

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044753.D
 Acq On : 13 Mar 2020 3:26
 Operator : CG/JU
 Sample : L1853-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-EC-52-G

Quant Time: Mar 13 07:43:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

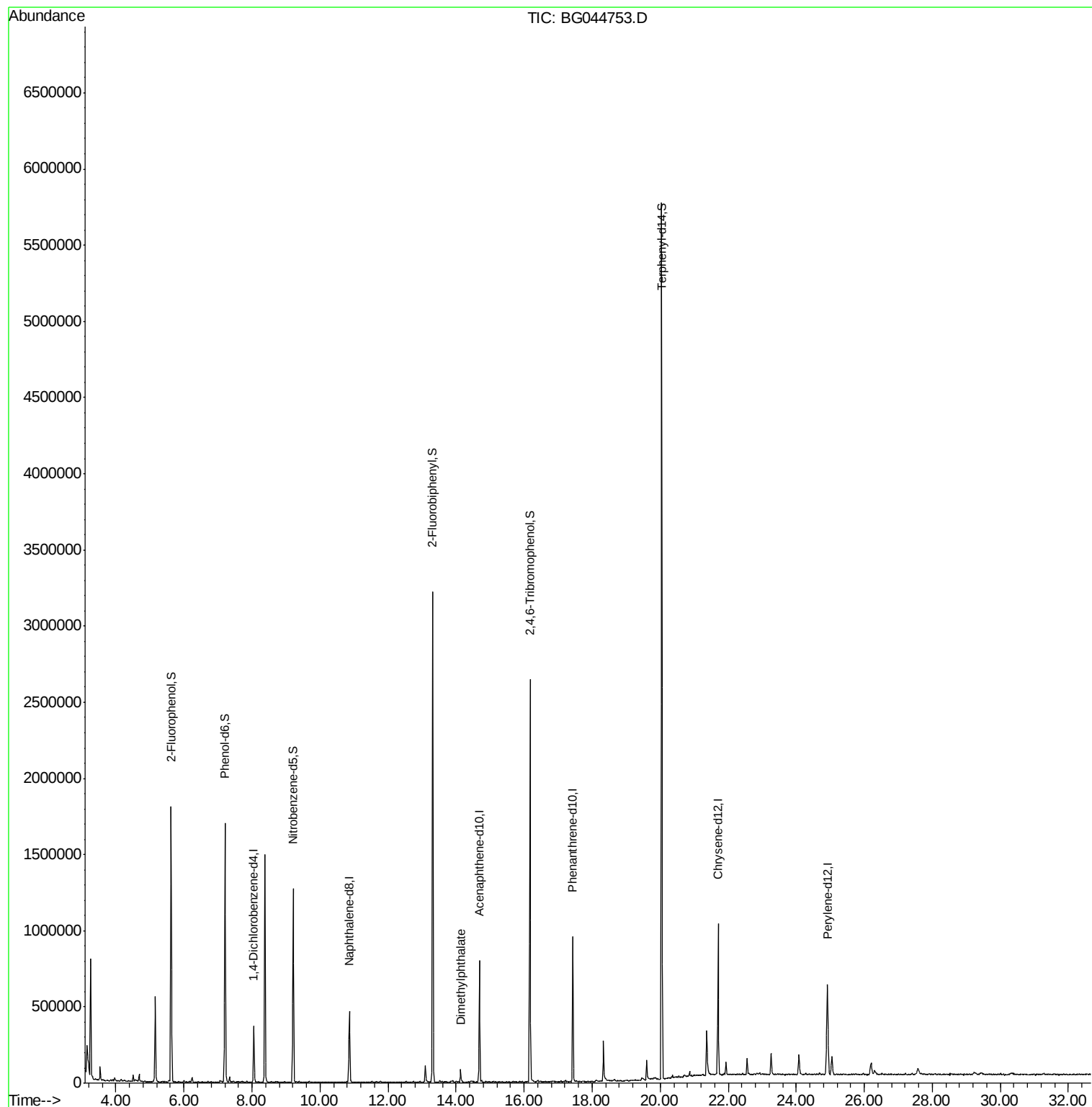
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	99841	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	398249	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	272554	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	607493	20.00	ng	0.00
76) Chrysene-d12	21.70	240	552245	20.00	ng	-0.01
87) Perylene-d12	24.92	264	633700	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	752141	117.27	ng	0.00
7) Phenol-d6	7.21	99	993245	106.59	ng	0.00
23) Nitrobenzene-d5	9.21	82	810239	89.28	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	474819	133.05	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1653690	86.89	ng	0.00
79) Terphenyl-d14	20.04	244	2547907	86.30	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	53569	2.468	ng	Qvalue 98

