

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043685.D
 Acq On : 18 Nov 2019 22:51
 Operator : JU
 Sample : K5782-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-COMP

Quant Time: Nov 19 02:52:36 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	8.00	152	26602	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	94899	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	62549	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	171005	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	189165	20.00	ng	-0.02
87) Perylene-d12	24.82	264	80952	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	217425	149.77	ng	0.00
7) Phenol-d6	7.19	99	280349	134.22	ng	0.00
23) Nitrobenzene-d5	9.16	82	180747	98.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	174537	146.63	ng	-0.02
45) 2-Fluorobiphenyl	13.24	172	474848	104.90	ng	-0.02
79) Terphenyl-d14	19.98	244	1100986	109.19	ng	-0.02

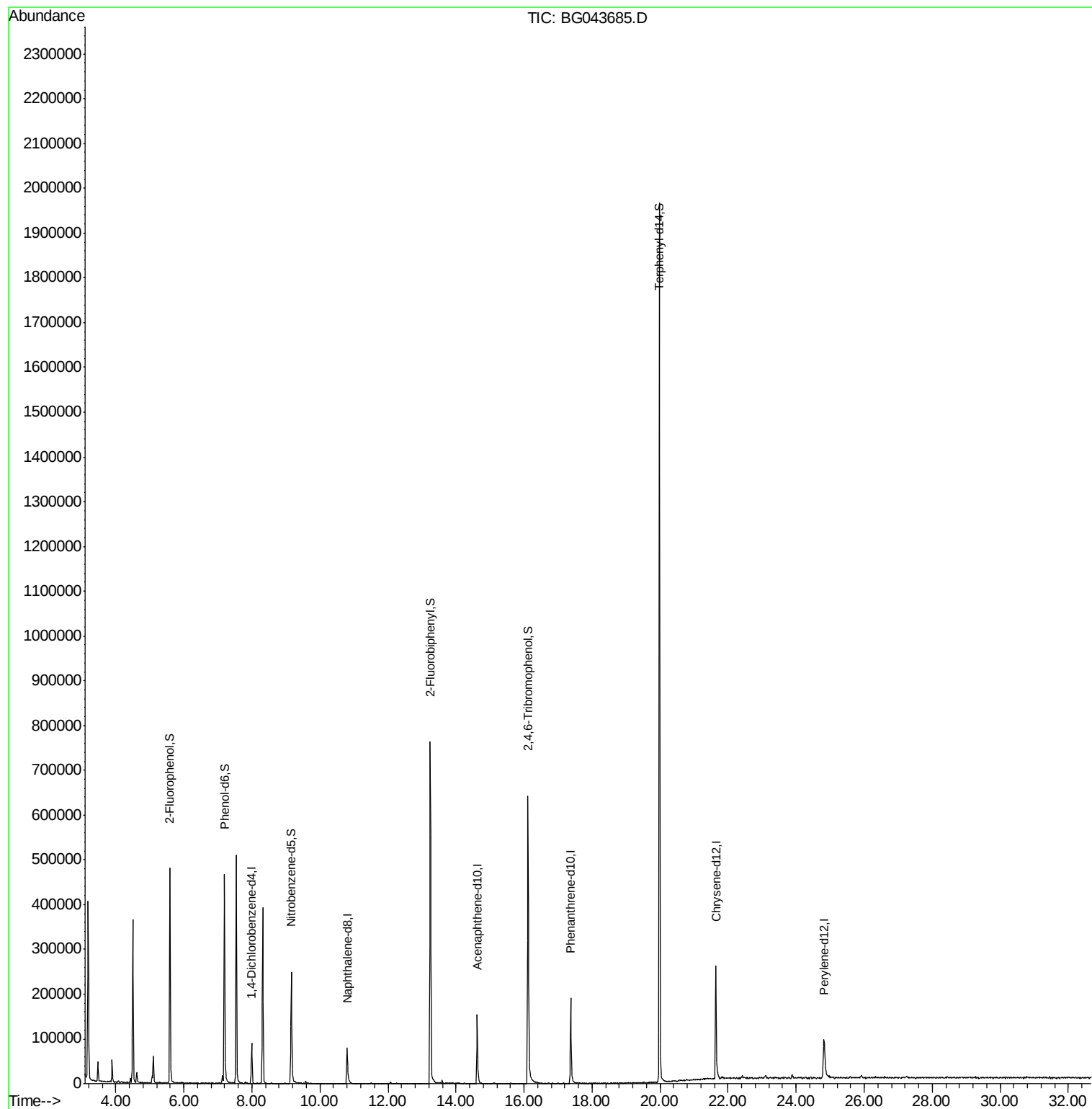
Target Compounds Qvalue

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

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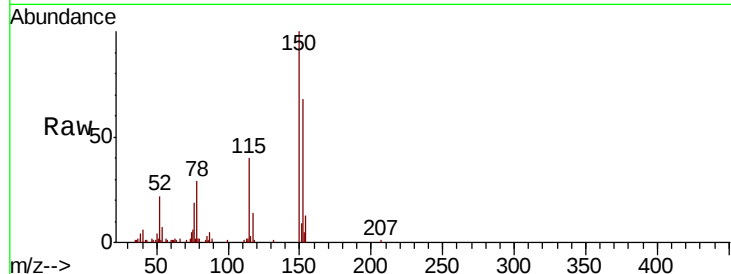


#1

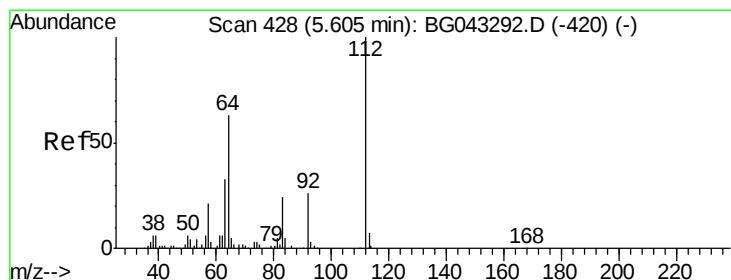
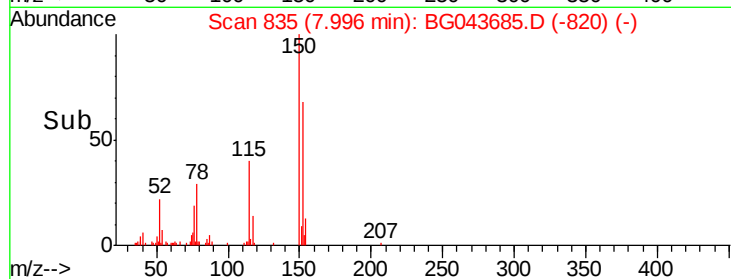
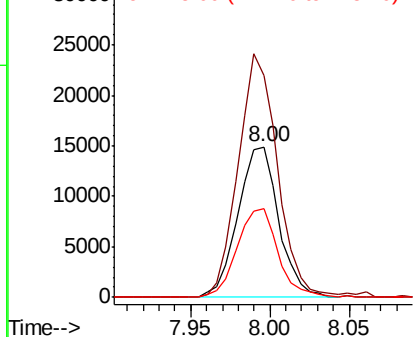
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043685.D
Acq: 18 Nov 2019 22:51

Instrument :
BNA_G
ClientSampleId :
TP-2A-COMP

Tot Ion:152 Resp: 26602
Ion Ratio Lower Upper
152 100
150 146.9 129.4 194.0
115 58.8 48.8 73.2



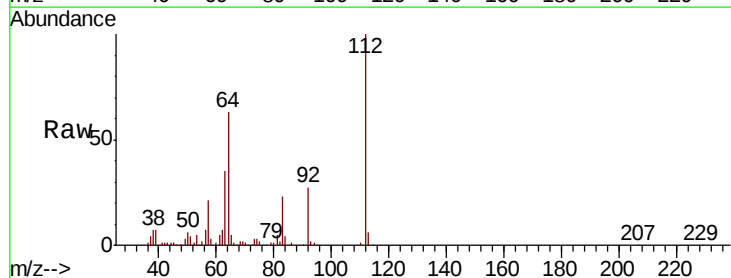
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



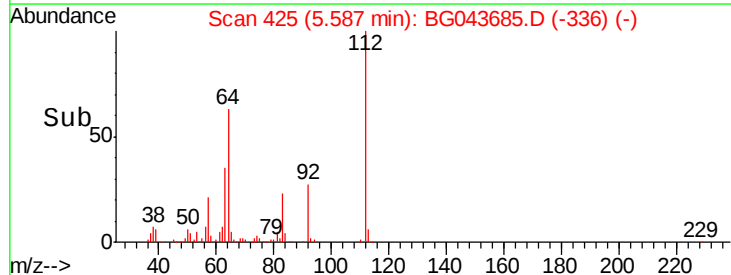
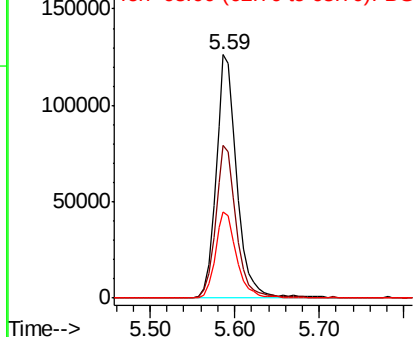
#5

