

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045679.D
 Acq On : 10 Jun 2020 3:56
 Operator : CG/JU
 Sample : L2939-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2020-06-02-FD02

Quant Time: Jun 10 06:22:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

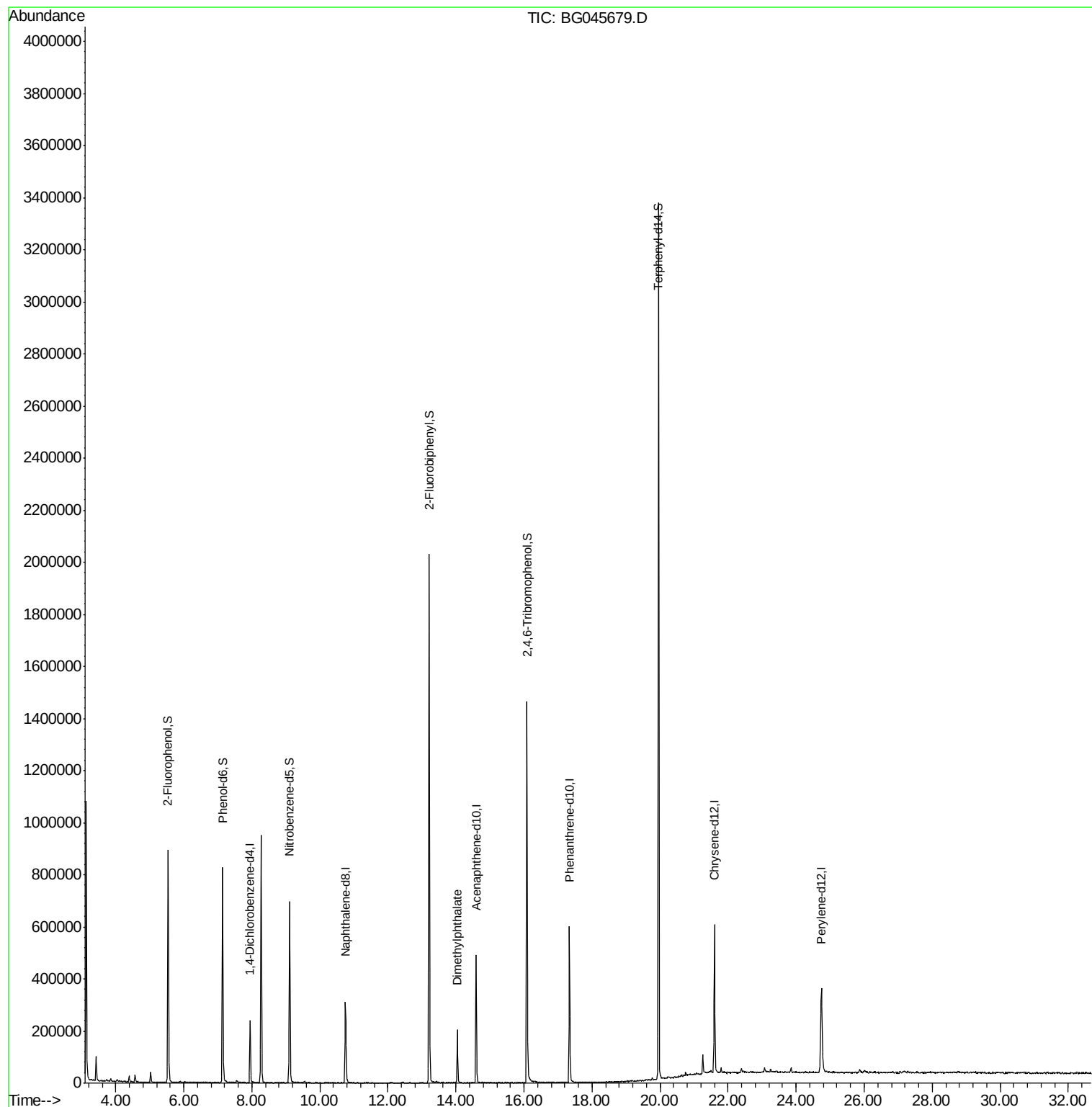
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	71566	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	285082	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	195086	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	418853	20.00	ng	0.00
76) Chrysene-d12	21.60	240	384916	20.00	ng	0.00
87) Perylene-d12	24.74	264	405691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	436715	119.26	ng	0.00
7) Phenol-d6	7.14	99	555147	106.51	ng	0.00
23) Nitrobenzene-d5	9.11	82	494301	94.55	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	315878	126.61	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1094411	95.16	ng	0.00
79) Terphenyl-d14	19.96	244	1644266	99.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	140503	10.50	ng	Qvalue 100

