

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044772.D
 Acq On : 13 Mar 2020 18:16
 Operator : CG/JU
 Sample : L1912-29
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z1-6

Quant Time: Mar 13 23:28:33 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

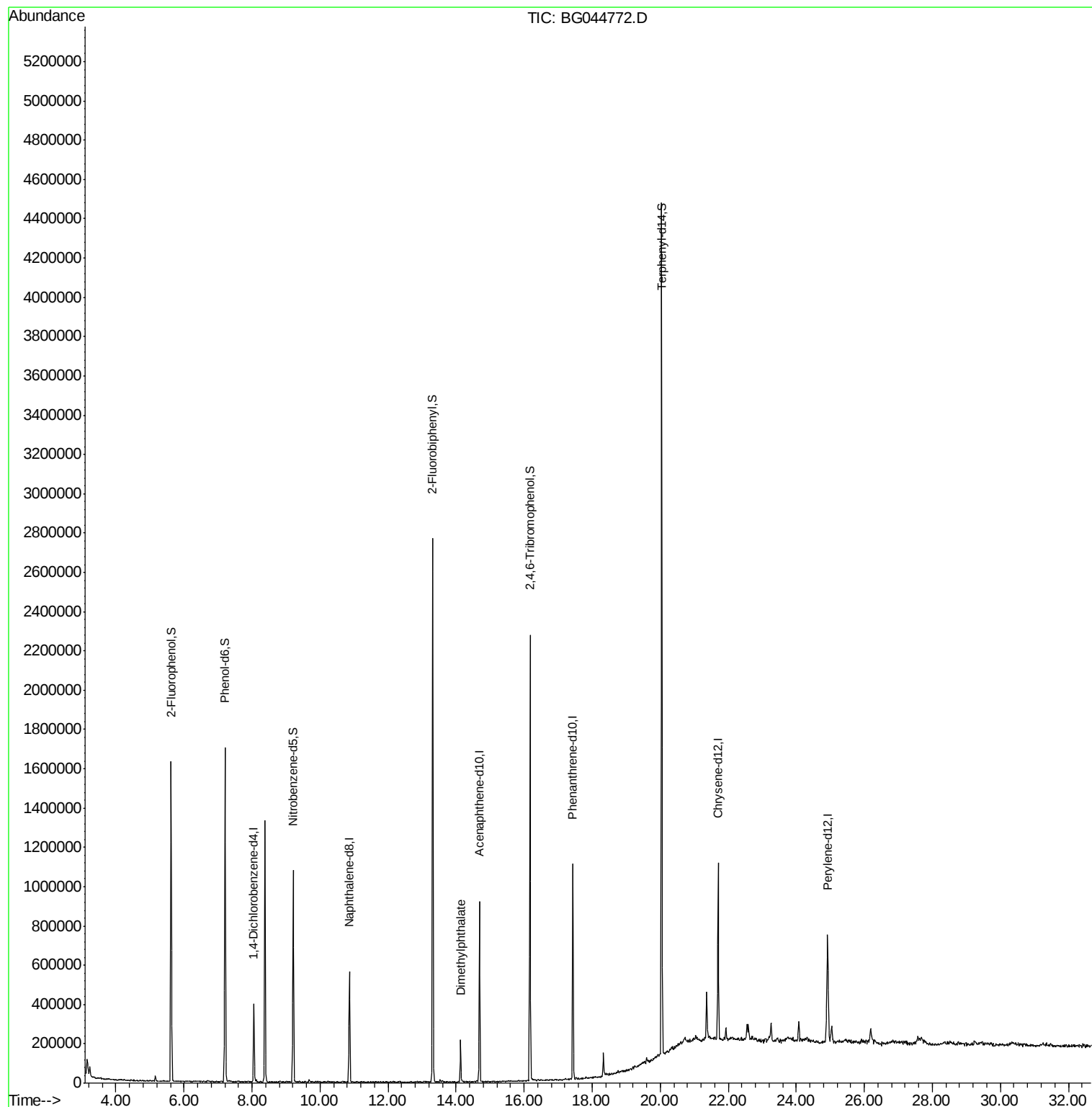
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	115040	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	477705	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	327069	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	685114	20.00	ng	0.00
76) Chrysene-d12	21.70	240	528609	20.00	ng	-0.01
87) Perylene-d12	24.93	264	607201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	713346	96.53	ng	0.00
7) Phenol-d6	7.21	99	1050026	97.79	ng	0.00
23) Nitrobenzene-d5	9.21	82	702853	64.56	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	430962	100.63	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1459801	63.92	ng	0.00
79) Terphenyl-d14	20.04	244	1900275	67.24	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	145112	5.571	ng	Qvalue 100

