

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046035.D
 Acq On : 14 Jul 2020 16:26
 Operator : CG/JU
 Sample : L3283-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP

Quant Time: Jul 14 17:10:42 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

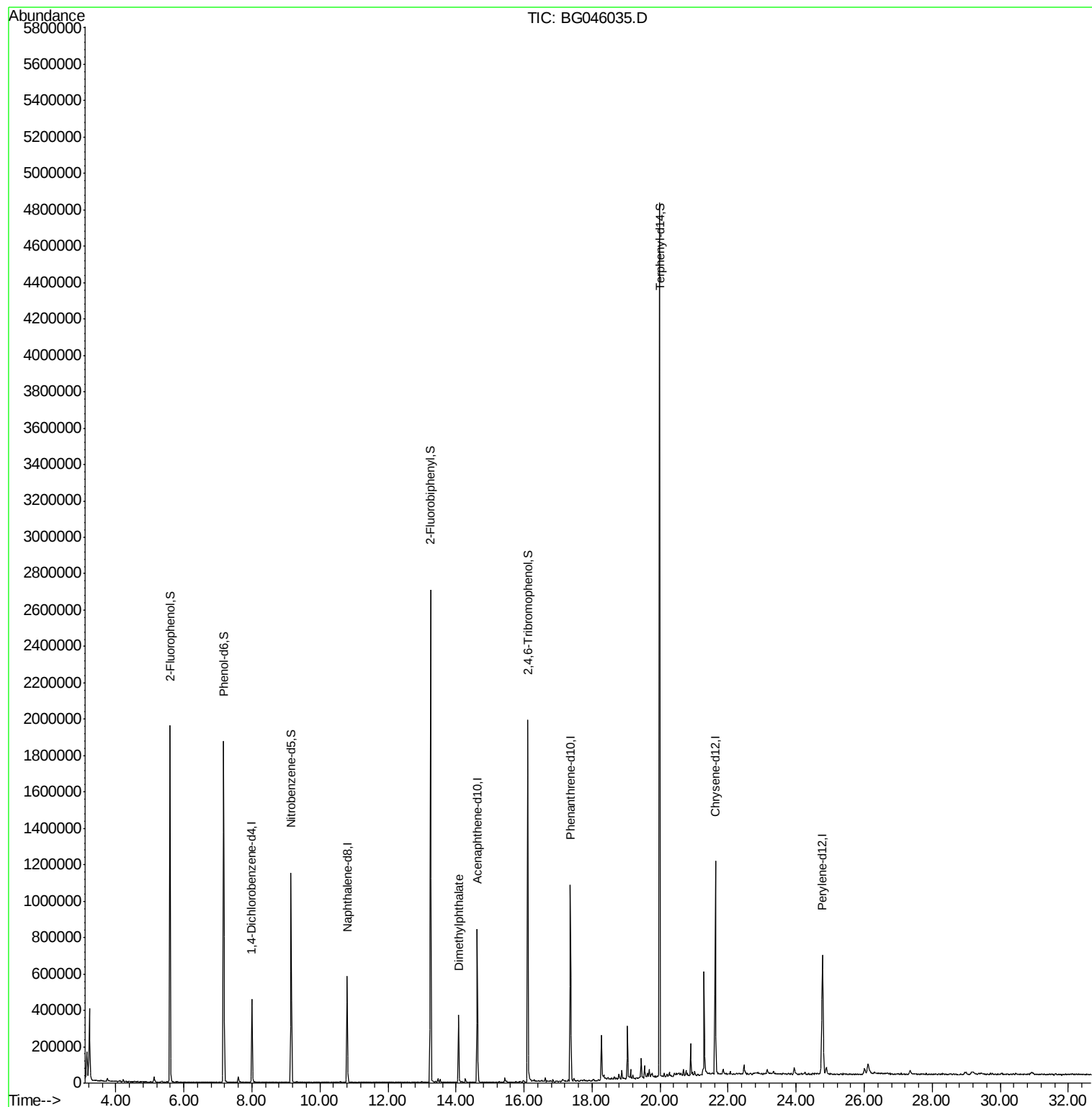
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	128339	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	504341	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	291653	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	639451	20.00	ng	0.00
76) Chrysene-d12	21.62	240	650962	20.00	ng	0.00
86) Perylene-d12	24.77	264	637356	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	853151	107.80	ng	0.00
7) Phenol-d6	7.17	99	1158470	101.67	ng	0.00
23) Nitrobenzene-d5	9.15	82	745508	85.08	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	312660	115.51	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1345393	71.95	ng	0.00
79) Terphenyl-d14	19.98	244	1850614	63.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.07	163	230219	10.518	ng	Qvalue 98