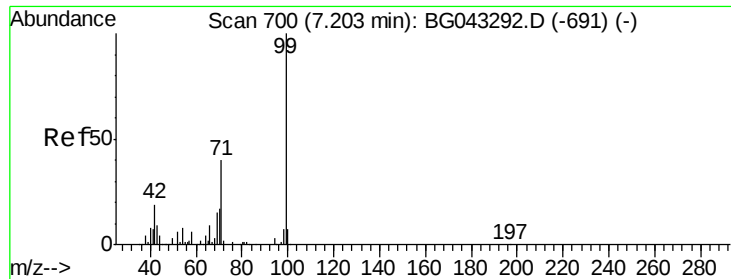
2-Fluorophenol
Concen: 149.771 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043685.D
Acq: 18 Nov 2019 22:51

Tgt Ion:112 Resp: 217425
Ion Ratio Lower Upper
112 100
64 62.8 50.0 75.0
63 35.5 26.6 40.0



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: 134.223 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043685.D

Acq: 18 Nov 2019 22:51

Instrument :

BNA_G

ClientSampleId :

TP-2A-COMP

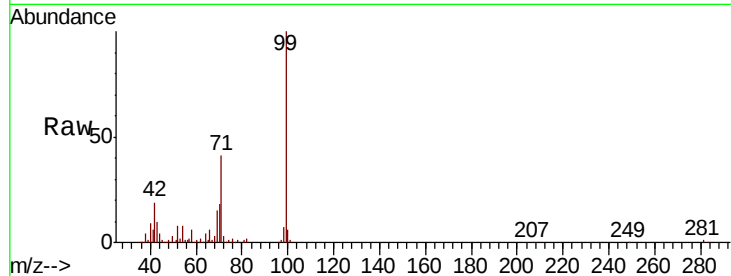
Tot Ion: 99 Resp: 280349

Ion Ratio Lower Upper

99 100

42 19.3 14.6 21.8

71 41.2 32.5 48.7

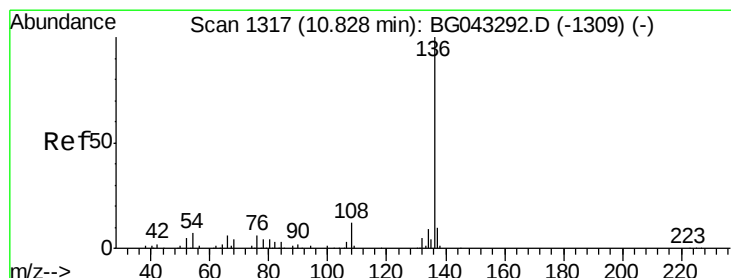
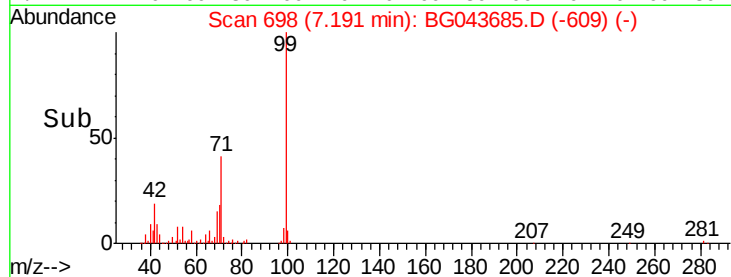
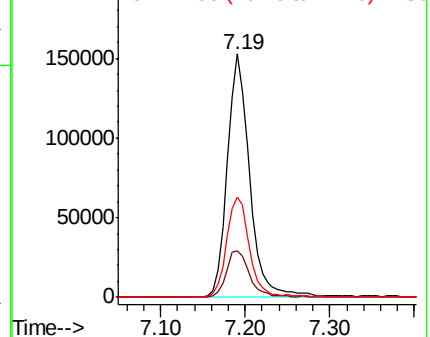


Abundance

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: BG043685.D

Acq: 18 Nov 2019 22:51

Tgt Ion: 136 Resp: 94899

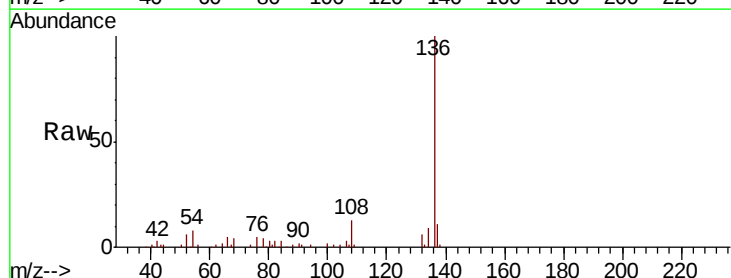
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.8 5.4 8.2

