

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
 Data File : BG045850.D
 Acq On : 24 Jun 2020 18:35
 Operator : CG/JU
 Sample : L3089-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RT

Quant Time: Jun 25 00:51:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

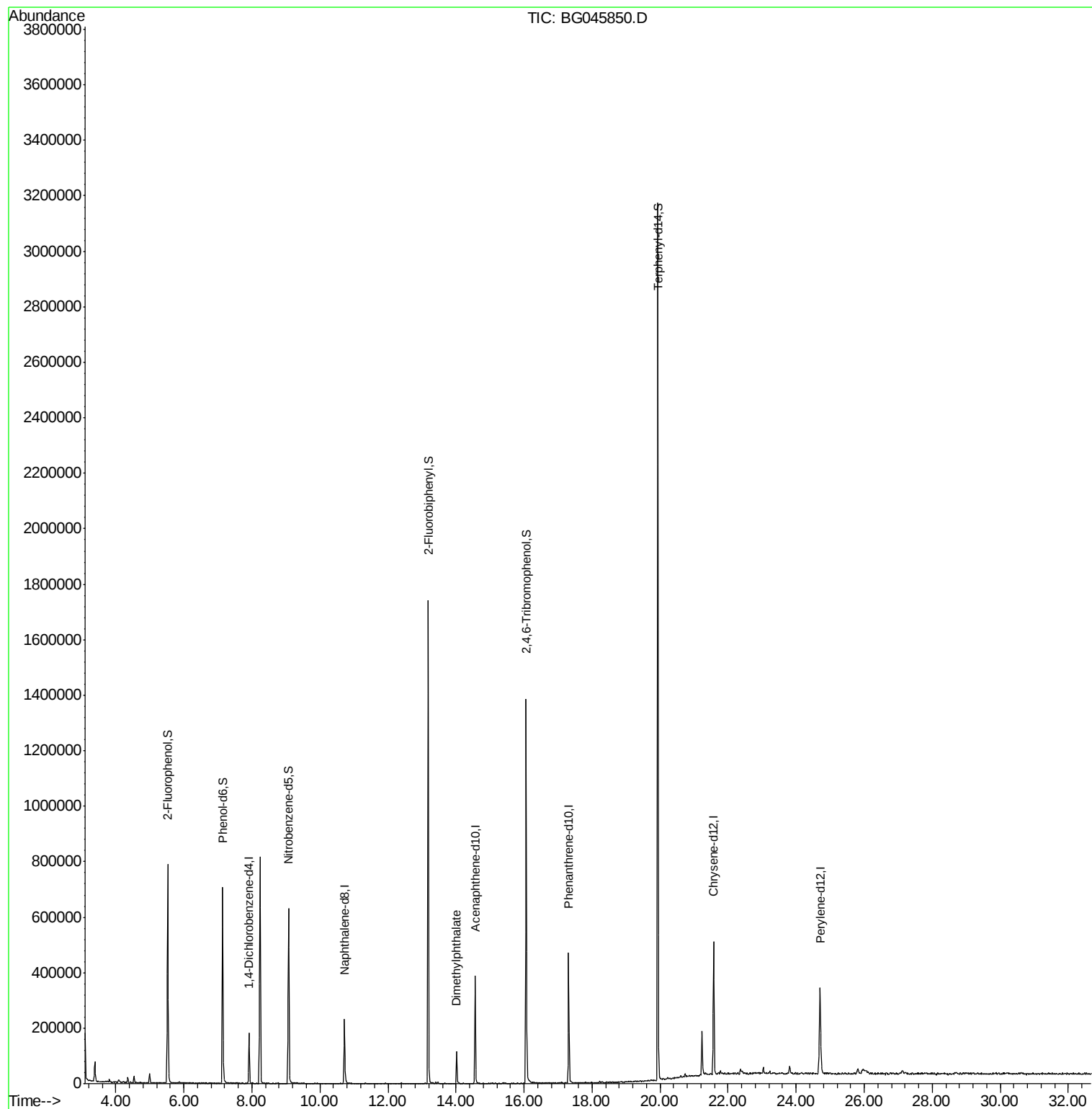
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55322	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	207924	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	147483	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	330171	20.00	ng	0.00
76) Chrysene-d12	21.57	240	316938	20.00	ng	0.00
86) Perylene-d12	24.70	264	338839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	378680	115.63	ng	-0.01
7) Phenol-d6	7.14	99	471440	94.64	ng	-0.03
23) Nitrobenzene-d5	9.08	82	434333	95.43	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	301005	135.19	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	963087	95.96	ng	0.00
79) Terphenyl-d14	19.93	244	1546372	98.88	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.02	163	81689	7.070	ng	Qvalue 97

