

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045691.D
 Acq On : 10 Jun 2020 14:33
 Operator : CG/JU
 Sample : L2815-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-060520

Quant Time: Jun 10 15:37:29 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

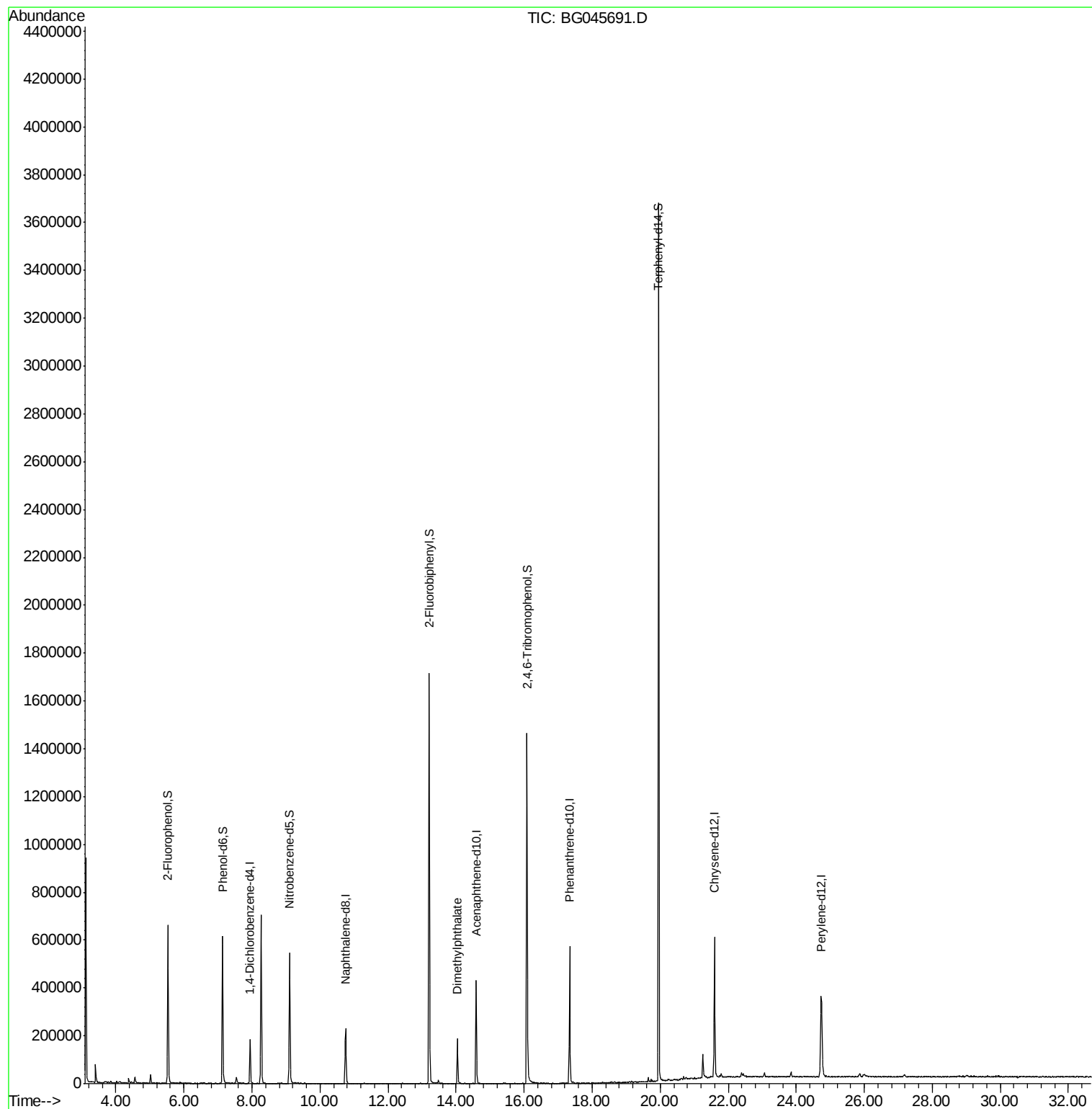
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	52796	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	214373	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	159184	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	391156	20.00	ng	0.00
76) Chrysene-d12	21.60	240	388063	20.00	ng	0.00
87) Perylene-d12	24.74	264	411032	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	318520	117.90	ng	0.00
7) Phenol-d6	7.14	99	400751	104.22	ng	-0.01
23) Nitrobenzene-d5	9.10	82	390997	99.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	314909	154.69	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	932755	99.39	ng	0.00
79) Terphenyl-d14	19.95	244	1743832	104.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	133705	12.244	ng	Qvalue 99