68 3.9 3.0 4.4



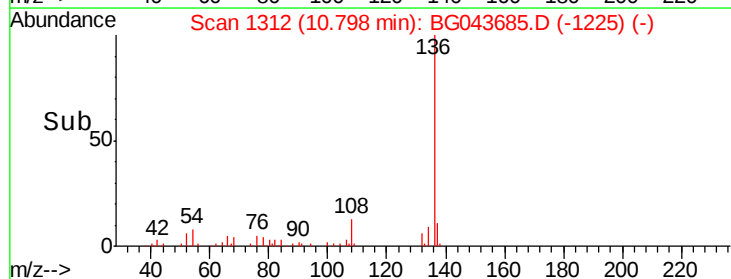
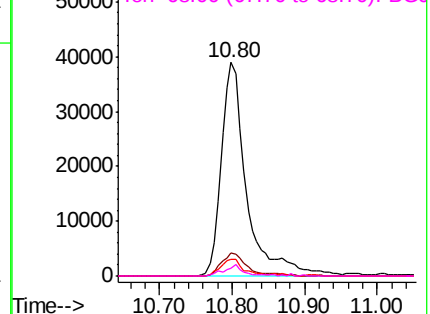
Abundance

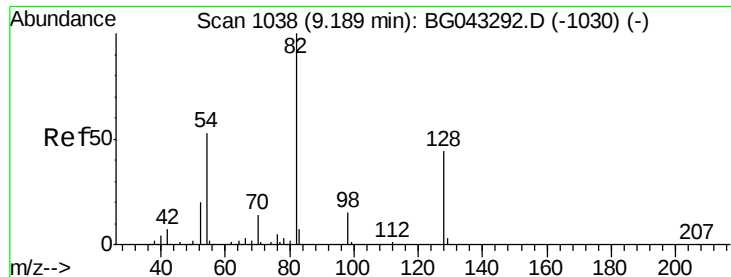
Ion 136.00 (135.70 to 136.70): BGC

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

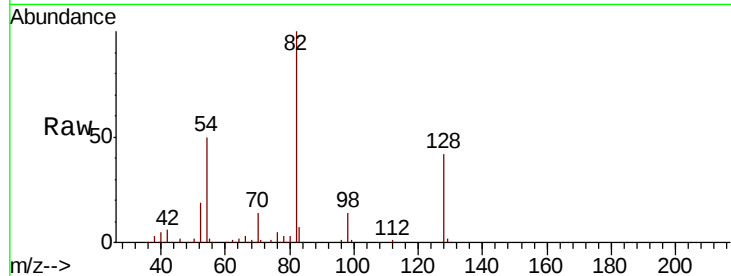




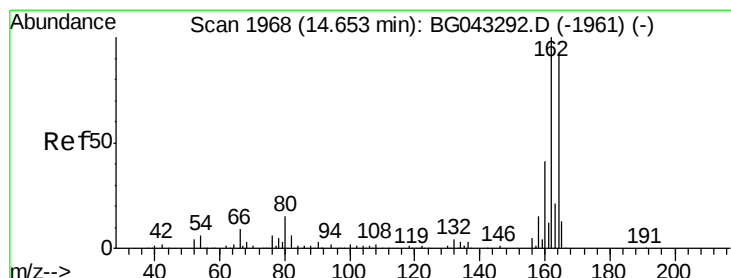
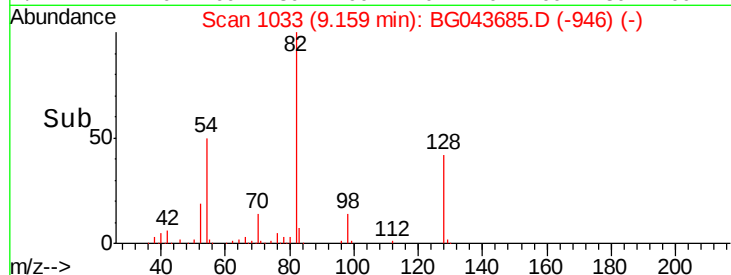
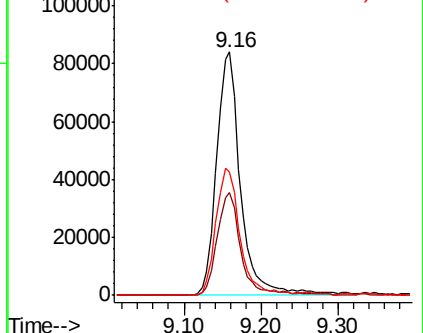
#23
Nitrobenzene-d5
Concen: 98.192 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043685.D
Acq: 18 Nov 2019 22:51

