

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043446.D
 Acq On : 31 Oct 2019 22:55
 Operator : JU
 Sample : K5599-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z3-23B

Quant Time: Nov 01 05:26:34 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

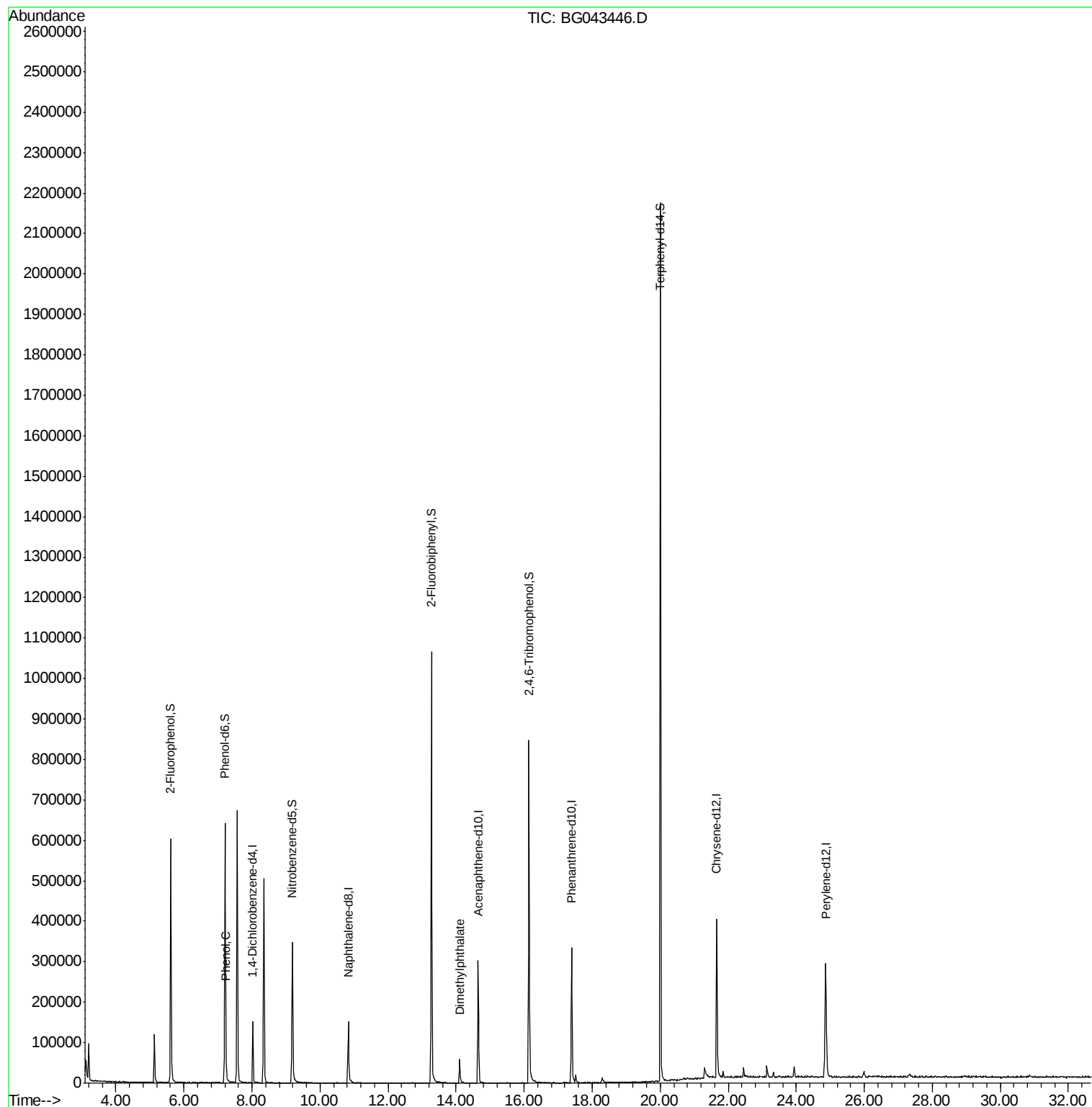
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	44575	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	165893	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	113908	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	261587	20.00	ng	0.00
76) Chrysene-d12	21.66	240	278262	20.00	ng	0.00
87) Perylene-d12	24.86	264	334151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	287994	118.39	ng	0.00
7) Phenol-d6	7.21	99	404988	115.72	ng	0.00
23) Nitrobenzene-d5	9.19	82	236576	73.52	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	224799	103.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	629096	76.31	ng	0.00
79) Terphenyl-d14	20.00	244	1166509	78.65	ng	0.00
Target Compounds						
10) Phenol	7.24	94	10032	3.137	ng	Qvalue 86
50) Dimethylphthalate	14.10	163	52934	6.000	ng	# 97

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

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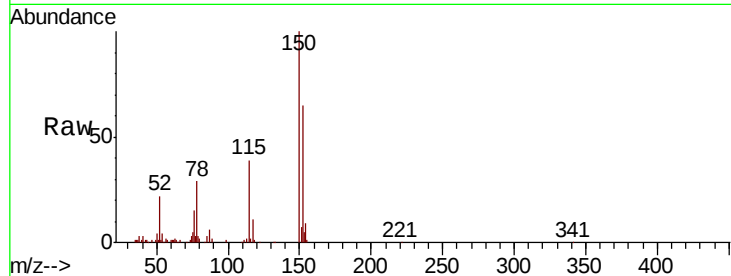


