

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071320\
 Data File : BG046025.D
 Acq On : 13 Jul 2020 16:36
 Operator : CG/JU
 Sample : PB130129BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BL

Quant Time: Jul 13 18:17:54 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	150193	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	593191	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	366765	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	784116	20.00	ng	0.00
76) Chrysene-d12	21.62	240	690957	20.00	ng	0.00
86) Perylene-d12	24.78	264	677054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	848986	91.67	ng	0.00
7) Phenol-d6	7.17	99	1187079	89.03	ng	0.00
23) Nitrobenzene-d5	9.16	82	1060903	102.94	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	317138	93.17	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1950064	82.93	ng	0.00
79) Terphenyl-d14	19.98	244	2594900	83.58	ng	0.00

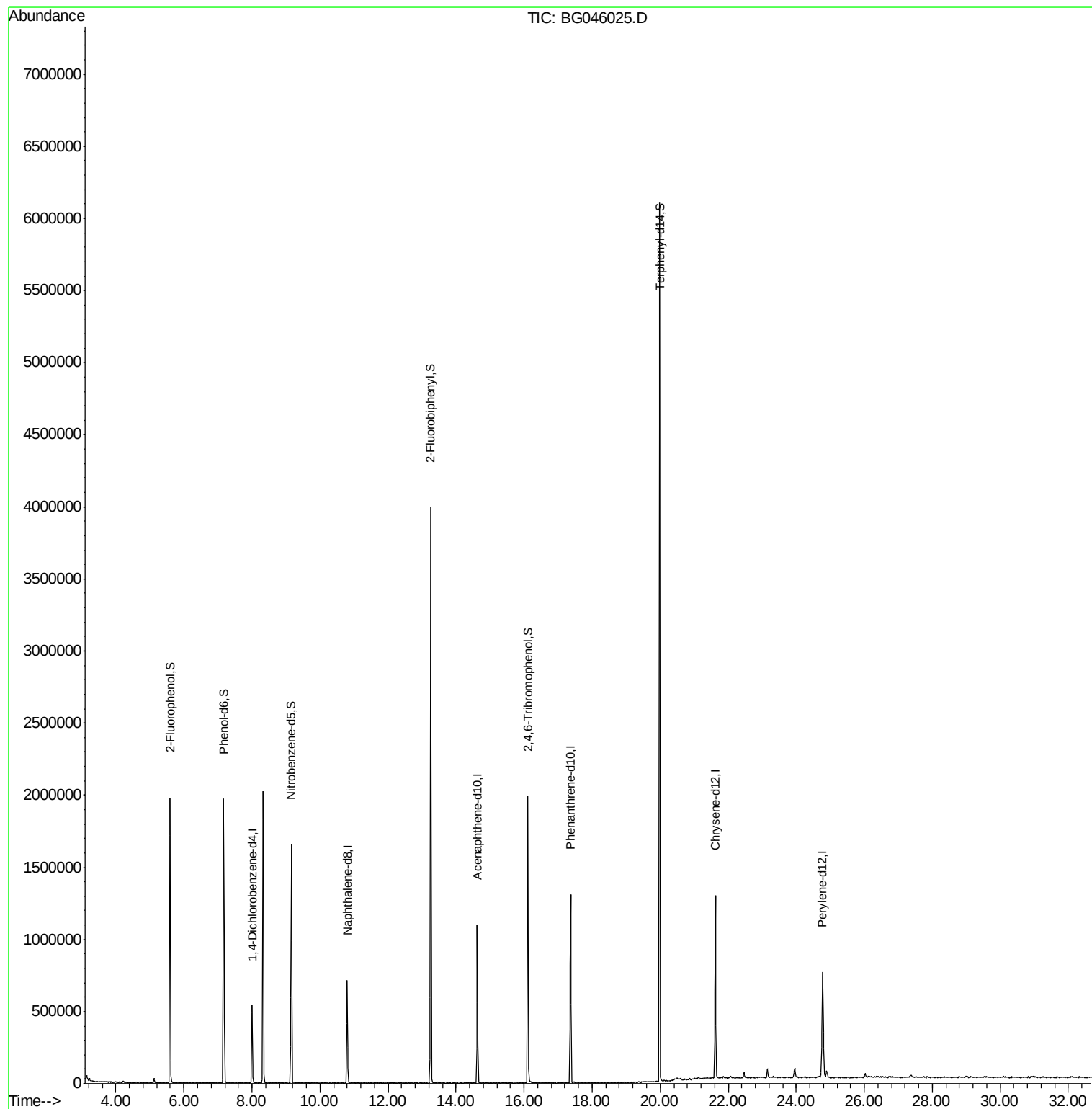
Target Compounds Qvalue

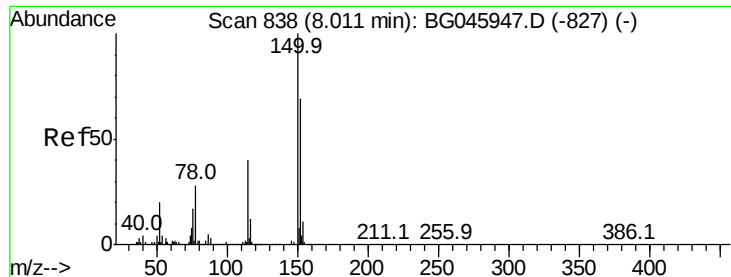
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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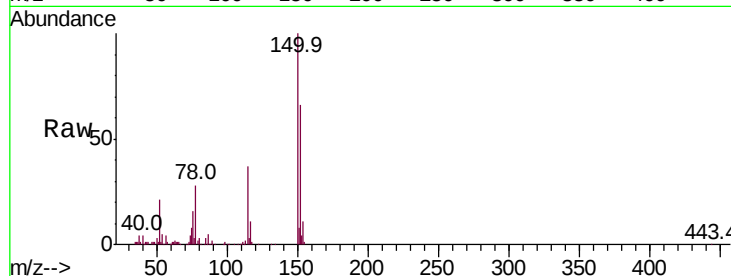


#1

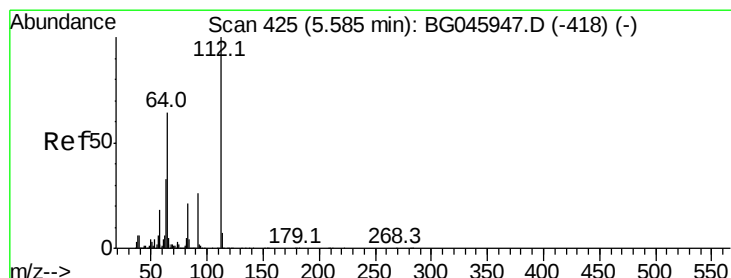
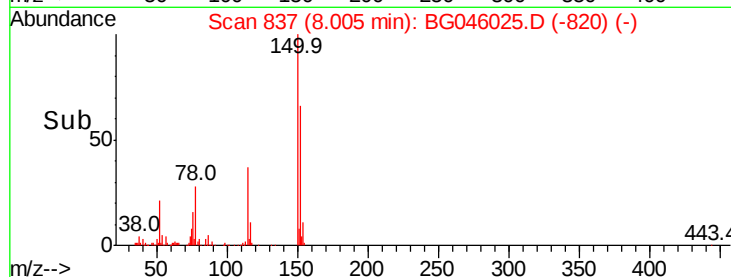
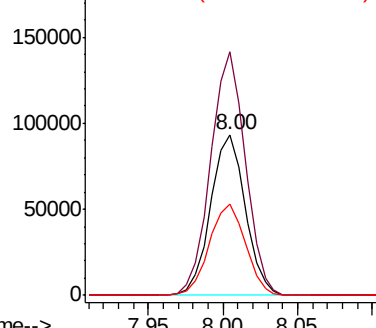
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046025.D
Acq: 13 Jul 2020 16:36

Instrument :
BNA_G
ClientSampleId :
PB130129BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	116.7	175.1
115	56.6	47.4	71.0



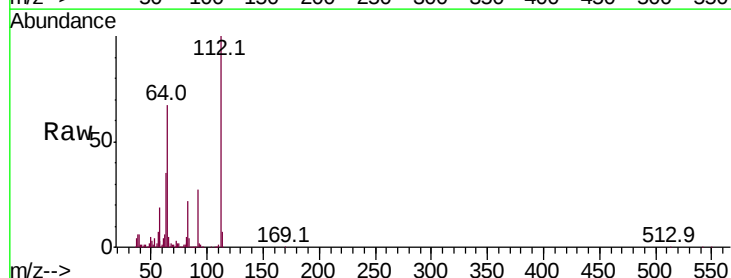
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