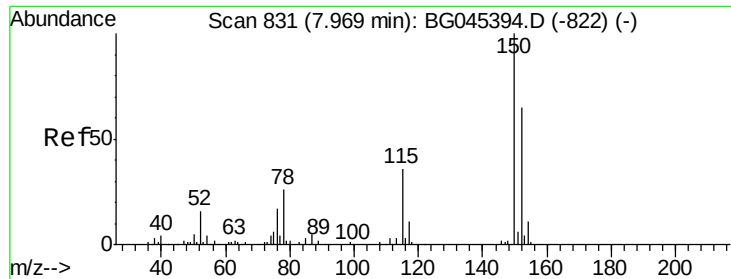
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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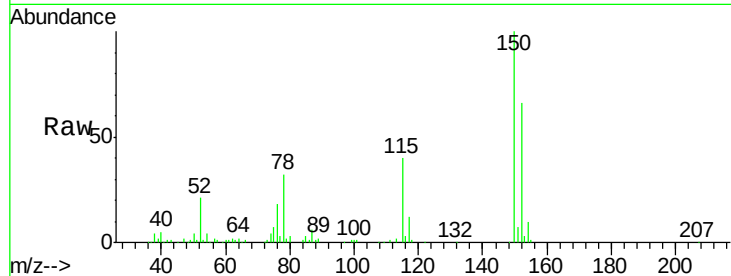


#1

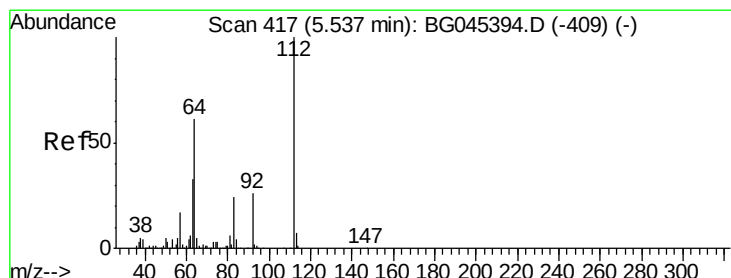
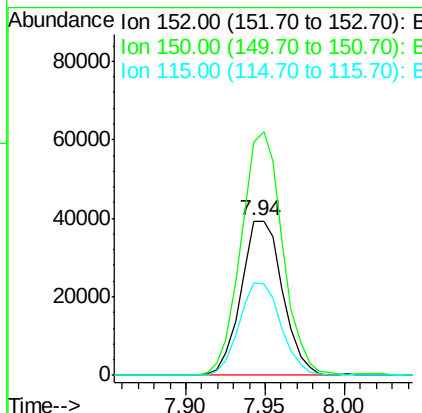
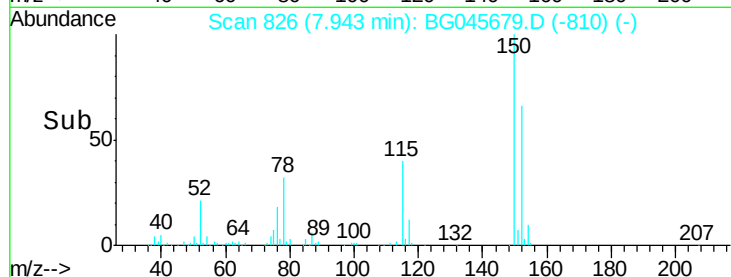
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

Instrument :
BNA_G
ClientSampleId :
2020-06-02-FD02

Tgt Ion:152 Resp: 71566
Ion Ratio Lower Upper
152 100
150 150.6 122.4 183.6
115 60.2 44.2 66.4



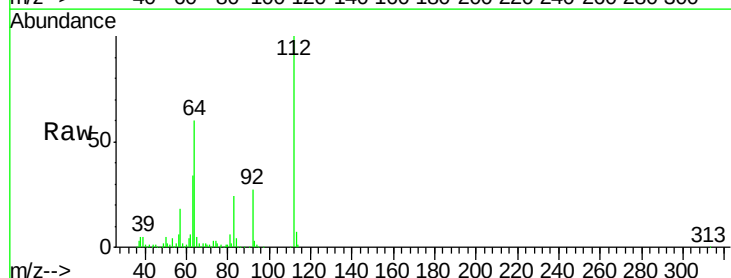
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



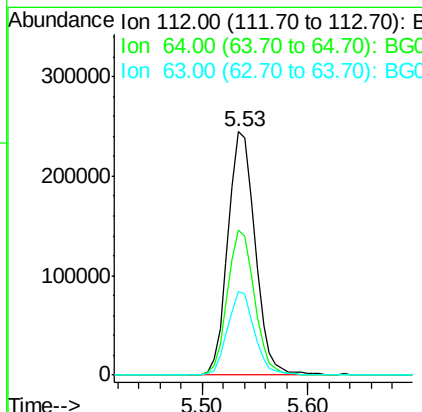
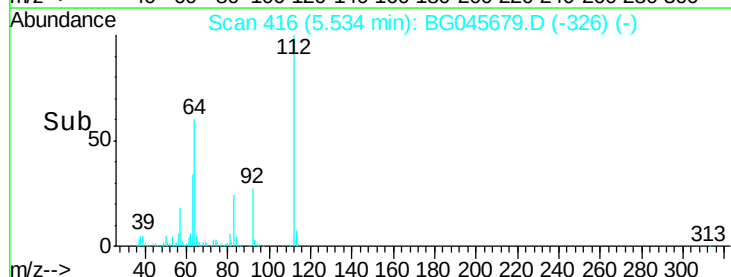
#5