#1

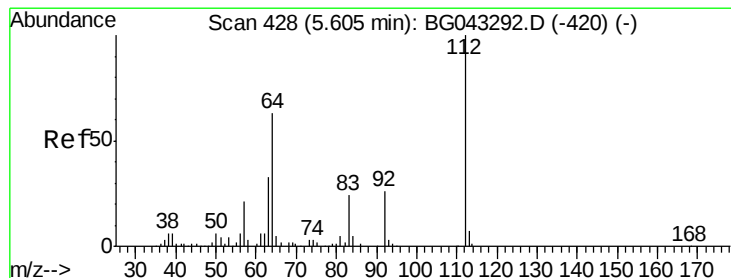
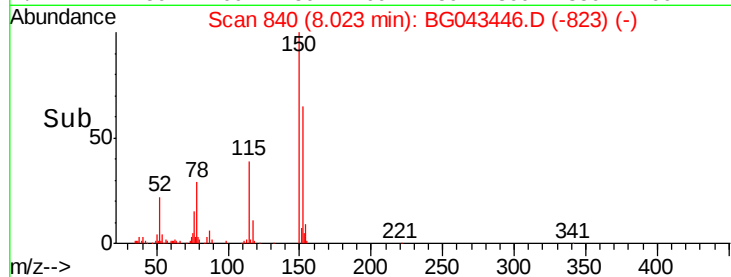
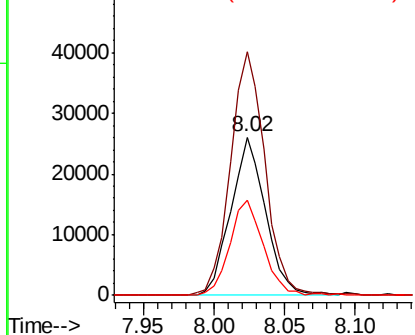
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043446.D
Acq: 31 Oct 2019 22:55

Instrument :
BNA_G
ClientSampled :
Z3-23B

Tot Ion:152 Resp: 44575
Ion Ratio Lower Upper
152 100
150 154.2 113.6 170.4
115 60.1 45.9 68.9



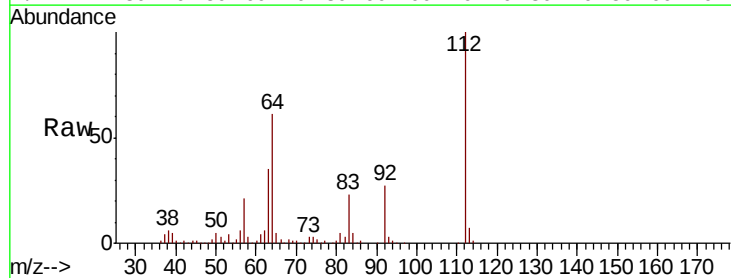
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



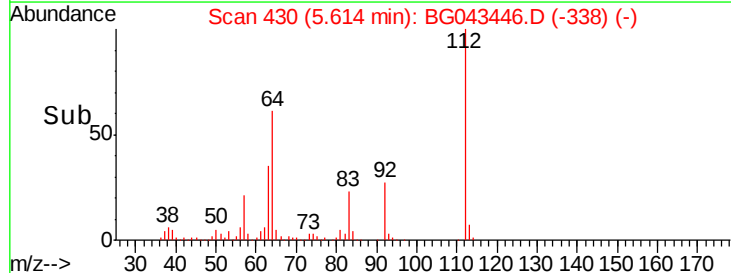
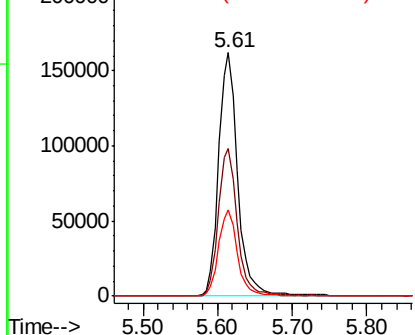
#5

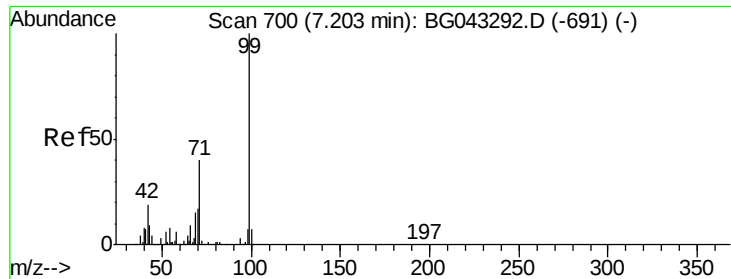
2-Fluorophenol
Concen: 118.392 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043446.D
Acq: 31 Oct 2019 22:55