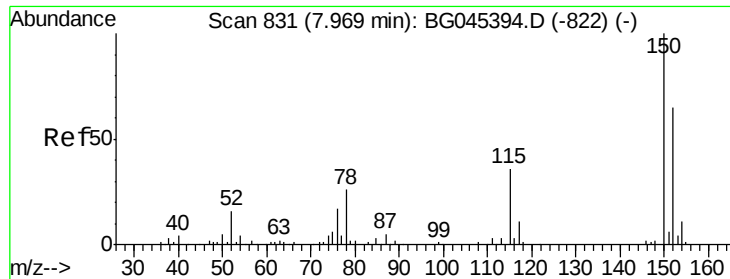
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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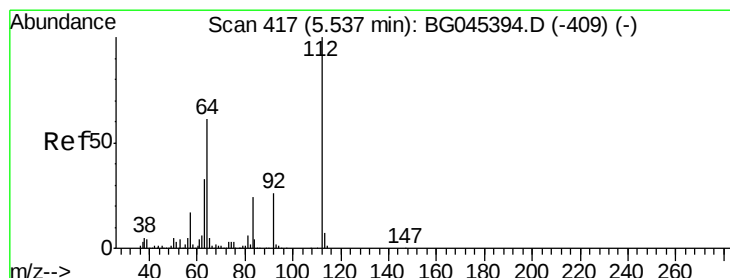
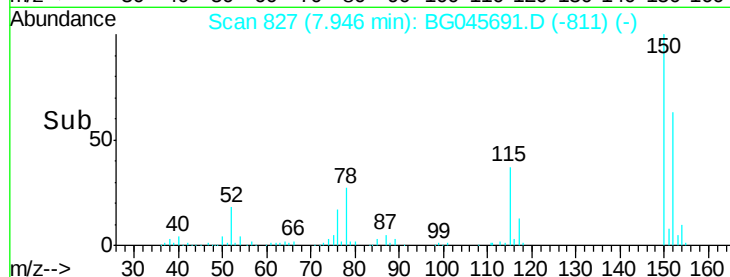
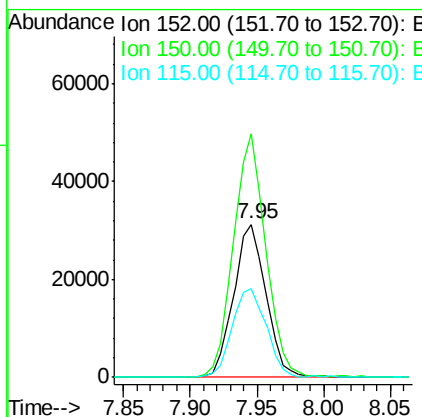
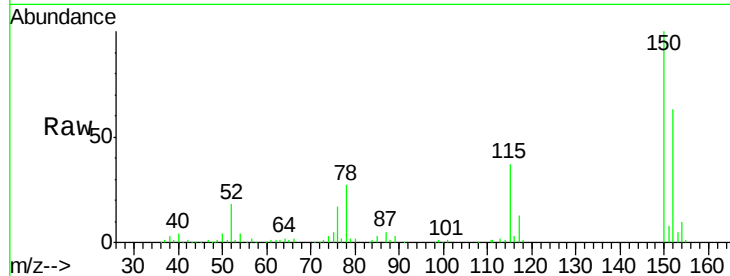


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045691.D
Acq: 10 Jun 2020 14:33

Instrument :
BNA_G
ClientSampleId :
OR-02-060520

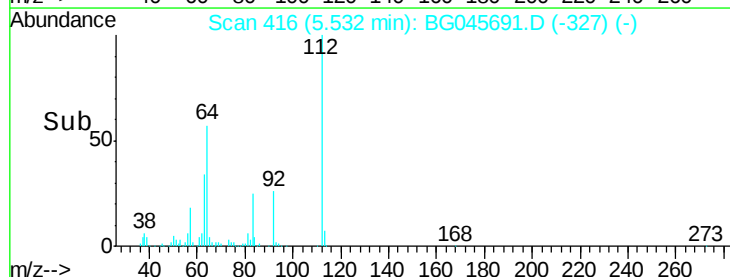
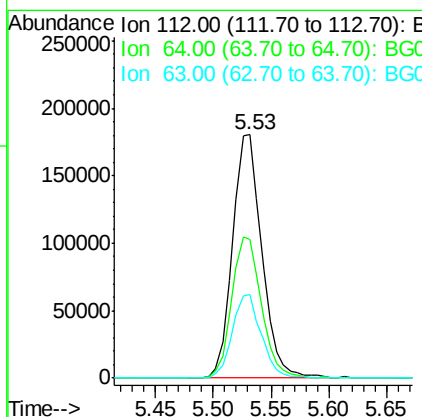
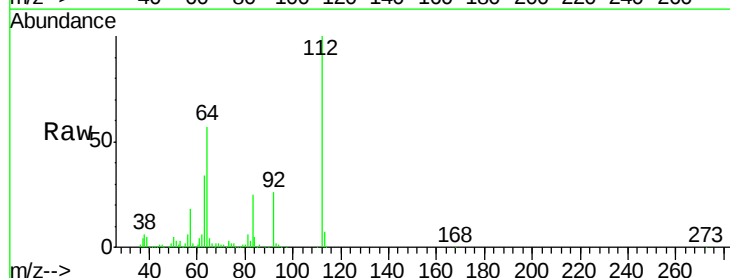
Tot Ion:152 Resp: 52796
Ion Ratio Lower Upper
152 100
150 159.1 122.4 183.6
115 58.3 44.2 66.4

