

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071320\
 Data File : BG046022.D
 Acq On : 13 Jul 2020 14:35
 Operator : CG/JU
 Sample : PB130142TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130142TB

Quant Time: Jul 13 15:18:07 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	148943	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	610558	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	369415	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	774940	20.00	ng	0.00
76) Chrysene-d12	21.62	240	678541	20.00	ng	0.00
86) Perylene-d12	24.78	264	669991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1094391	119.16	ng	0.00
7) Phenol-d6	7.17	99	1581577	119.61	ng	0.00
23) Nitrobenzene-d5	9.15	82	972254	91.66	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	437578	127.63	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1840393	77.71	ng	0.00
79) Terphenyl-d14	19.99	244	2536976	83.21	ng	0.00

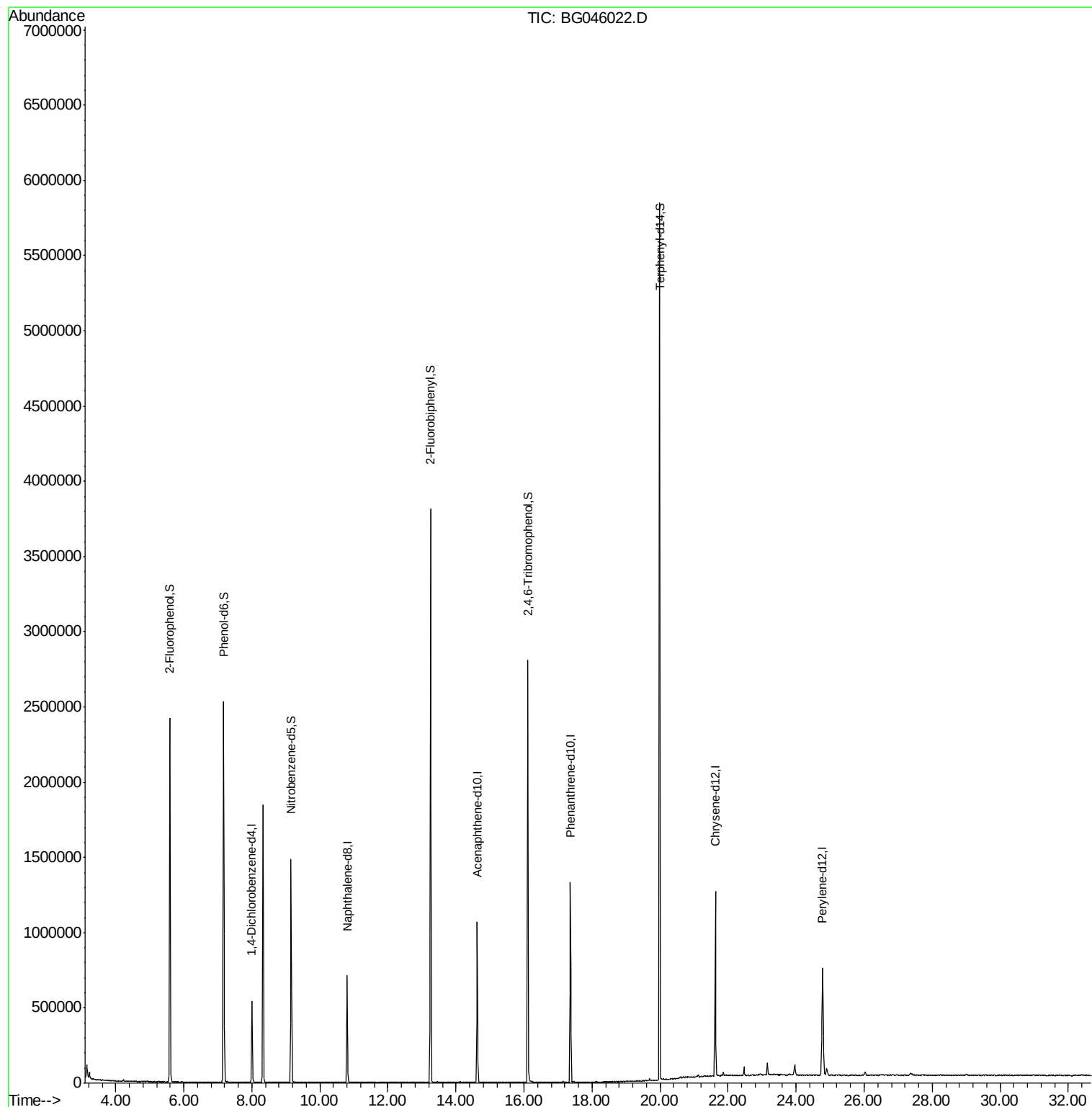
Target Compounds Qvalue

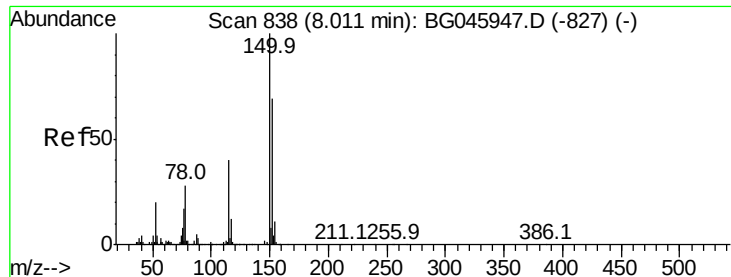
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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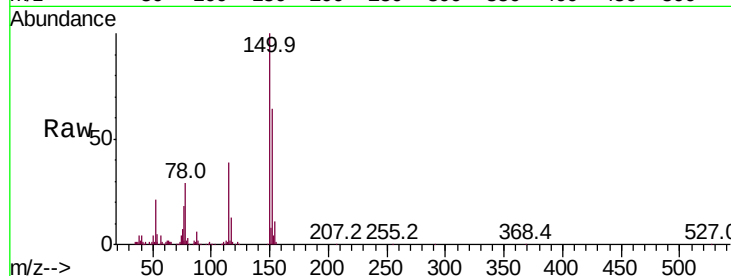


#1

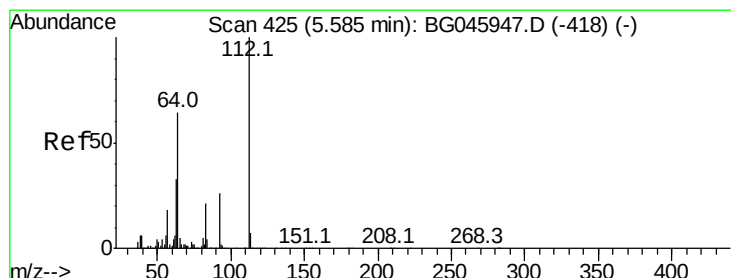
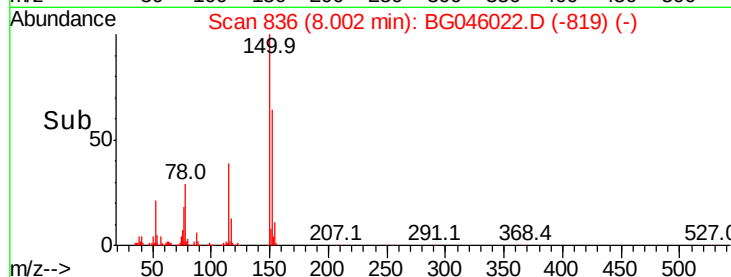
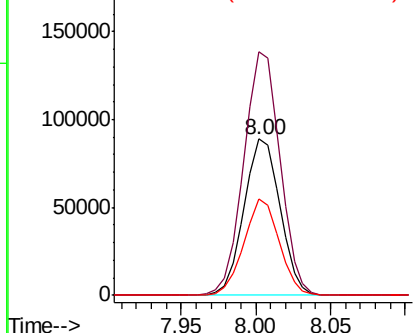
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG046022.D
 Acq: 13 Jul 2020 14:35

Instrument :
 BNA_G
 ClientSampleId :
 PB130142TB

Tot Ion:152 Resp: 148943
 Ion Ratio Lower Upper
 152 100
 150 155.9 116.7 175.1
 115 61.5 47.4 71.0



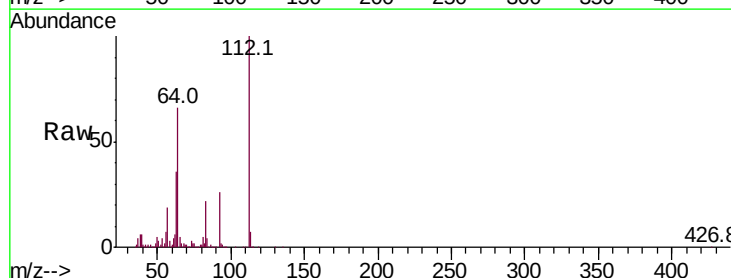
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