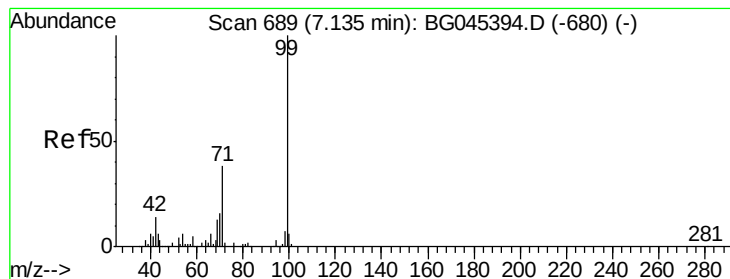
2-Fluorophenol
Concen: 119.26 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

Tgt Ion:112 Resp: 436715
Ion Ratio Lower Upper
112 100
64 59.6 48.6 72.8
63 34.3 26.5 39.7



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: 106.51 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045679.D

Acq: 10 Jun 2020 3:56

Instrument :

BNA_G

ClientSampleId :

2020-06-02-FD02

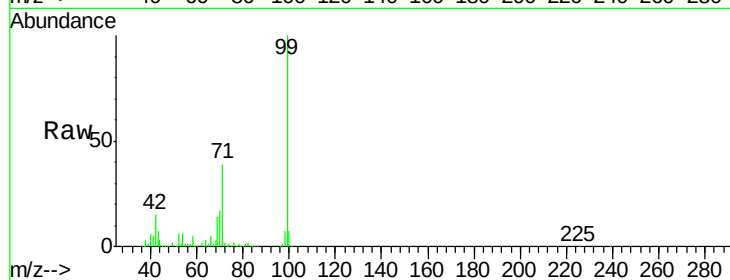
Tgt Ion: 99 Resp: 555147

Ion Ratio Lower Upper

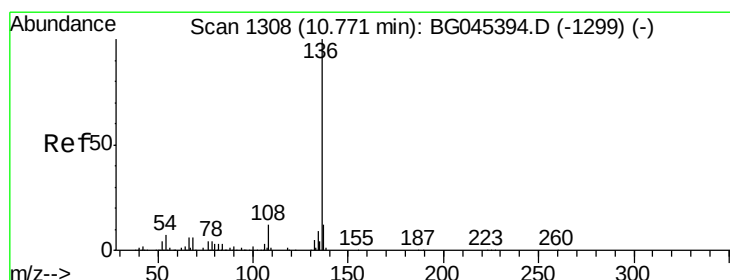
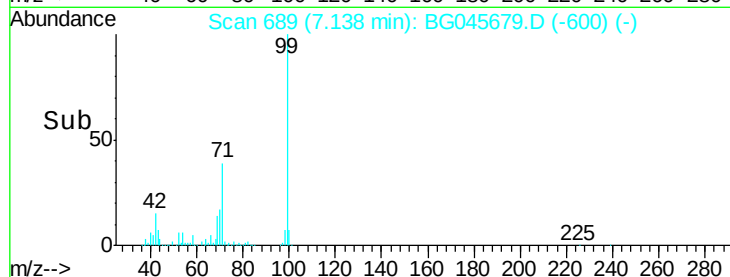
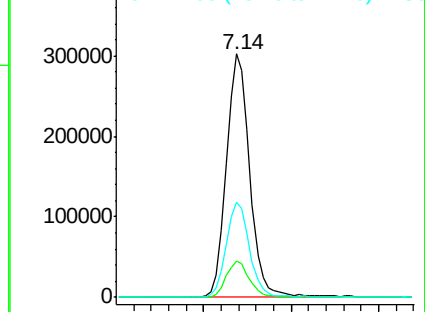
99 100

42 14.7 11.3 16.9

71 39.2 30.8 46.2



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: 20.00 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045679.D