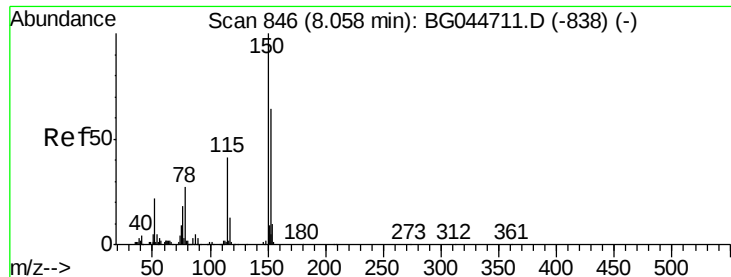
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG044772.D

Acq: 13 Mar 2020 18:16

Instrument :

BNA_G

ClientSampleId :

Z1-6

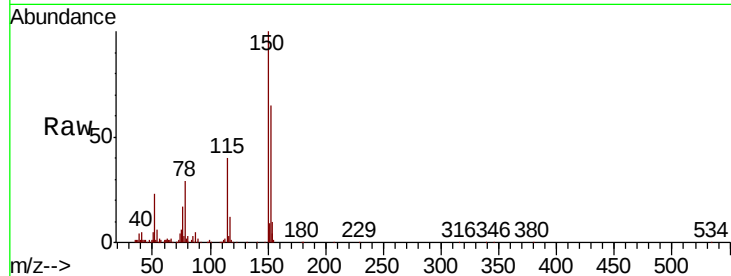
Tot Ion:152 Resp: 115040

Ion Ratio Lower Upper

152 100

150 152.9 125.3 187.9

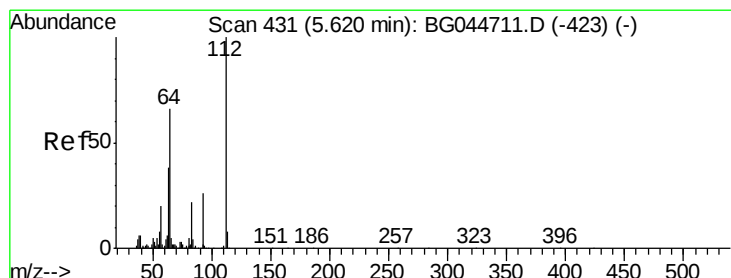
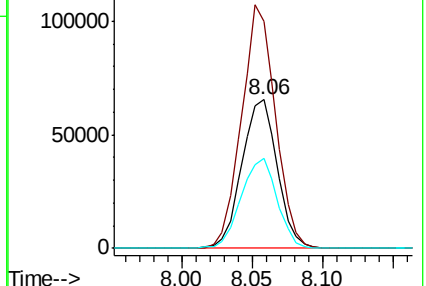
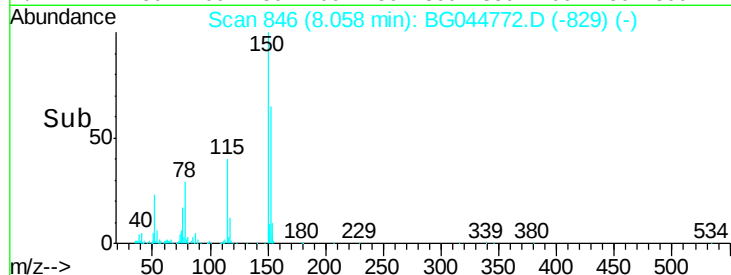
115 60.8 51.7 77.5



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: 96.528 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044772.D

Acq: 13 Mar 2020 18:16

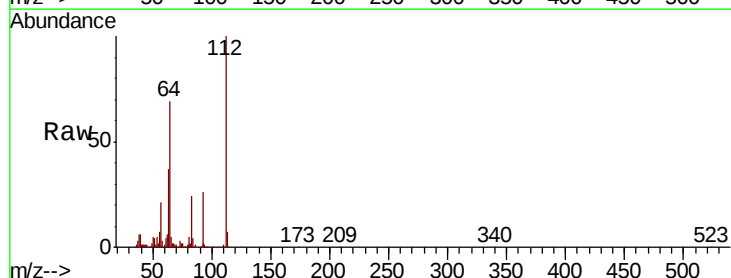
Tgt Ion:112 Resp: 713346

Ion Ratio Lower Upper

112 100

64 68.6 52.6 78.8

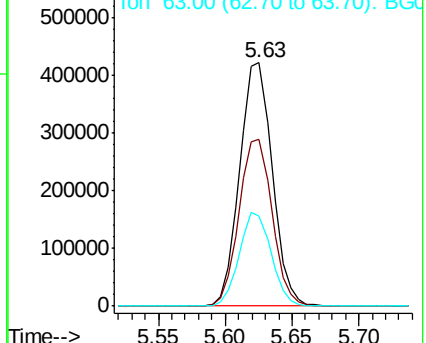
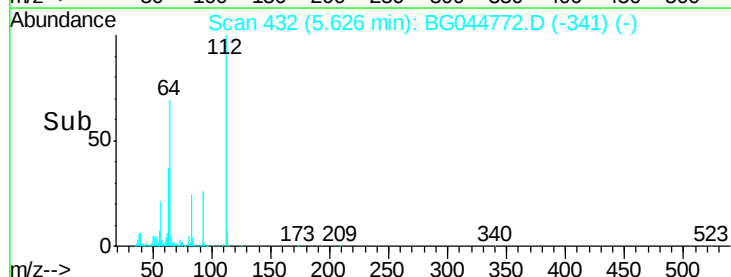
63 36.8 30.2 45.4