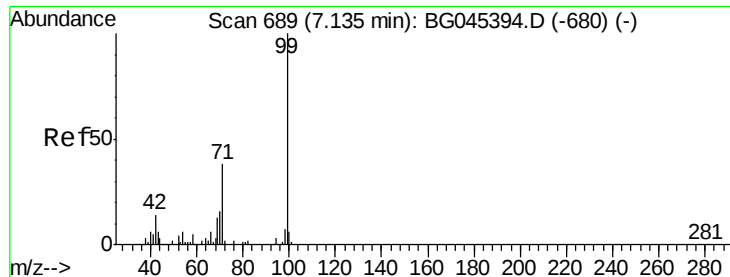


#5

2-Fluorophenol
Concen: 117.903 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045691.D
Acq: 10 Jun 2020 14:33

Tgt Ion:112 Resp: 318520
Ion Ratio Lower Upper
112 100
64 57.1 48.6 72.8
63 34.4 26.5 39.7





#7

Phenol-d6

Concen: 104.224 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045691.D

Acq: 10 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

OR-02-060520

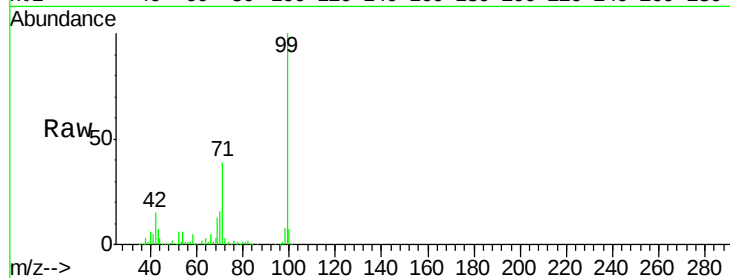
Tot Ion: 99 Resp: 400751

Ion Ratio Lower Upper

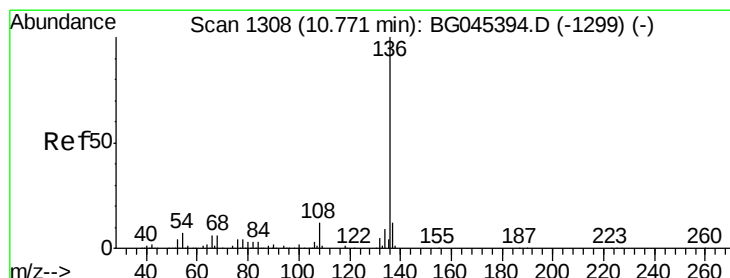
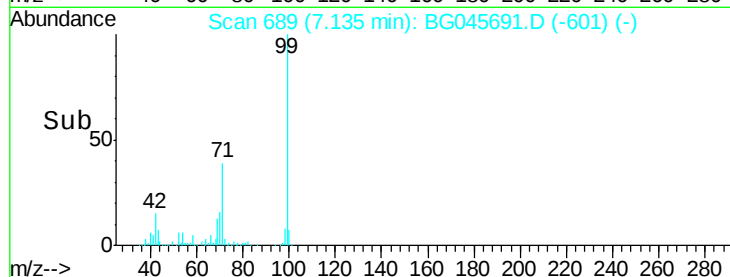
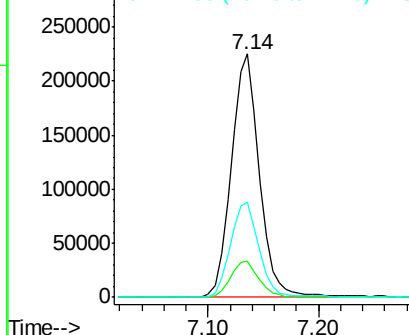
99 100

42 14.8 11.3 16.9

71 39.3 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: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045691.D

