

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044935.D
 Acq On : 24 Mar 2020 18:08
 Operator : CG/JU
 Sample : L2021-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-B

Quant Time: Mar 25 04:49:55 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

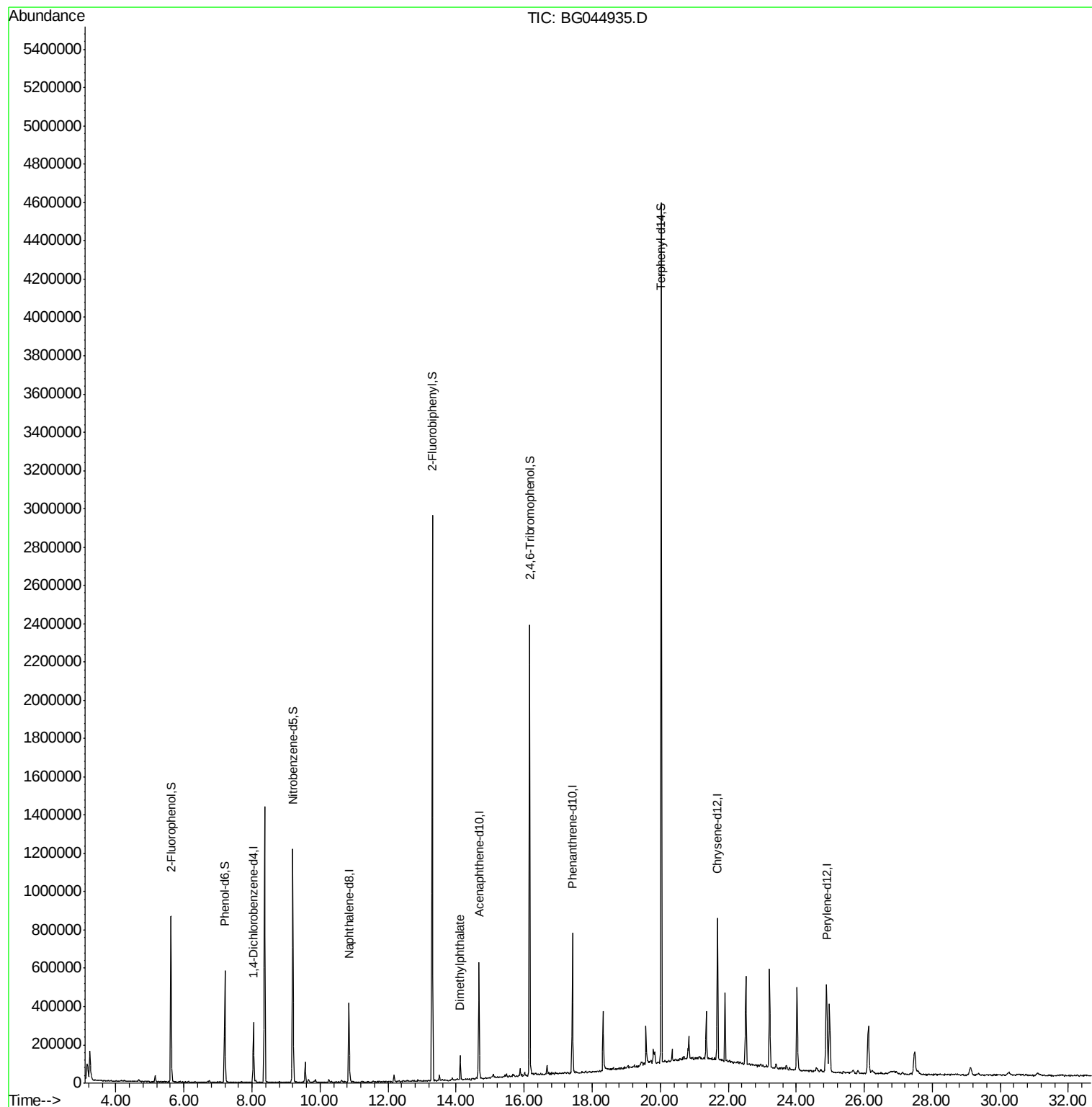
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	91526	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	356499	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	220984	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	468669	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	464938	20.00	ng	-0.02
87) Perylene-d12	24.89	264	513648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	403017	68.55	ng	0.00
7) Phenol-d6	7.20	99	358251	41.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	779605	95.96	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	461926	159.65	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1559039	101.03	ng	0.00
79) Terphenyl-d14	20.03	244	2069717	83.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	86120	4.893	ng	Qvalue 98