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

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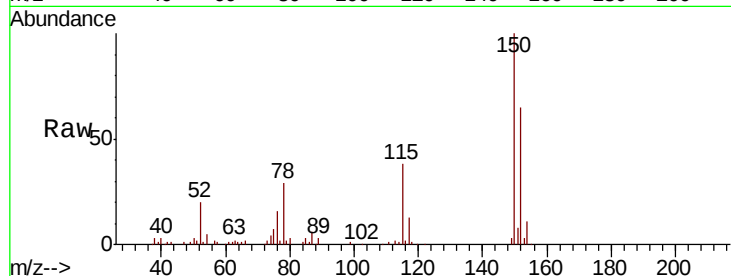


#1

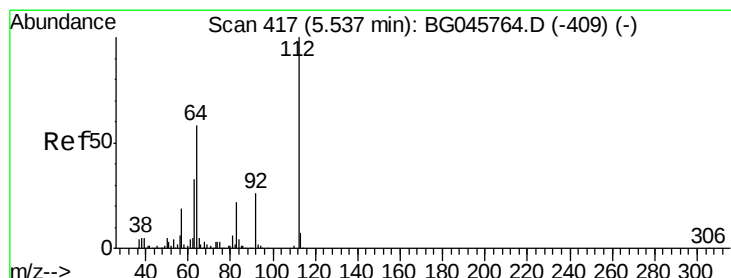
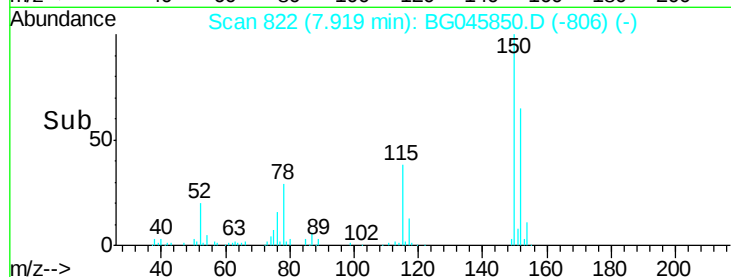
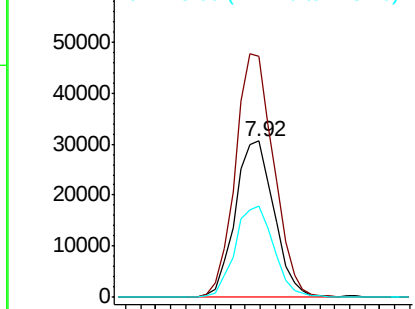
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

Instrument :
BNA_G
ClientSampleId :
RB47184-RT

Tot Ion:152 Resp: 55322
Ion Ratio Lower Upper
152 100
150 154.3 113.1 169.7
115 58.0 43.8 65.6



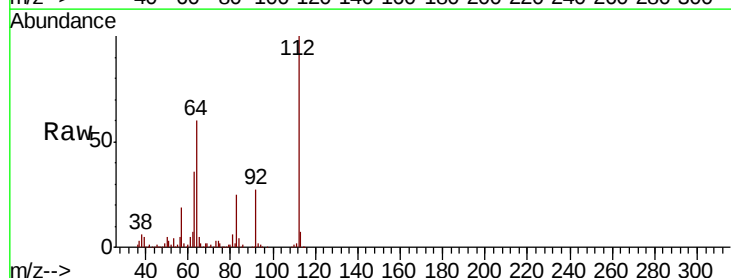
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



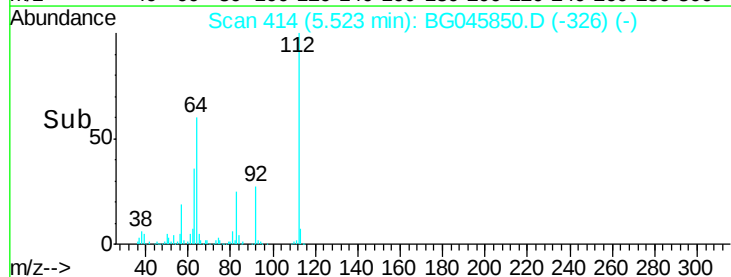
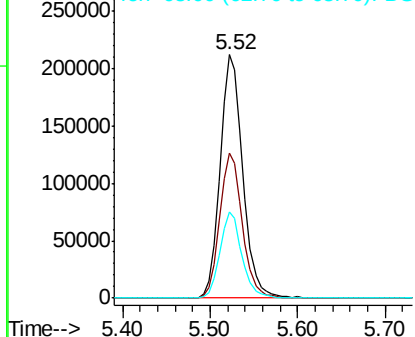
#5

