

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043431.D
 Acq On : 31 Oct 2019 12:08
 Operator : JU
 Sample : K5575-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-1

Quant Time: Oct 31 13:16:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

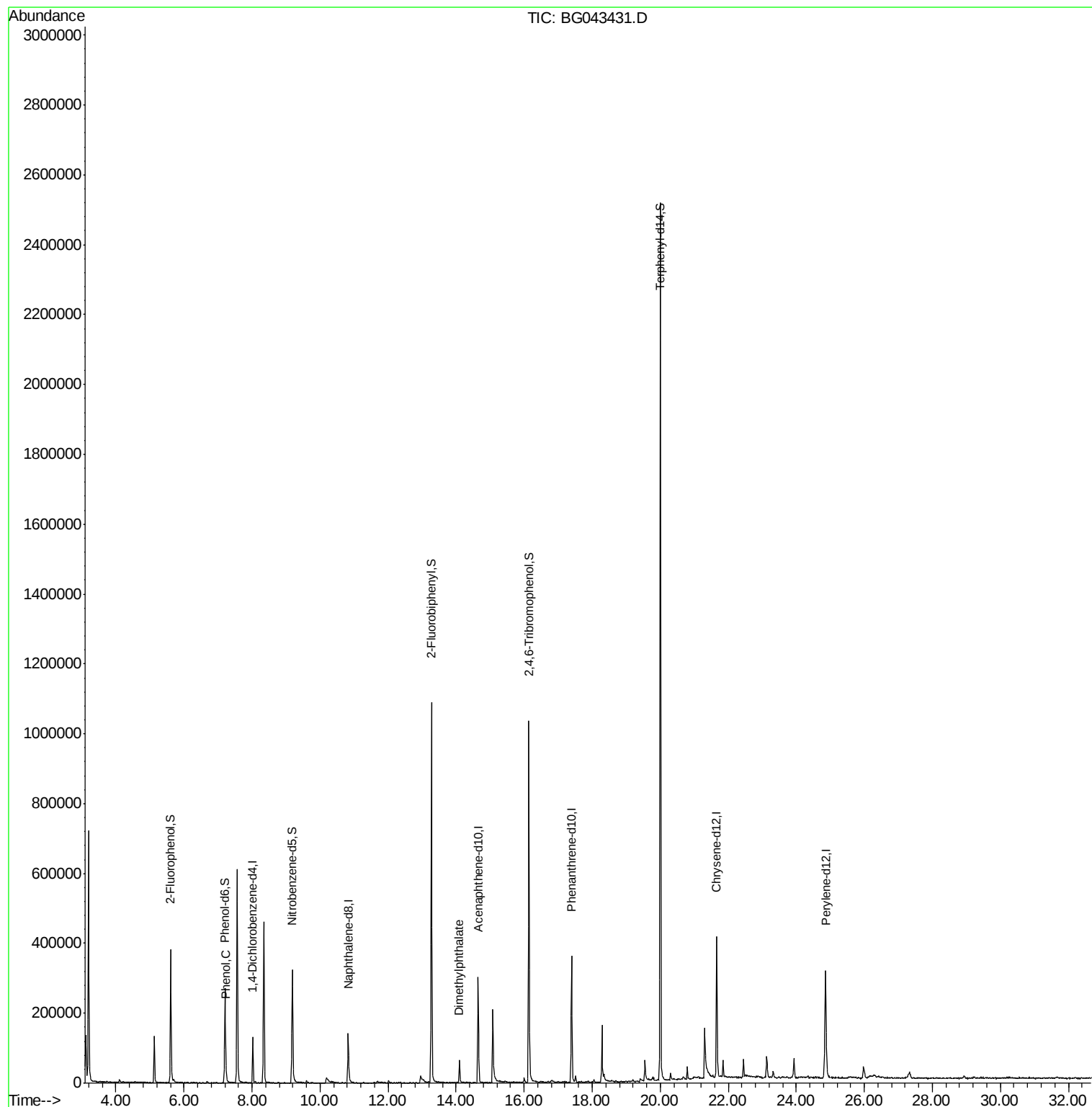
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38475	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	150873	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	112022	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	257263	20.00	ng	0.00
76) Chrysene-d12	21.66	240	278839	20.00	ng	0.00
87) Perylene-d12	24.86	264	324800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	184617	87.93	ng	0.00
7) Phenol-d6	7.21	99	180271	59.67	ng	0.00
23) Nitrobenzene-d5	9.19	82	232151	79.33	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	246039	115.41	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	640408	79.00	ng	0.00
79) Terphenyl-d14	20.00	244	1306260	87.89	ng	0.00
Target Compounds						
10) Phenol	7.23	94	9733	3.526	ng	75
50) Dimethylphthalate	14.10	163	47032	5.420	ng	99

