

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043701.D
 Acq On : 19 Nov 2019 16:58
 Operator : JU
 Sample : K5865-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2-(12-14)

Quant Time: Nov 20 02:55:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

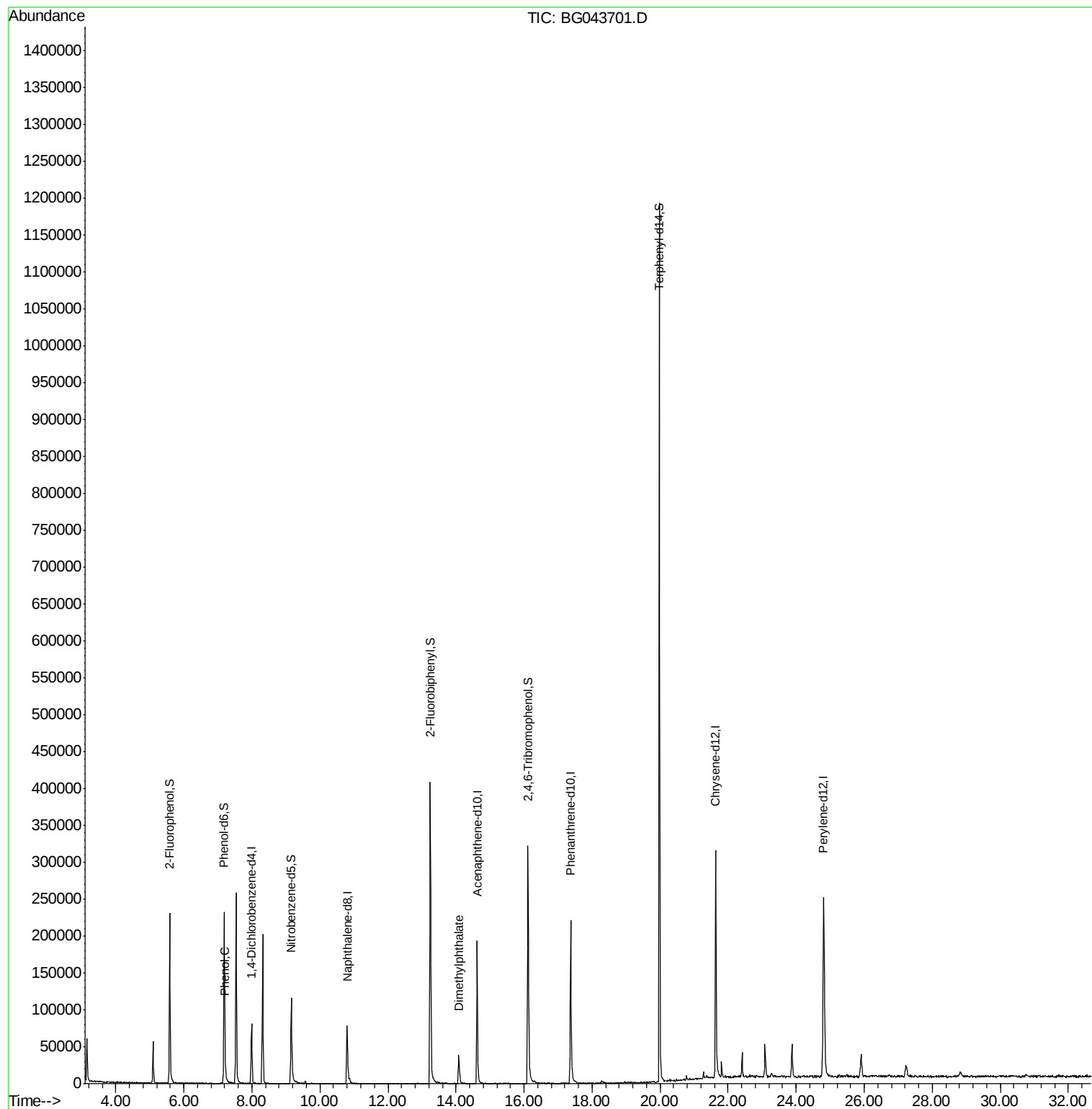
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26007	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	100367	20.00	ng	0.01
39) Acenaphthene-d10	14.62	164	78065	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	200194	20.00	ng	0.00
76) Chrysene-d12	21.63	240	228177	20.00	ng	0.00
87) Perylene-d12	24.81	264	259521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	108291	76.30	ng	0.00
7) Phenol-d6	7.18	99	156083	76.44	ng	0.00
23) Nitrobenzene-d5	9.15	82	93373	47.96	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	93181	62.72	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	267622	47.37	ng	0.00
79) Terphenyl-d14	19.98	244	667066	54.85	ng	0.00
Target Compounds						
10) Phenol	7.21	94	8157	4.372	ng	87
50) Dimethylphthalate	14.08	163	41443	6.854	ng	100