Instrument :
BNA_G
ClientSampled :
TP-2A-COMP

Tot Ion	82	Resp	180747
Ion Ratio	Lower	Upper	
82	100		
128	42.4	35.0	52.6
54	50.5	40.2	60.2

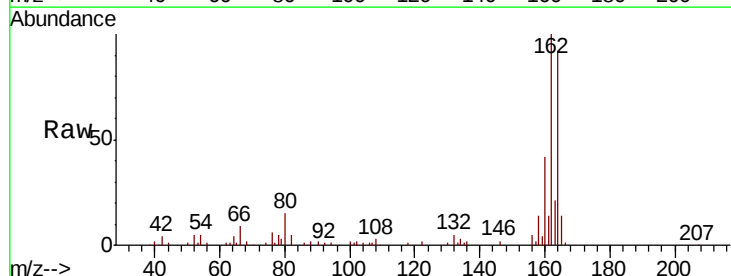


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

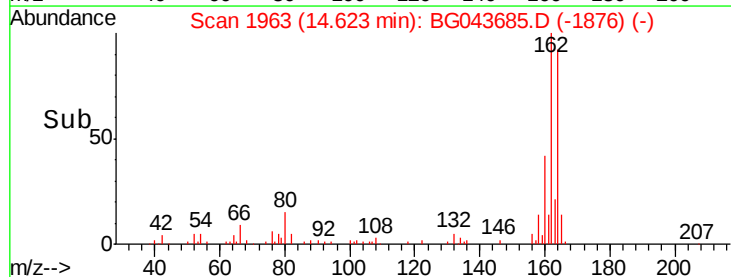
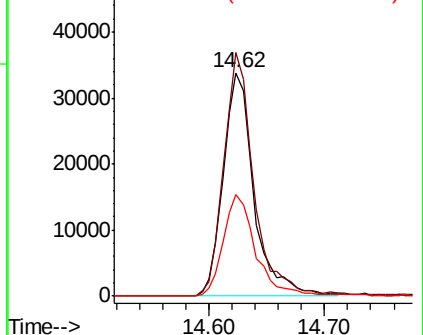


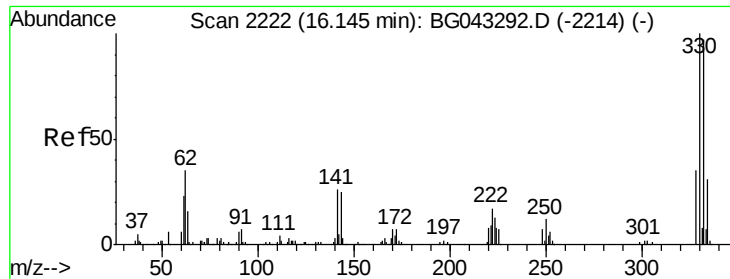
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043685.D
Acq: 18 Nov 2019 22:51

Tgt Ion	164	Resp	62549
Ion Ratio	Lower	Upper	
164	100		
162	109.1	83.5	125.3
160	45.7	36.5	54.7



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

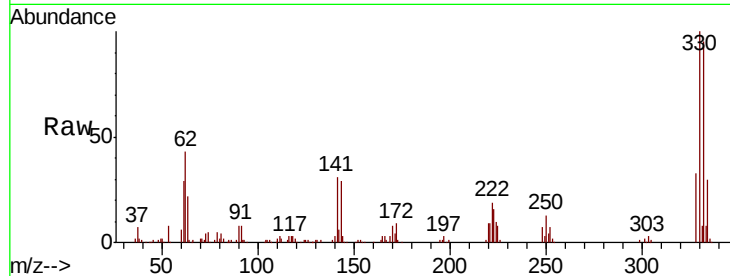




#42
 2,4,6-Tribromophenol
 Concen: 146.632 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BG043685.D
 Acq: 18 Nov 2019 22:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.0
141	28.4	22.8	34.2

