

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043550.D
 Acq On : 7 Nov 2019 22:05
 Operator : JU
 Sample : K5723-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10-B

Quant Time: Nov 08 04:53:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

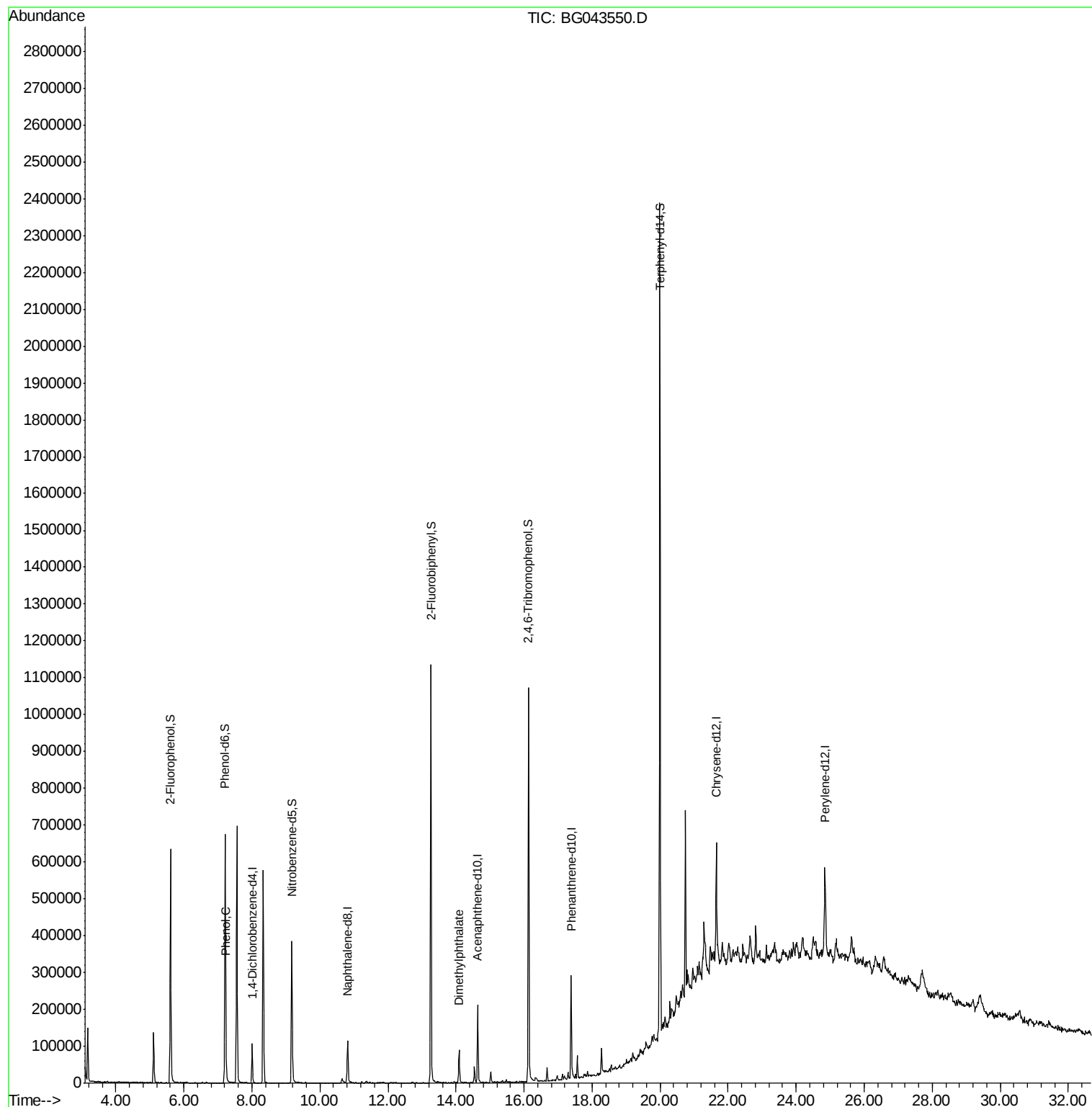
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	33913	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	114538	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	85052	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	200780	20.00	ng	0.00
76) Chrysene-d12	21.65	240	213474	20.00	ng	0.00
87) Perylene-d12	24.85	264	248976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	305511	165.08	ng	0.02
7) Phenol-d6	7.21	99	420479	157.91	ng	0.02
23) Nitrobenzene-d5	9.17	82	253403	114.06	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	265089	163.78	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	670409	108.92	ng	0.00
79) Terphenyl-d14	20.00	244	1223005	107.48	ng	0.00
Target Compounds						
10) Phenol	7.24	94	13720	5.639	ng	83
50) Dimethylphthalate	14.09	163	73189	11.110	ng	97

