

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046013.D
 Acq On : 10 Jul 2020 19:11
 Operator : CG/JU
 Sample : L3203-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-24

Quant Time: Jul 11 04:15:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	137900	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	590897	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	388694	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	870214	20.00	ng	0.00
76) Chrysene-d12	21.63	240	764409	20.00	ng	0.00
86) Perylene-d12	24.78	264	755262	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	983856	115.70	ng	0.00
7) Phenol-d6	7.17	99	1299815	106.17	ng	0.00
23) Nitrobenzene-d5	9.16	82	1065189	103.76	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	525556	145.68	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1985749	79.69	ng	0.00
79) Terphenyl-d14	19.99	244	2834231	82.52	ng	0.00

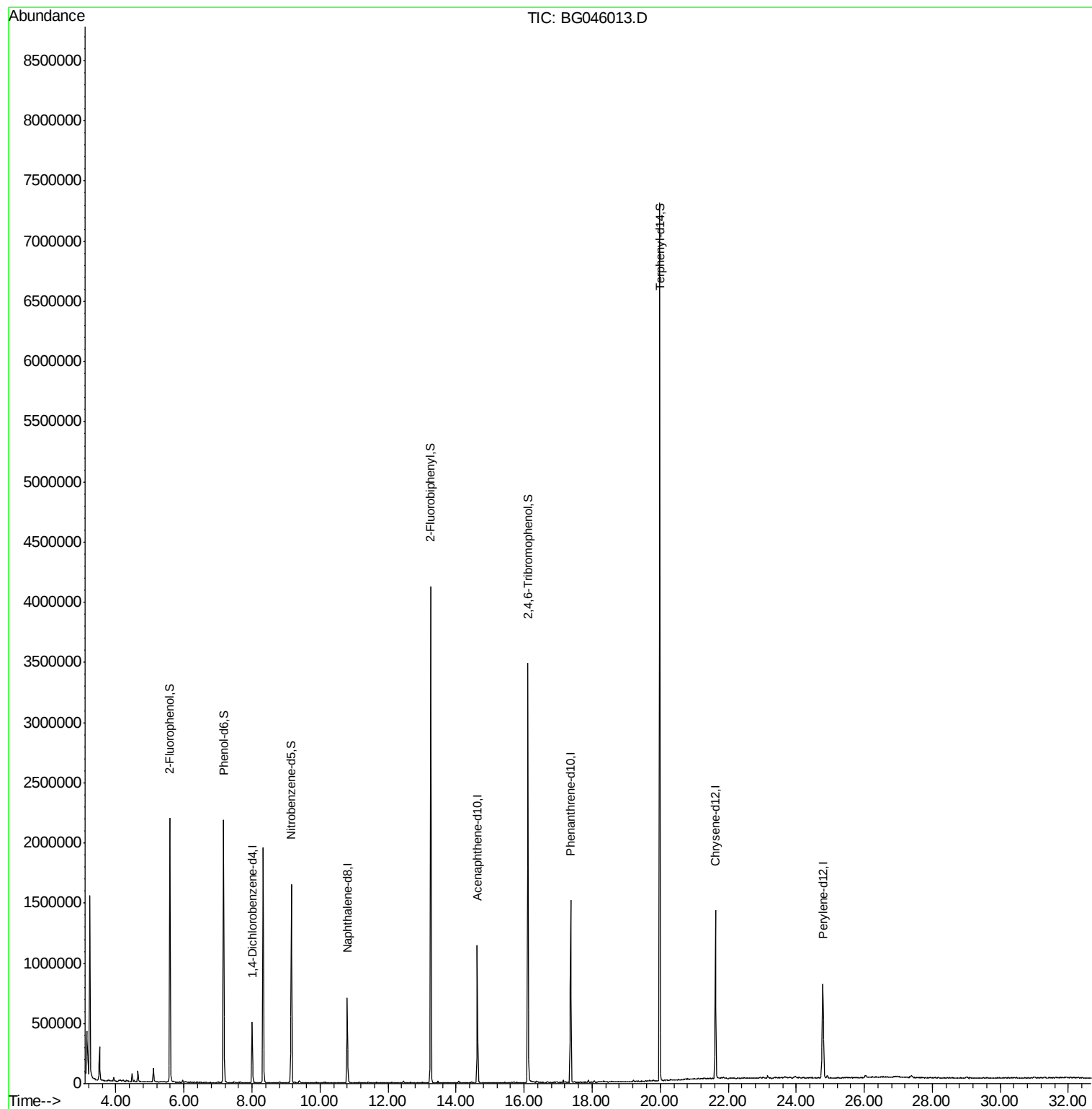
Target Compounds Qvalue

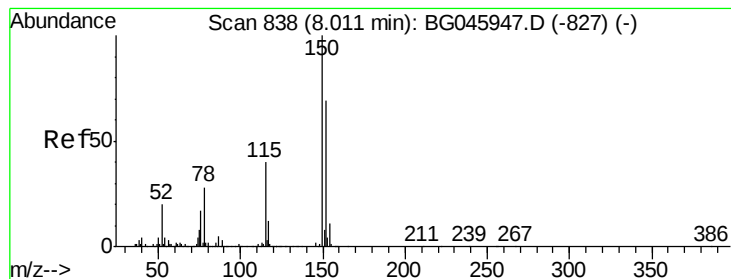
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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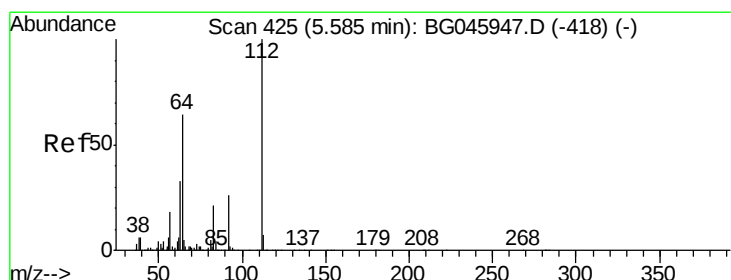
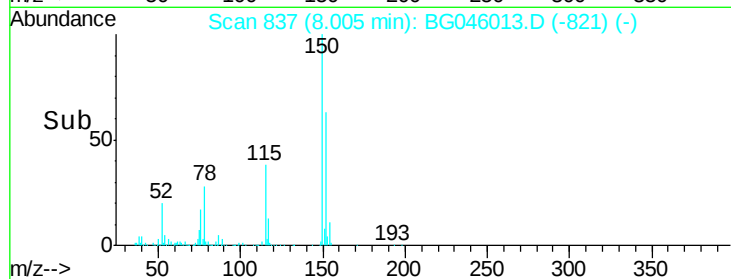
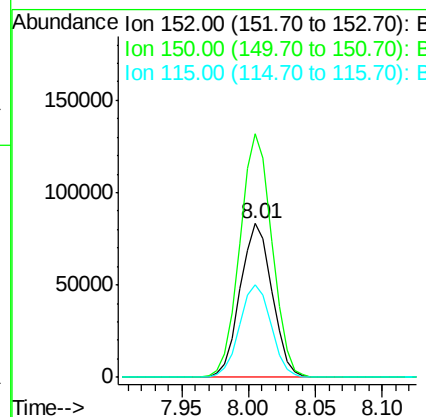
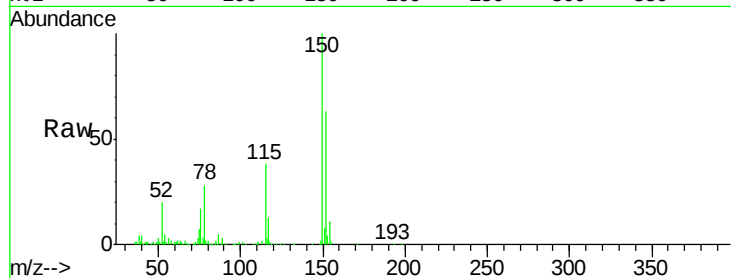


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG046013.D
Acq: 10 Jul 2020 19:11

Instrument :
BNA_G
ClientSampleId :
RO-24

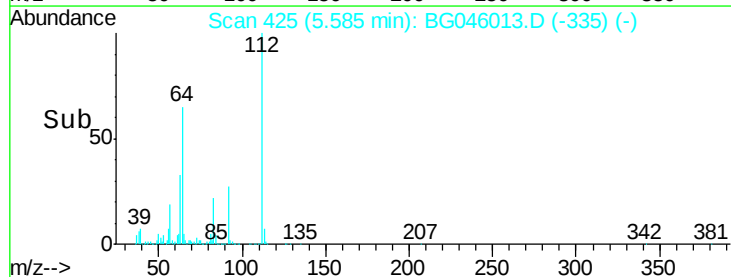
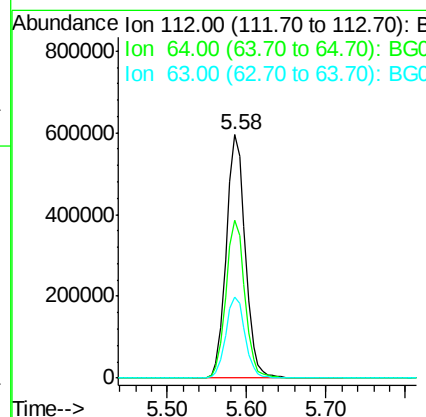
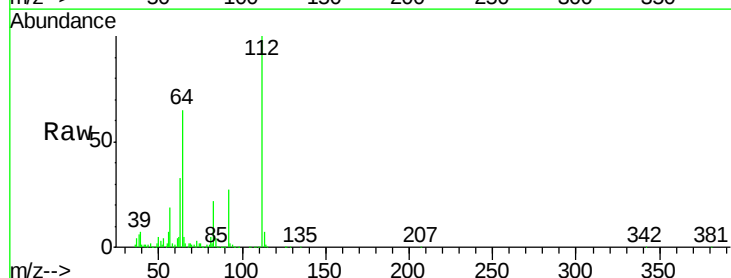
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	116.7	175.1
115	60.2	47.4	71.0