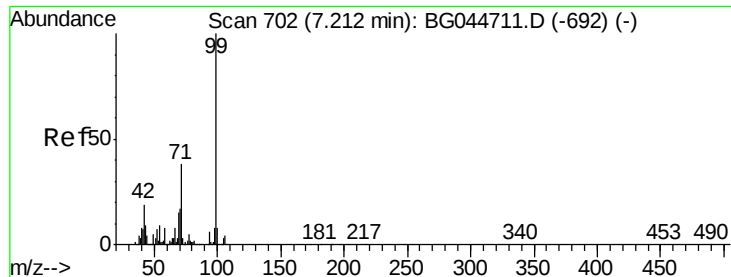


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 97.793 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044772.D

Acq: 13 Mar 2020 18:16

Instrument :

BNA_G

ClientSampleId :

Z1-6

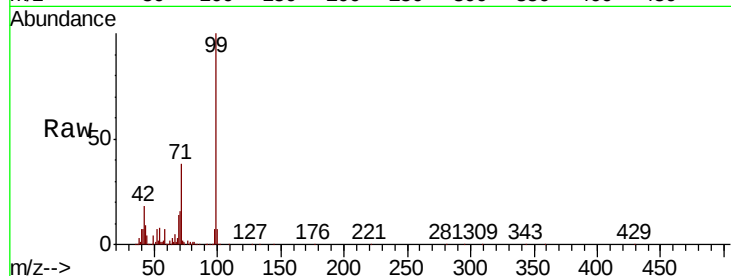
Tot Ion: 99 Resp: 1050026

Ion Ratio Lower Upper

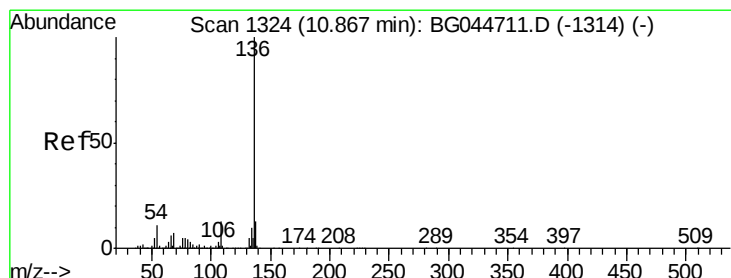
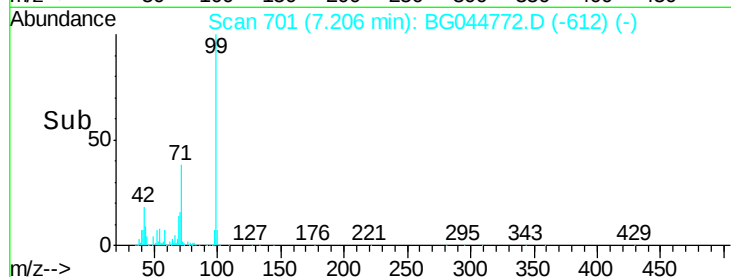
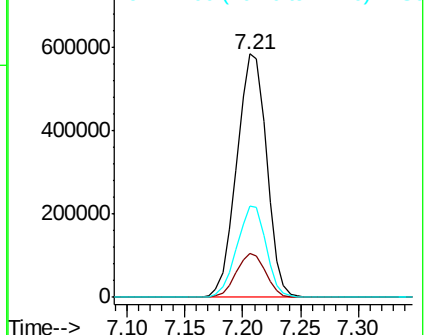
99 100

