

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044944.D
 Acq On : 25 Mar 2020 1:22
 Operator : CG/JU
 Sample : L2011-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHD1-WC-S-SB-0203

Quant Time: Mar 25 08:44:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

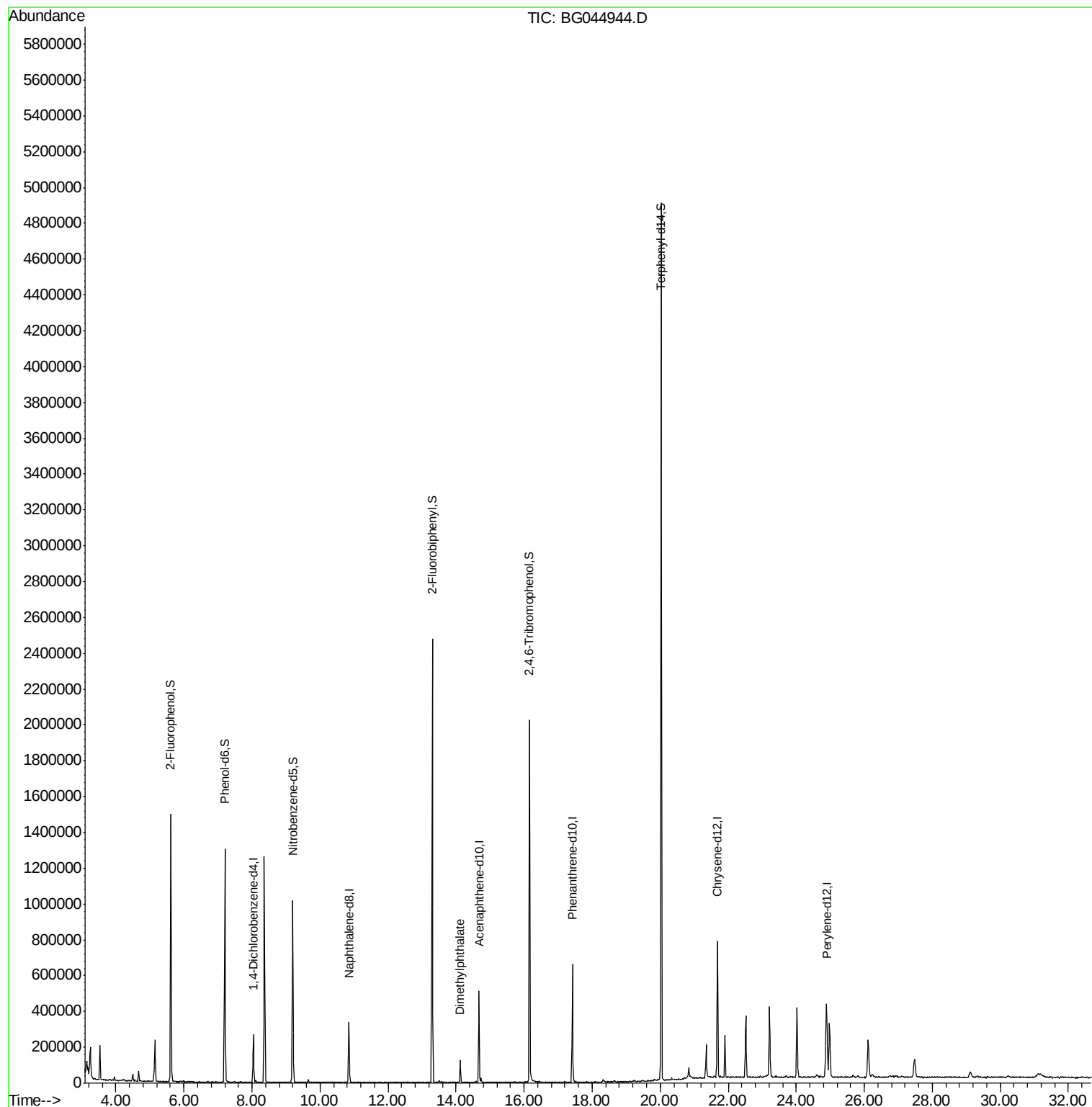
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	74261	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	288756	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	185705	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	430429	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	463679	20.00	ng	-0.02
87) Perylene-d12	24.89	264	482257	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	646779	135.58	ng	0.00
7) Phenol-d6	7.20	99	794635	114.65	ng	0.00
23) Nitrobenzene-d5	9.20	82	657149	99.86	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	411498	169.23	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1356192	104.58	ng	0.00
79) Terphenyl-d14	20.03	244	2325188	93.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	90791	6.138	ng	Qvalue 98