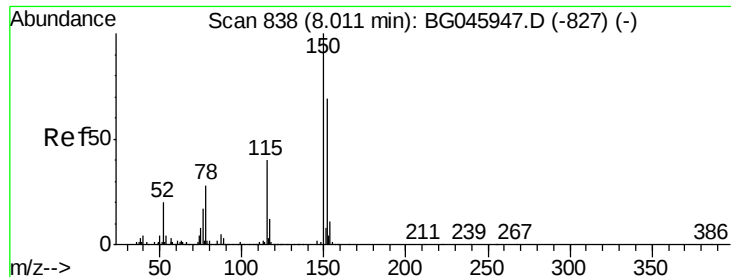
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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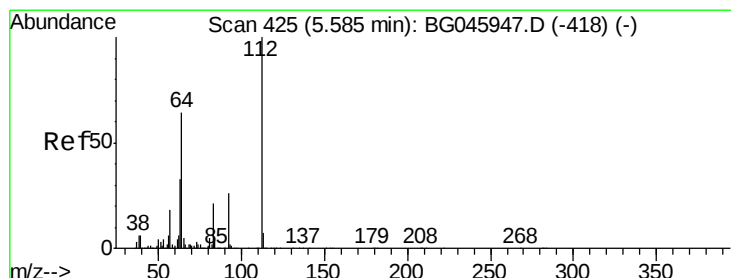
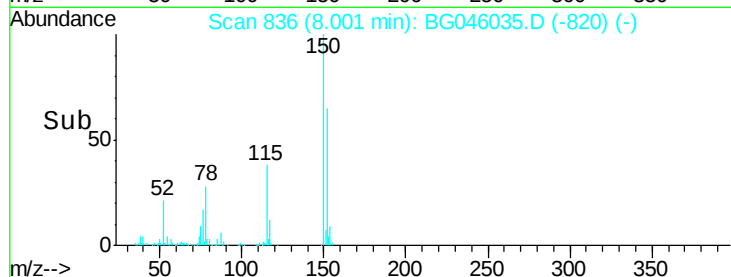
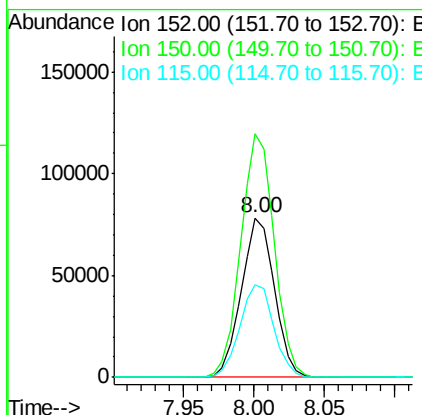
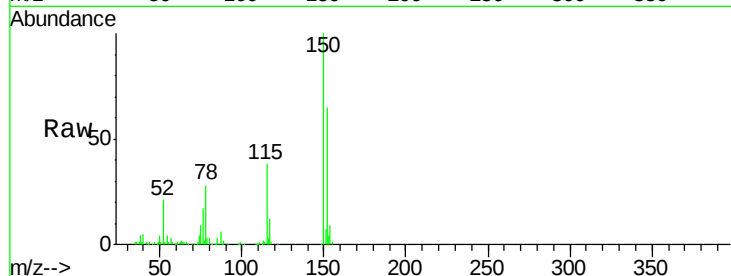


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG046035.D
Acq: 14 Jul 2020 16:26

Instrument :
BNA_G
ClientSampleId :
TP

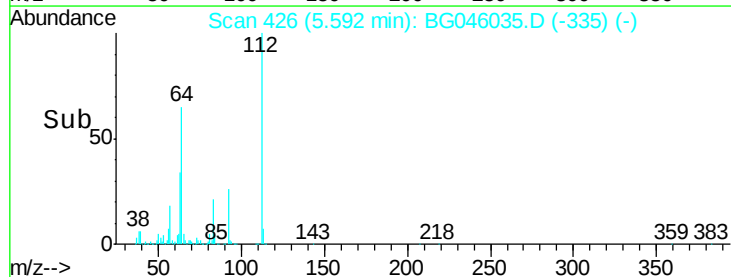
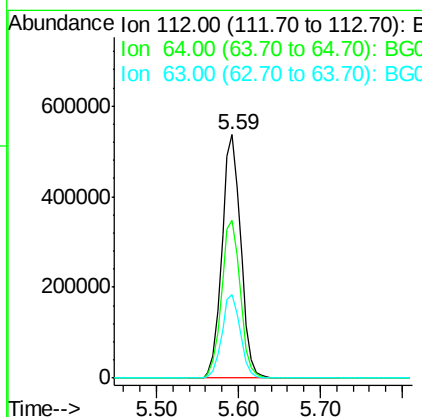
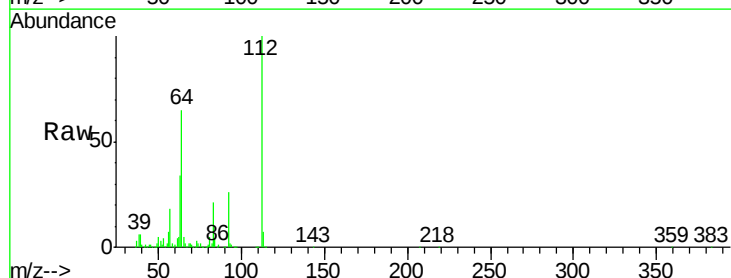
Tot Ion:152 Resp: 128339
Ion Ratio Lower Upper
152 100
150 152.7 116.7 175.1
115 58.0 47.4 71.0

