

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043682.D
 Acq On : 18 Nov 2019 20:52
 Operator : JU
 Sample : K5904-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11-(2-4)

Quant Time: Nov 19 02:44:21 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

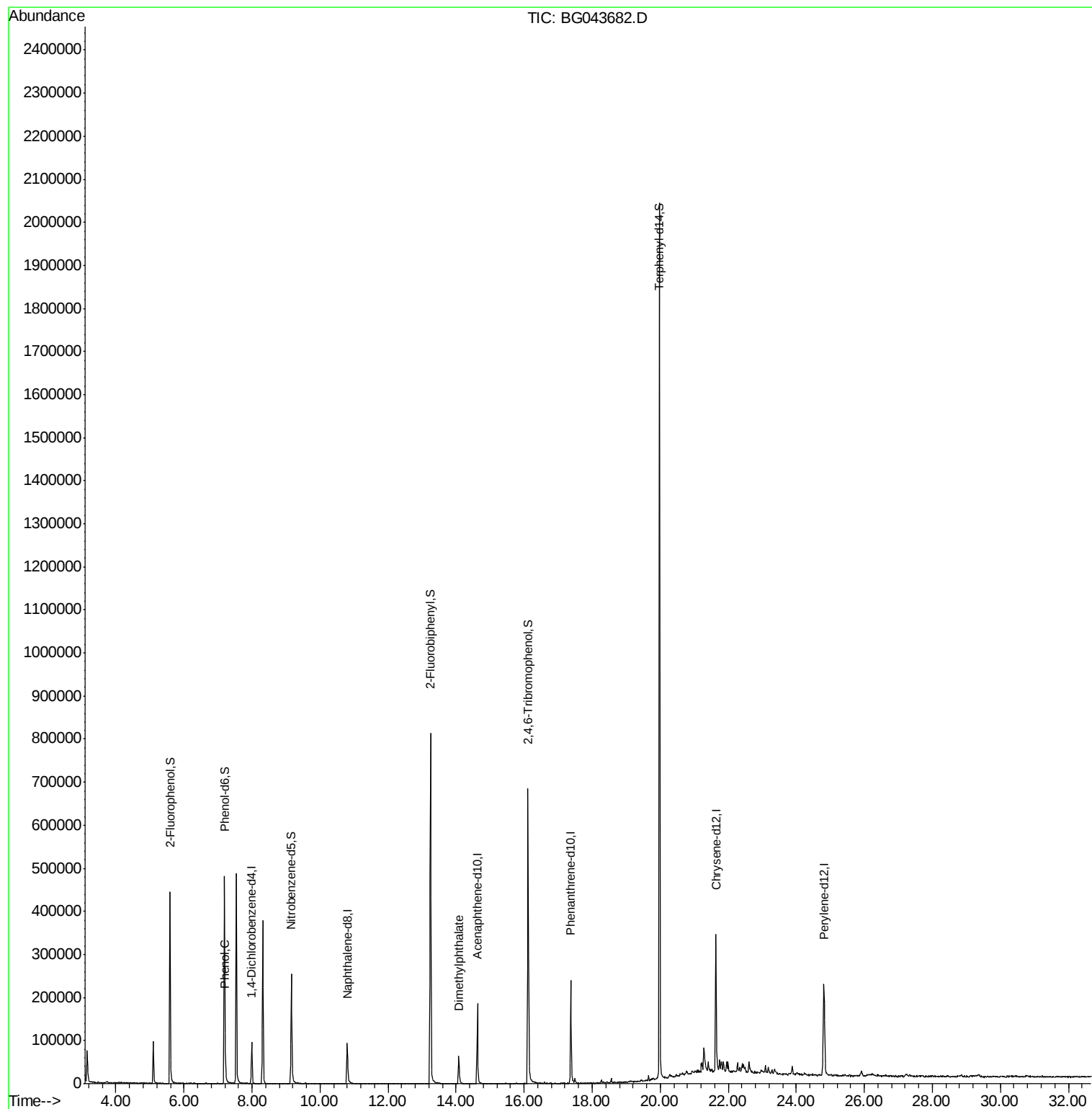
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27733	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	99557	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	74974	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	186816	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	208596	20.00	ng	-0.02
87) Perylene-d12	24.81	264	246889	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	213106	140.81	ng	0.00
7) Phenol-d6	7.19	99	297451	136.60	ng	0.00
23) Nitrobenzene-d5	9.16	82	170822	88.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	185090	129.73	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	491436	90.57	ng	-0.02
79) Terphenyl-d14	19.98	244	1007721	90.63	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	13161	6.614	ng	Qvalue 88
50) Dimethylphthalate	14.08	163	62664	10.791	ng	# 96