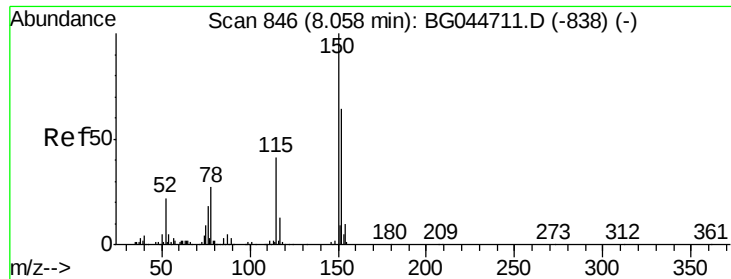
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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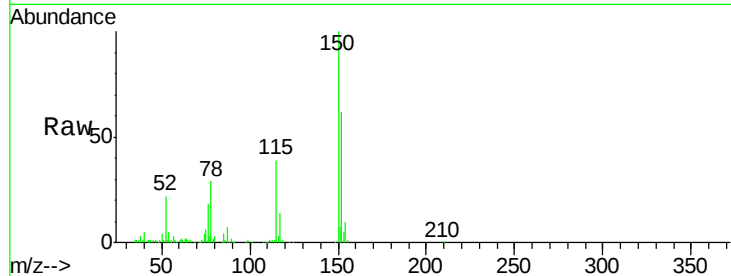


#1

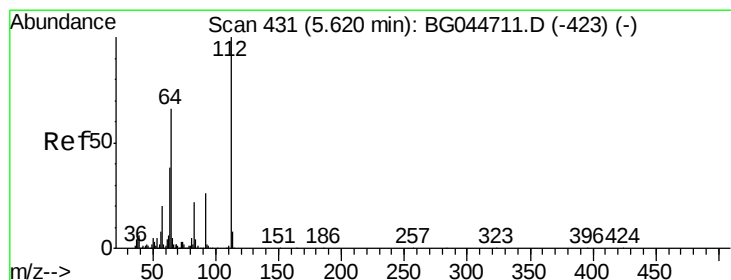
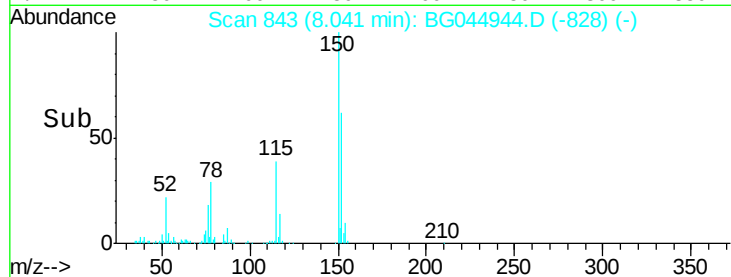
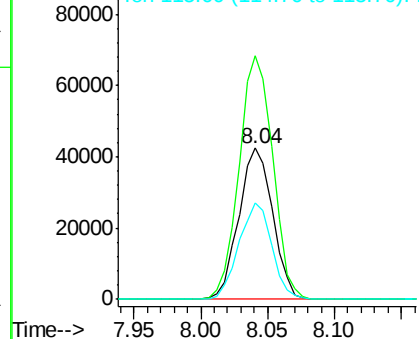
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG044944.D
 Acq: 25 Mar 2020 1:22

Instrument :
 BNA_G
 ClientSampleId :
 GHD1-WC-S-SB-0203

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	128.8	193.2
115	63.3	52.6	79.0



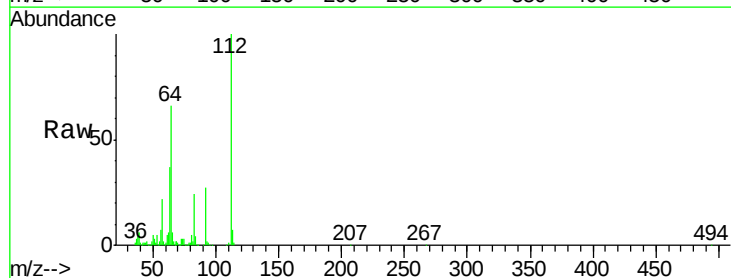
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



