

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044148.D
 Acq On : 22 Jan 2020 00:32
 Operator : JU
 Sample : L1202-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F1-F2-(SETTLED)

Quant Time: Jan 22 07:31:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

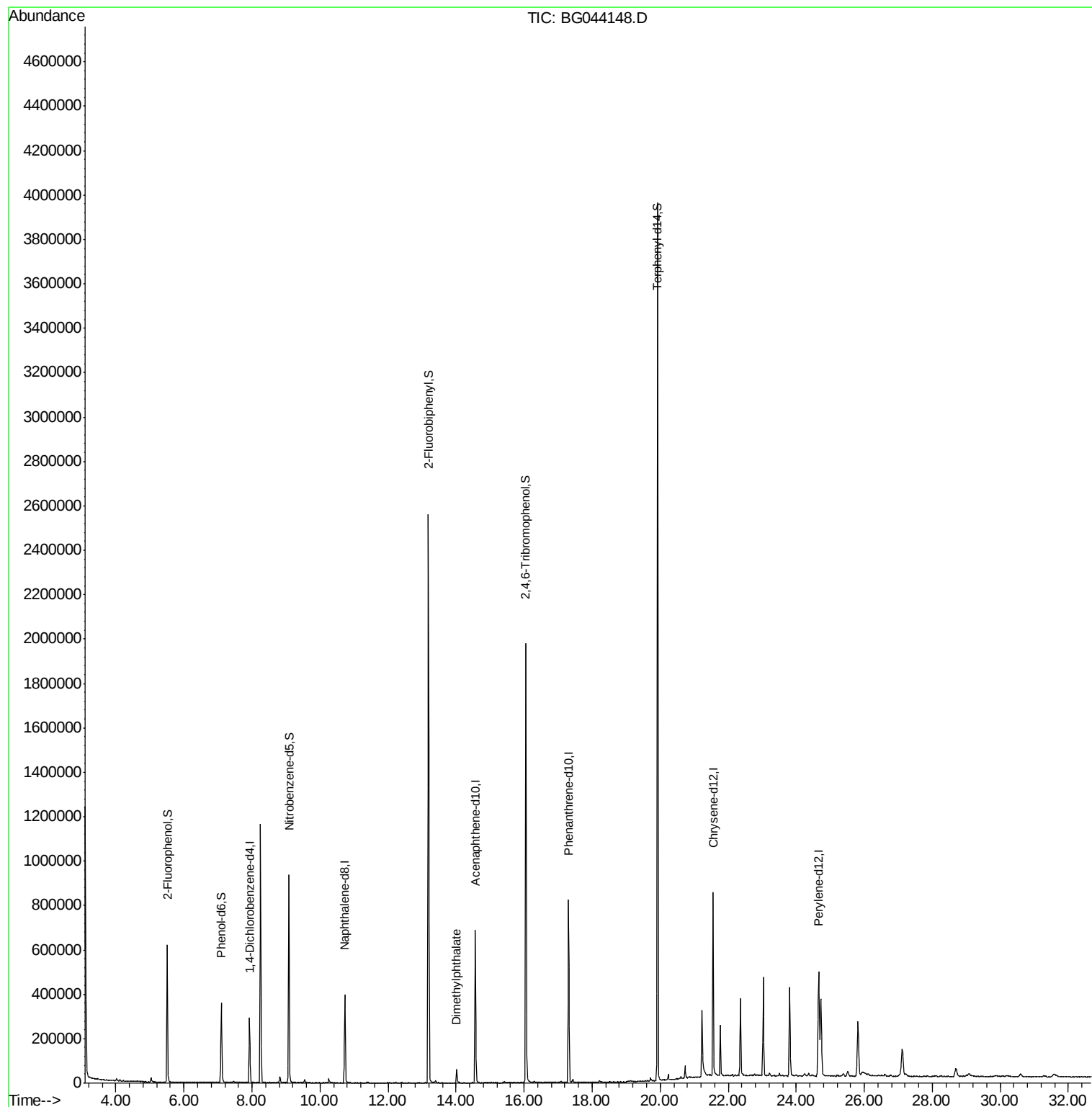
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	85966	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	372659	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	253424	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	532302	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	454045	20.00	ng	-0.03
87) Perylene-d12	24.66	264	504694	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	302052	64.51	ng	-0.03
7) Phenol-d6	7.10	99	243636	37.23	ng	-0.02
23) Nitrobenzene-d5	9.09	82	599358	86.04	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	380890	143.62	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1383979	98.94	ng	-0.03
79) Terphenyl-d14	19.92	244	1858570	104.64	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.02	163	49648	2.759	ng	Qvalue # 95