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

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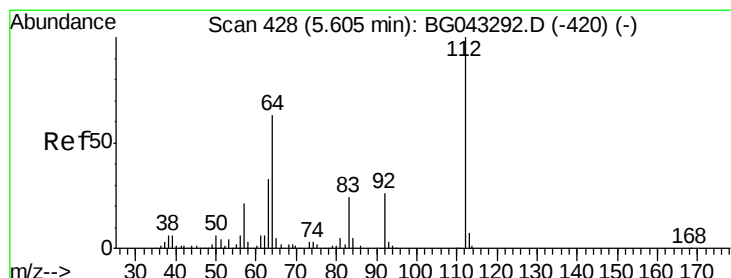
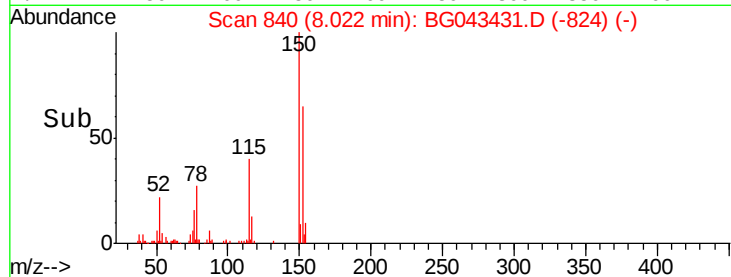
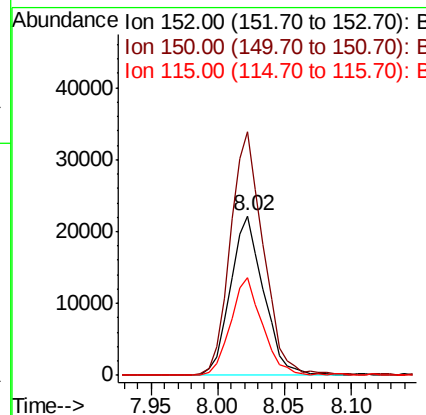
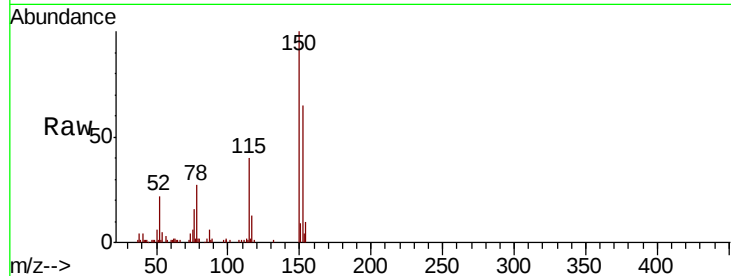


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043431.D
Acq: 31 Oct 2019 12:08

Instrument :
BNA_G
ClientSampleId :
W-1

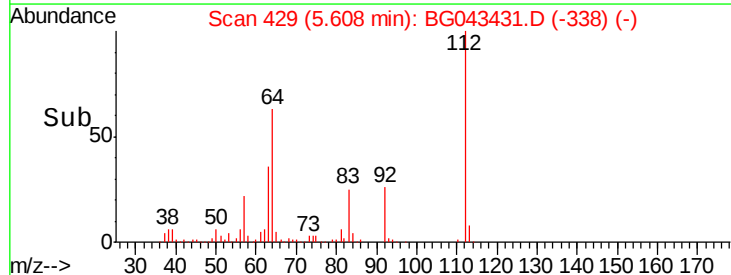
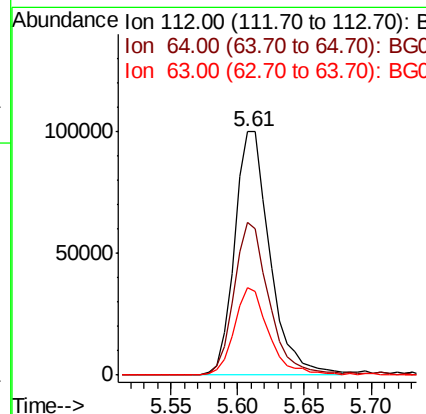
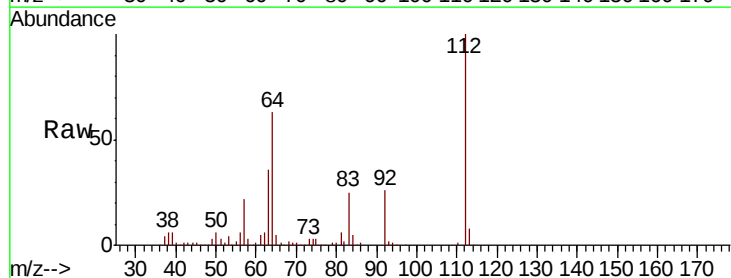
Tot Ion	152	Resp	38475
Ion Ratio	Lower	Upper	
152	100		
150	152.9	113.6	170.4
115	61.5	45.9	68.9



#5

2-Fluorophenol
Concen: 87.927 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043431.D
Acq: 31 Oct 2019 12:08

Tgt Ion	112	Resp	184617
Ion Ratio	Lower	Upper	
112	100		
64	62.9	50.2	75.2
63	35.9	26.7	40.1





#7

Phenol-d6

Concen: 59.675 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043431.D

Acq: 31 Oct 2019 12:08

Instrument :

BNA_G

ClientSampleId :