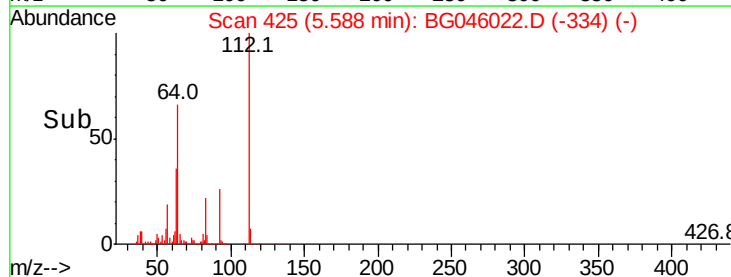
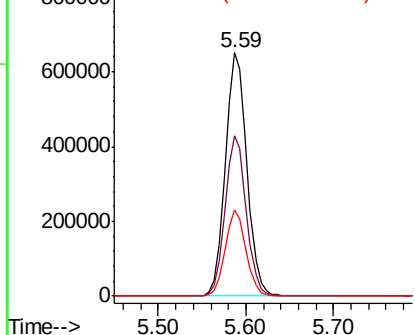
#5

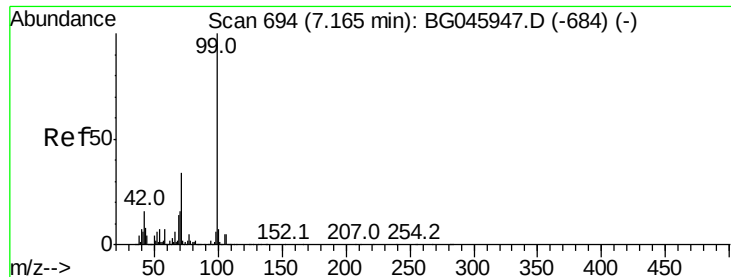
2-Fluorophenol
 Concen: 119.155 ng
 RT: 5.59 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BG046022.D
 Acq: 13 Jul 2020 14:35

Tgt Ion:112 Resp: 1094391
 Ion Ratio Lower Upper
 112 100
 64 65.7 51.4 77.2
 63 35.6 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: 119.607 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG046022.D

Acq: 13 Jul 2020 14:35

Instrument :

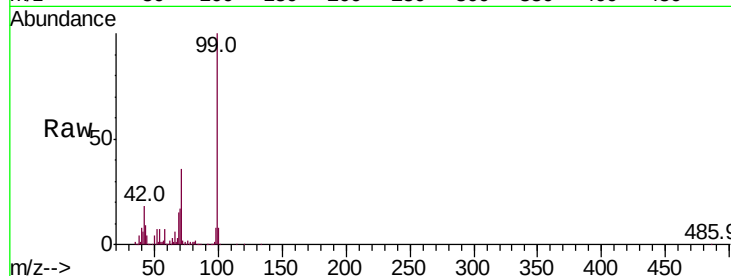
BNA_G

ClientSampleId :

PB130142TB

Tot Ion: 99 Resp: 1581577

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.0	19.4
71	35.8	27.5	41.3

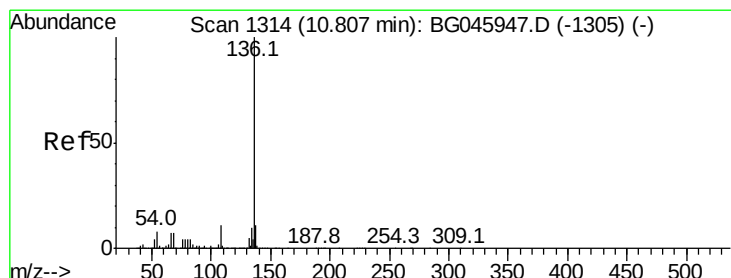
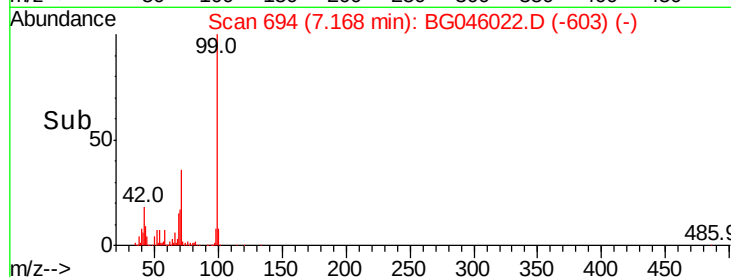
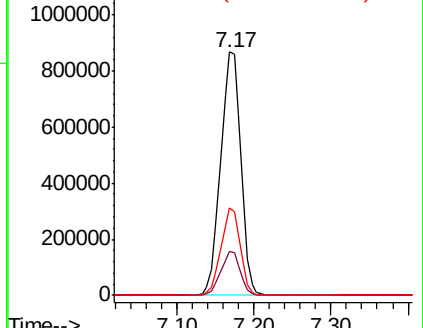