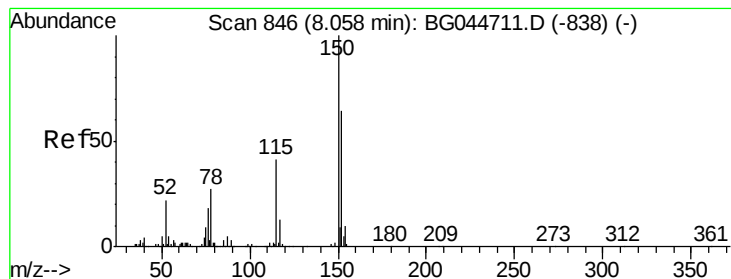
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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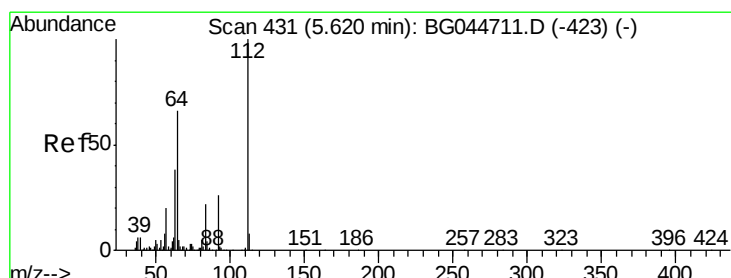
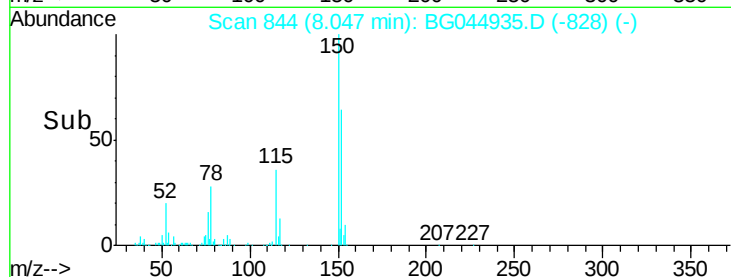
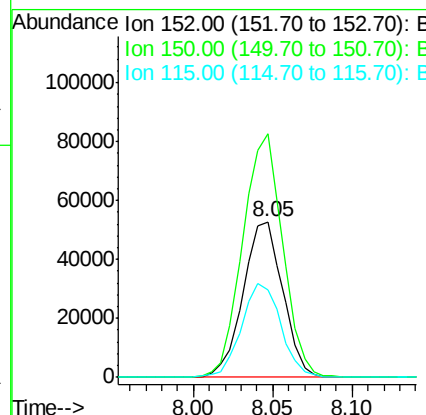
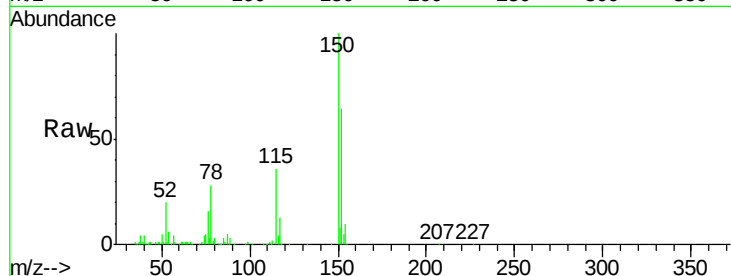


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044935.D
Acq: 24 Mar 2020 18:08

Instrument :
BNA_G
ClientSampled :
MW-B

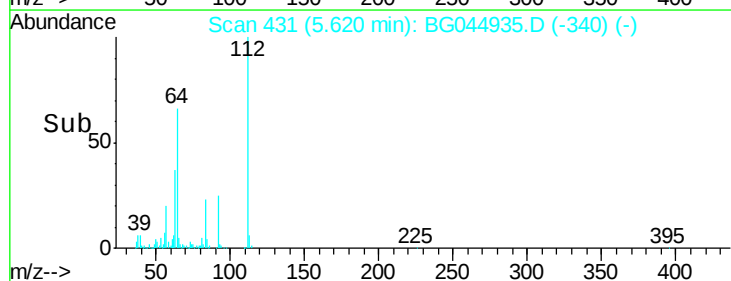
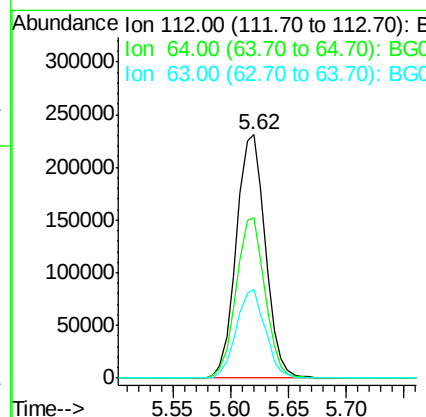
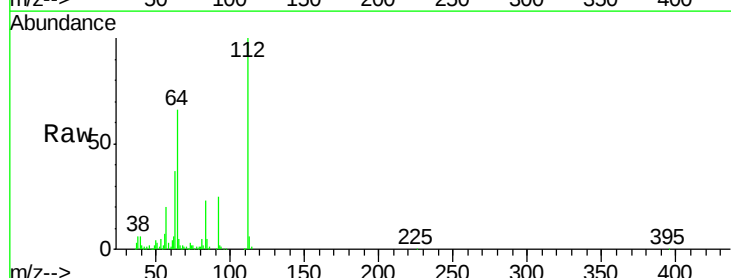
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	128.8	193.2
115	56.0	52.6	79.0