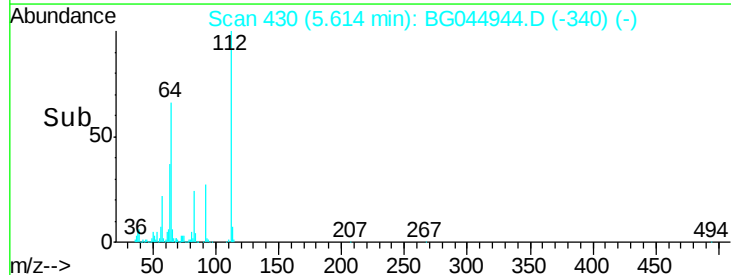
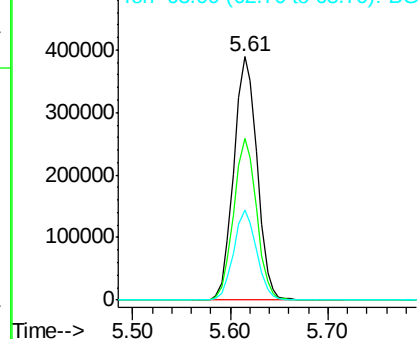
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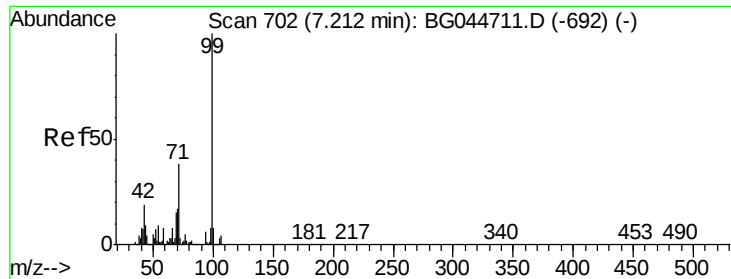
2-Fluorophenol
 Concen: 135.581 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BG044944.D
 Acq: 25 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.4	80.2
63	37.0	29.4	44.2



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: 114.648 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044944.D

Acq: 25 Mar 2020 1:22

Instrument :

BNA_G

ClientSampleId :

GHD1-WC-S-SB-0203

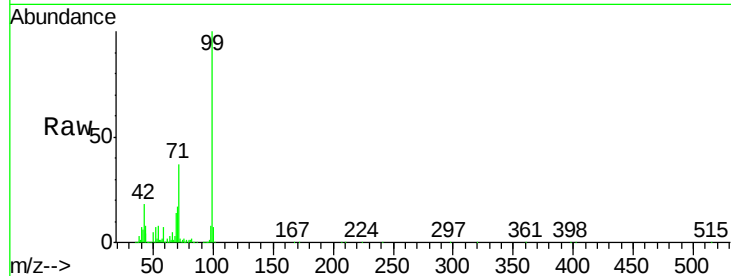
Tot Ion: 99 Resp: 794635

Ion Ratio Lower Upper

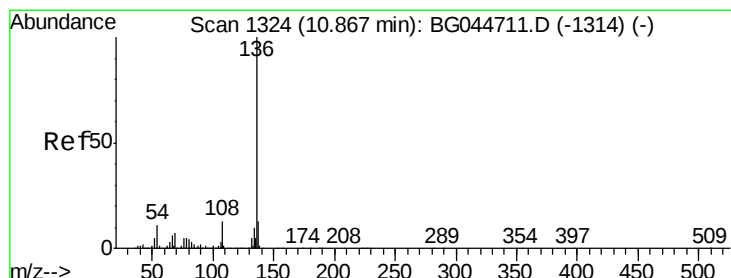
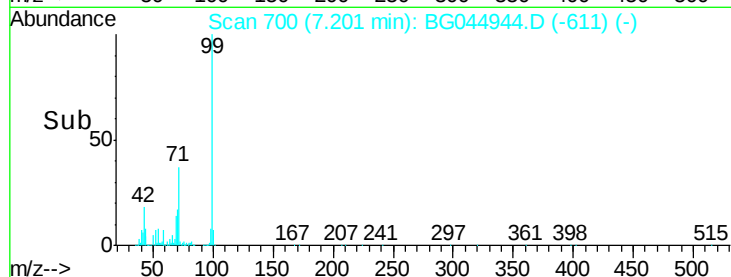
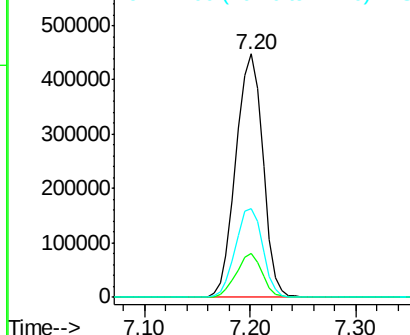
99 100