Abundance

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

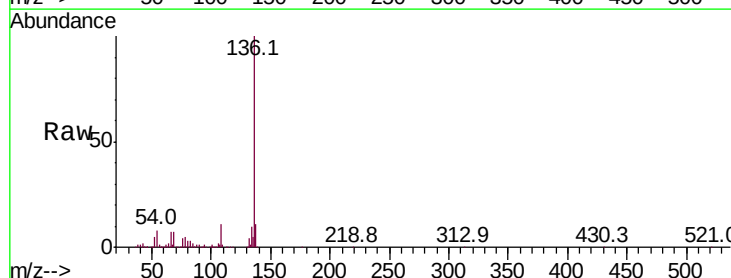
Delta R.T. 0.00 min

Lab File: BG046022.D

Acq: 13 Jul 2020 14:35

Tgt Ion: 136 Resp: 610558

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.1	6.2	9.4
68	7.5	5.8	8.8



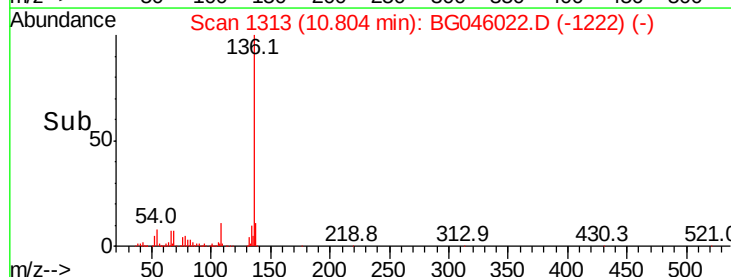
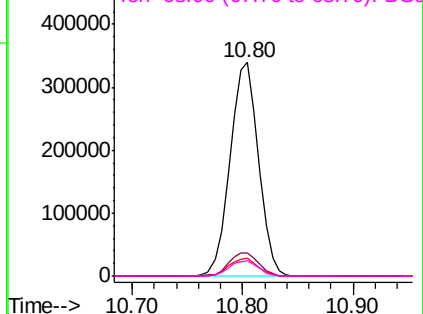
Abundance

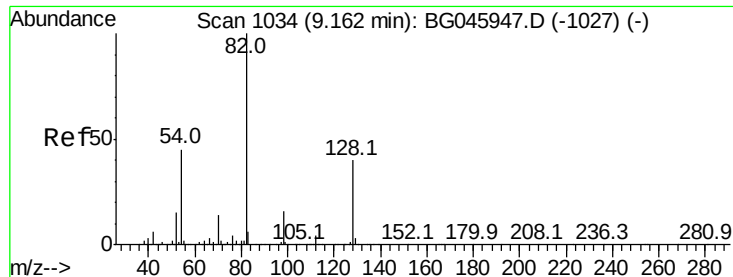
Ion 136.00 (135.70 to 136.70): BGC

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

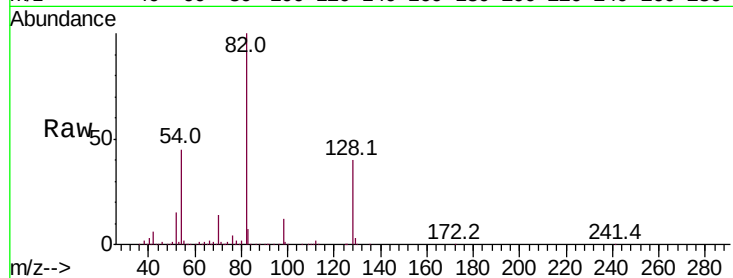




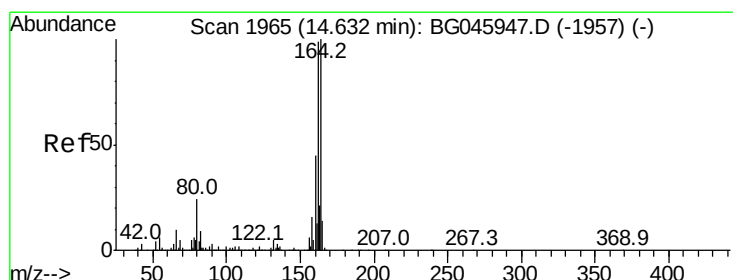
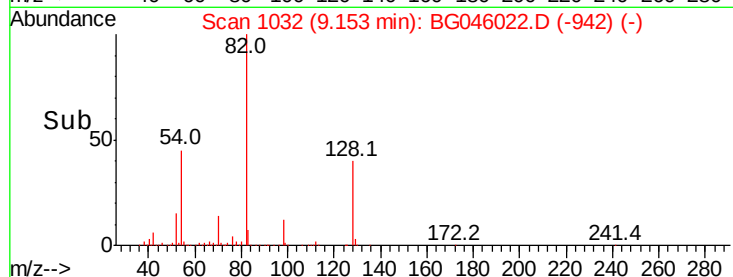
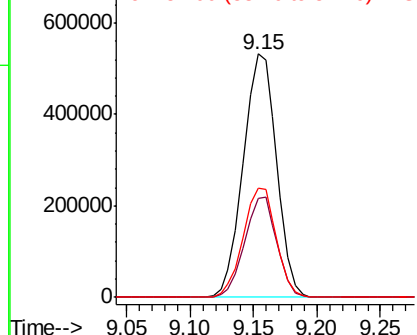
#23
Nitrobenzene-d5
Concen: 91.655 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Tot Ion	82	Resp	972254
Ion Ratio	100	Lower	Upper
128	40.5	32.2	48.4
54	45.0	35.8	53.6