Acq: 10 Jun 2020 3:56

Tgt Ion: 136 Resp: 285082

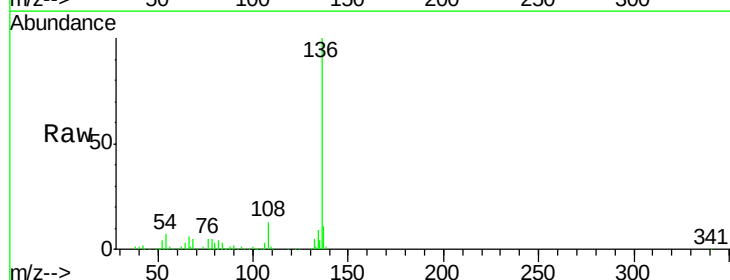
Ion Ratio Lower Upper

136 100

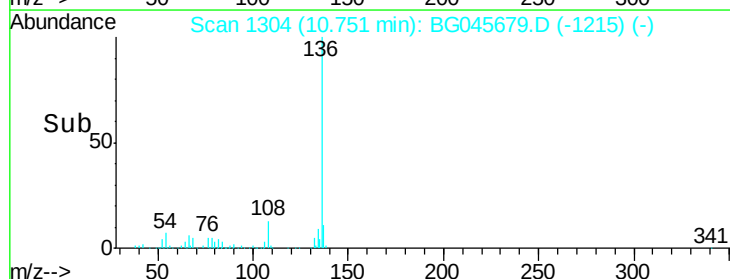
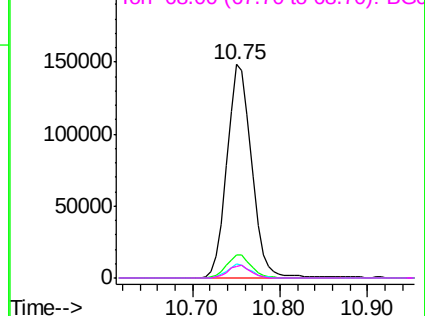
137 11.0 9.4 14.2

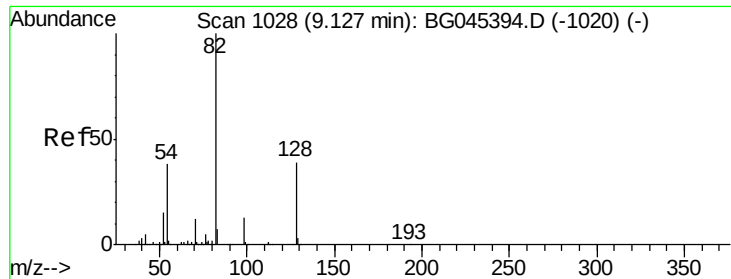
54 6.7 5.8 8.6

68 5.1 4.5 6.7



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

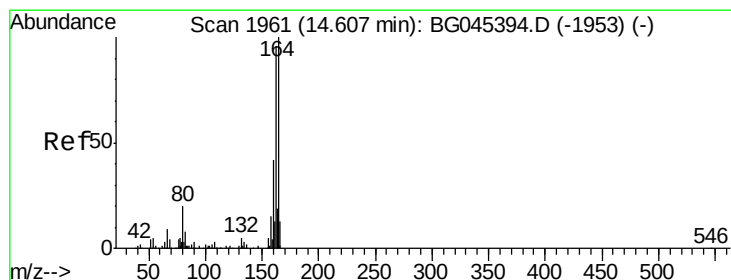
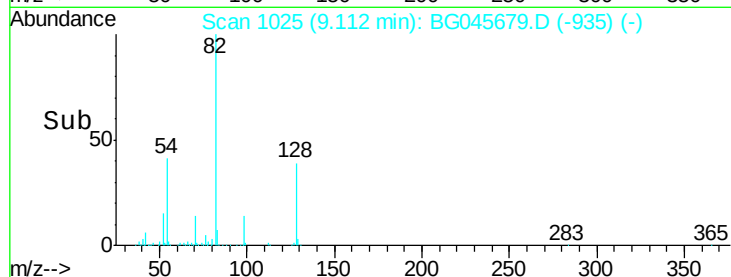
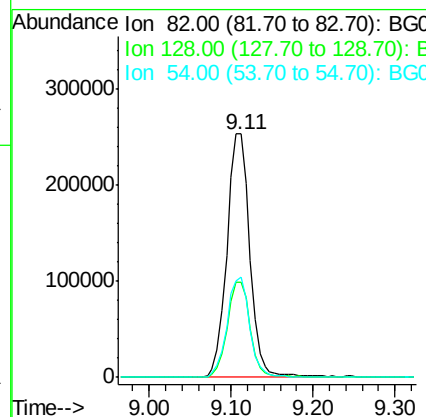
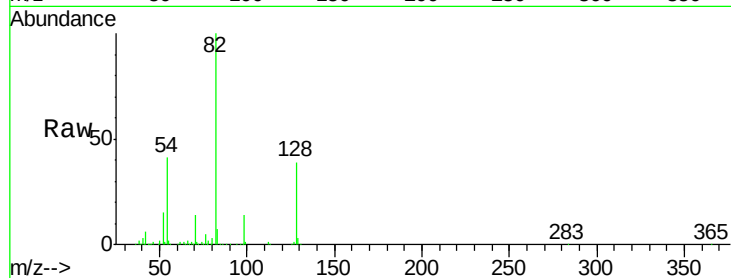




#23
 Nitrobenzene-d5
 Concen: 94.55 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045679.D
 Acq: 10 Jun 2020 3:56

