

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046046.D
 Acq On : 14 Jul 2020 23:51
 Operator : CG/JU
 Sample : L3283-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-2

Quant Time: Jul 15 01:25:02 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

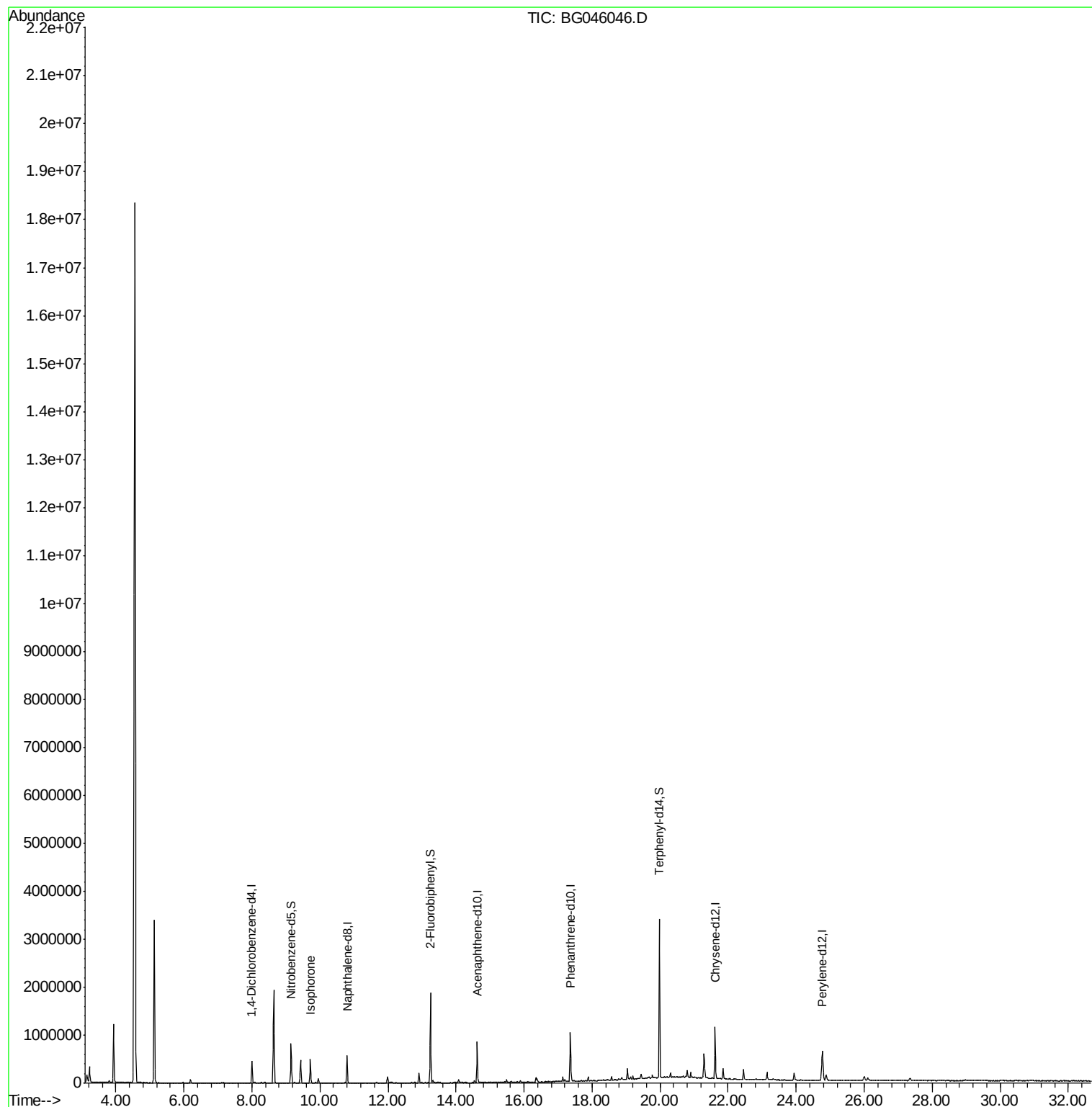
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	125826	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	488830	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	291532	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	621549	20.00	ng	0.00
76) Chrysene-d12	21.62	240	596563	20.00	ng	0.00
86) Perylene-d12	24.77	264	603131	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	732	0.09	ng	0.01
7) Phenol-d6	7.17	99	4422	0.40	ng	0.00
23) Nitrobenzene-d5	9.15	82	510228	60.08	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	72	0.03	ng	0.13
45) 2-Fluorobiphenyl	13.25	172	975857	52.21	ng	0.00
79) Terphenyl-d14	19.98	244	1274676	47.55	ng	0.00
Target Compounds						
25) Isophorone	9.72	82	392715	18.942	ng	Qvalue 99