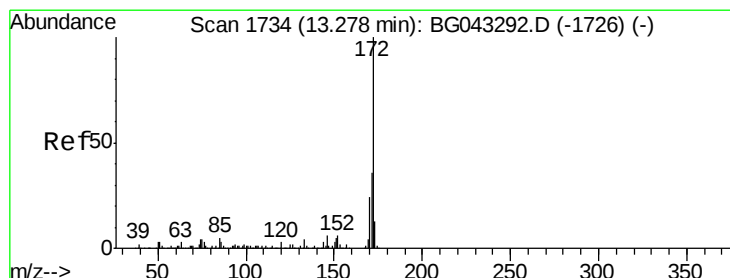
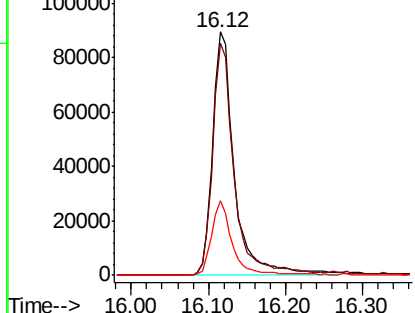
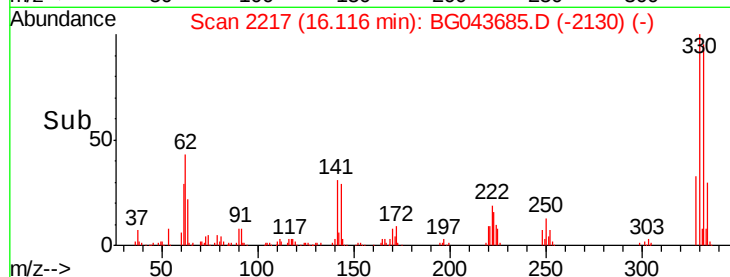


Abundance

Ion 329.80 (329.50 to 330.50): E

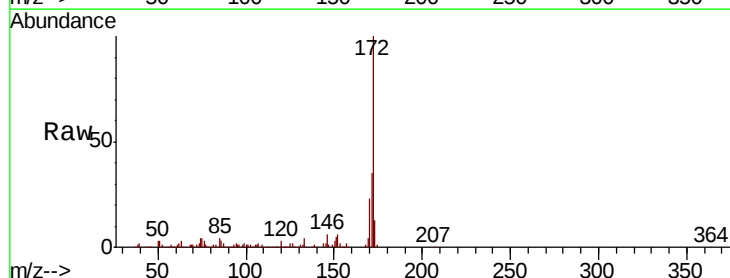
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.901 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.02 min
 Lab File: BG043685.D
 Acq: 18 Nov 2019 22:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.9	43.3
170	23.3	18.5	27.7

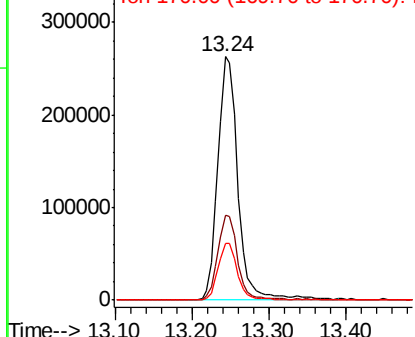
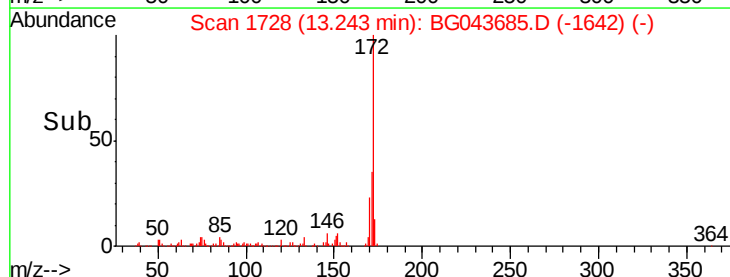


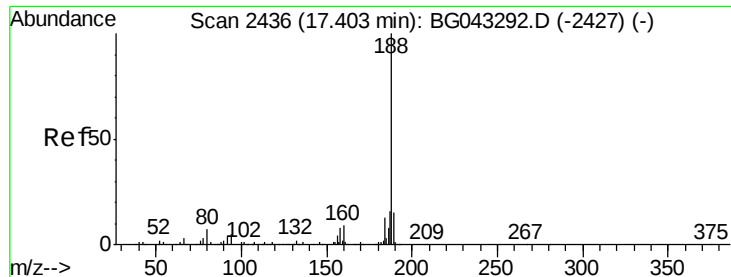
Abundance

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: BG043685.D

Acq: 18 Nov 2019 22:51

Instrument :

BNA_G

ClientSampleId :