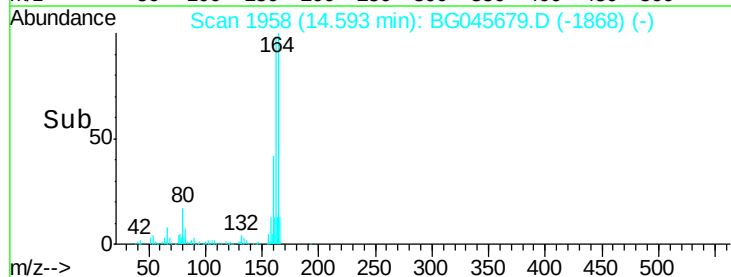
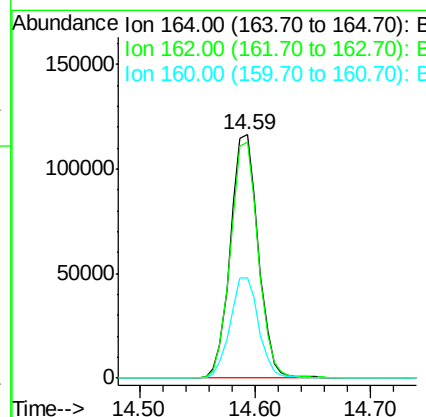
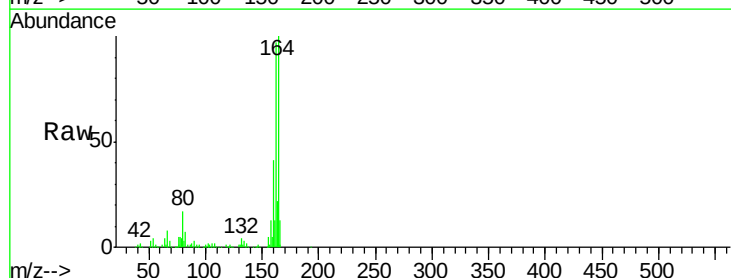
Instrument :
 BNA_G
 ClientSampleId :
 2020-06-02-FD02

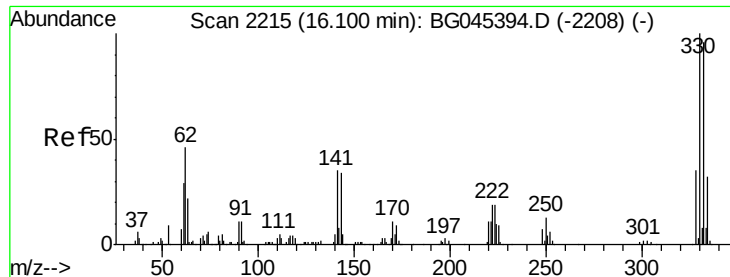
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.9	46.3
54	41.0	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045679.D
 Acq: 10 Jun 2020 3:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	76.9	115.3
160	41.4	33.8	50.8

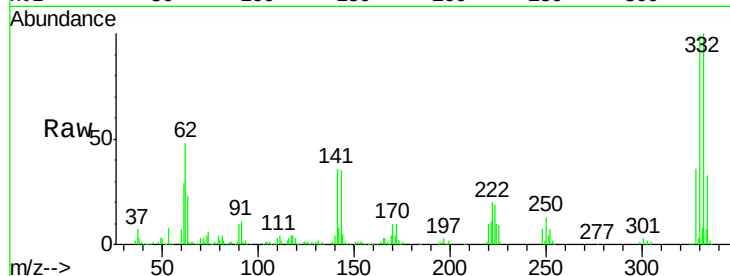




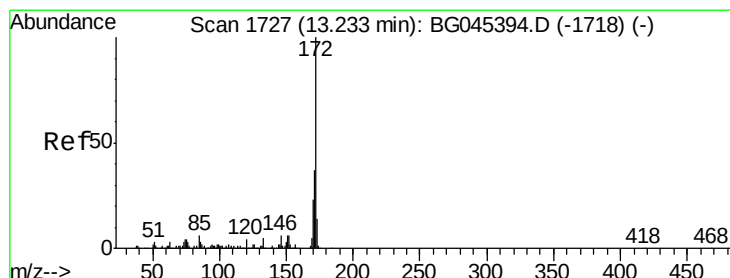
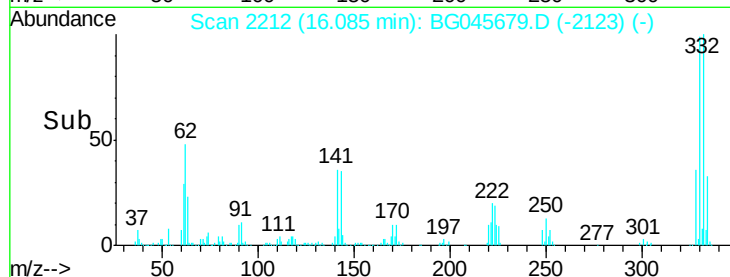
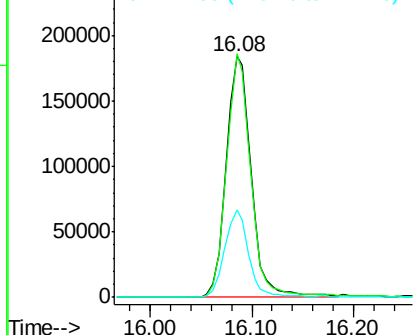
#42
 2,4,6-Tribromophenol
 Concen: 126.61 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045679.D
 Acq: 10 Jun 2020 3:56