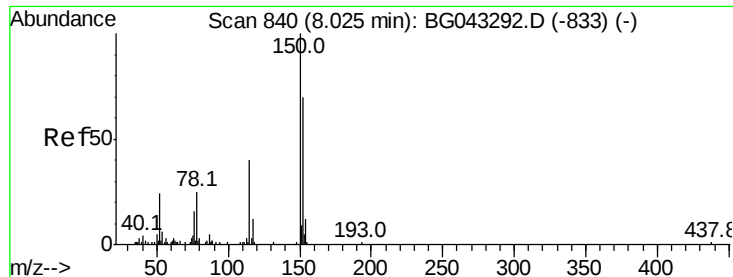
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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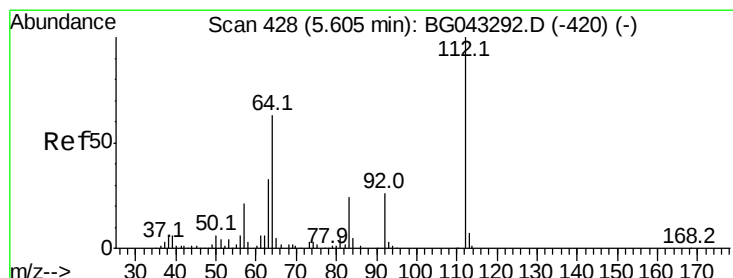
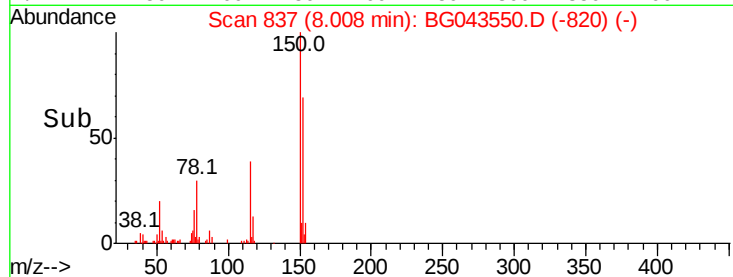
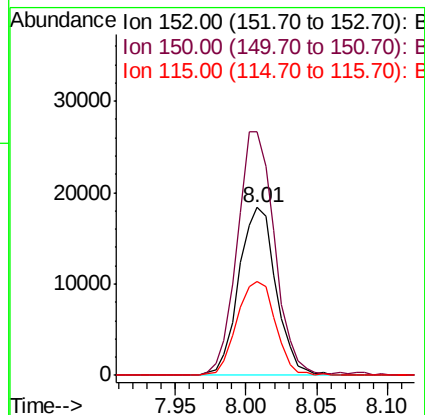
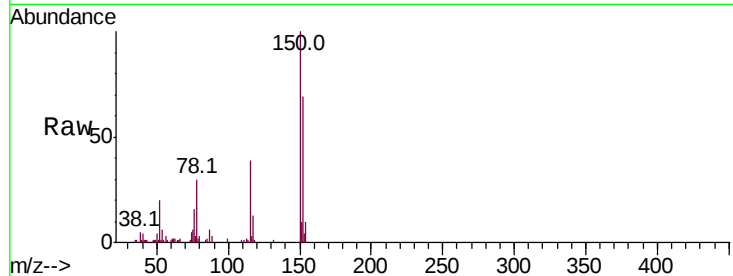


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Instrument :
BNA_G
ClientSampleId :
10-B

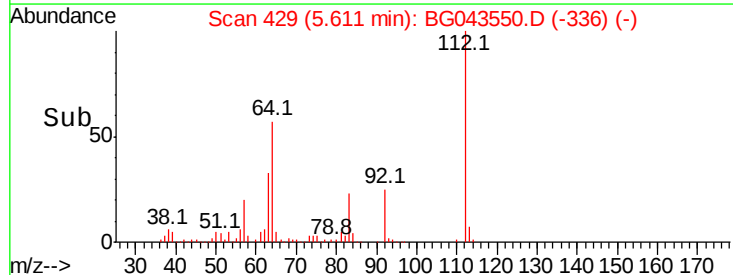
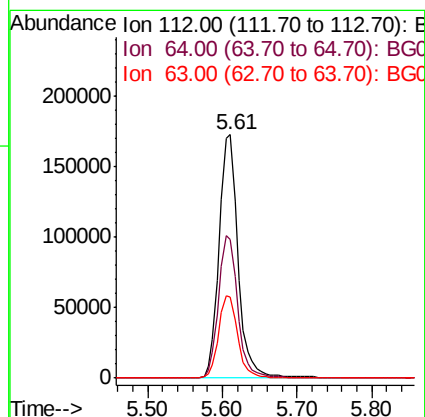
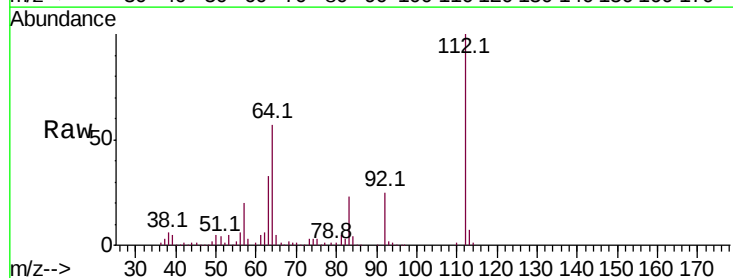
Tot Ion:152 Resp: 33913
Ion Ratio Lower Upper
152 100
150 145.1 129.4 194.0
115 56.3 48.8 73.2

