

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043686.D
 Acq On : 18 Nov 2019 23:30
 Operator : JU
 Sample : K5848-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESW

Quant Time: Nov 19 02:54:23 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	7.99	152	26644	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	93389	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	63794	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	162241	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	193726	20.00	ng	-0.02
87) Perylene-d12	24.82	264	219233	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	196820	135.36	ng	0.00
7) Phenol-d6	7.19	99	252232	120.57	ng	0.00
23) Nitrobenzene-d5	9.16	82	162195	89.54	ng	-0.02
42) 2,4,6-Tribromophenol	16.11	330	155324	127.94	ng	-0.02
45) 2-Fluorobiphenyl	13.25	172	423703	91.78	ng	-0.02
79) Terphenyl-d14	19.98	244	1009382	97.75	ng	-0.02

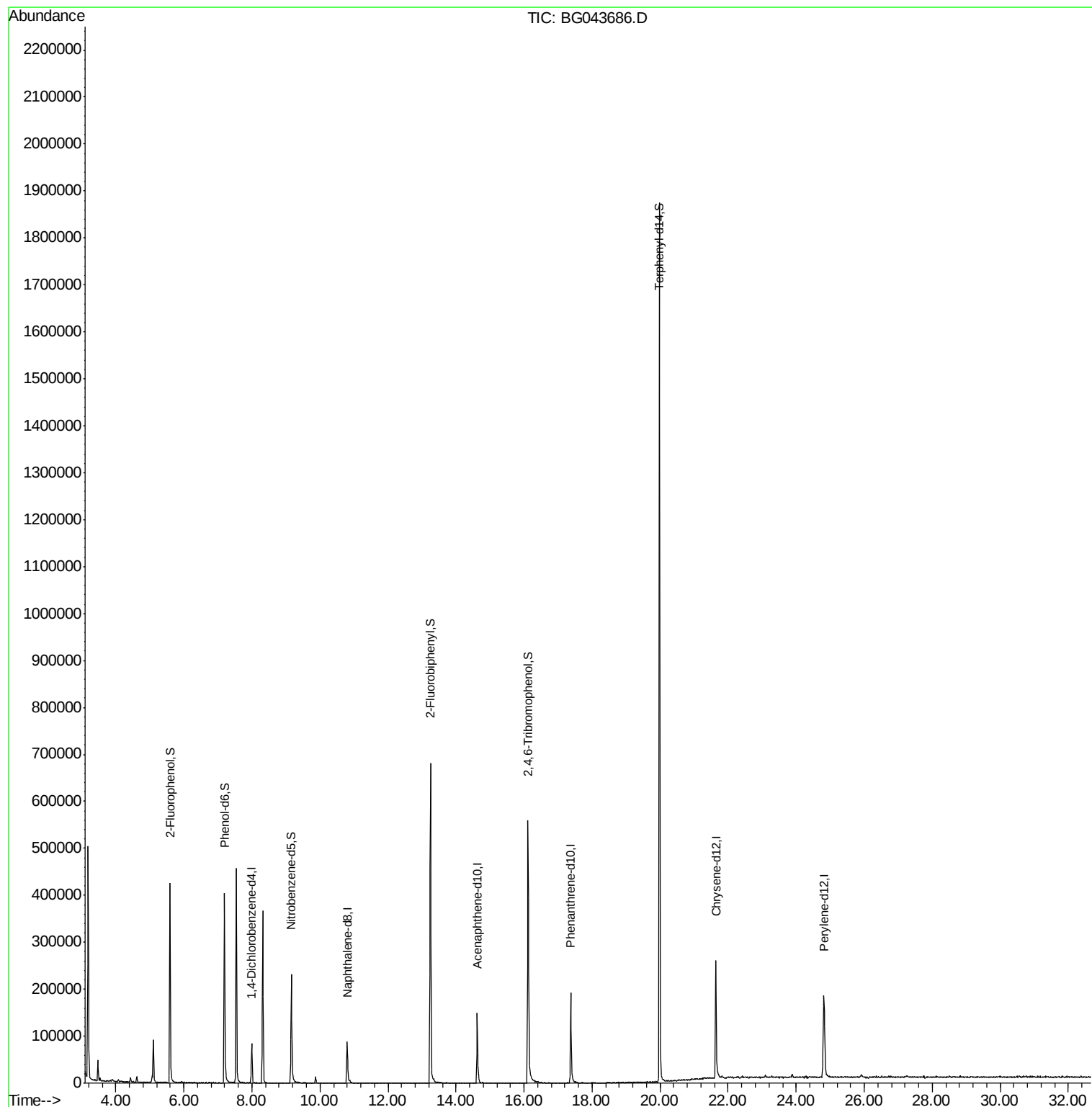
Target Compounds Qvalue

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

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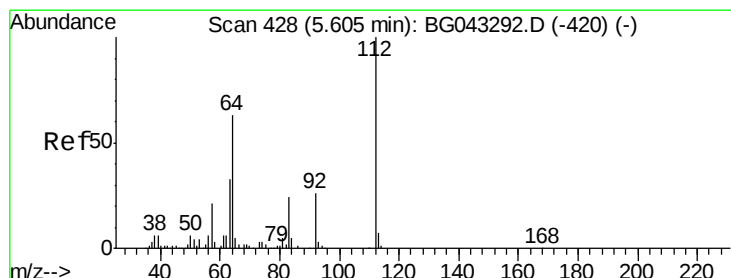
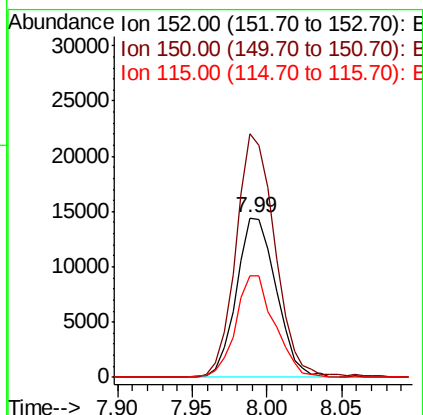
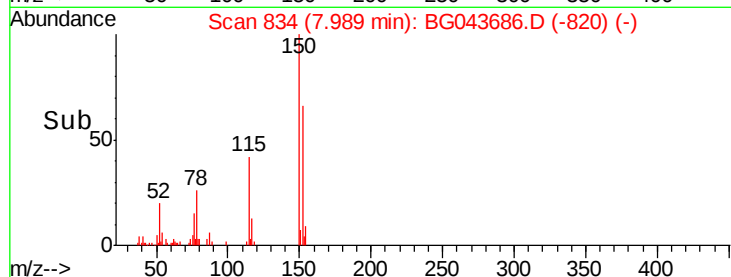
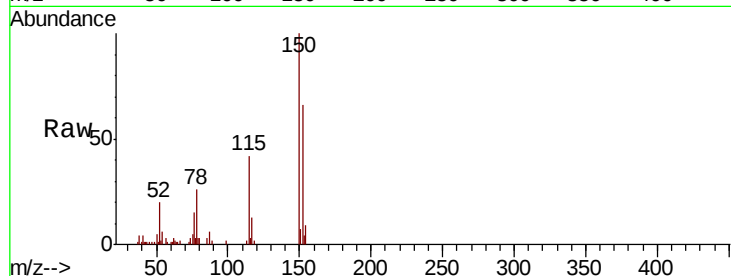


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043686.D
Acq: 18 Nov 2019 23:30

Instrument :
BNA_G
ClientSampleId :
ESW

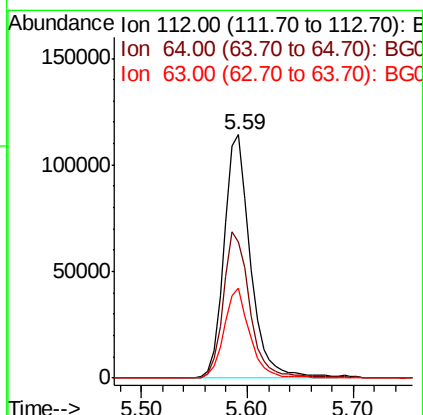
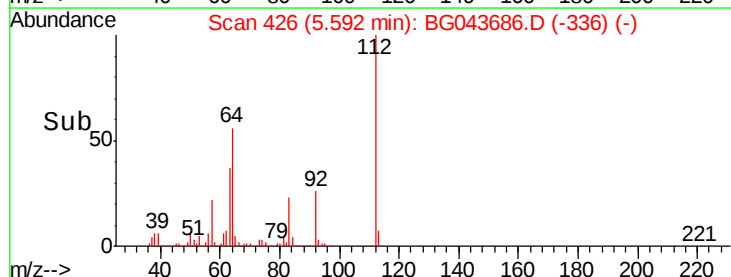
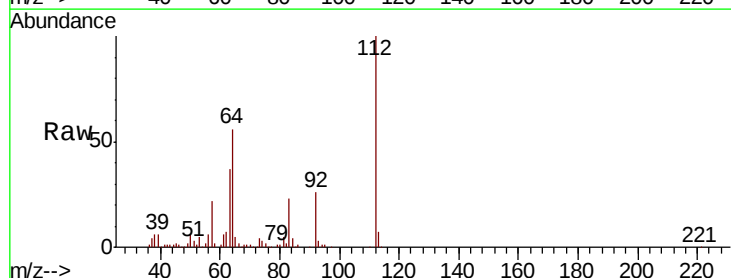
Tot Ion:152 Resp: 26644
Ion Ratio Lower Upper
152 100
150 152.4 129.4 194.0
115 63.9 48.8 73.2