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

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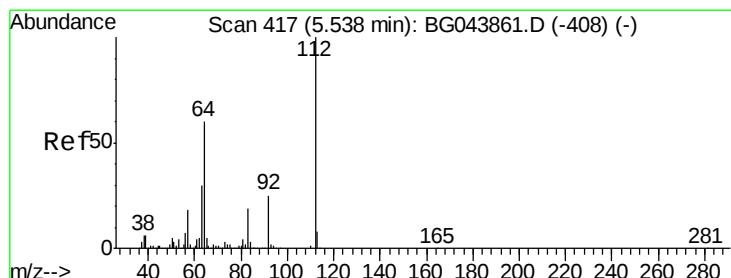
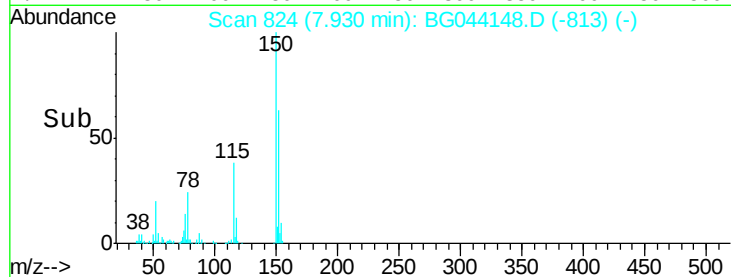
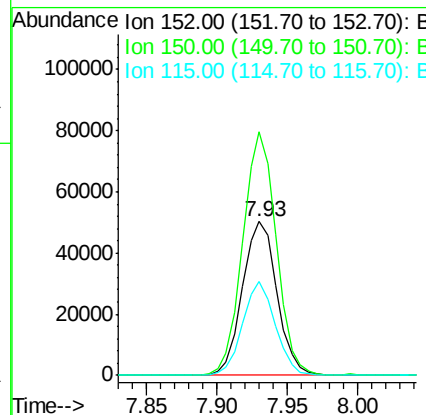
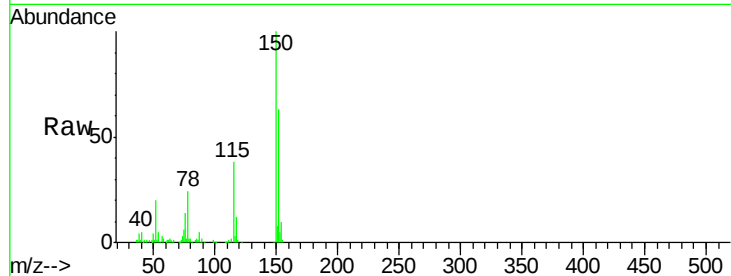


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044148.D
Acq: 22 Jan 2020 00:32

Instrument :
BNA_G
ClientSampleId :
F1-F2-(SETTLED)

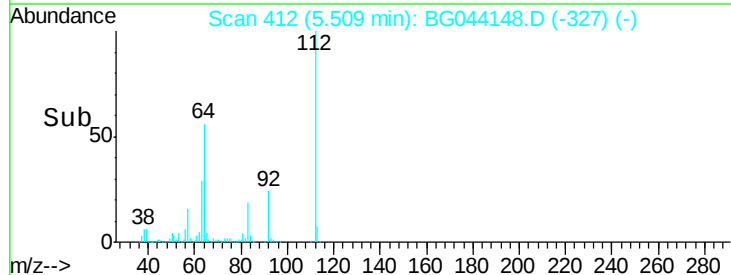
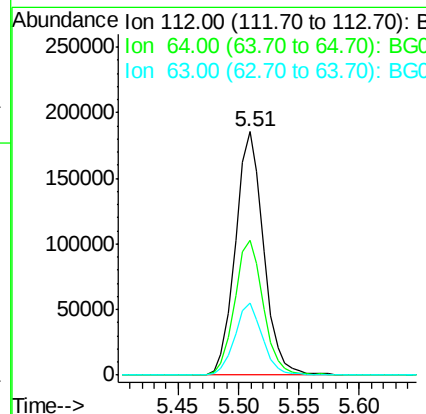
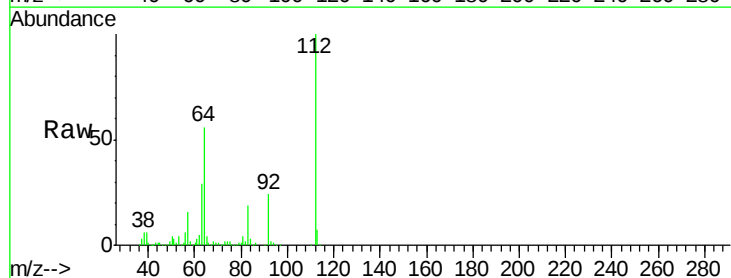
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	127.0	190.4
115	60.7	47.8	71.8

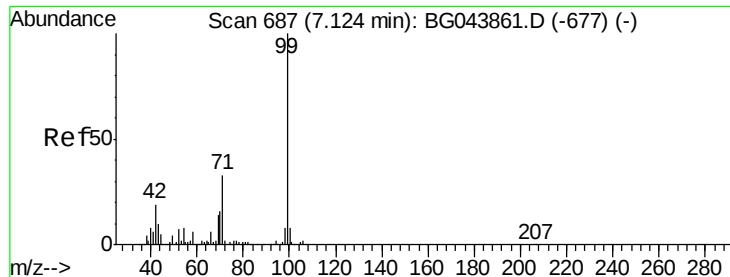


#5

2-Fluorophenol
Concen: 64.514 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044148.D
Acq: 22 Jan 2020 00:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.8	71.6
63	29.4	24.3	36.5





