

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045663.D
 Acq On : 9 Jun 2020 14:25
 Operator : CG/JU
 Sample : L2924-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP

Quant Time: Jun 09 15:18:49 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

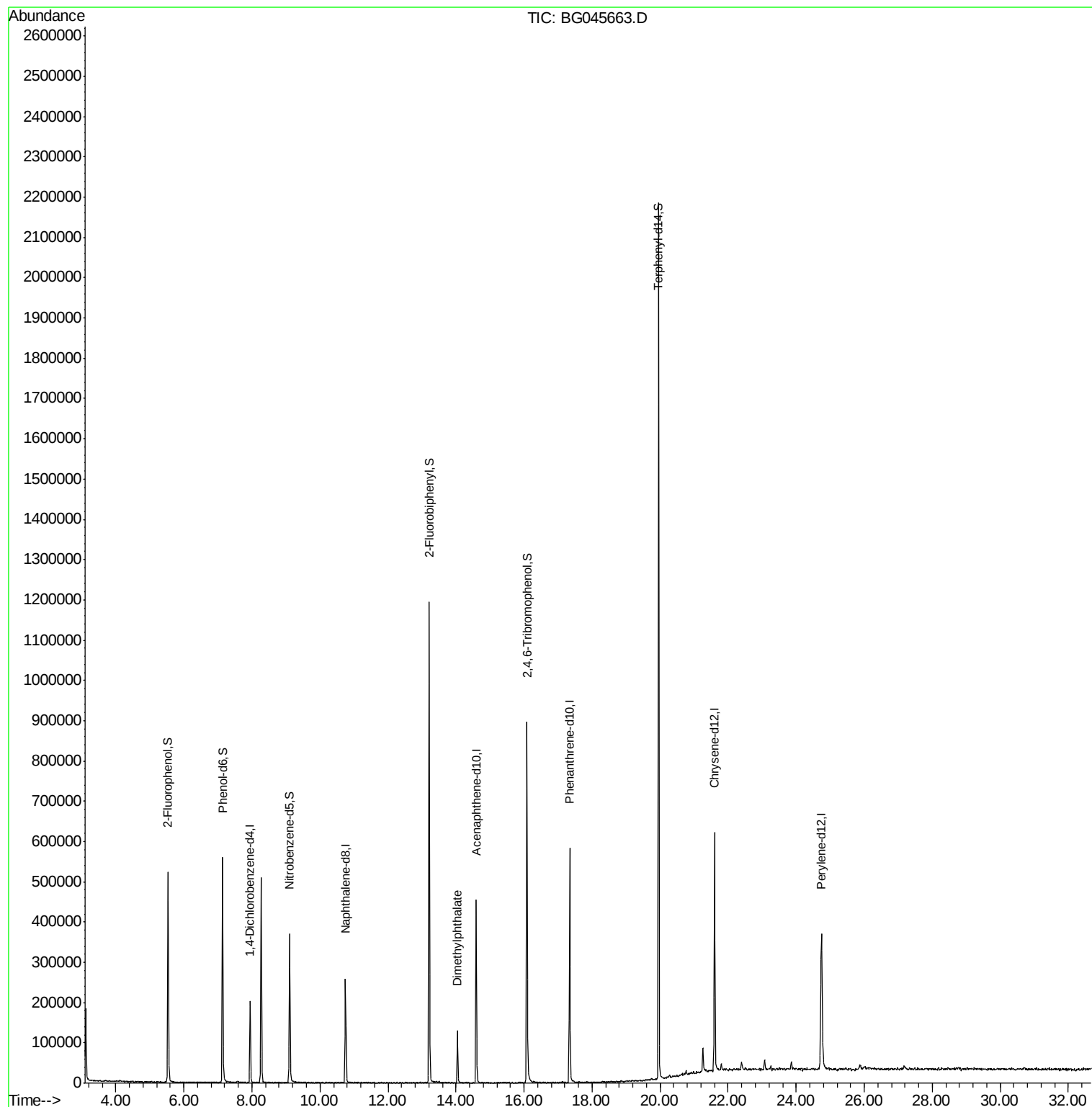
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61266	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	238591	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	170652	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	398612	20.00	ng	0.00
76) Chrysene-d12	21.60	240	394511	20.00	ng	0.00
87) Perylene-d12	24.74	264	411429	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	260412	83.07	ng	0.00
7) Phenol-d6	7.14	99	371593	83.28	ng	-0.01
23) Nitrobenzene-d5	9.11	82	266445	60.90	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	193852	88.82	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	637781	63.39	ng	0.00
79) Terphenyl-d14	19.95	244	1092898	64.61	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	96822	8.27	ng	Qvalue 98