42 18.0 12.6 19.0

71 36.7 29.0 43.4



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044944.D

Acq: 25 Mar 2020 1:22

Tgt Ion: 136 Resp: 288756

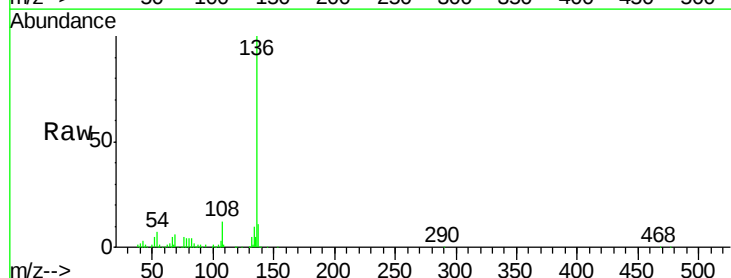
Ion Ratio Lower Upper

136 100

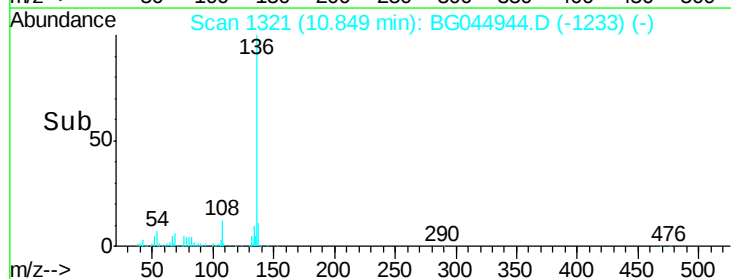
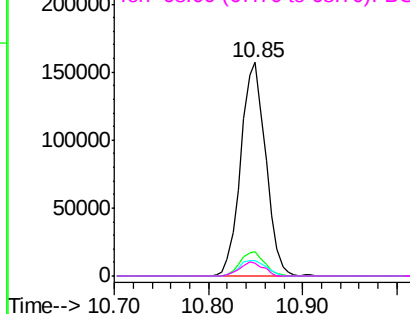
137 11.2 9.8 14.6

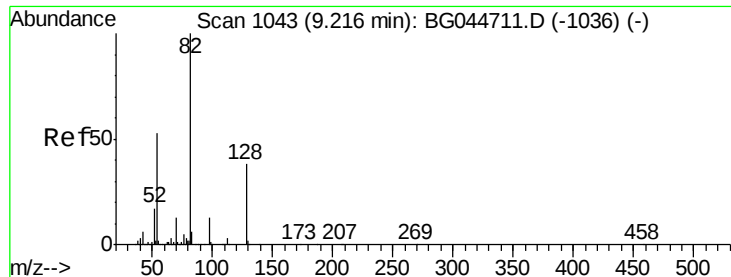
54 7.5 7.9 11.9#

68 5.8 5.4 8.0



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

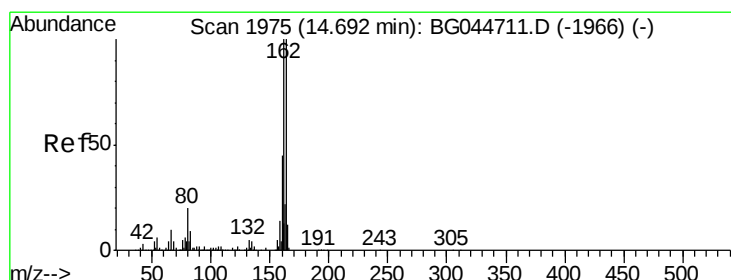
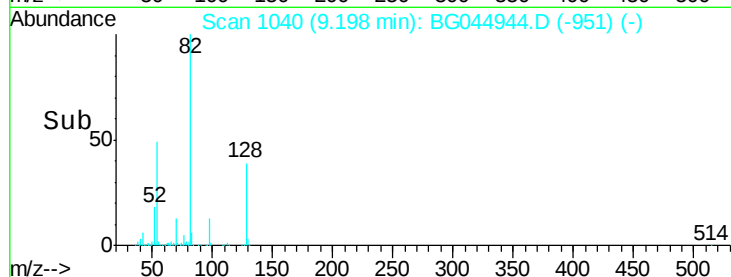
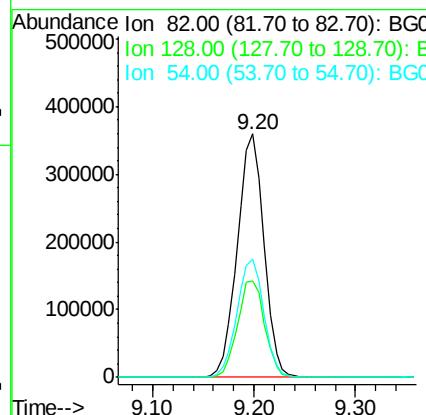
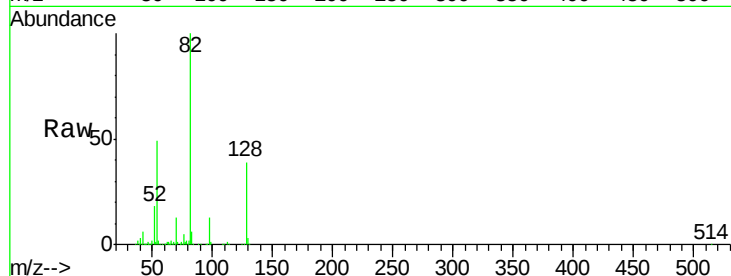




#23
 Nitrobenzene-d5
 Concen: 99.865 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044944.D
 Acq: 25 Mar 2020 1:22