W-1

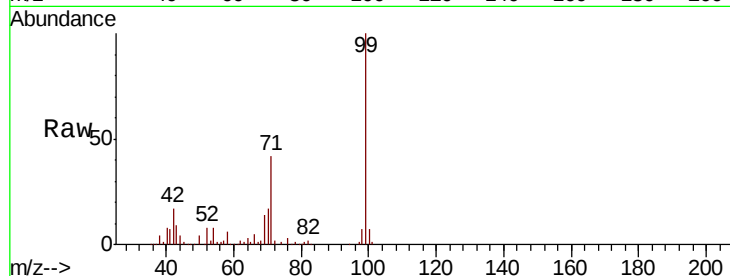
Tot Ion: 99 Resp: 180271

Ion Ratio Lower Upper

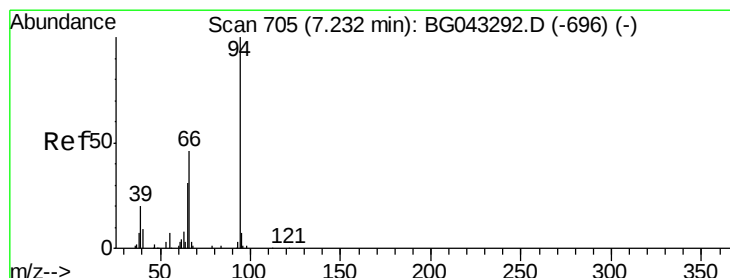
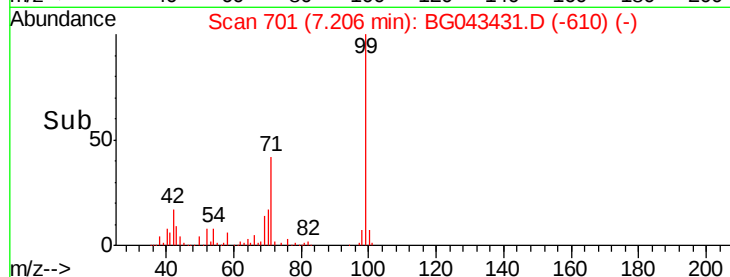
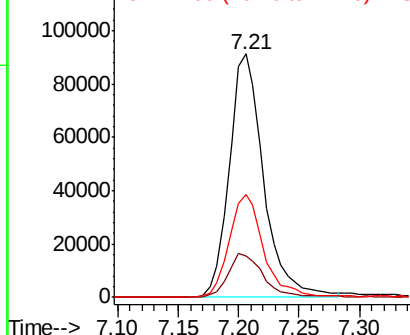
99 100

42 17.0 14.9 22.3

71 42.5 32.2 48.2



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: 3.526 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043431.D

Acq: 31 Oct 2019 12:08

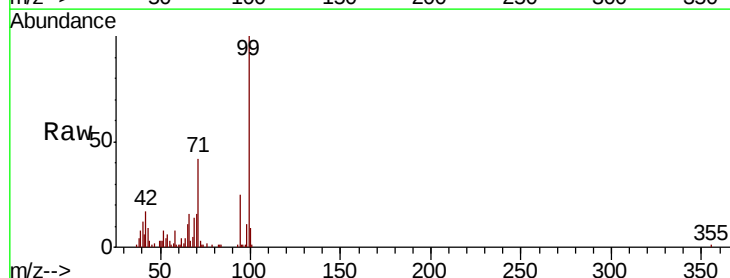
Tgt Ion: 94 Resp: 9733

Ion Ratio Lower Upper

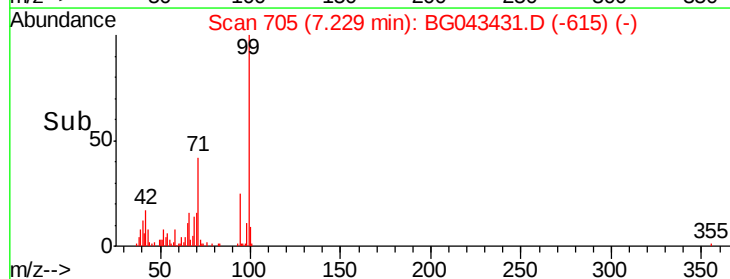
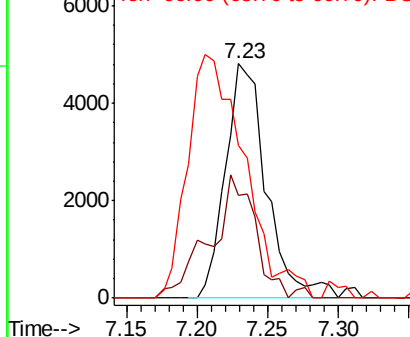
94 100