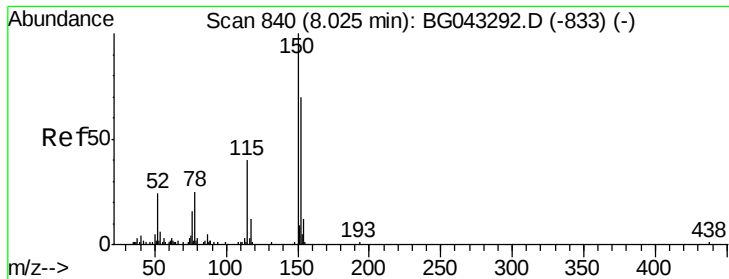
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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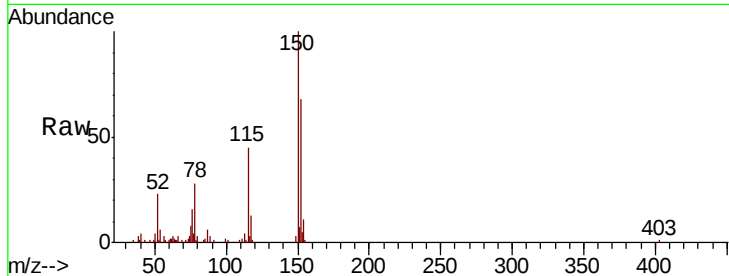


#1

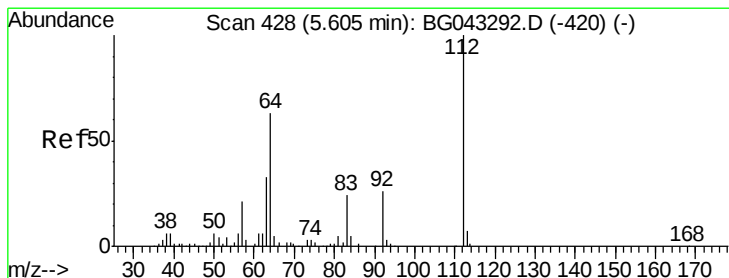
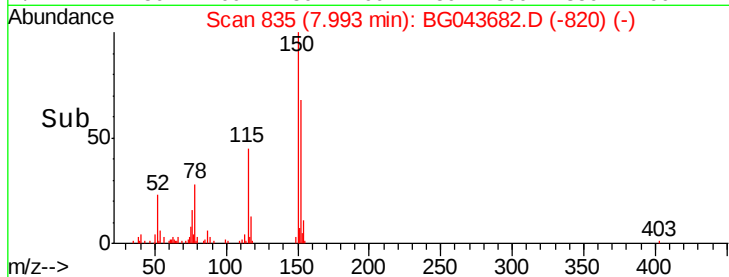
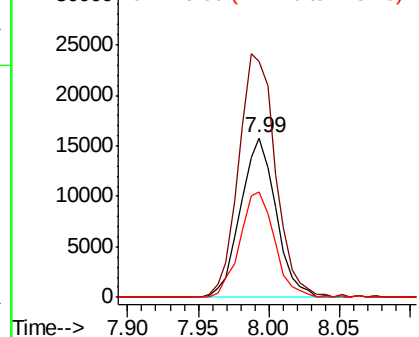
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043682.D
Acq: 18 Nov 2019 20:52

Instrument :
BNA_G
ClientSampleId :
11-(2-4)

Tot Ion:152 Resp: 27733
Ion Ratio Lower Upper
152 100
150 148.0 129.4 194.0
115 66.2 48.8 73.2



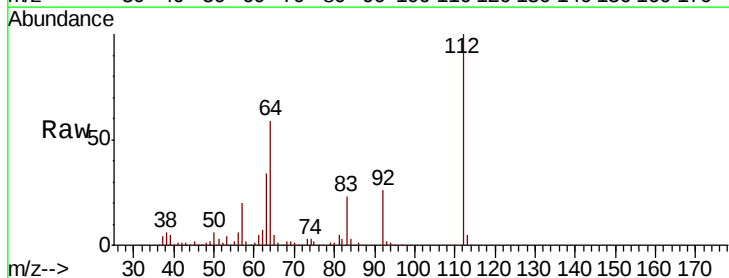
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



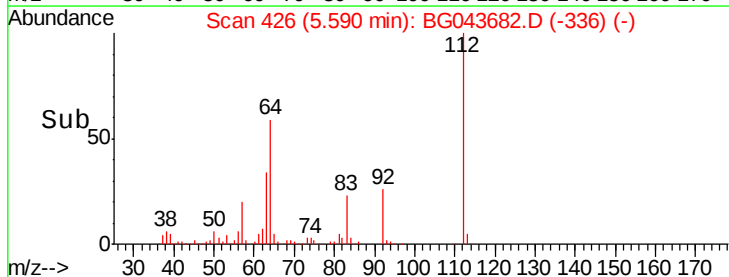
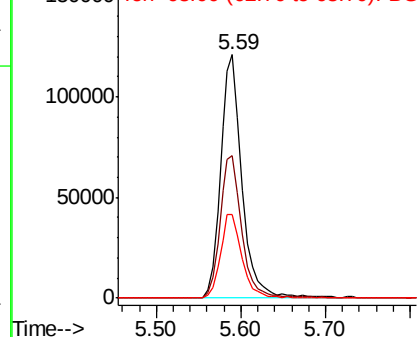
#5

2-Fluorophenol
Concen: 140.809 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043682.D
Acq: 18 Nov 2019 20:52