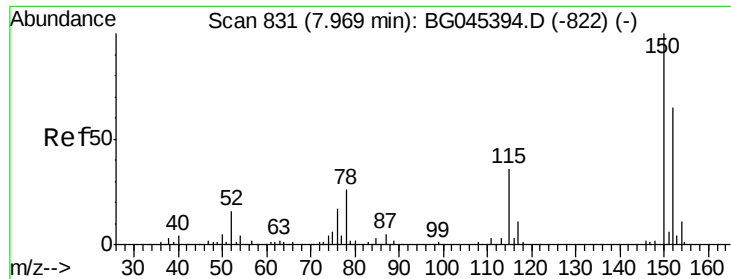
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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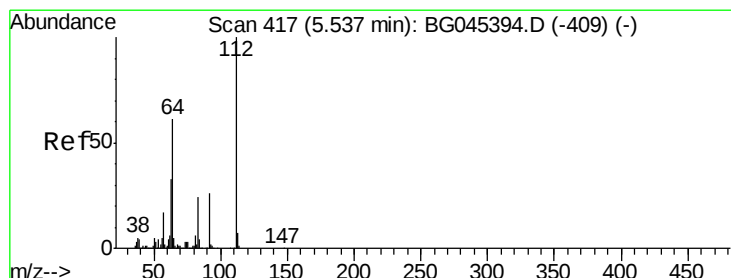
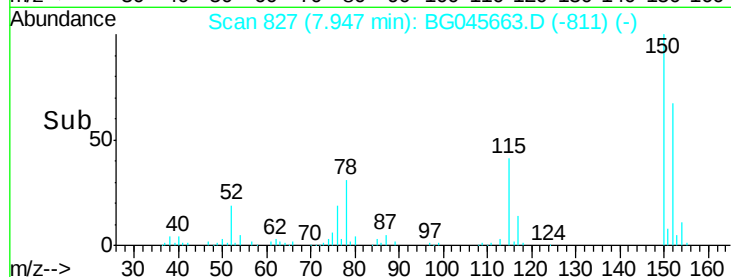
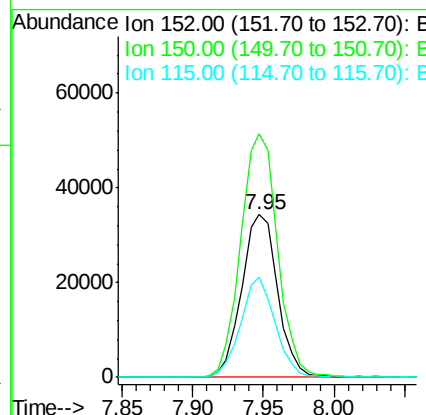
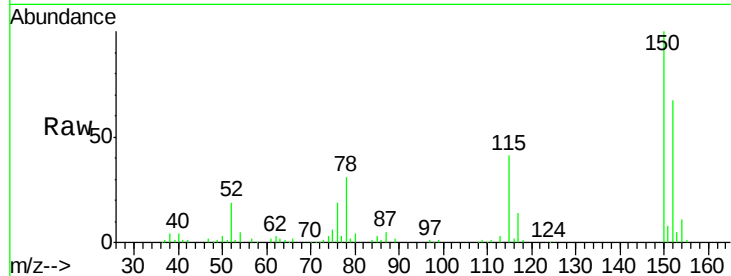




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG045663.D
 Acq: 9 Jun 2020 14:25

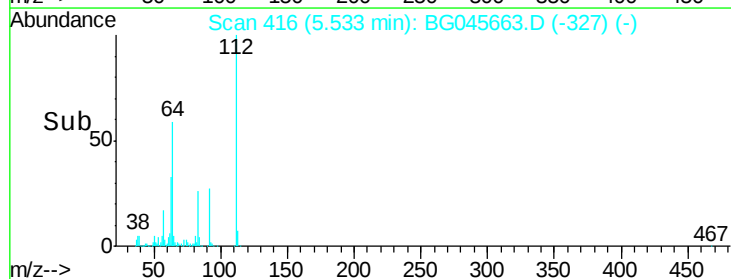
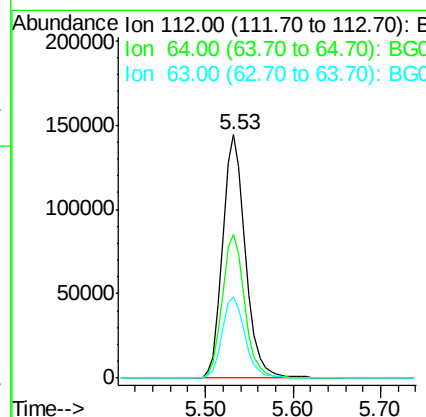
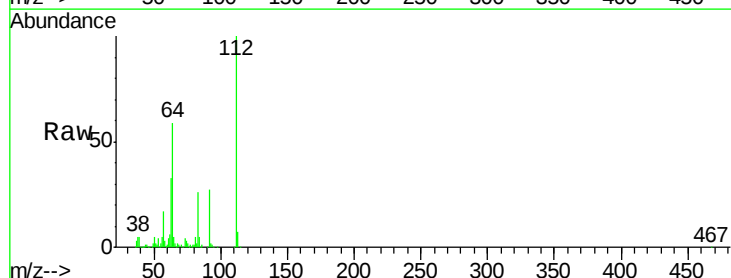
Instrument :
 BNA_G
 ClientSampleId :
 SP