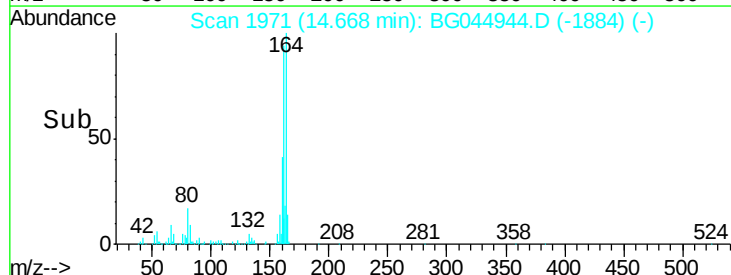
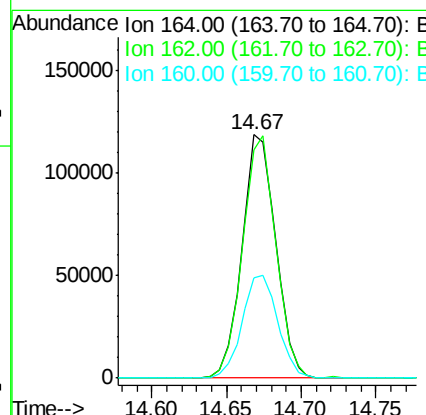
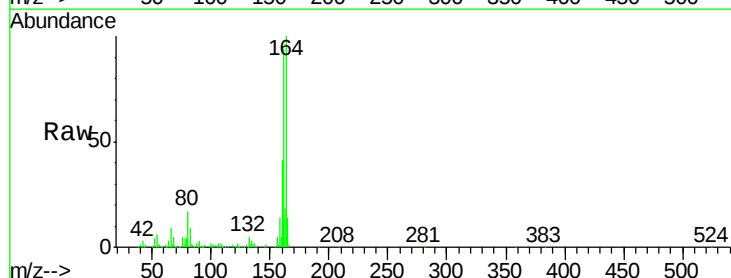
Instrument :
 BNA_G
 ClientSampleId :
 GHD1-WC-S-SB-0203

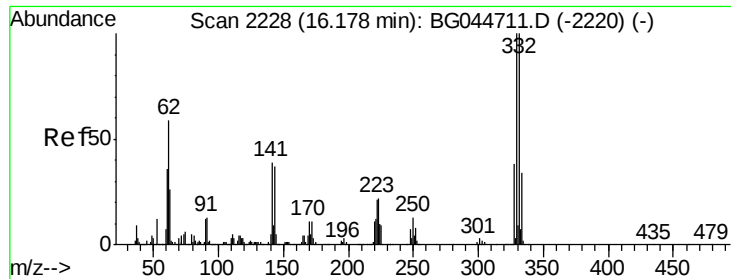
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.6	46.0
54	48.7	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.02 min
 Lab File: BG044944.D
 Acq: 25 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.9	76.7	115.1
160	41.4	35.0	52.4

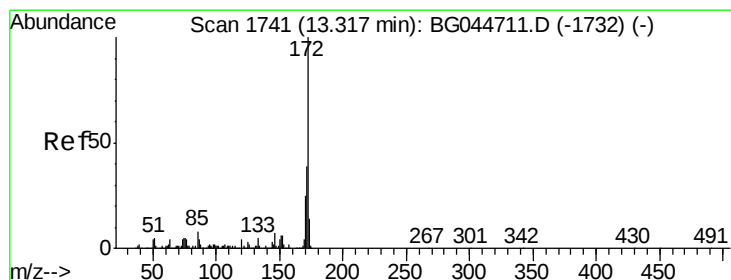
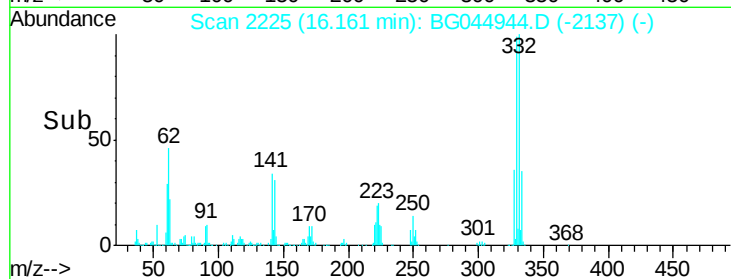
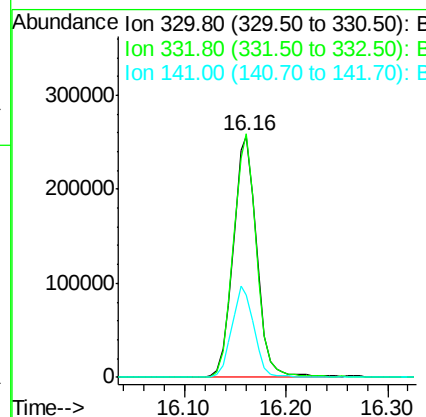
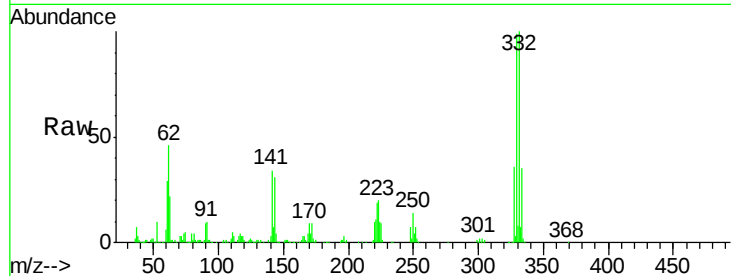