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

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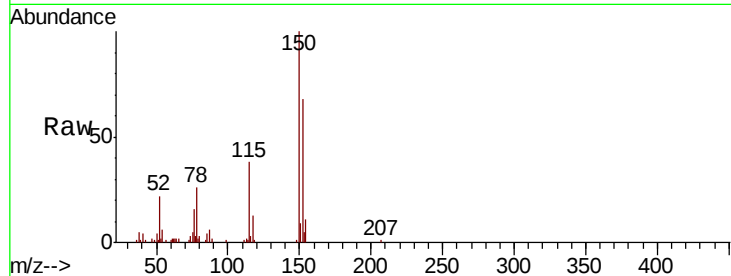


#1

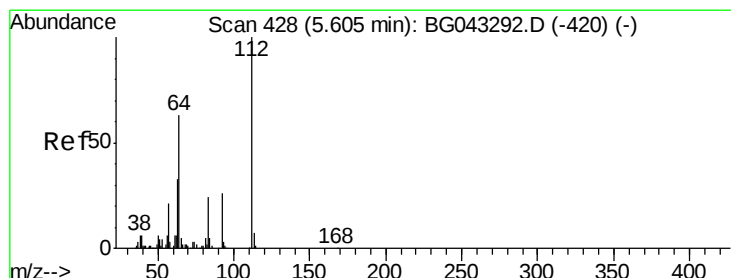
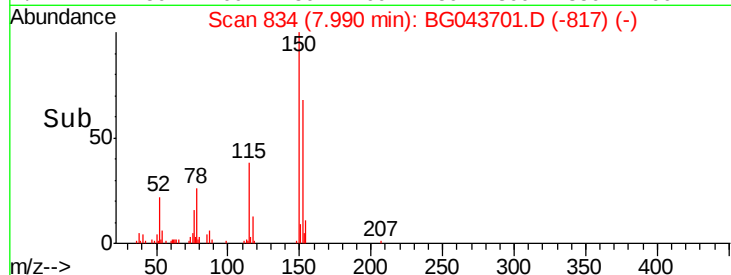
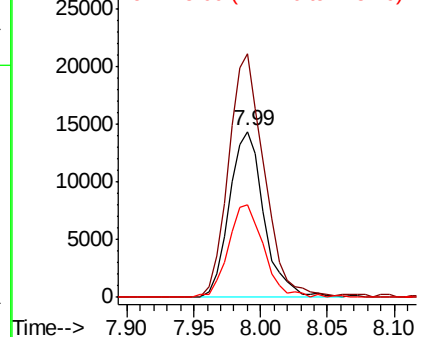
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG043701.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_G
ClientSampled :
2-(12-14)

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	116.6	175.0
115	56.2	40.5	60.7



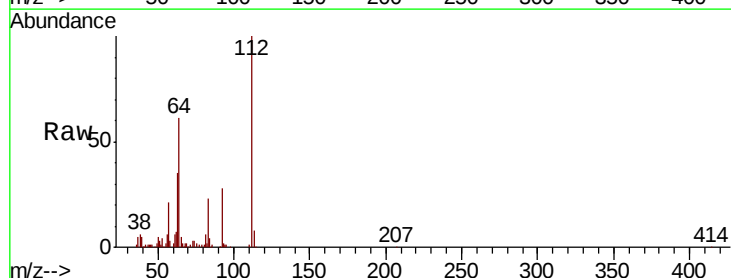
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



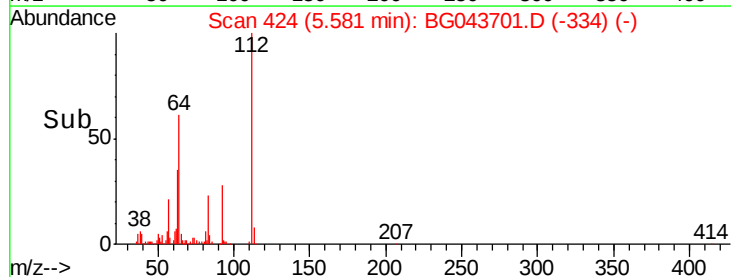
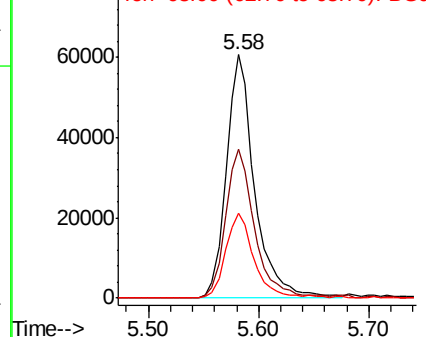
#5

2-Fluorophenol
Concen: 76.302 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG043701.D
Acq: 19 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	50.6	75.8
63	34.8	30.5	45.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 76.438 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

Instrument :

BNA_G

ClientSampleId :

2-(12-14)