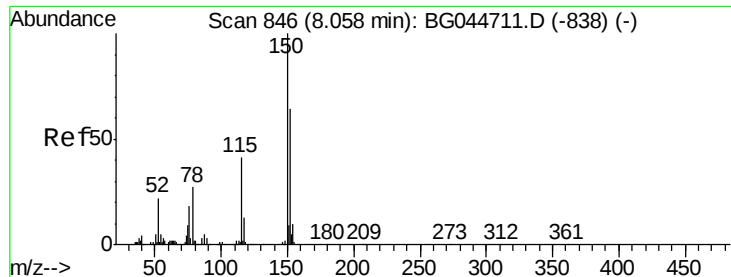
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 10 16:27:39 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG044753.D

Acq: 13 Mar 2020 3:26

Instrument :

BNA_G

ClientSampled :

CB-EC-52-G

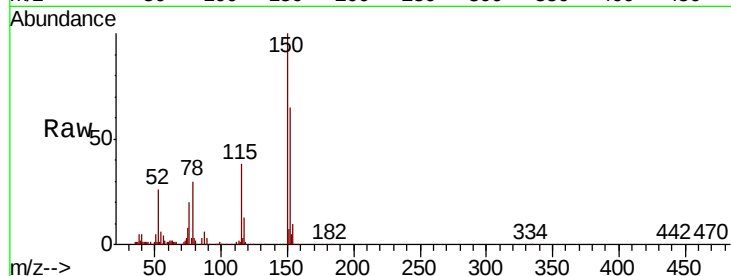
Tot Ion:152 Resp: 99841

Ion Ratio Lower Upper

152 100

150 154.8 125.3 187.9

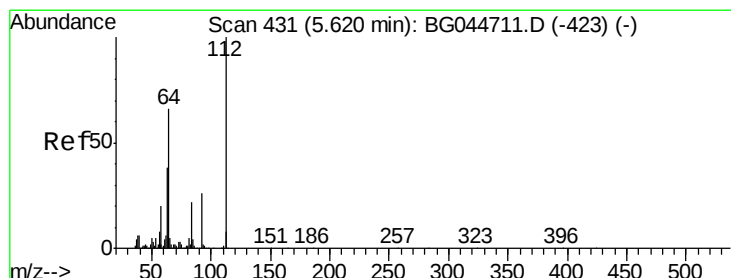
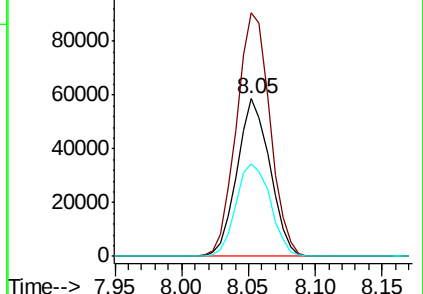
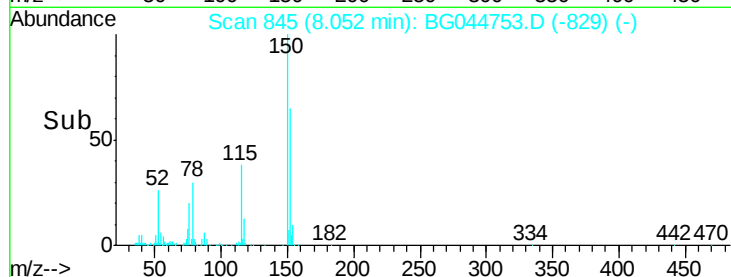
115 58.8 51.7 77.5



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: 117.272 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044753.D

Acq: 13 Mar 2020 3:26

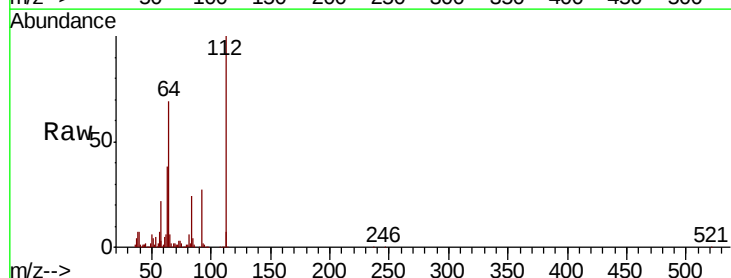
Tgt Ion:112 Resp: 752141

Ion Ratio Lower Upper

112 100

64 68.8 52.6 78.8

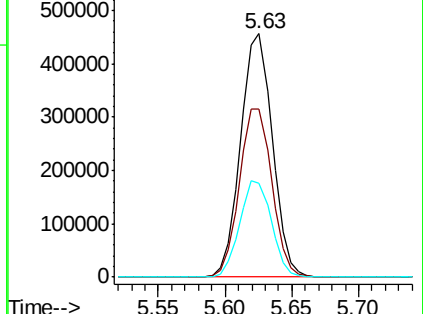
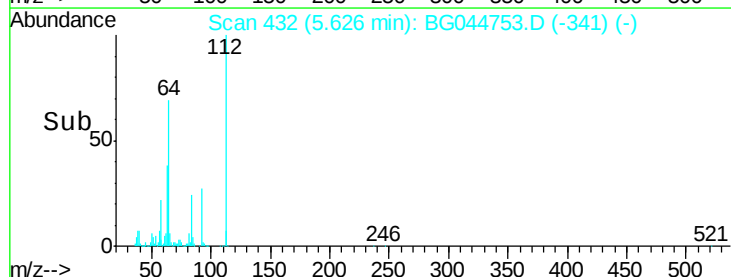
63 38.5 30.2 45.4