65 44.0 11.1 51.1

66 65.2 27.8 67.8



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

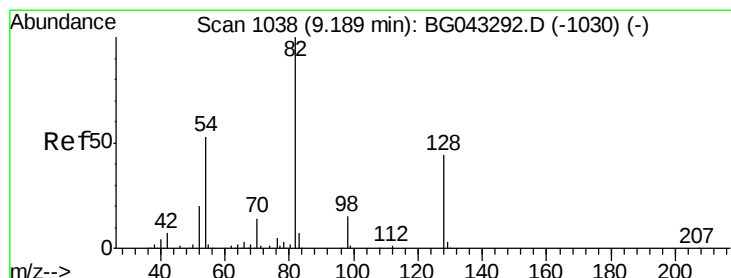
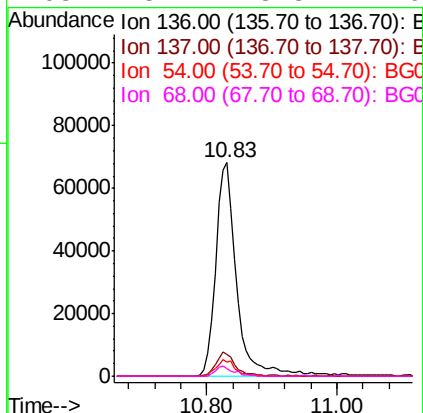
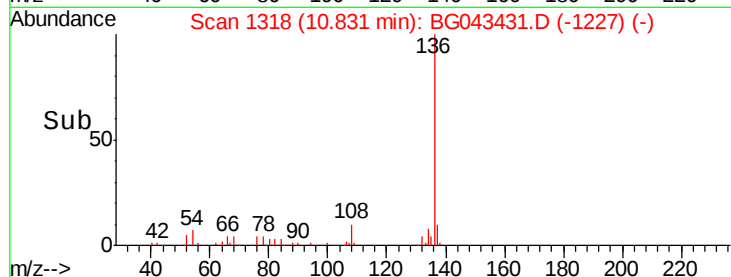
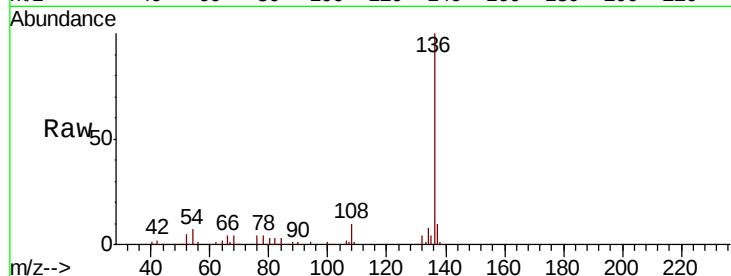




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043431.D
Acq: 31 Oct 2019 12:08

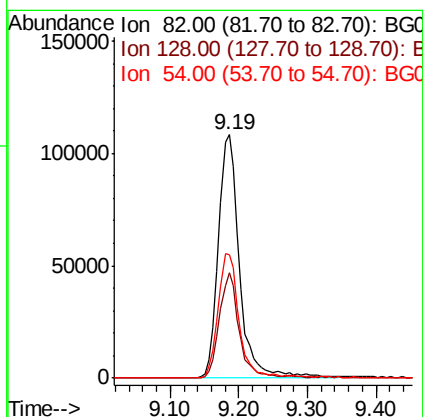
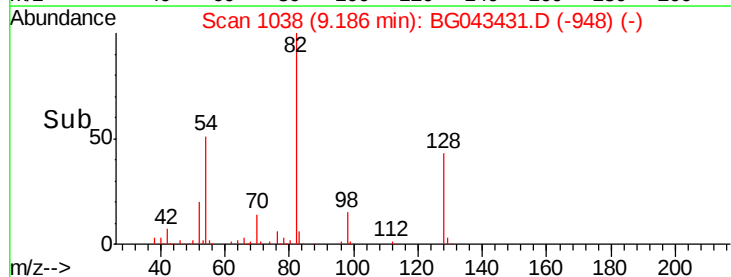
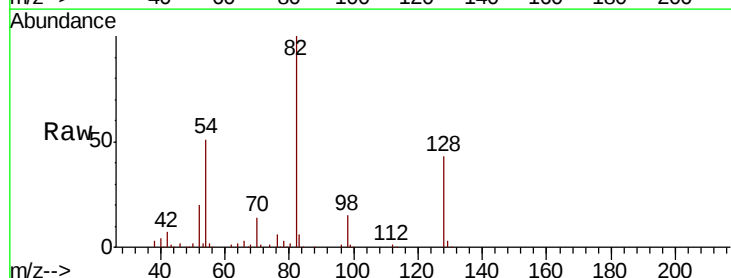
Instrument :
BNA_G
ClientSampleId :
W-1

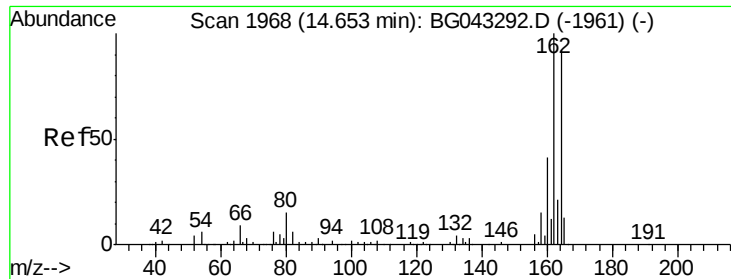
Tot Ion:136	Resp:	150873
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.2	12.2
54 6.7	5.4	8.2
68 3.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 79.328 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043431.D
Acq: 31 Oct 2019 12:08