Tgt Ion:152 Resp: 61266
 Ion Ratio Lower Upper
 152 100
 150 149.6 122.4 183.6
 115 61.9 44.2 66.4



#5
 2-Fluorophenol
 Concen: 83.07 ng
 RT: 5.53 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BG045663.D
 Acq: 9 Jun 2020 14:25

Tgt Ion:112 Resp: 260412
 Ion Ratio Lower Upper
 112 100
 64 59.1 48.6 72.8
 63 33.4 26.5 39.7





#7

Phenol-d6

Concen: 83.28 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045663.D

Acq: 9 Jun 2020 14:25

Instrument :

BNA_G

ClientSampled :

SP

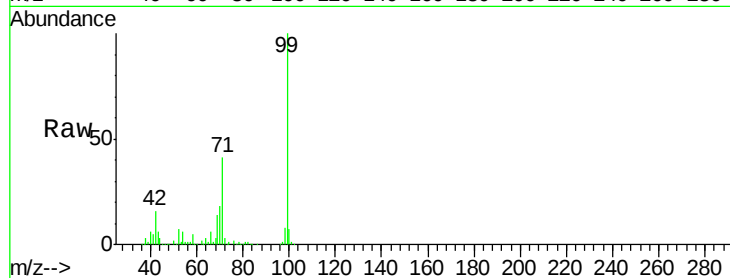
Tgt Ion: 99 Resp: 371593

Ion Ratio Lower Upper

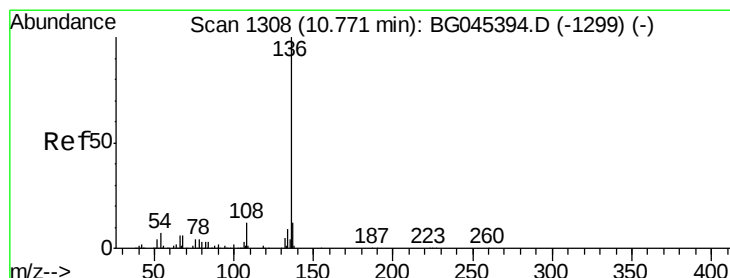
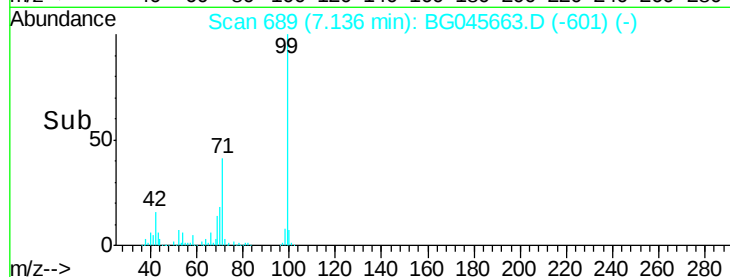
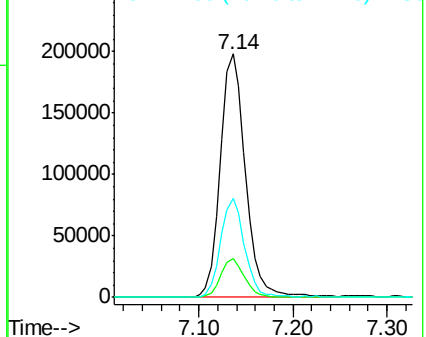
99 100