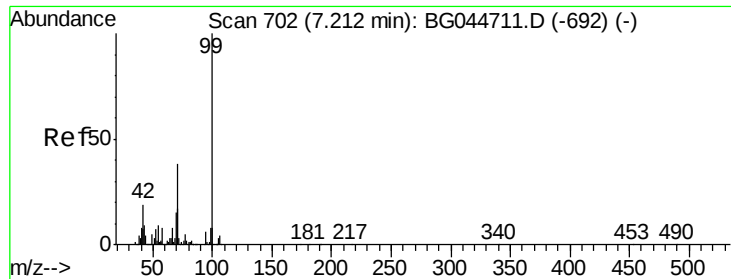


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 106.587 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044753.D

Acq: 13 Mar 2020 3:26

Instrument :

BNA_G

ClientSampleId :

CB-EC-52-G

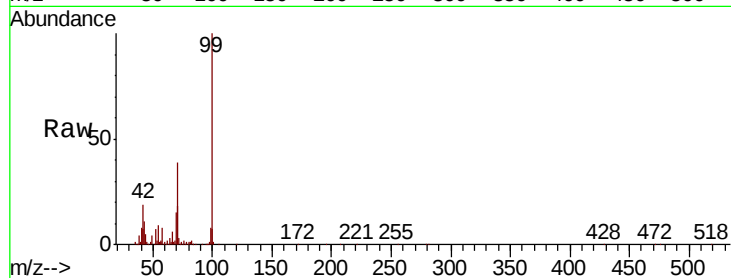
Tot Ion: 99 Resp: 993245

Ion Ratio Lower Upper

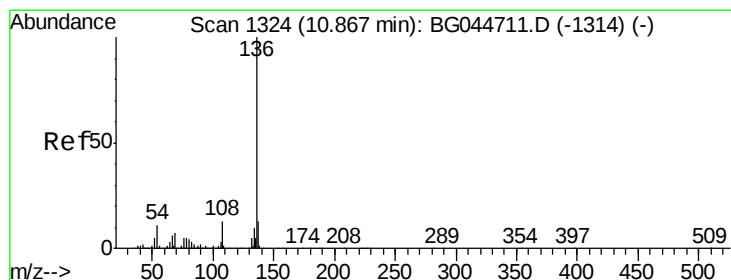
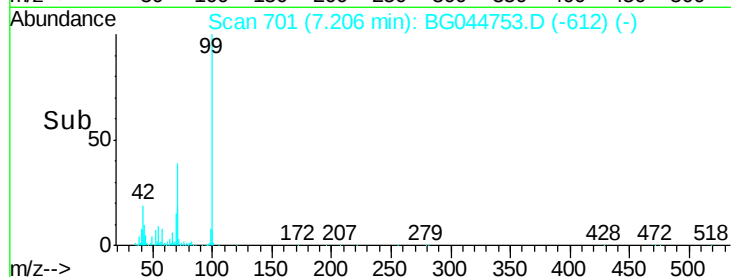
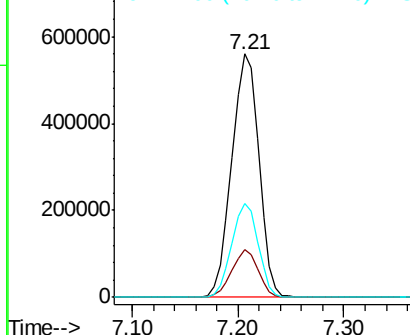
99 100

42 19.5 15.4 23.0

71 38.8 30.2 45.4



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: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG044753.D