Tgt Ion: 82	Resp: 232151
Ion Ratio	Lower Upper
82 100	
128 43.1	35.3 52.9
54 50.7	42.3 63.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043431.D

Acq: 31 Oct 2019 12:08

Instrument :

BNA_G

ClientSampleId :

W-1

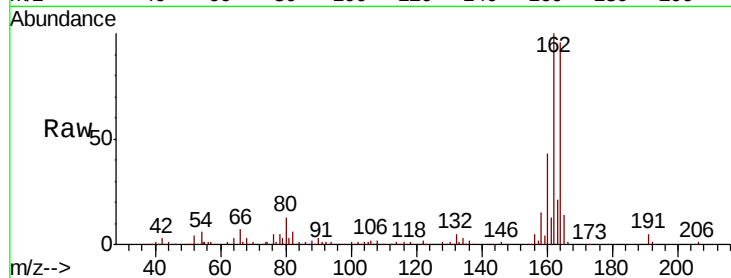
Tot Ion:164 Resp: 112022

Ion Ratio Lower Upper

164 100

162 104.5 87.0 130.4

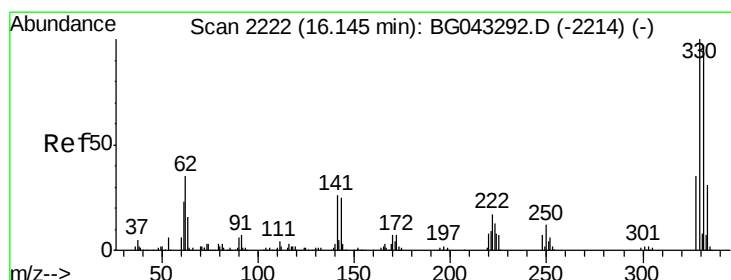
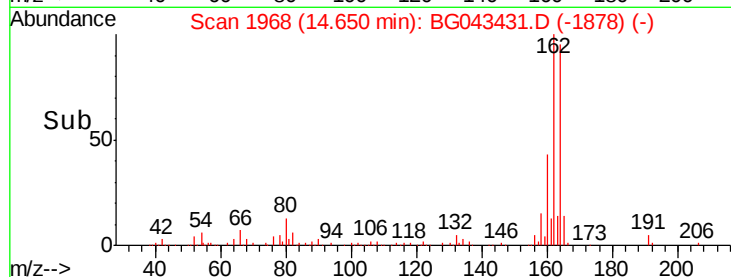
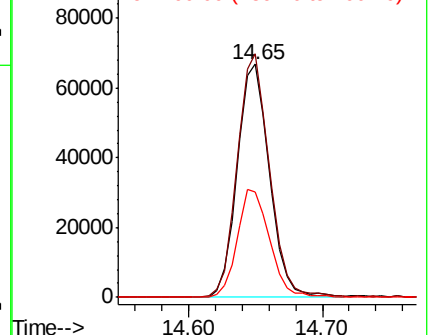
160 45.4 35.5 53.3



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: 115.415 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043431.D

Acq: 31 Oct 2019 12:08

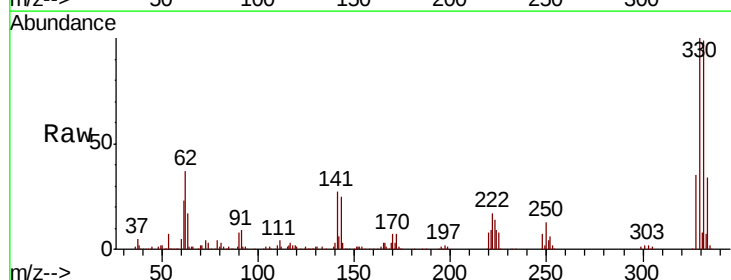
Tgt Ion:330 Resp: 246039

Ion Ratio Lower Upper

330 100

332 98.1 76.4 114.6

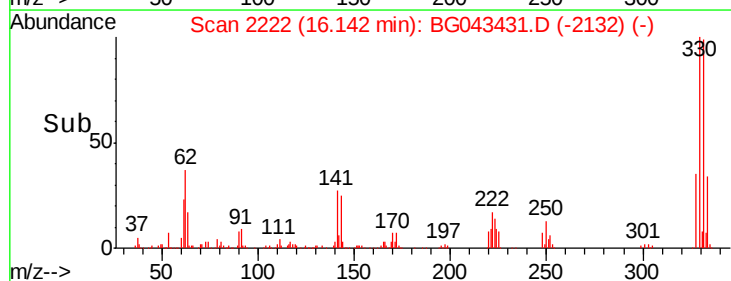
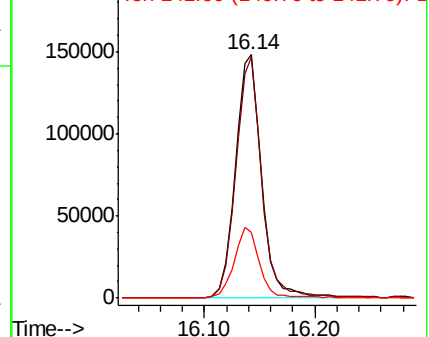
141 28.7 21.4 32.0