Tgt Ion:112 Resp: 213106
Ion Ratio Lower Upper
112 100
64 58.6 50.0 75.0
63 34.3 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: 136.603 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

Instrument :

BNA_G

ClientSampleId :

11-(2-4)

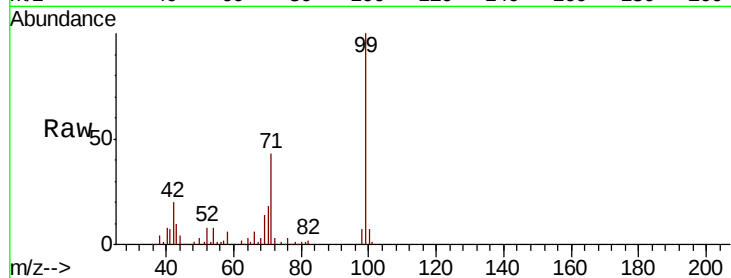
Tot Ion: 99 Resp: 297451

Ion Ratio Lower Upper

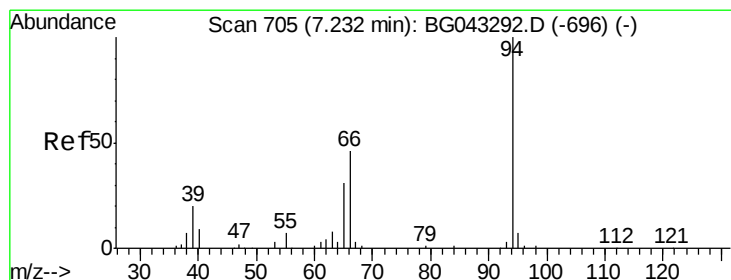
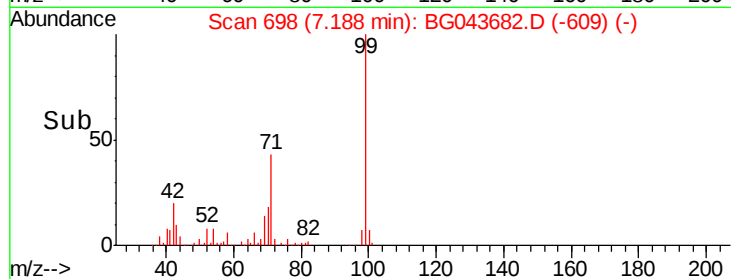
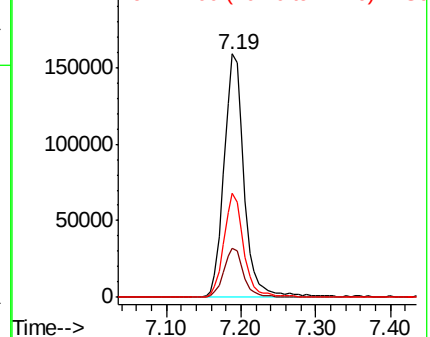
99 100

42 20.3 14.6 21.8

71 42.8 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



#10

Phenol

Concen: 6.614 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

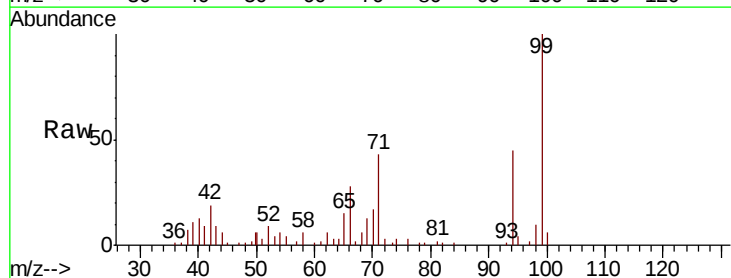
Tgt Ion: 94 Resp: 13161

Ion Ratio Lower Upper

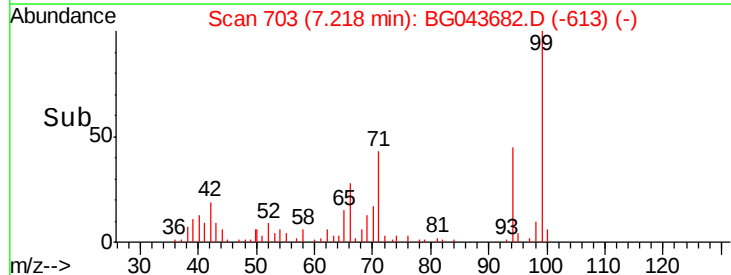
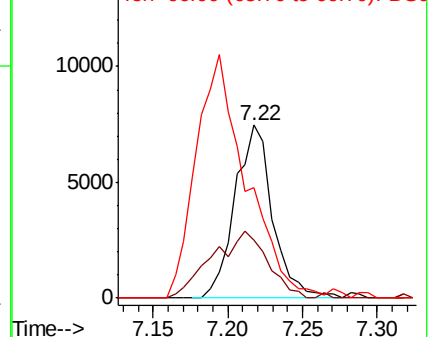
94 100