#42
 2,4,6-Tribromophenol
 Concen: 169.235 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044944.D
 Acq: 25 Mar 2020 1:22

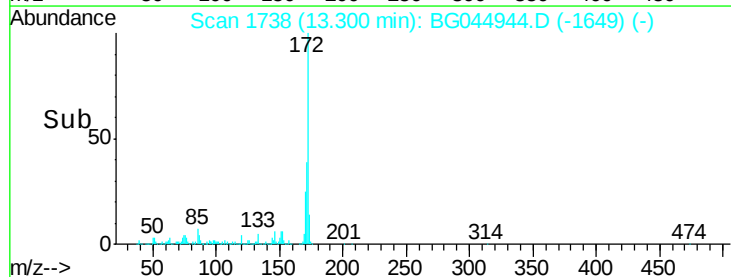
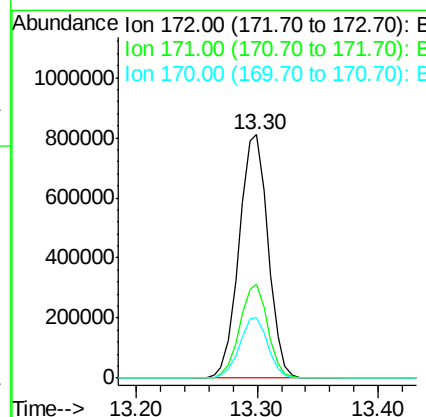
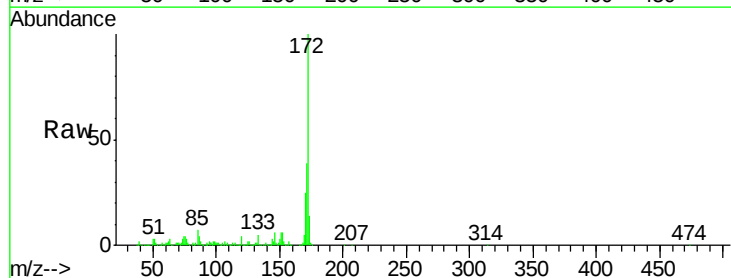
Instrument :
 BNA_G
 ClientSampleId :
 GHD1-WC-S-SB-0203

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.8	116.6
141	36.1	29.5	44.3



#45
 2-Fluorobiphenyl
 Concen: 104.580 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG044944.D
 Acq: 25 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	28.7	43.1
170	24.7	19.0	28.6





#50

Dimethylphthalate

Concen: 6.138 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BG044944.D

Acq: 25 Mar 2020 1:22

Instrument :

BNA_G

ClientSampleId :

