

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046015.D
 Acq On : 10 Jul 2020 20:32
 Operator : CG/JU
 Sample : L3203-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-20

Quant Time: Jul 11 01:17:11 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	8.00	152	130803	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	535252	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	338800	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	772256	20.00	ng	0.00
76) Chrysene-d12	21.63	240	697880	20.00	ng	0.00
86) Perylene-d12	24.78	264	670022	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1141379	141.51	ng	0.00
7) Phenol-d6	7.16	99	1493626	128.62	ng	0.00
23) Nitrobenzene-d5	9.16	82	1214330	130.58	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	600883	191.10	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2235736	102.93	ng	0.00
79) Terphenyl-d14	19.99	244	3168950	101.06	ng	0.00

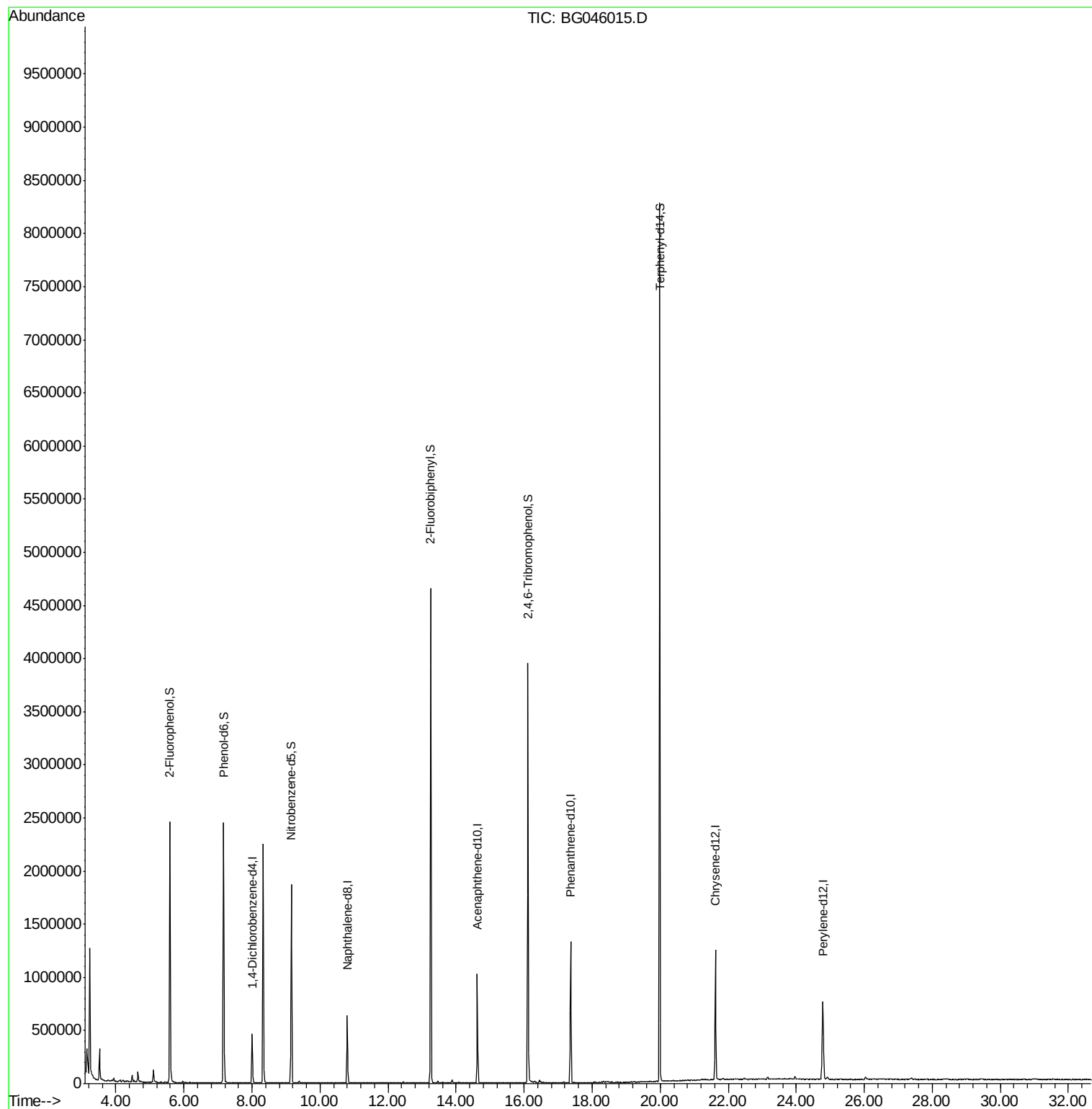
Target Compounds Qvalue

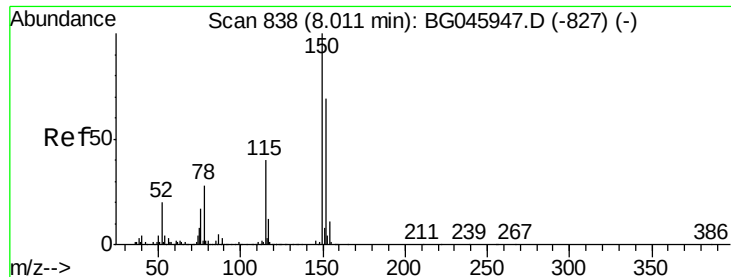
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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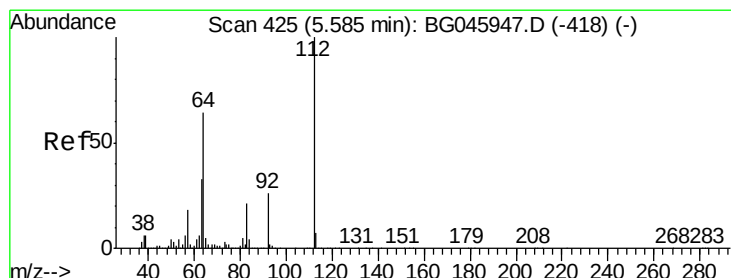
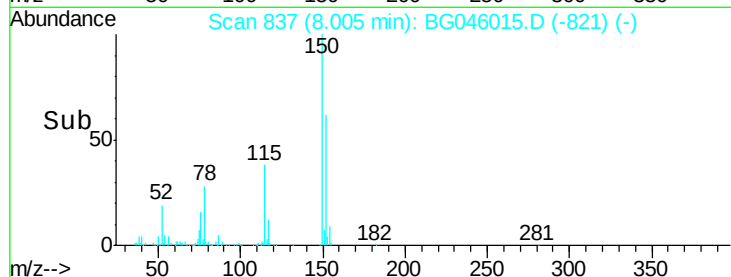
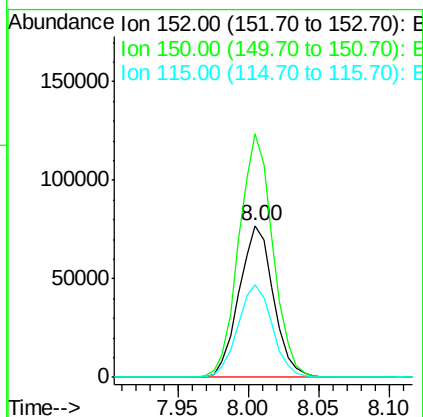
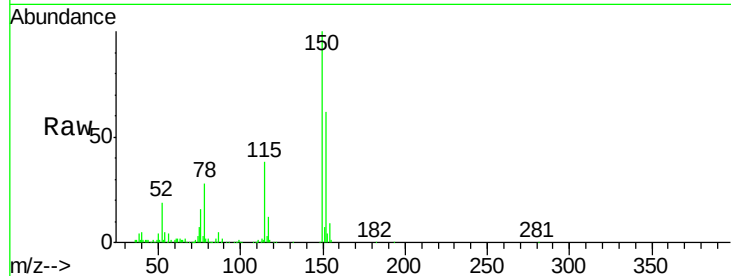


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

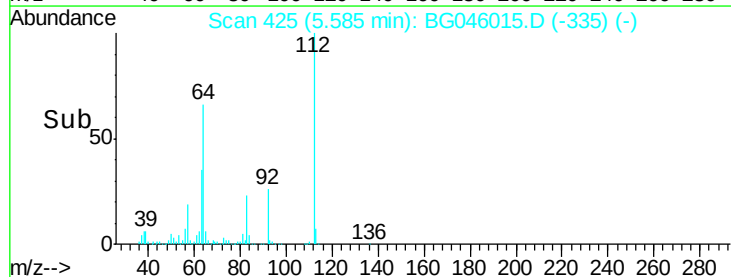
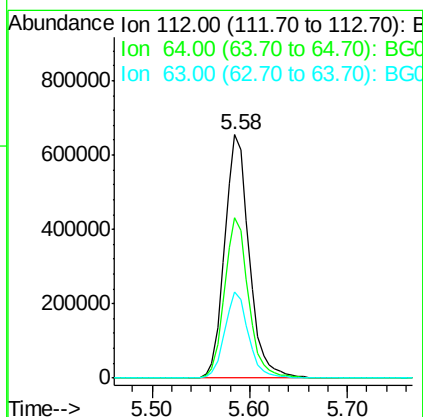
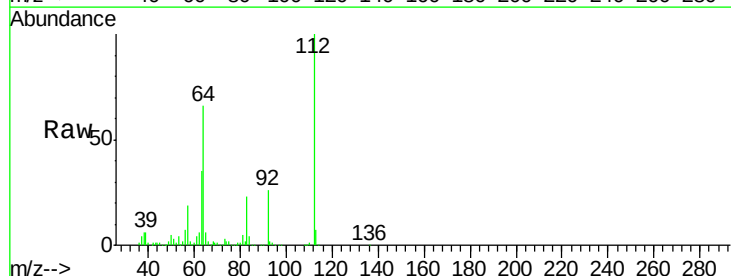
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	116.7	175.1
115	60.5	47.4	71.0