Acq: 10 Jun 2020 14:33

Tgt Ion: 136 Resp: 214373

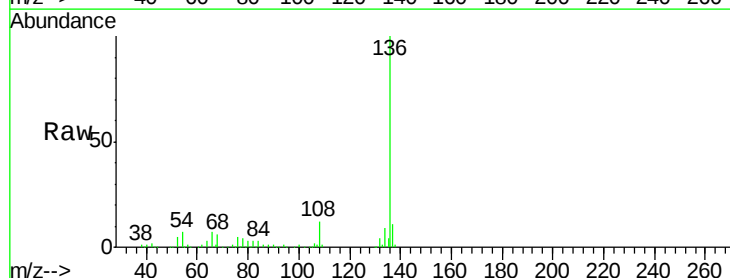
Ion Ratio Lower Upper

136 100

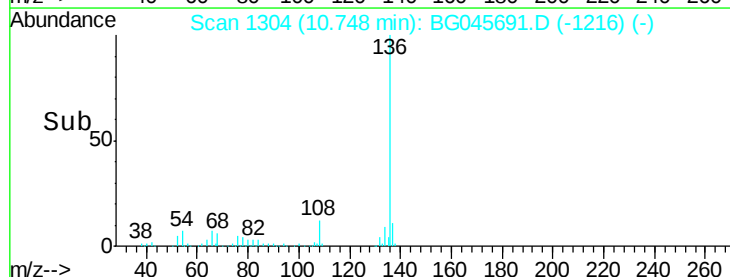
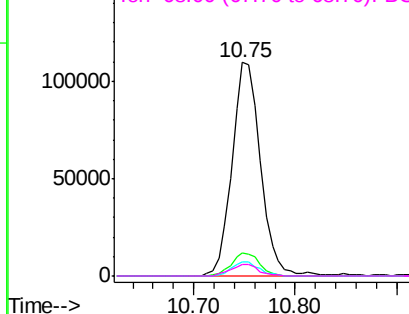
137 10.7 9.4 14.2

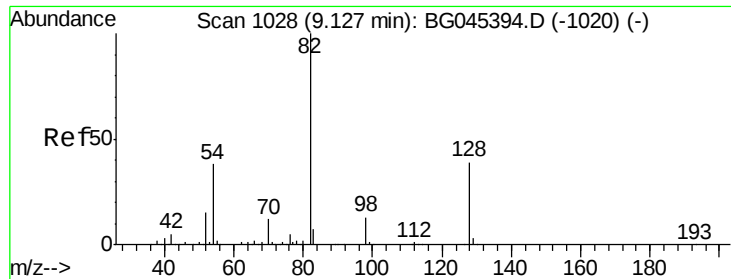
54 6.6 5.8 8.6

68 5.7 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

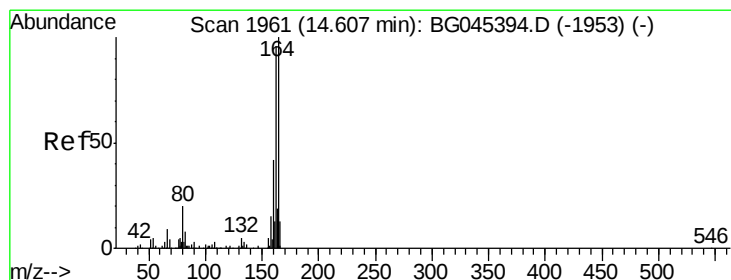
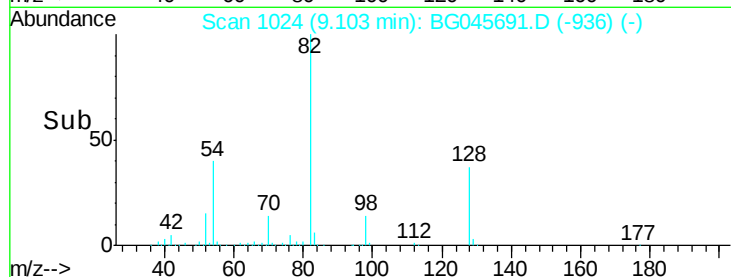
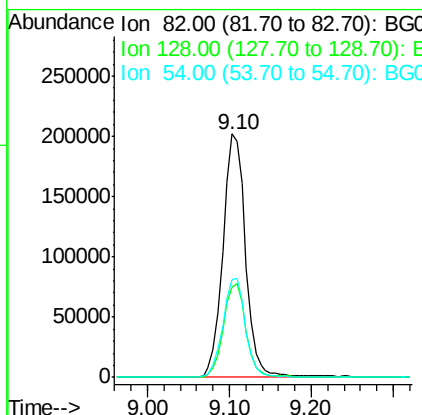
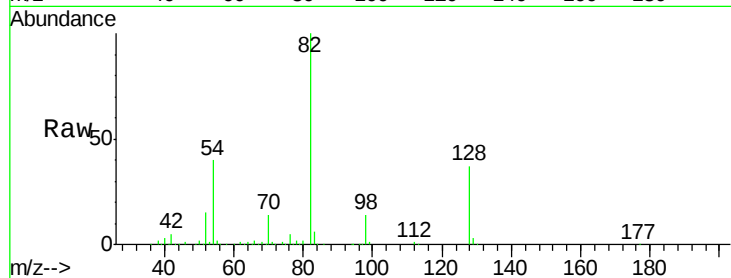




#23
Nitrobenzene-d5
Concen: 99.461 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045691.D
Acq: 10 Jun 2020 14:33