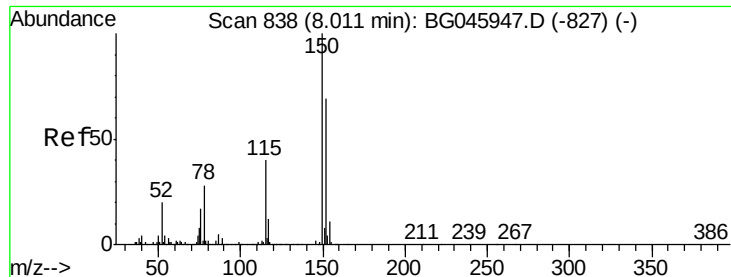
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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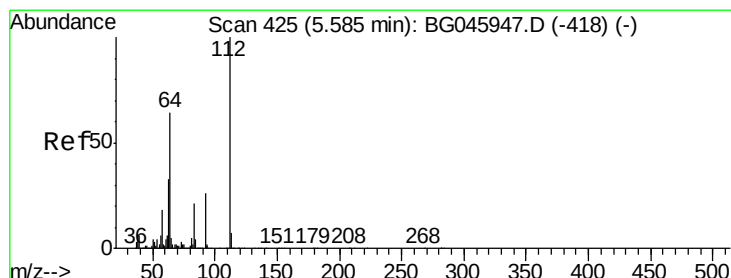
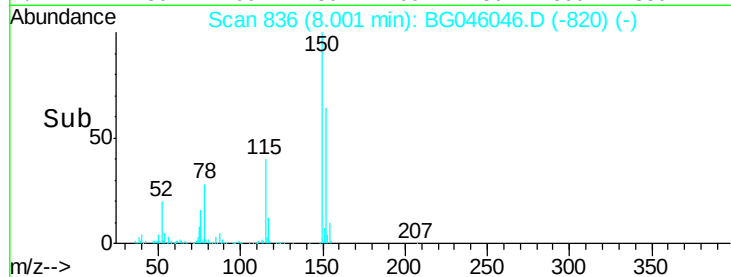
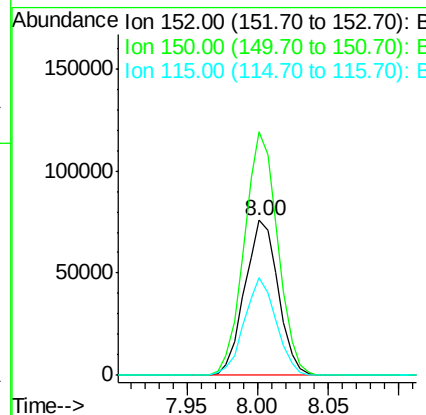
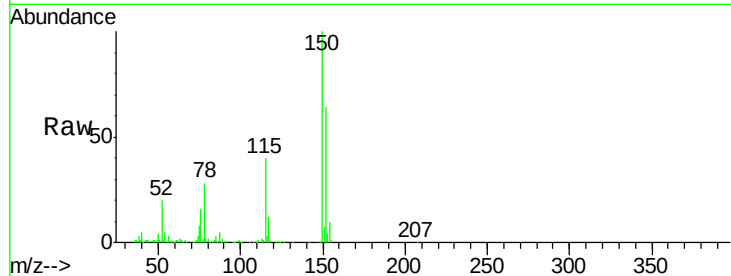


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG046046.D
Acq: 14 Jul 2020 23:51

Instrument :
BNA_G
ClientSampleId :
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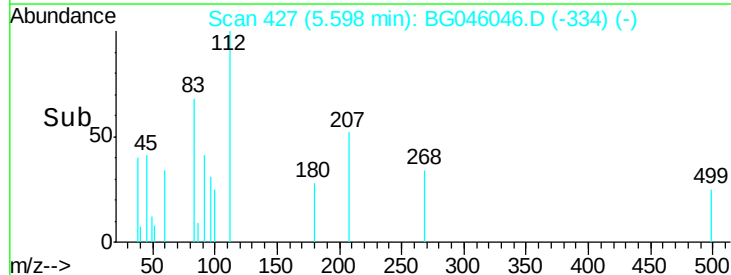
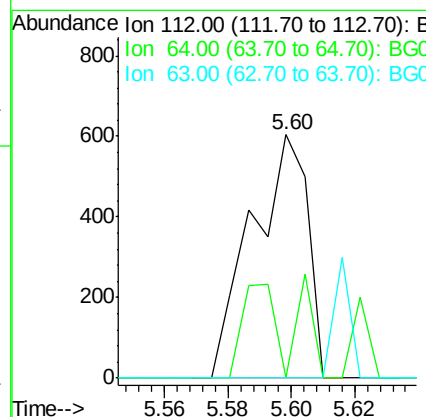
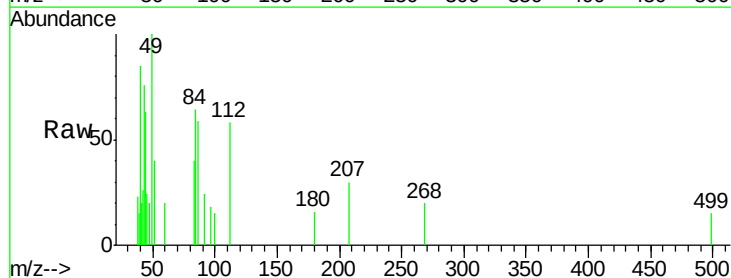
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	116.7	175.1
115	62.8	47.4	71.0