#7

Phenol-d6

Concen: 37.228 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044148.D

Acq: 22 Jan 2020 00:32

Instrument :

BNA_G

ClientSampleId :

F1-F2-(SETTLED)

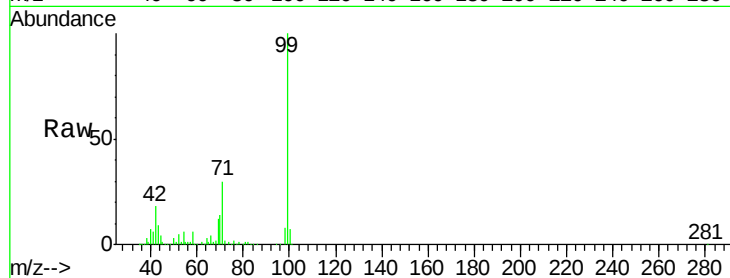
Tot Ion: 99 Resp: 243636

Ion Ratio Lower Upper

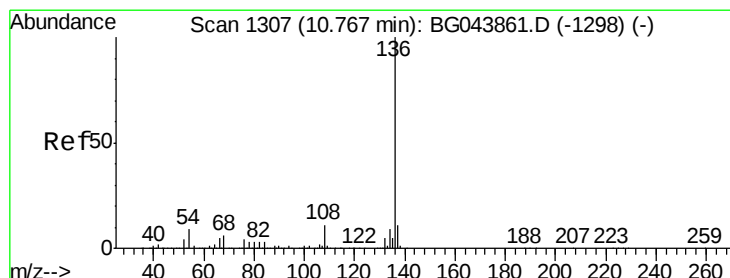
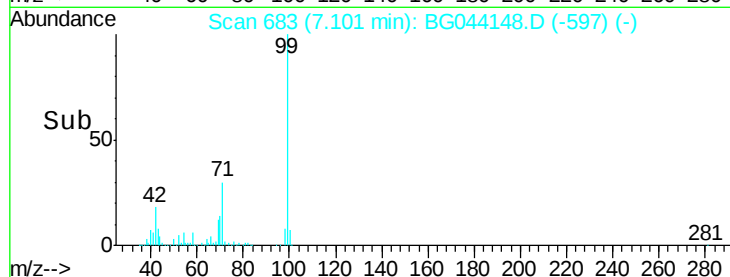
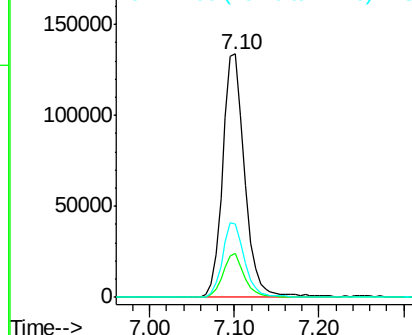
99 100

42 18.0 14.9 22.3

71 30.2 26.4 39.6



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: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044148.D

Acq: 22 Jan 2020 00:32

Tgt Ion: 136 Resp: 372659

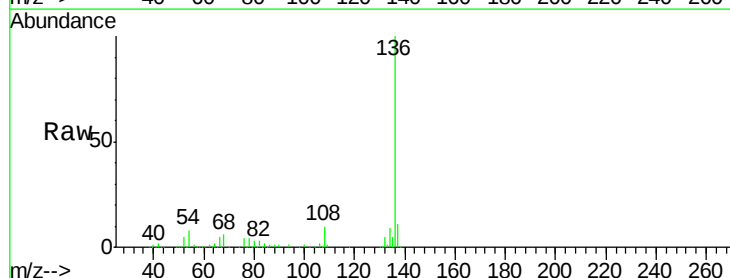
Ion Ratio Lower Upper

136 100

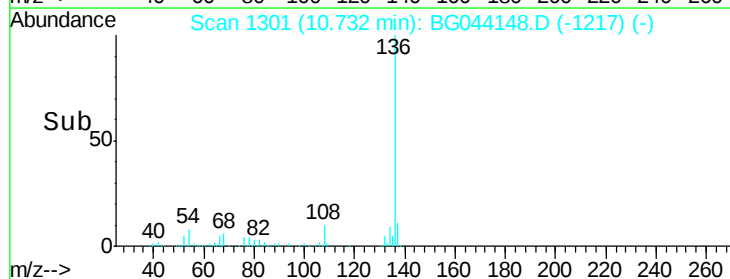
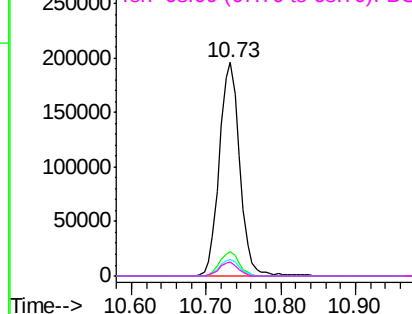
137 11.1 8.8 13.2