Tgt Ion:112 Resp: 287994
Ion Ratio Lower Upper
112 100
64 60.8 50.2 75.2
63 35.3 26.7 40.1



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: 115.716 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043446.D

Acq: 31 Oct 2019 22:55

Instrument :

BNA_G

ClientSampled :

Z3-23B

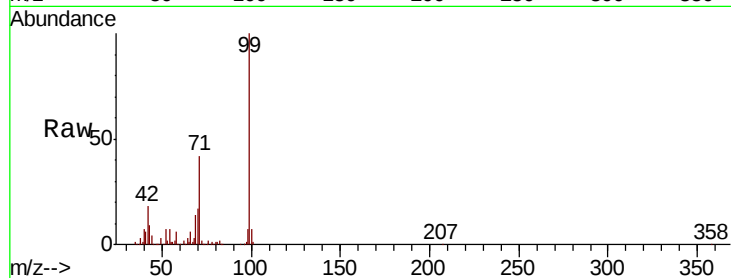
Tot Ion: 99 Resp: 404988

Ion Ratio Lower Upper

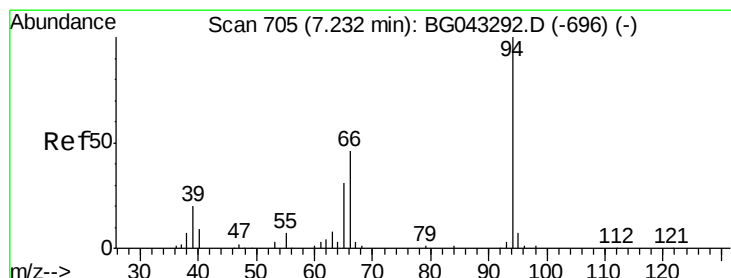
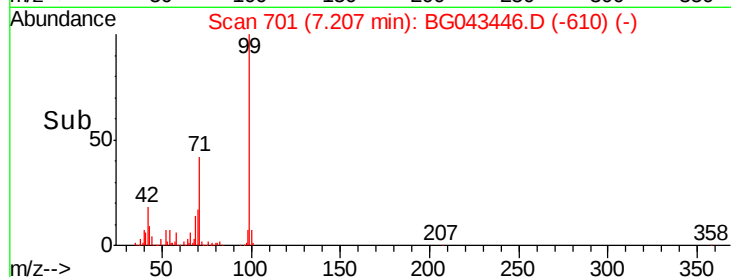
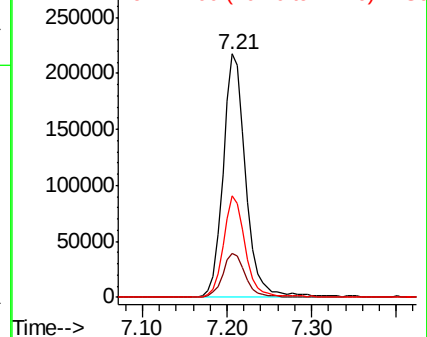
99 100

42 18.1 14.9 22.3

71 41.8 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: 3.137 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043446.D

Acq: 31 Oct 2019 22:55

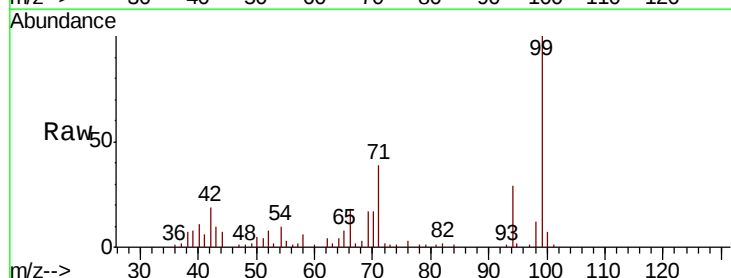
Tgt Ion: 94 Resp: 10032

Ion Ratio Lower Upper

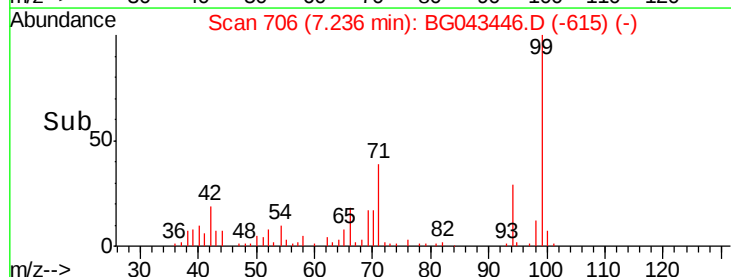
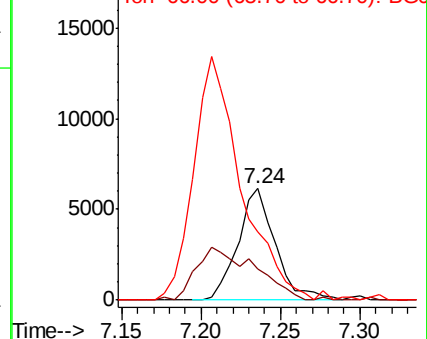
94 100