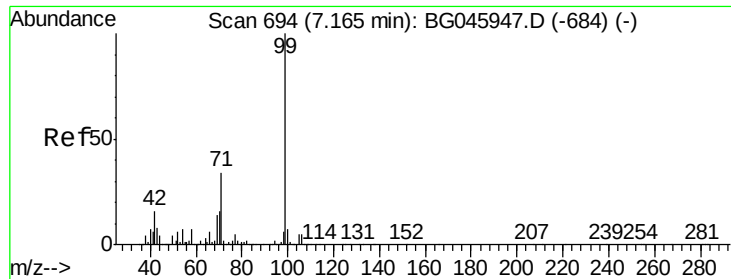


#5

2-Fluorophenol
Concen: 0.094 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG046046.D
Acq: 14 Jul 2020 23:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	51.4	77.2#
63	0.0	26.6	40.0#





#7

Phenol-d6

Concen: 0.396 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046046.D

Acq: 14 Jul 2020 23:51

Instrument :

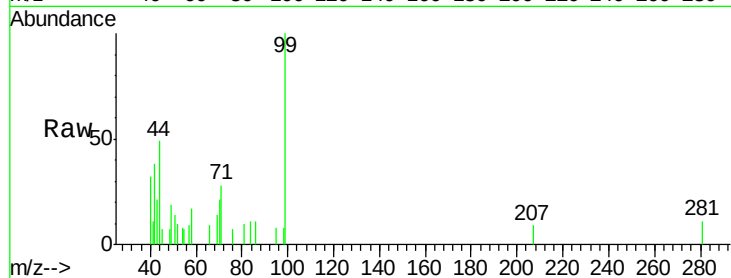
BNA_G

ClientSampleId :

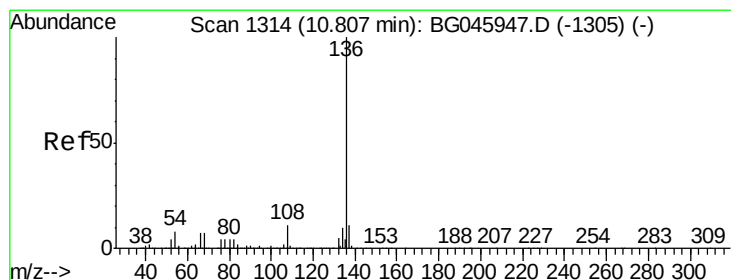
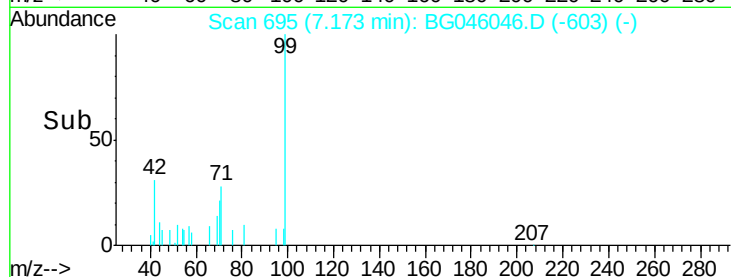
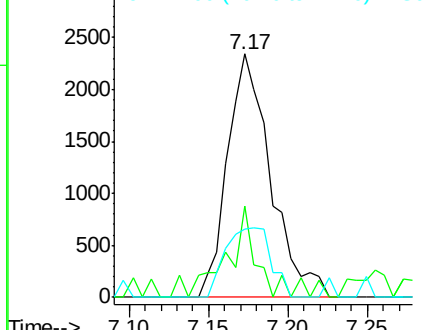
T-2

Tot Ion: 99 Resp: 4422

Ion	Ratio	Lower	Upper
99	100		
42	37.6	13.0	19.4#
71	28.0	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# 1312

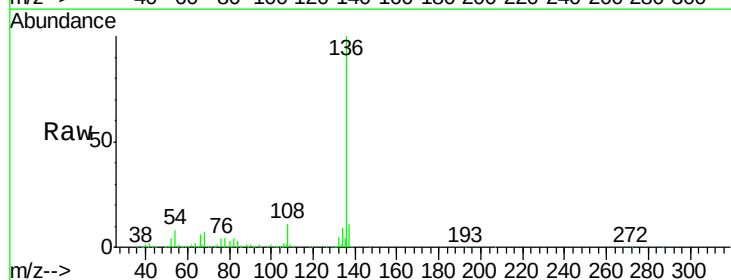
Delta R.T. -0.00 min

Lab File: BG046046.D

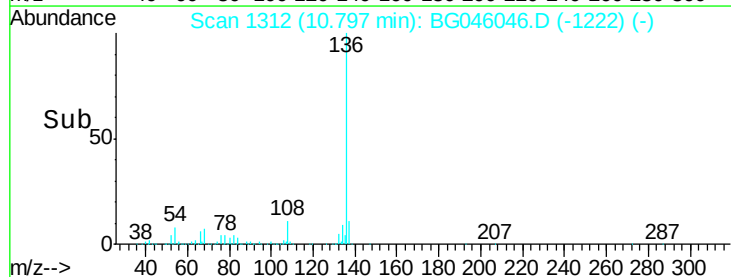
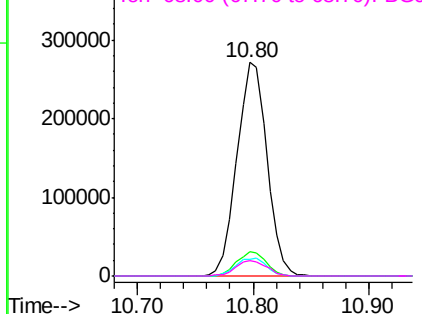
Acq: 14 Jul 2020 23:51