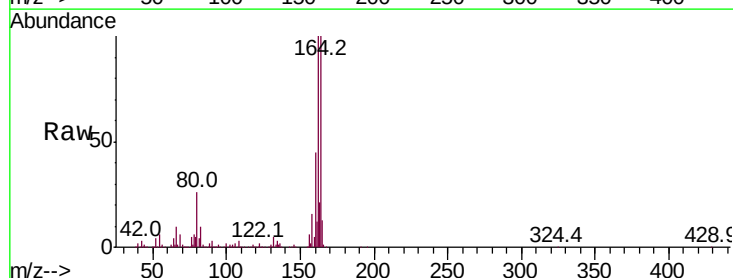


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

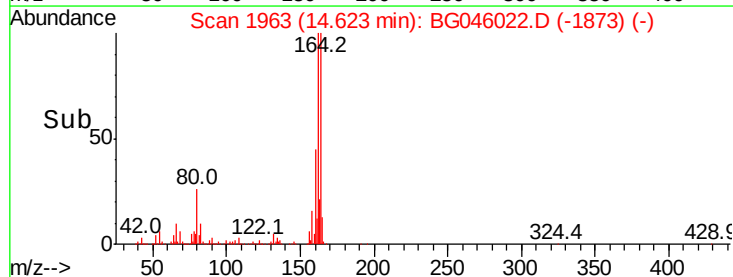
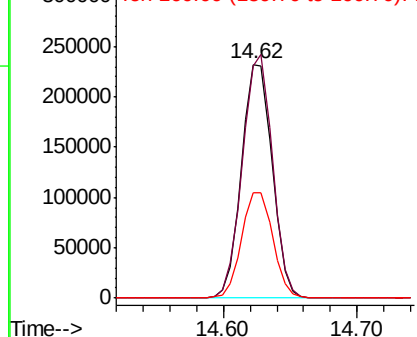


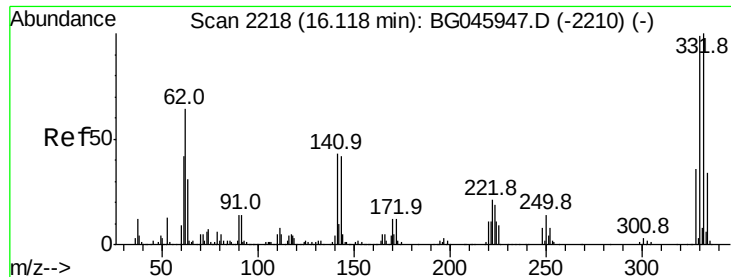
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Tgt Ion	164	Resp	369415
Ion Ratio	100	Lower	Upper
162	99.7	79.3	118.9
160	45.2	35.7	53.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 127.627 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG046022.D

Acq: 13 Jul 2020 14:35

Instrument :

BNA_G

ClientSampleId :