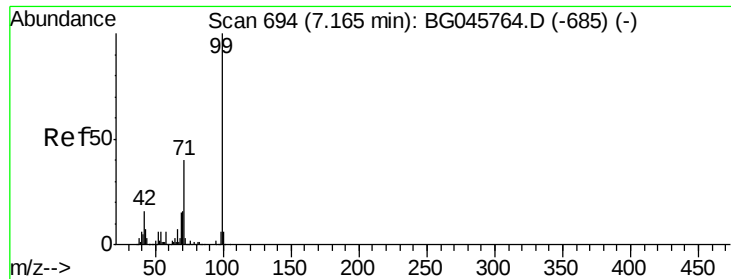
2-Fluorophenol
Concen: 115.628 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.01 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

Tgt Ion:112 Resp: 378680
Ion Ratio Lower Upper
112 100
64 59.7 46.6 69.8
63 35.6 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 94.638 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

Instrument :

BNA_G

ClientSampleId :

RB47184-RT

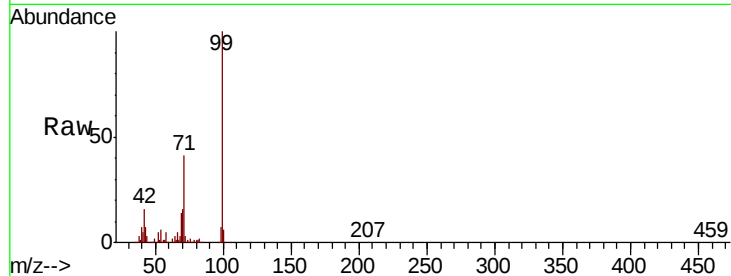
Tot Ion: 99 Resp: 471440

Ion Ratio Lower Upper

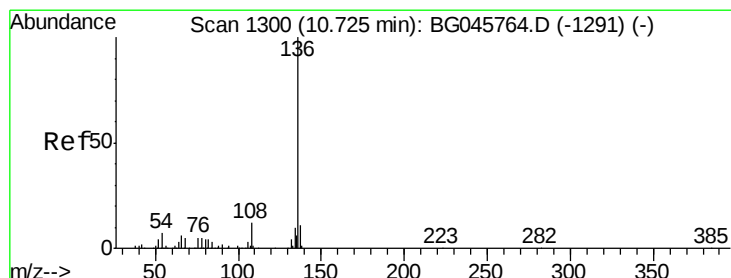
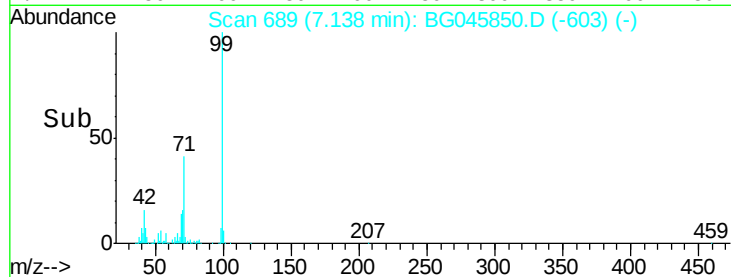
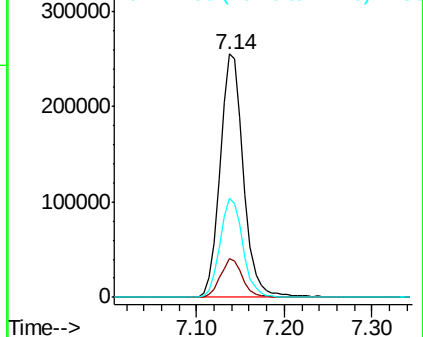
99 100

42 15.9 12.4 18.6

71 40.7 32.1 48.1



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: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

Tgt Ion: 136 Resp: 207924

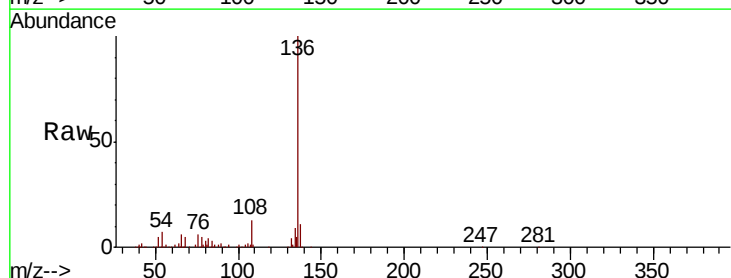
Ion Ratio Lower Upper

136 100

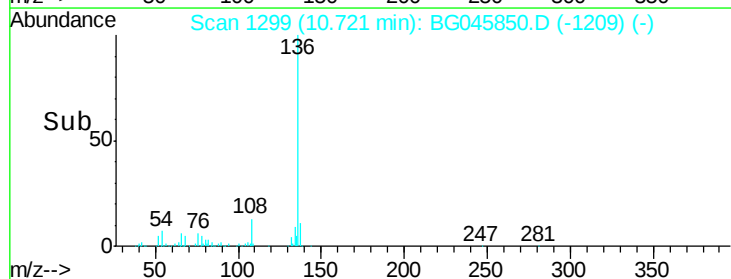
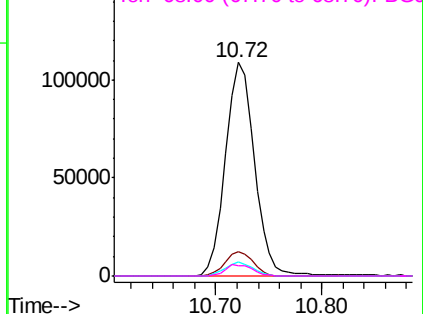
137 11.4 8.7 13.1