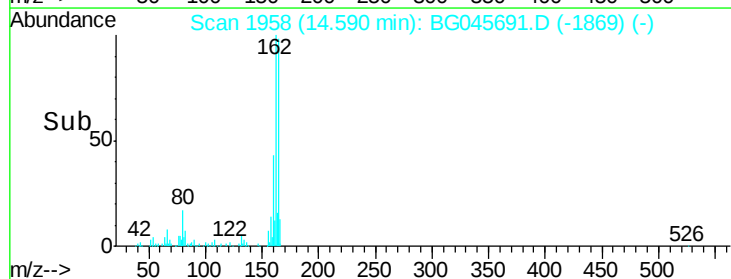
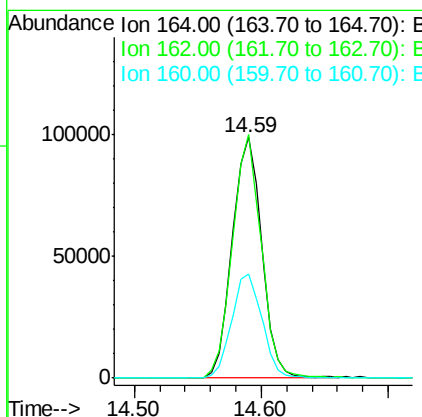
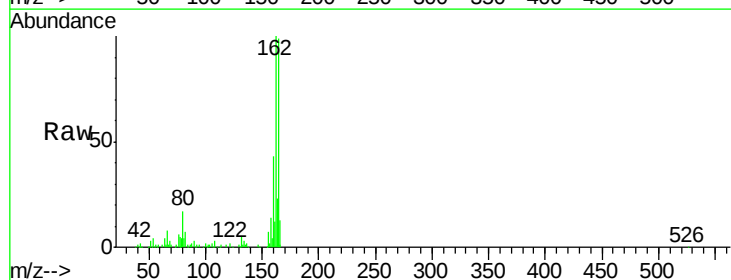
Instrument :
BNA_G
ClientSampleId :
OR-02-060520

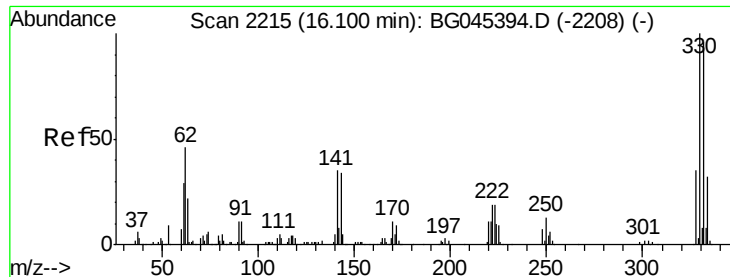
Tot Ion	82	Resp	390997
Ion Ratio	Lower	Upper	
82	100		
128	36.8	30.9	46.3
54	40.1	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG045691.D
Acq: 10 Jun 2020 14:33

Tgt Ion	164	Resp	159184
Ion Ratio	Lower	Upper	
164	100		
162	101.2	76.9	115.3
160	43.2	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 154.687 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045691.D

Acq: 10 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

OR-02-060520

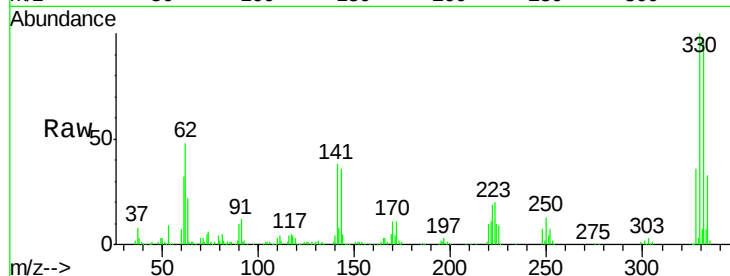
Tot Ion:330 Resp: 314909

Ion Ratio Lower Upper

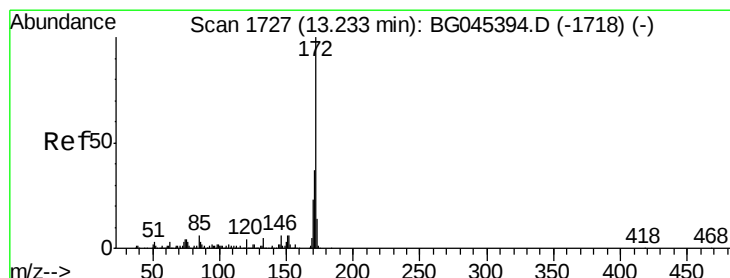
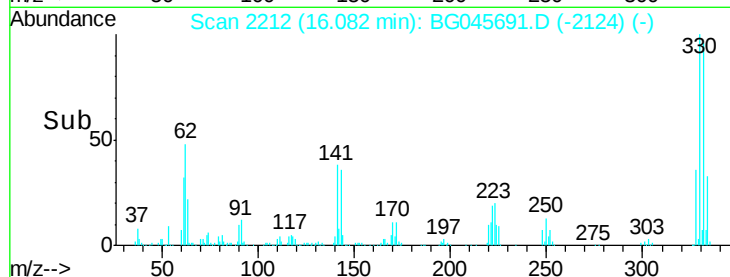
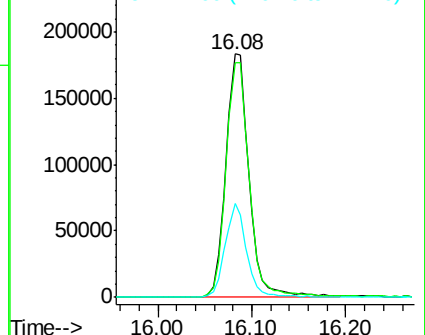
330 100