65 28.2 11.1 51.1

66 61.2 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

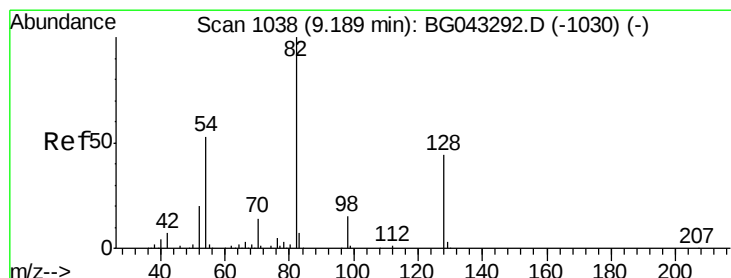
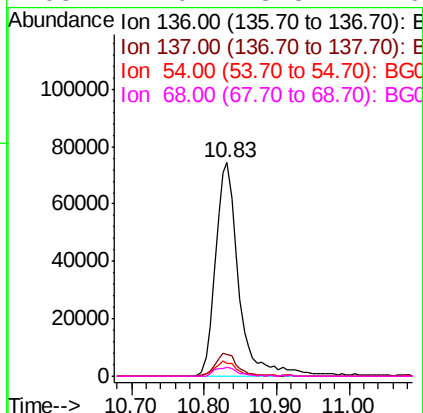
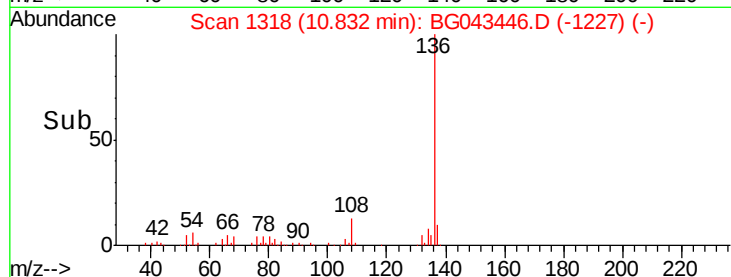
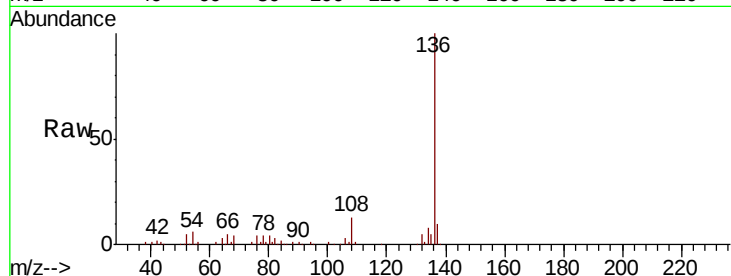




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043446.D
Acq: 31 Oct 2019 22:55

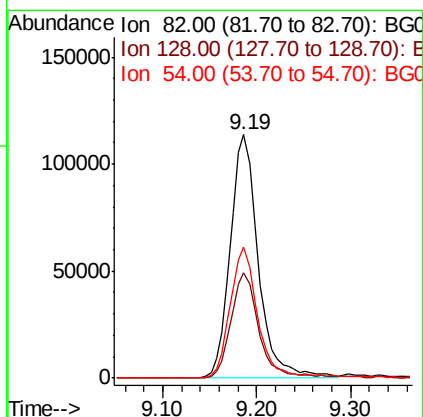
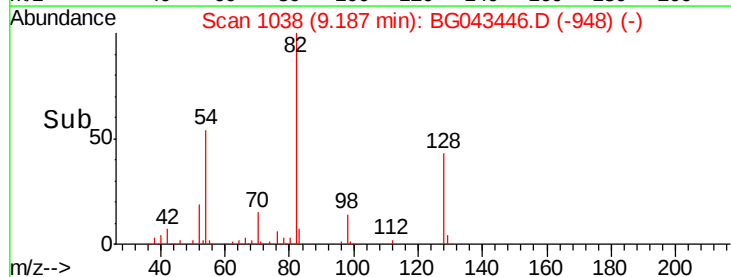
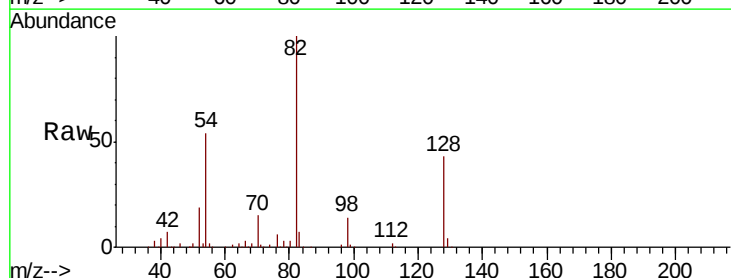
Instrument :
BNA_G
ClientSampled :
Z3-23B

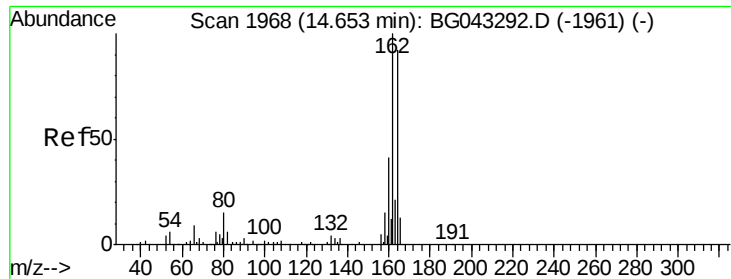
Tot Ion:136	Resp:	165893
Ion	Ratio	Lower Upper
136	100	
137	10.1	8.2 12.2
54	6.2	5.4 8.2
68	4.0	3.3 4.9