Instrument :
 BNA_G
 ClientSampleId :
 2020-06-02-FD02

Tgt Ion:330 Resp: 315878
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.2 117.4
 141 34.8 28.2 42.4

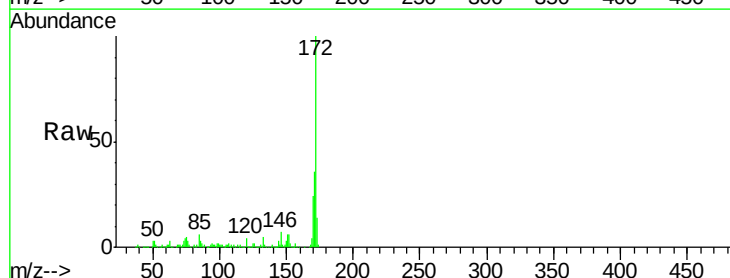


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

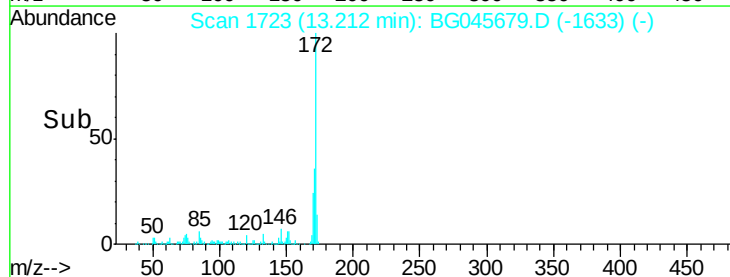
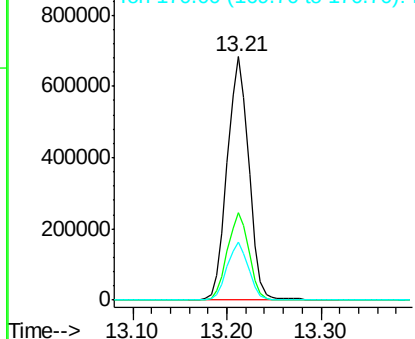


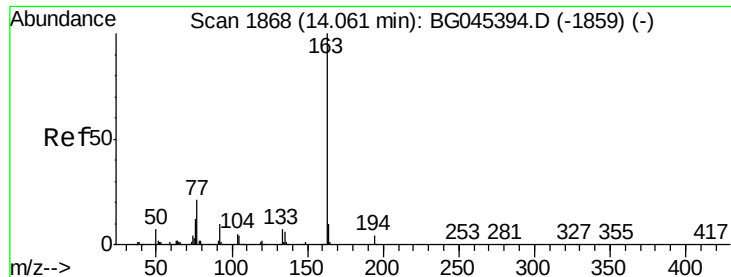
#45
 2-Fluorobiphenyl
 Concen: 95.16 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045679.D
 Acq: 10 Jun 2020 3:56

Tgt Ion:172 Resp: 1094411
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.5 44.3
 170 23.7 18.5 27.7



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: 10.50 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG045679.D

Acq: 10 Jun 2020 3:56

Instrument :

BNA_G

ClientSampleId :

2020-06-02-FD02

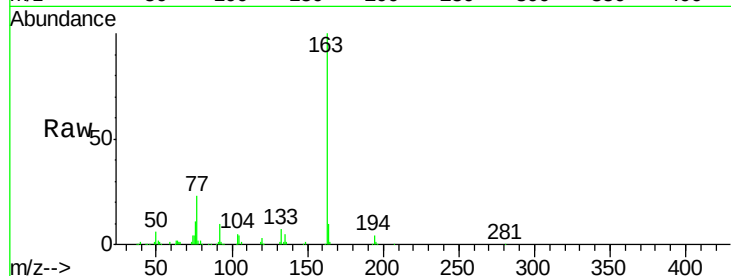
Tgt Ion:163 Resp: 140503

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

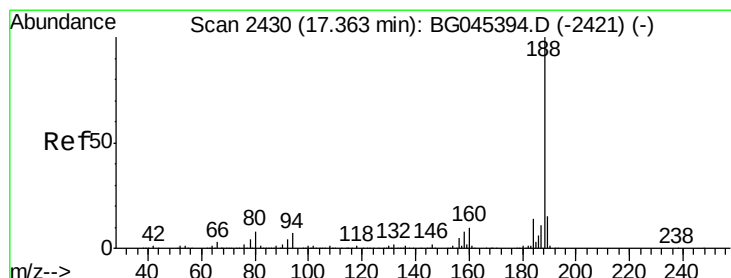
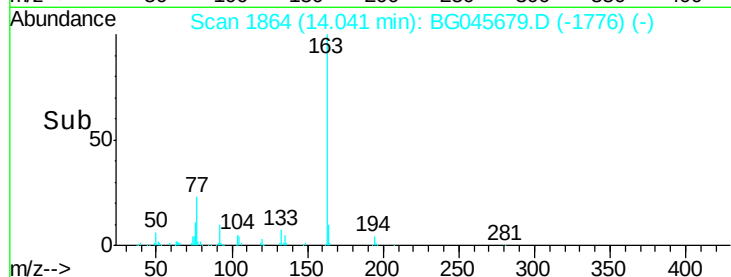
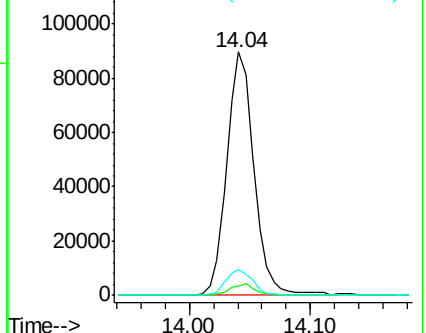
164 10.5 8.3 12.5