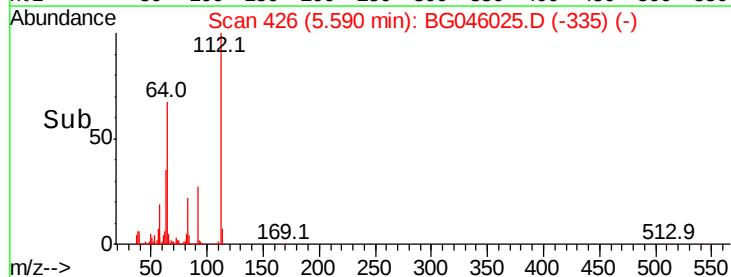
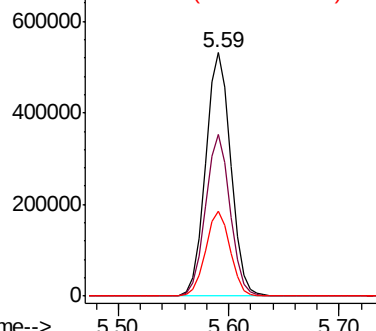
#5

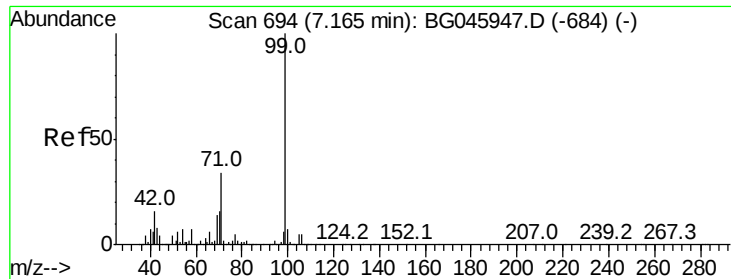
2-Fluorophenol
Concen: 91.667 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG046025.D
Acq: 13 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	51.4	77.2
63	34.9	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: 89.026 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046025.D

Acq: 13 Jul 2020 16:36

Instrument :

BNA_G

ClientSampleId :

PB130129BL

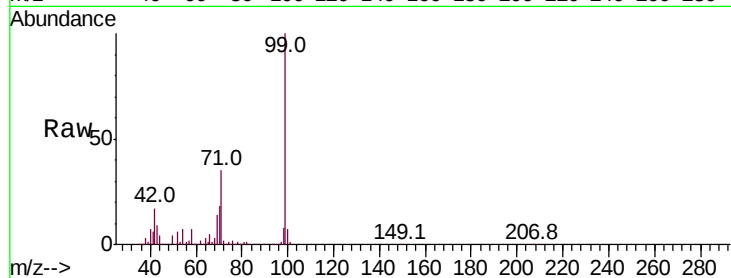
Tot Ion: 99 Resp: 1187079

Ion Ratio Lower Upper

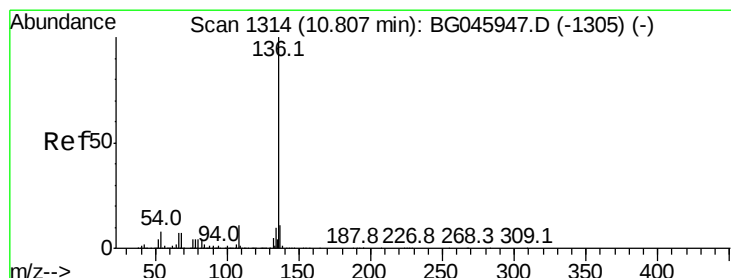
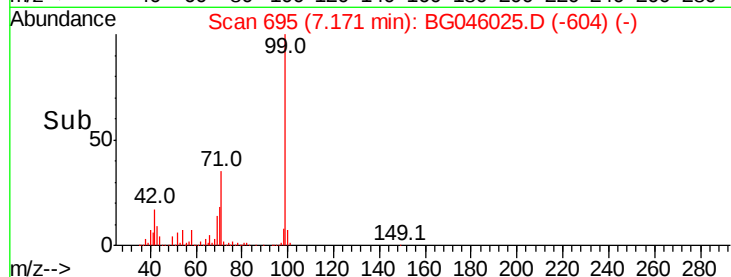
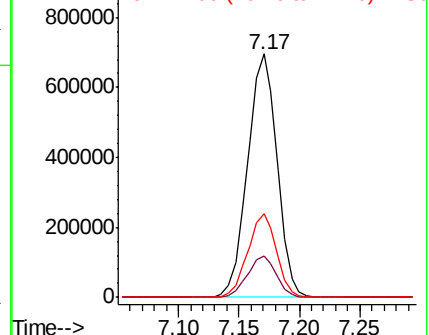
99 100