Acq: 13 Mar 2020 3:26

Tgt Ion: 136 Resp: 398249

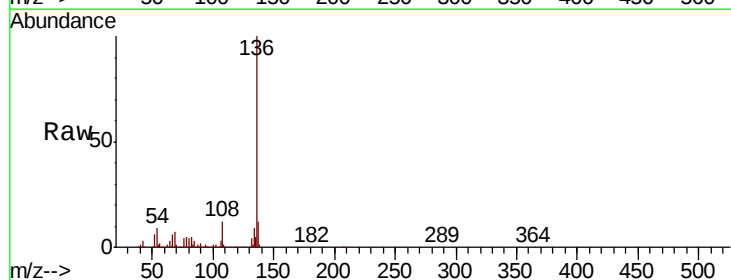
Ion Ratio Lower Upper

136 100

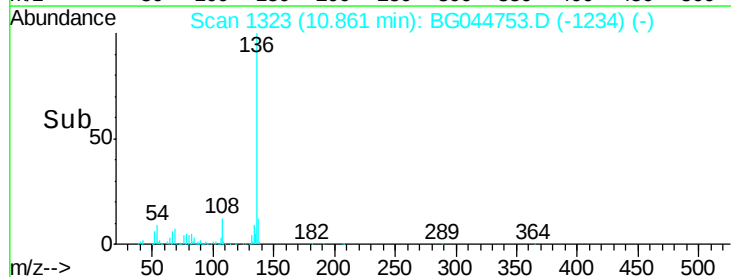
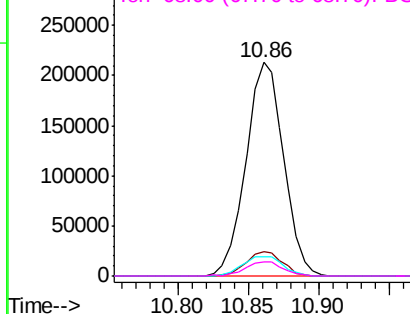
137 11.5 10.7 16.1

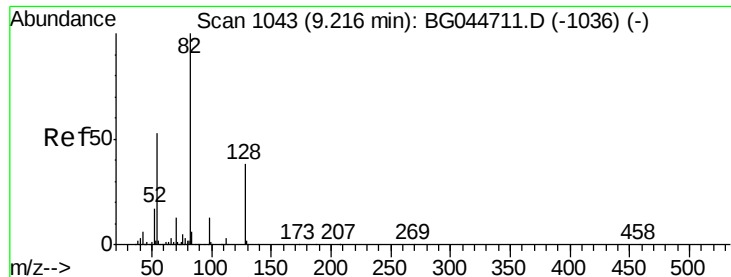
54 9.3 9.0 13.4

68 6.8 5.9 8.9



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

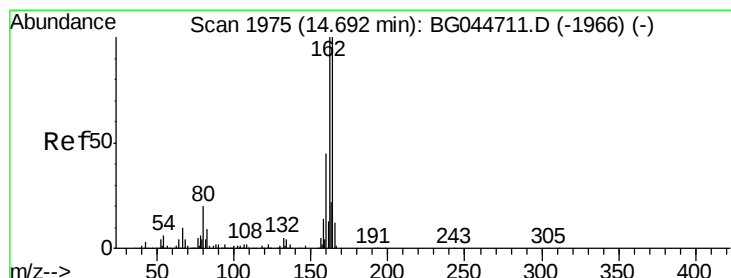
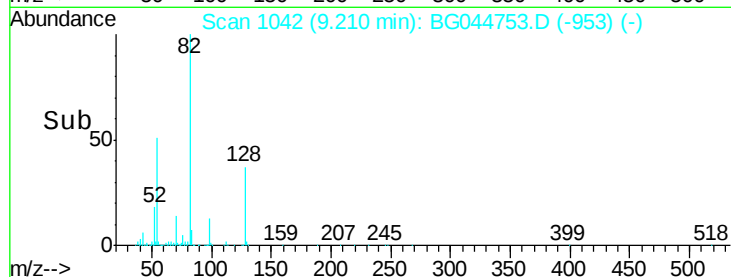
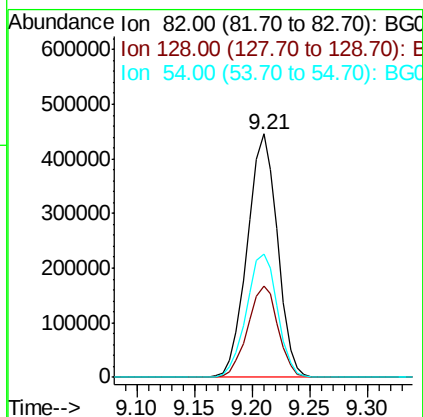
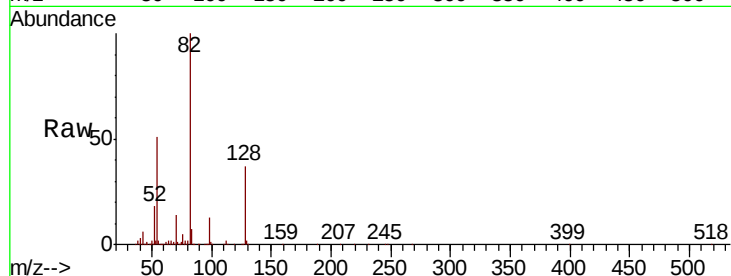




#23
Nitrobenzene-d5
Concen: 89.277 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