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: 20.00 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045679.D

Acq: 10 Jun 2020 3:56

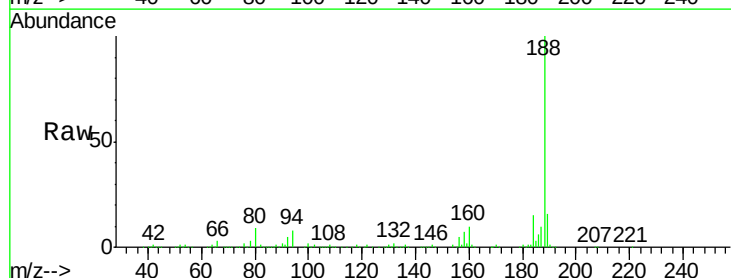
Tgt Ion:188 Resp: 418853

Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

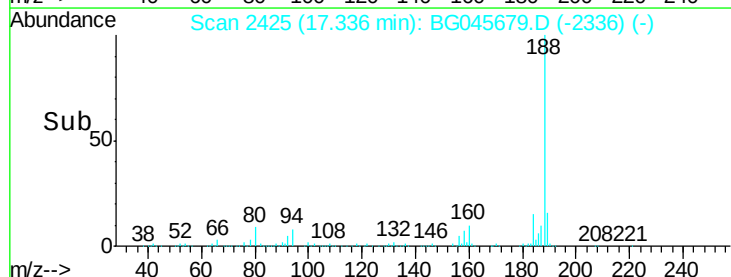
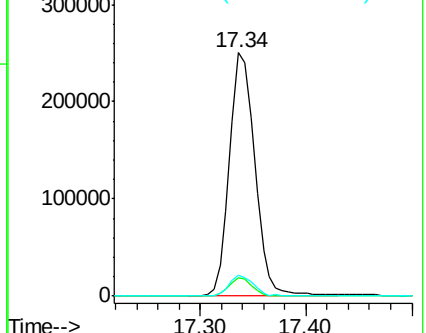
80 8.8 6.6 10.0

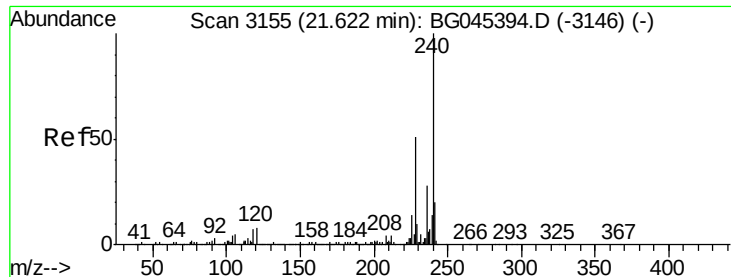


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

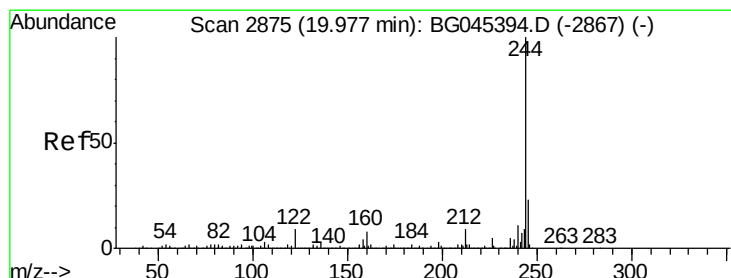
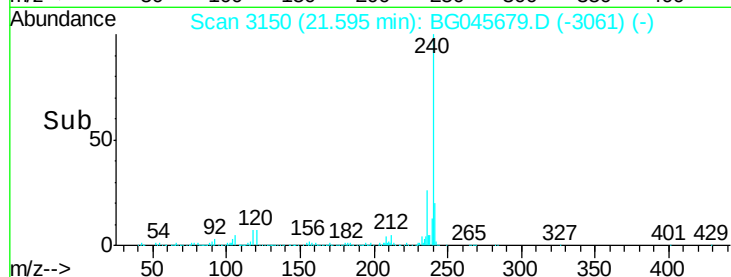
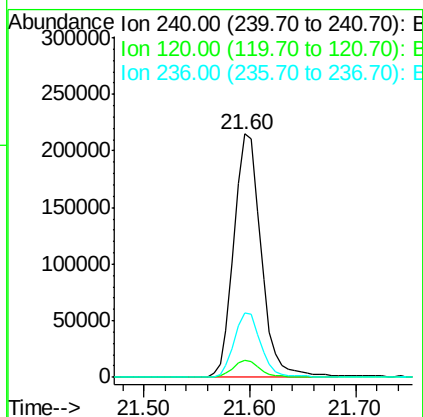
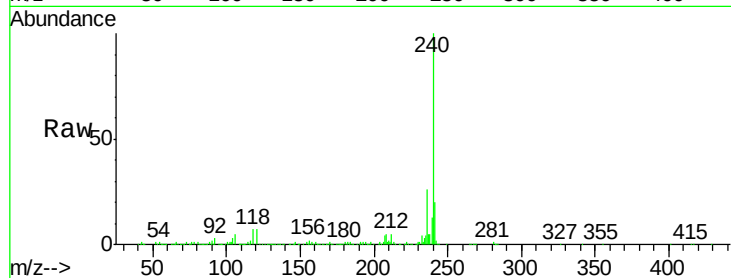