42 17.2 13.0 19.4

71 34.5 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: BG046025.D

Acq: 13 Jul 2020 16:36

Tgt Ion: 136 Resp: 593191

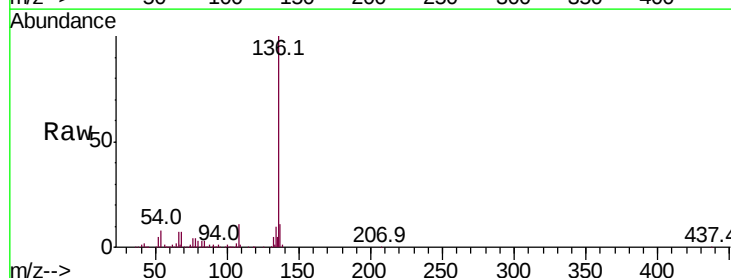
Ion Ratio Lower Upper

136 100

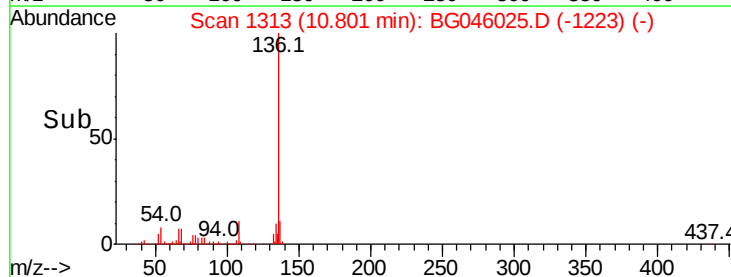
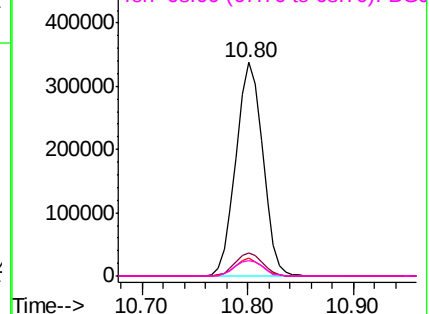
137 10.8 9.2 13.8

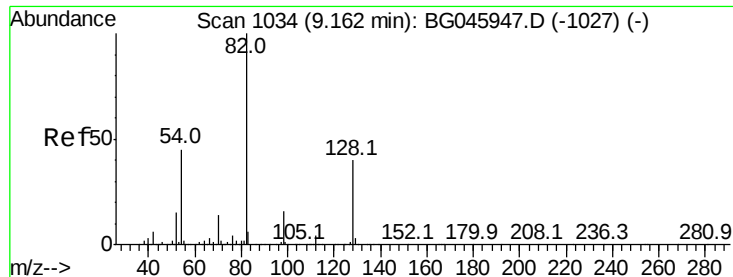
54 8.4 6.2 9.4

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

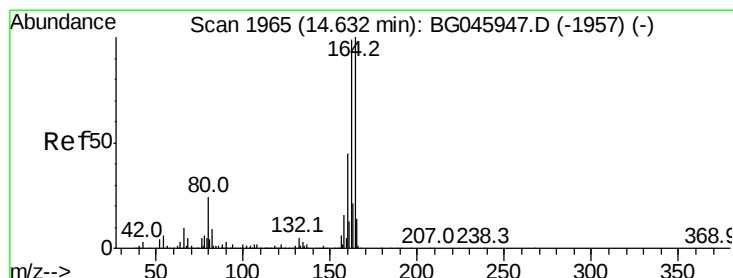
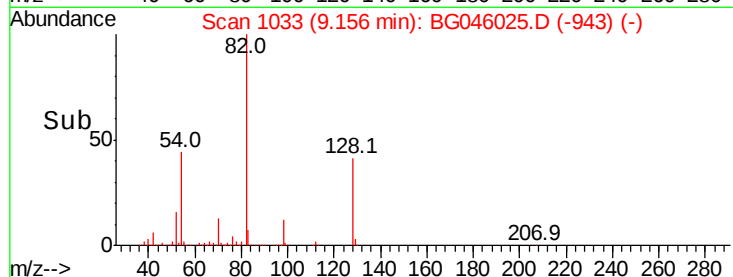
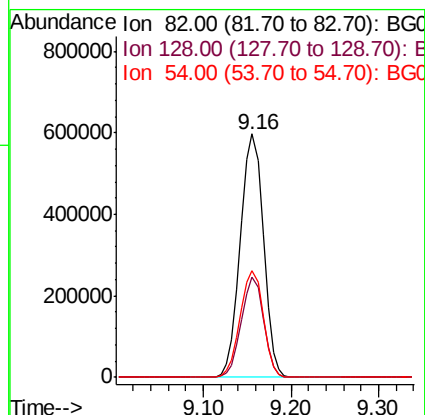
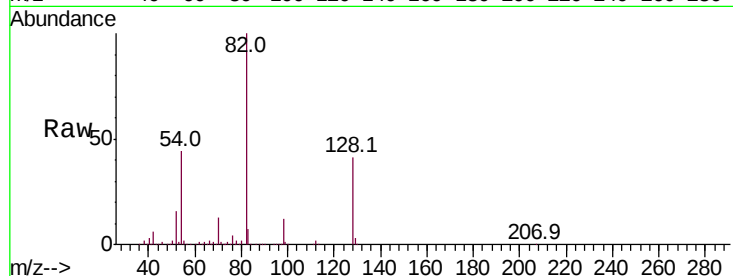