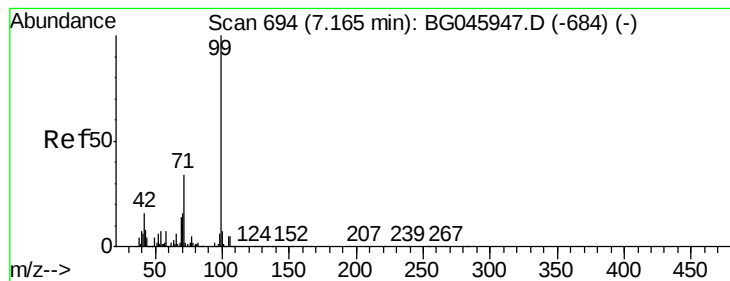


#5

2-Fluorophenol
Concen: 107.802 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.01 min
Lab File: BG046035.D
Acq: 14 Jul 2020 16:26

Tgt Ion:112 Resp: 853151
Ion Ratio Lower Upper
112 100
64 64.9 51.4 77.2
63 34.1 26.6 40.0





#7

Phenol-d6

Concen: 101.675 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046035.D

Acq: 14 Jul 2020 16:26

Instrument :

BNA_G

ClientSampleId :

TP

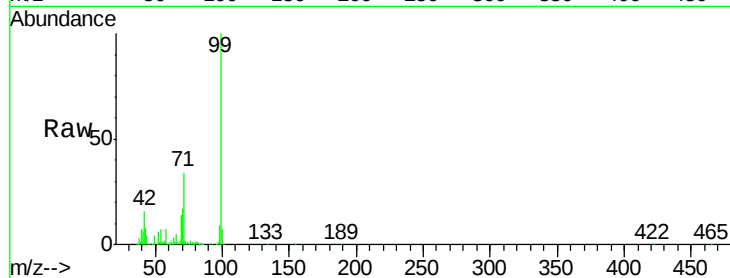
Tot Ion: 99 Resp: 1158470

Ion Ratio Lower Upper

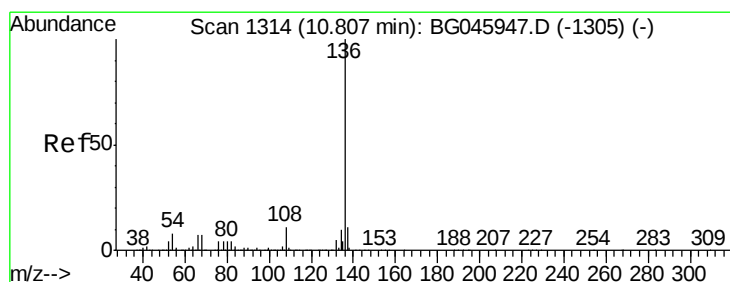
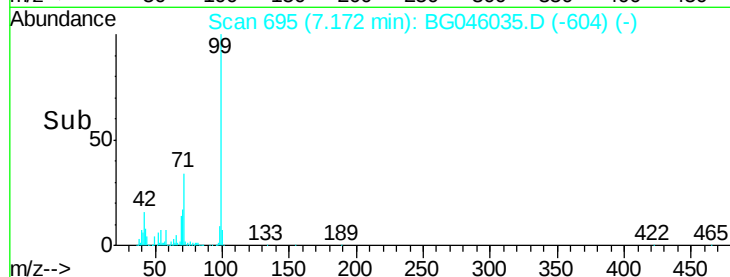
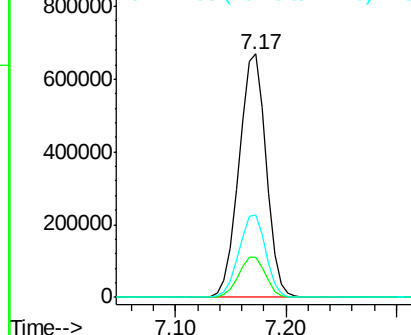
99 100

42 16.3 13.0 19.4

71 33.7 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: BG046035.D

Acq: 14 Jul 2020 16:26

Tgt Ion: 136 Resp: 504341

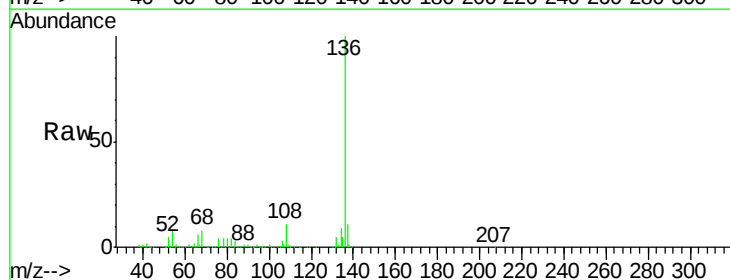
Ion Ratio Lower Upper

136 100

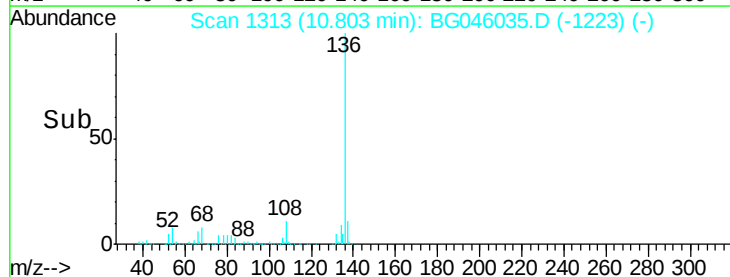
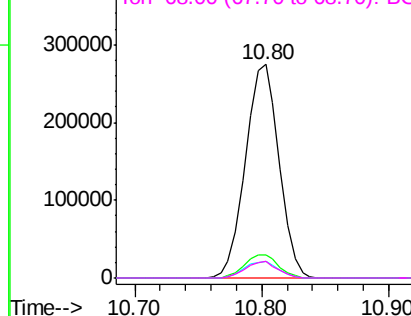
137 11.1 9.2 13.8