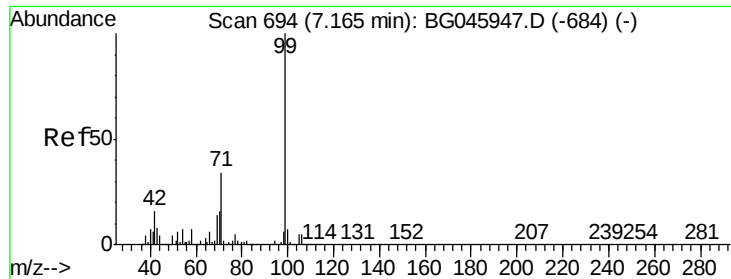


#5

2-Fluorophenol
Concen: 115.699 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG046013.D
Acq: 10 Jul 2020 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.4	77.2
63	33.1	26.6	40.0





#7

Phenol-d6

Concen: 106.170 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG046013.D

Acq: 10 Jul 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-24

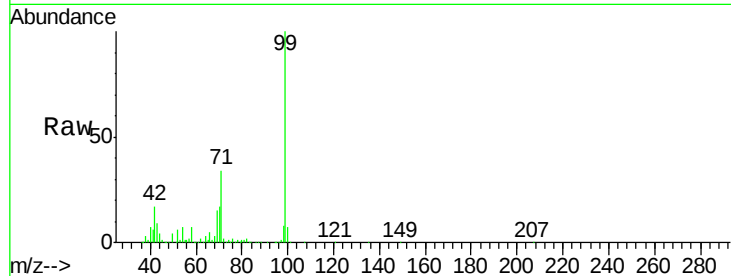
Tot Ion: 99 Resp: 1299815

Ion Ratio Lower Upper

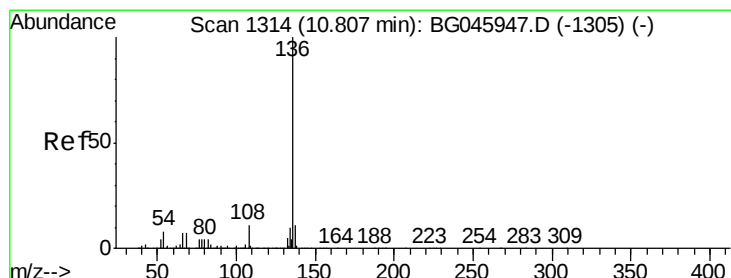
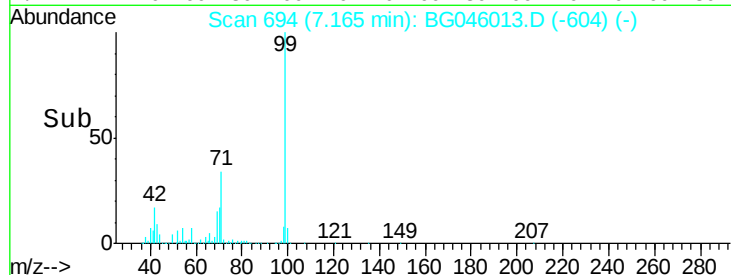
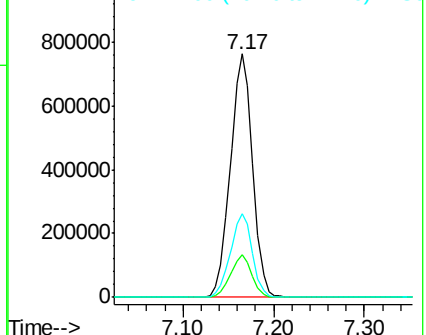
99 100