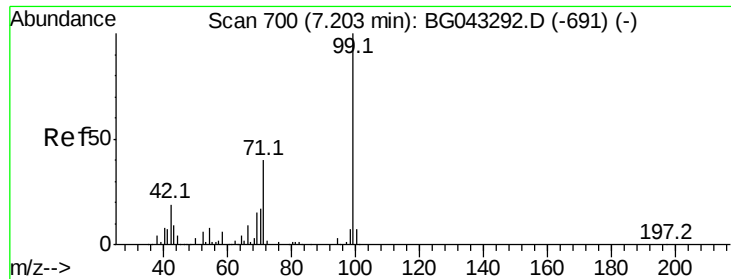


#5

2-Fluorophenol
Concen: 165.079 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Tgt Ion:112 Resp: 305511
Ion Ratio Lower Upper
112 100
64 56.8 50.0 75.0
63 33.4 26.6 40.0





#7

Phenol-d6

Concen: 157.914 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043550.D

Acq: 7 Nov 2019 22:05

Instrument :

BNA_G

ClientSampleId :

10-B

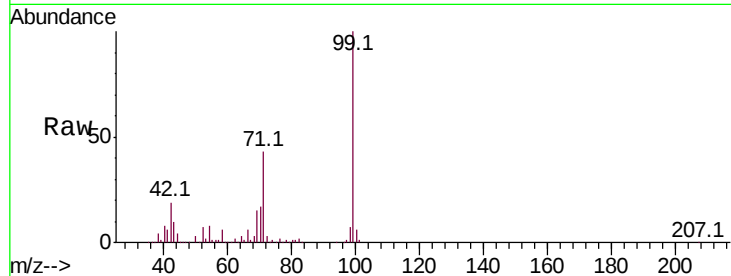
Tot Ion: 99 Resp: 420479

Ion Ratio Lower Upper

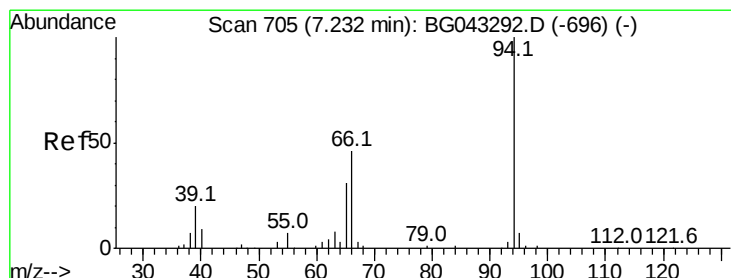
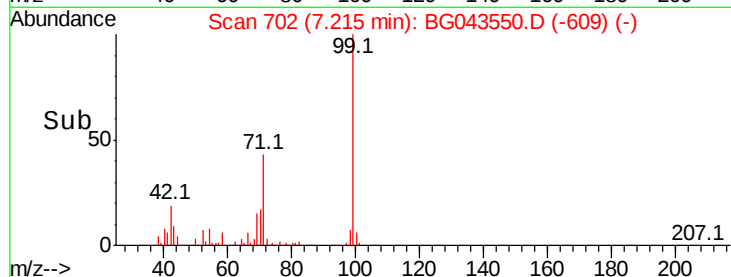
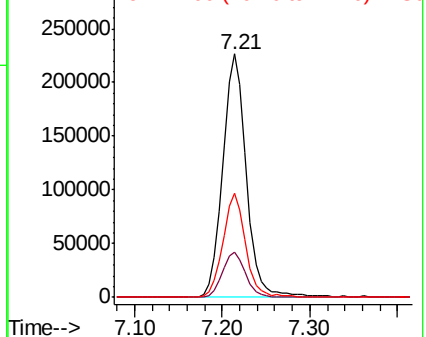
99 100

42 18.5 14.6 21.8

71 42.9 32.5 48.7



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



#10

Phenol

Concen: 5.639 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043550.D

Acq: 7 Nov 2019 22:05

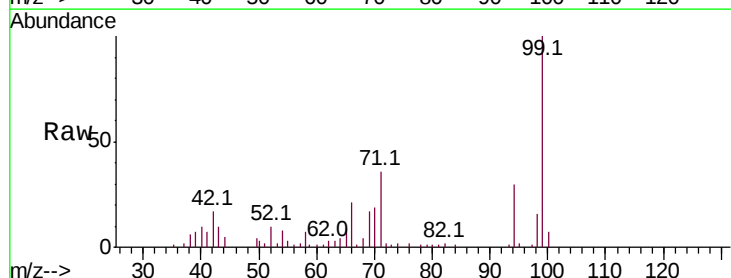
Tgt Ion: 94 Resp: 13720

Ion Ratio Lower Upper

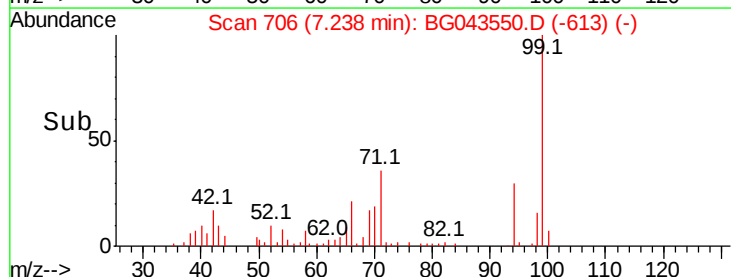
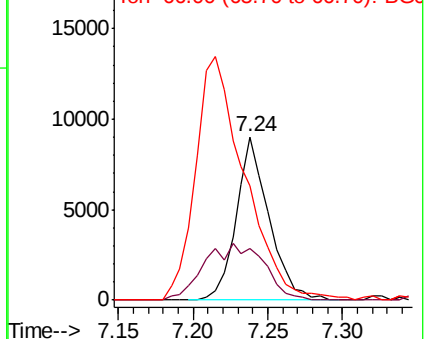
94 100