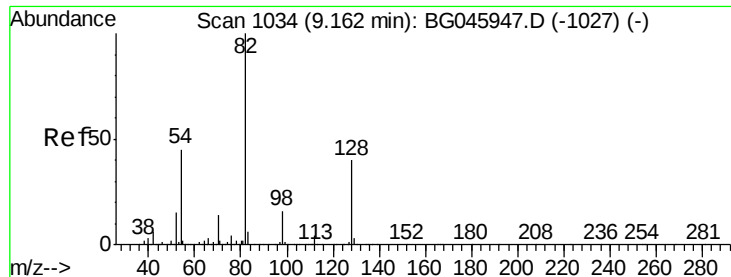
54 8.0 6.2 9.4

68 7.9 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

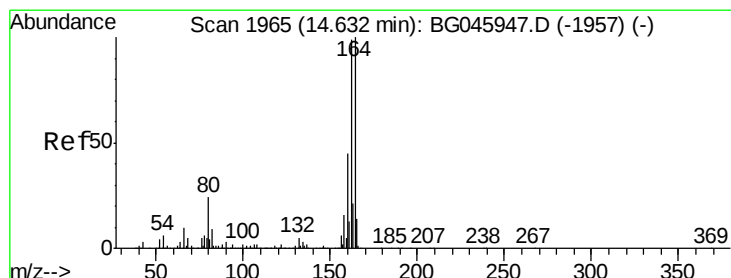
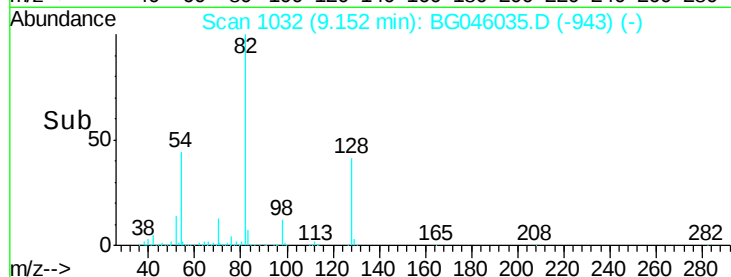
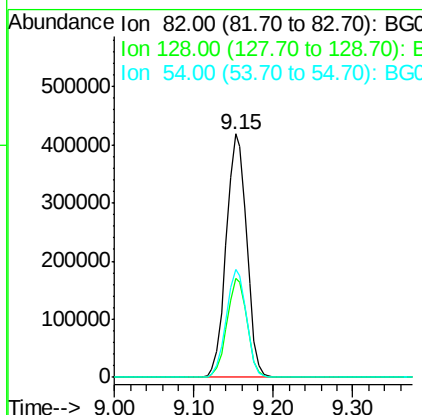
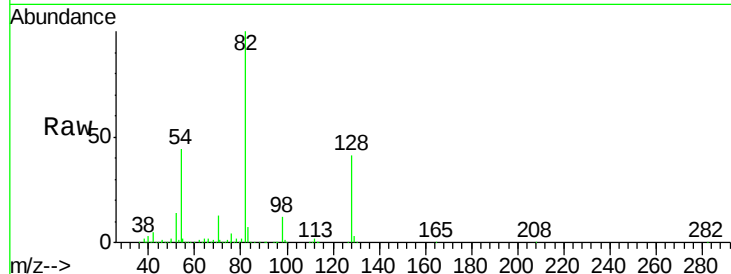




#23
Nitrobenzene-d5
Concen: 85.081 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046035.D
Acq: 14 Jul 2020 16:26

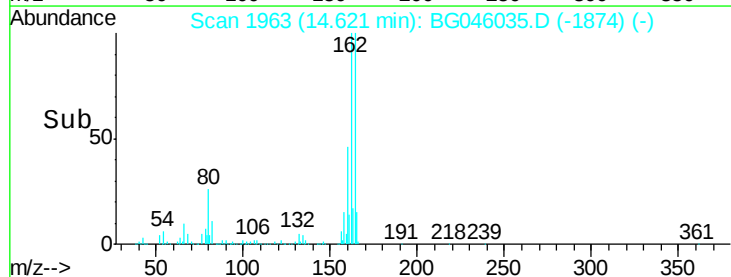
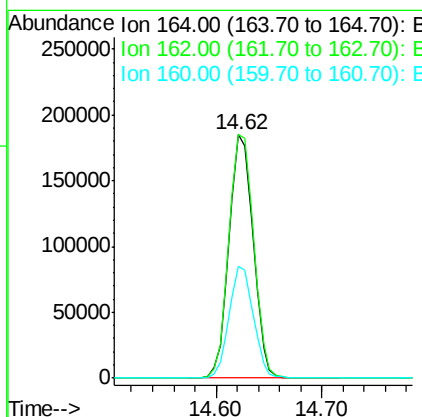
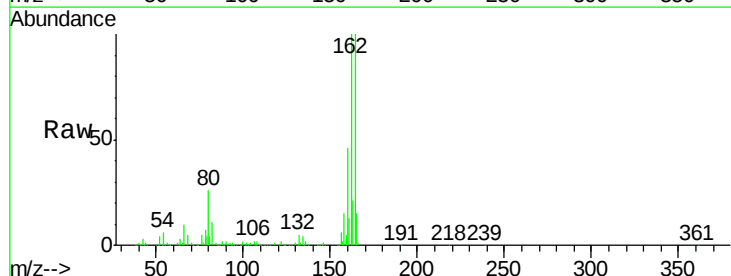
Instrument :
BNA_G
ClientSampled :
TP