42 17.4 13.0 19.4

71 34.1 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. -0.01 min

Lab File: BG046013.D

Acq: 10 Jul 2020 19:11

Tgt Ion: 136 Resp: 590897

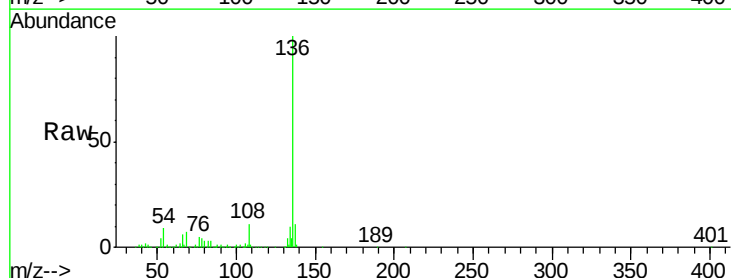
Ion Ratio Lower Upper

136 100

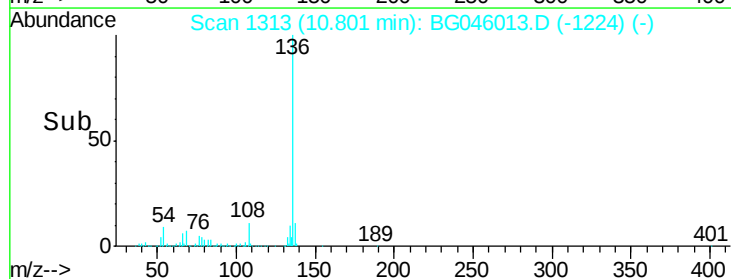
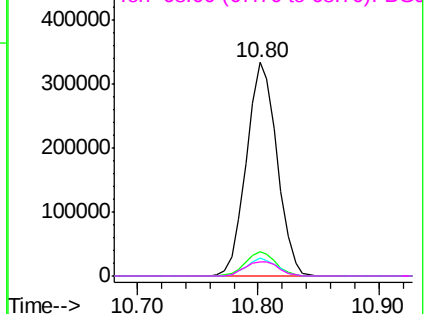
137 11.1 9.2 13.8

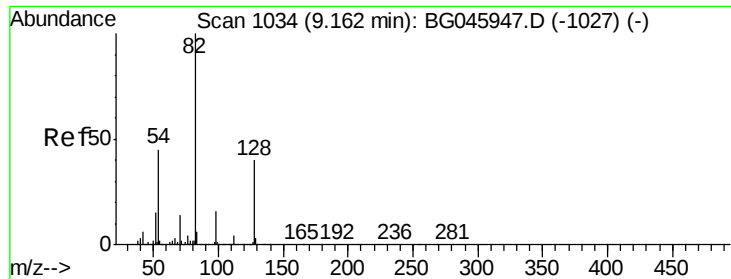
54 8.6 6.2 9.4

68 6.9 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

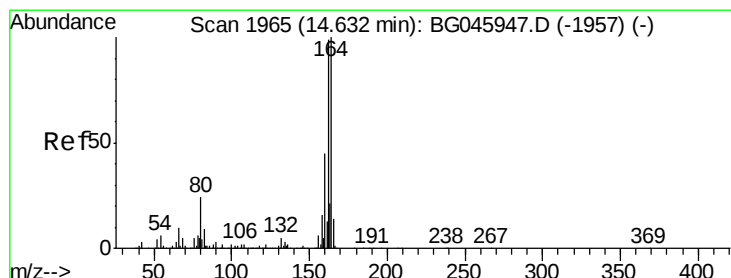
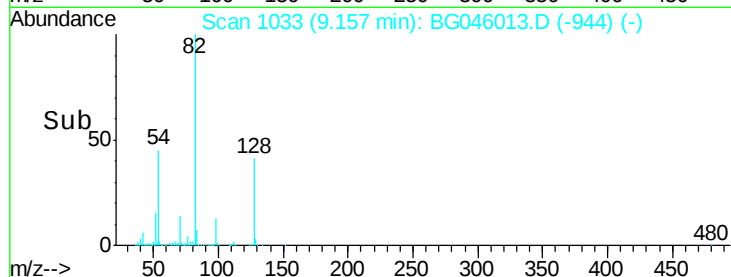
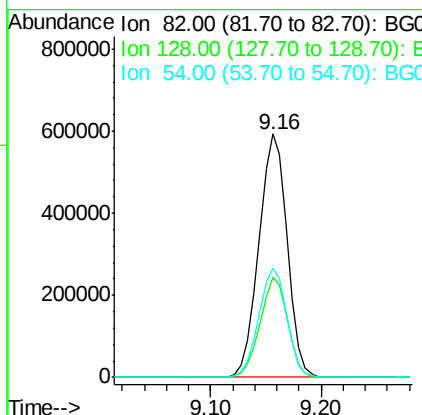
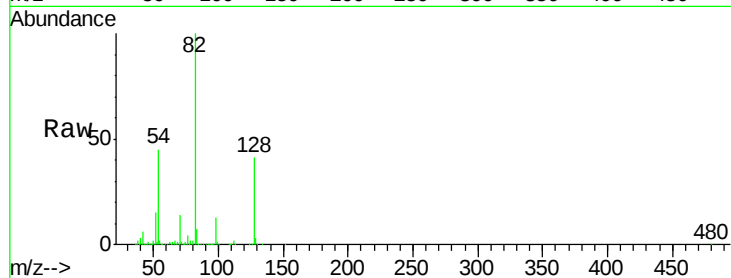