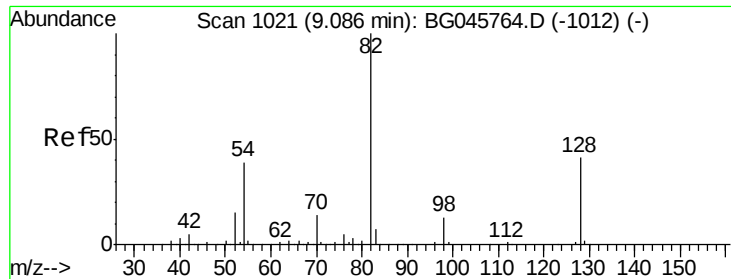
54 6.6 5.8 8.6

68 5.0 4.0 6.0



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

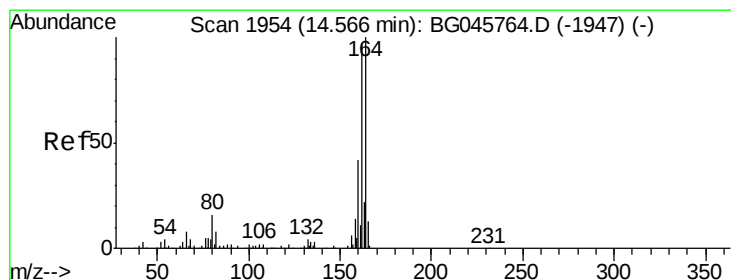
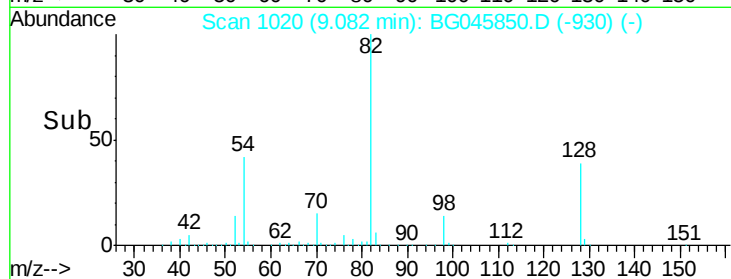
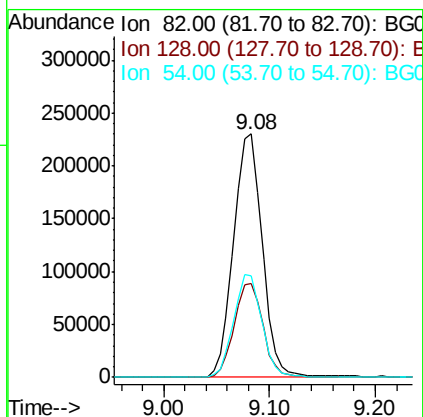
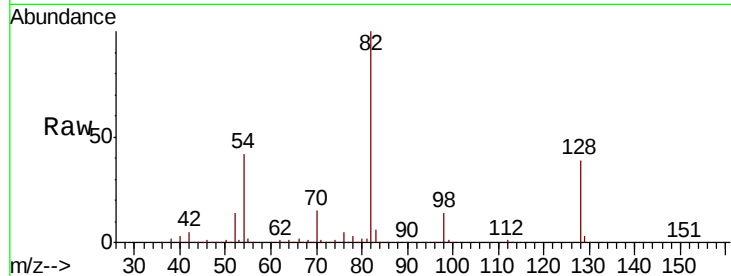




#23
 Nitrobenzene-d5
 Concen: 95.428 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG045850.D
 Acq: 24 Jun 2020 18:35