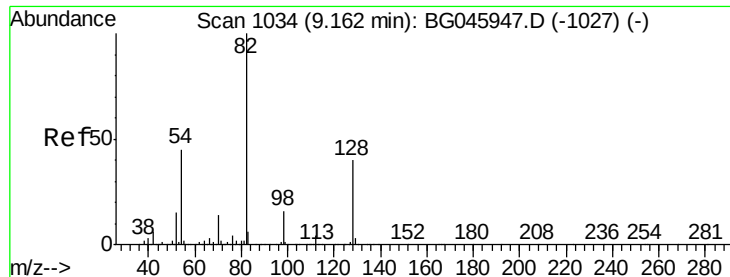
Tgt Ion: 136 Resp: 488830

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.1	6.2	9.4
68	7.3	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

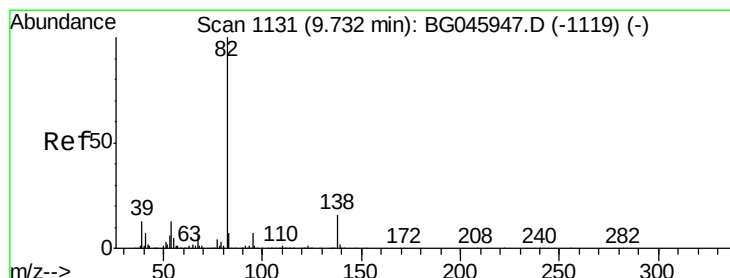
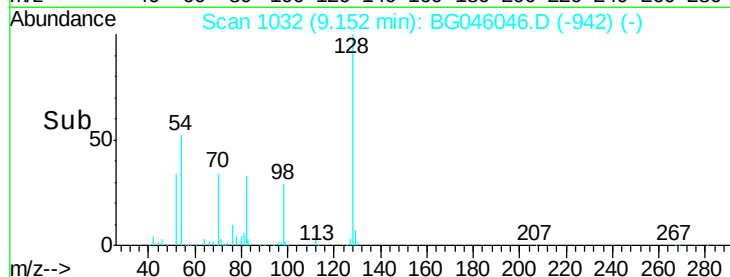
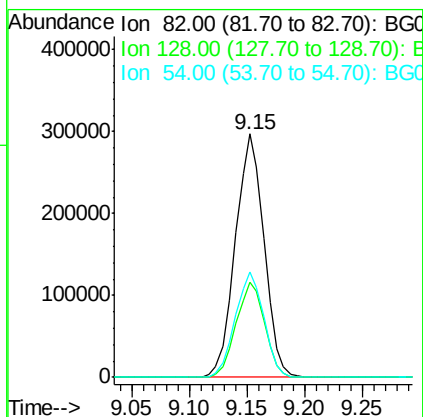
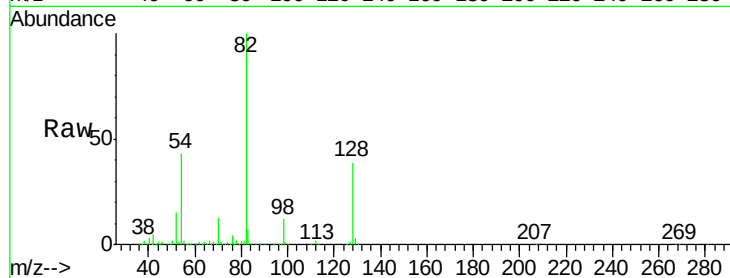




#23
Nitrobenzene-d5
Concen: 60.077 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046046.D
Acq: 14 Jul 2020 23:51