42 18.2 15.4 23.0

71 37.8 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: BG044772.D

Acq: 13 Mar 2020 18:16

Tgt Ion: 136 Resp: 477705

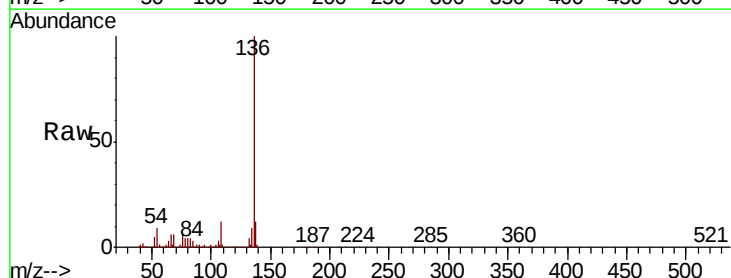
Ion Ratio Lower Upper

136 100

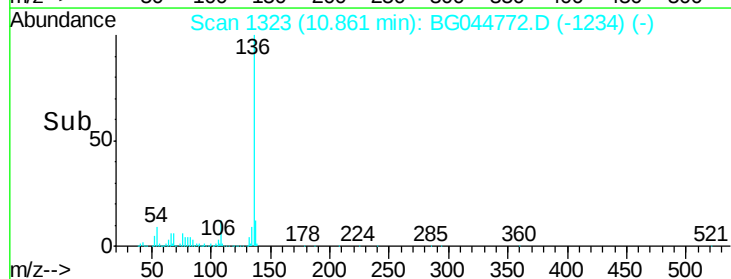
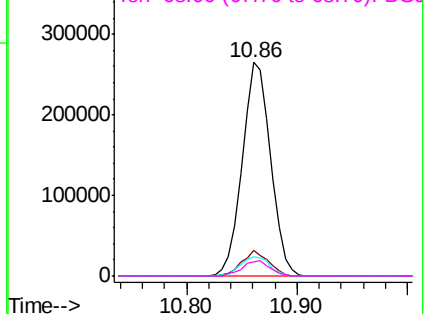
137 12.2 10.7 16.1

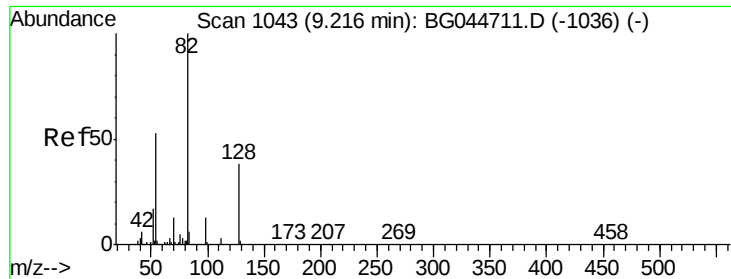
54 9.0 9.0 13.4

68 6.4 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

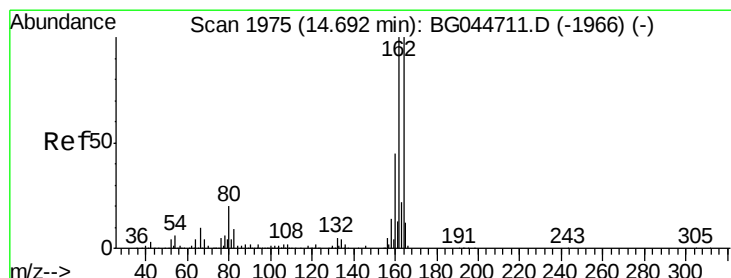
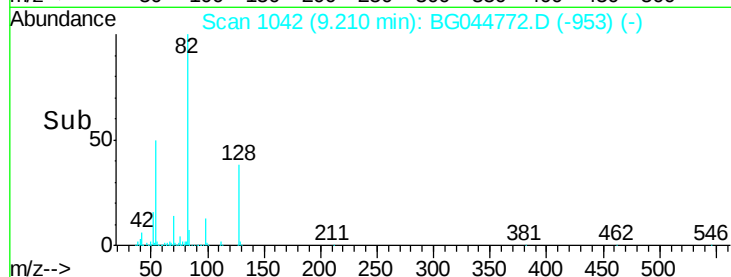
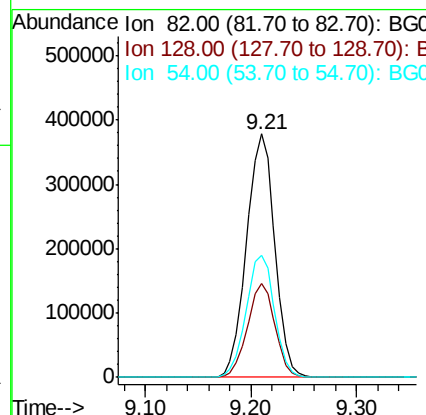
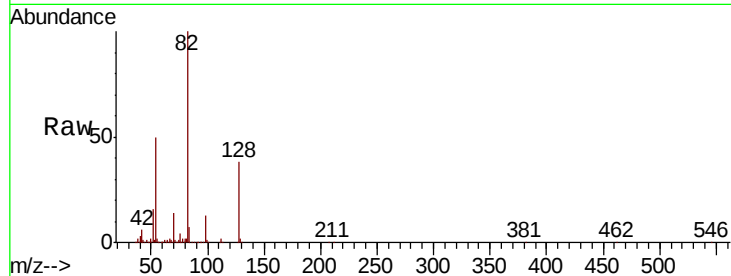




#23
 Nitrobenzene-d5
 Concen: 64.563 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044772.D
 Acq: 13 Mar 2020 18:16