TP-2A-COMP

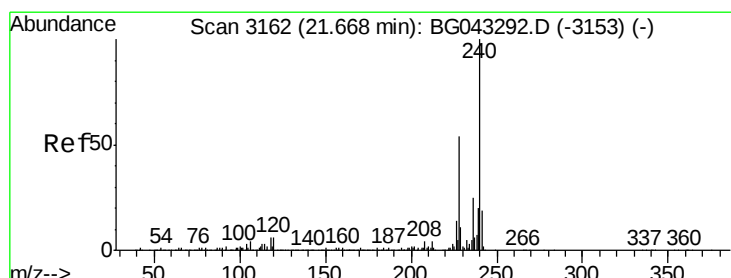
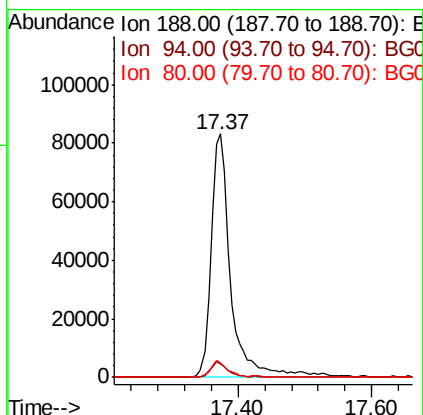
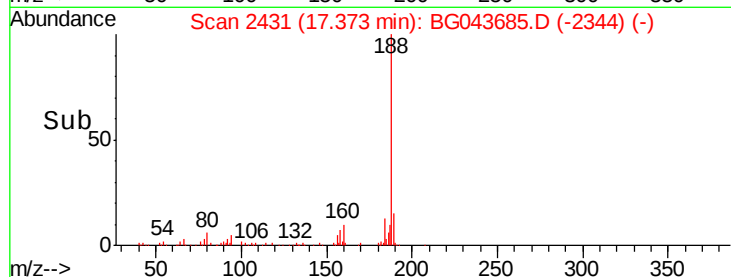
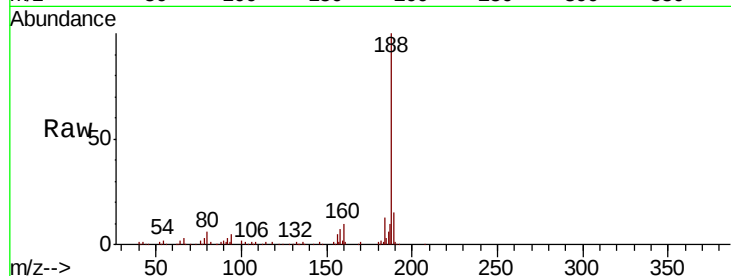
Tot Ion:188 Resp: 171005

Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.4

80 5.7 4.5 6.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043685.D

Acq: 18 Nov 2019 22:51

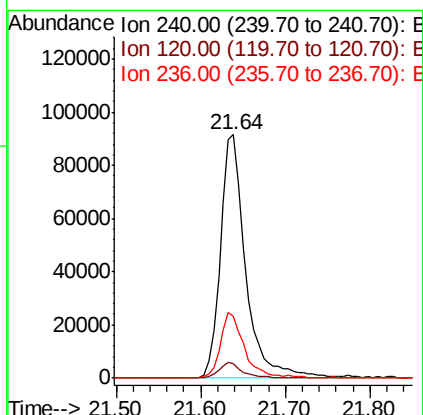
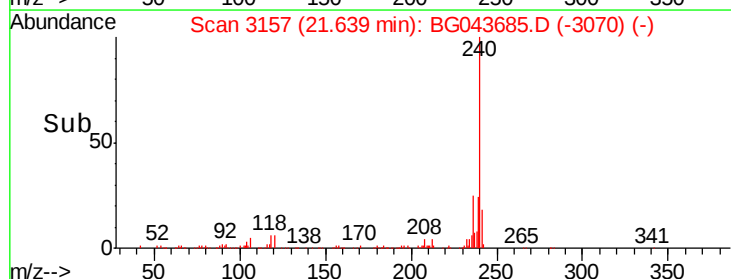
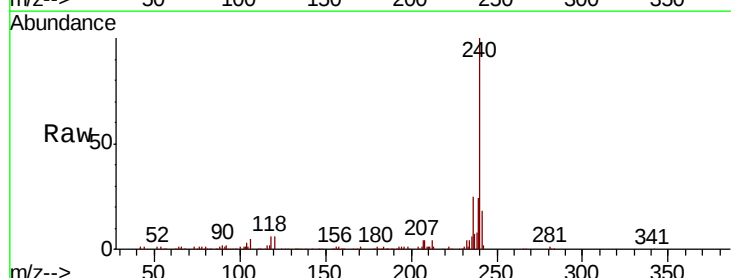
Tgt Ion:240 Resp: 189165