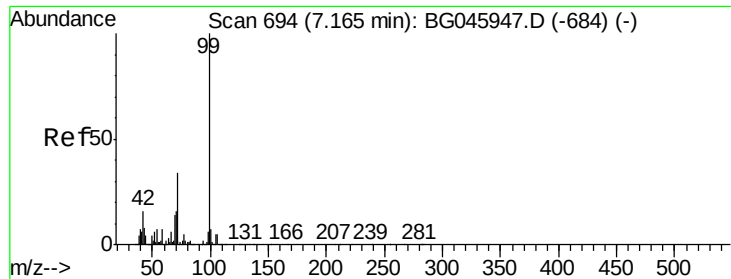


#5

2-Fluorophenol
Concen: 141.506 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	51.4	77.2
63	35.4	26.6	40.0





#7

Phenol-d6

Concen: 128.621 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG046015.D

Acq: 10 Jul 2020 20:32

Instrument :

BNA_G

ClientSampleId :

RO-20

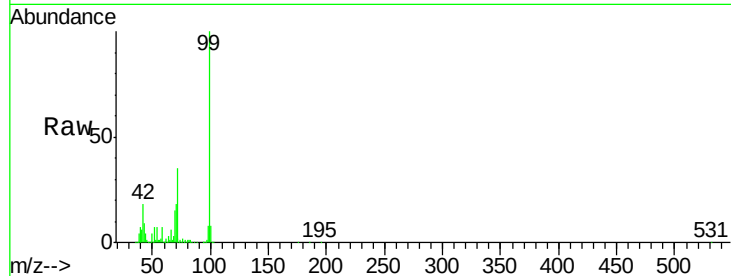
Tot Ion: 99 Resp: 1493626

Ion Ratio Lower Upper

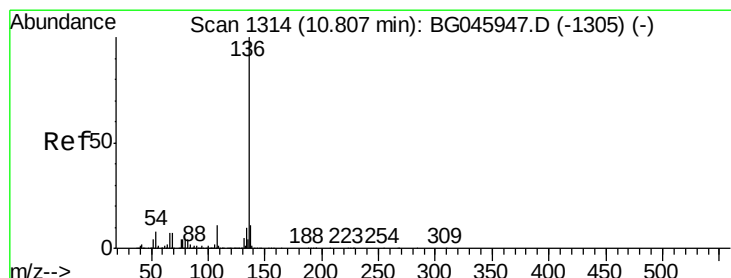
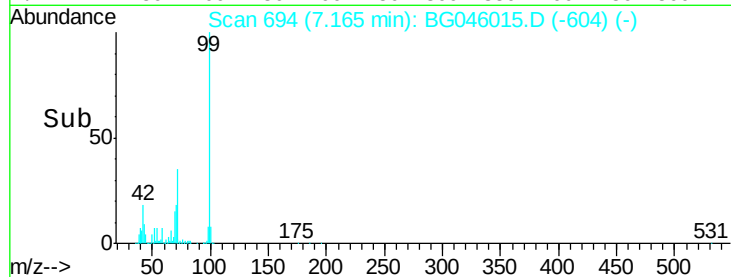
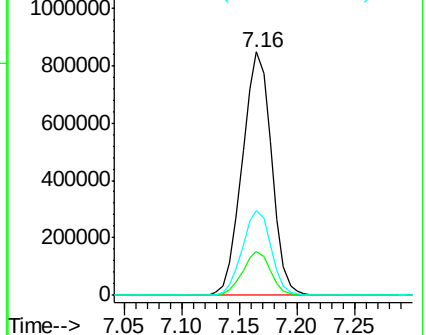
99 100