332 98.0 78.2 117.4

141 35.7 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: 99.391 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG045691.D

Acq: 10 Jun 2020 14:33

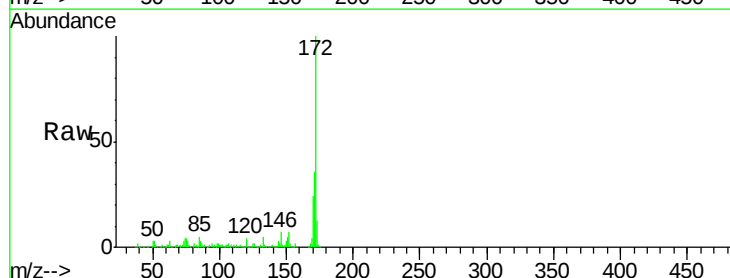
Tgt Ion:172 Resp: 932755

Ion Ratio Lower Upper

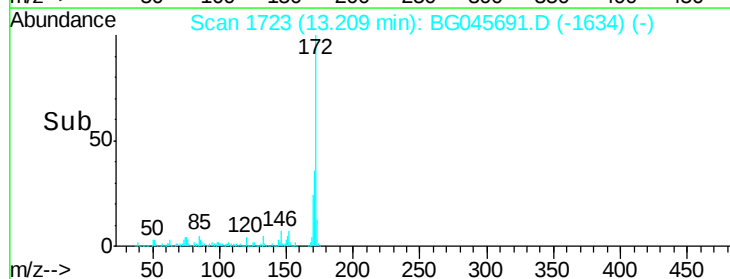
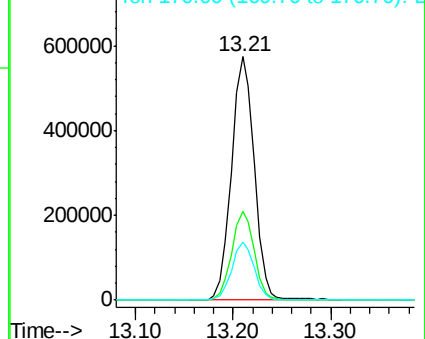
172 100

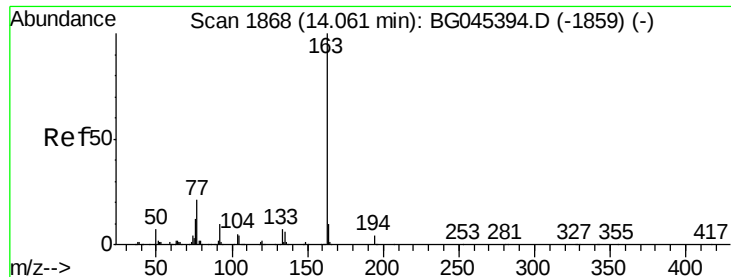
171 36.3 29.5 44.3

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: 12.244 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BG045691.D

Acq: 10 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

OR-02-060520

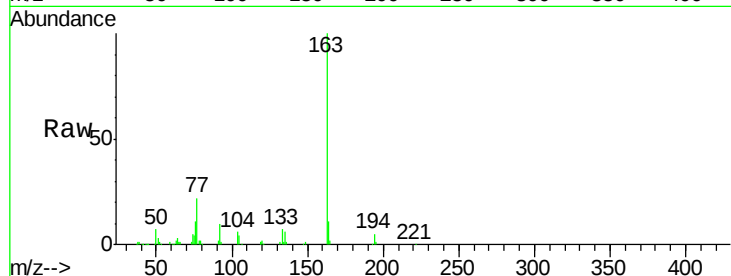
Tot Ion:163 Resp: 133705

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

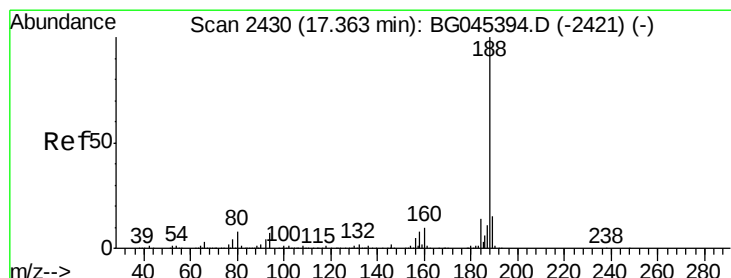
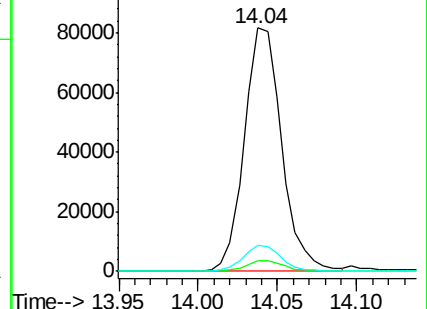
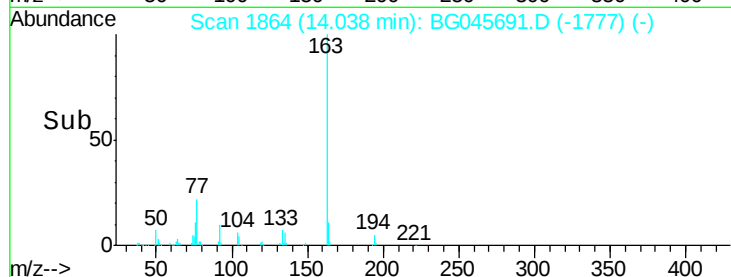
164 10.5 8.3 12.5