#23
Nitrobenzene-d5
Concen: 102.940 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG046025.D
Acq: 13 Jul 2020 16:36

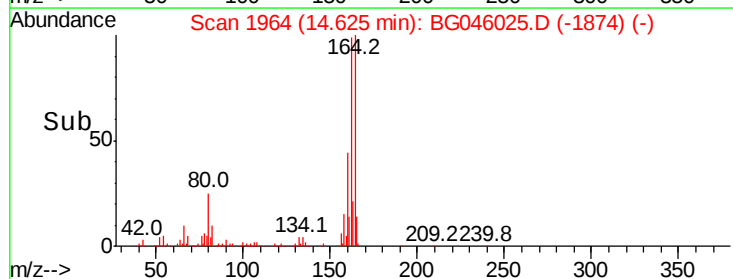
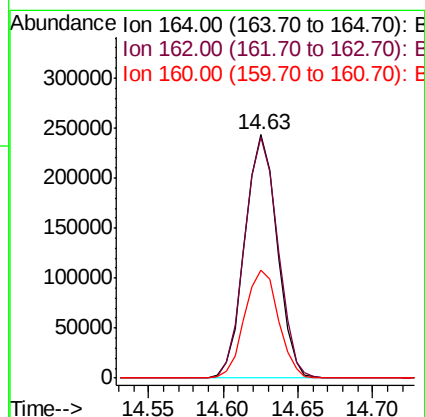
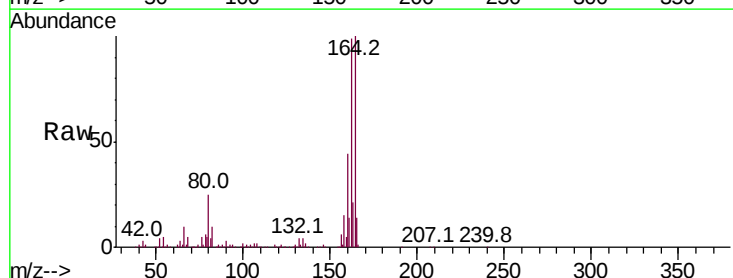
Instrument :
BNA_G
ClientSampleId :
PB130129BL

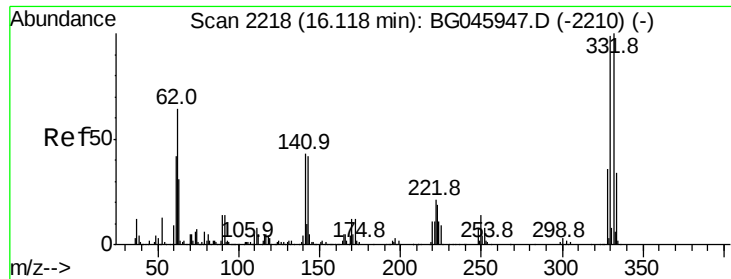
Tot Ion	82	Resp	1060903
Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.2	48.4
54	43.6	35.8	53.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG046025.D
Acq: 13 Jul 2020 16:36

Tgt Ion	164	Resp	366765
Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.3	118.9
160	44.4	35.7	53.5

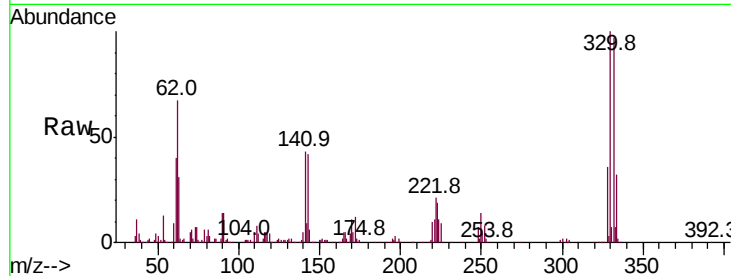




#42
2,4,6-Tribromophenol
Concen: 93.167 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG046025.D
Acq: 13 Jul 2020 16:36