42 17.8 13.0 19.4

71 35.1 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: BG046015.D

Acq: 10 Jul 2020 20:32

Tgt Ion: 136 Resp: 535252

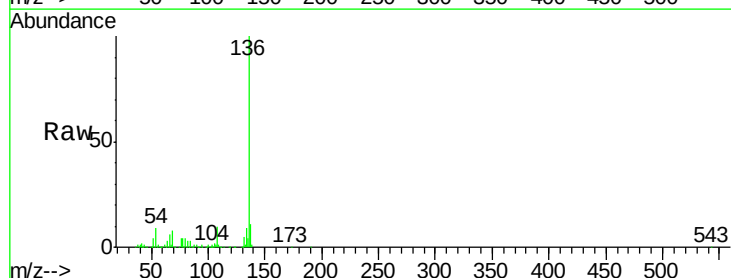
Ion Ratio Lower Upper

136 100

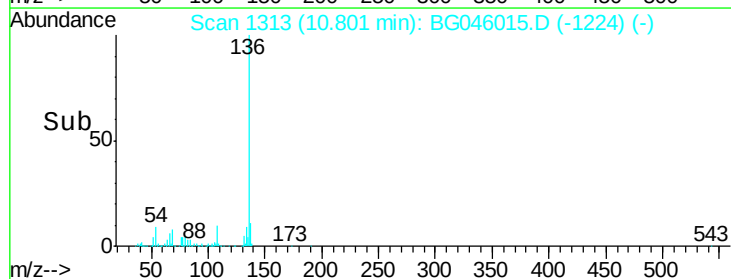
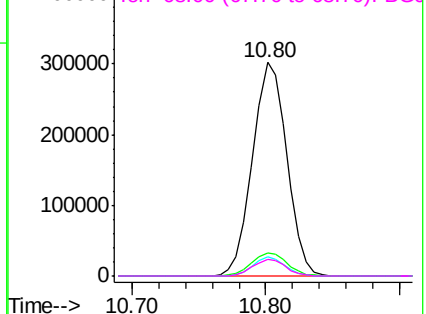
137 10.9 9.2 13.8

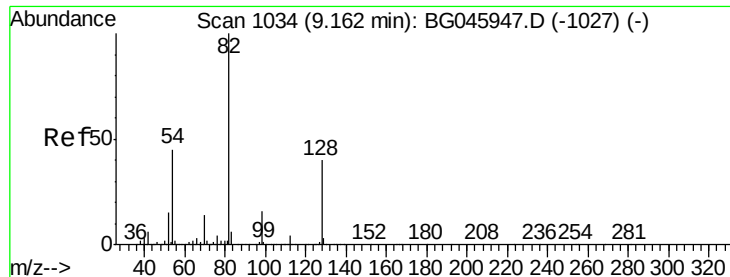
54 8.8 6.2 9.4

68 8.0 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

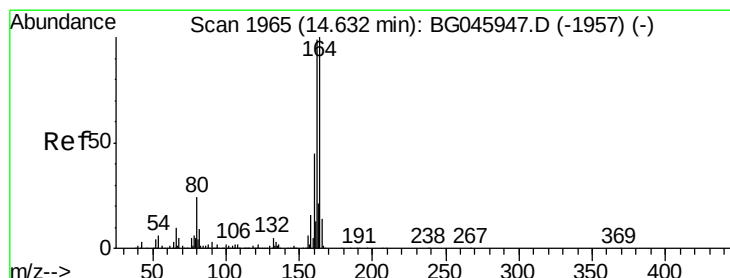
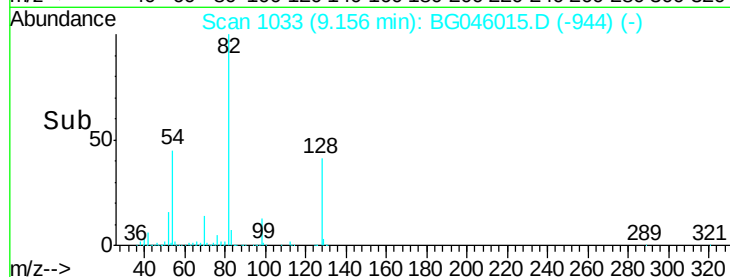
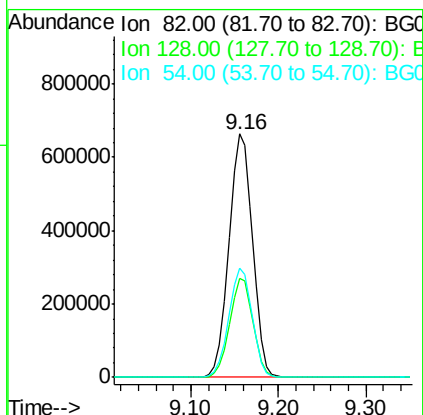
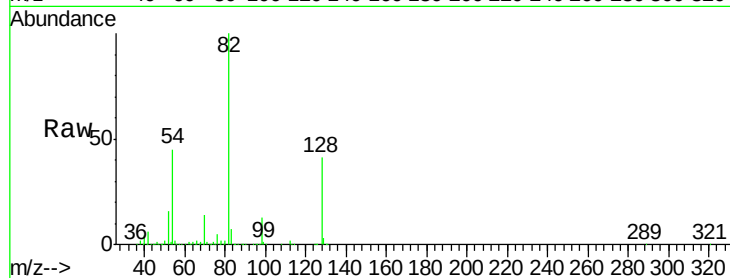