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: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG045691.D

Acq: 10 Jun 2020 14:33

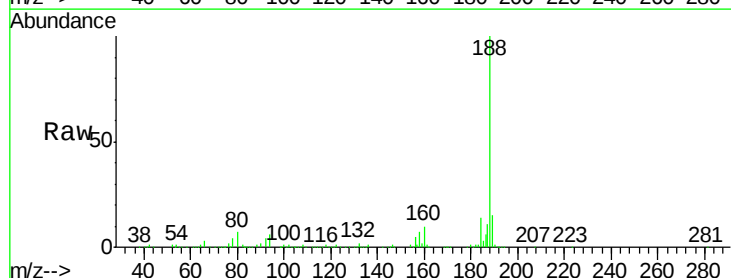
Tgt Ion:188 Resp: 391156

Ion Ratio Lower Upper

188 100

94 6.3 5.5 8.3

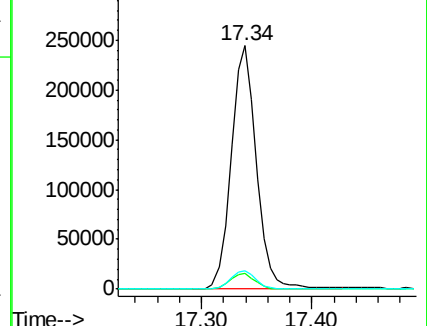
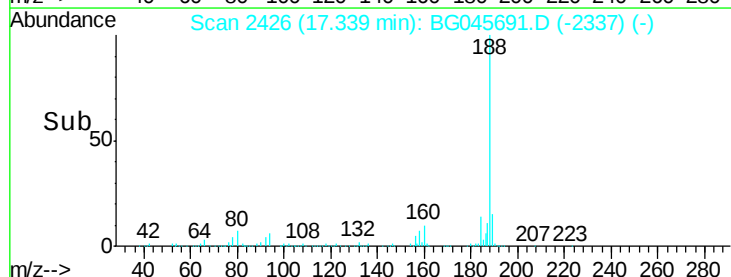
80 7.4 6.6 10.0

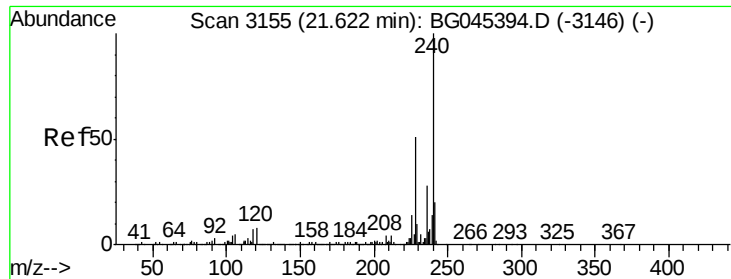


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

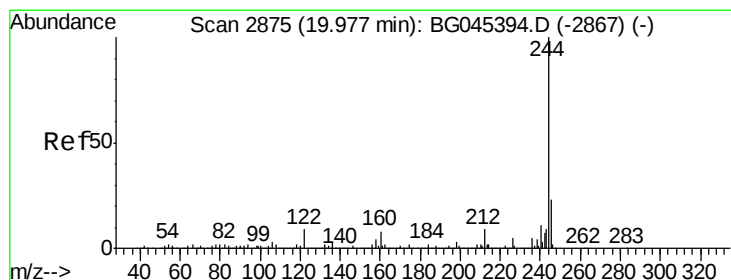
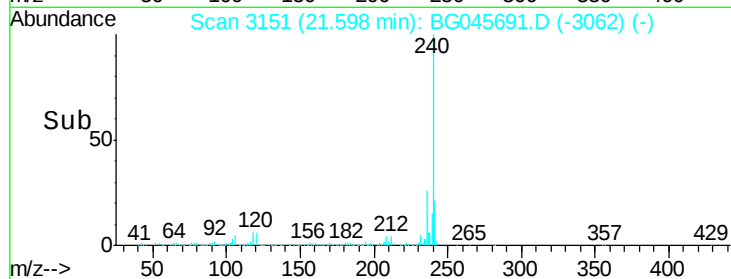
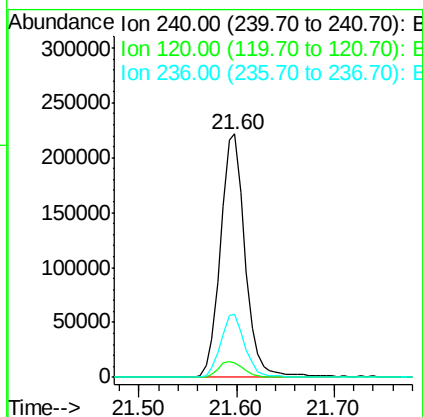
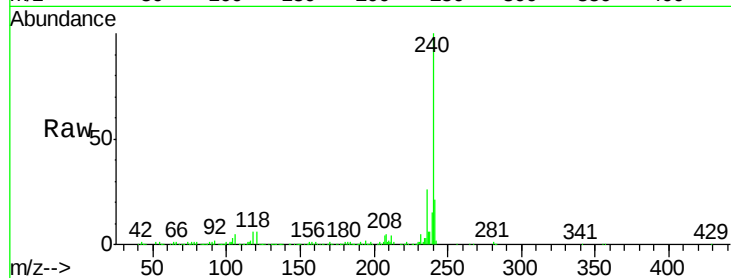