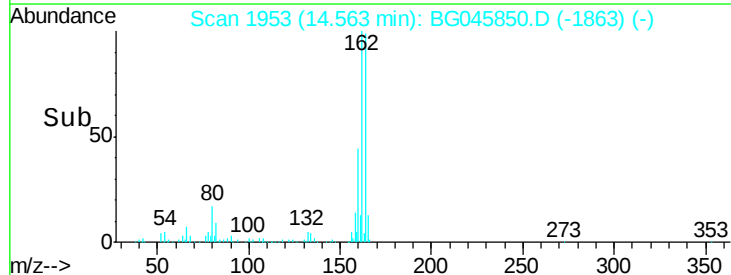
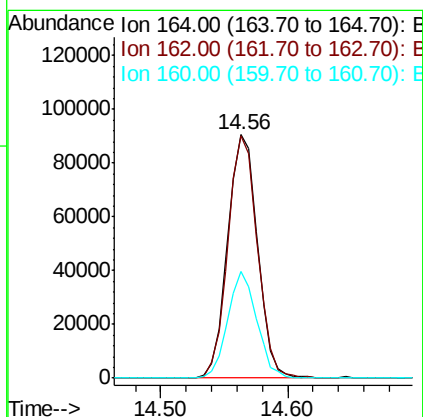
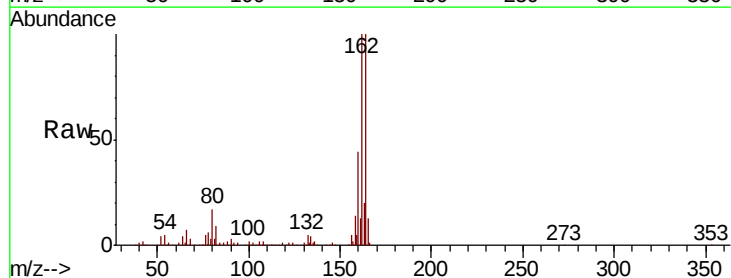
Instrument :
 BNA_G
 ClientSampleId :
 RB47184-RT

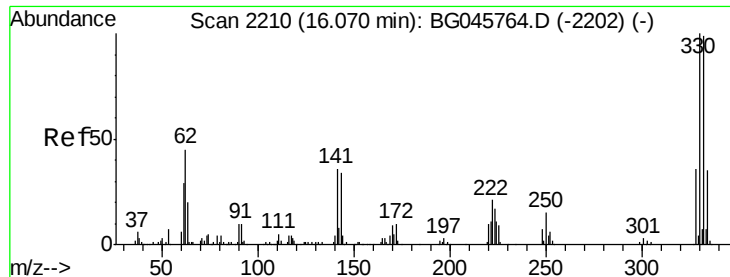
Tot Ion	82	Resp	434333
Ion Ratio	Lower	Upper	
82	100		
128	38.8	32.5	48.7
54	41.8	31.2	46.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG045850.D
 Acq: 24 Jun 2020 18:35

Tgt Ion	164	Resp	147483
Ion Ratio	Lower	Upper	
164	100		
162	99.7	77.4	116.0
160	43.9	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 135.185 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

Instrument :

BNA_G

ClientSampleId :

RB47184-RT

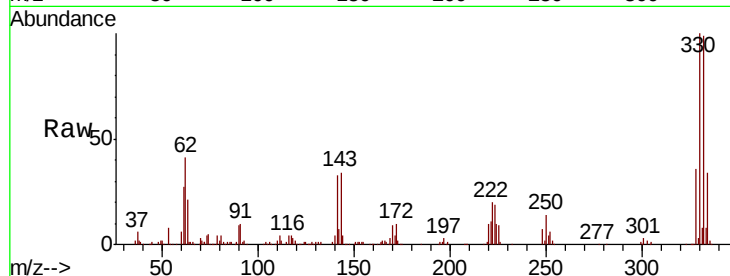
Tot Ion:330 Resp: 301005

Ion Ratio Lower Upper

330 100

332 96.4 78.6 117.8

141 34.7 28.2 42.4

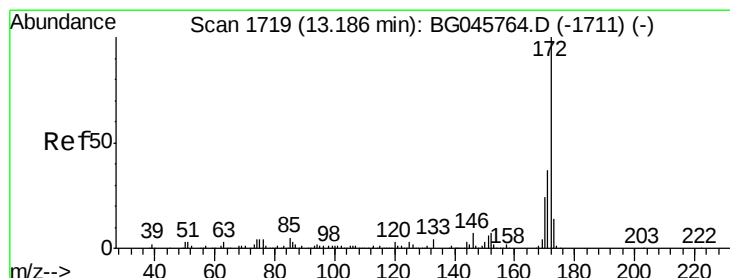
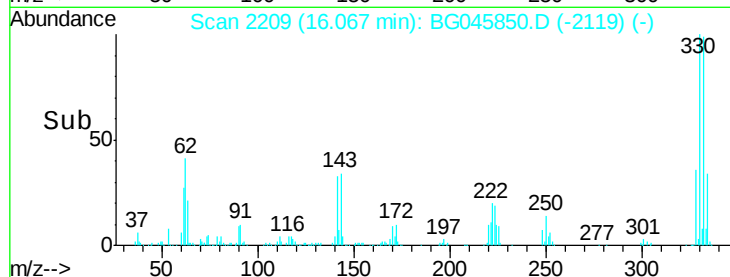
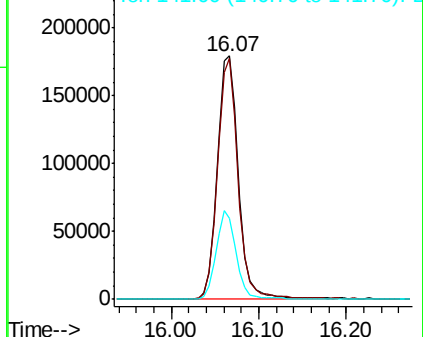