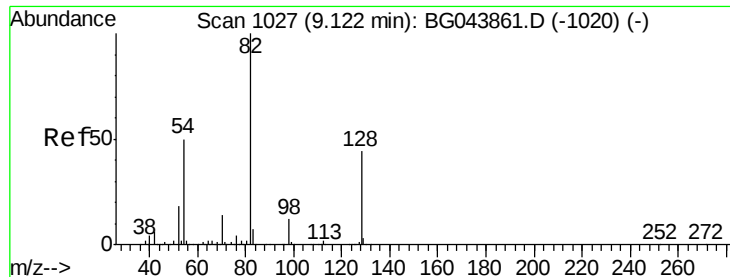
54 7.5 7.0 10.4

68 6.3 4.9 7.3



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

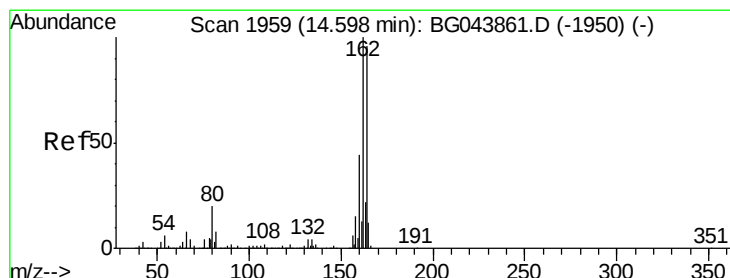
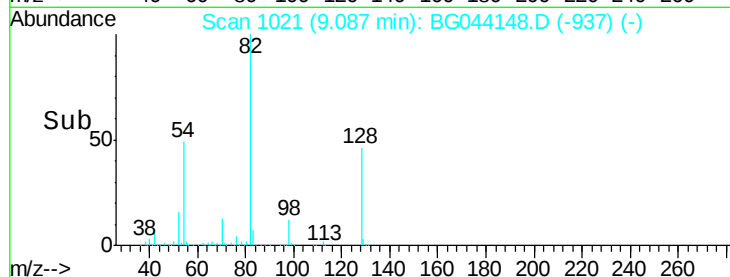
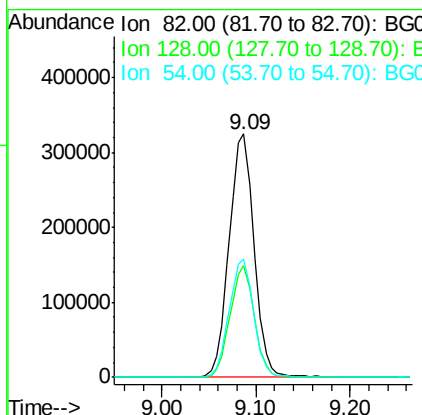
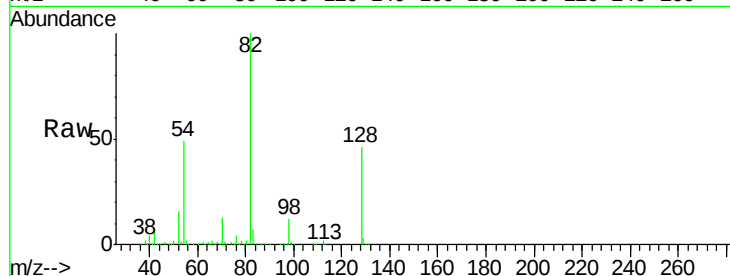




#23
Nitrobenzene-d5
Concen: 86.039 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044148.D
Acq: 22 Jan 2020 00:32

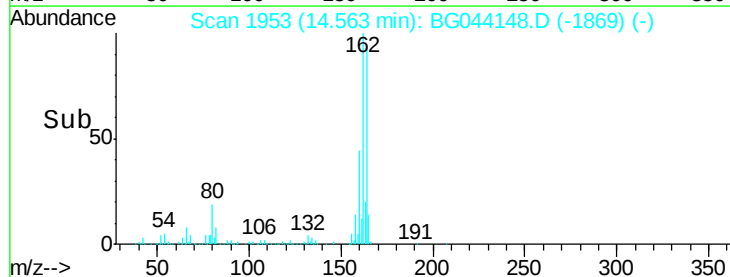
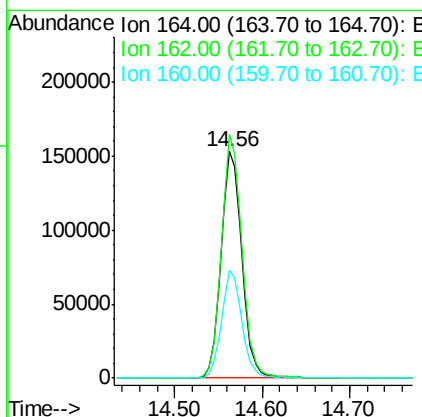
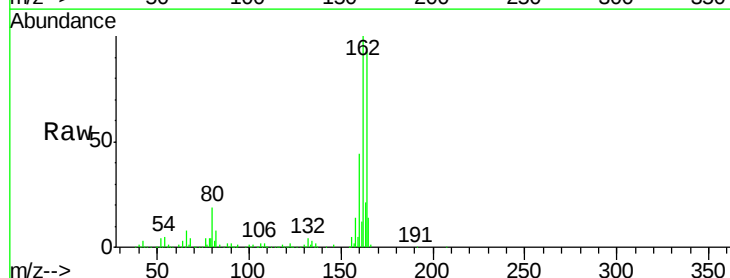
Instrument :
BNA_G
ClientSampleId :
F1-F2-(SETTLED)