PB130142TB

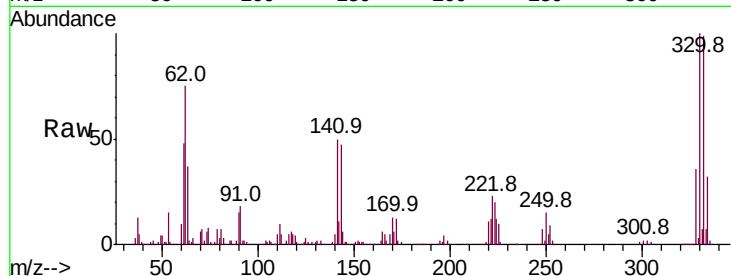
Tot Ion:330 Resp: 437578

Ion Ratio Lower Upper

330 100

332 97.5 78.3 117.5

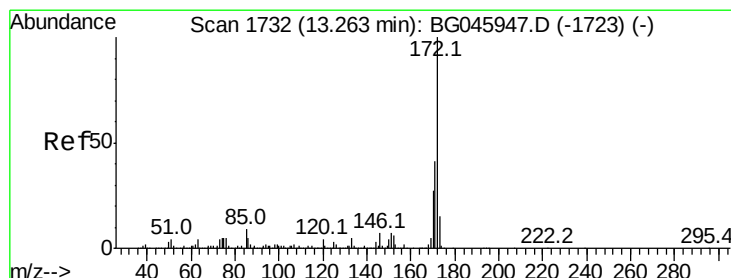
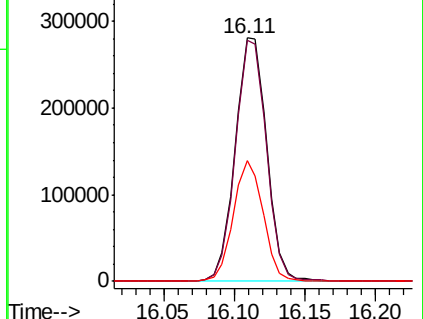
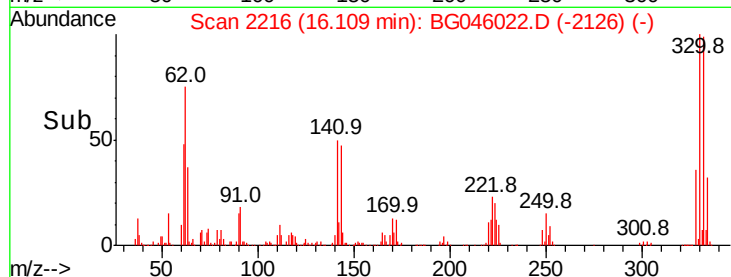
141 47.2 36.6 54.8



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: 77.709 ng

RT: 13.25 min Scan# 1730

Delta R.T. -0.00 min

Lab File: BG046022.D

Acq: 13 Jul 2020 14:35

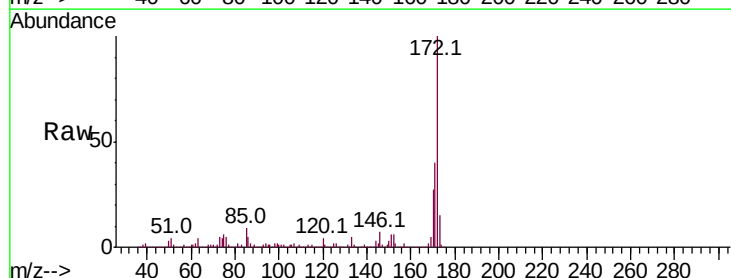
Tgt Ion:172 Resp: 1840393

Ion Ratio Lower Upper

172 100

171 39.7 32.9 49.3

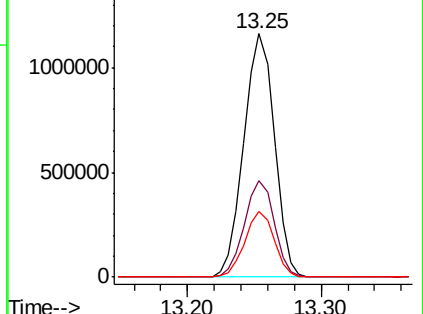
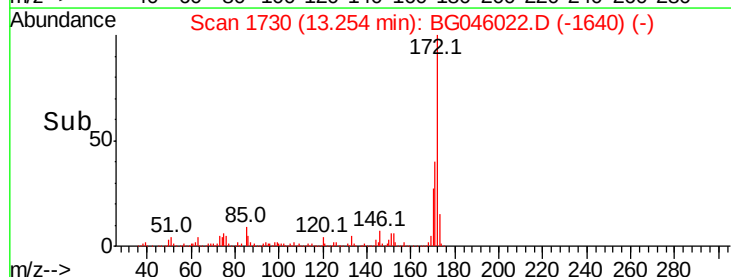
170 26.7 21.8 32.6

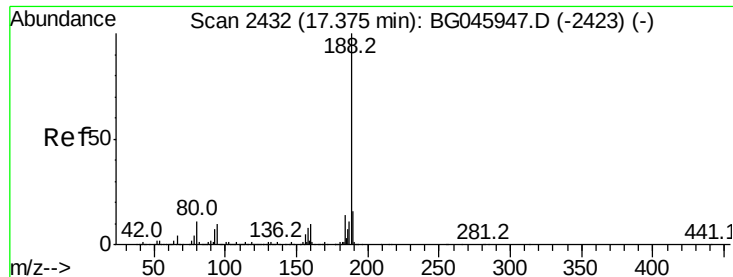


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2430

Delta R.T. -0.00 min

Lab File: BG046022.D

Acq: 13 Jul 2020 14:35

Instrument :