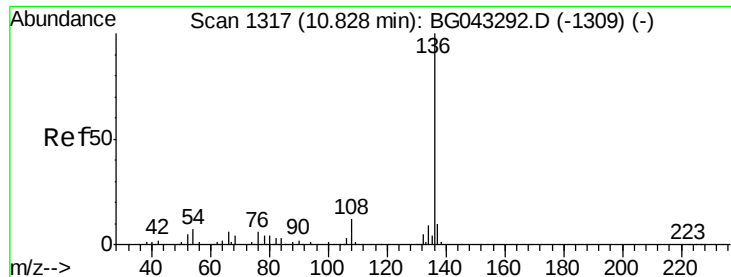
65 33.6 12.6 52.6

66 63.5 30.7 70.7



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

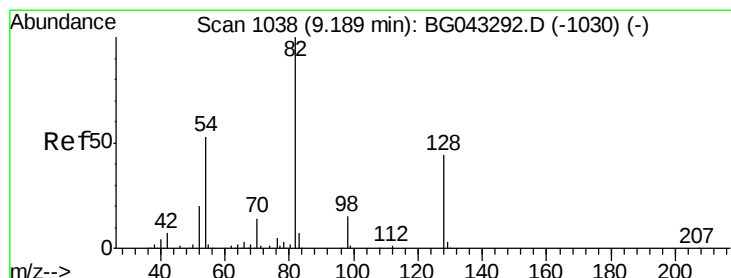
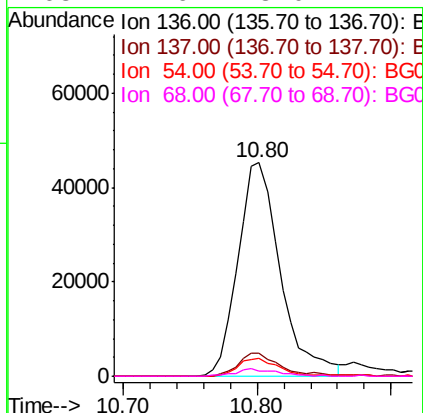
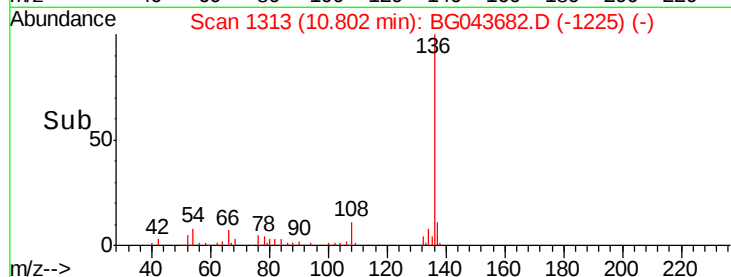
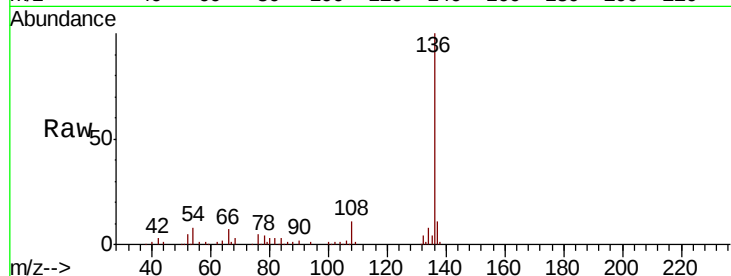




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043682.D
Acq: 18 Nov 2019 20:52

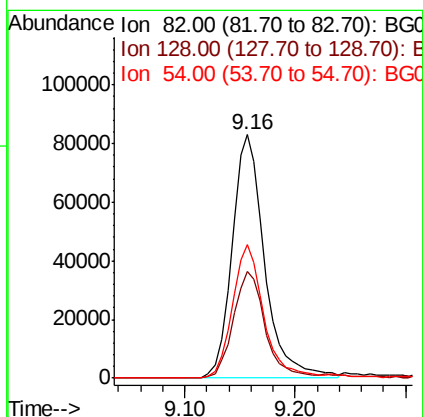
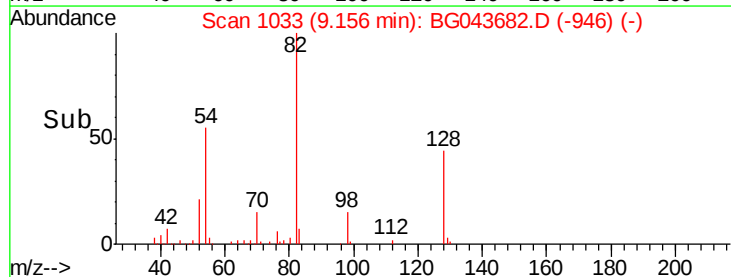
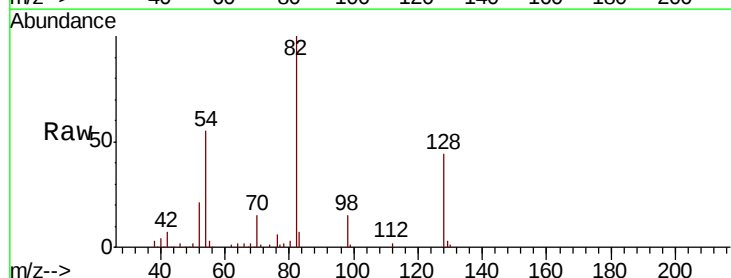
Instrument :
BNA_G
ClientSampleId :
11-(2-4)