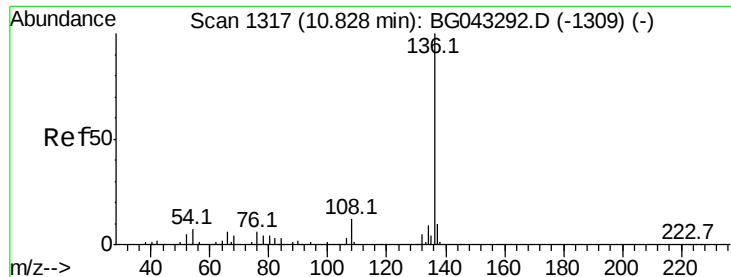
65 32.0 12.6 52.6

66 69.9 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

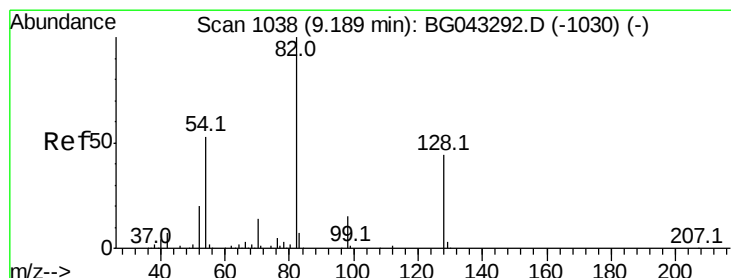
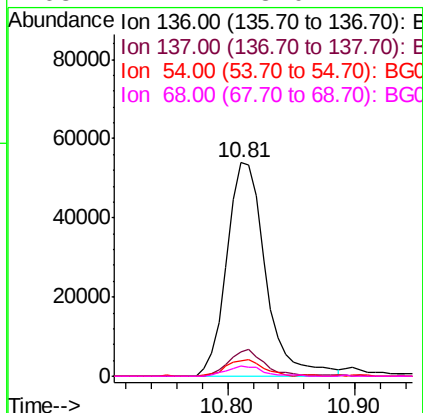
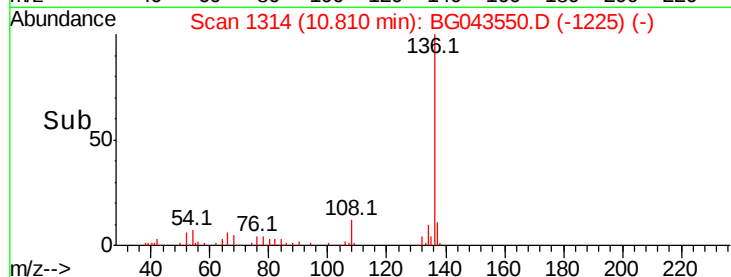
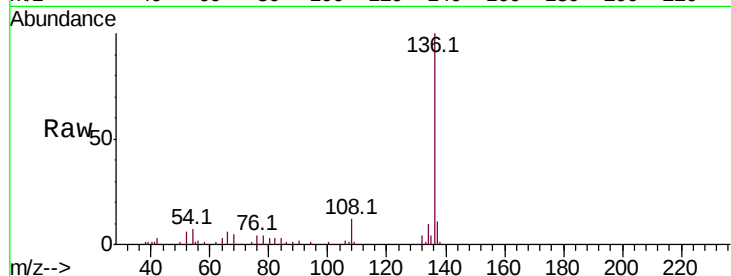




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

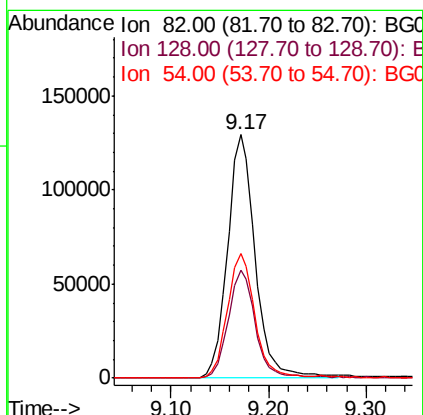
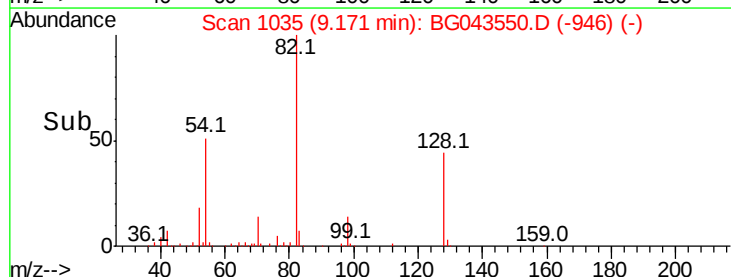
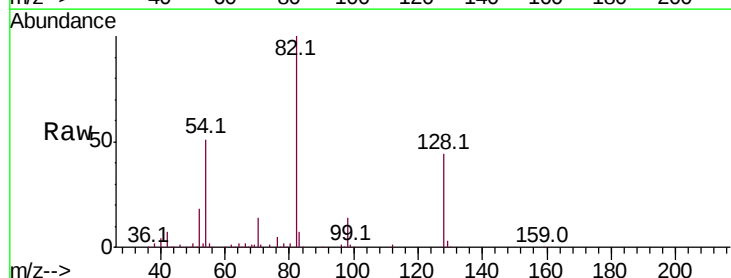
Instrument :
BNA_G
ClientSampleId :
10-B