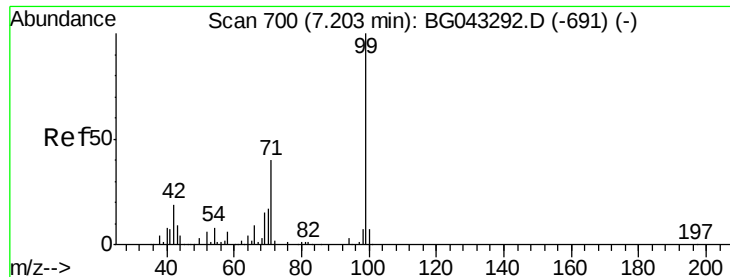


#5

2-Fluorophenol
Concen: 135.363 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043686.D
Acq: 18 Nov 2019 23:30

Tgt Ion:112 Resp: 196820
Ion Ratio Lower Upper
112 100
64 56.1 50.0 75.0
63 36.8 26.6 40.0





#7

Phenol-d6

Concen: 120.571 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

Instrument :

BNA_G

ClientSampleId :

ESW

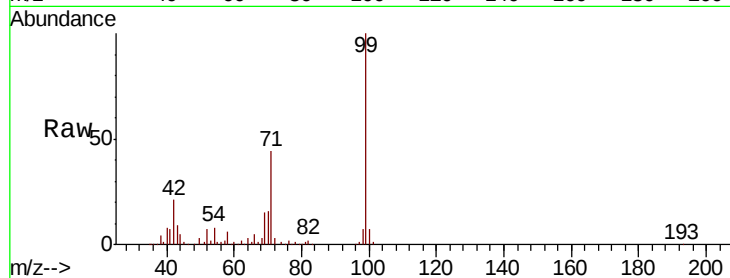
Tot Ion: 99 Resp: 252232

Ion Ratio Lower Upper

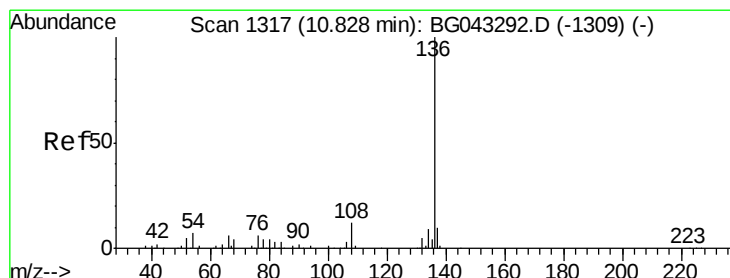
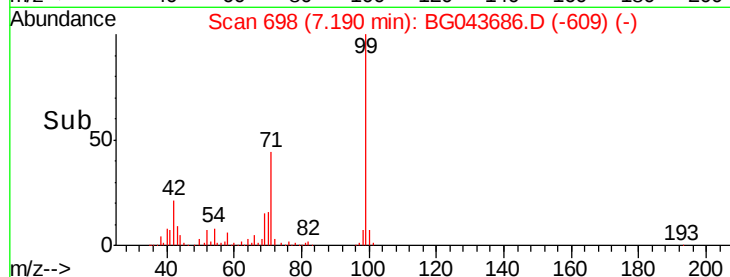
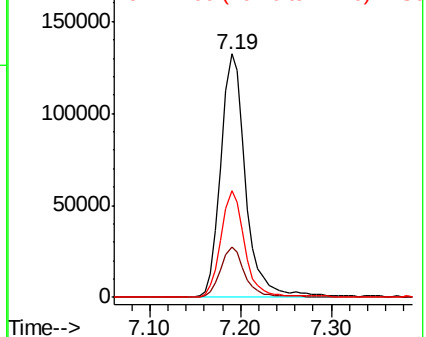
99 100