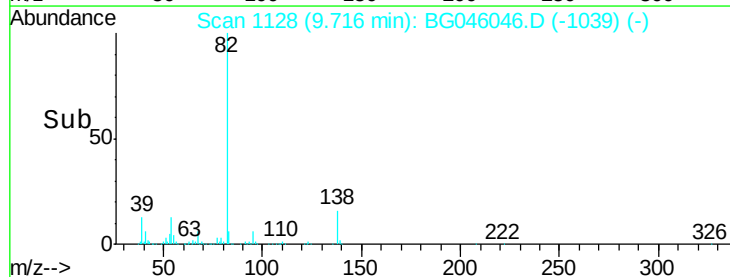
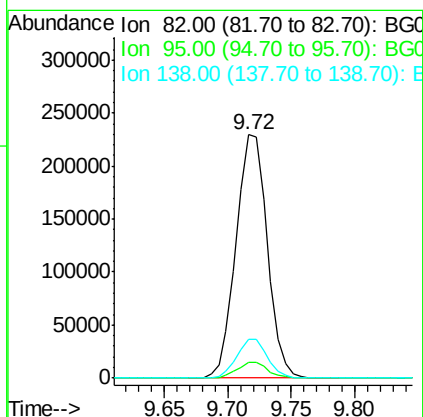
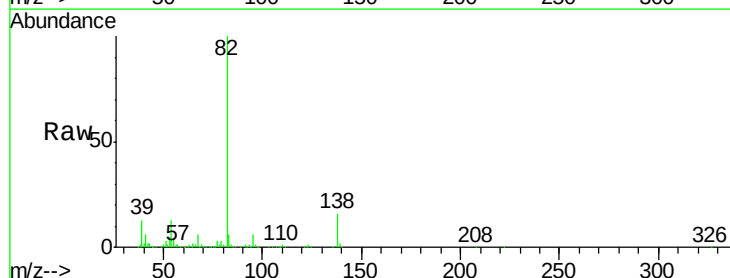
Instrument :
BNA_G
ClientSampleId :
T-2

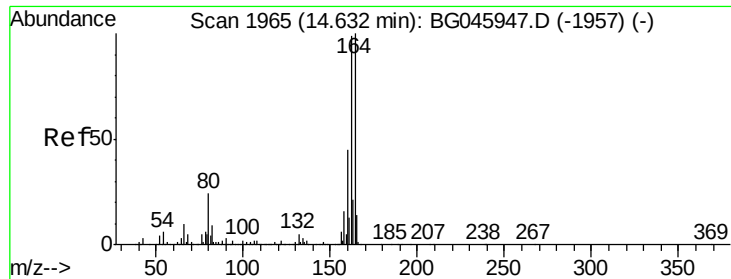
Tot Ion	82	Resp	510228
Ion Ratio	Lower	Upper	
82	100		
128	39.3	32.2	48.4
54	43.5	35.8	53.6



#25
Isophorone
Concen: 18.942 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG046046.D
Acq: 14 Jul 2020 23:51

Tgt Ion	82	Resp	392715
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.8	8.6
138	16.1	12.9	19.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG046046.D

Acq: 14 Jul 2020 23:51

Instrument :

BNA_G

ClientSampleId :

T-2

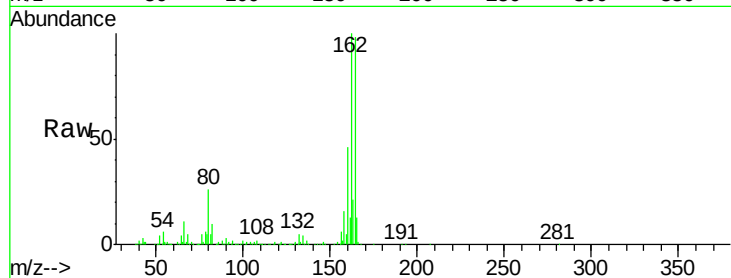
Tot Ion:164 Resp: 291532

Ion Ratio Lower Upper

164 100

162 102.4 79.3 118.9

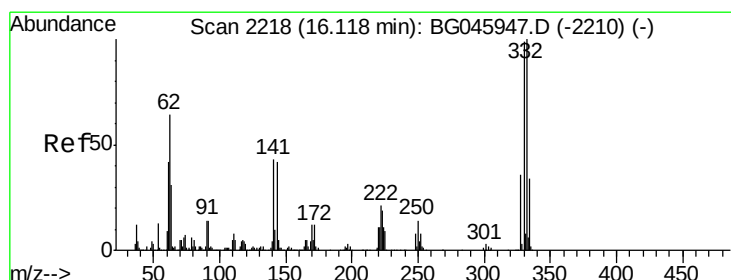
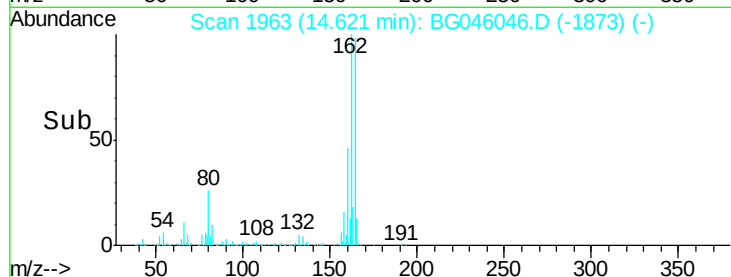
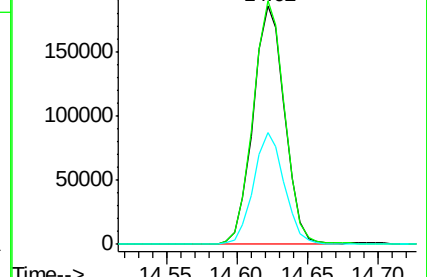
160 46.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 0.027 ng