#23
Nitrobenzene-d5
Concen: 130.582 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

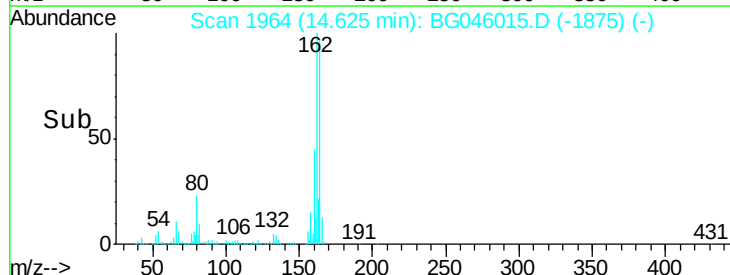
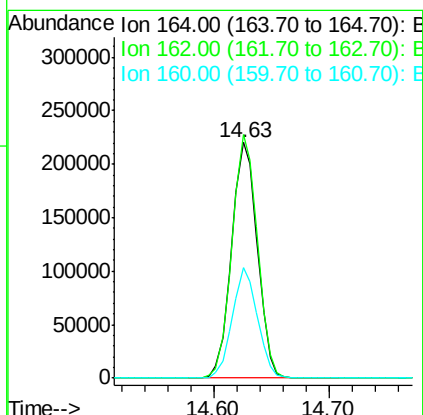
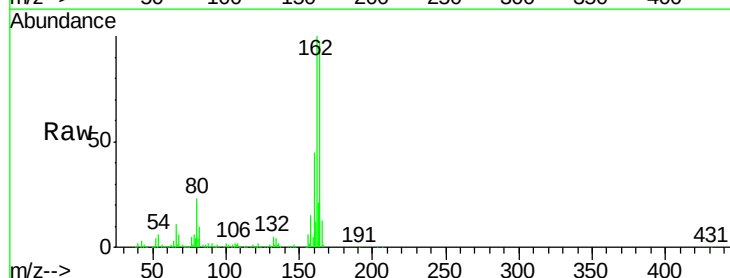
Instrument :
BNA_G
ClientSampleId :
RO-20

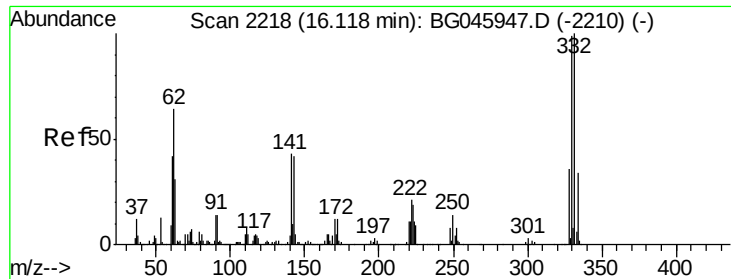
Tot Ion: 82 Resp: 1214330
Ion Ratio Lower Upper
82 100
128 40.9 32.2 48.4
54 44.8 35.8 53.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion:164 Resp: 338800
Ion Ratio Lower Upper
164 100
162 103.3 79.3 118.9
160 47.0 35.7 53.5