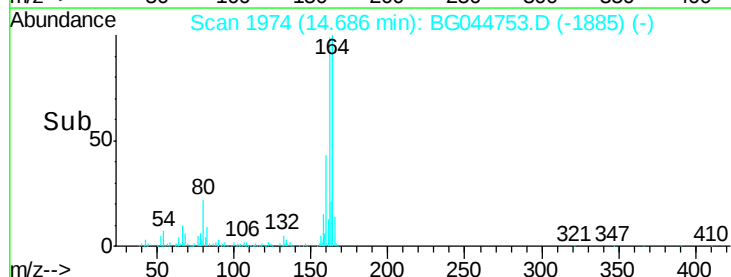
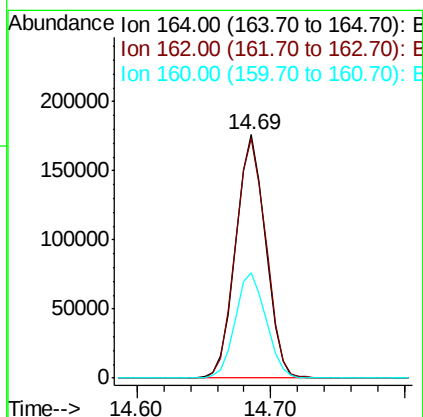
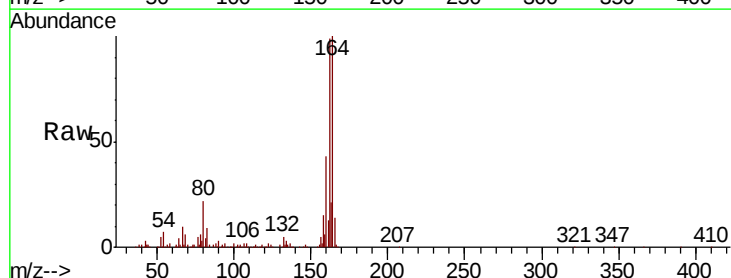
Instrument :
BNA_G
ClientSampleId :
CB-EC-52-G

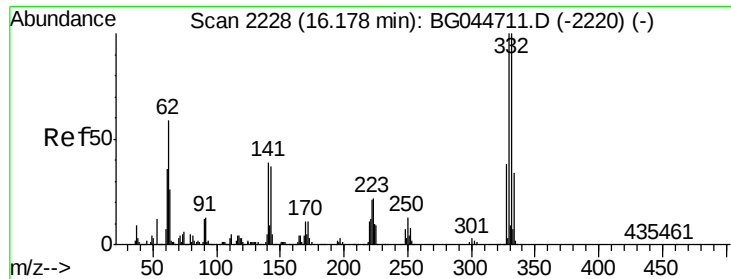
Tot Ion	82	Resp	810239
Ion Ratio	Lower	Upper	
82	100		
128	37.4	30.2	45.2
54	50.5	41.8	62.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion	164	Resp	272554
Ion Ratio	Lower	Upper	
164	100		
162	98.5	80.2	120.4
160	43.3	36.2	54.2

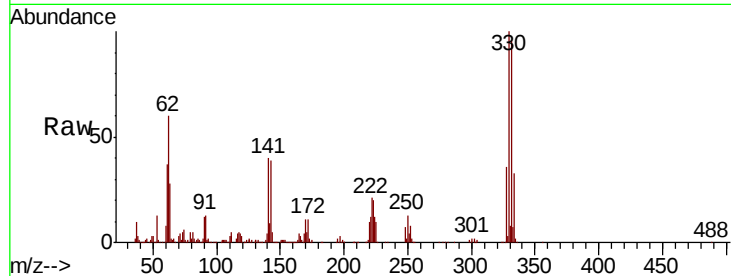




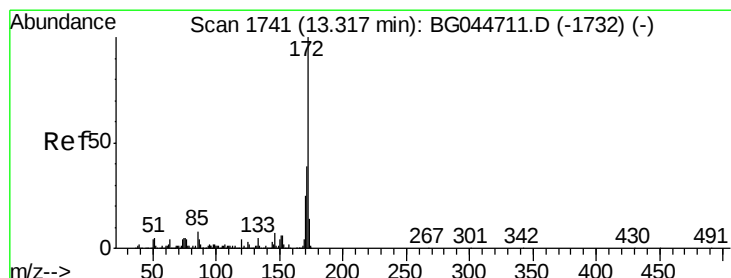
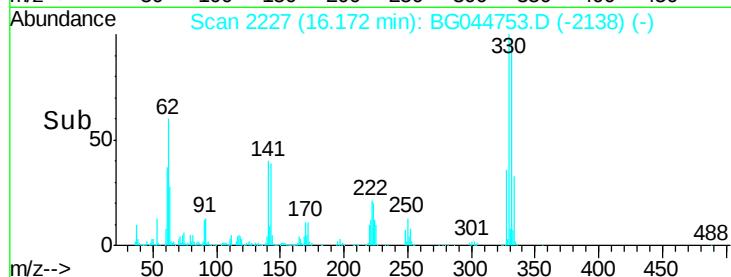
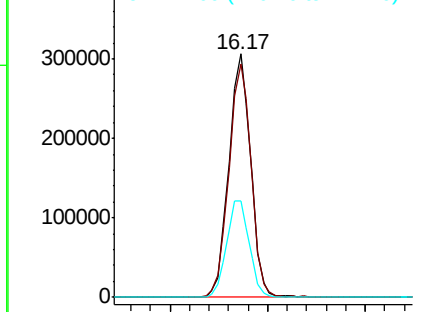
#42
 2,4,6-Tribromophenol
 Concen: 133.052 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044753.D
 Acq: 13 Mar 2020 3:26