RT: 16.24 min Scan# 2239

Delta R.T. 0.13 min

Lab File: BG046046.D

Acq: 14 Jul 2020 23:51

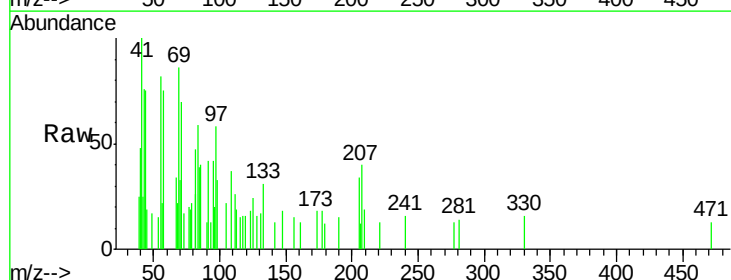
Tgt Ion:330 Resp: 72

Ion Ratio Lower Upper

330 100

332 0.0 78.3 117.5#

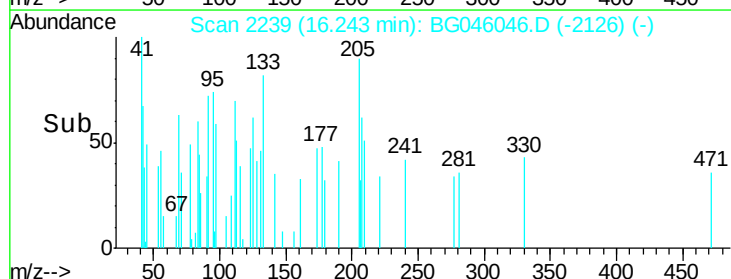
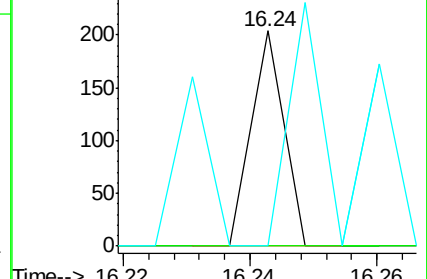
141 197.2 36.6 54.8#

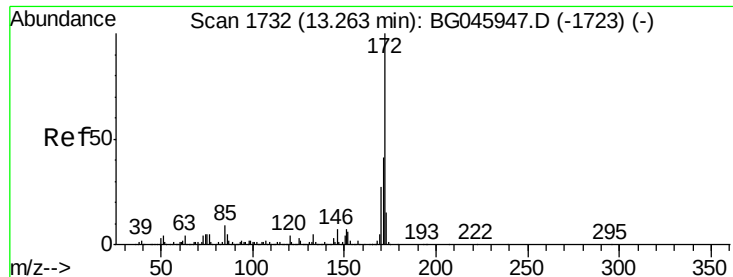


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

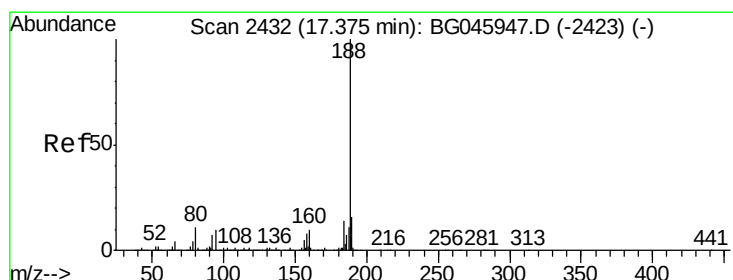
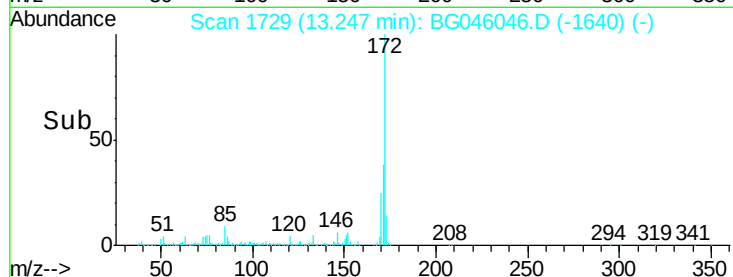
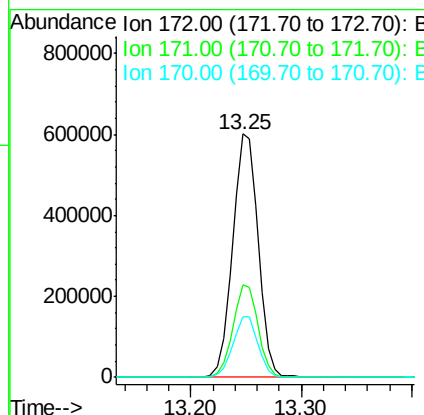
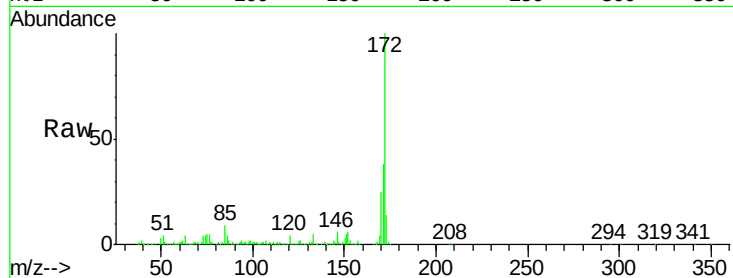