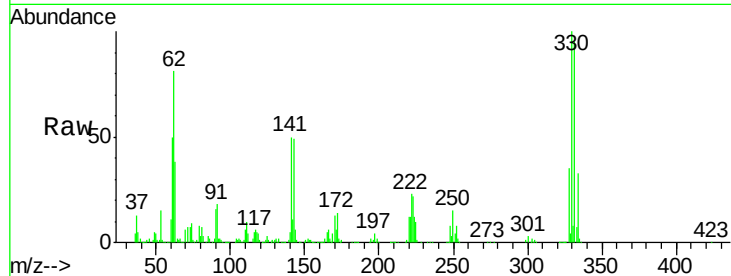




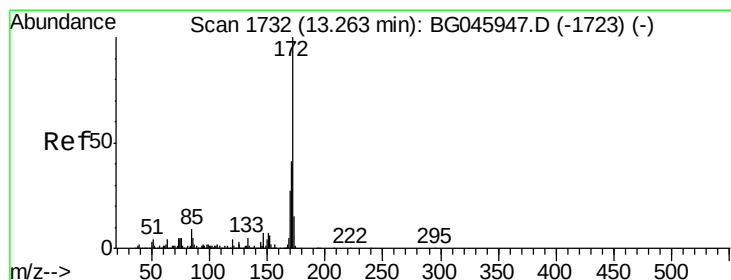
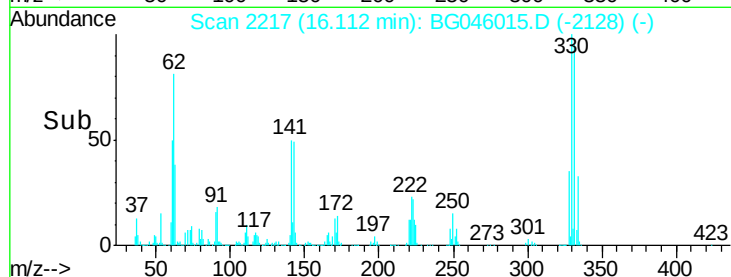
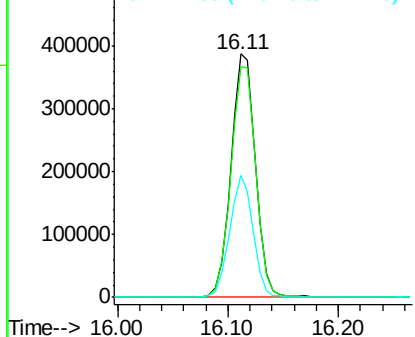
#42
 2,4,6-Tribromophenol
 Concen: 191.095 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG046015.D
 Acq: 10 Jul 2020 20:32

Instrument :
 BNA_G
 ClientSampleId :
 RO-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.3	117.5
141	47.9	36.6	54.8

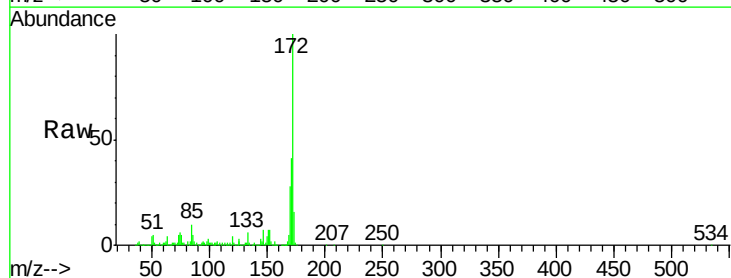


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

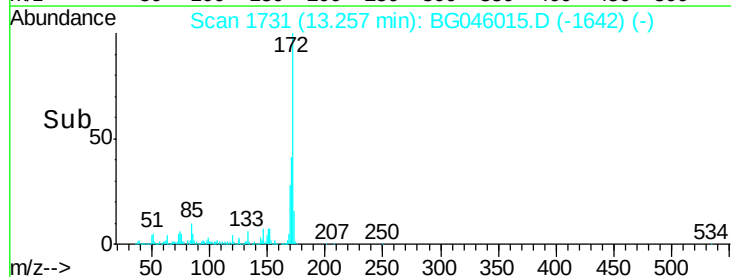
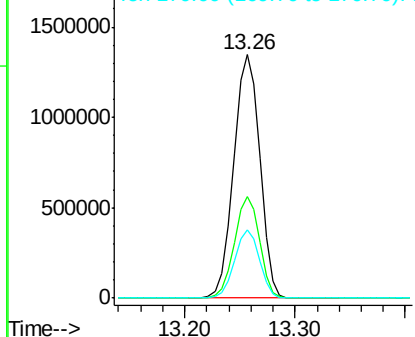


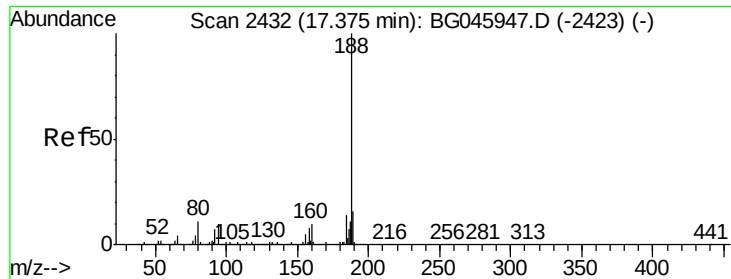
#45
 2-Fluorobiphenyl
 Concen: 102.933 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG046015.D
 Acq: 10 Jul 2020 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.5	32.9	49.3
170	28.1	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