42 20.6 14.6 21.8

71 43.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

Tgt Ion: 136 Resp: 93389

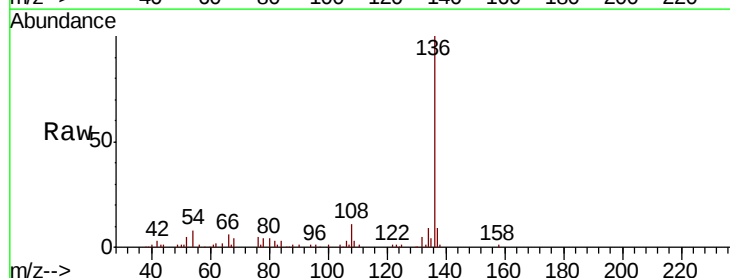
Ion Ratio Lower Upper

136 100

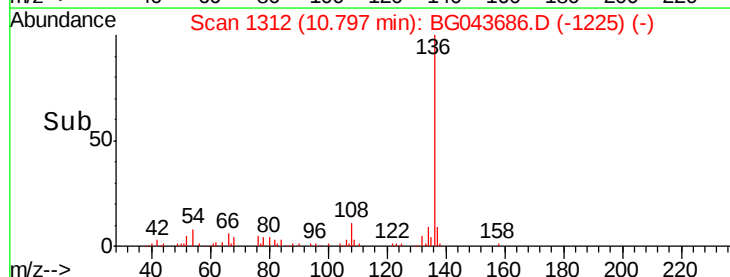
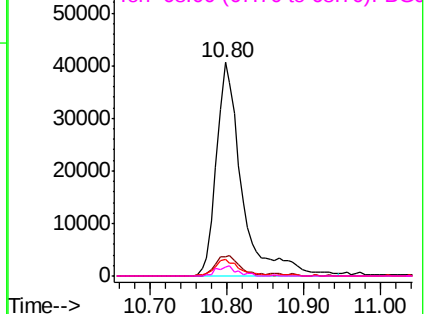
137 9.0 8.7 13.1

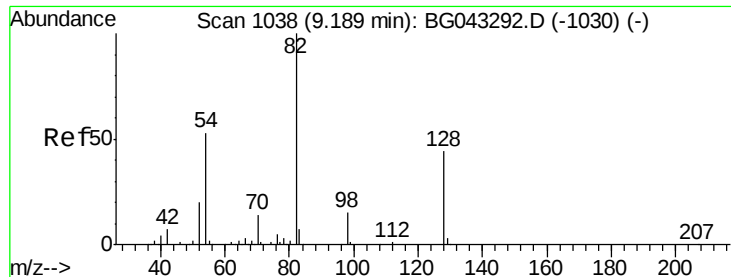
54 7.6 5.4 8.2

68 4.3 3.0 4.4



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

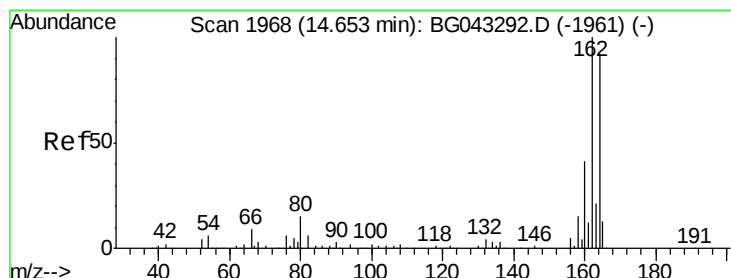
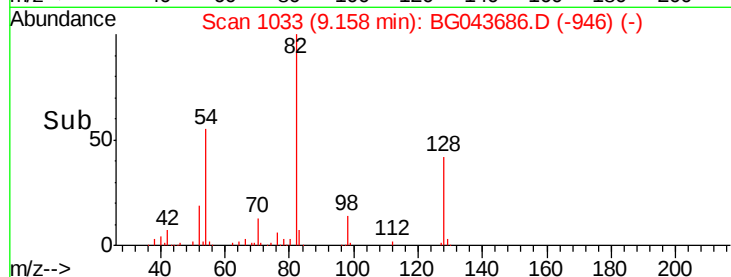
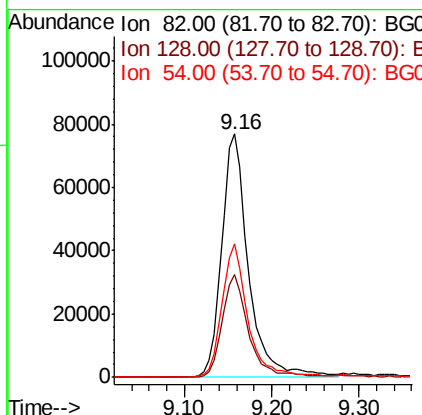
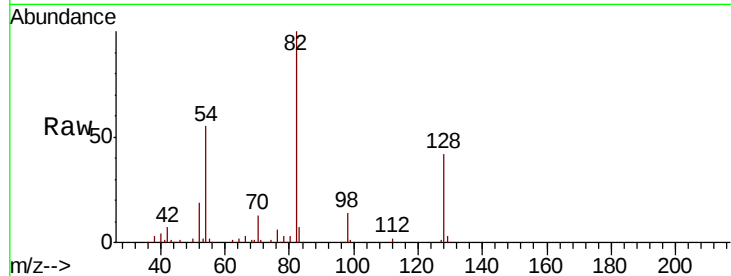