Instrument :
BNA_G
ClientSampleId :
PB130129BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.3	117.5
141	46.1	36.6	54.8

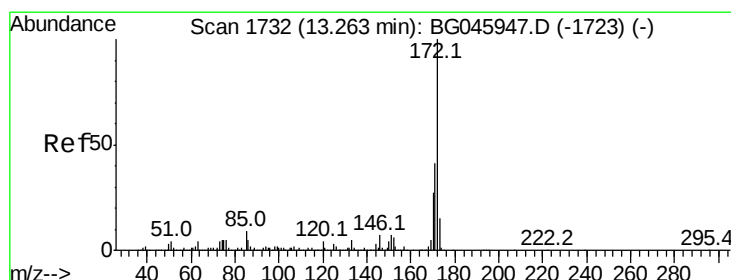
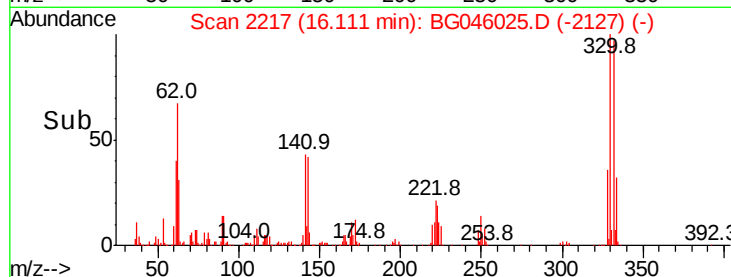
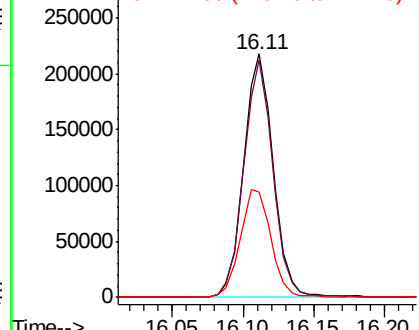


Abundance

Ion 329.80 (329.50 to 330.50): E

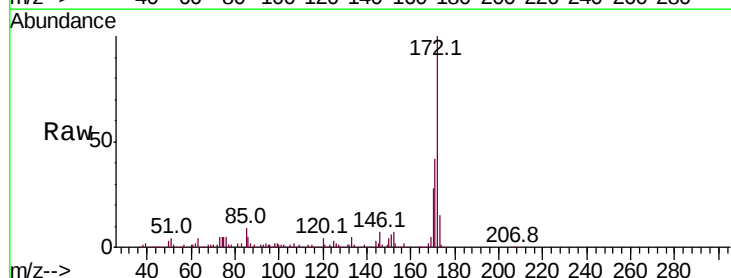
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 82.935 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG046025.D
Acq: 13 Jul 2020 16:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.6	32.9	49.3
170	27.7	21.8	32.6

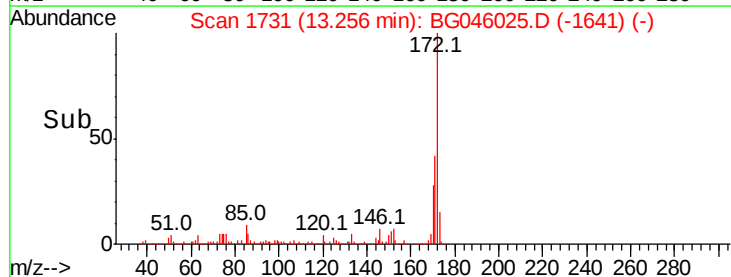
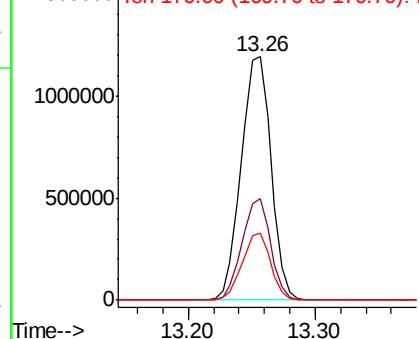