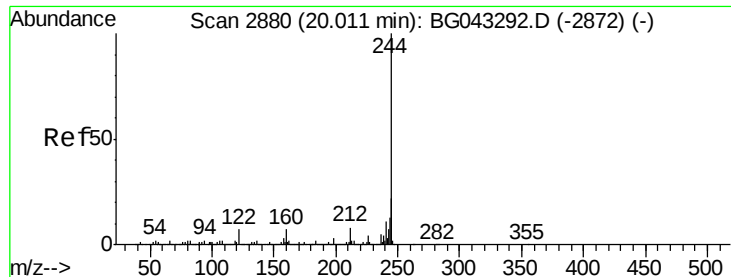
Ion Ratio Lower Upper

240 100

120 5.9 4.6 6.8

236 25.5 19.8 29.8





#79

Terphenyl-d14

Concen: 109.191 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043685.D

Acq: 18 Nov 2019 22:51

Instrument :

BNA_G

ClientSampleId :

TP-2A-COMP

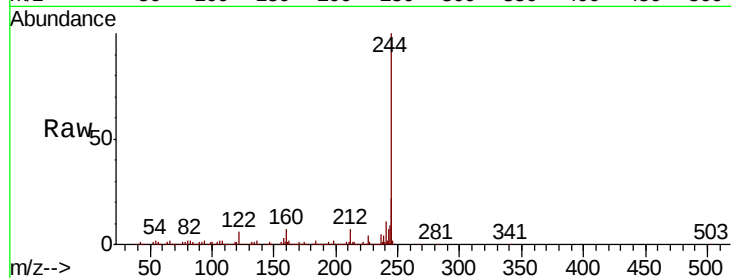
Tot Ion:244 Resp: 1100986

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

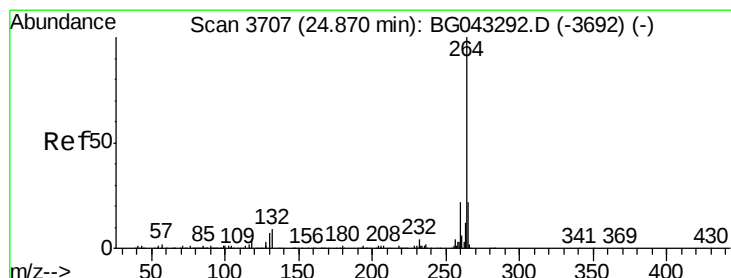
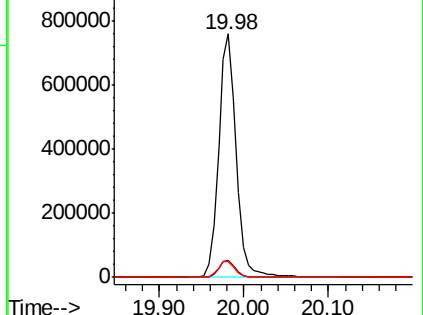
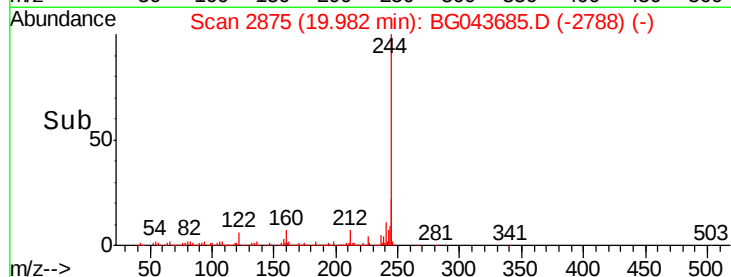
122 6.3 5.4 8.2



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: BG043685.D

Acq: 18 Nov 2019 22:51

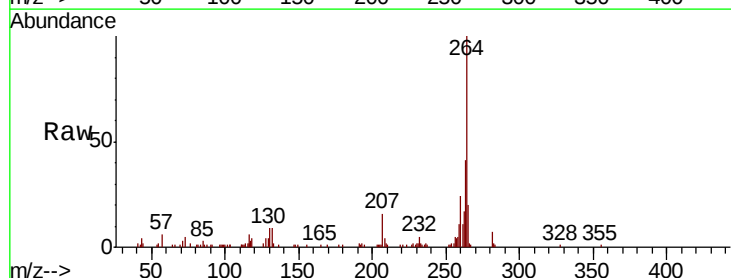
Tgt Ion:264 Resp: 80952

Ion Ratio Lower Upper

264 100

260 24.1 17.5 26.3

265 20.3 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