42 15.8 11.3 16.9

71 40.7 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# 1305

Delta R.T. -0.00 min

Lab File: BG045663.D

Acq: 9 Jun 2020 14:25

Tgt Ion: 136 Resp: 238591

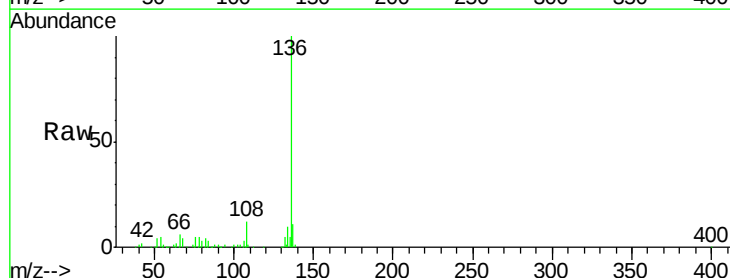
Ion Ratio Lower Upper

136 100

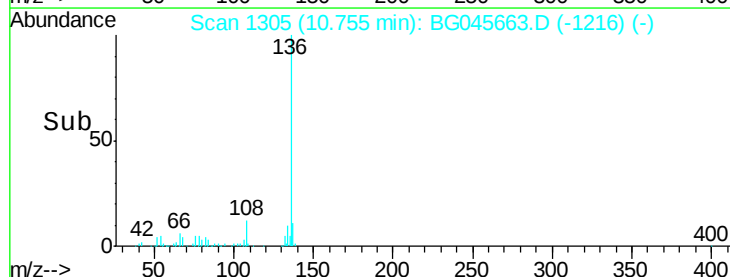
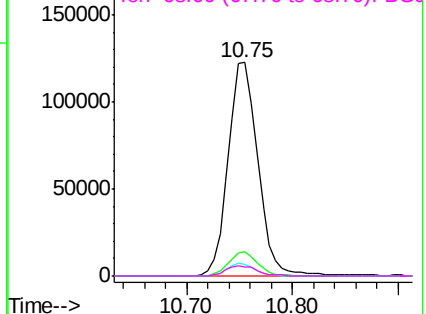
137 11.2 9.4 14.2

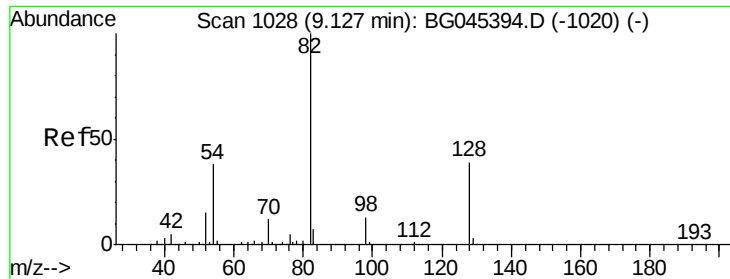
54 5.2 5.8 8.6#

68 4.0 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

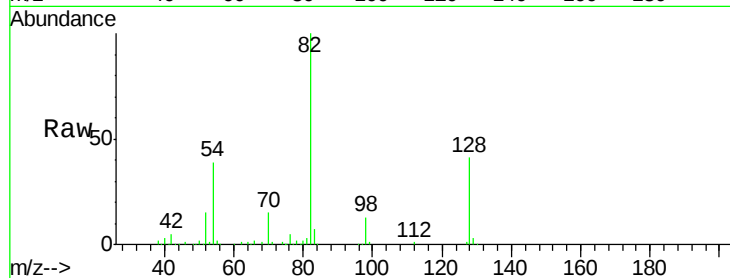




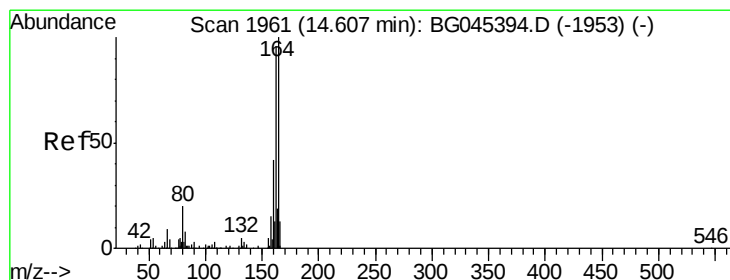
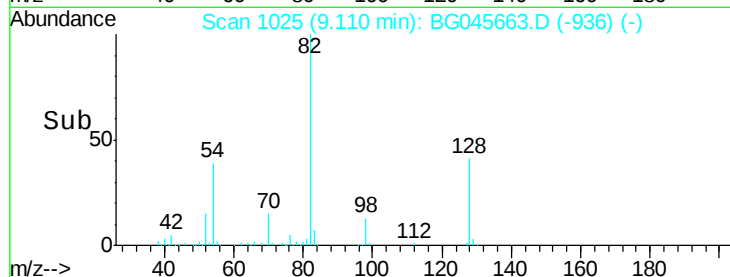
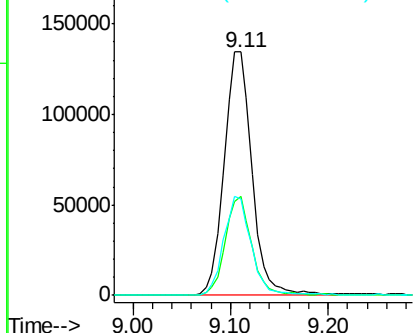
#23
 Nitrobenzene-d5
 Concen: 60.90 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045663.D
 Acq: 9 Jun 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	30.9	46.3
54	39.4	30.3	45.5