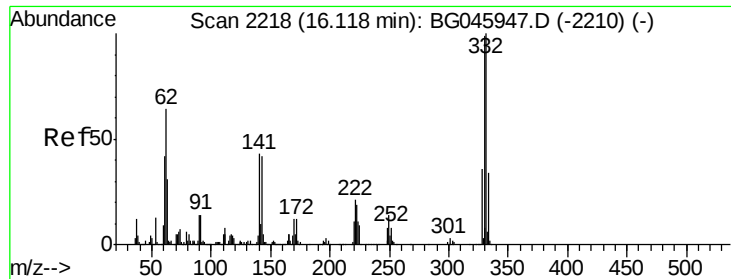
Tot Ion	82	Resp	745508
Ion Ratio	Lower	Upper	
82	100		
128	40.8	32.2	48.4
54	44.1	35.8	53.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG046035.D
Acq: 14 Jul 2020 16:26

Tgt Ion	164	Resp	291653
Ion Ratio	Lower	Upper	
164	100		
162	100.0	79.3	118.9
160	46.0	35.7	53.5

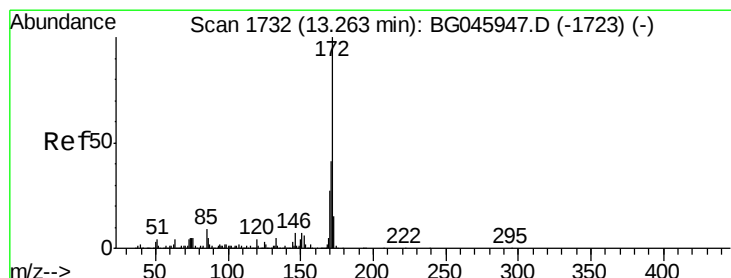
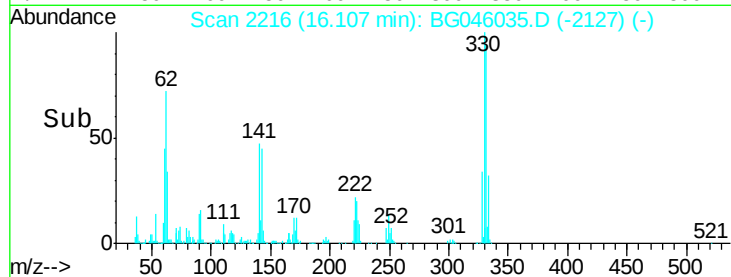
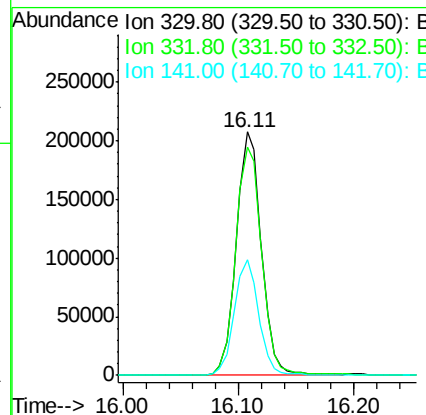
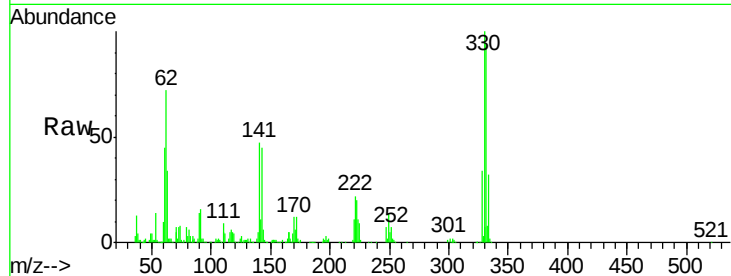




#42
 2,4,6-Tribromophenol
 Concen: 115.507 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG046035.D
 Acq: 14 Jul 2020 16:26