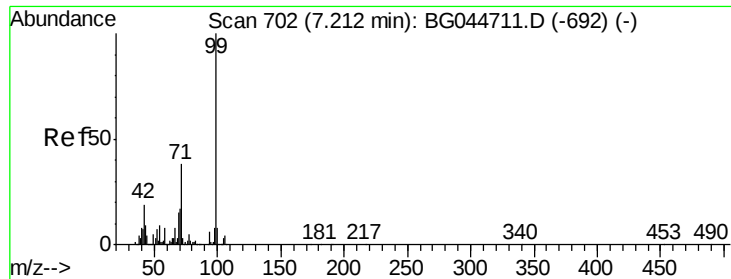


#5

2-Fluorophenol
Concen: 68.546 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044935.D
Acq: 24 Mar 2020 18:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.4	80.2
63	36.7	29.4	44.2





#7

Phenol-d6

Concen: 41.937 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044935.D

Acq: 24 Mar 2020 18:08

Instrument :

BNA_G

ClientSampleId :

MW-B

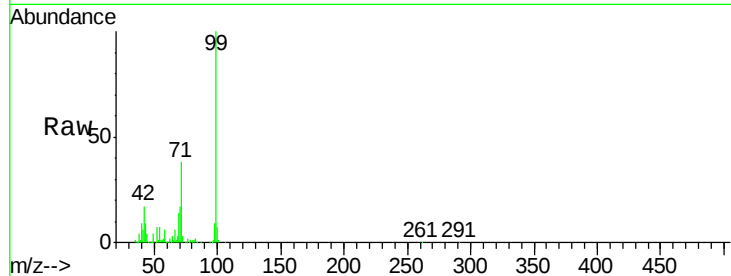
Tot Ion: 99 Resp: 358251

Ion Ratio Lower Upper

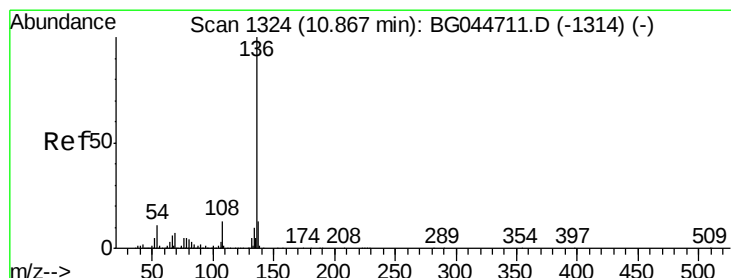
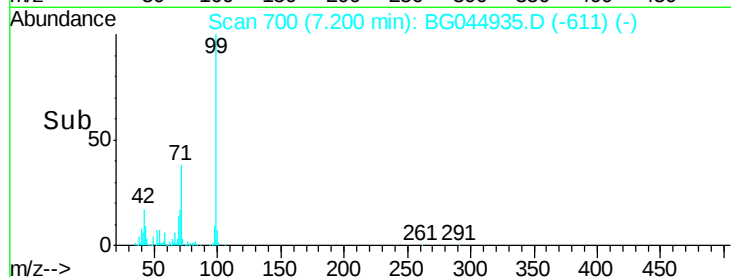
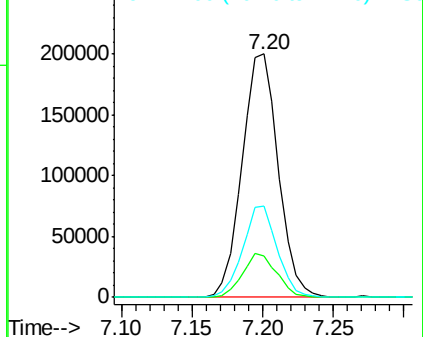
99 100

42 17.1 12.6 19.0

71 37.5 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: BG044935.D

Acq: 24 Mar 2020 18:08

Tgt Ion: 136 Resp: 356499

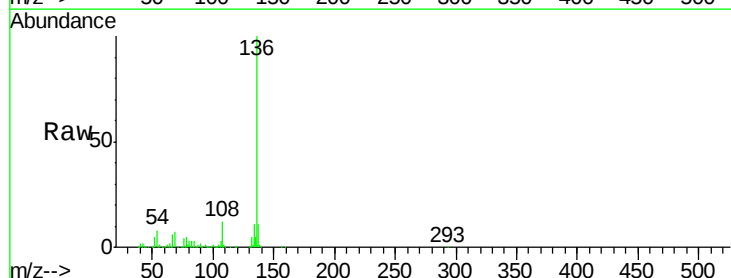
Ion Ratio Lower Upper

136 100

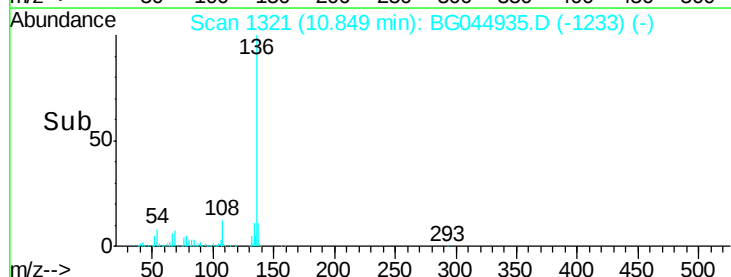
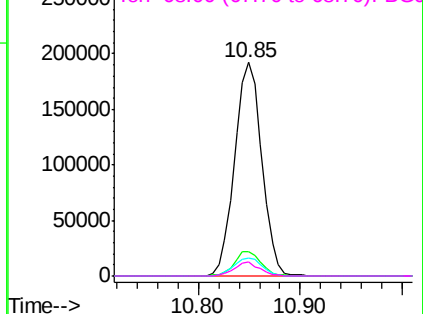
137 11.3 9.8 14.6