#23
Nitrobenzene-d5
Concen: 89.538 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043686.D
Acq: 18 Nov 2019 23:30

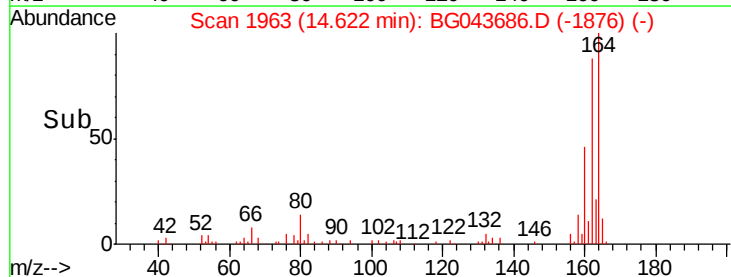
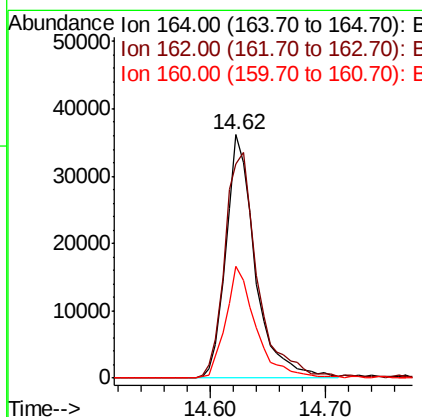
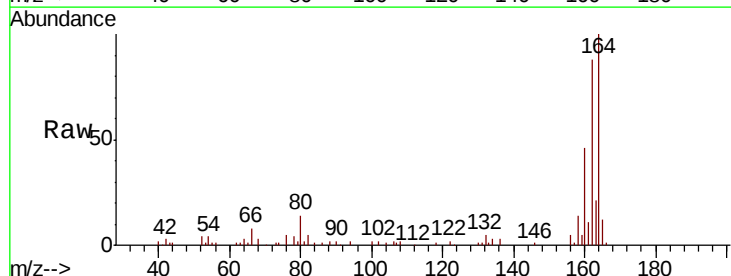
Instrument :
BNA_G
ClientSampled :
ESW

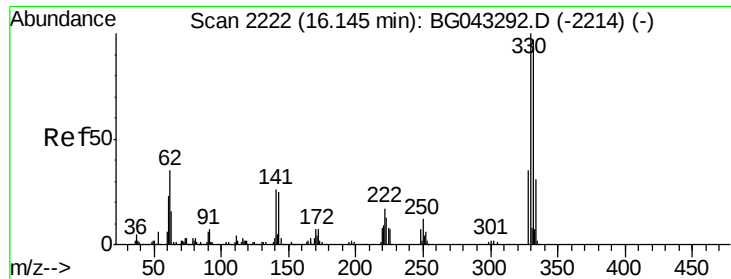
Tot Ion	82	Resp	162195
Ion Ratio	Lower	Upper	
82	100		
128	42.0	35.0	52.6
54	54.8	40.2	60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043686.D
Acq: 18 Nov 2019 23:30

Tgt Ion	164	Resp	63794
Ion Ratio	Lower	Upper	
164	100		
162	87.9	83.5	125.3
160	46.1	36.5	54.7