Instrument :
 BNA_G
 ClientSampleId :
 CB-EC-52-G

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.5	116.3
141	41.5	31.7	47.5

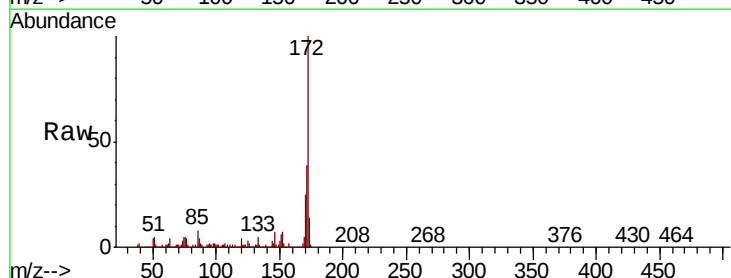


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

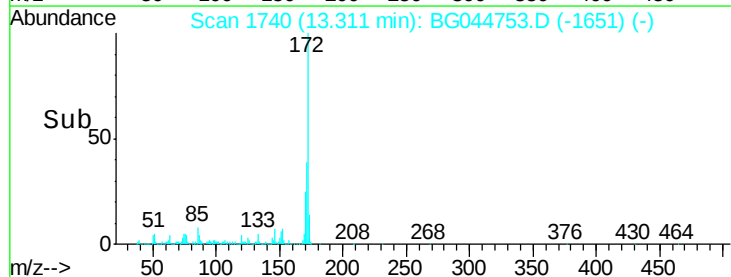
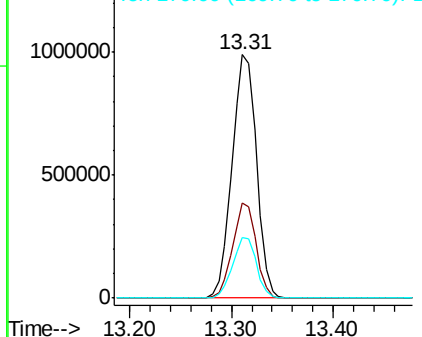


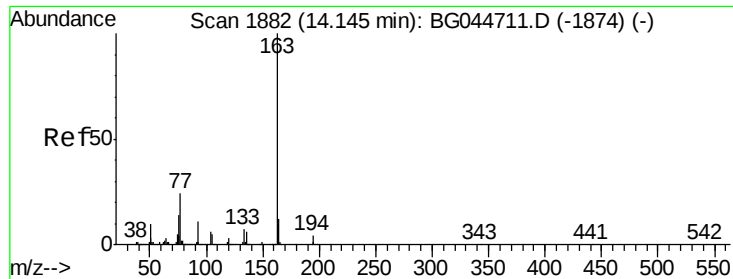
#45
 2-Fluorobiphenyl
 Concen: 86.887 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044753.D
 Acq: 13 Mar 2020 3:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.8	46.2
170	24.7	20.0	30.0



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: 2.468 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG044753.D

Acq: 13 Mar 2020 3:26

Instrument :

BNA_G

ClientSampleId :