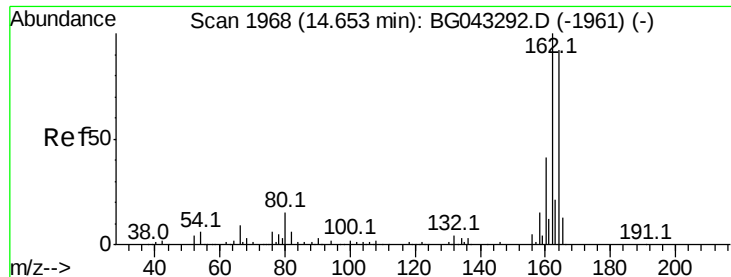
Tot Ion:	136	Resp:	114538
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.2	5.4	8.2
68	4.7	3.0	4.4



#23
Nitrobenzene-d5
Concen: 114.059 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Tgt Ion:	82	Resp:	253403
Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.0	52.6
54	51.1	40.2	60.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG043550.D

Acq: 7 Nov 2019 22:05

Instrument :

BNA_G

ClientSampleId :

10-B

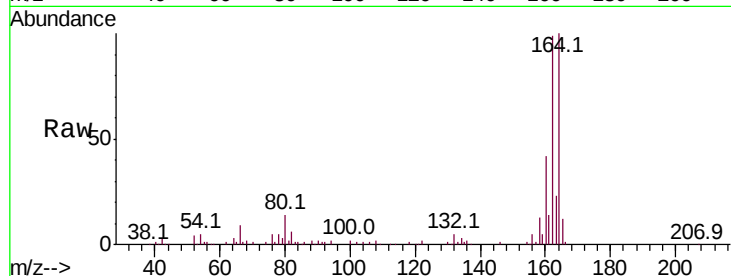
Tot Ion:164 Resp: 85052

Ion Ratio Lower Upper

164 100

162 99.3 83.5 125.3

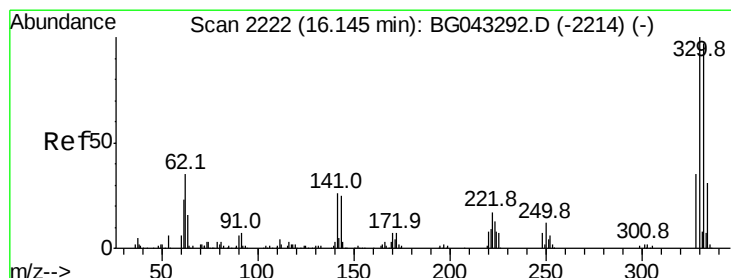
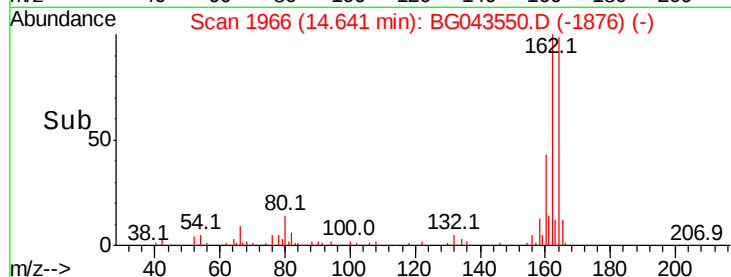
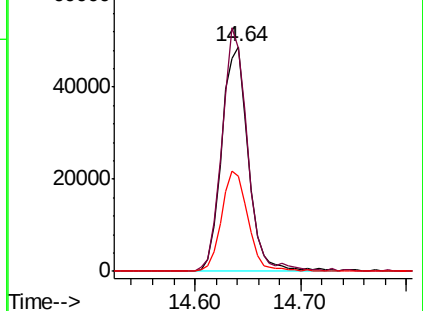
160 42.5 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 163.783 ng

RT: 16.13 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BG043550.D

Acq: 7 Nov 2019 22:05

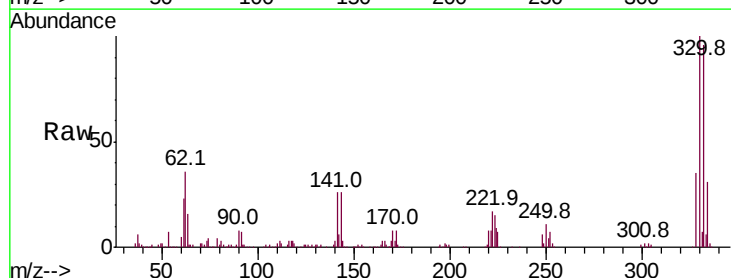
Tgt Ion:330 Resp: 265089

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

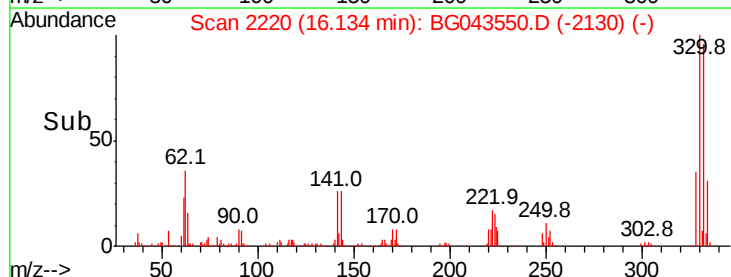
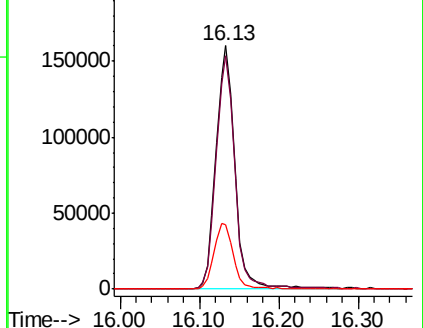
141 28.0 22.8 34.2