#23
Nitrobenzene-d5
Concen: 73.521 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043446.D
Acq: 31 Oct 2019 22:55

Tgt Ion: 82	Resp:	236576
Ion	Ratio	Lower Upper
82	100	
128	43.2	35.3 52.9
54	54.0	42.3 63.5

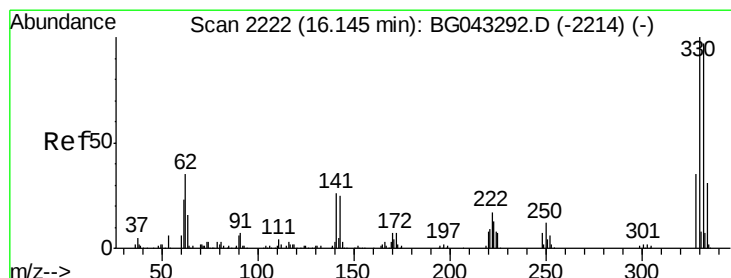
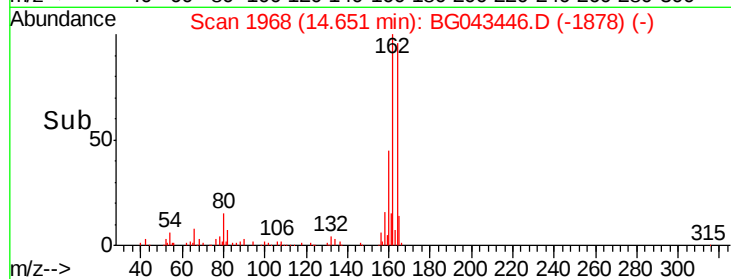
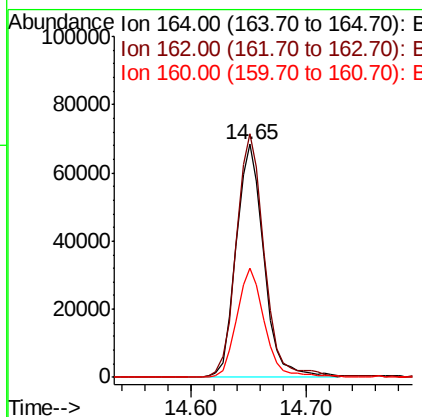
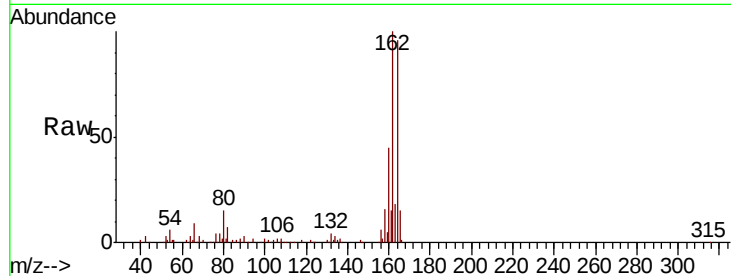




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG043446.D
 Acq: 31 Oct 2019 22:55

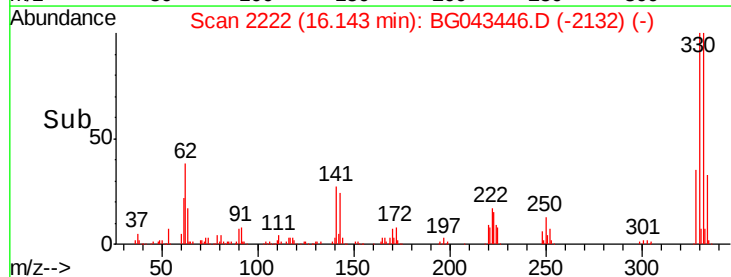
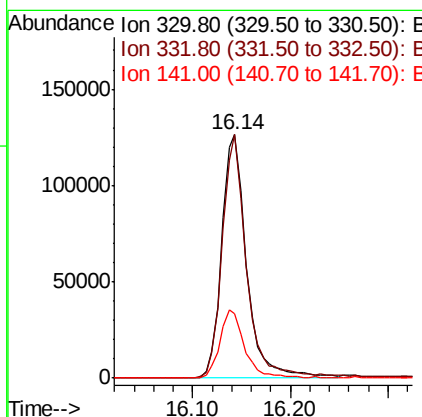
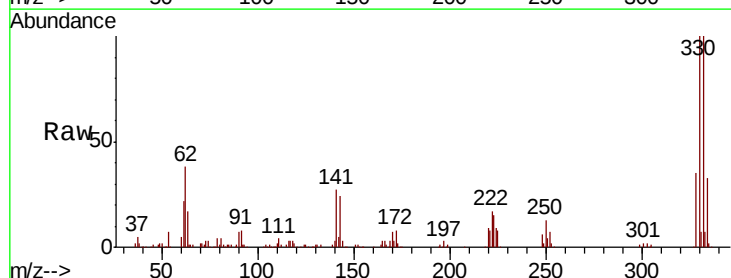
Instrument :
 BNA_G
 ClientSampleId :
 Z3-23B