#45
2-Fluorobiphenyl
Concen: 52.213 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BG046046.D
Acq: 14 Jul 2020 23:51

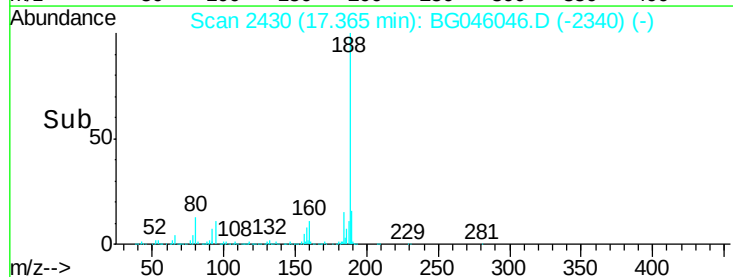
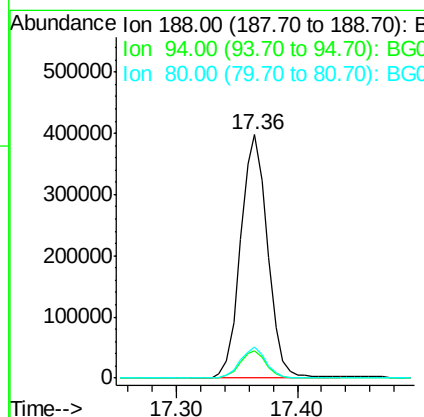
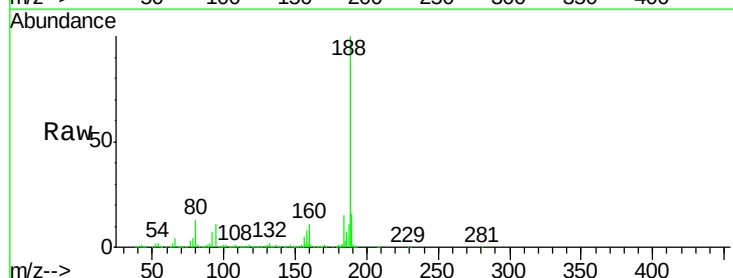
Instrument :
BNA_G
ClientSampleId :
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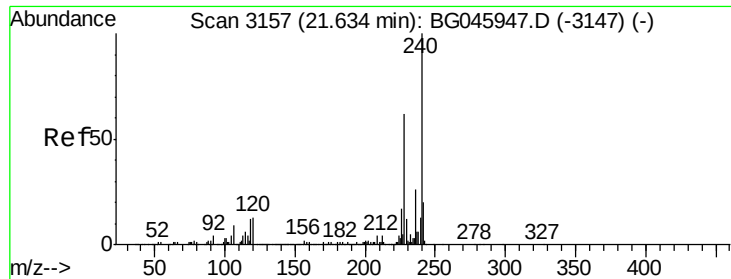
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.9	49.3
170	24.9	21.8	32.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046046.D
Acq: 14 Jul 2020 23:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.2	12.4
80	12.9	9.0	13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG046046.D

Acq: 14 Jul 2020 23:51

Instrument :

BNA_G

ClientSampleId :

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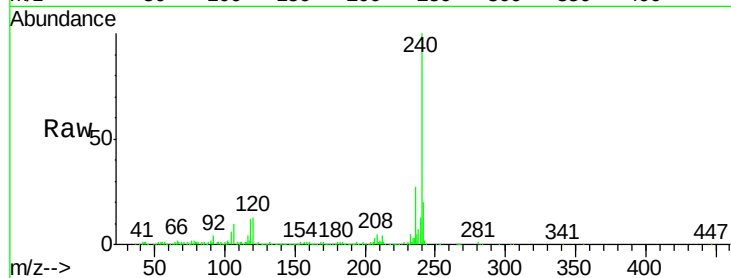
Tot Ion:240 Resp: 596563

Ion Ratio Lower Upper

240 100

120 13.3 10.6 16.0

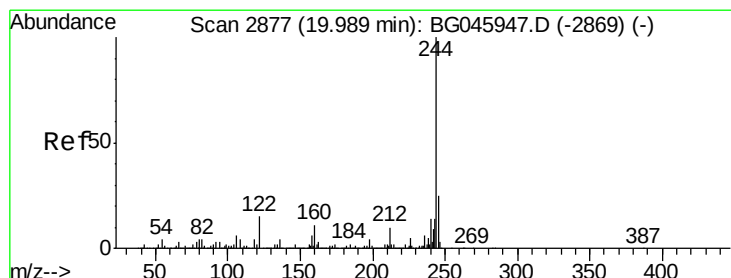
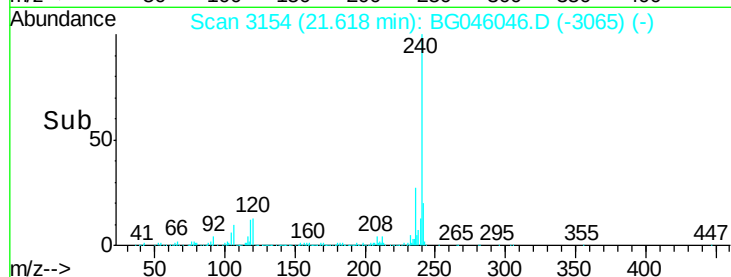
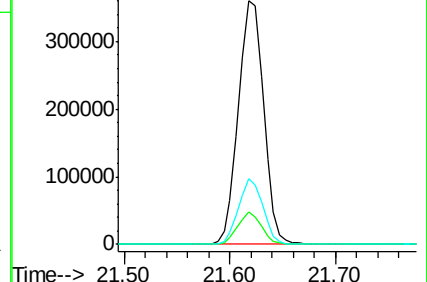
236 26.8 20.4 30.6