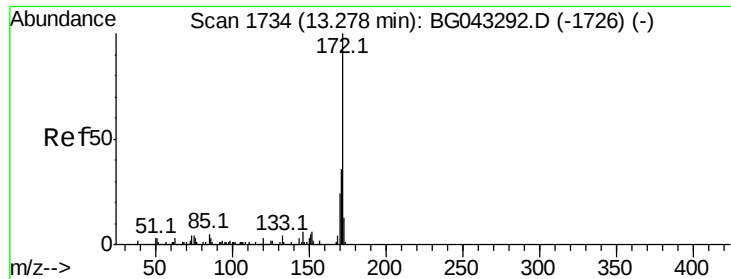


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

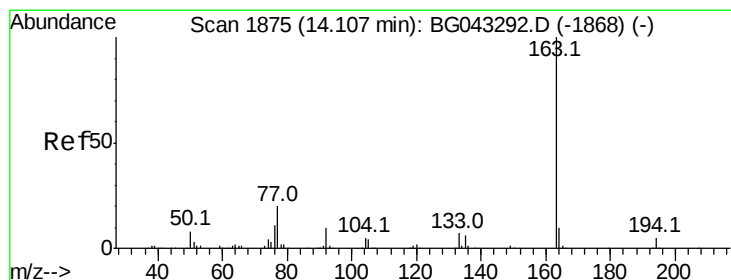
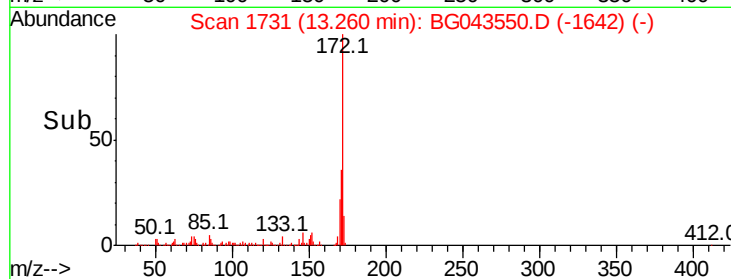
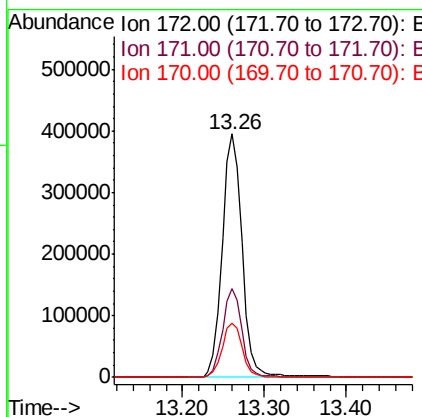
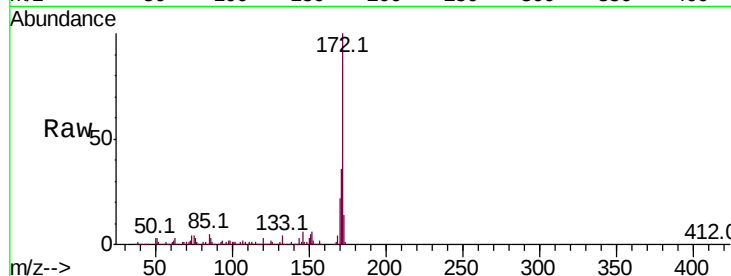




#45
2-Fluorobiphenyl
Concen: 108.918 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

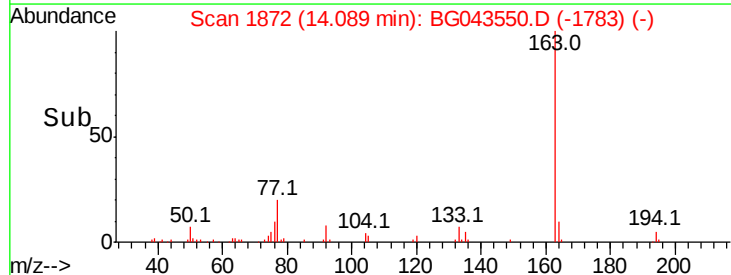
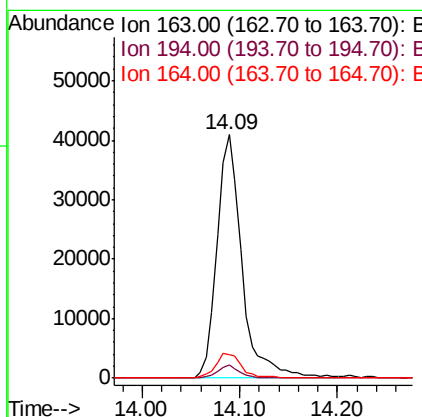
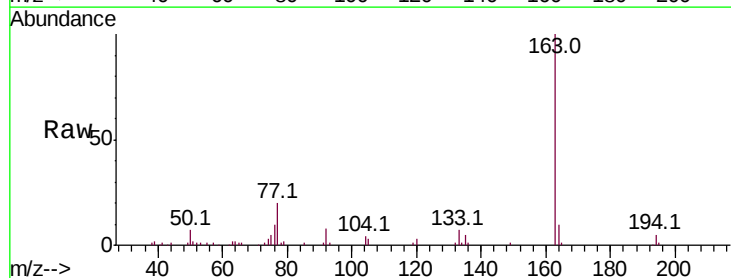
Instrument :
BNA_G
ClientSampled :
10-B