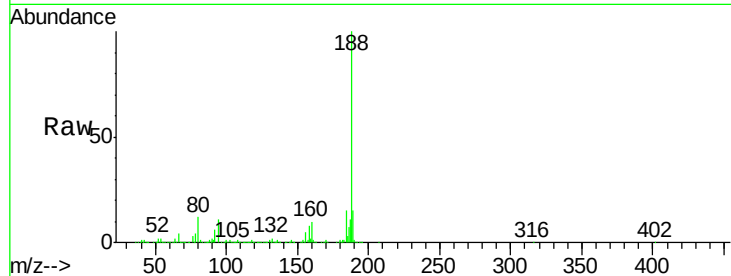




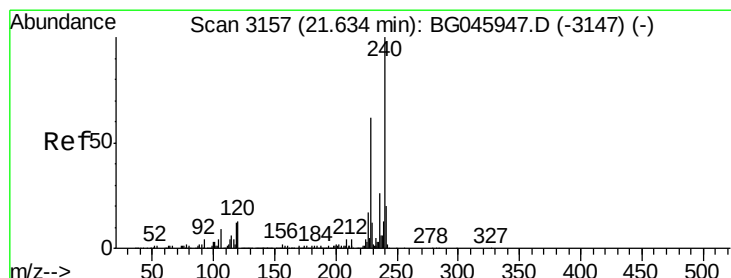
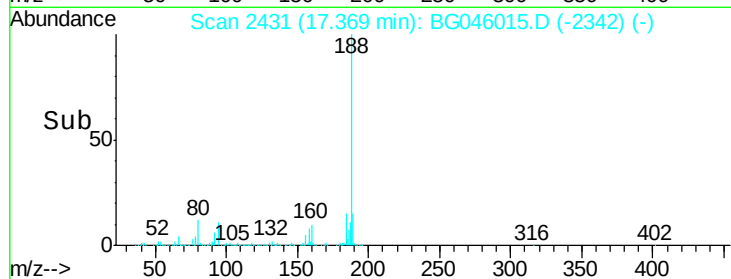
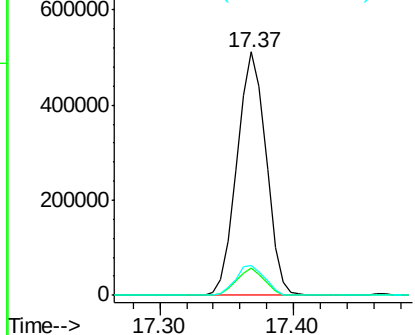
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Instrument :
BNA_G
ClientSampleId :
RO-20

Tot Ion:188 Resp: 772256
Ion Ratio Lower Upper
188 100
94 11.3 8.2 12.4
80 12.1 9.0 13.6

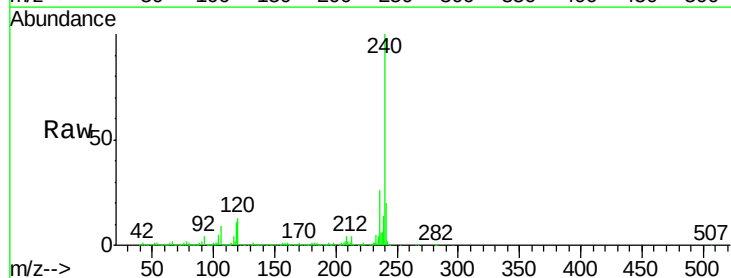


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

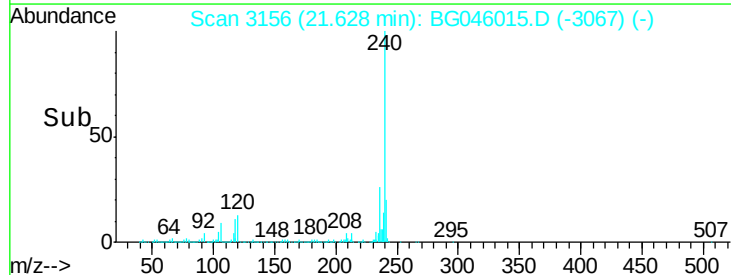
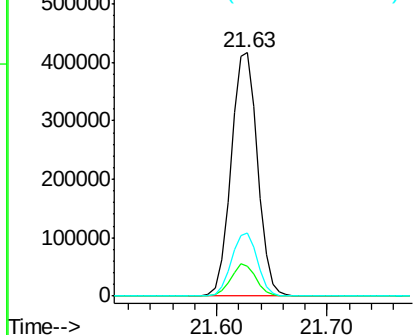