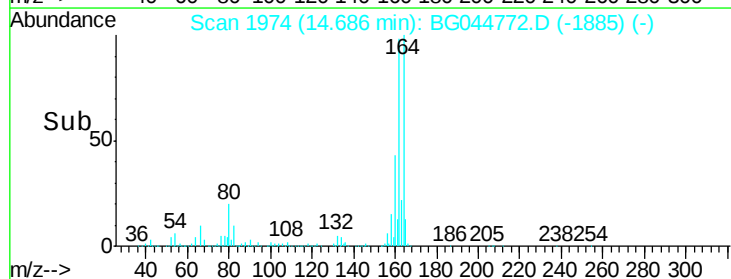
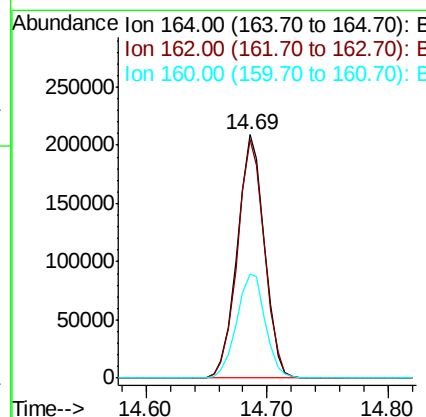
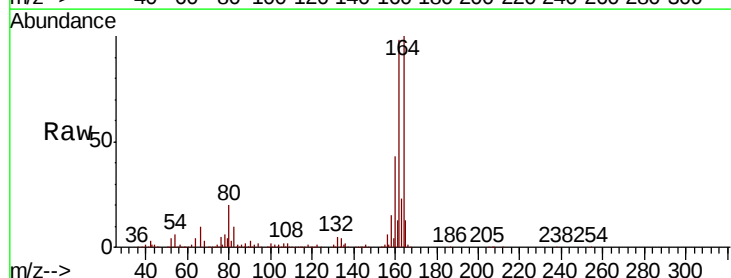
Instrument :
 BNA_G
 ClientSampleID :
 Z1-6

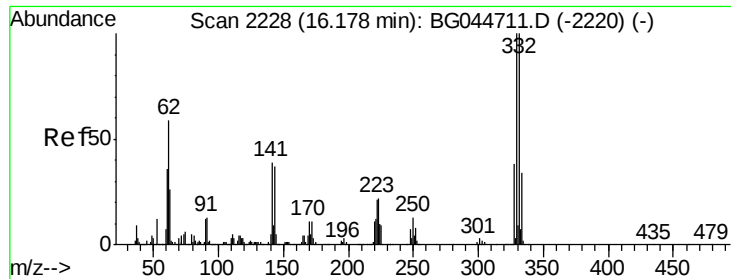
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.2	45.2
54	50.2	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG044772.D
 Acq: 13 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.2	120.4
160	43.0	36.2	54.2

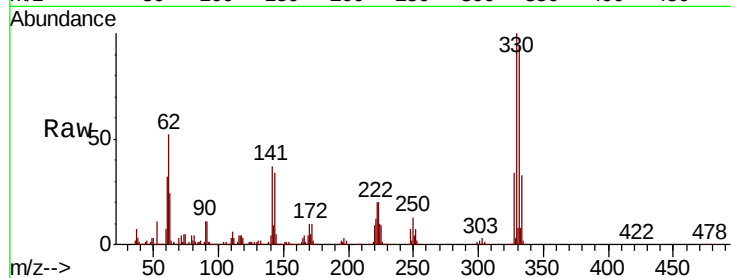




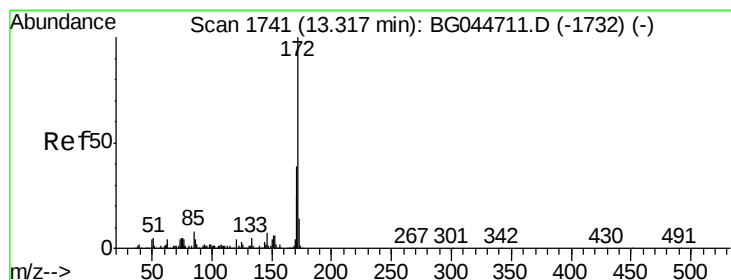
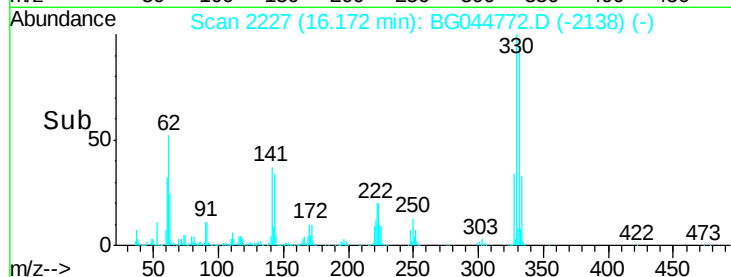
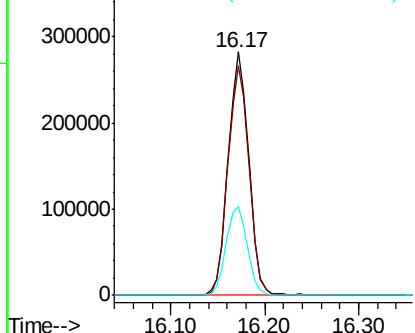
#42
 2,4,6-Tribromophenol
 Concen: 100.634 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044772.D
 Acq: 13 Mar 2020 18:16