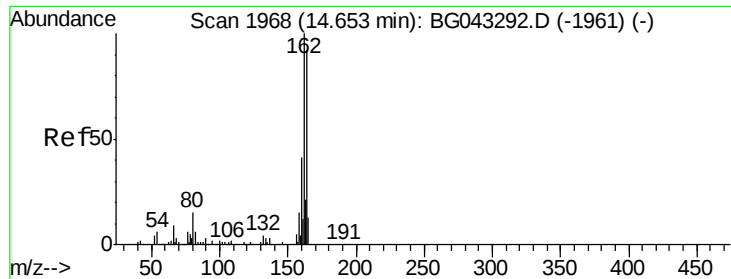
Tot Ion:136	Resp:	99557
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	8.1	5.4 8.2
68	2.6	3.0 4.4#



#23
Nitrobenzene-d5
Concen: 88.458 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043682.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 82	Resp:	170822
Ion Ratio	Lower	Upper
82	100	
128	44.1	35.0 52.6
54	54.7	40.2 60.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

Instrument :

BNA_G

ClientSampleId :

11-(2-4)

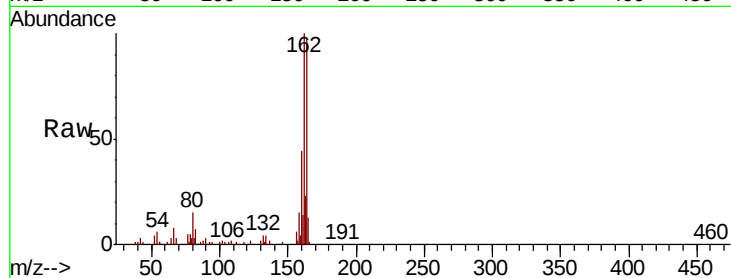
Tot Ion:164 Resp: 74974

Ion Ratio Lower Upper

164 100

162 103.2 83.5 125.3

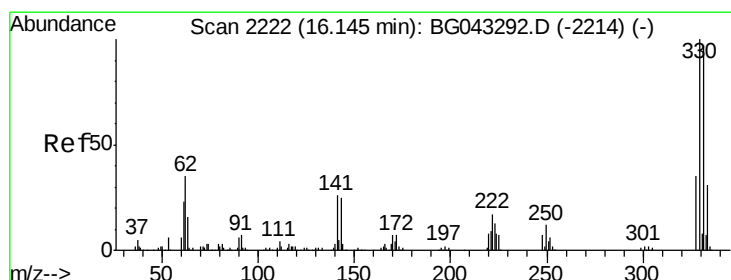
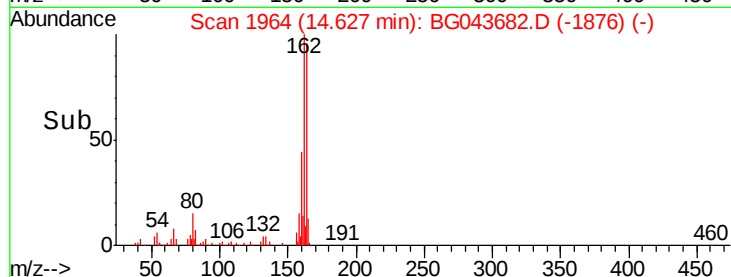
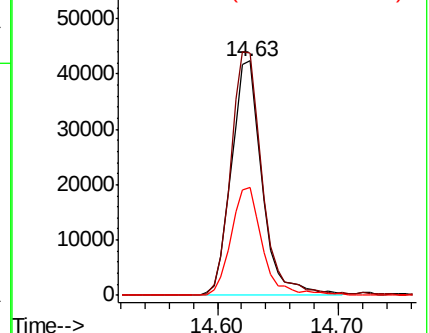
160 45.8 36.5 54.7



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: 129.728 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