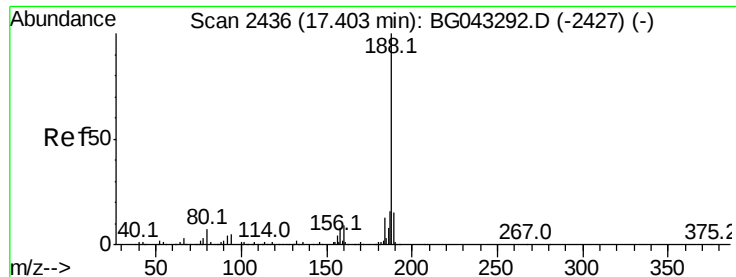
Tot Ion:172 Resp: 670409
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 22.5 18.5 27.7



#50
Dimethylphthalate
Concen: 11.110 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043550.D
Acq: 7 Nov 2019 22:05

Tgt Ion:163 Resp: 73189
Ion Ratio Lower Upper
163 100
194 5.4 3.8 5.6
164 9.8 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043550.D

Acq: 7 Nov 2019 22:05

Instrument :

BNA_G

ClientSampleId :

10-B

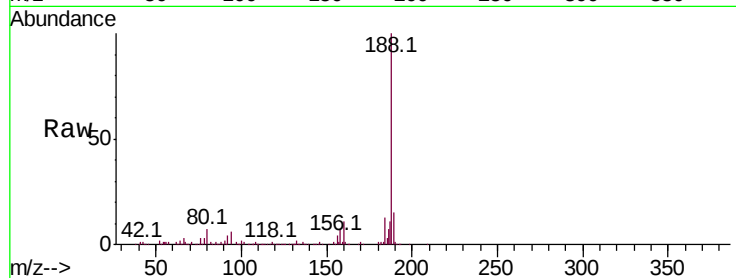
Tot Ion:188 Resp: 200780

Ion Ratio Lower Upper

188 100

94 5.8 4.2 6.4

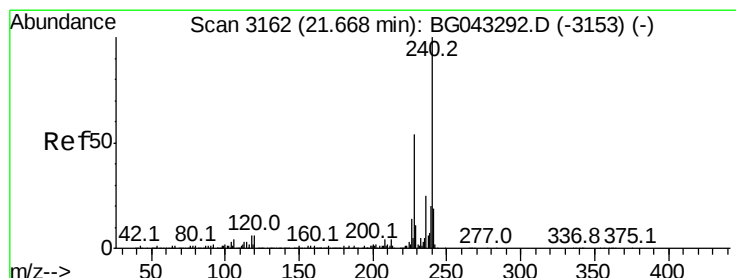
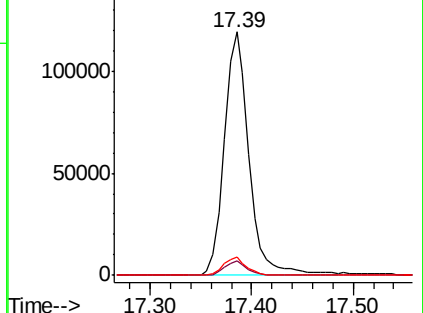
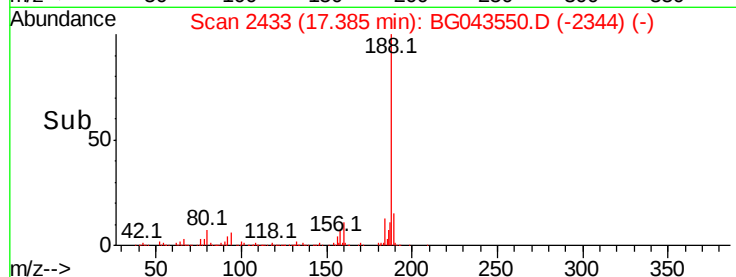
80 7.3 4.5 6.7#



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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043550.D