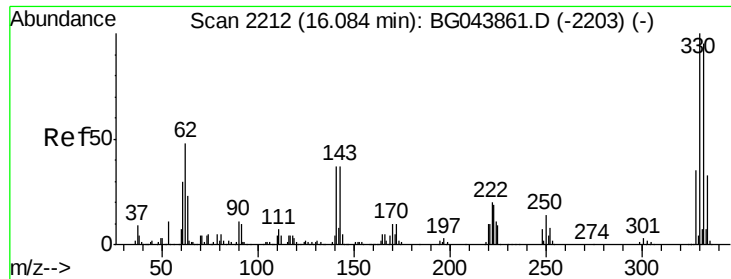
Tot Ion	82	Resp	599358
Ion Ratio	Lower	Upper	
82	100		
128	46.2	35.1	52.7
54	48.6	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044148.D
Acq: 22 Jan 2020 00:32

Tgt Ion	164	Resp	253424
Ion Ratio	Lower	Upper	
164	100		
162	107.4	83.0	124.4
160	47.5	36.1	54.1

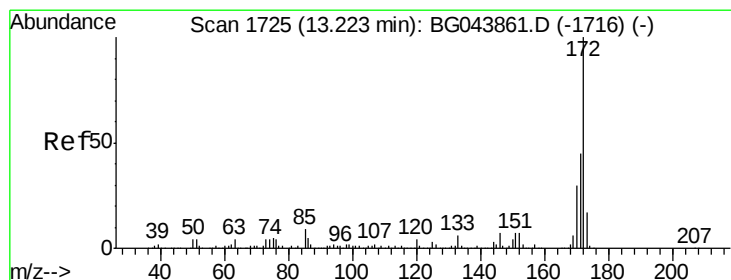
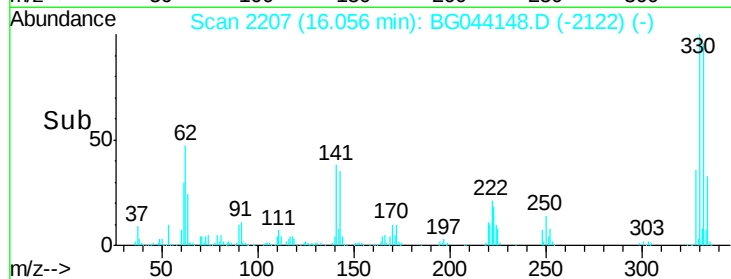
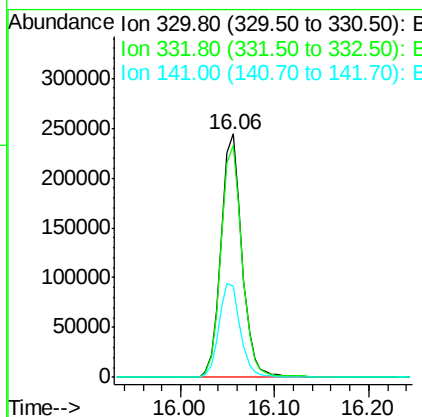
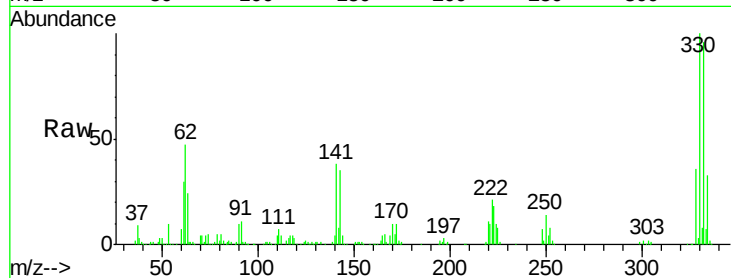




#42
 2,4,6-Tribromophenol
 Concen: 143.622 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044148.D
 Acq: 22 Jan 2020 00:32