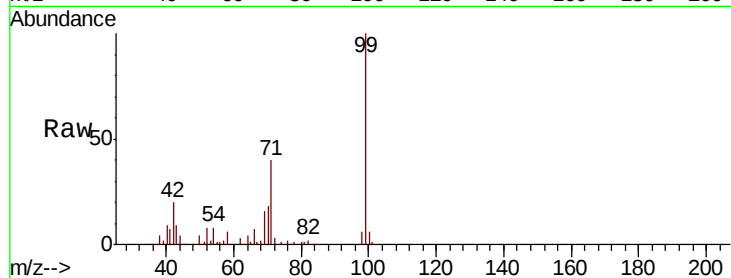
Tot Ion: 99 Resp: 156083

Ion Ratio Lower Upper

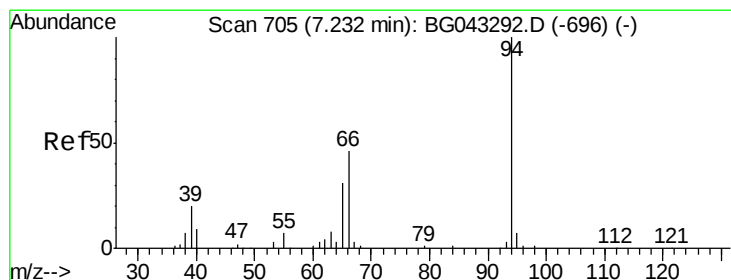
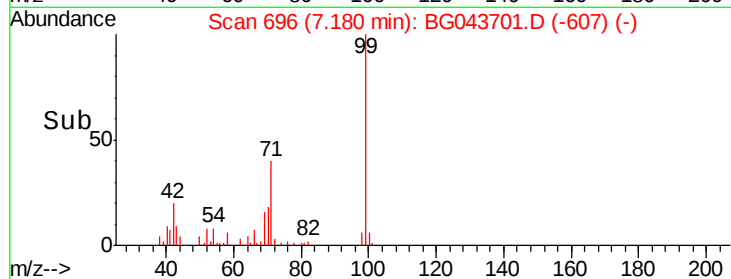
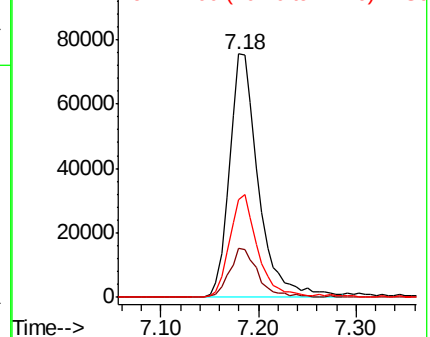
99 100

42 20.2 15.8 23.8

71 40.0 34.4 51.6



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



#10

Phenol

Concen: 4.372 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

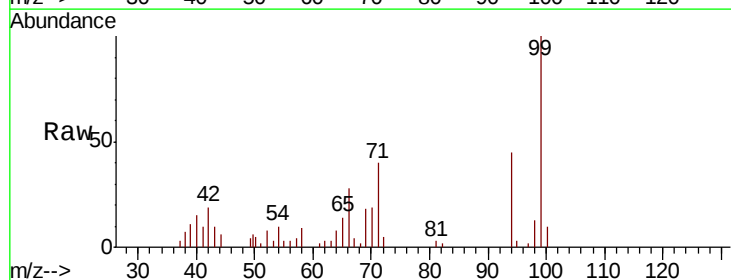
Tgt Ion: 94 Resp: 8157

Ion Ratio Lower Upper

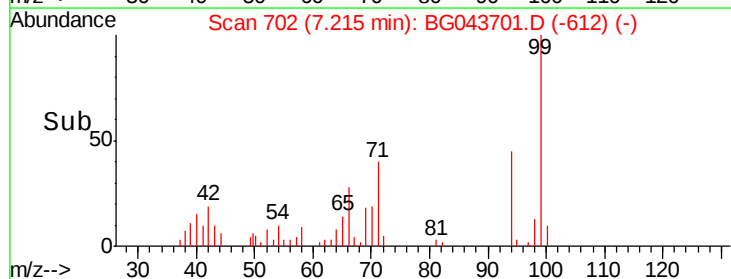
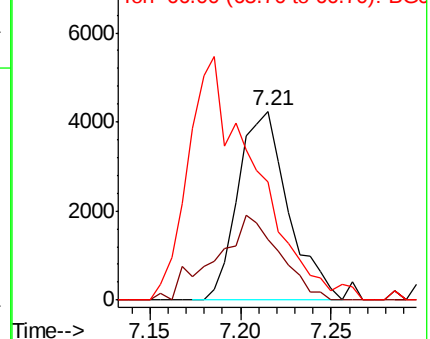
94 100