BNA_G

ClientSampleId :

PB130142TB

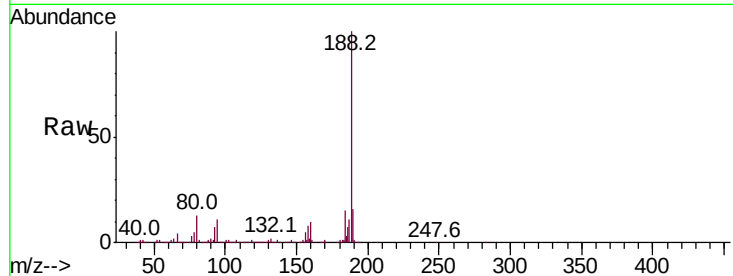
Tot Ion:188 Resp: 774940

Ion Ratio Lower Upper

188 100

94 10.9 8.2 12.4

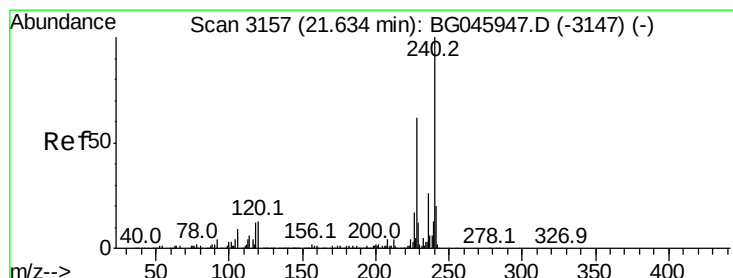
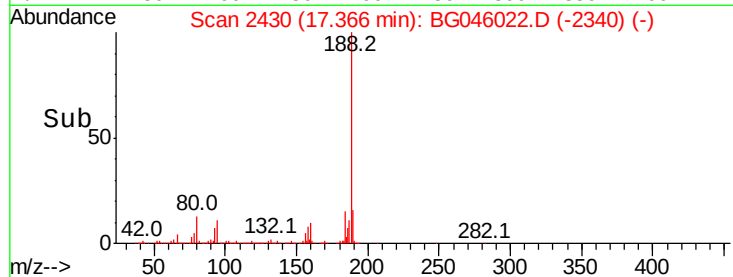
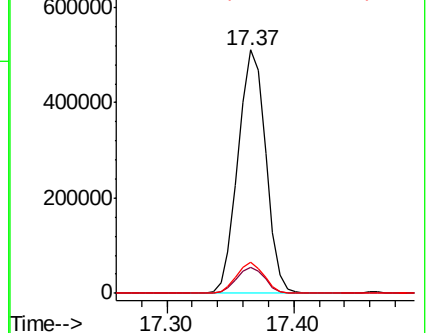
80 12.9 9.0 13.6



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: BG046022.D

Acq: 13 Jul 2020 14:35

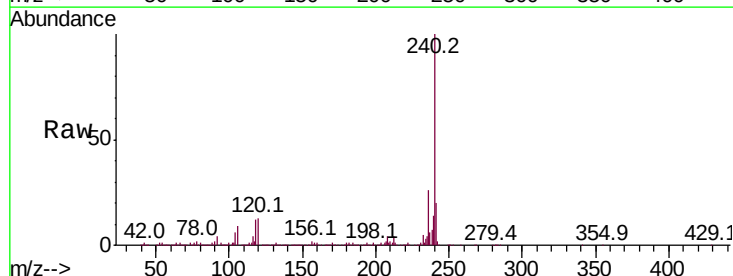
Tgt Ion:240 Resp: 678541

Ion Ratio Lower Upper

240 100

120 13.0 10.6 16.0

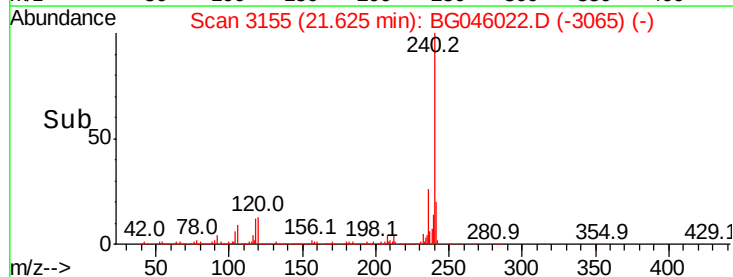
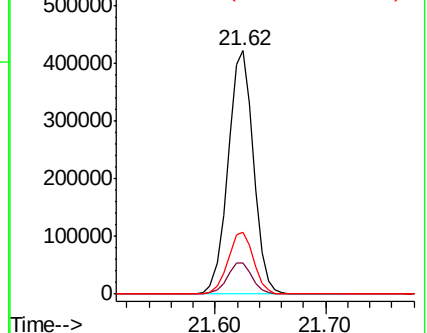
236 25.6 20.4 30.6