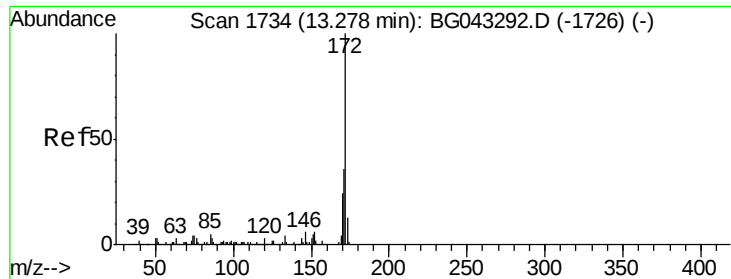
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	87.0	130.4
160	46.9	35.5	53.3



#42
 2,4,6-Tribromophenol
 Concen: 103.705 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043446.D
 Acq: 31 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.4	114.6
141	27.8	21.4	32.0

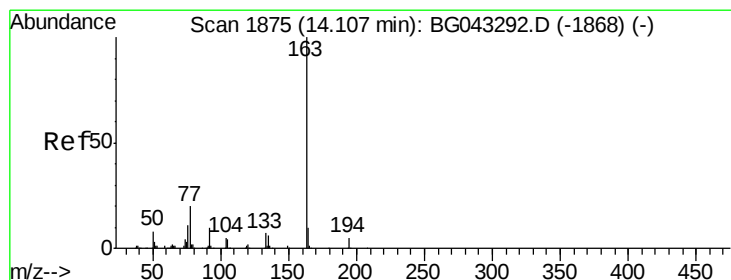
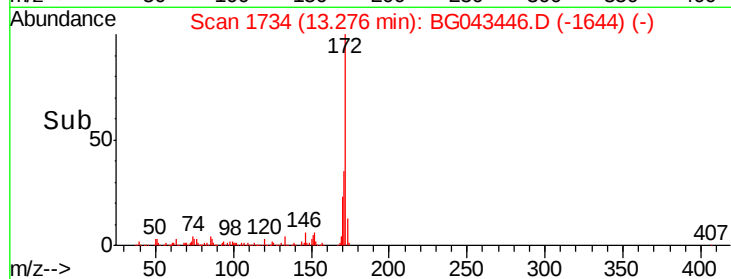
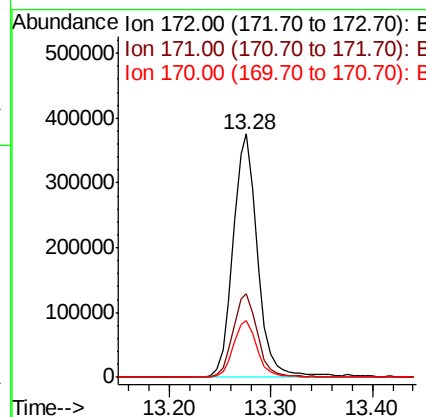
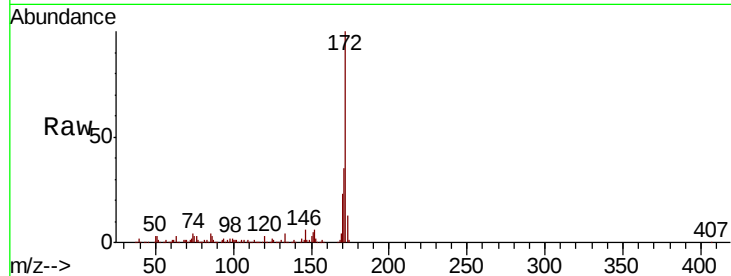




#45
 2-Fluorobiphenyl
 Concen: 76.315 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043446.D
 Acq: 31 Oct 2019 22:55

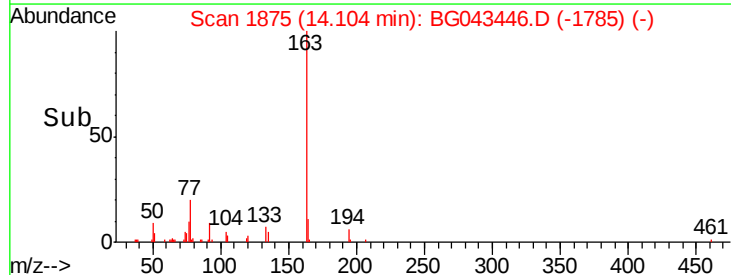
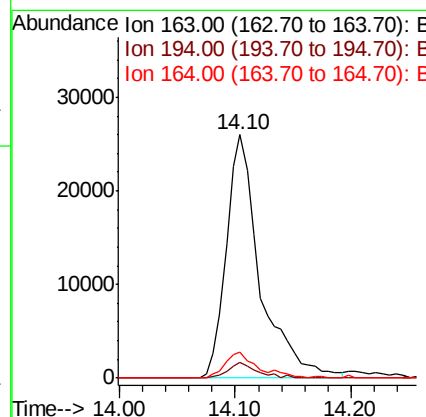
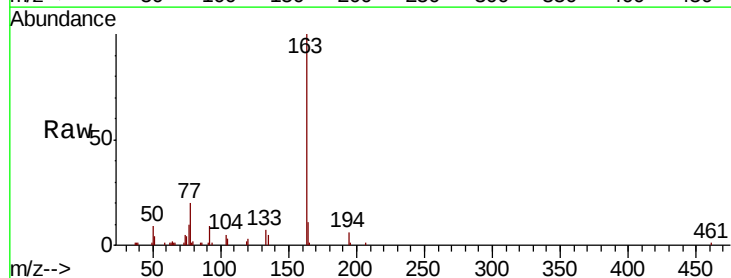
Instrument :
 BNA_G
 ClientSampleId :
 Z3-23B