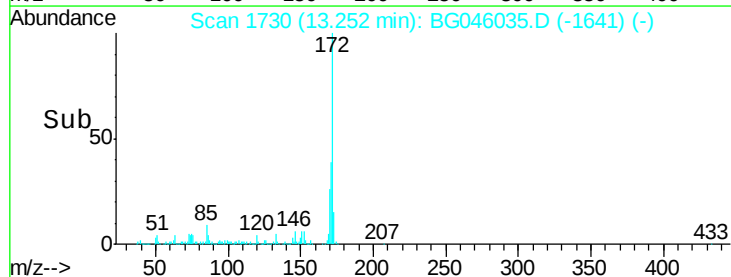
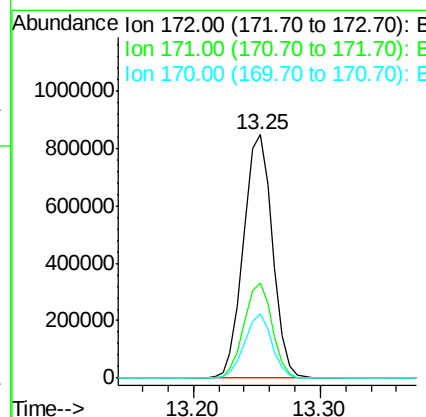
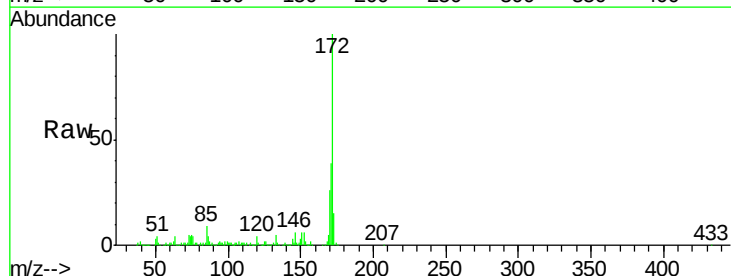
Instrument :
 BNA_G
 ClientSampleId :
 TP

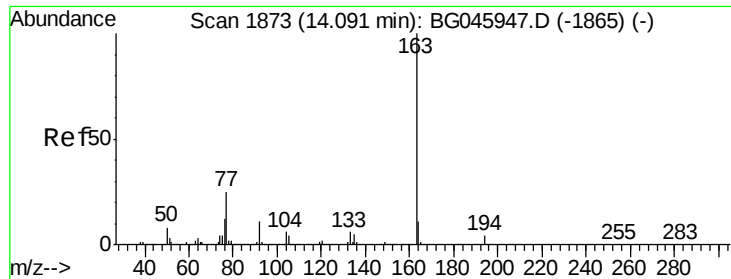
Tot Ion:330 Resp: 312660
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.3 117.5
 141 46.8 36.6 54.8



#45
 2-Fluorobiphenyl
 Concen: 71.955 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG046035.D
 Acq: 14 Jul 2020 16:26

Tgt Ion:172 Resp: 1345393
 Ion Ratio Lower Upper
 172 100
 171 39.2 32.9 49.3
 170 26.2 21.8 32.6

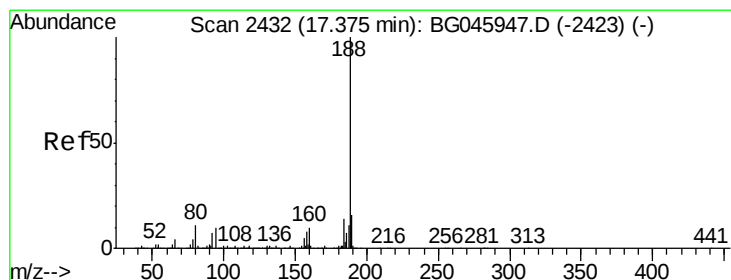
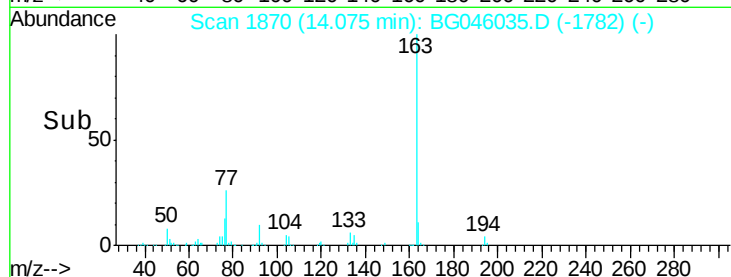
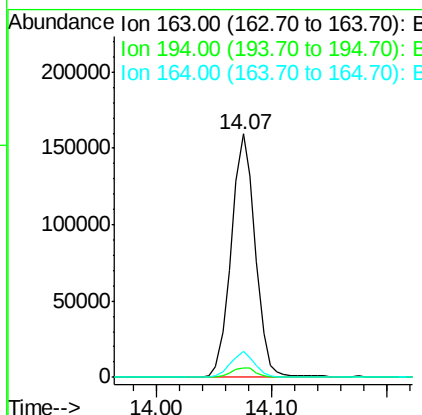
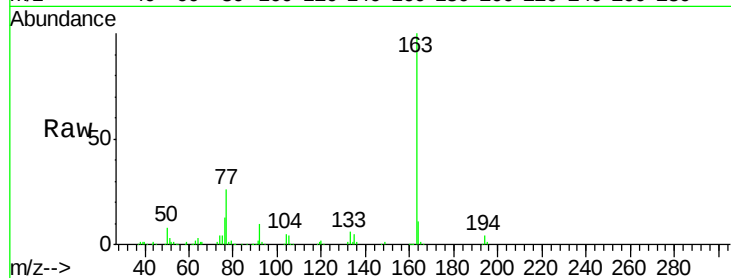