Instrument :
 BNA_G
 ClientSampleId :
 Z1-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.5	116.3
141	37.5	31.7	47.5

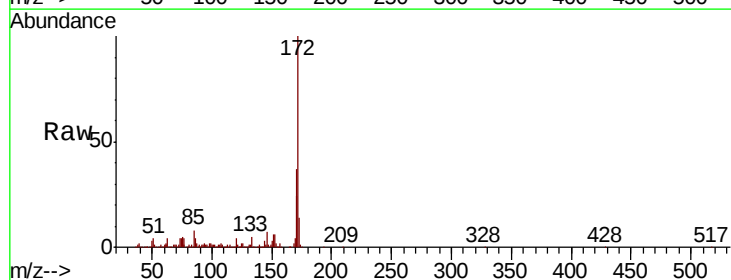


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

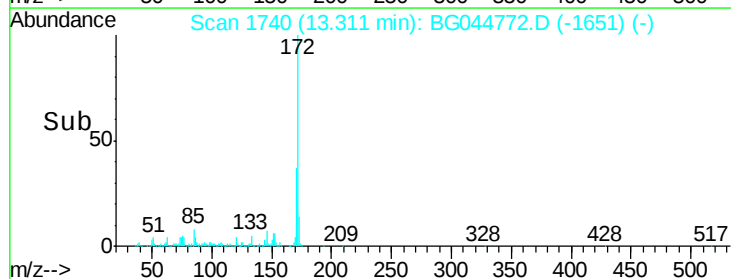
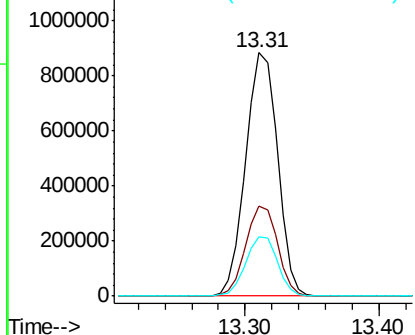


#45
 2-Fluorobiphenyl
 Concen: 63.916 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044772.D
 Acq: 13 Mar 2020 18:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	24.5	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: 5.571 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG044772.D

Acq: 13 Mar 2020 18:16

Instrument :

BNA_G

ClientSampleId :

Z1-6

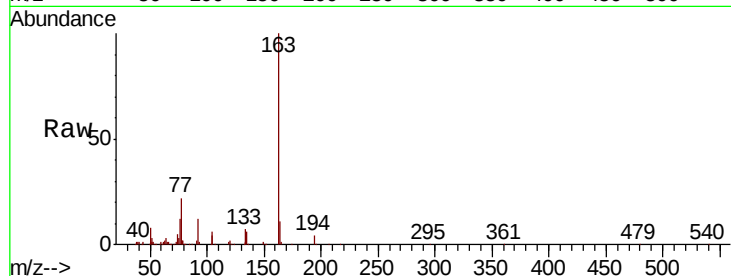
Tot Ion:163 Resp: 145112

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

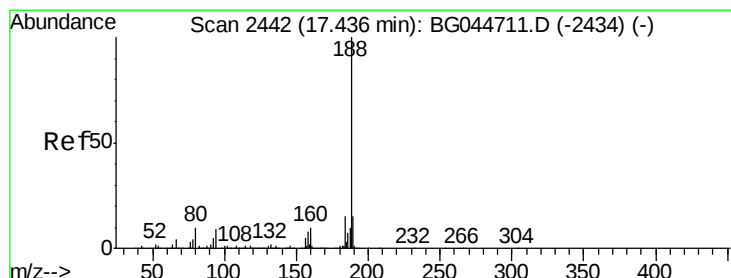
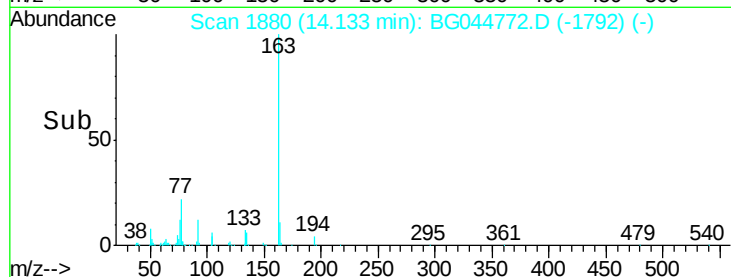
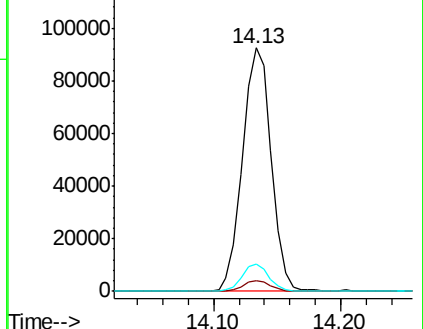
164 11.3 9.2 13.8