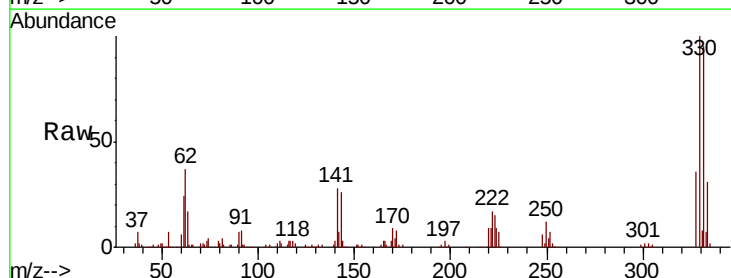
Tgt Ion:330 Resp: 185090

Ion Ratio Lower Upper

330 100

332 94.4 77.4 116.0

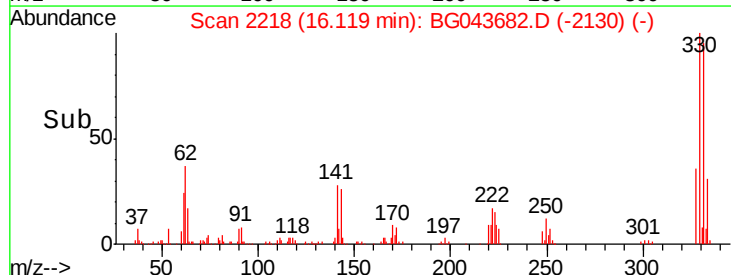
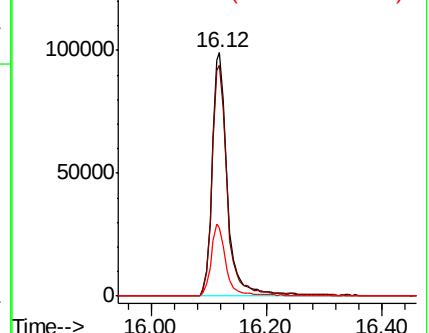
141 28.6 22.8 34.2



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

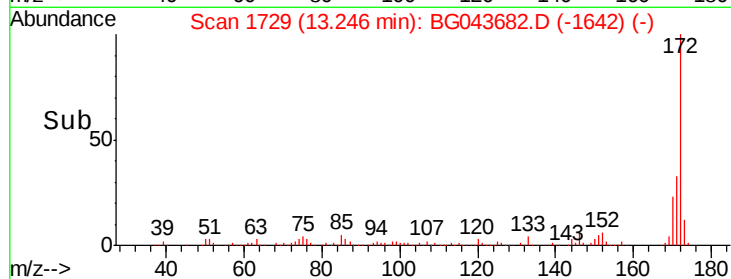
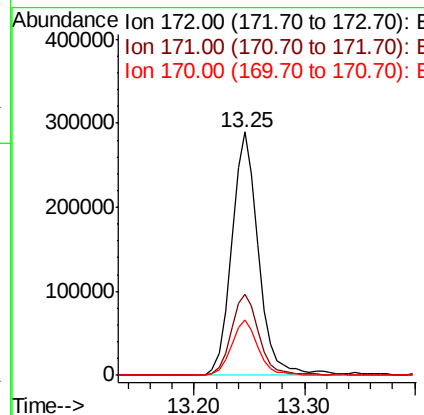
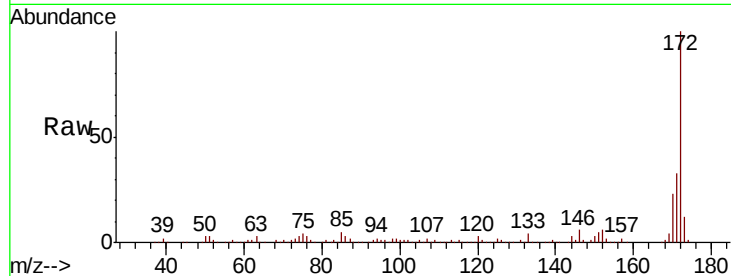




#45
 2-Fluorobiphenyl
 Concen: 90.574 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043682.D
 Acq: 18 Nov 2019 20:52

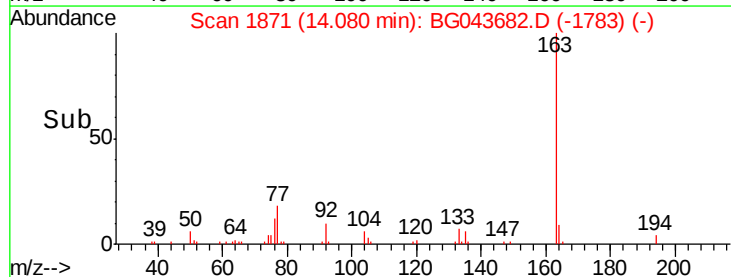
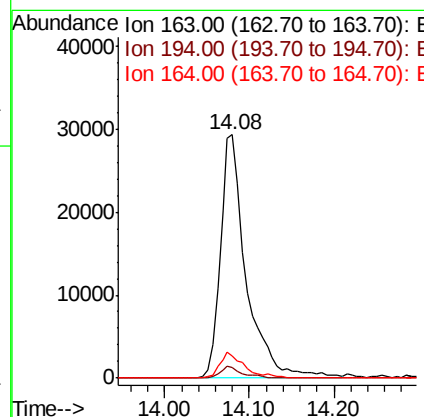
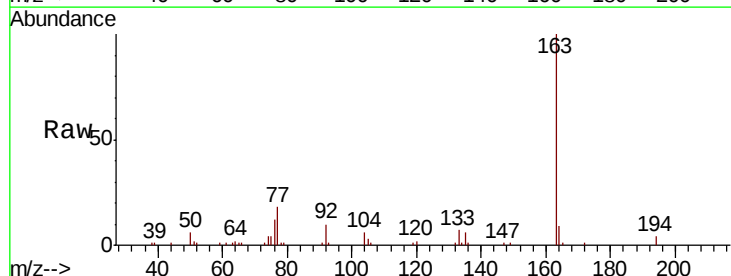
Instrument :
 BNA_G
 ClientSampleId :
 11-(2-4)