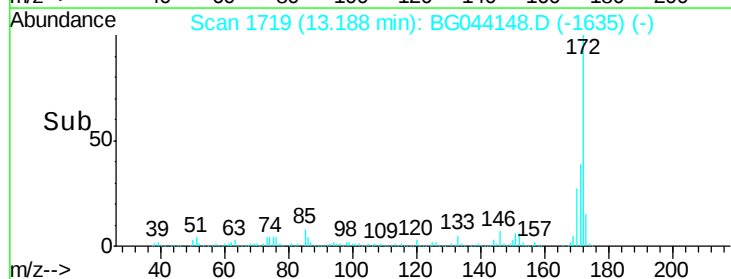
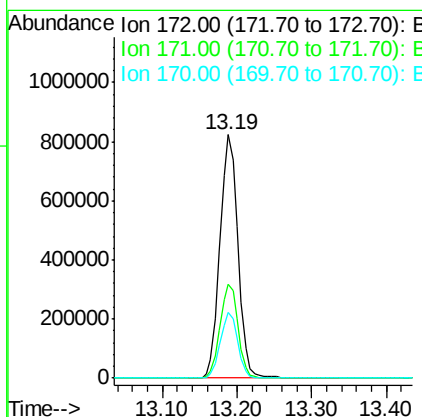
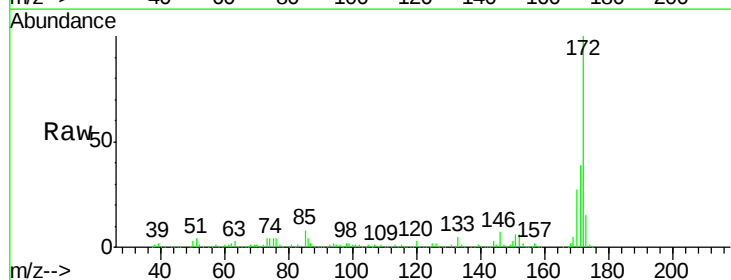
Instrument :
 BNA_G
 ClientSampleId :
 F1-F2-(SETTLED)

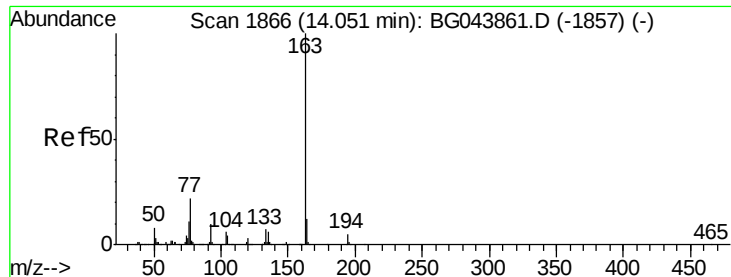
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	39.8	33.1	49.7



#45
 2-Fluorobiphenyl
 Concen: 98.943 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044148.D
 Acq: 22 Jan 2020 00:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	35.8	53.8
170	26.7	24.2	36.4





#50

Dimethylphthalate

Concen: 2.759 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.03 min

Lab File: BG044148.D

Acq: 22 Jan 2020 00:32

Instrument :

BNA_G

ClientSampleId :

F1-F2-(SETTLED)

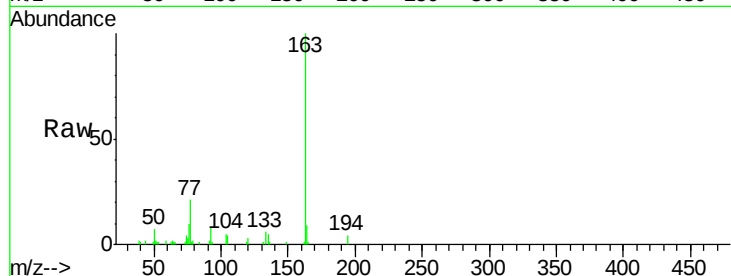
Tot Ion:163 Resp: 49648

Ion Ratio Lower Upper

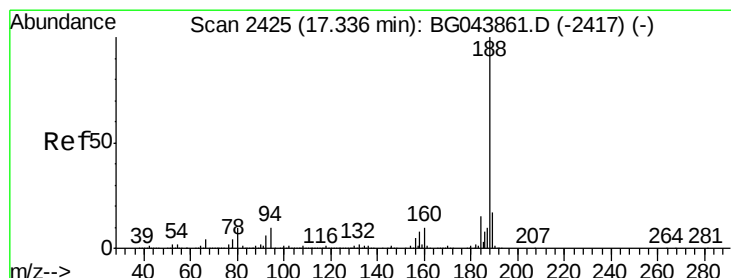
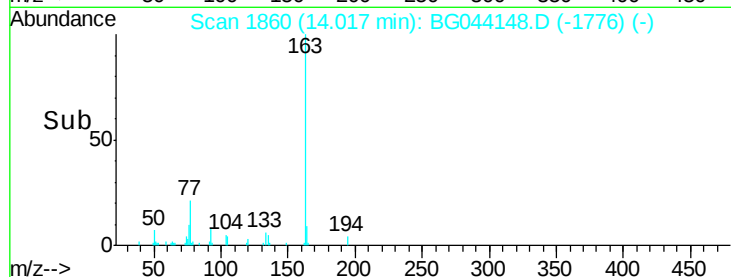
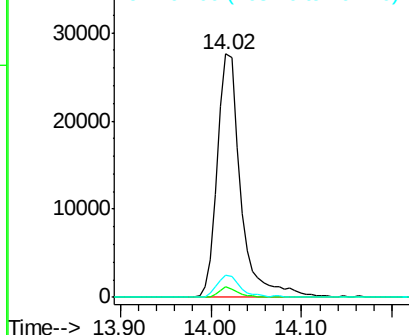
163 100