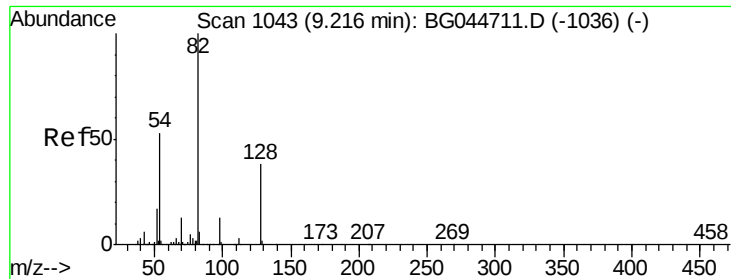
54 8.2 7.9 11.9

68 6.7 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

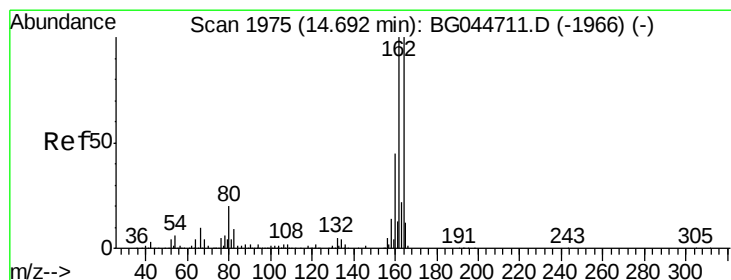
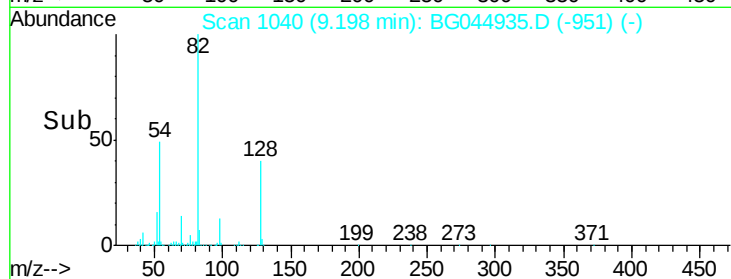
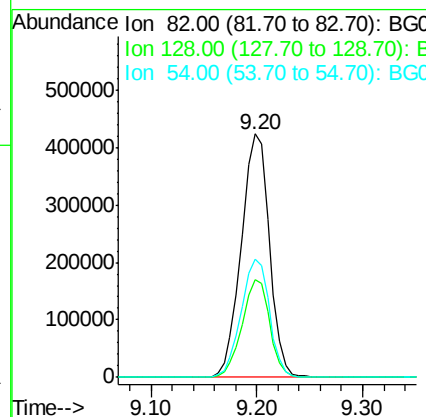
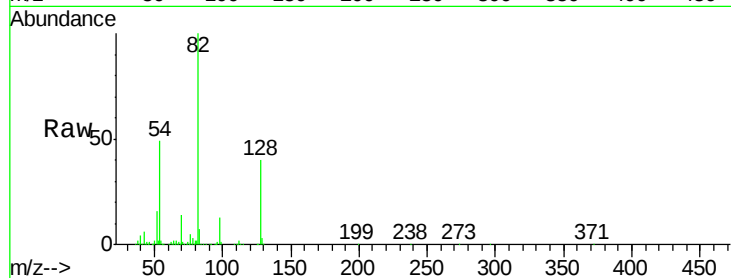




#23
 Nitrobenzene-d5
 Concen: 95.961 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044935.D
 Acq: 24 Mar 2020 18:08

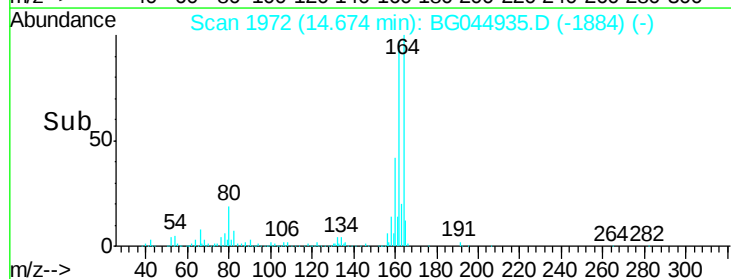
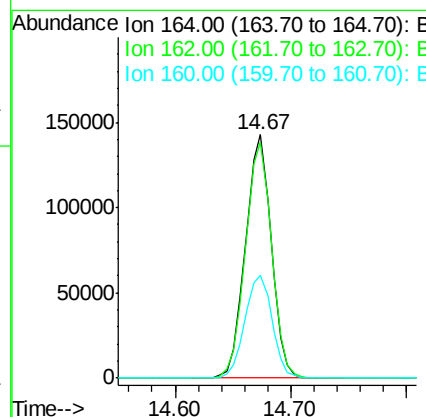
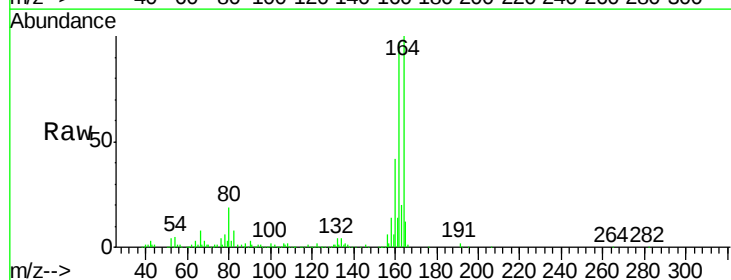
Instrument :
 BNA_G
 ClientSampled :
 MW-B