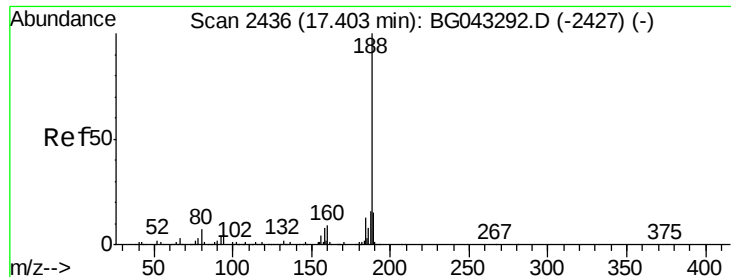
Tot Ion:172	Resp:	491436
Ion	Ratio	Lower Upper
172	100	
171	33.5	28.9 43.3
170	22.5	18.5 27.7



#50
 Dimethylphthalate
 Concen: 10.791 ng
 RT: 14.08 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BG043682.D
 Acq: 18 Nov 2019 20:52

Tgt Ion:163	Resp:	62664
Ion	Ratio	Lower Upper
163	100	
194	4.4	3.8 5.6
164	8.9	8.9 13.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

Instrument :

BNA_G

ClientSampleId :

11-(2-4)

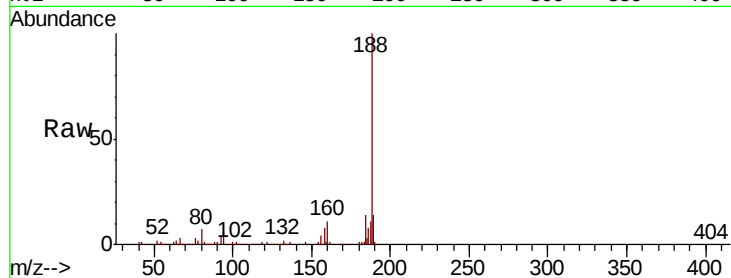
Tot Ion:188 Resp: 186816

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

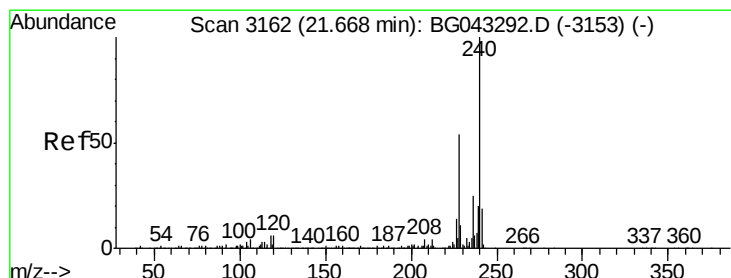
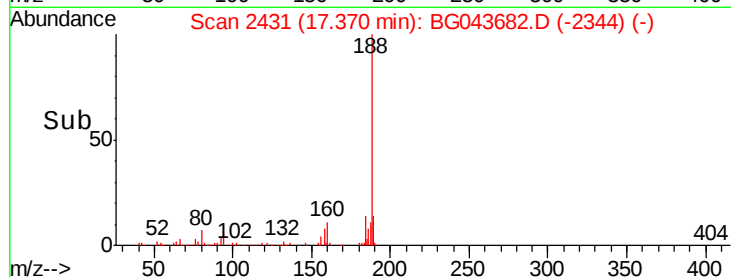
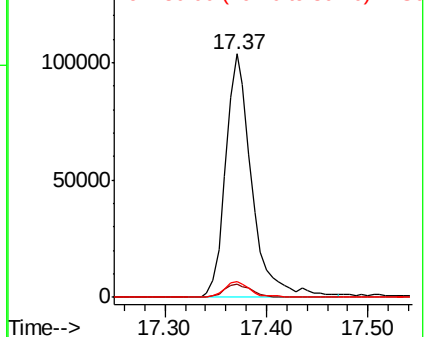
80 6.6 4.5 6.7



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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