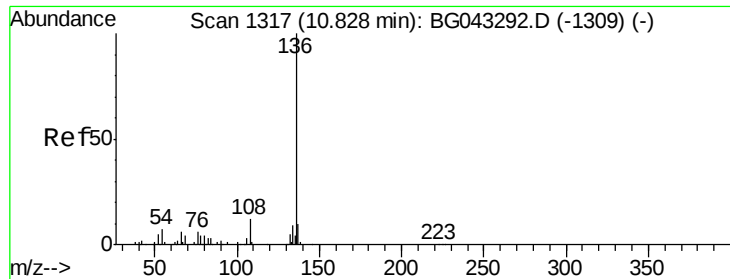
65 32.2 11.4 51.4

66 62.8 28.4 68.4



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

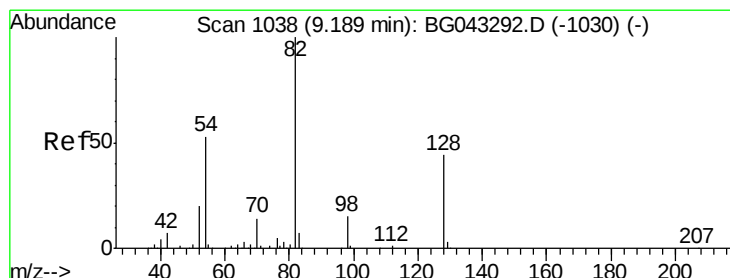
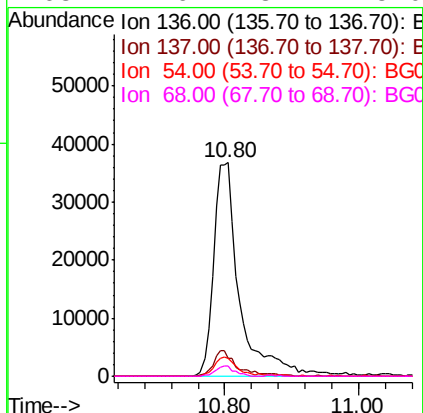
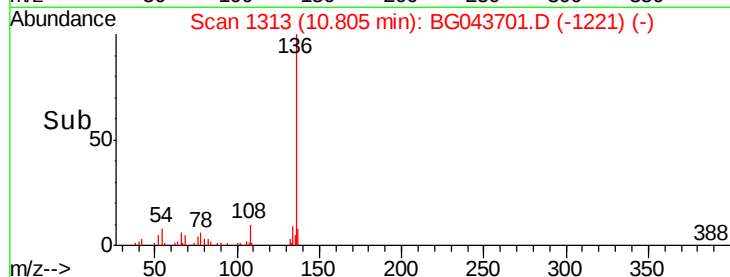
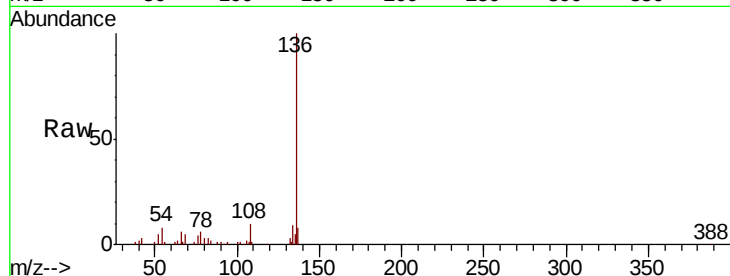




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG043701.D
Acq: 19 Nov 2019 16:58

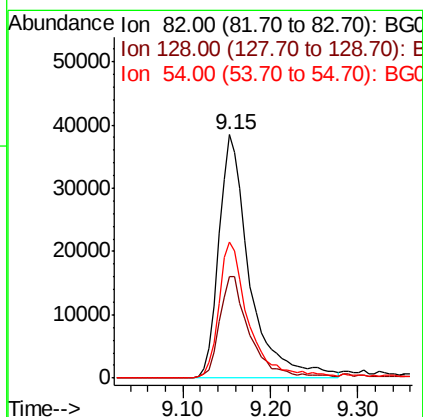
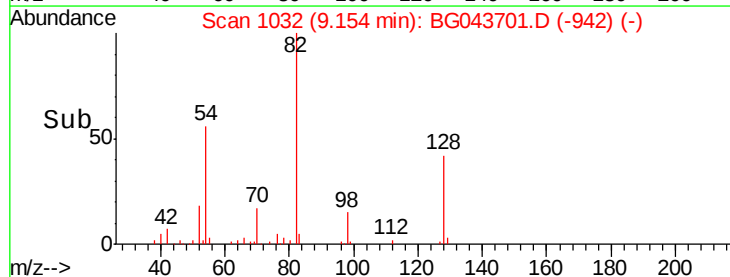
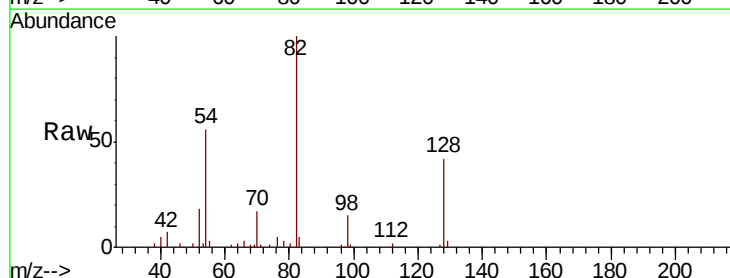
Instrument :
BNA_G
ClientSampleId :
2-(12-14)