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: BG044772.D

Acq: 13 Mar 2020 18:16

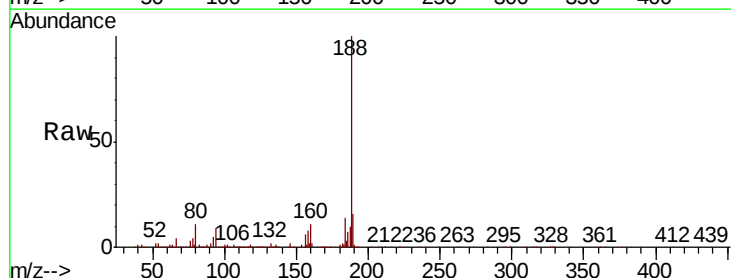
Tgt Ion:188 Resp: 685114

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

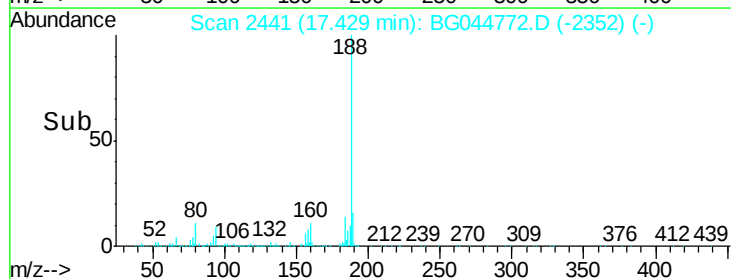
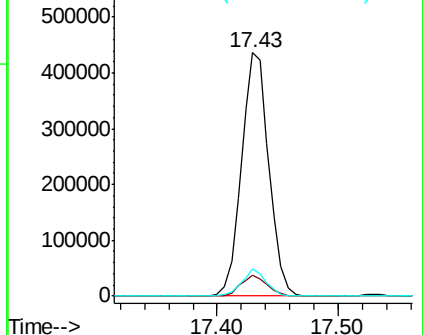
80 11.0 8.4 12.6

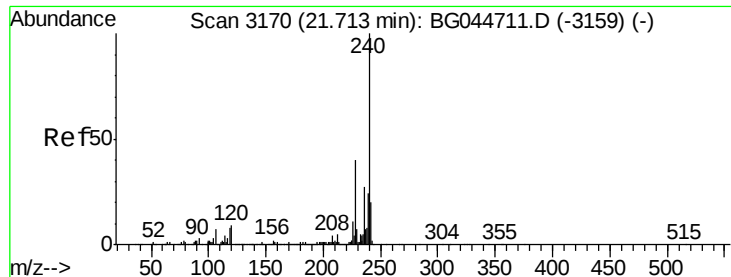


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG044772.D

Acq: 13 Mar 2020 18:16

Instrument :

BNA_G

ClientSampleId :