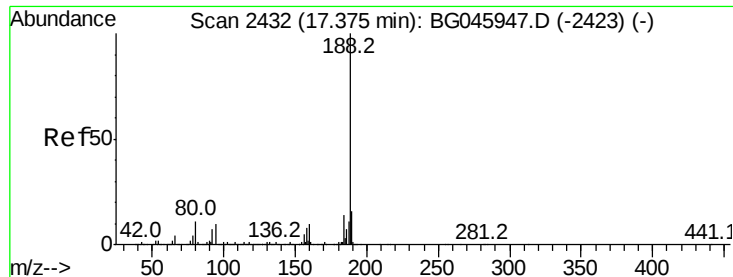
Abundance

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# 2431

Delta R.T. -0.00 min

Lab File: BG046025.D

Acq: 13 Jul 2020 16:36

Instrument :

BNA_G

ClientSampleId :

PB130129BL

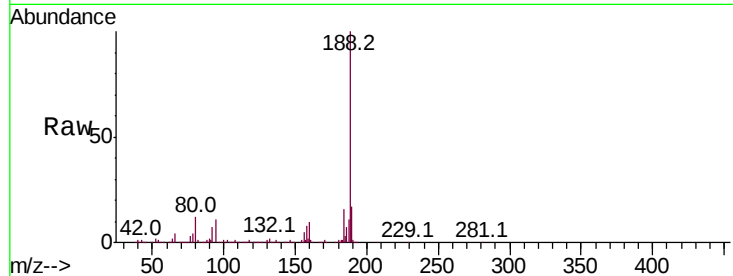
Tot Ion:188 Resp: 784116

Ion Ratio Lower Upper

188 100

94 11.0 8.2 12.4

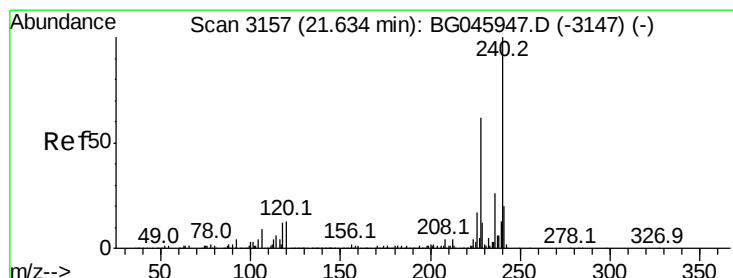
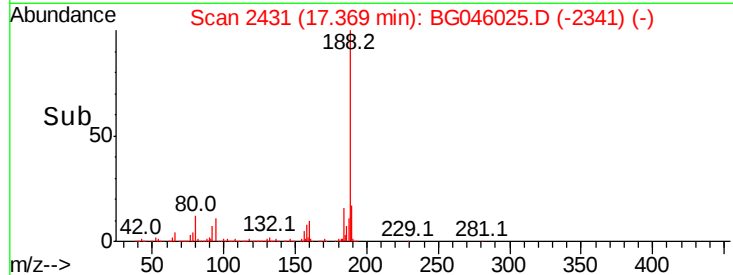
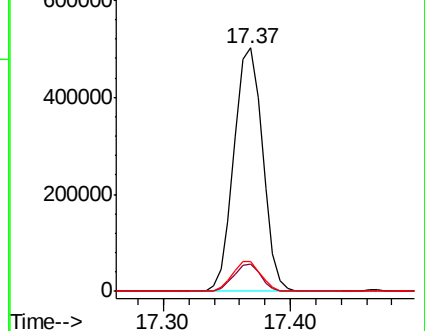
80 12.1 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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. -0.01 min