Acq: 7 Nov 2019 22:05

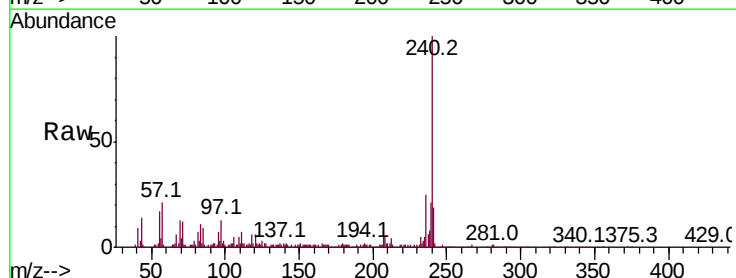
Tgt Ion:240 Resp: 213474

Ion Ratio Lower Upper

240 100

120 5.9 4.6 6.8

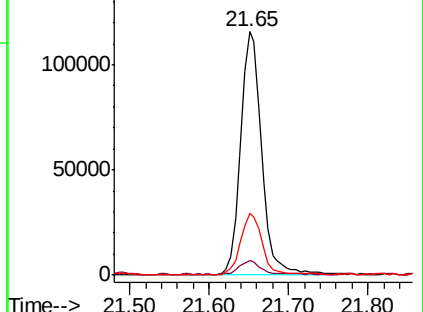
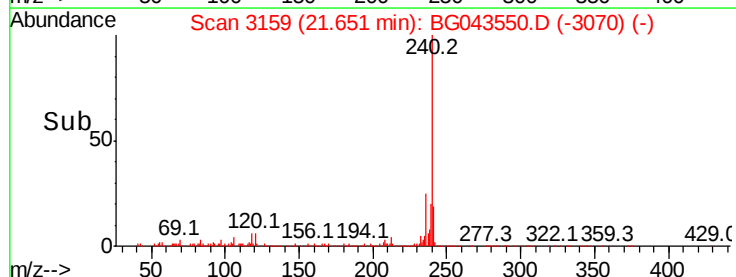
236 25.4 19.8 29.8

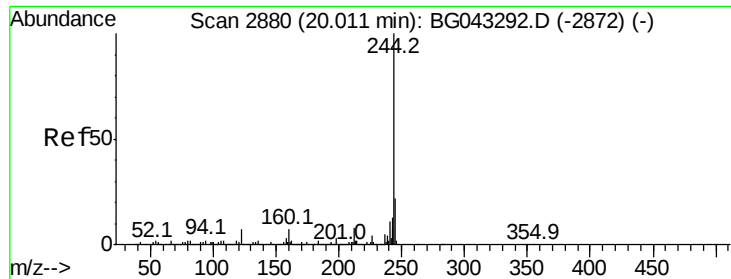


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



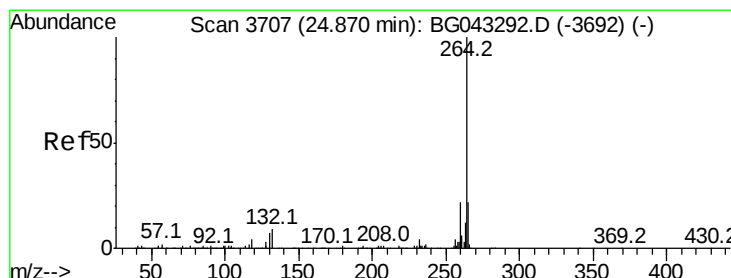
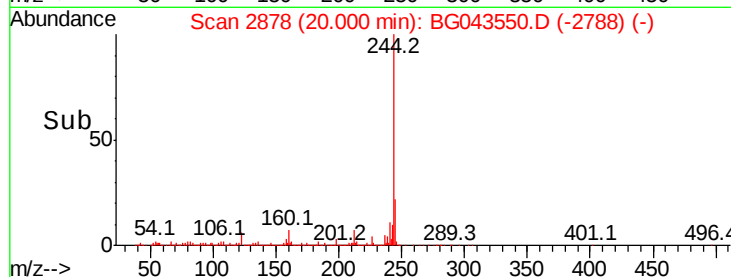
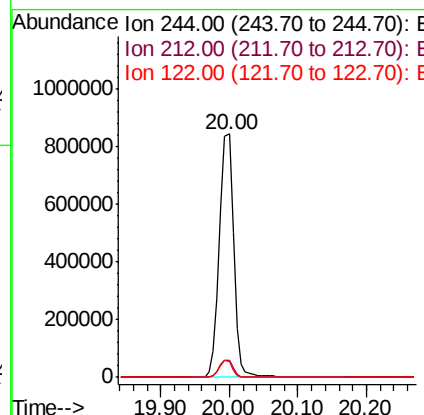
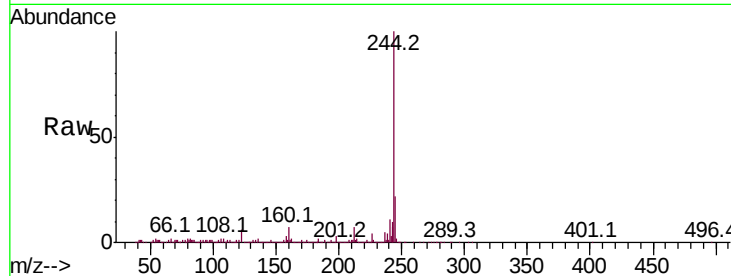


#79
 Terphenyl-d14
 Concen: 107.480 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BG043550.D
 Acq: 7 Nov 2019 22:05

Instrument :
 BNA_G
 ClientSampled :
 10-B

Tot Ion:244 Resp: 1223005

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.4	5.4	8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3703
 Delta R.T. -0.01 min
 Lab File: BG043550.D
 Acq: 7 Nov 2019 22:05

Tgt Ion:264 Resp: 248976

Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.5	26.3
265	22.6	17.4	26.0