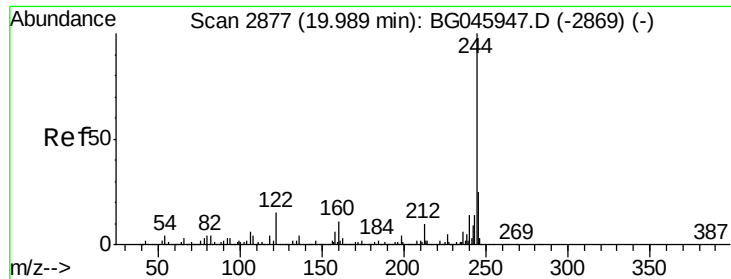
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG046015.D
Acq: 10 Jul 2020 20:32

Tgt Ion:240 Resp: 697880
Ion Ratio Lower Upper
240 100
120 12.5 10.6 16.0
236 26.2 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: 101.057 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG046015.D

Acq: 10 Jul 2020 20:32

Instrument :

BNA_G

ClientSampleId :

RO-20

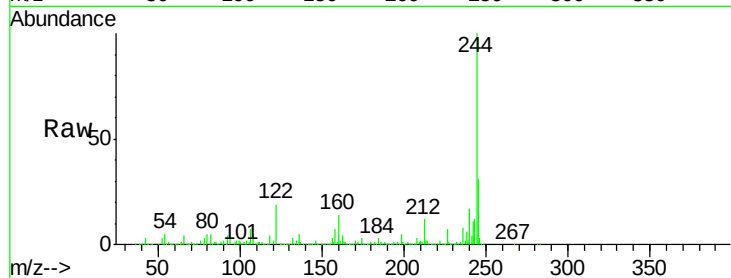
Tot Ion:244 Resp: 3168950

Ion Ratio Lower Upper

244 100

212 12.5 8.3 12.5

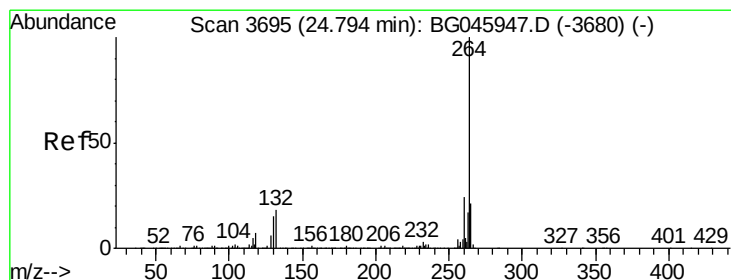
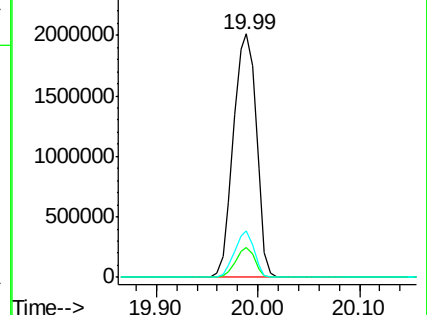
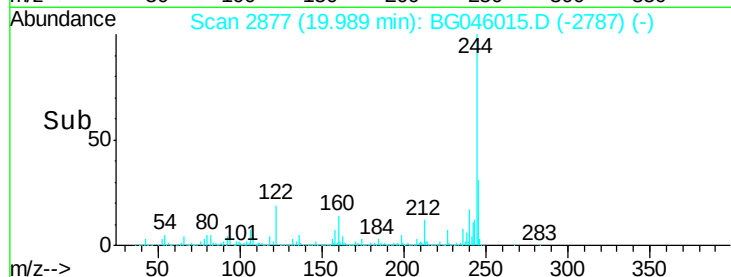
122 18.9 12.1 18.1#



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: BG046015.D

Acq: 10 Jul 2020 20:32

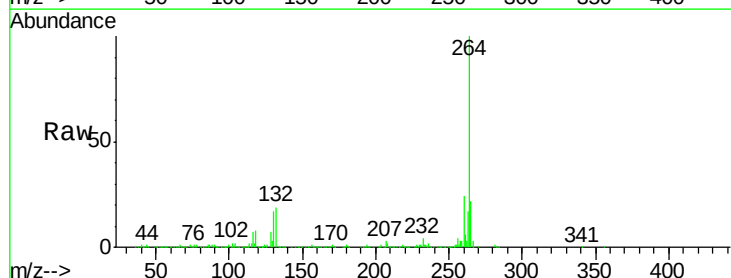
Tgt Ion:264 Resp: 670022

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.0 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