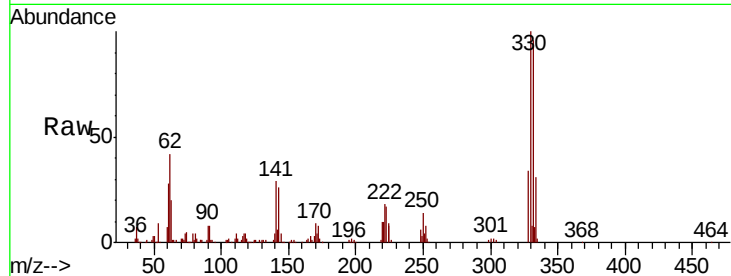




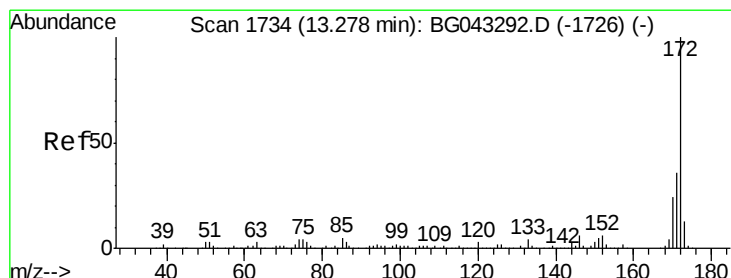
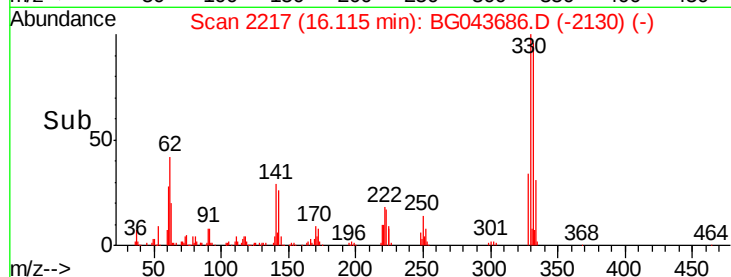
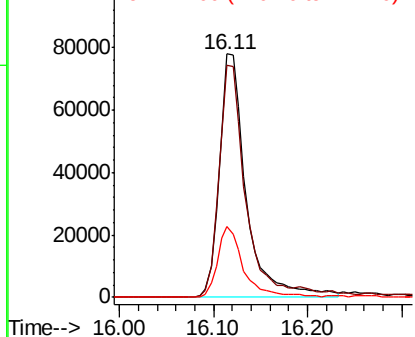
#42
 2,4,6-Tribromophenol
 Concen: 127.944 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BG043686.D
 Acq: 18 Nov 2019 23:30

Instrument :
 BNA_G
 ClientSampled :
 ESW

Tot Ion:330 Resp: 155324
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.0
 141 28.3 22.8 34.2

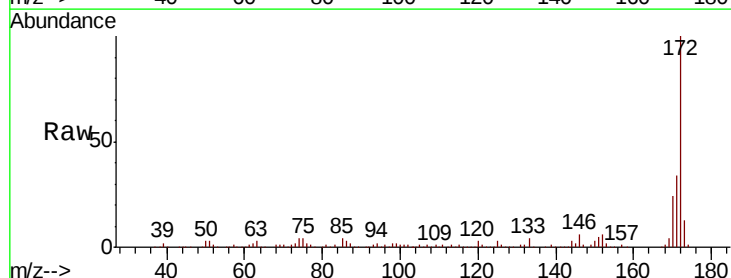


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

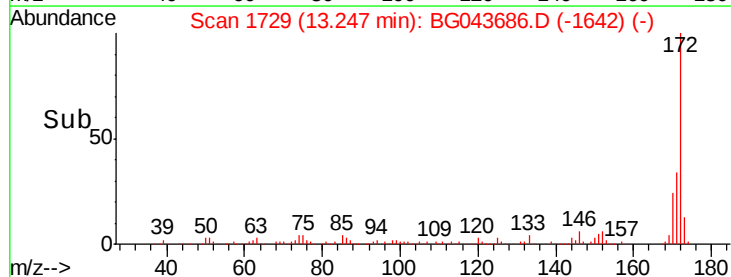
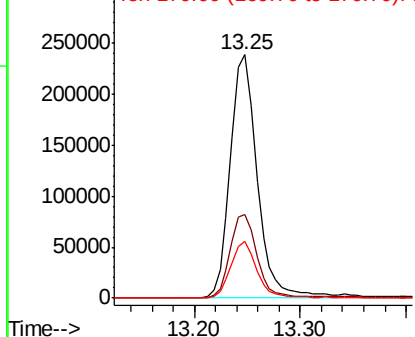


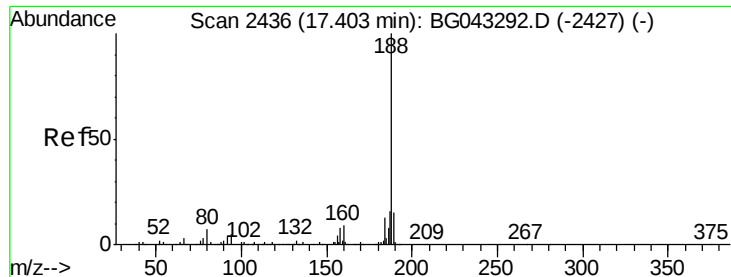
#45
 2-Fluorobiphenyl
 Concen: 91.776 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043686.D
 Acq: 18 Nov 2019 23:30