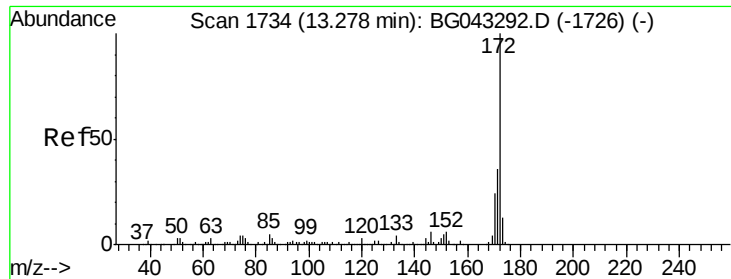


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

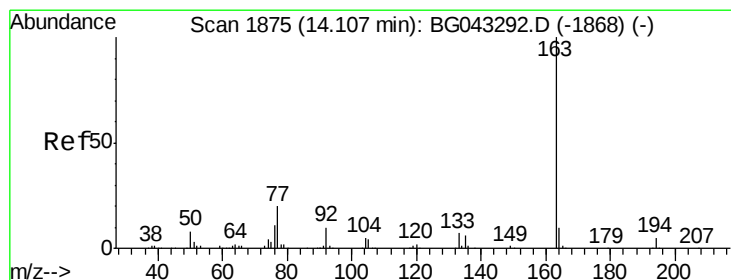
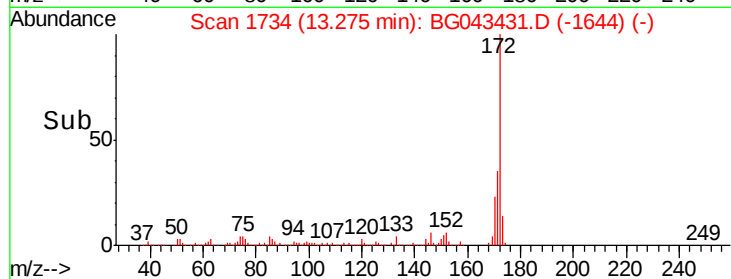
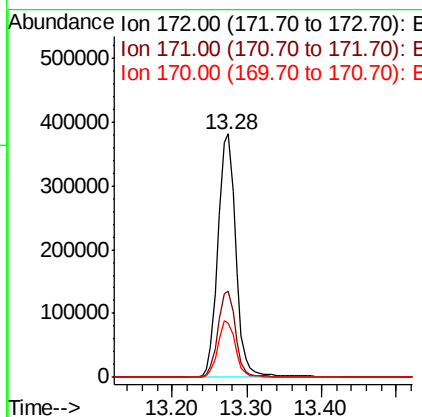
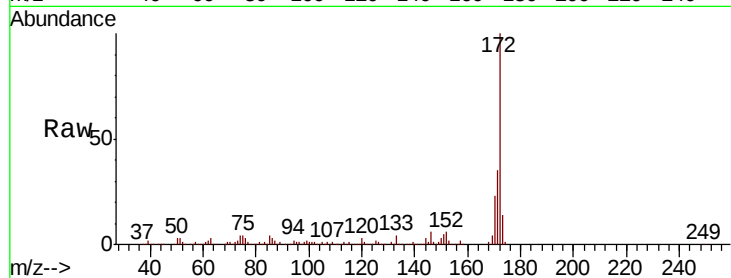




#45
2-Fluorobiphenyl
Concen: 78.995 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043431.D
Acq: 31 Oct 2019 12:08

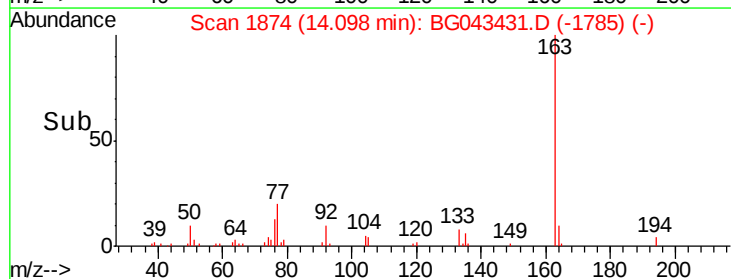
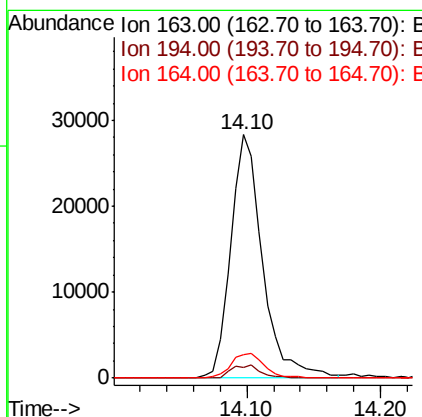
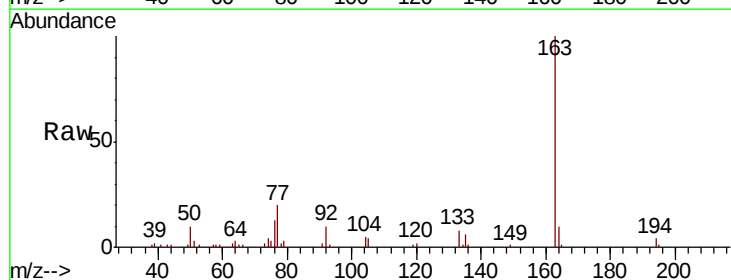
Instrument :
BNA_G
ClientSampleId :
W-1