194 4.4 3.7 5.5

164 9.2 9.3 13.9#



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: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044148.D

Acq: 22 Jan 2020 00:32

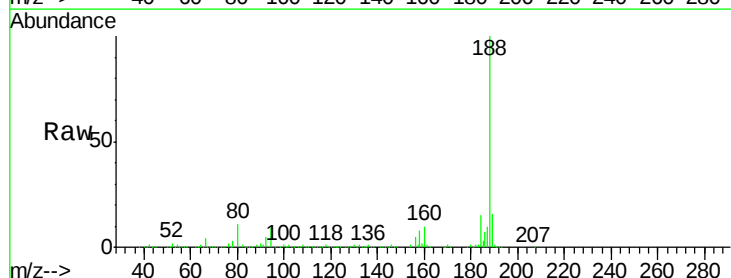
Tgt Ion:188 Resp: 532302

Ion Ratio Lower Upper

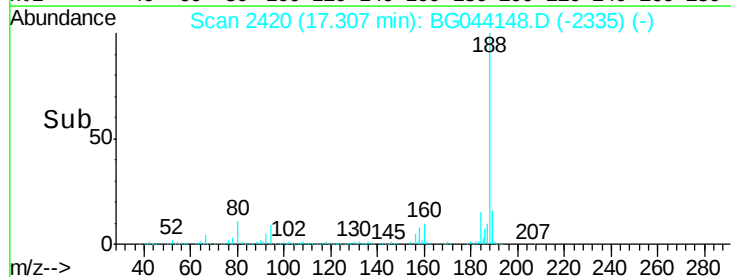
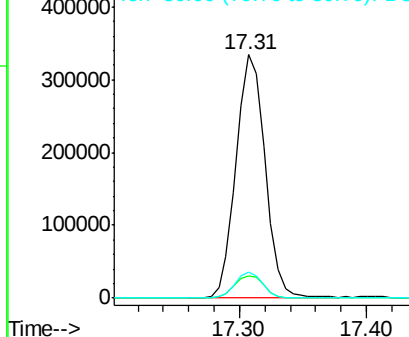
188 100

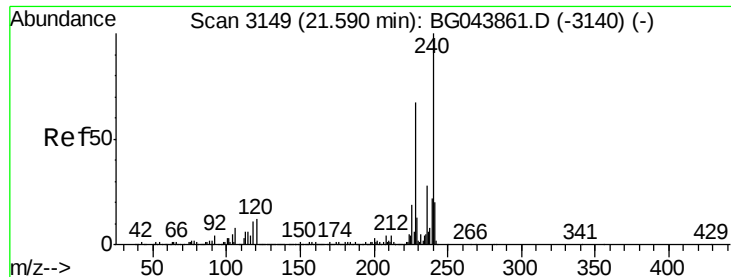
94 9.2 7.9 11.9

80 10.5 8.2 12.4



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: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044148.D

Acq: 22 Jan 2020 00:32

Instrument :

BNA_G

ClientSampleId :

F1-F2-(SETTLED)

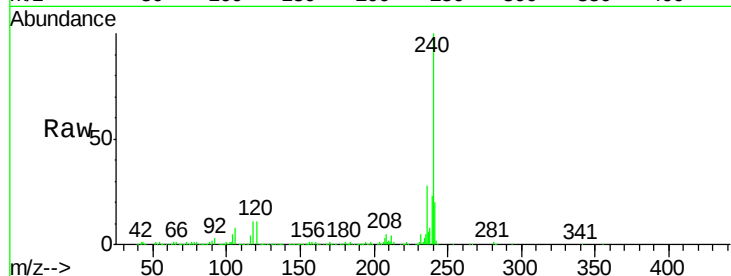
Tot Ion:240 Resp: 454045

Ion Ratio Lower Upper

240 100

120 11.2 9.6 14.4

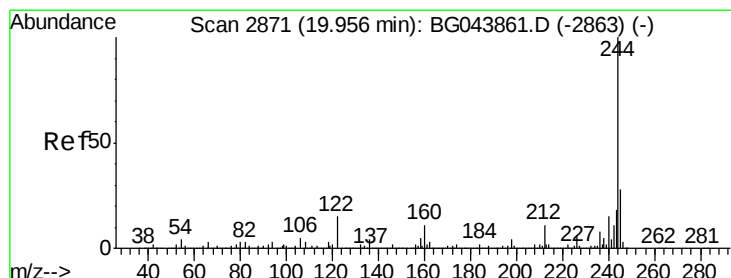
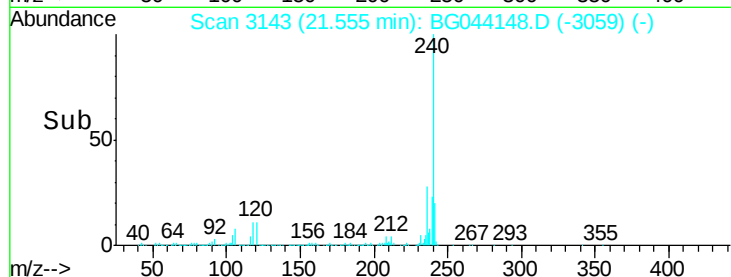
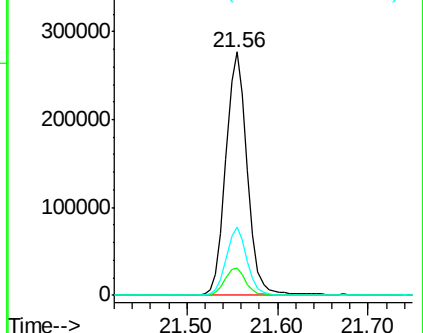
236 27.9 22.2 33.2