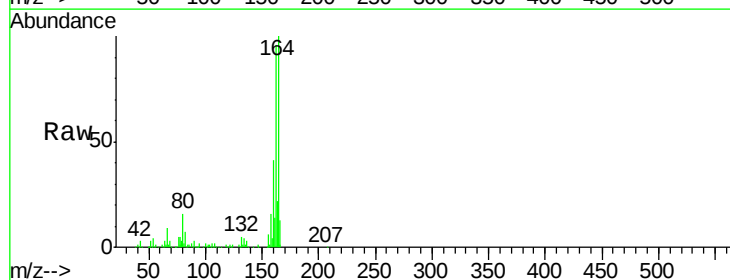


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

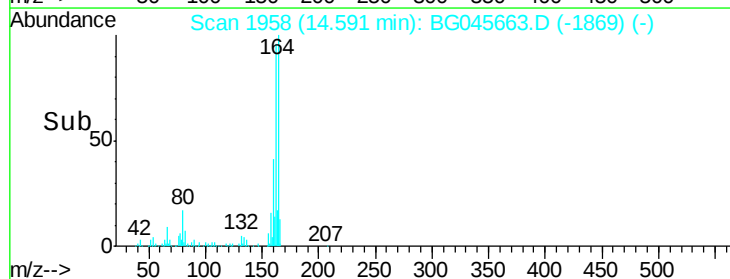
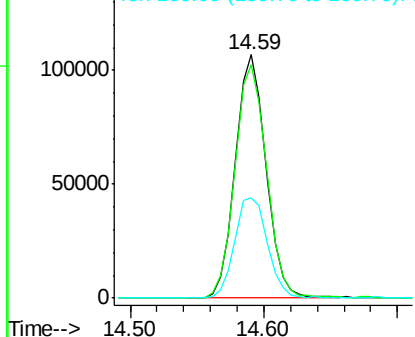


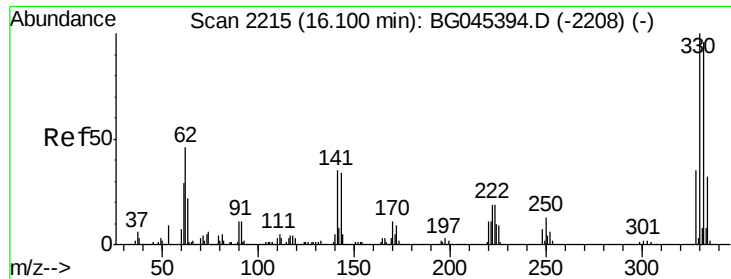
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045663.D
 Acq: 9 Jun 2020 14:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.9	76.9	115.3
160	41.2	33.8	50.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

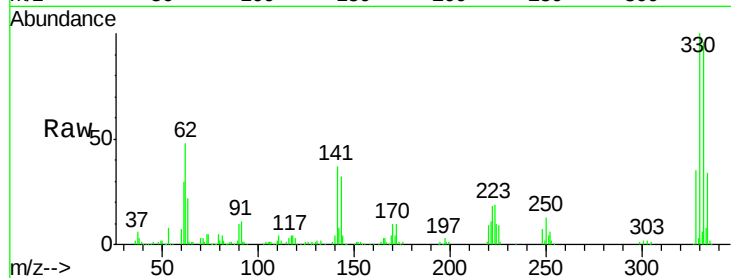




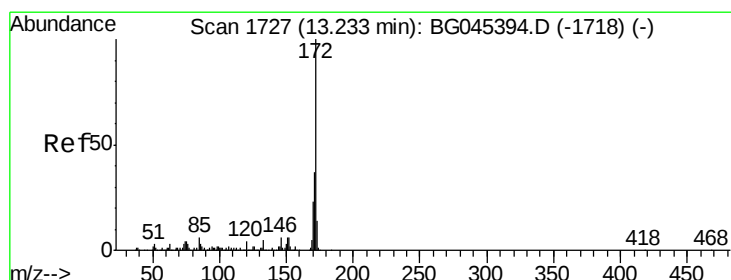
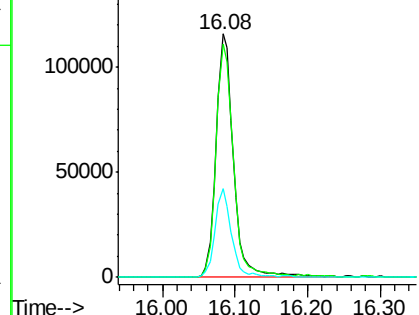
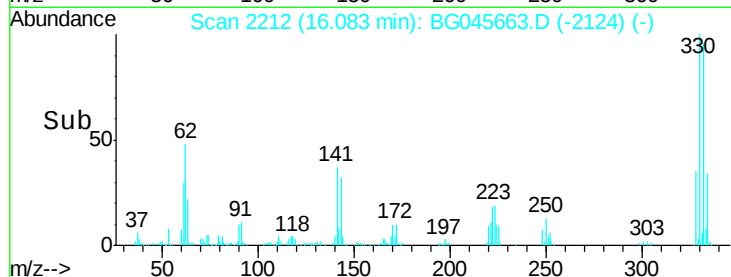
#42
 2,4,6-Tribromophenol
 Concen: 88.82 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045663.D
 Acq: 9 Jun 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :
 SP