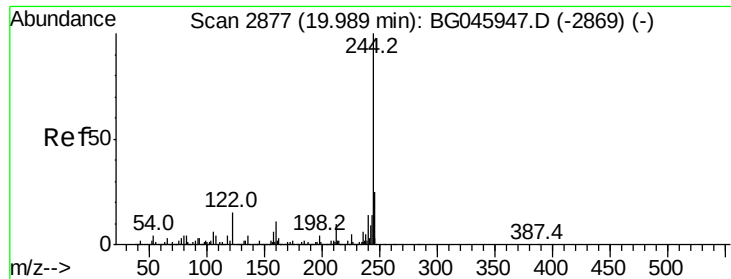


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.209 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG046022.D

Acq: 13 Jul 2020 14:35

Instrument :

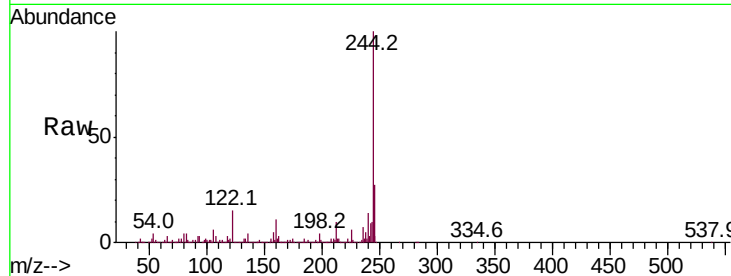
BNA_G

ClientSampleId :

PB130142TB

Tot Ion:244 Resp: 2536976

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.3	12.5
122	14.9	12.1	18.1

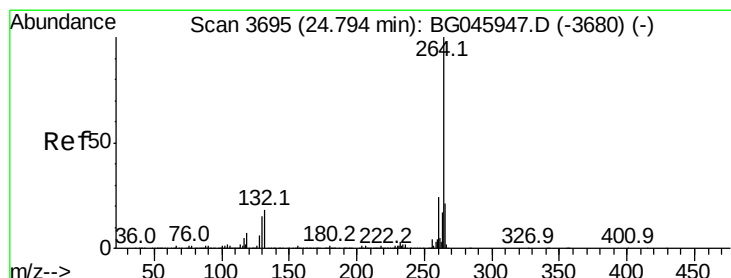
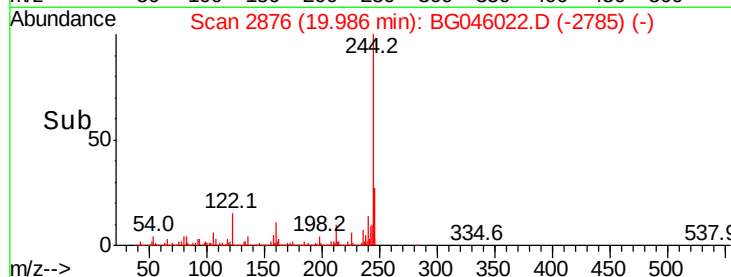
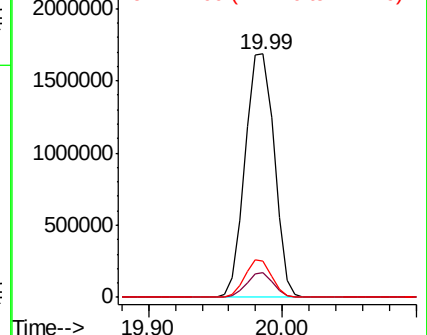


Abundance

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# 3692

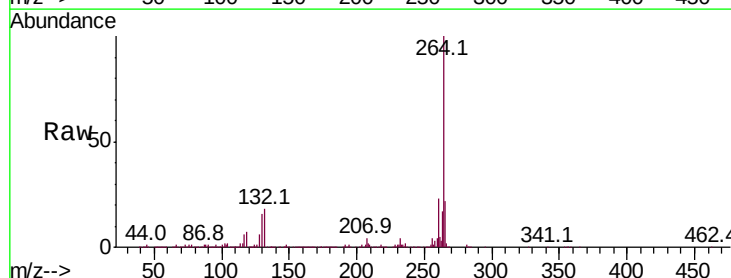
Delta R.T. -0.00 min

Lab File: BG046022.D

Acq: 13 Jul 2020 14:35

Tgt Ion:264 Resp: 669991

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.1	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