#23
Nitrobenzene-d5
Concen: 103.758 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG046013.D
Acq: 10 Jul 2020 19:11

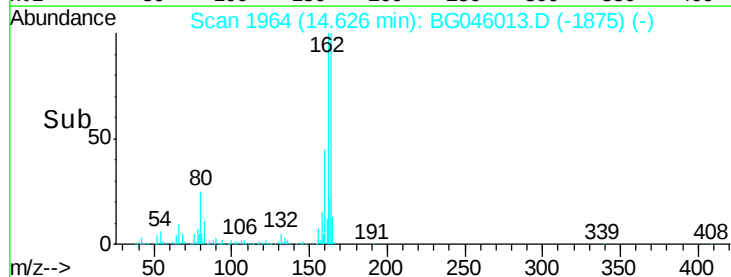
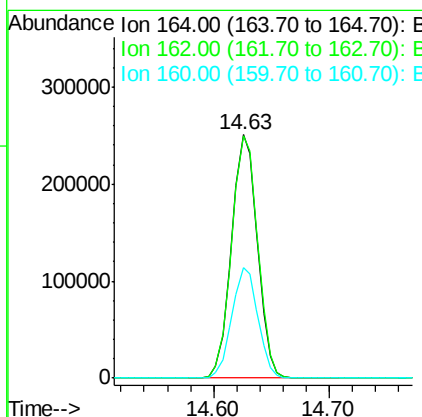
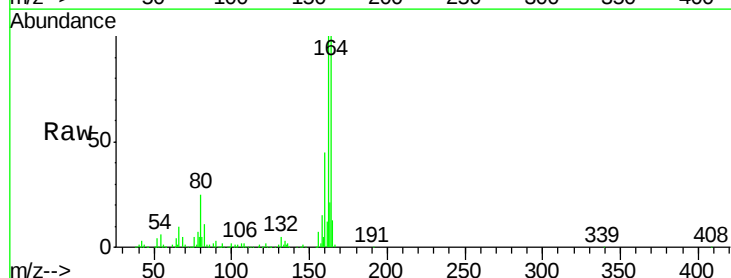
Instrument :
BNA_G
ClientSampleId :
RO-24

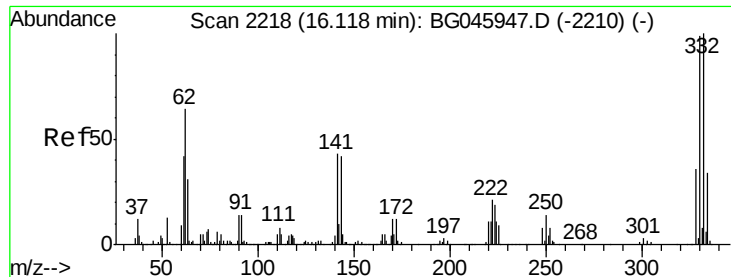
Tot Ion: 82 Resp: 1065189
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.4
54 44.6 35.8 53.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG046013.D
Acq: 10 Jul 2020 19:11

Tgt Ion:164 Resp: 388694
Ion Ratio Lower Upper
164 100
162 99.6 79.3 118.9
160 45.2 35.7 53.5