Z1-6

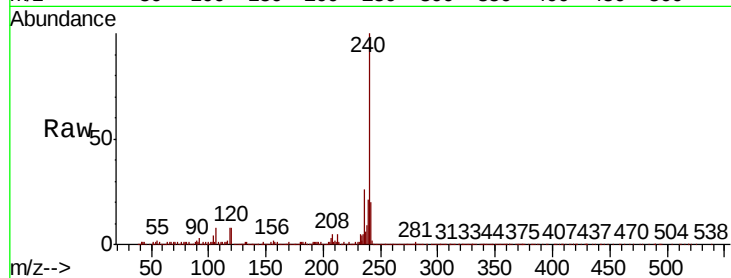
Tot Ion:240 Resp: 528609

Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

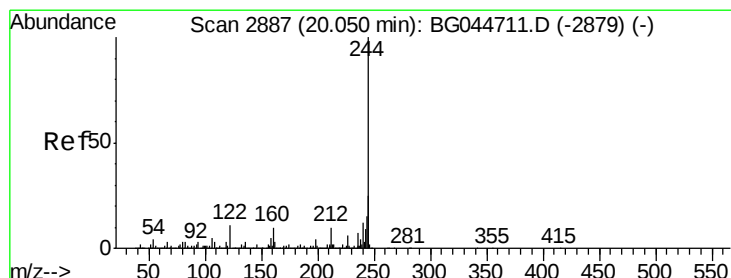
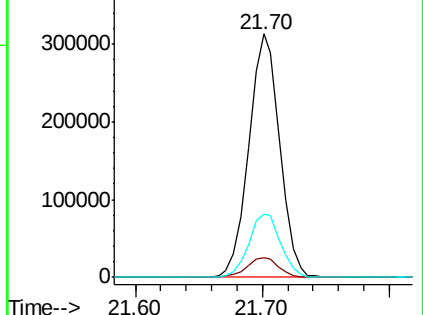
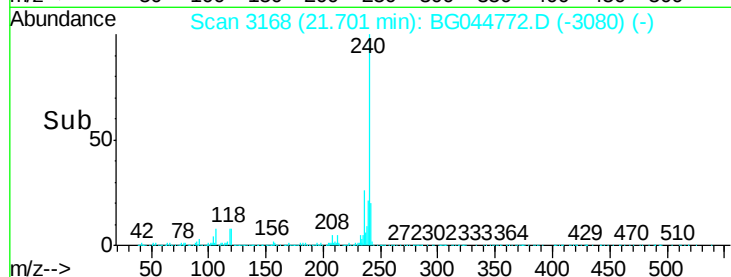
236 25.7 21.9 32.9



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: 67.244 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044772.D

Acq: 13 Mar 2020 18:16

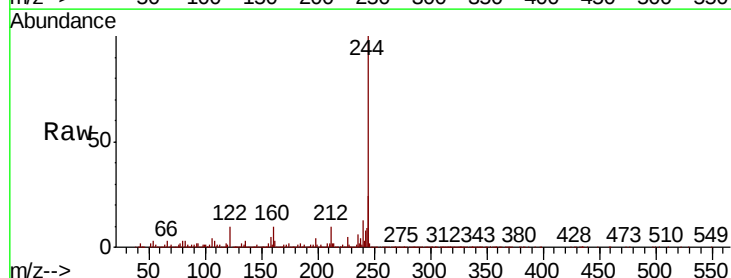
Tgt Ion:244 Resp: 1900275

Ion Ratio Lower Upper

244 100

212 9.7 8.4 12.6

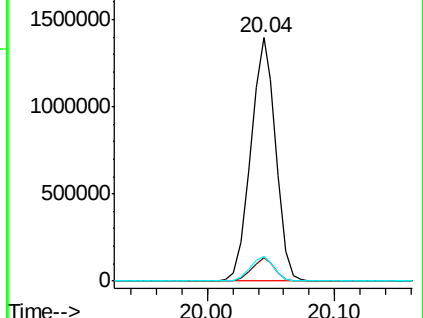
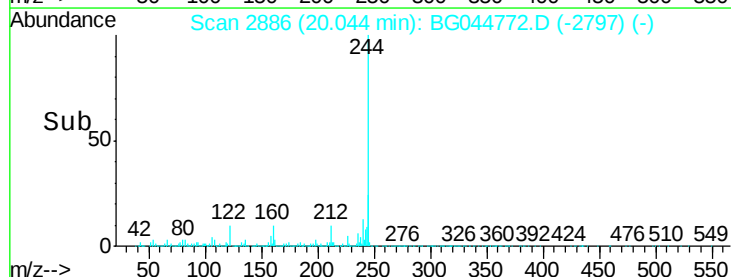
122 10.3 8.7 13.1

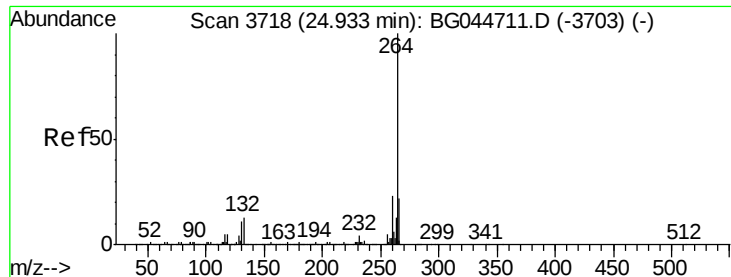


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

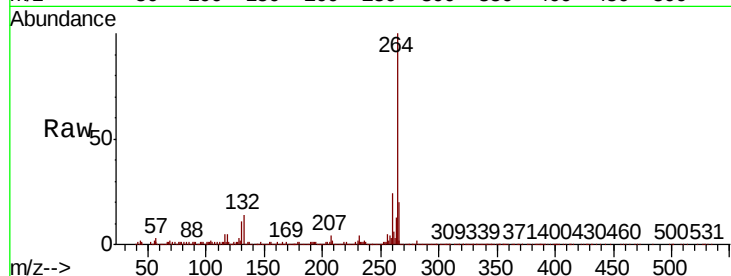




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :
Z1-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	20.3	17.4	26.2



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