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG045691.D
Acq: 10 Jun 2020 14:33

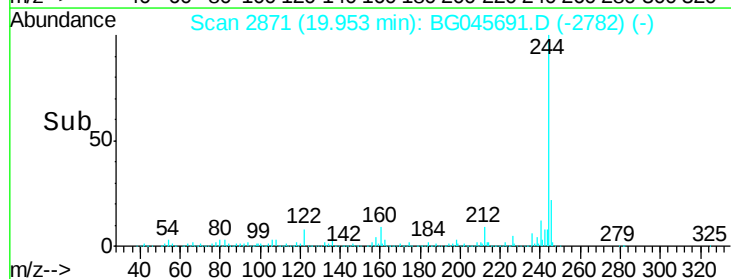
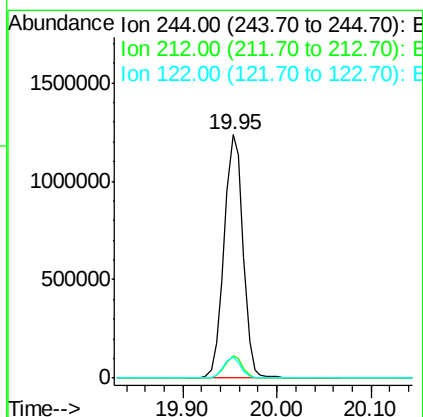
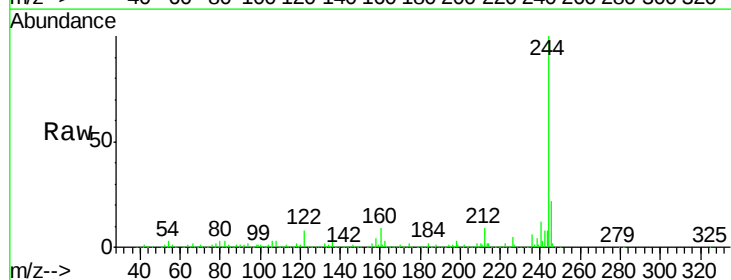
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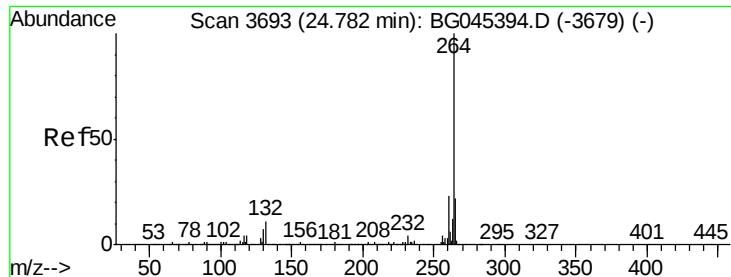
Tot Ion:240 Resp: 388063
Ion Ratio Lower Upper
240 100
120 6.1 6.1 9.1#
236 26.2 22.3 33.5



#79
Terphenyl-d14
Concen: 104.806 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BG045691.D
Acq: 10 Jun 2020 14:33

Tgt Ion:244 Resp: 1743832
Ion Ratio Lower Upper
244 100
212 9.3 7.4 11.0
122 8.4 6.8 10.2

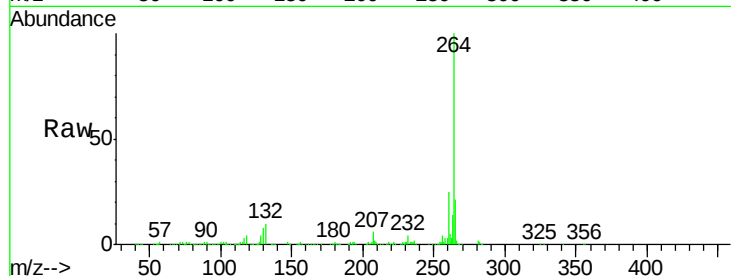




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG045691.D
 Acq: 10 Jun 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-060520

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	21.1	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