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: 104.637 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044148.D

Acq: 22 Jan 2020 00:32

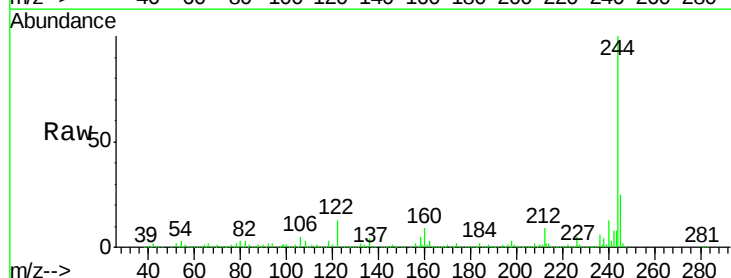
Tgt Ion:244 Resp: 1858570

Ion Ratio Lower Upper

244 100

212 9.2 8.6 13.0

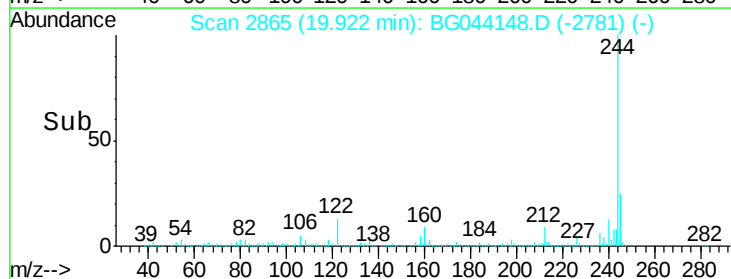
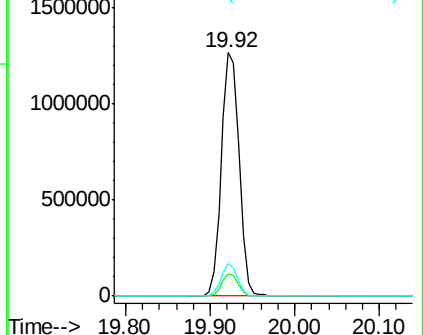
122 13.1 11.9 17.9

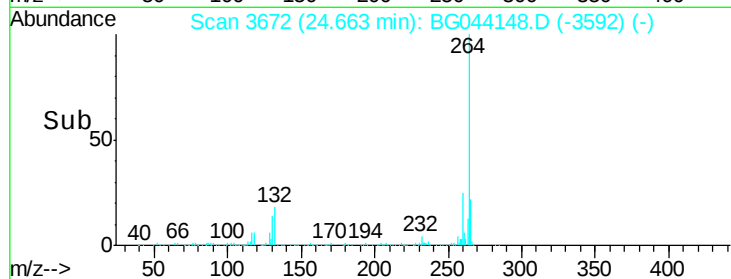
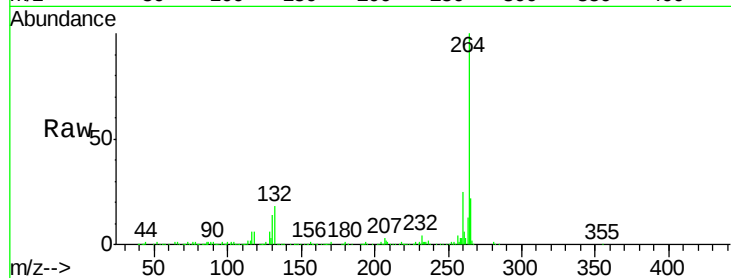
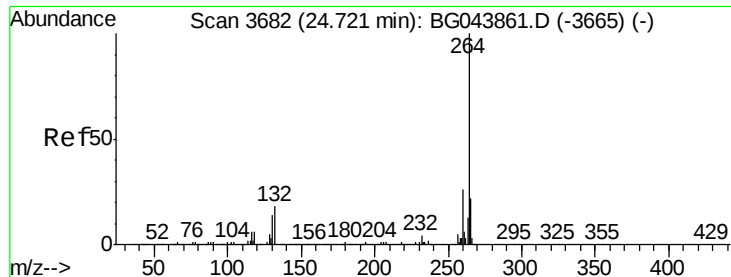


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044148.D
Acq: 22 Jan 2020 00:32

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	22.3	17.4	26.2