Tgt Ion:330 Resp: 193852
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.2 117.4
 141 34.3 28.2 42.4

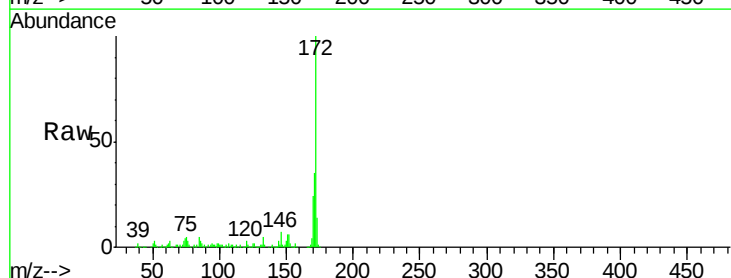


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

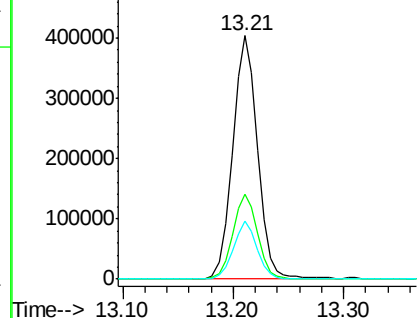
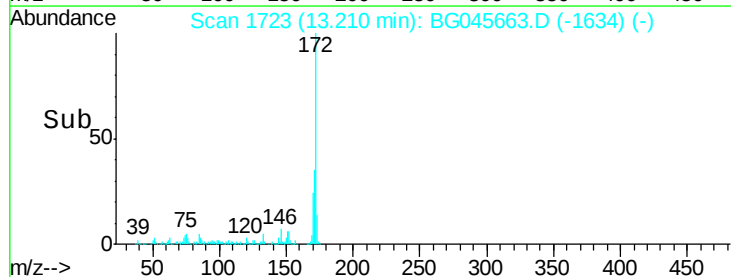


#45
 2-Fluorobiphenyl
 Concen: 63.39 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045663.D
 Acq: 9 Jun 2020 14:25

Tgt Ion:172 Resp: 637781
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.5 44.3
 170 23.9 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: 8.27 ng

RT: 14.04 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045663.D

Acq: 9 Jun 2020 14:25

Instrument :

BNA_G

ClientSampleId :

SP

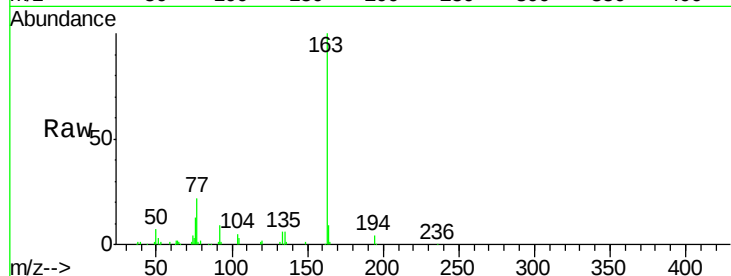
Tgt Ion:163 Resp: 96822

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

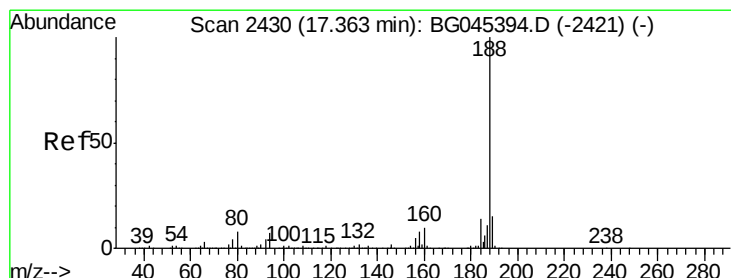
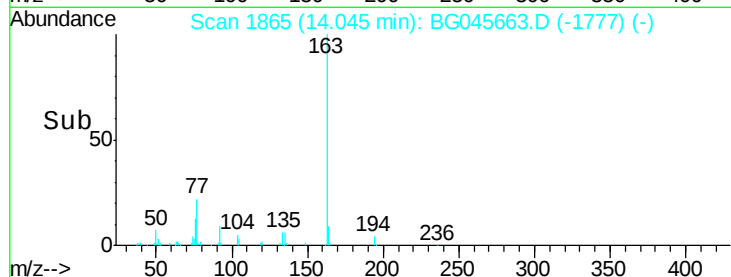
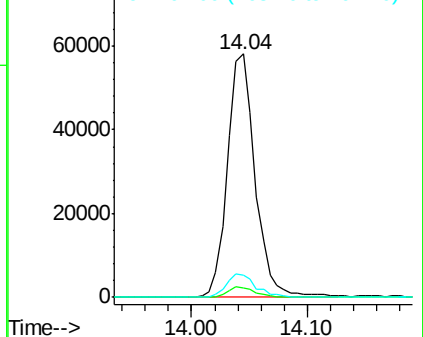
164 9.3 8.3 12.5