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.4	18.8	28.2



#50
 Dimethylphthalate
 Concen: 6.000 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BG043446.D
 Acq: 31 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.5	3.7	5.5#
164	10.7	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: BG043446.D

Acq: 31 Oct 2019 22:55

Instrument :

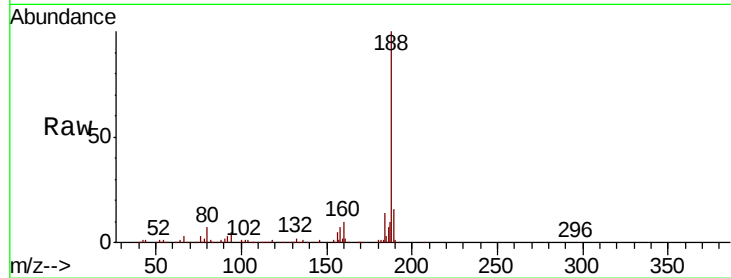
BNA_G

ClientSampleId :

Z3-23B

Tot Ion:188 Resp: 261587

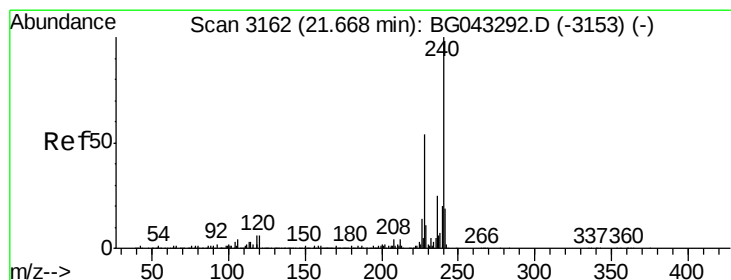
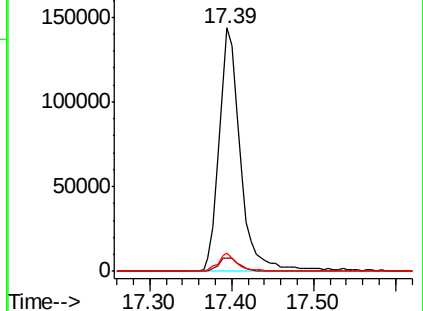
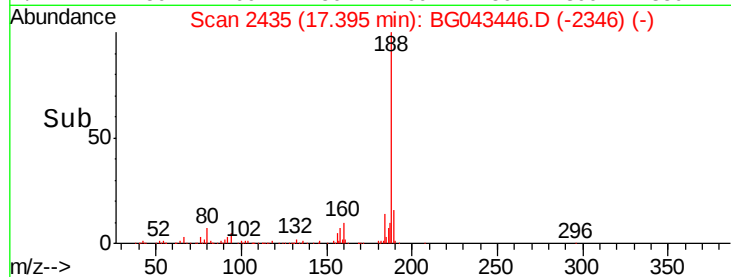
Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.2
80	7.4	5.2	7.8



