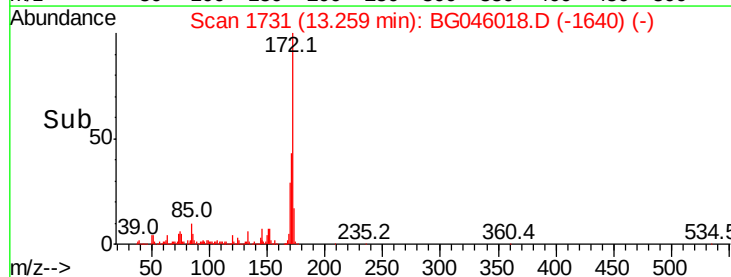
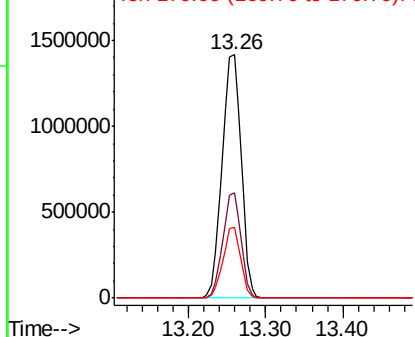


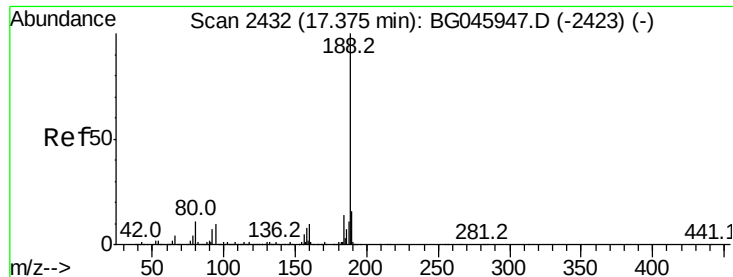
#45
2-Fluorobiphenyl
Concen: 103.815 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG046018.D
Acq: 13 Jul 2020 10:50

Tgt Ion:172 Resp: 2449200
Ion Ratio Lower Upper
172 100
171 43.5 32.9 49.3
170 29.0 21.8 32.6



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: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG046018.D

Acq: 13 Jul 2020 10:50

Instrument :

BNA_G

ClientSampleId :

RO-20

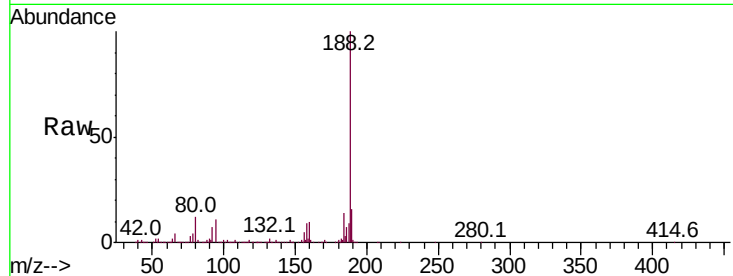
Tot Ion:188 Resp: 801366

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.4

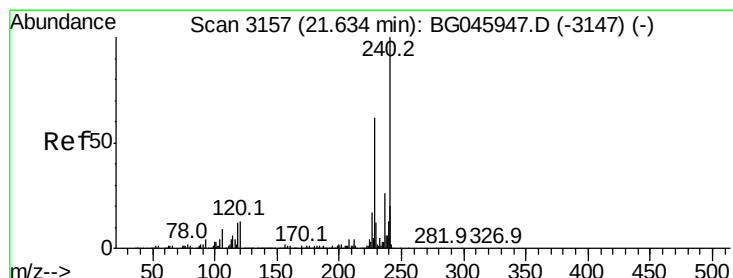
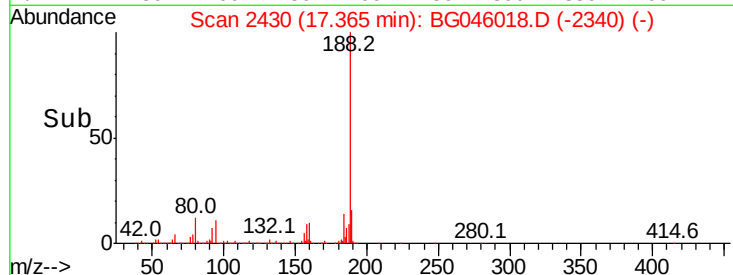
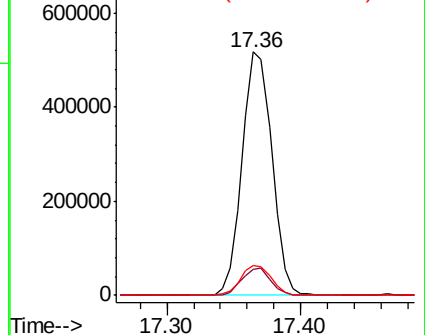
80 12.3 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG046018.D