Tgt Ion:172 Resp: 423703
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.9 43.3
 170 23.5 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

Instrument :

BNA_G

ClientSampled :

ESW

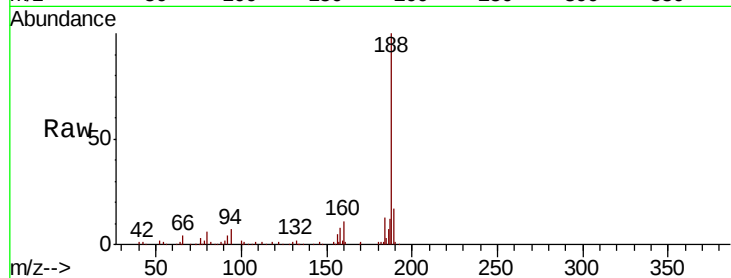
Tot Ion:188 Resp: 162241

Ion Ratio Lower Upper

188 100

94 6.7 4.2 6.4#

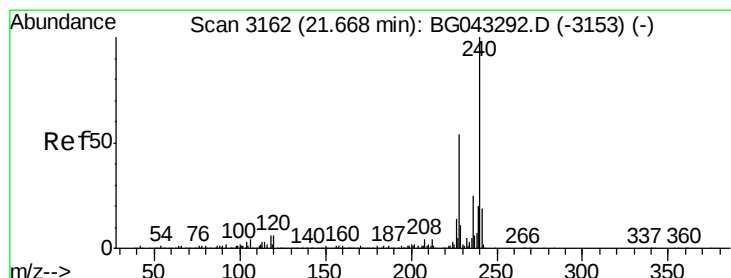
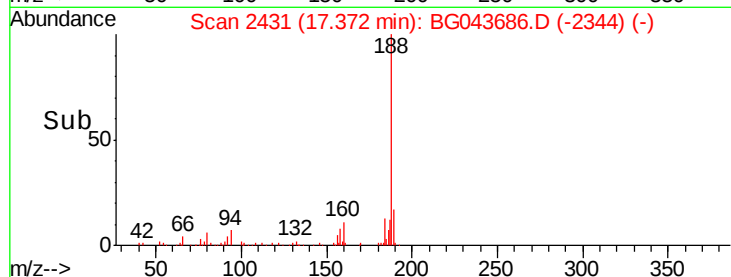
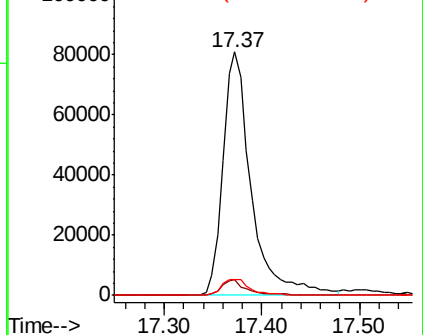
80 6.4 4.5 6.7



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. -0.02 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

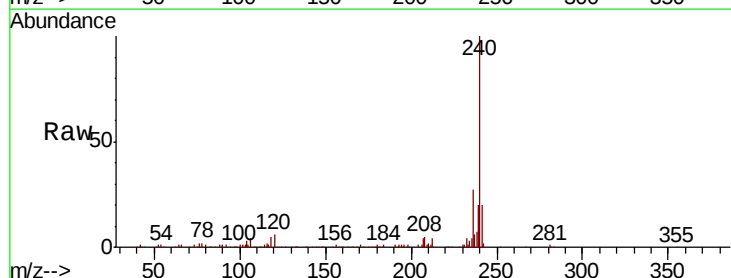
Tgt Ion:240 Resp: 193726

Ion Ratio Lower Upper

240 100

120 6.0 4.6 6.8

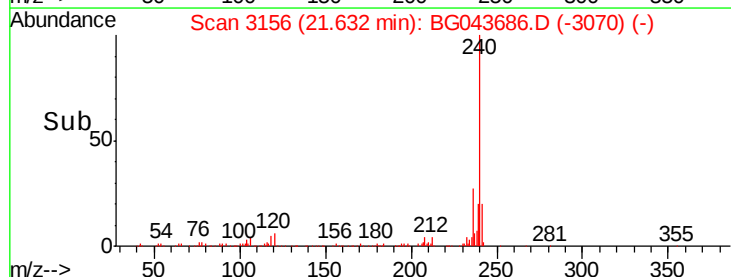
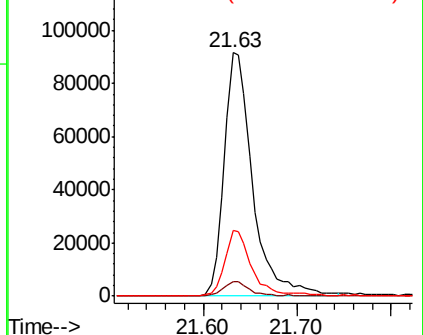
236 27.0 19.8 29.8