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

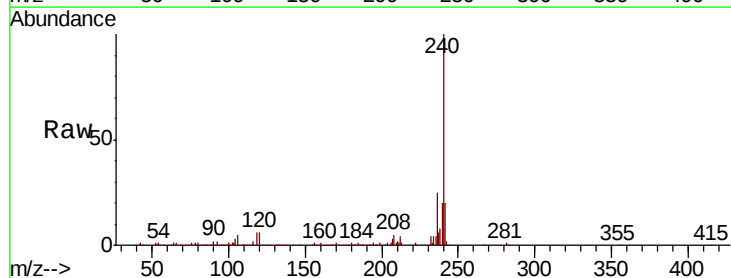
Delta R.T. -0.01 min

Lab File: BG043446.D

Acq: 31 Oct 2019 22:55

Tgt Ion:240 Resp: 278262

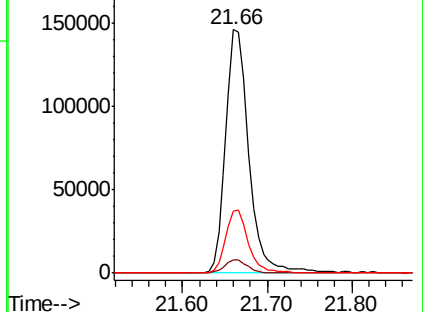
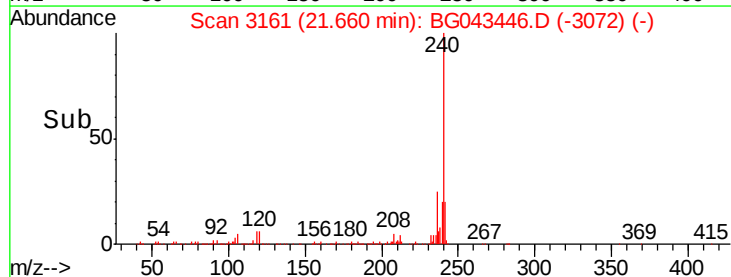
Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.6	7.0
236	25.3	20.2	30.4

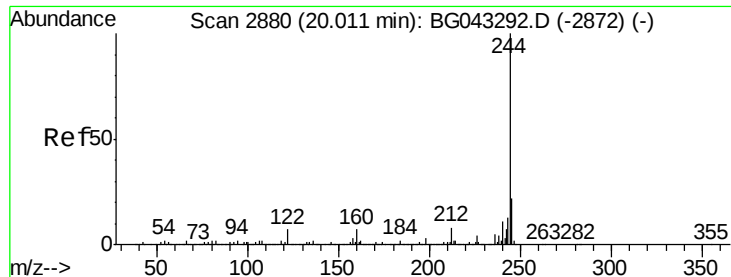


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.647 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043446.D

Acq: 31 Oct 2019 22:55

Instrument :

BNA_G

ClientSampled :

Z3-23B

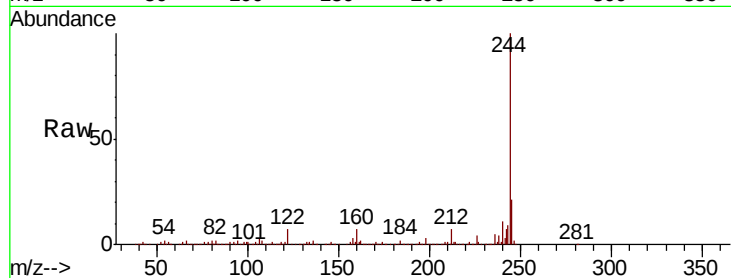
Tot Ion:244 Resp: 1166509

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

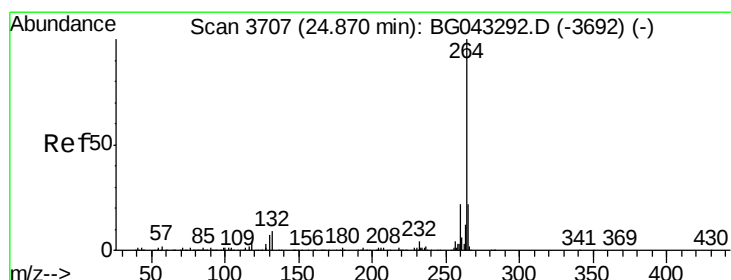
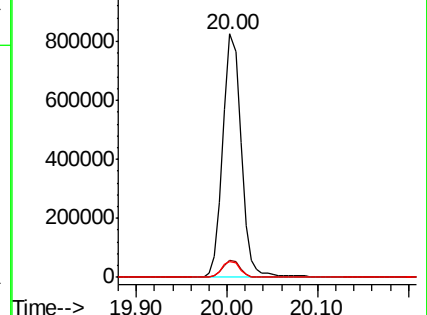
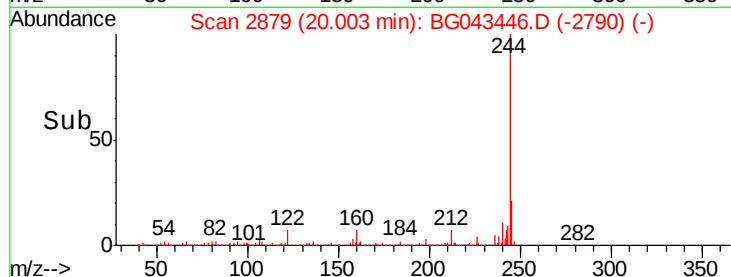
122 6.6 5.3 7.9



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: BG043446.D

Acq: 31 Oct 2019 22:55

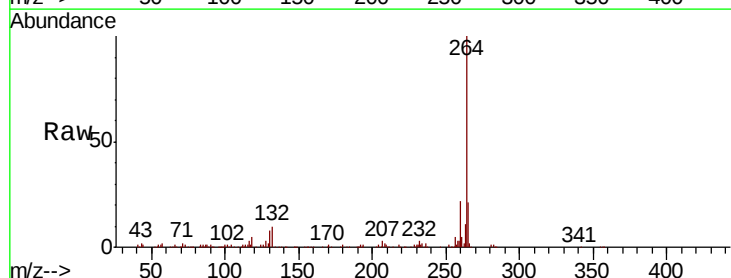
Tgt Ion:264 Resp: 334151

Ion Ratio Lower Upper

264 100

260 22.4 17.9 26.9

265 20.7 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