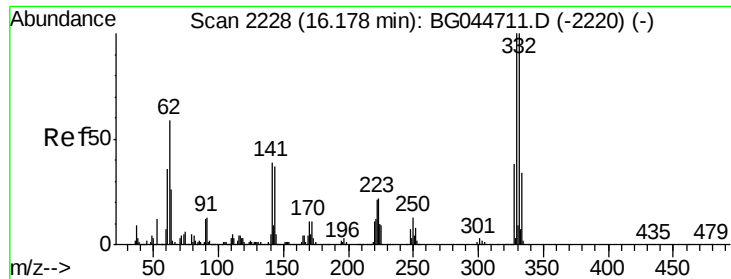
Tot Ion:	82	Resp:	779605
Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.6	46.0
54	48.7	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044935.D
 Acq: 24 Mar 2020 18:08

Tgt Ion:	164	Resp:	220984
Ion	Ratio	Lower	Upper
164	100		
162	96.9	76.7	115.1
160	42.3	35.0	52.4

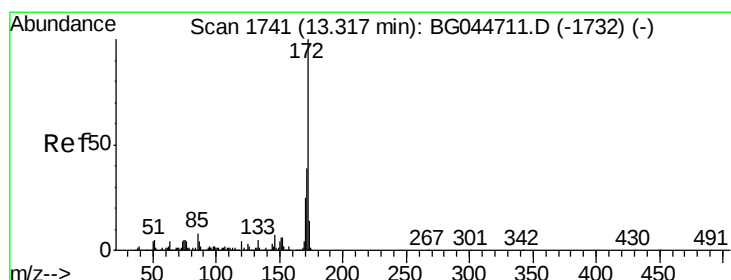
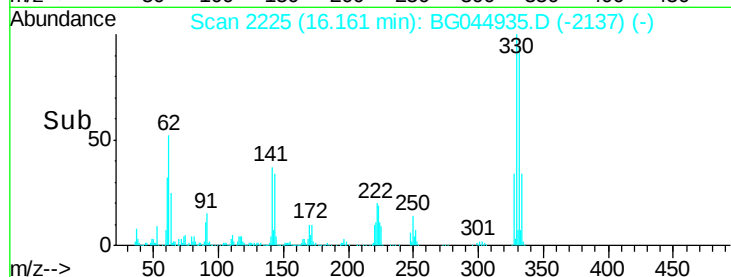
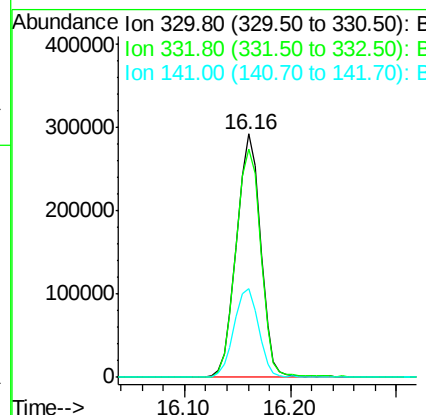
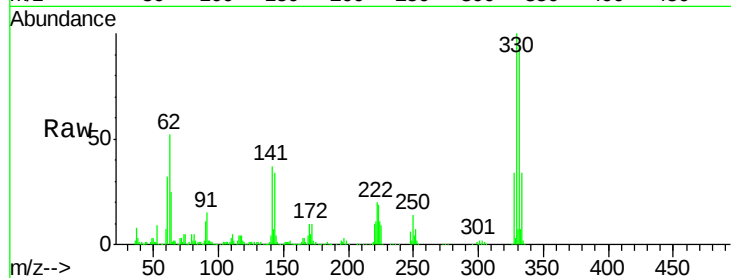




#42
 2,4,6-Tribromophenol
 Concen: 159.646 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044935.D
 Acq: 24 Mar 2020 18:08