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

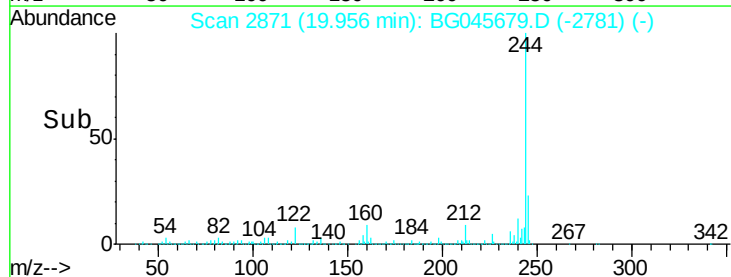
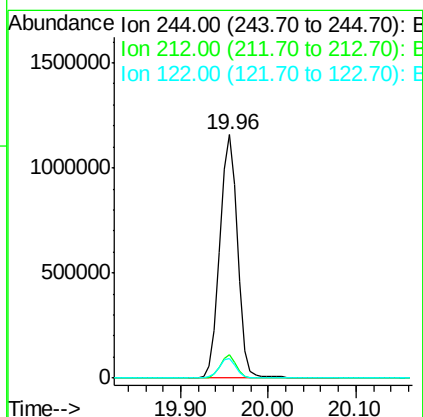
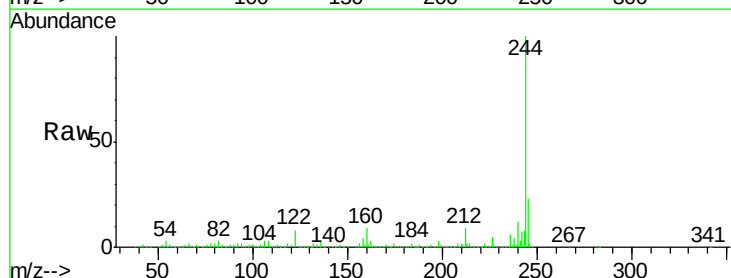
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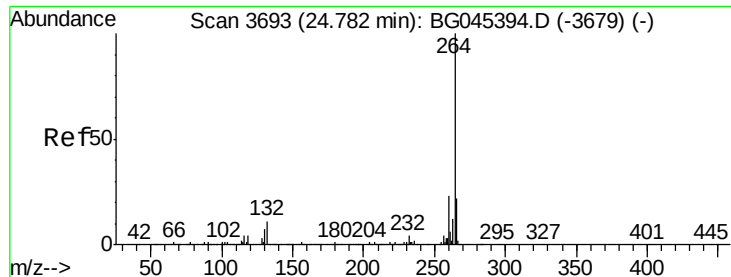
Tgt Ion:240 Resp: 384916
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 26.3 22.3 33.5



#79
Terphenyl-d14
Concen: 99.63 ng
RT: 19.96 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

Tgt Ion:244 Resp: 1644266
Ion Ratio Lower Upper
244 100
212 9.4 7.4 11.0
122 8.2 6.8 10.2





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045679.D

Acq: 10 Jun 2020 3:56

Instrument :

BNA_G

ClientSampleId :

2020-06-02-FD02

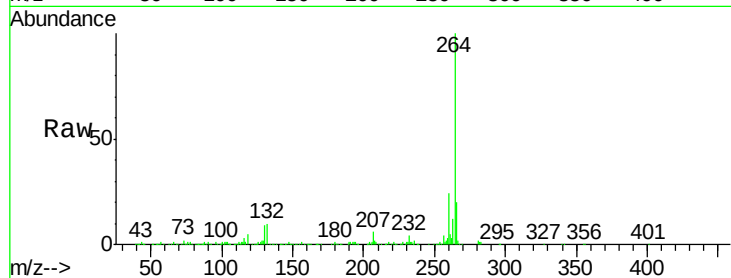
Tgt Ion: 264 Resp: 405691

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 20.4 17.6 26.4



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