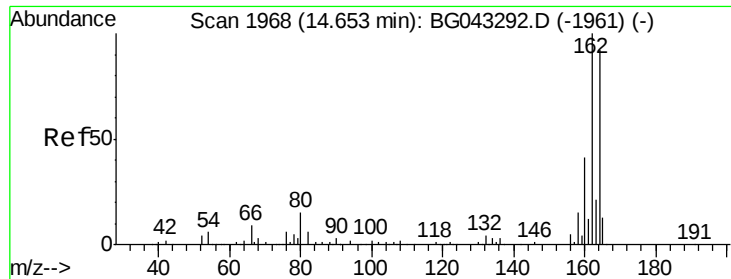
Tot Ion:136	Resp:	100367
Ion Ratio	Lower	Upper
136	100	
137	8.2	8.8 13.2#
54	8.2	6.2 9.2
68	4.6	3.4 5.0



#23
Nitrobenzene-d5
Concen: 47.962 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG043701.D
Acq: 19 Nov 2019 16:58

Tgt Ion: 82	Resp:	93373
Ion Ratio	Lower	Upper
82	100	
128	42.0	34.2 51.4
54	55.7	44.7 67.1

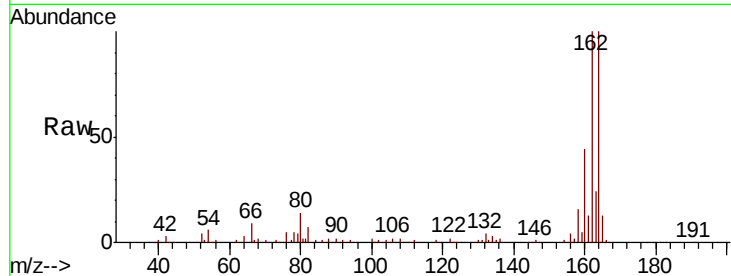




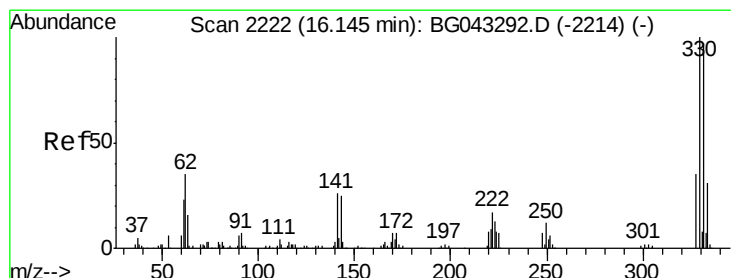
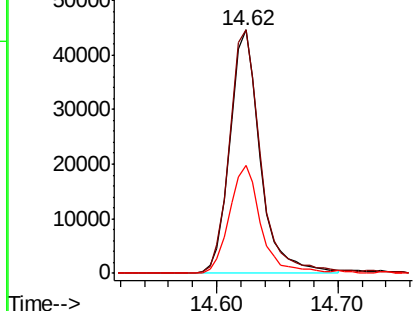
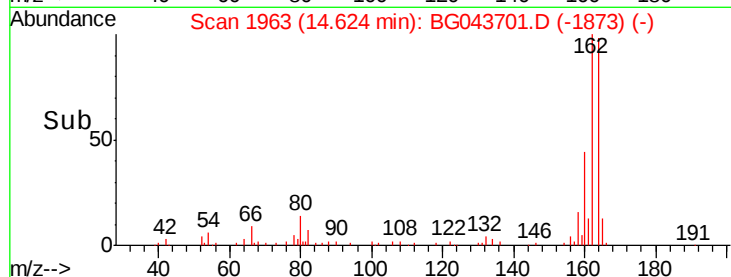
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG043701.D
 Acq: 19 Nov 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 2-(12-14)

Tot Ion:164 Resp: 78065
 Ion Ratio Lower Upper
 164 100
 162 99.9 79.4 119.2
 160 44.3 36.3 54.5