Tot Ion:172 Resp: 640408
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.5 18.8 28.2



#50
Dimethylphthalate
Concen: 5.420 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043431.D
Acq: 31 Oct 2019 12:08

Tgt Ion:163 Resp: 47032
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 9.8 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043431.D

Acq: 31 Oct 2019 12:08

Instrument :

BNA_G

ClientSampleId :

W-1

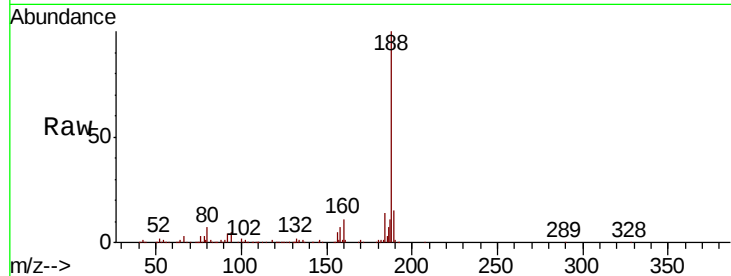
Tot Ion:188 Resp: 257263

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.2

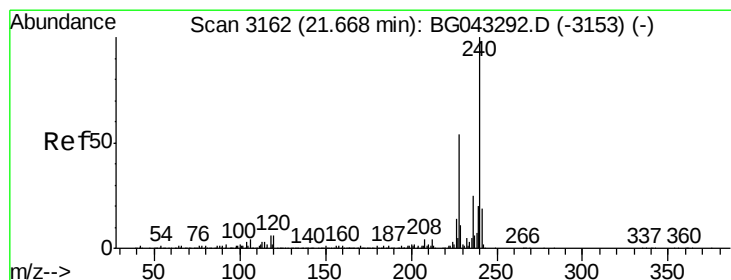
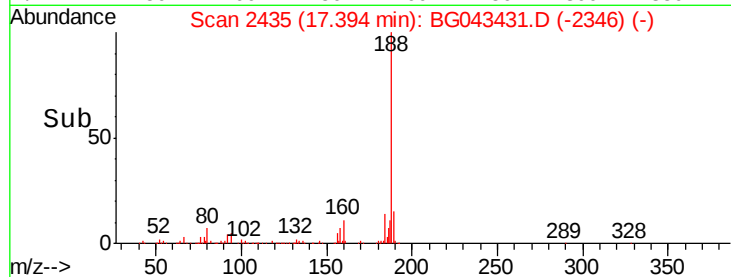
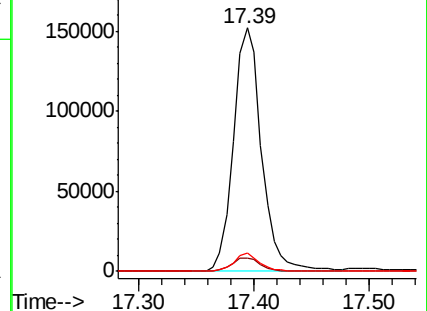
80 7.4 5.2 7.8



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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043431.D

Acq: 31 Oct 2019 12:08

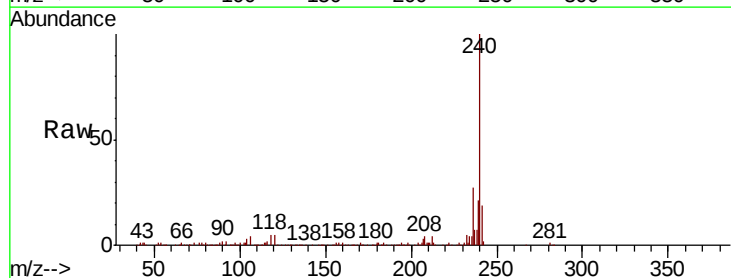
Tgt Ion:240 Resp: 278839

Ion Ratio Lower Upper

240 100

120 5.4 4.6 7.0

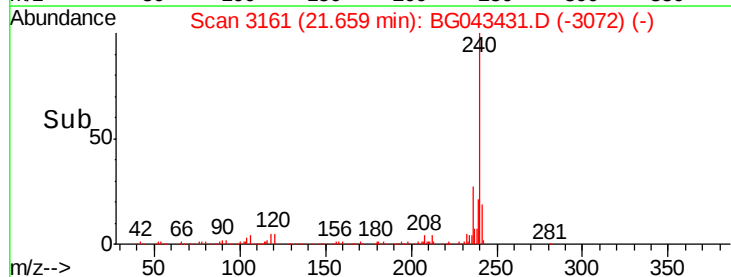
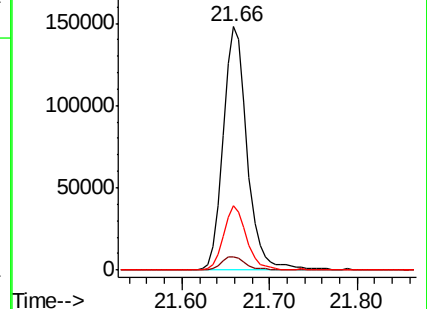
236 26.7 20.2 30.4