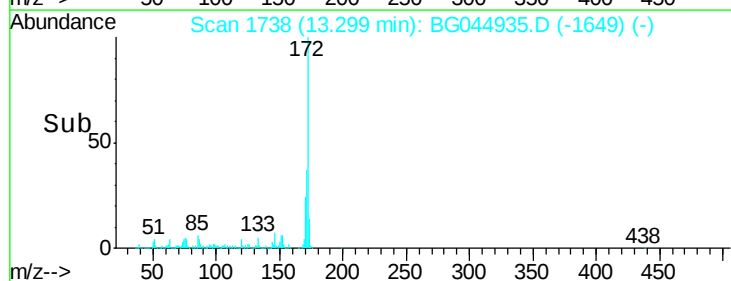
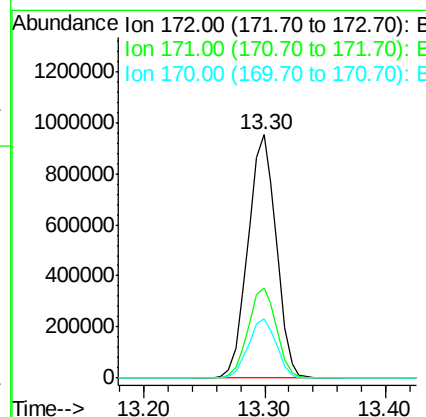
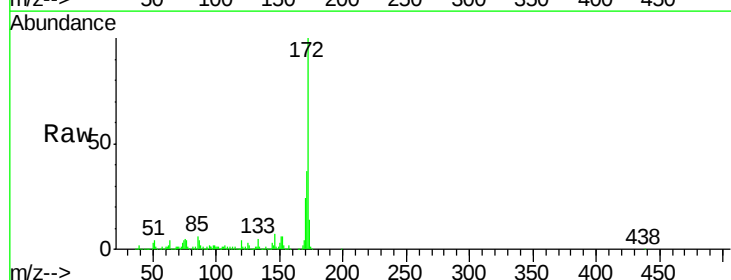
Instrument :
 BNA_G
 ClientSampleId :
 MW-B

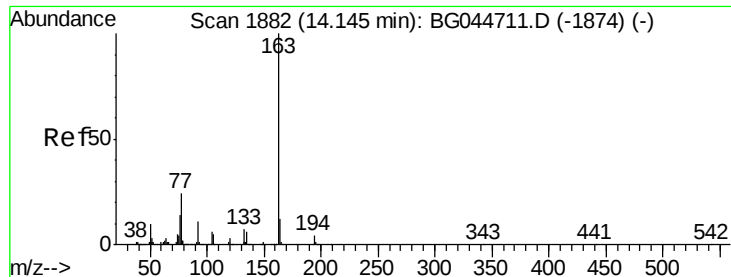
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.6
141	37.4	29.5	44.3



#45
 2-Fluorobiphenyl
 Concen: 101.030 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG044935.D
 Acq: 24 Mar 2020 18:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.7	43.1
170	24.4	19.0	28.6





#50

Dimethylphthalate

Concen: 4.893 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044935.D

Acq: 24 Mar 2020 18:08

Instrument :

BNA_G

ClientSampleId :

MW-B

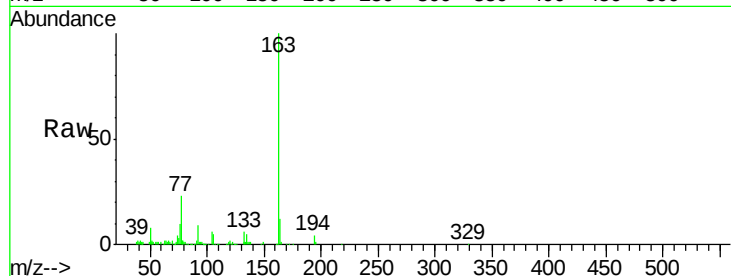
Tot Ion:163 Resp: 86120

Ion Ratio Lower Upper

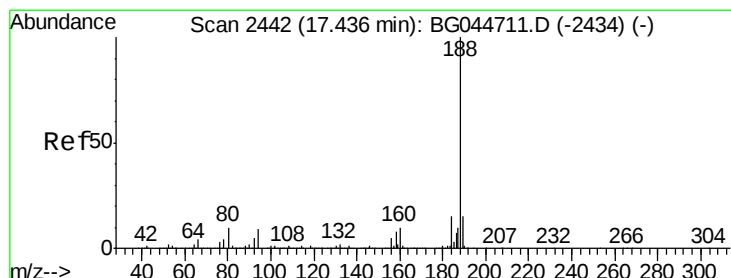
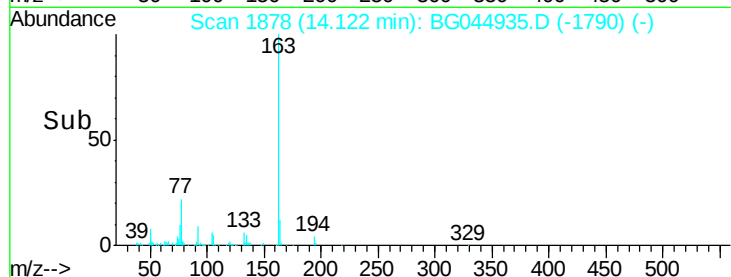
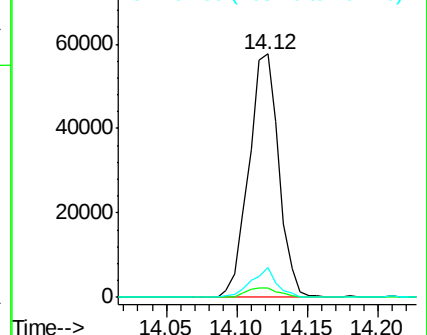
163 100