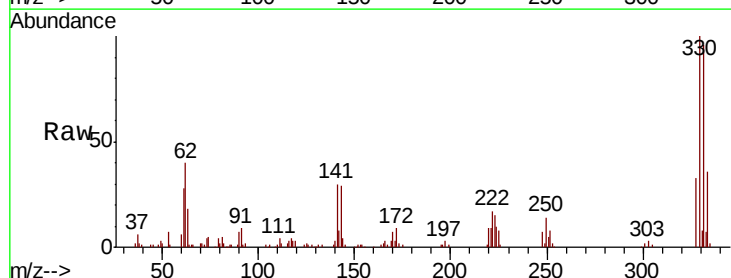


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

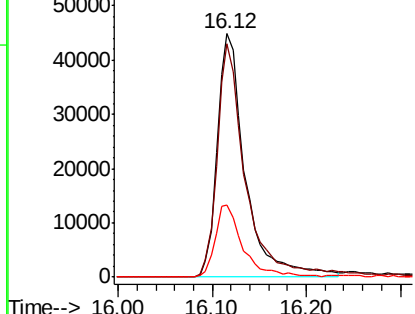
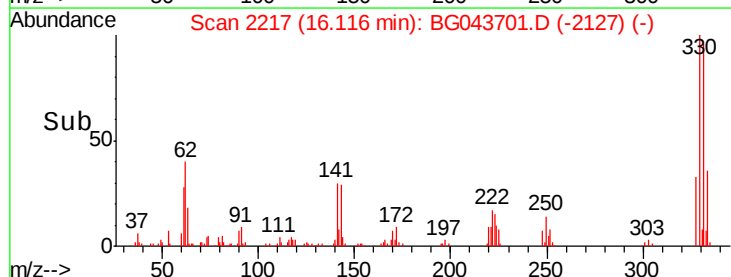


#42
 2,4,6-Tribromophenol
 Concen: 62.724 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG043701.D
 Acq: 19 Nov 2019 16:58

Tgt Ion:330 Resp: 93181
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 29.3 23.4 35.2



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

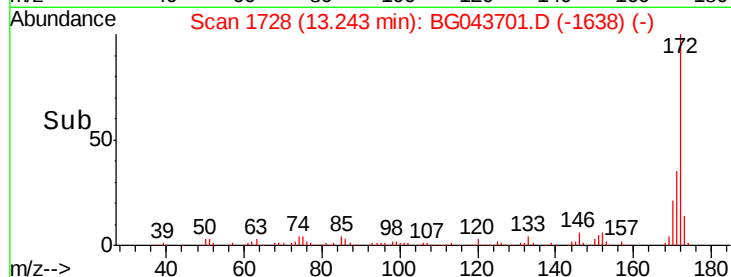
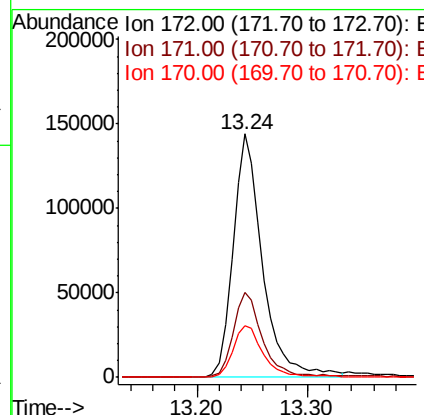
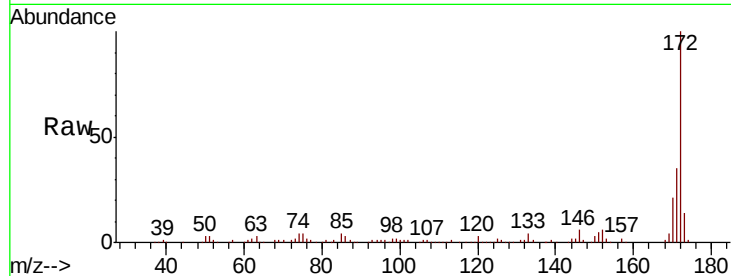




#45
2-Fluorobiphenyl
Concen: 47.371 ng
RT: 13.24 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BG043701.D
Acq: 19 Nov 2019 16:58

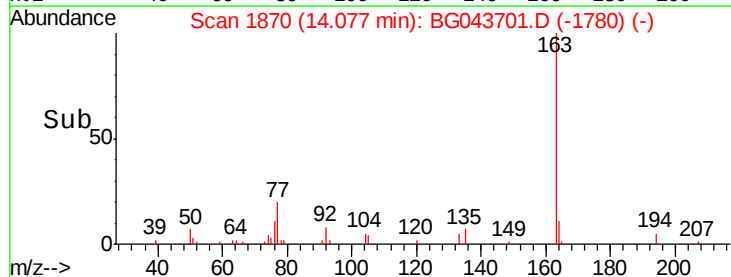
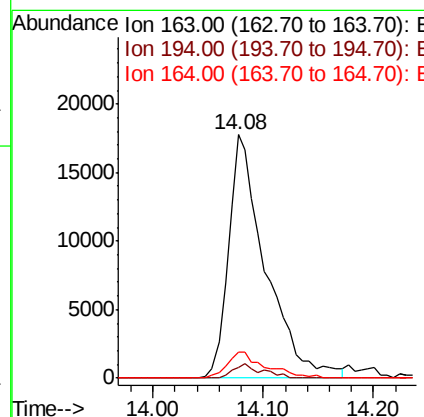
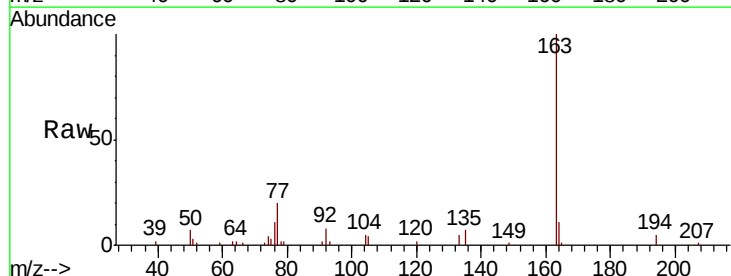
Instrument :
BNA_G
ClientSampleId :
2-(12-14)