Abundance

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: 95.964 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

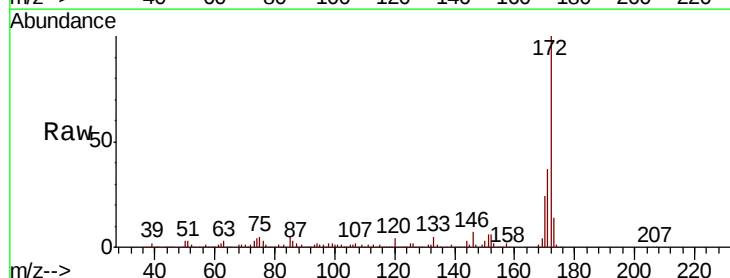
Tgt Ion:172 Resp: 963087

Ion Ratio Lower Upper

172 100

171 36.6 29.9 44.9

170 23.9 19.3 28.9

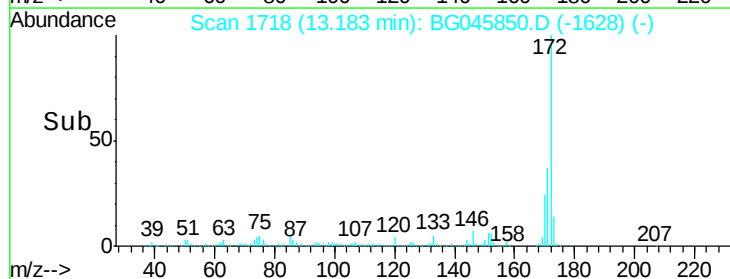
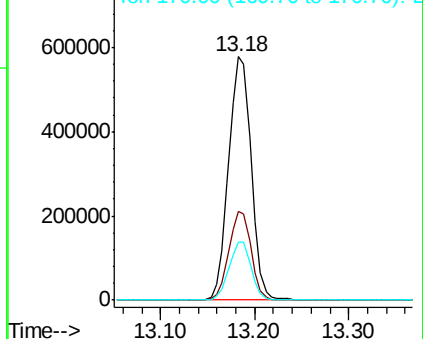


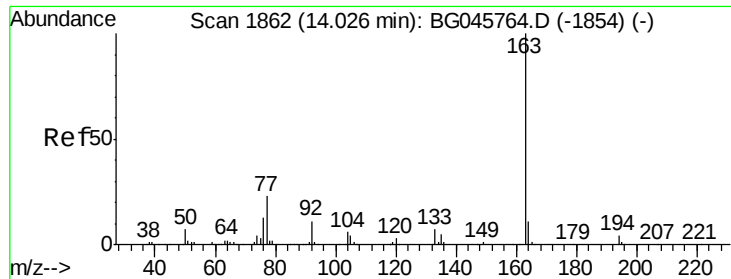
Abundance

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





#50

Dimethylphthalate

Concen: 7.070 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

Instrument :

BNA_G

ClientSampleId :