194 3.8 3.7 5.5

164 12.3 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: BG044935.D

Acq: 24 Mar 2020 18:08

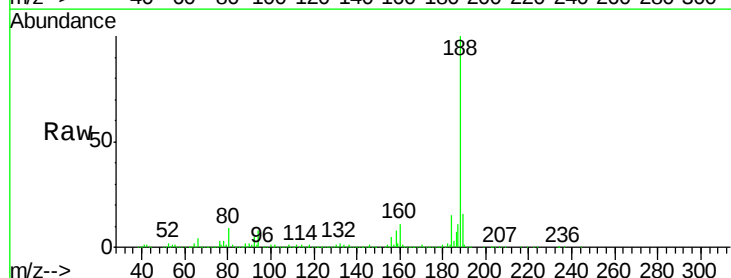
Tgt Ion:188 Resp: 468669

Ion Ratio Lower Upper

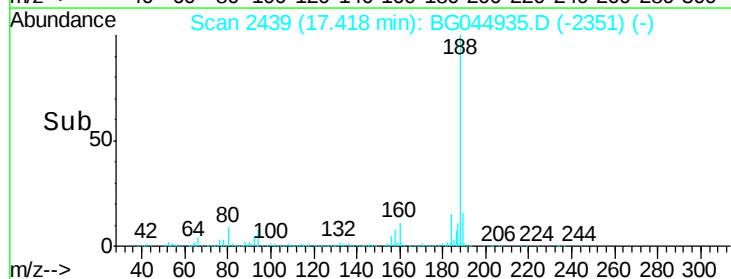
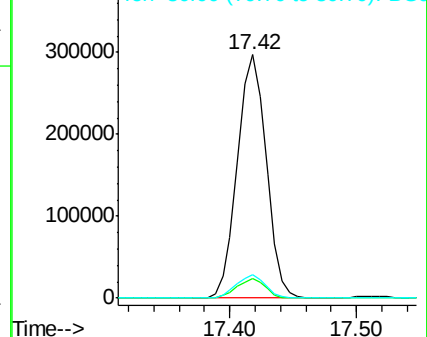
188 100

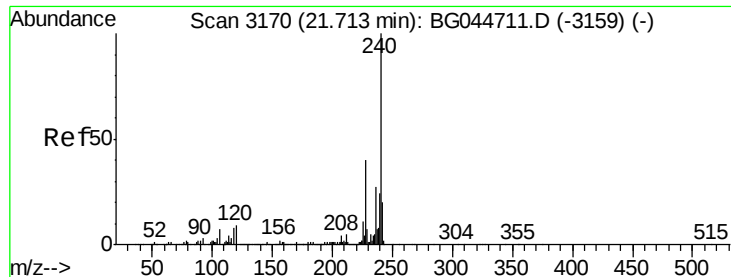
94 8.2 7.3 10.9

80 9.4 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

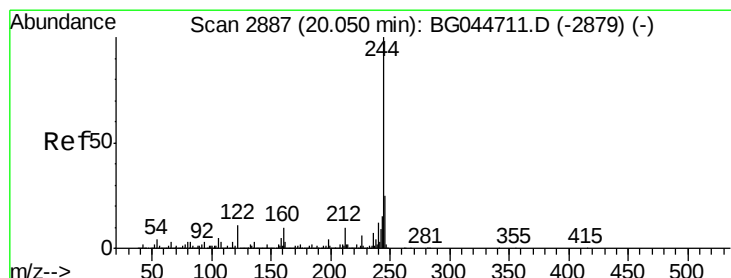
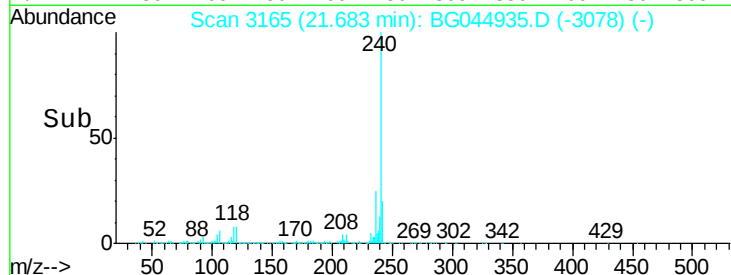
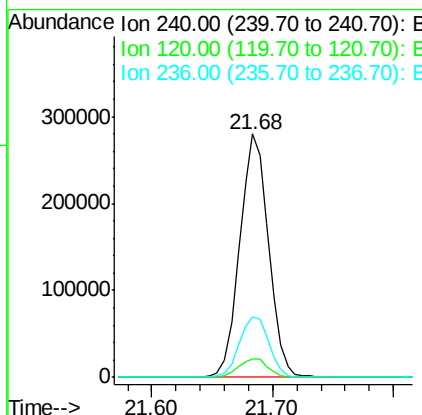
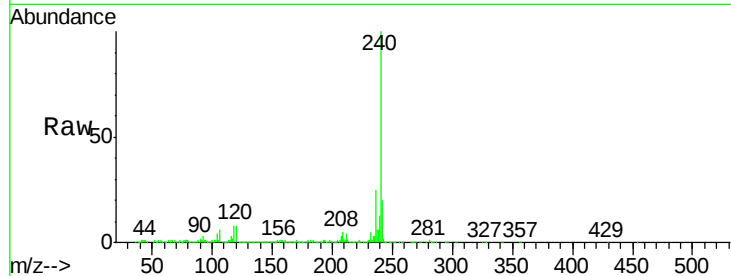