GHD1-WC-S-SB-0203

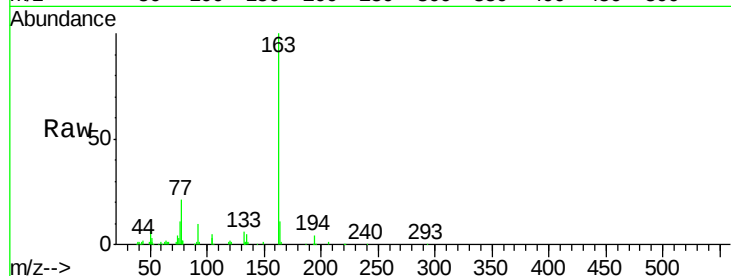
Tot Ion:163 Resp: 90791

Ion Ratio Lower Upper

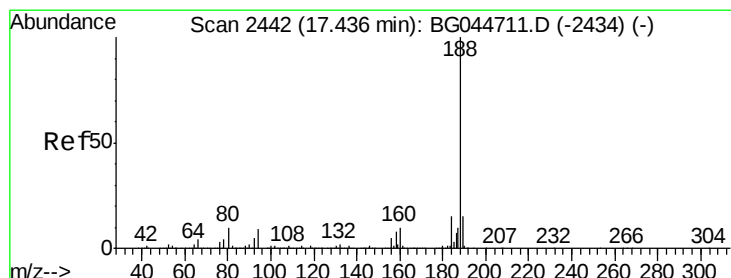
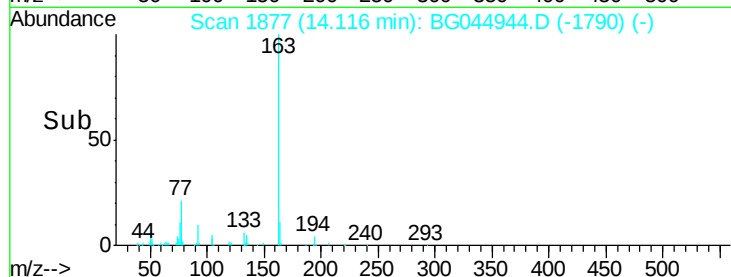
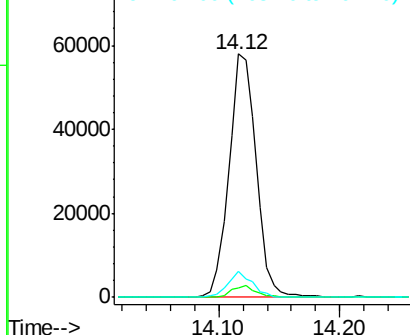
163 100

194 3.7 3.7 5.5

164 10.7 9.1 13.7



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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044944.D

Acq: 25 Mar 2020 1:22

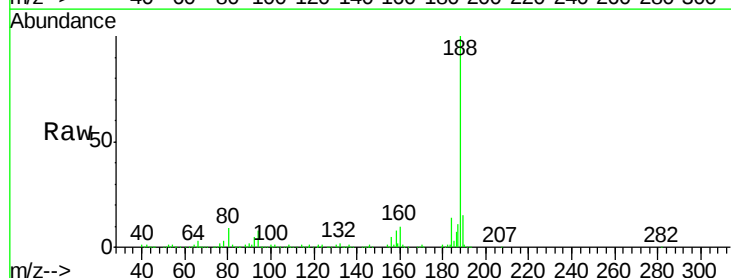
Tgt Ion:188 Resp: 430429

Ion Ratio Lower Upper

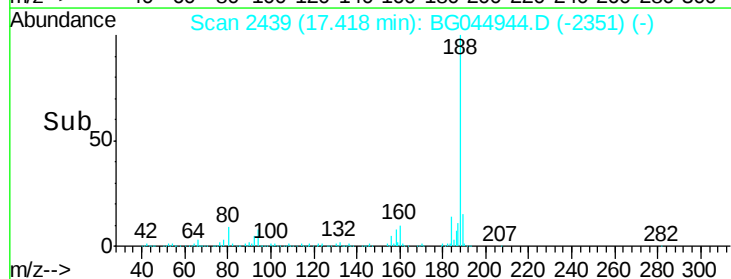
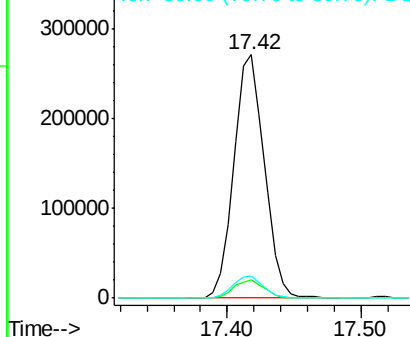
188 100