Lab File: BG046025.D

Acq: 13 Jul 2020 16:36

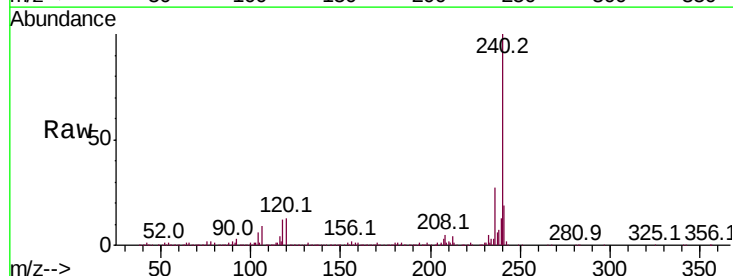
Tgt Ion:240 Resp: 690957

Ion Ratio Lower Upper

240 100

120 12.6 10.6 16.0

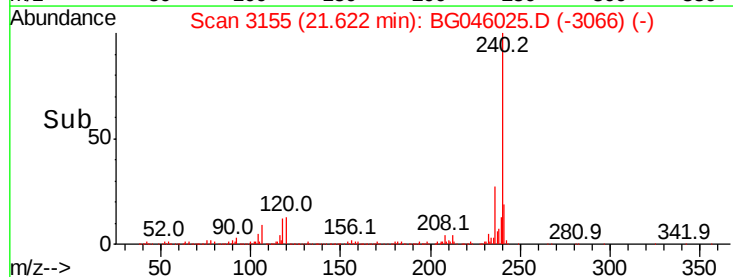
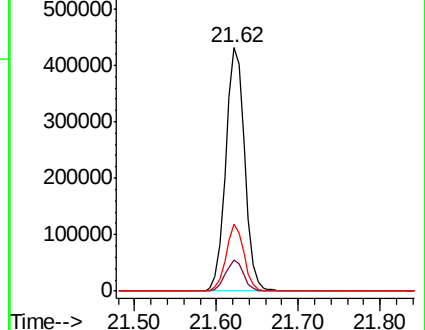
236 27.3 20.4 30.6

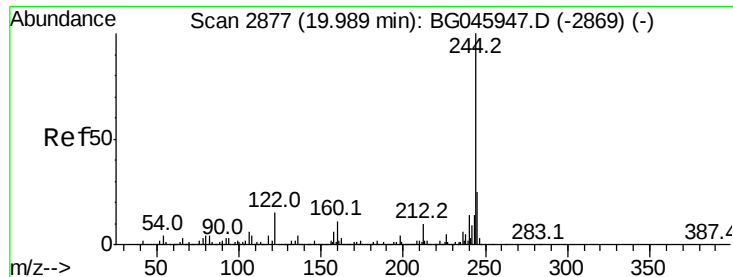


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.580 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046025.D

Acq: 13 Jul 2020 16:36

Instrument :

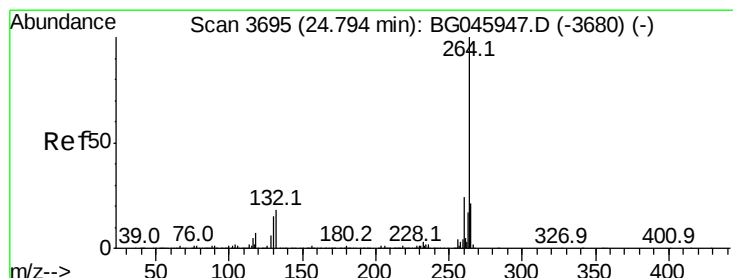
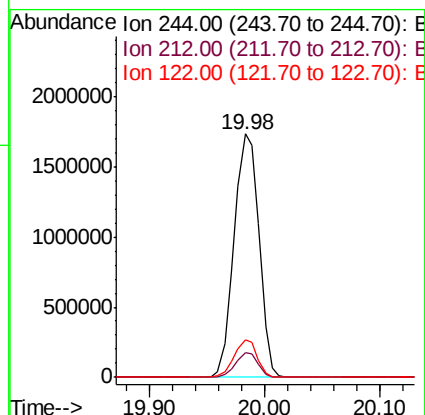
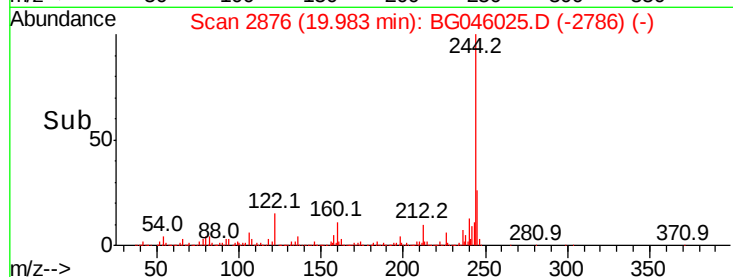
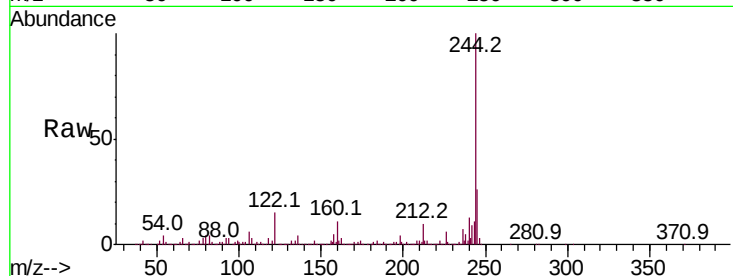
BNA_G

ClientSampleId :

PB130129BL

Tot Ion:244 Resp: 2594900

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.3	12.5
122	15.5	12.1	18.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG046025.D

Acq: 13 Jul 2020 16:36

Tgt Ion:264 Resp: 677054

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	23.5	16.9	25.3