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# 2426

Delta R.T. -0.00 min

Lab File: BG045663.D

Acq: 9 Jun 2020 14:25

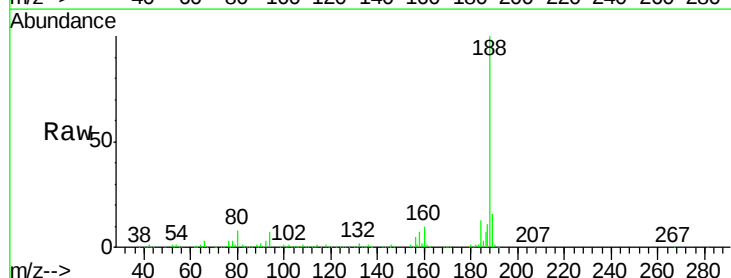
Tgt Ion:188 Resp: 398612

Ion Ratio Lower Upper

188 100

94 6.7 5.5 8.3

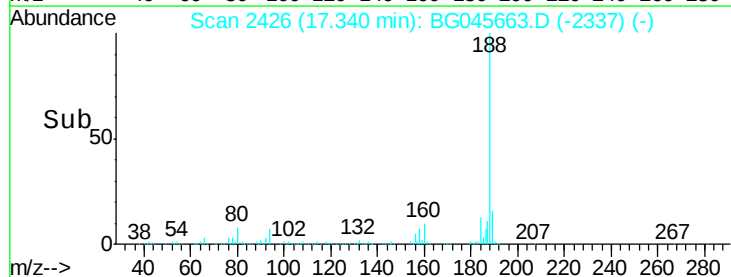
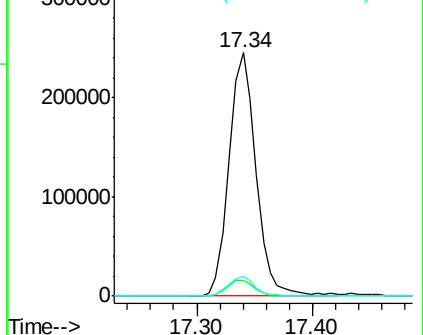
80 8.0 6.6 10.0

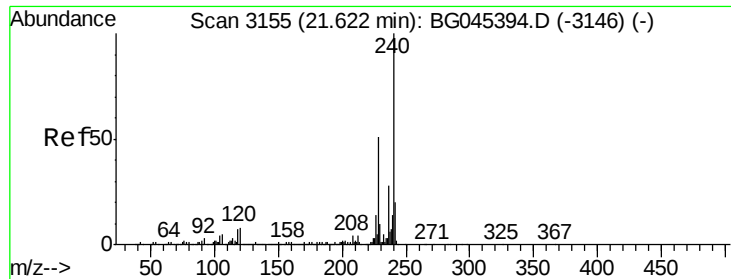


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

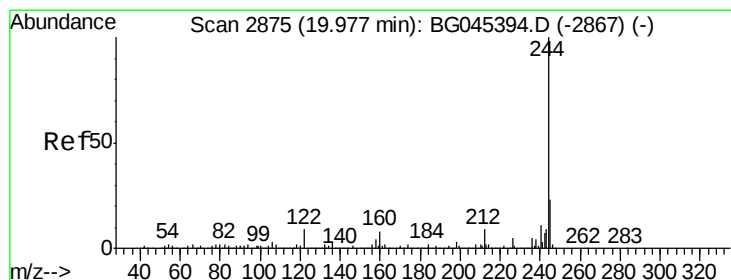
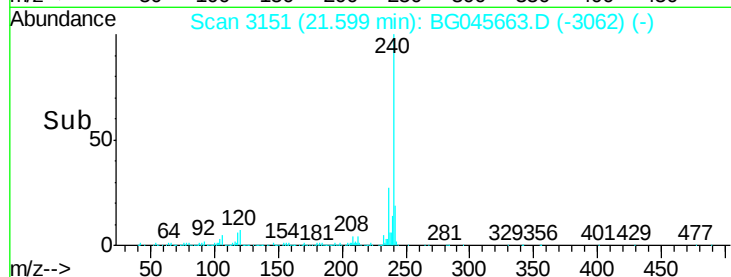
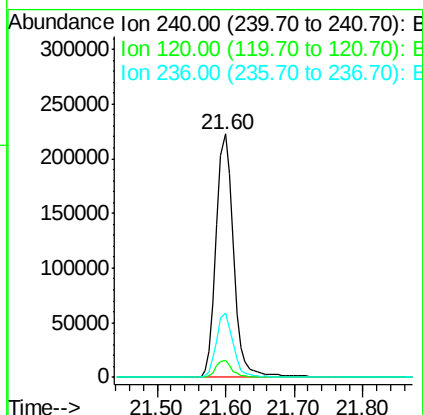
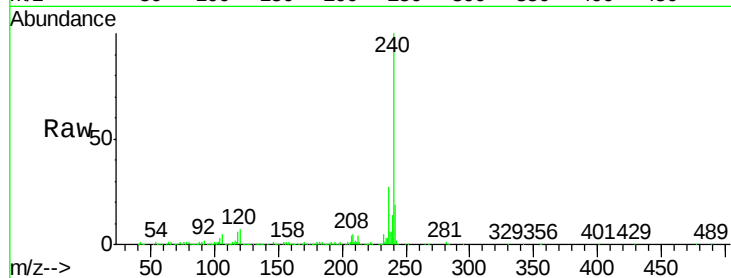