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: 47.553 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG046046.D

Acq: 14 Jul 2020 23:51

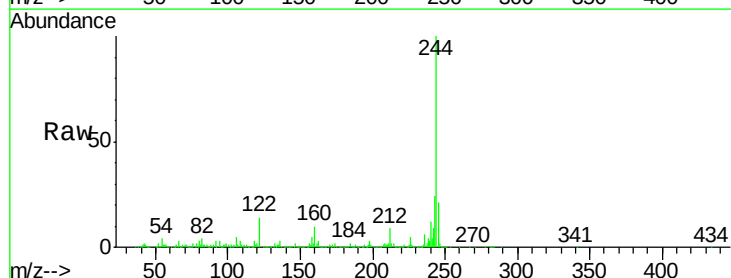
Tgt Ion:244 Resp: 1274676

Ion Ratio Lower Upper

244 100

212 8.7 8.3 12.5

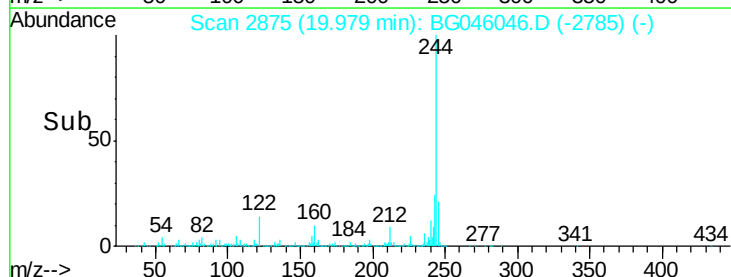
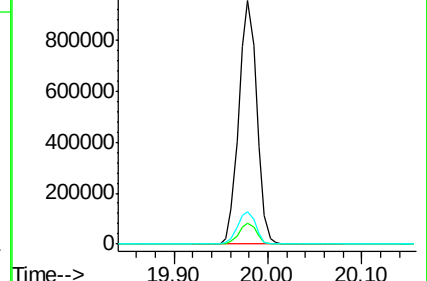
122 13.5 12.1 18.1

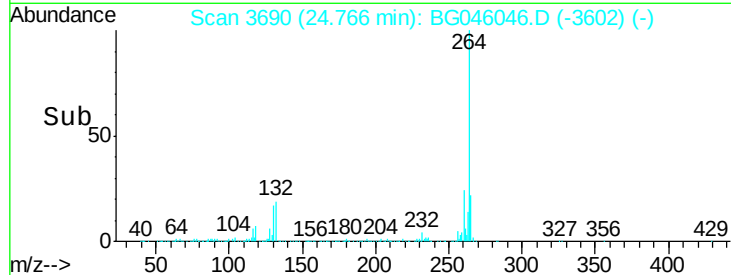
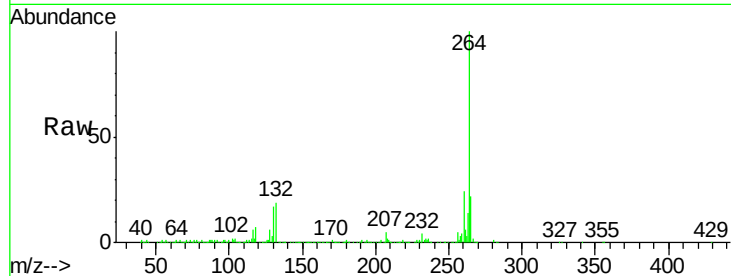
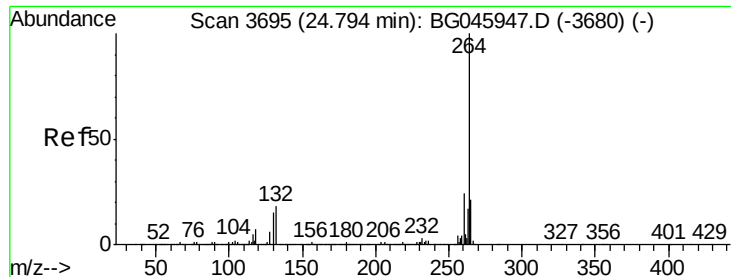


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3690
Delta R.T. -0.02 min
Lab File: BG046046.D
Acq: 14 Jul 2020 23:51

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Tot Ion:	264	Resp:	603131
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.9	16.9	25.3