CB-EC-52-G

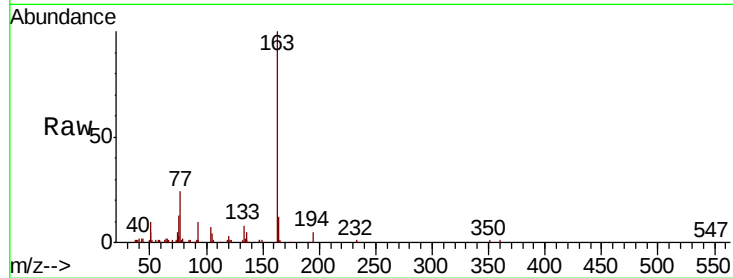
Tot Ion:163 Resp: 53569

Ion Ratio Lower Upper

163 100

194 5.2 3.5 5.3

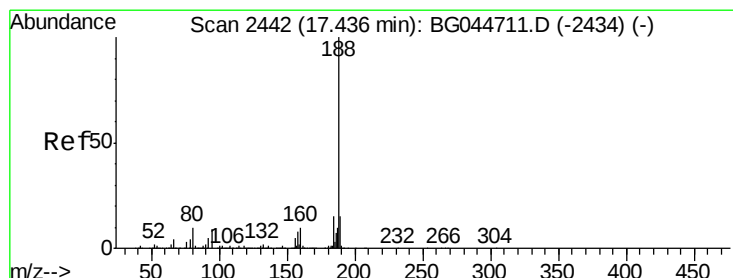
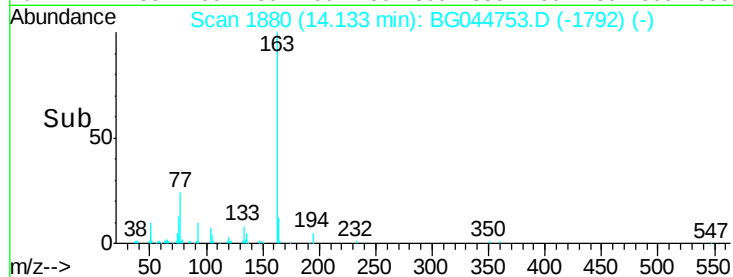
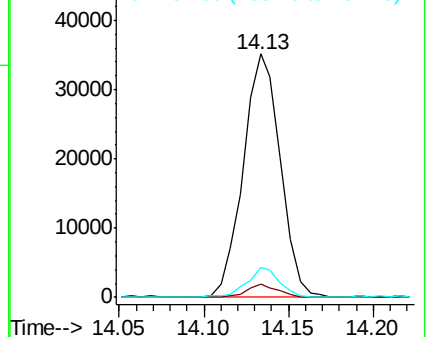
164 12.2 9.2 13.8



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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044753.D

Acq: 13 Mar 2020 3:26

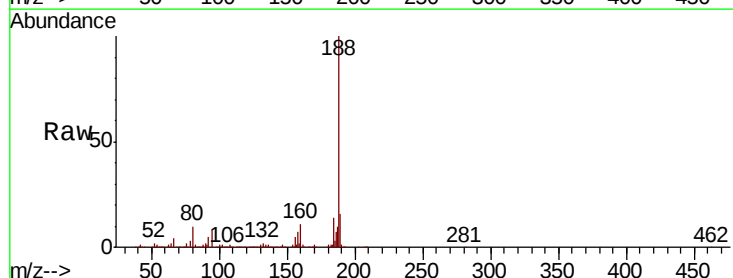
Tgt Ion:188 Resp: 607493

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

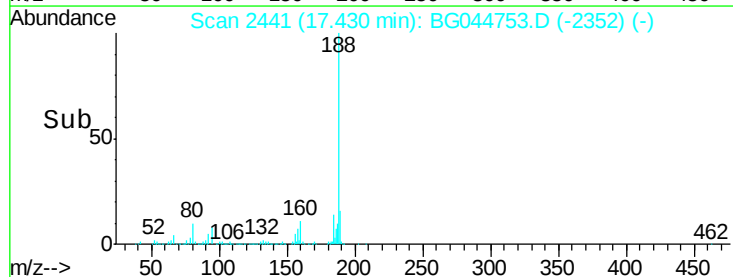
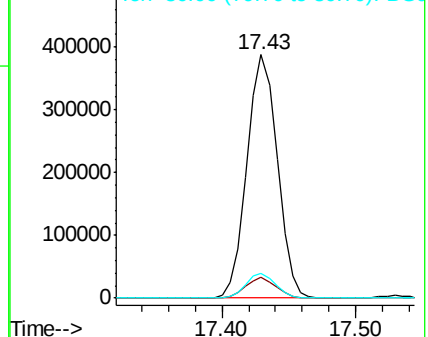
80 10.1 8.4 12.6