Acq: 13 Jul 2020 10:50

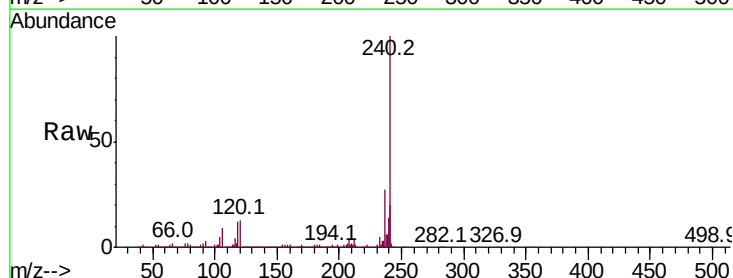
Tgt Ion:240 Resp: 792433

Ion Ratio Lower Upper

240 100

120 12.7 10.6 16.0

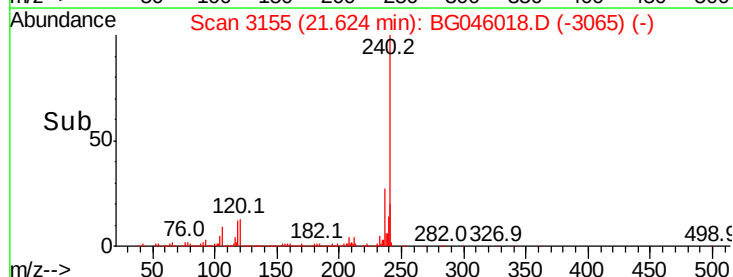
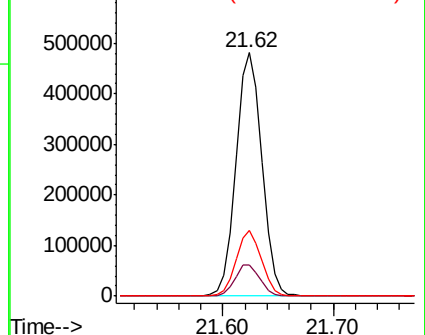
236 27.2 20.4 30.6

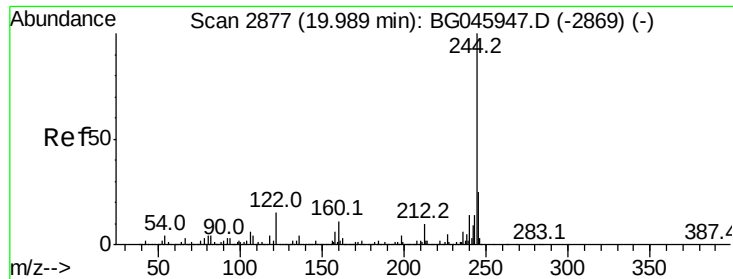


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.994 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG046018.D

Acq: 13 Jul 2020 10:50

Instrument :

BNA_G

ClientSampled :

RO-20

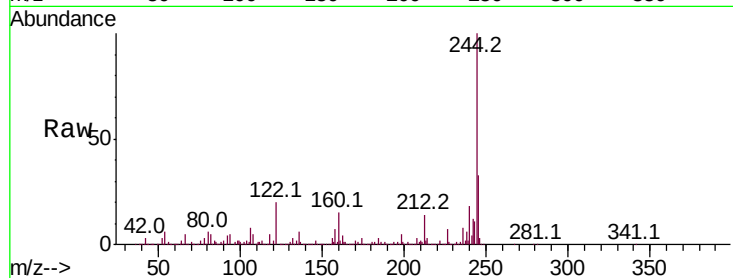
Tot Ion:244 Resp: 3418019

Ion Ratio Lower Upper

244 100

212 13.5 8.3 12.5#

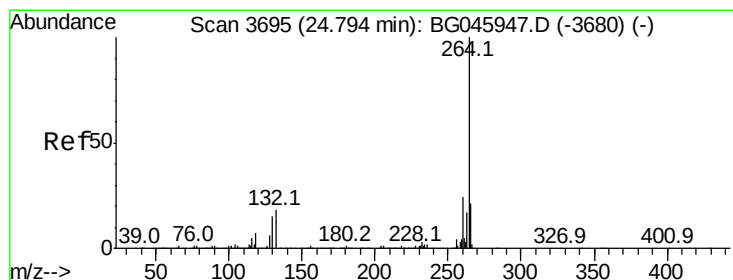
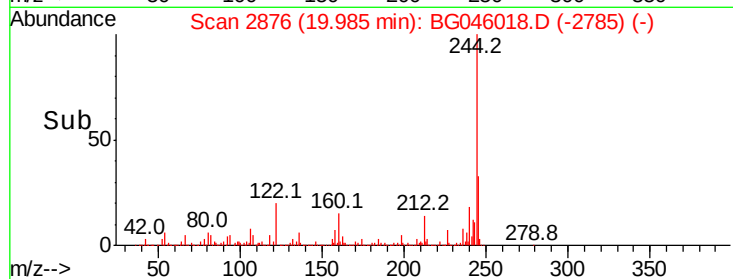
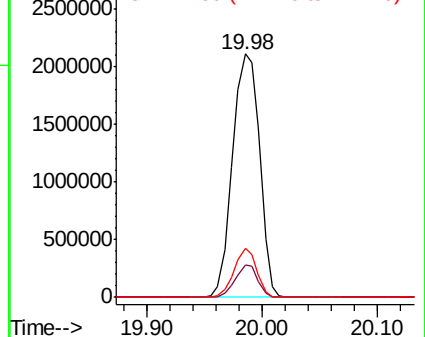
122 20.1 12.1 18.1#



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: 24.78 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BG046018.D

Acq: 13 Jul 2020 10:50

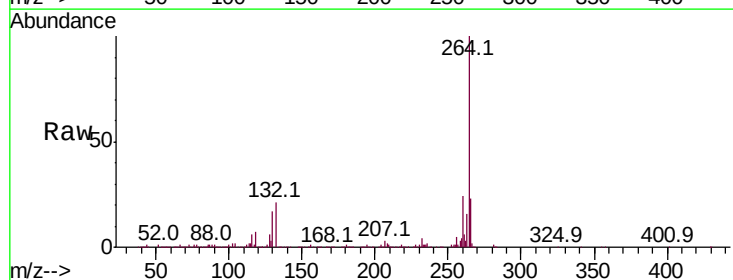
Tgt Ion:264 Resp: 741230

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 23.4 16.9 25.3



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