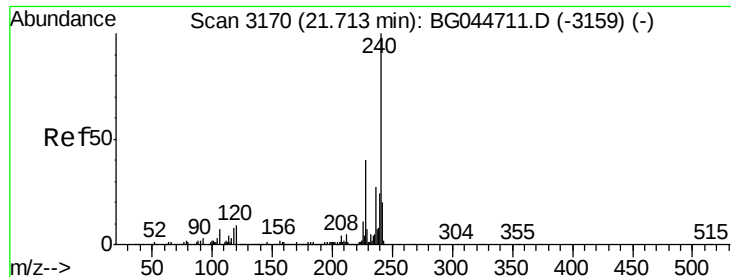
94 7.5 7.3 10.9

80 9.3 8.0 12.0



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

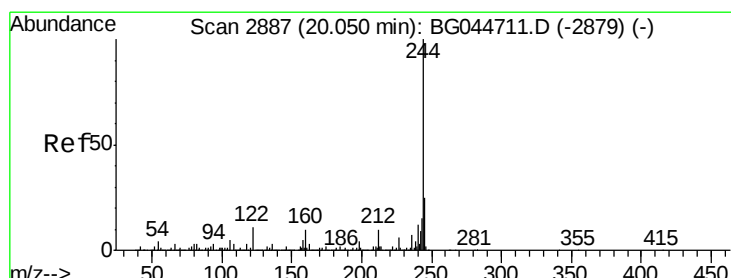
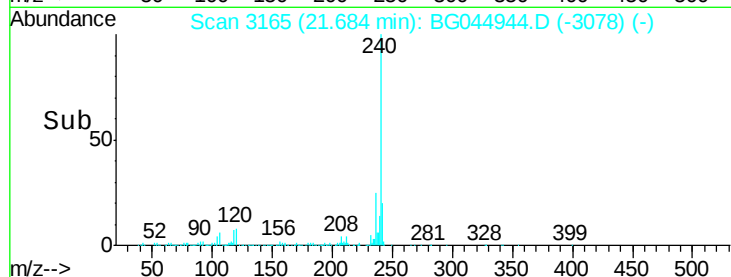
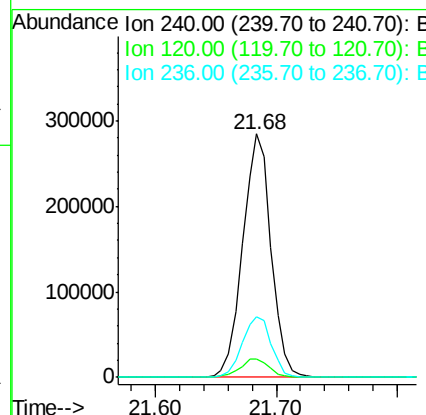
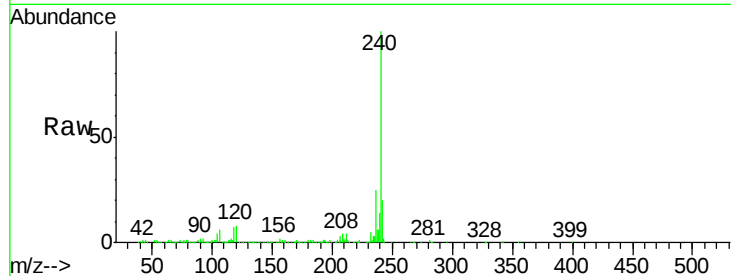




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

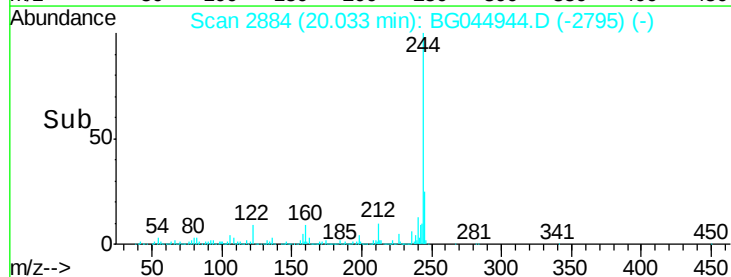
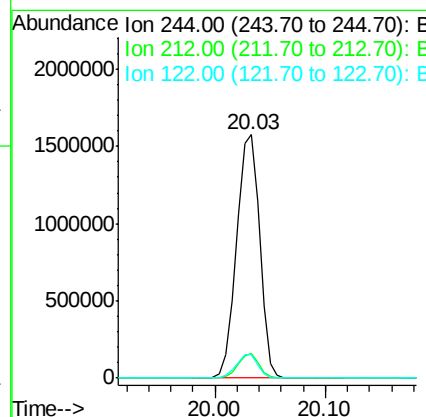
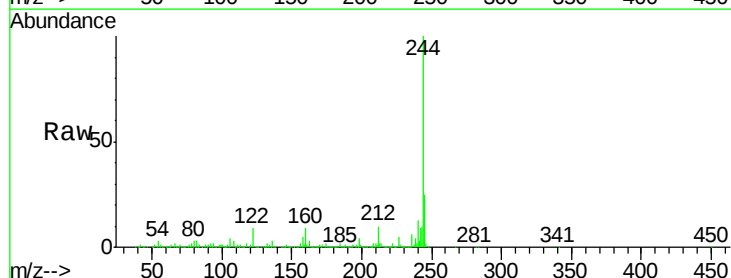
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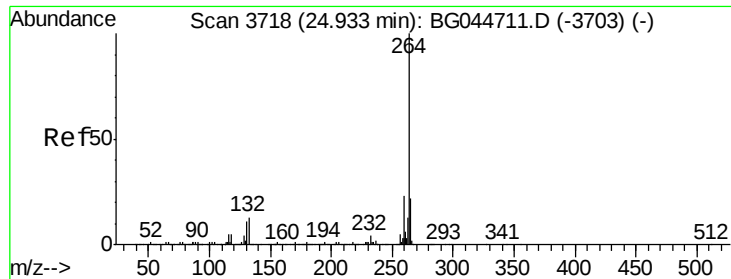
Tot Ion:240 Resp: 463679
Ion Ratio Lower Upper
240 100
120 7.7 6.7 10.1
236 24.6 21.5 32.3



#79
Terphenyl-d14
Concen: 93.801 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Tgt Ion:244 Resp: 2325188
Ion Ratio Lower Upper
244 100
212 10.4 7.7 11.5
122 9.4 8.6 12.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG044944.D
 Acq: 25 Mar 2020 1:22

Instrument :
 BNA_G
 ClientSampleId :
 GHD1-WC-S-SB-0203

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.1	27.1
265	20.3	17.1	25.7