#50
Dimethylphthalate
Concen: 10.518 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG046035.D
Acq: 14 Jul 2020 16:26

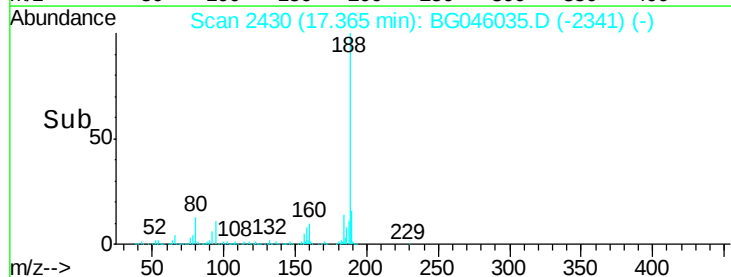
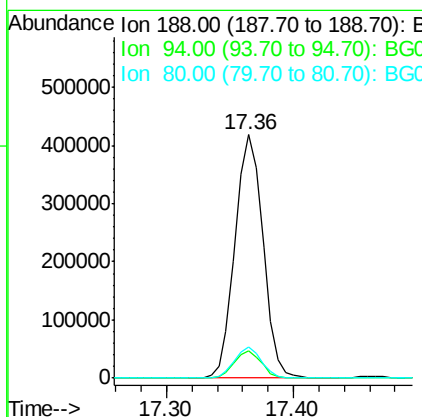
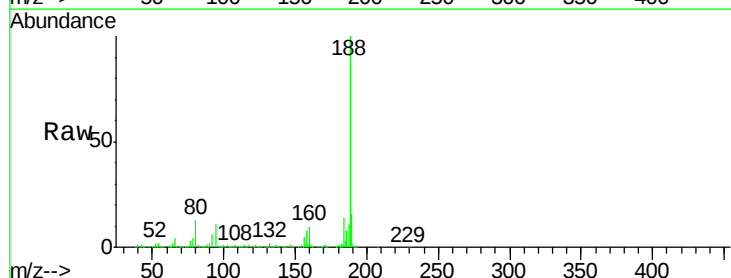
Instrument :
BNA_G
ClientSampleId :
TP

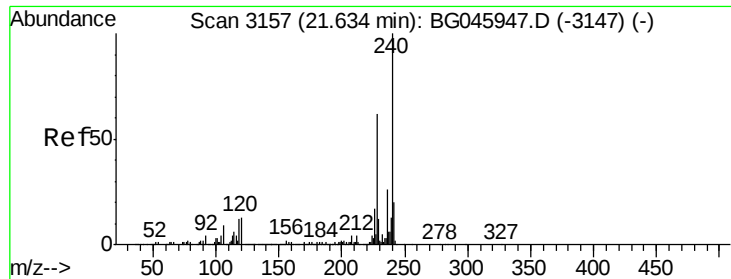
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	10.5	8.9	13.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046035.D
Acq: 14 Jul 2020 16:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.2	12.4
80	12.9	9.0	13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG046035.D

Acq: 14 Jul 2020 16:26

Instrument :

BNA_G

ClientSampleId :

TP

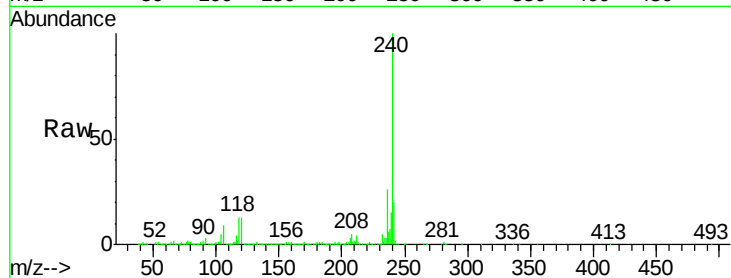
Tot Ion:240 Resp: 650962

Ion Ratio Lower Upper

240 100

120 12.9 10.6 16.0

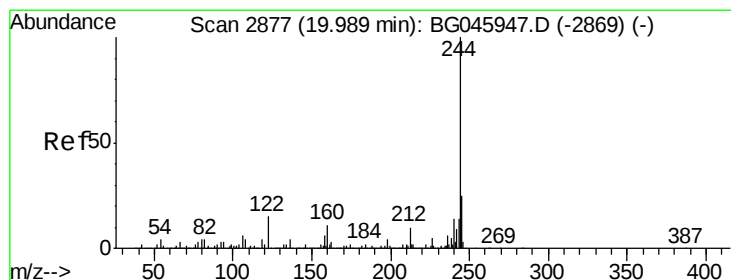
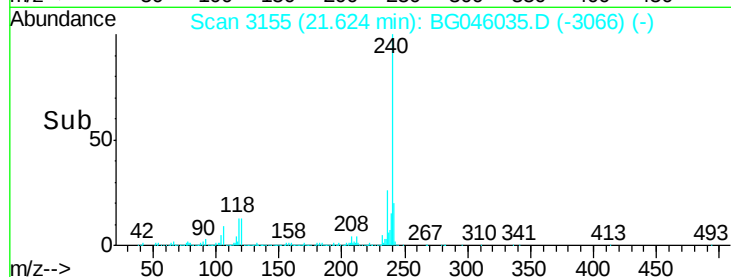
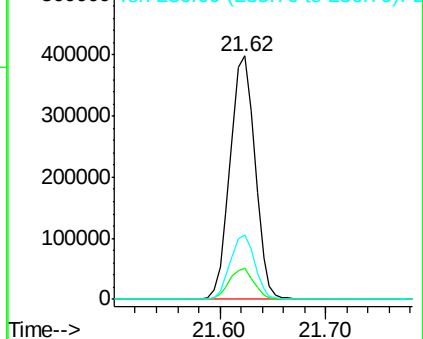
236 26.2 20.4 30.6