RB47184-RT

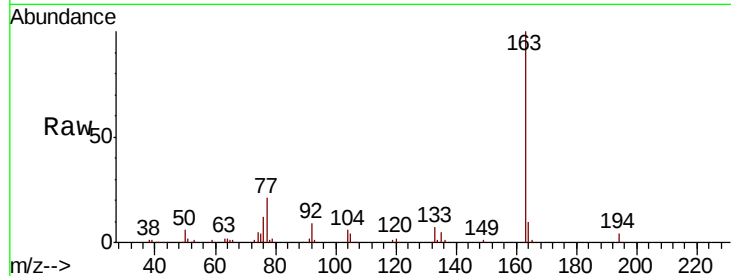
Tot Ion:163 Resp: 81689

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

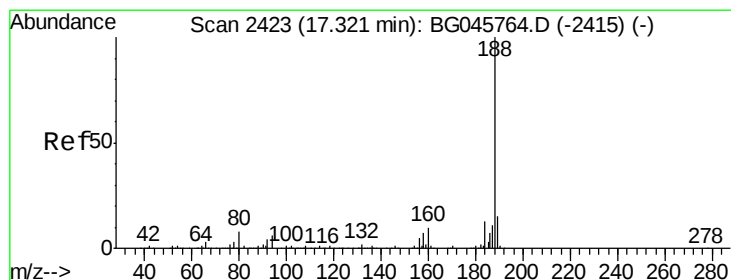
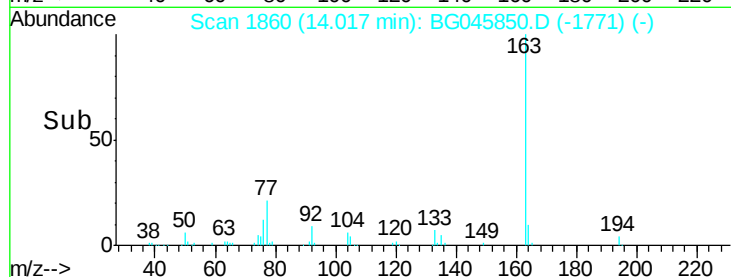
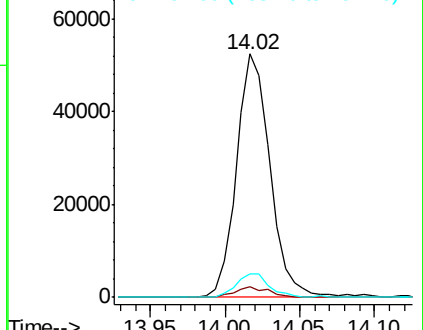
164 9.6 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

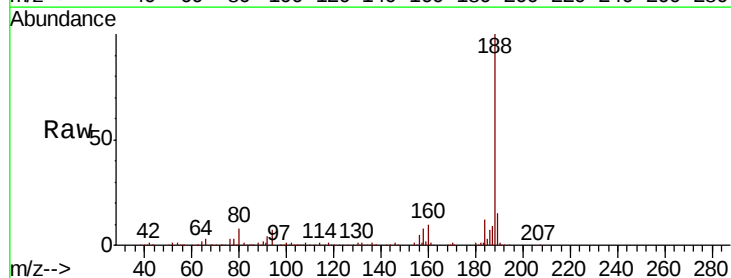
Tgt Ion:188 Resp: 330171

Ion Ratio Lower Upper

188 100

94 6.9 5.1 7.7

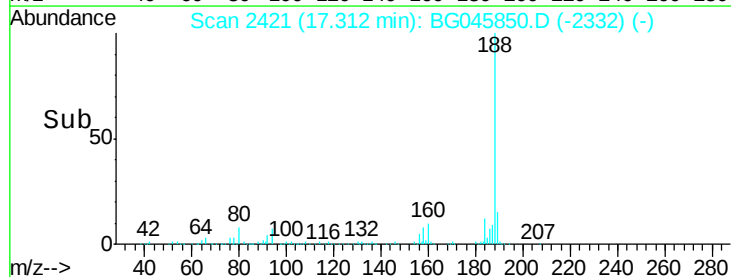
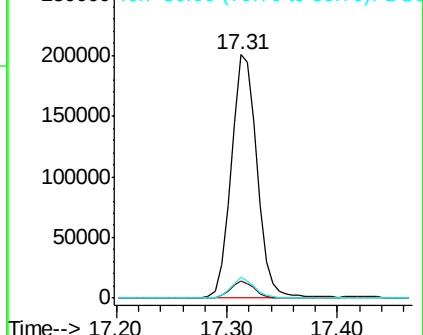
80 8.5 6.2 9.4

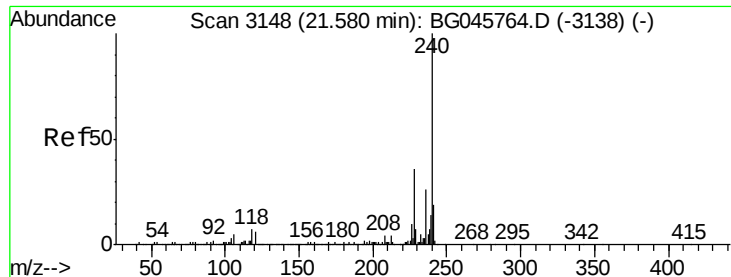


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

Instrument :

BNA_G

ClientSampleId :