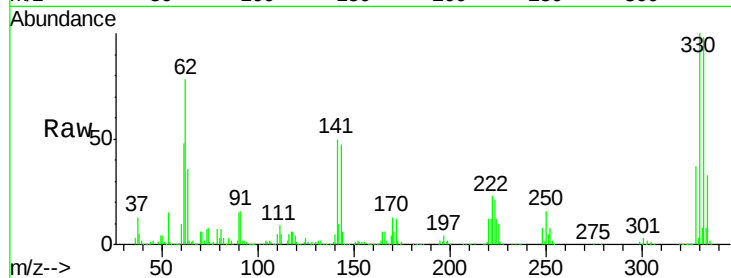




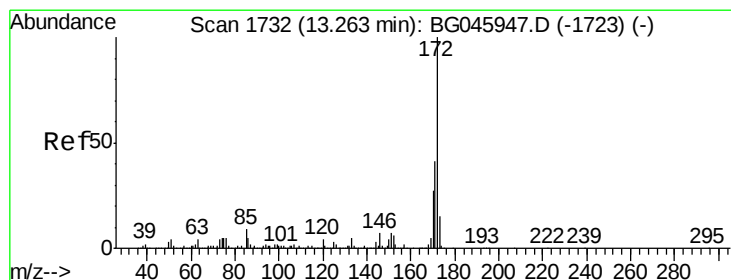
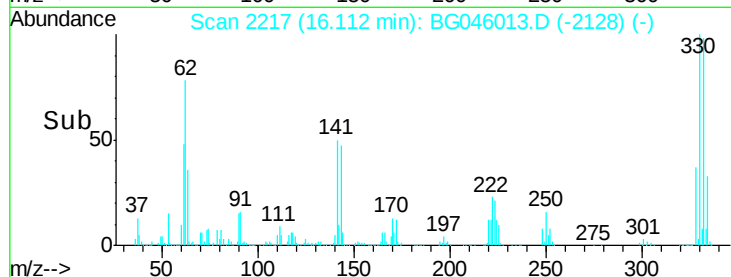
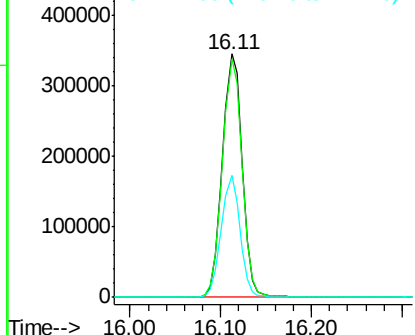
#42
 2,4,6-Tribromophenol
 Concen: 145.685 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG046013.D
 Acq: 10 Jul 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 RO-24

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.3	117.5
141	47.7	36.6	54.8

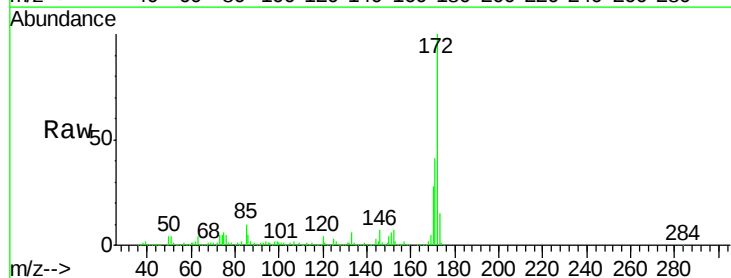


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

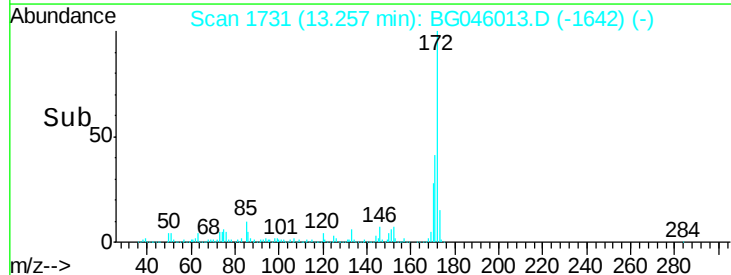
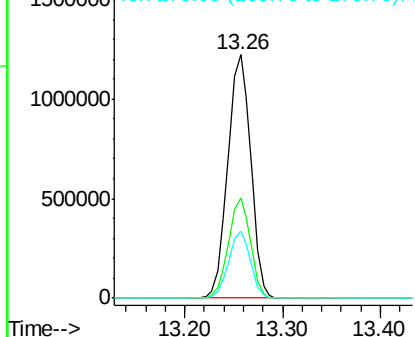


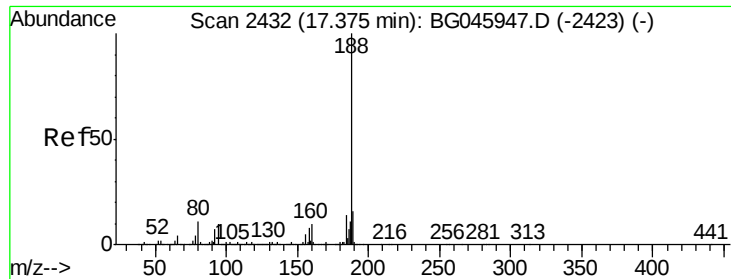
#45
 2-Fluorobiphenyl
 Concen: 79.688 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG046013.D
 Acq: 10 Jul 2020 19:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.1	32.9	49.3
170	27.8	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: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG046013.D