Tot Ion:172 Resp: 267622
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 21.0 18.8 28.2



#50
Dimethylphthalate
Concen: 6.854 ng
RT: 14.08 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BG043701.D
Acq: 19 Nov 2019 16:58

Tgt Ion:163 Resp: 41443
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.8
164 10.5 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

Instrument :

BNA_G

ClientSampleId :

2-(12-14)

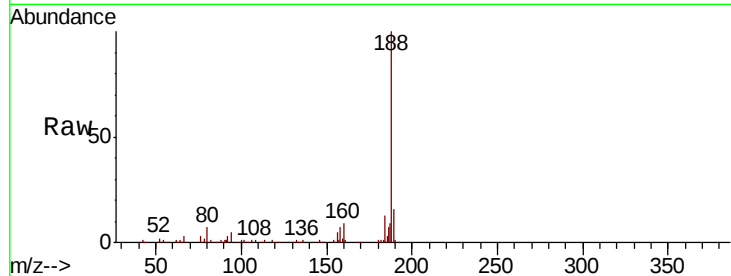
Tot Ion:188 Resp: 200194

Ion Ratio Lower Upper

188 100

94 5.0 4.6 7.0

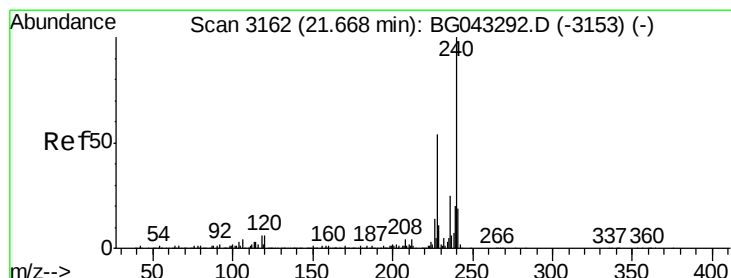
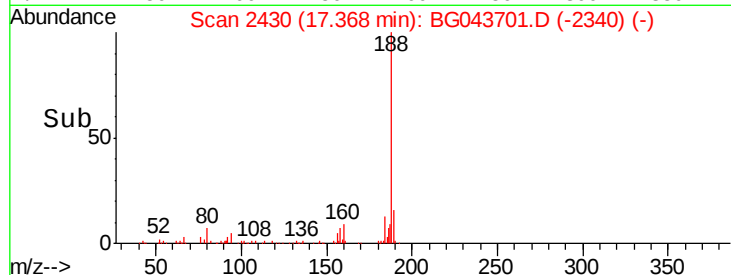
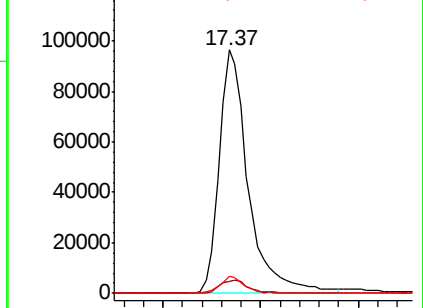
80 6.9 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