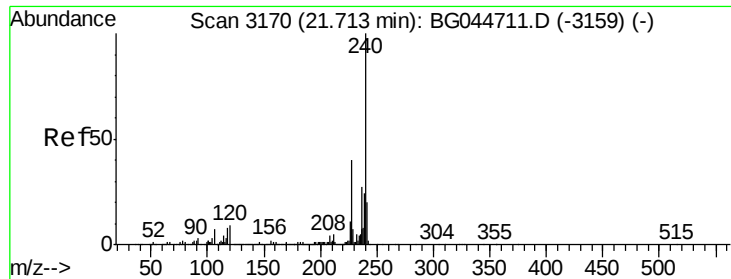


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

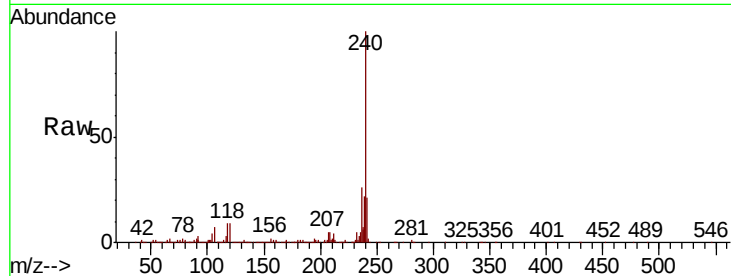




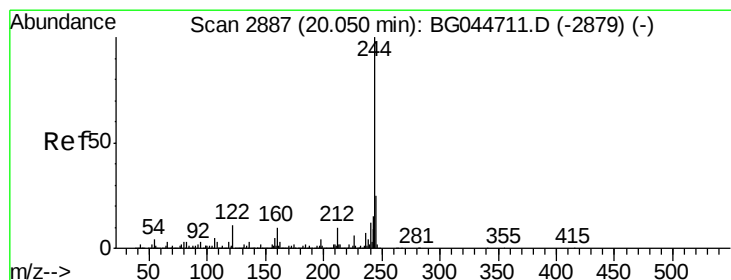
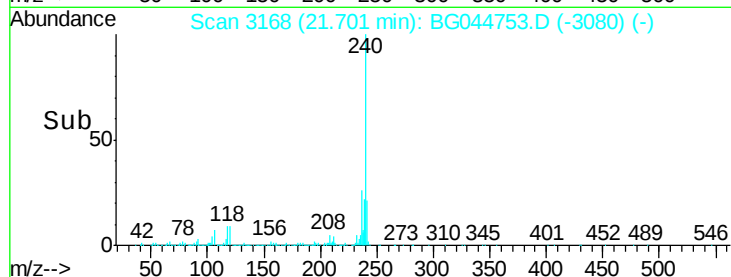
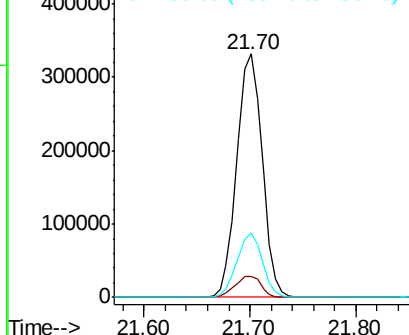
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :
CB-EC-52-G

Tot Ion:240 Resp: 552245
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.4 21.9 32.9

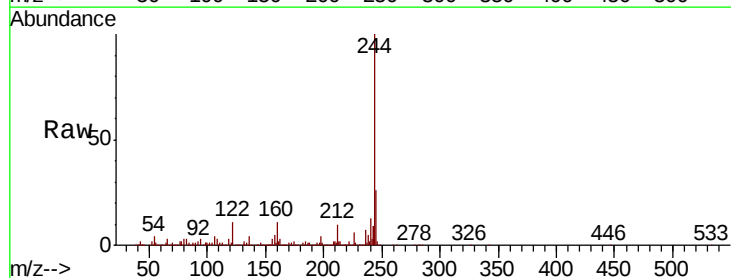


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

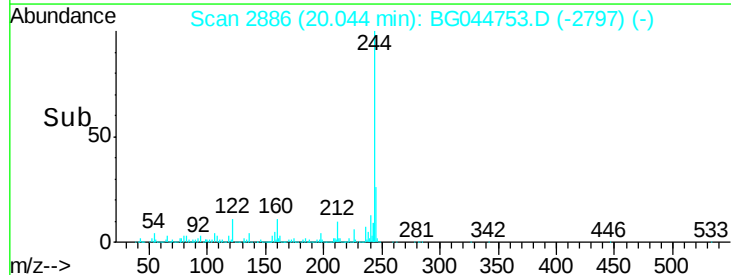
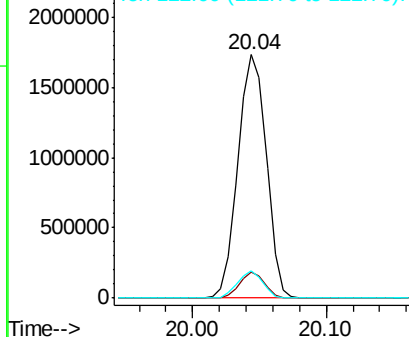


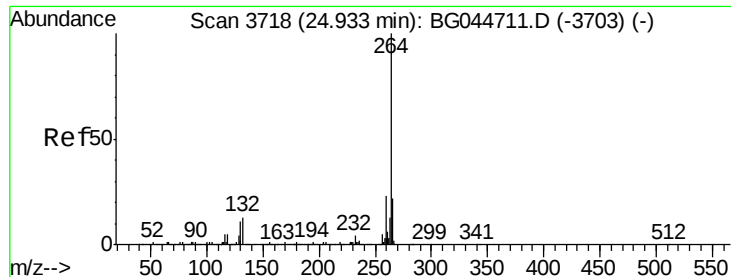
#79
Terphenyl-d14
Concen: 86.302 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion:244 Resp: 2547907
Ion Ratio Lower Upper
244 100
212 10.4 8.4 12.6
122 11.2 8.7 13.1



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :
CB-EC-52-G

Tot Ion: 264 Resp: 633700

Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.4	27.6
265	21.2	17.4	26.2