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: 63.269 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG046035.D

Acq: 14 Jul 2020 16:26

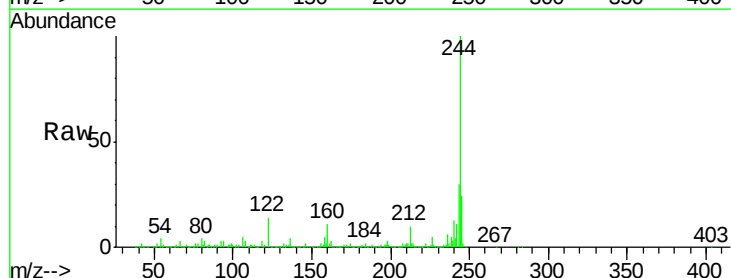
Tgt Ion:244 Resp: 1850614

Ion Ratio Lower Upper

244 100

212 9.6 8.3 12.5

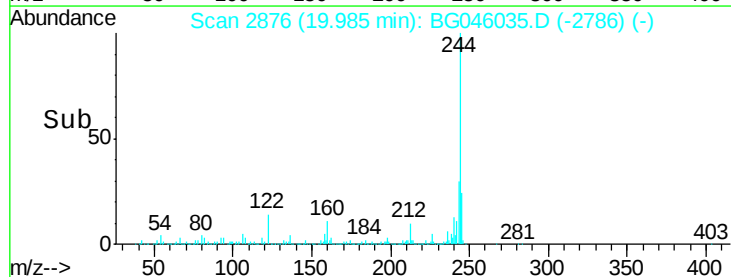
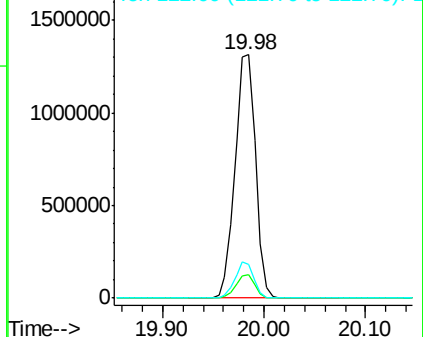
122 13.7 12.1 18.1

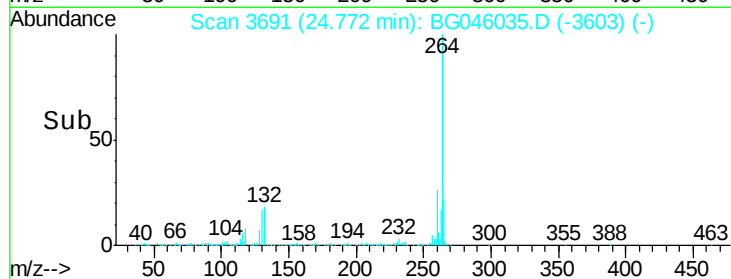
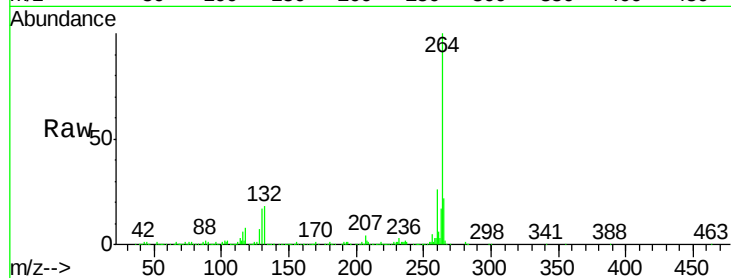
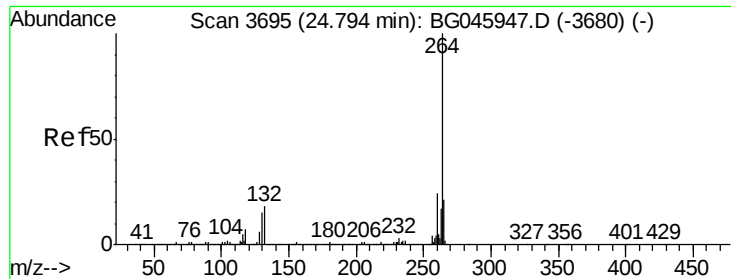


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG046035.D
Acq: 14 Jul 2020 16:26

Instrument :
BNA_G
ClientSampleId :
TP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.0	28.6
265	22.4	16.9	25.3