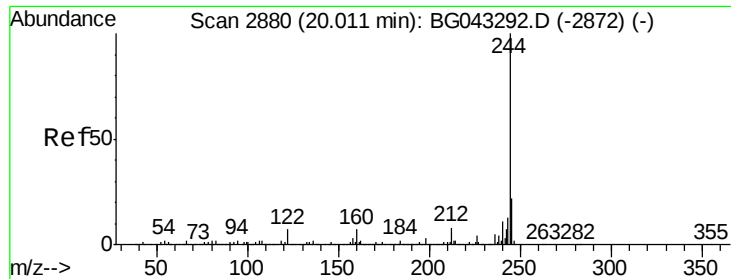


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.749 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

Instrument :

BNA_G

ClientSampled :

ESW

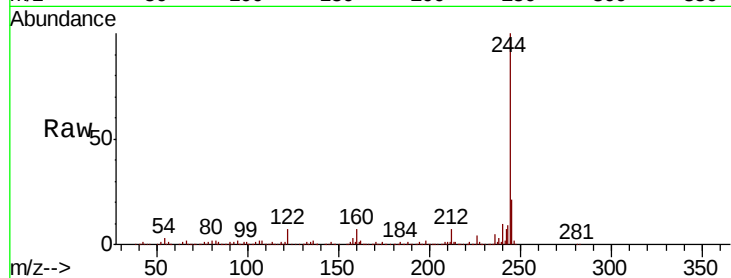
Tot Ion:244 Resp: 1009382

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

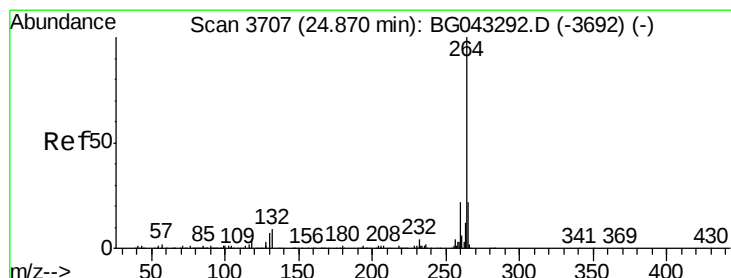
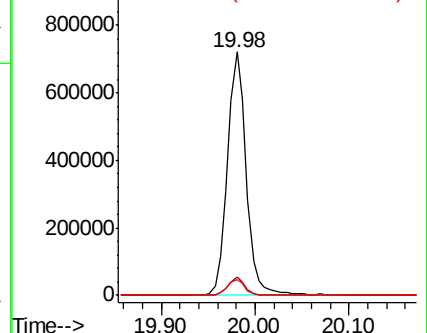
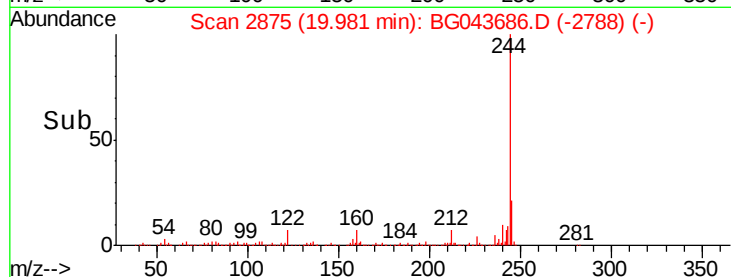
122 6.6 5.4 8.2



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: 24.82 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043686.D

Acq: 18 Nov 2019 23:30

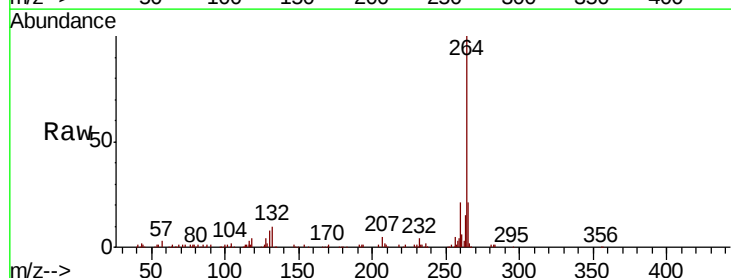
Tgt Ion:264 Resp: 219233

Ion Ratio Lower Upper

264 100

260 21.3 17.5 26.3

265 21.2 17.4 26.0



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