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

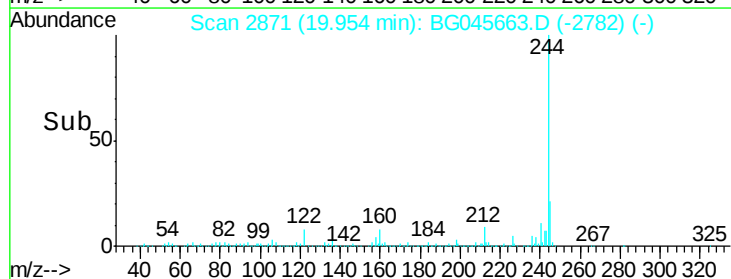
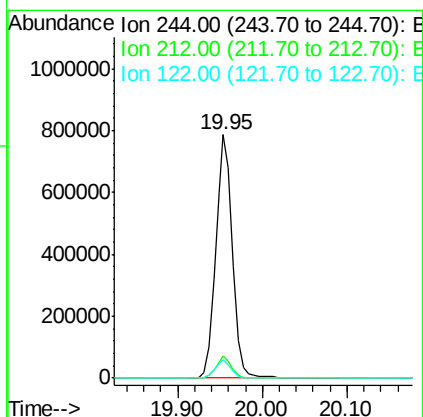
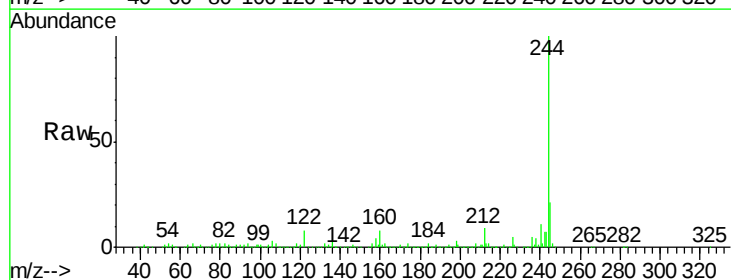
Instrument :
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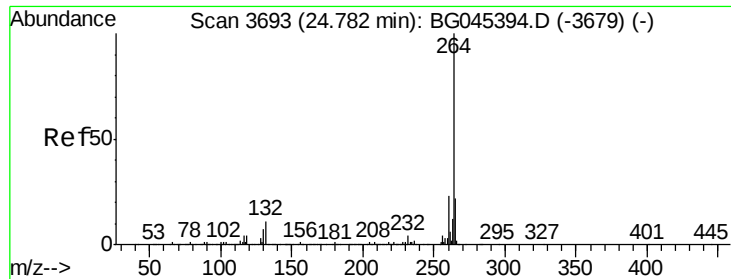
Tgt Ion:240 Resp: 394511
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 26.5 22.3 33.5



#79
Terphenyl-d14
Concen: 64.61 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

Tgt Ion:244 Resp: 1092898
Ion Ratio Lower Upper
244 100
212 8.9 7.4 11.0
122 7.5 6.8 10.2

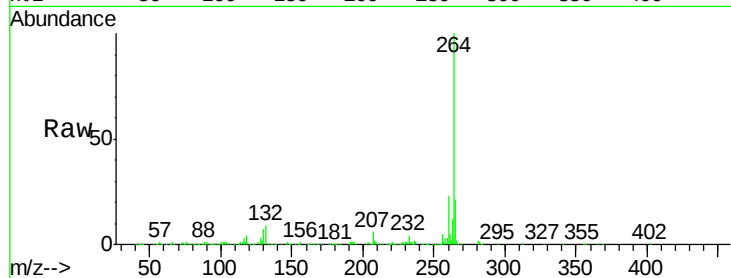




#87
Perylene-d12
Concen: 20.00 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045663.D
Acq: 9 Jun 2020 14:25

Instrument :
BNA_G
ClientSampleId :
SP

Tgt Ion:	264	Resp:	411429
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.0	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