Acq: 10 Jul 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-24

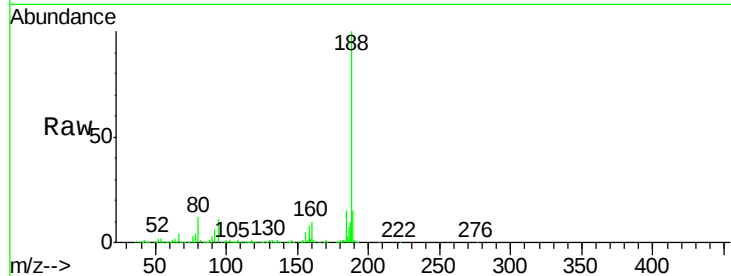
Tot Ion:188 Resp: 870214

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.4

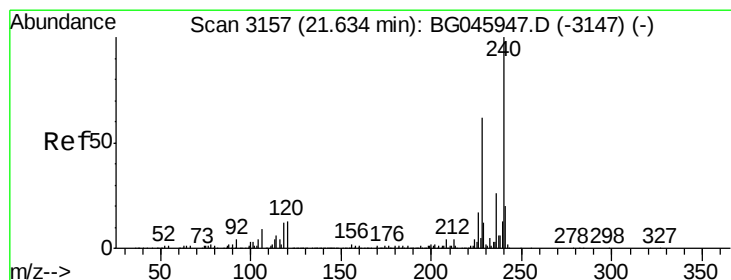
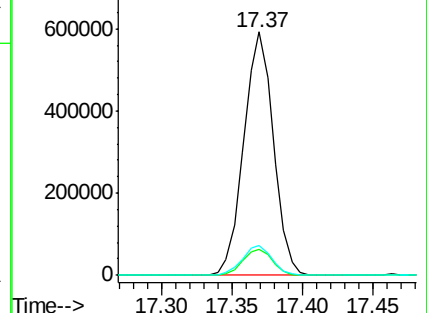
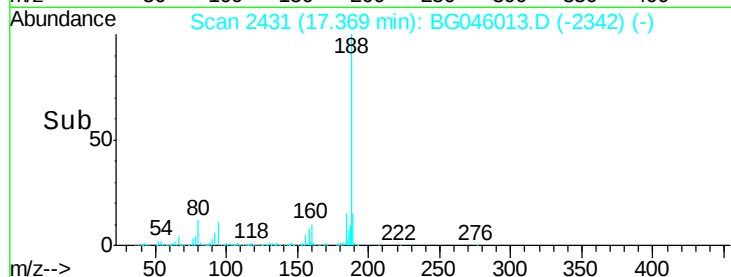
80 12.3 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG046013.D

Acq: 10 Jul 2020 19:11

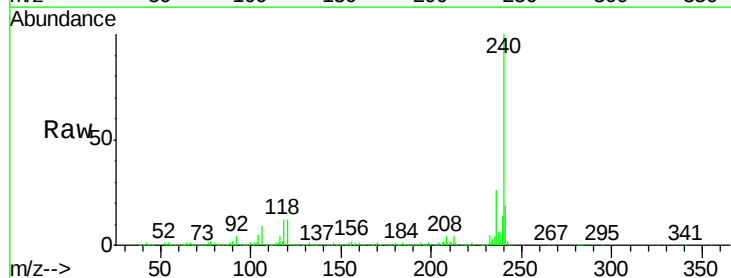
Tgt Ion:240 Resp: 764409

Ion Ratio Lower Upper

240 100

120 11.9 10.6 16.0

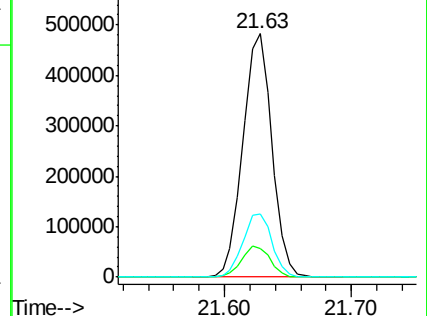
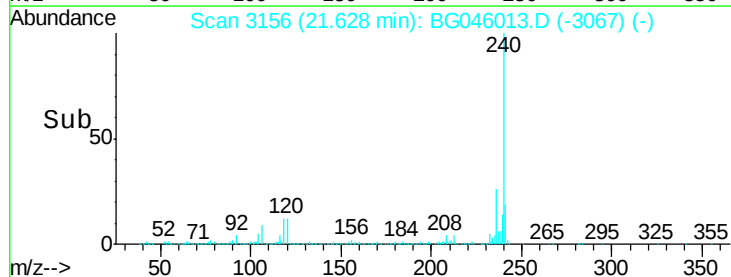
236 25.9 20.4 30.6