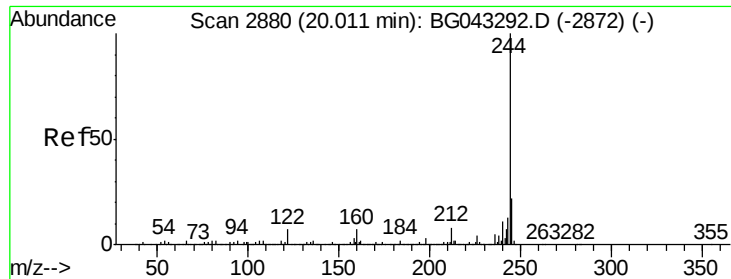


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.886 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043431.D

Acq: 31 Oct 2019 12:08

Instrument :

BNA_G

ClientSampleId :

W-1

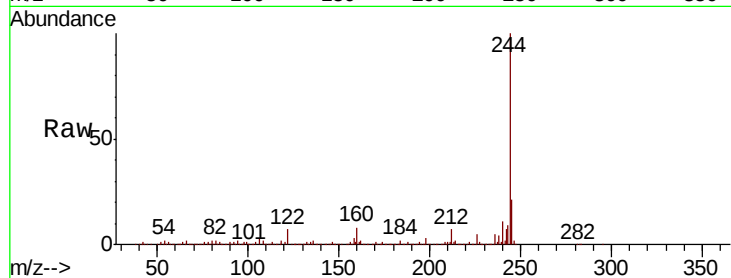
Tot Ion:244 Resp: 1306260

Ion Ratio Lower Upper

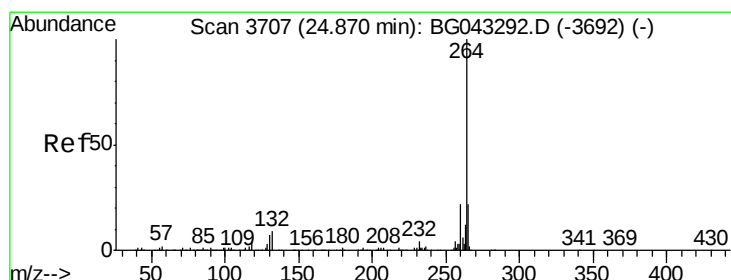
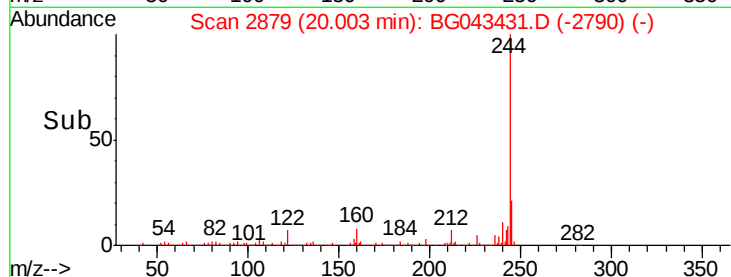
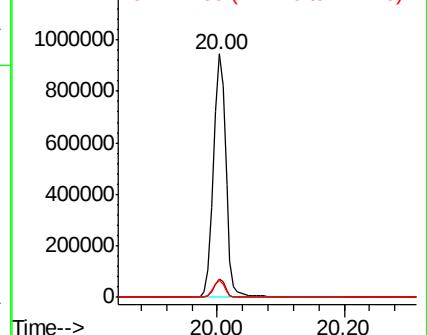
244 100

212 7.4 6.4 9.6

122 7.0 5.3 7.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043431.D

Acq: 31 Oct 2019 12:08

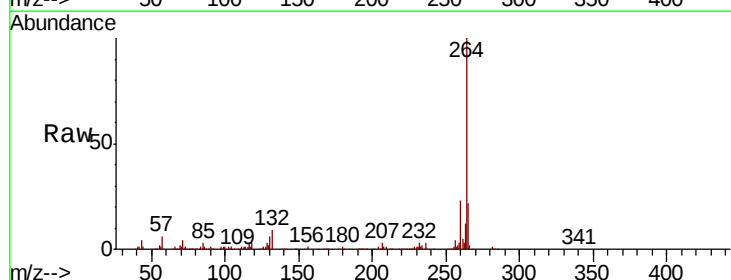
Tgt Ion:264 Resp: 324800

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 22.0 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