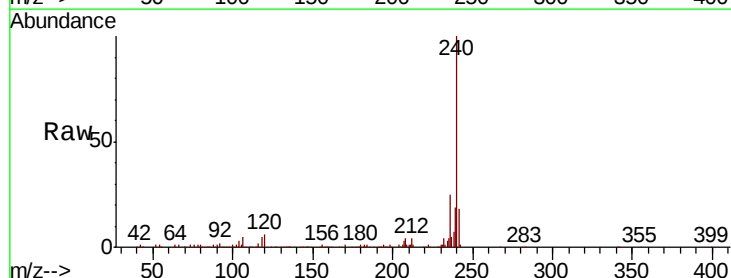
Tgt Ion:240 Resp: 228177

Ion Ratio Lower Upper

240 100

120 6.0 4.9 7.3

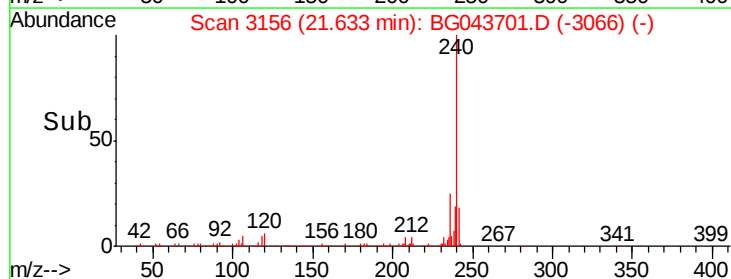
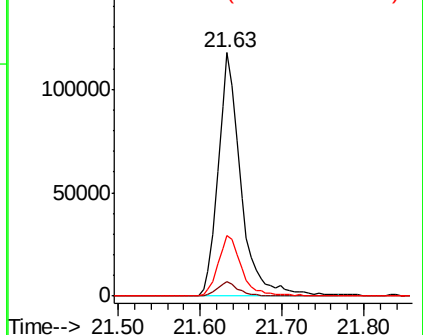
236 25.1 21.4 32.0

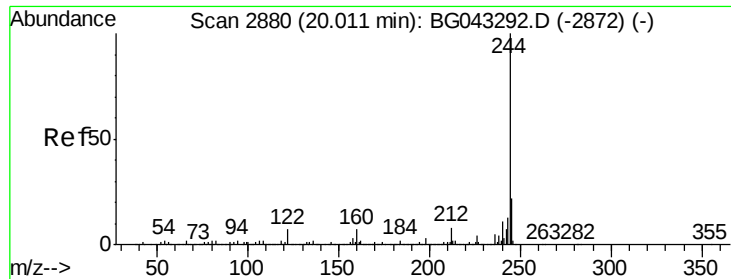


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 54.846 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

Instrument :

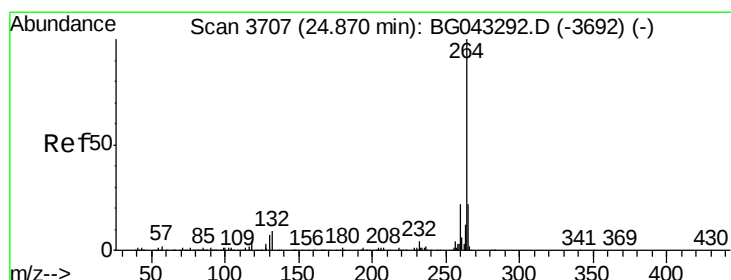
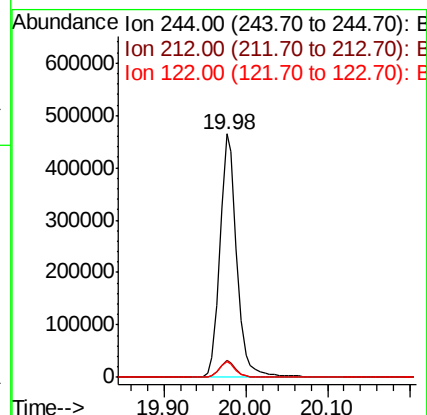
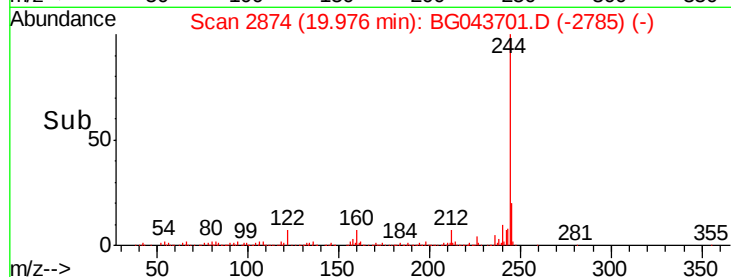
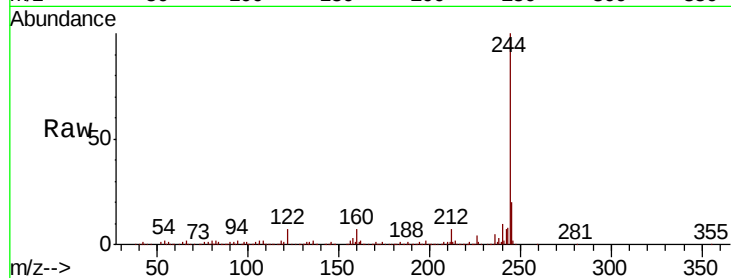
BNA_G

ClientSampleId :

2-(12-14)

Tot Ion:244 Resp: 667066

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	6.7	5.2	7.8



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3696

Delta R.T. -0.01 min

Lab File: BG043701.D

Acq: 19 Nov 2019 16:58

Tgt Ion:264 Resp: 259521

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.9	15.8	23.8