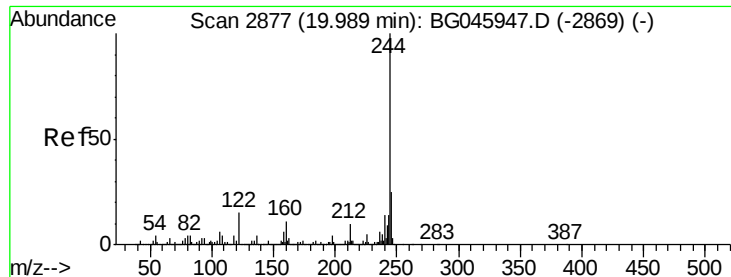


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.516 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG046013.D

Acq: 10 Jul 2020 19:11

Instrument :

BNA_G

ClientSampleId :

RO-24

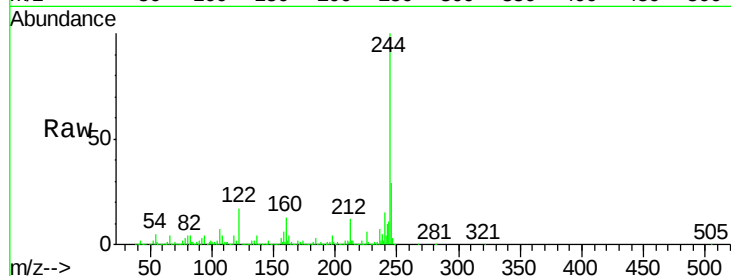
Tot Ion:244 Resp: 2834231

Ion Ratio Lower Upper

244 100

212 11.6 8.3 12.5

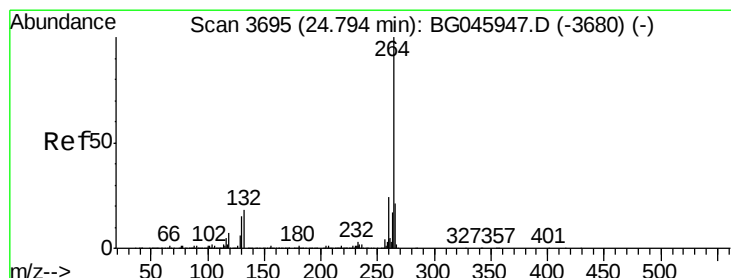
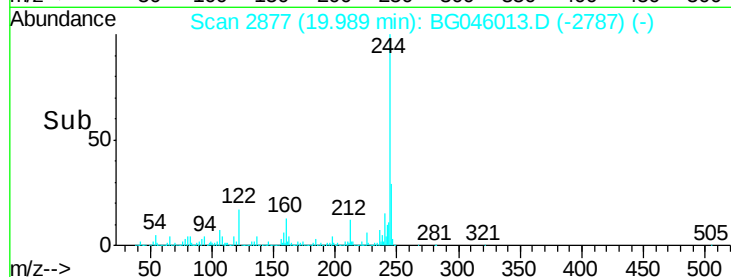
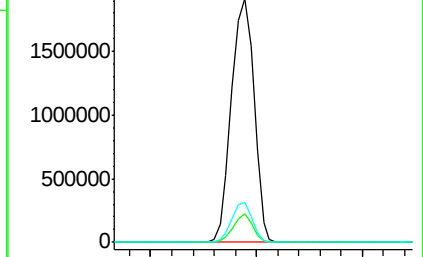
122 16.6 12.1 18.1



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# 3693

Delta R.T. -0.01 min

Lab File: BG046013.D

Acq: 10 Jul 2020 19:11

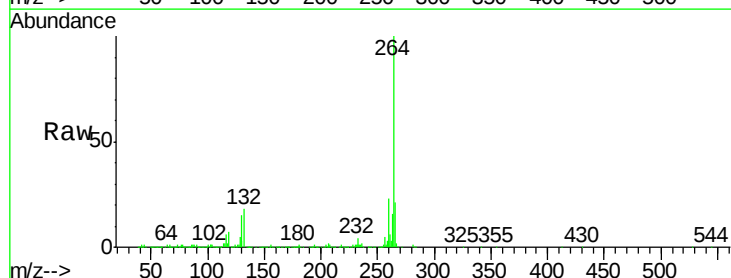
Tgt Ion:264 Resp: 755262

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 21.4 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