RB47184-RT

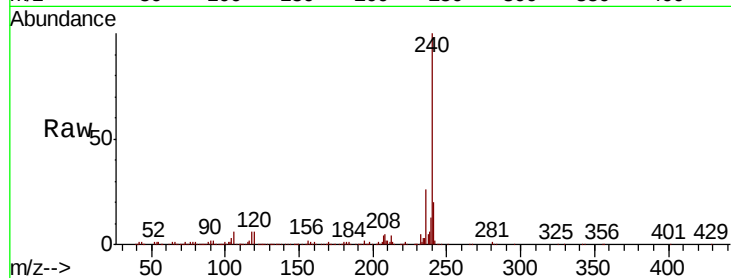
Tot Ion:240 Resp: 316938

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

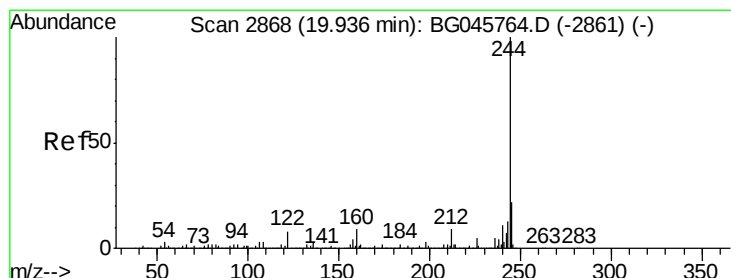
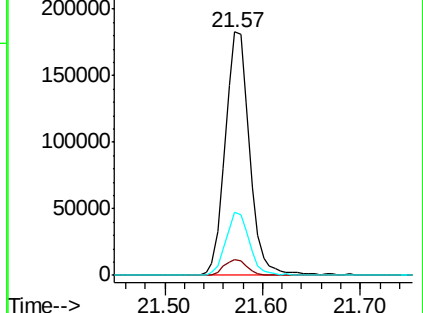
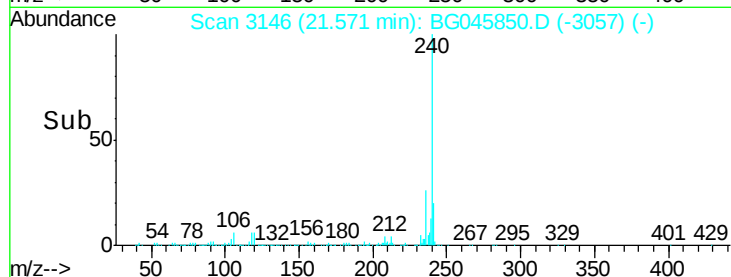
236 26.0 20.6 30.8



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: 98.880 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045850.D

Acq: 24 Jun 2020 18:35

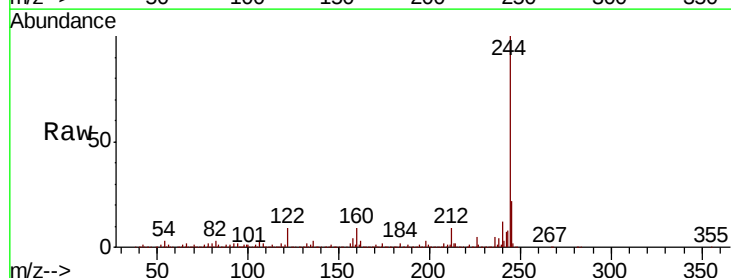
Tgt Ion:244 Resp: 1546372

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

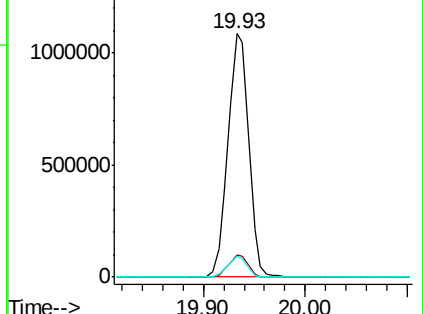
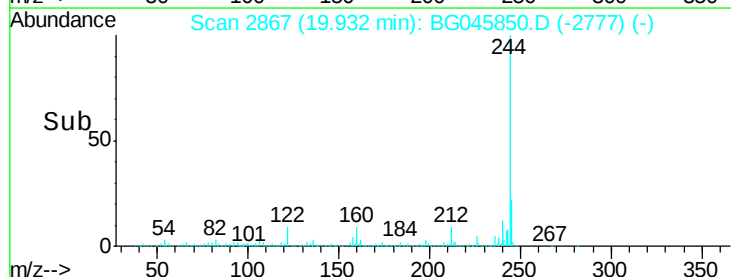
122 8.6 6.4 9.6

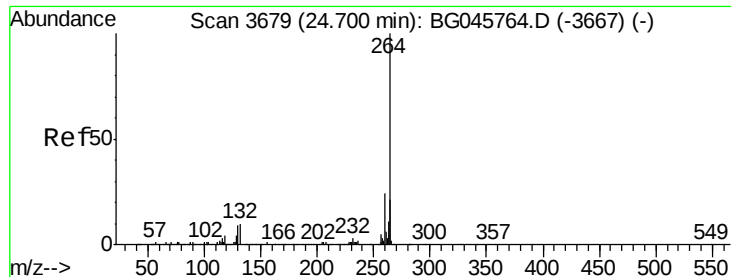


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045850.D
Acq: 24 Jun 2020 18:35

Instrument :
BNA_G
ClientSampleId :
RB47184-RT

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.0	28.4
265	21.4	17.4	26.0