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044935.D
Acq: 24 Mar 2020 18:08

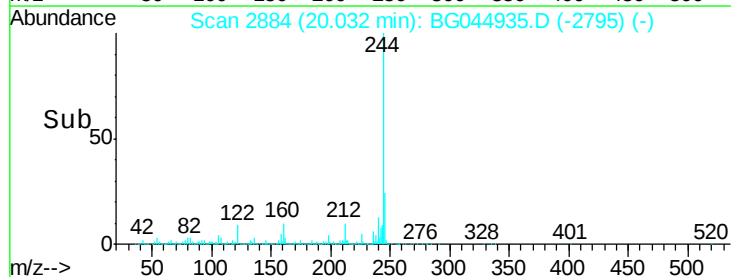
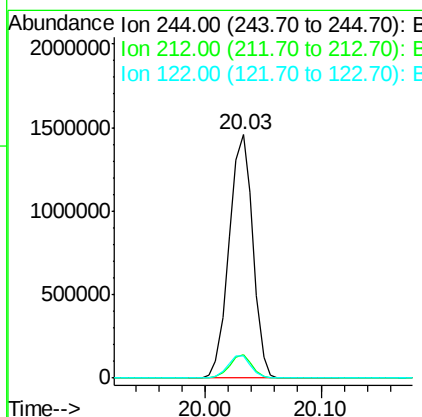
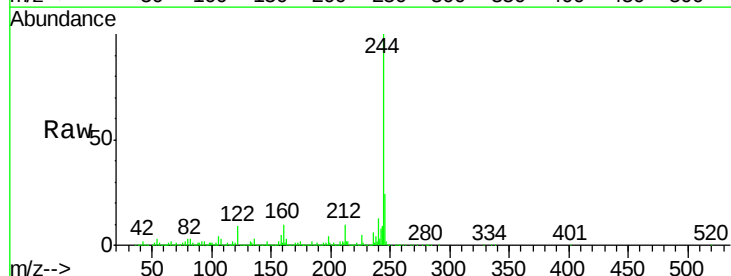
Instrument :
BNA_G
ClientSampleId :
MW-B

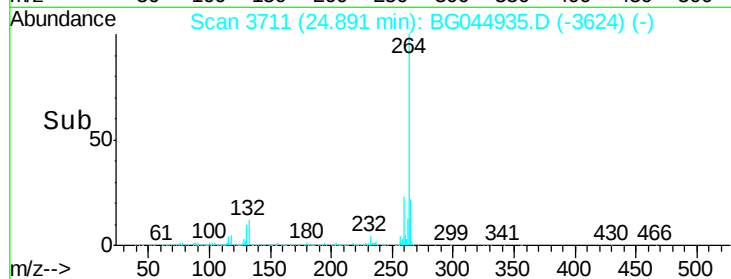
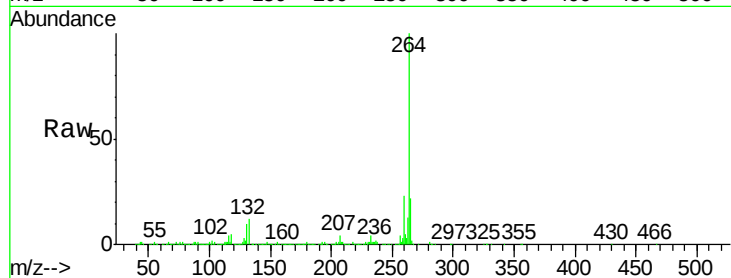
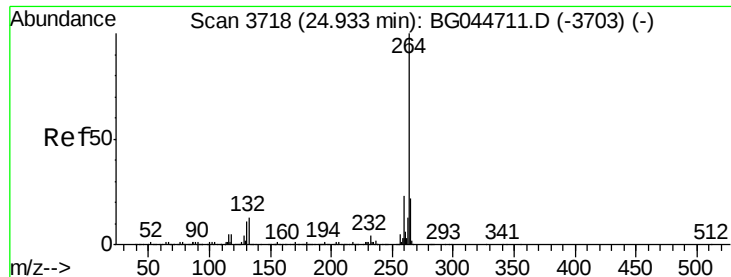
Tot Ion:240 Resp: 464938
Ion Ratio Lower Upper
240 100
120 7.6 6.7 10.1
236 25.1 21.5 32.3



#79
Terphenyl-d14
Concen: 83.269 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044935.D
Acq: 24 Mar 2020 18:08

Tgt Ion:244 Resp: 2069717
Ion Ratio Lower Upper
244 100
212 9.8 7.7 11.5
122 9.3 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: BG044935.D
Acq: 24 Mar 2020 18:08

Instrument :
BNA_G
ClientSampleId :
MW-B

Tot Ion:	264	Resp:	513648
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.1	27.1
265	22.0	17.1	25.7