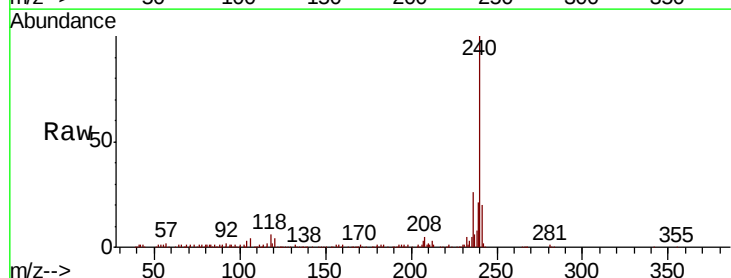
Tgt Ion:240 Resp: 208596

Ion Ratio Lower Upper

240 100

120 4.2 4.6 6.8#

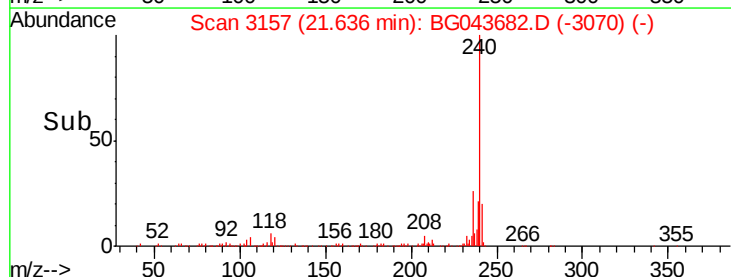
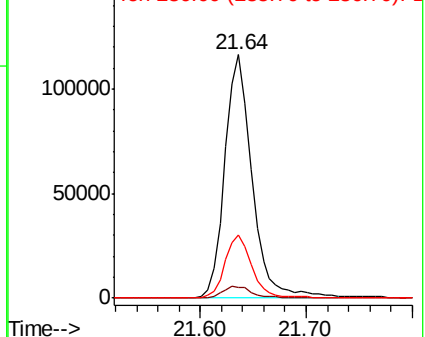
236 26.0 19.8 29.8

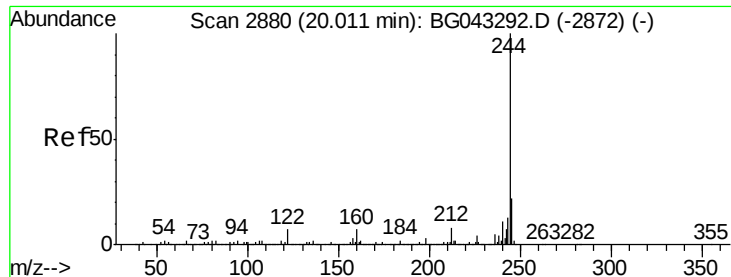


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.632 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

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11-(2-4)

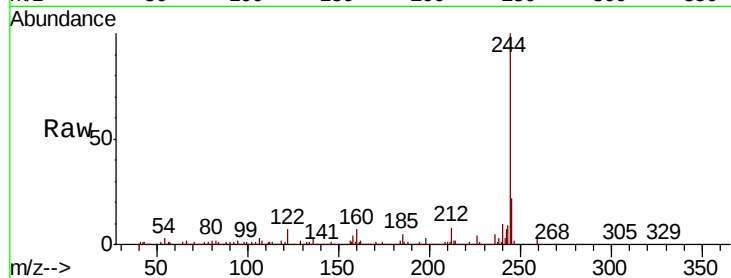
Tot Ion:244 Resp: 1007721

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

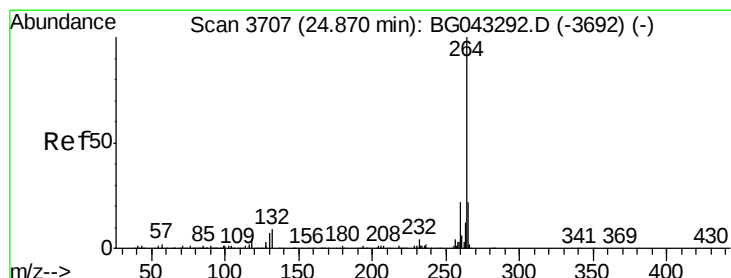
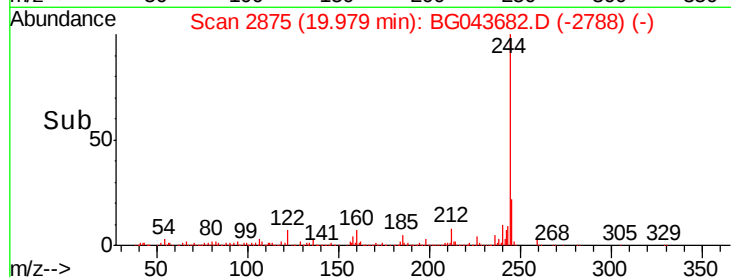
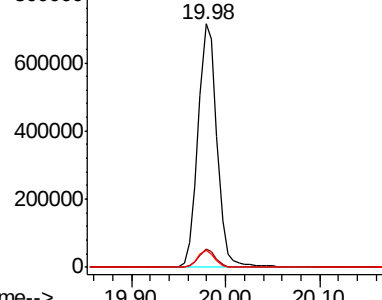
122 7.0 5.4 8.2



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: 24.81 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

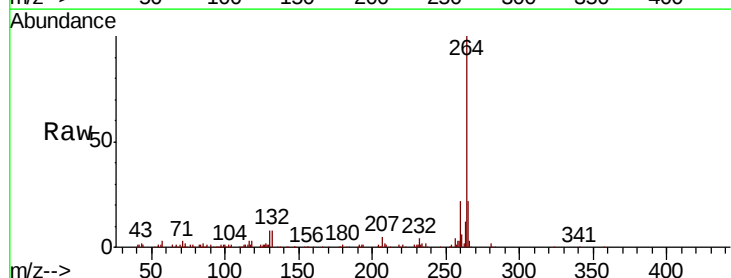
Tgt Ion:264 Resp: 246889

Ion Ratio Lower Upper

264 100

260 21.5 17.5 26.3

265 22.4 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

