

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043450.D
 Acq On : 1 Nov 2019 1:31
 Operator : JU
 Sample : K5602-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190937-FIELD-BLANK

Quant Time: Nov 01 05:31:17 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

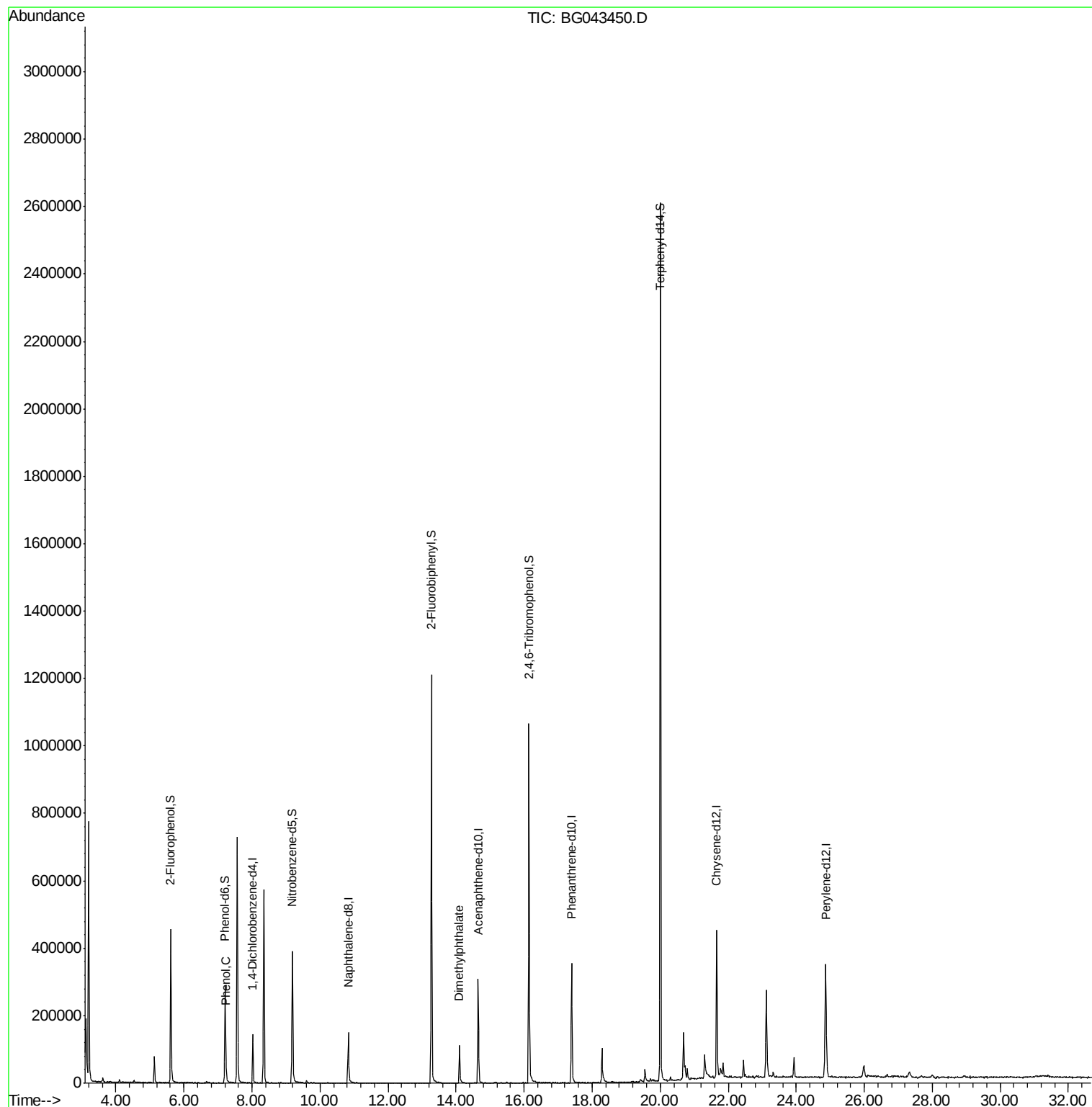
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	44032	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	159132	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	115101	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	266794	20.00	ng	0.00
76) Chrysene-d12	21.66	240	290717	20.00	ng	0.00
87) Perylene-d12	24.87	264	346234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	212085	88.26	ng	0.00
7) Phenol-d6	7.21	99	191202	55.31	ng	0.00
23) Nitrobenzene-d5	9.19	82	259504	84.07	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	267258	122.01	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	727862	87.38	ng	0.00
79) Terphenyl-d14	20.01	244	1427131	92.10	ng	0.00
Target Compounds						
10) Phenol	7.24	94	11769	3.725	ng	Qvalue # 77
50) Dimethylphthalate	14.10	163	92510	10.376	ng	99

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

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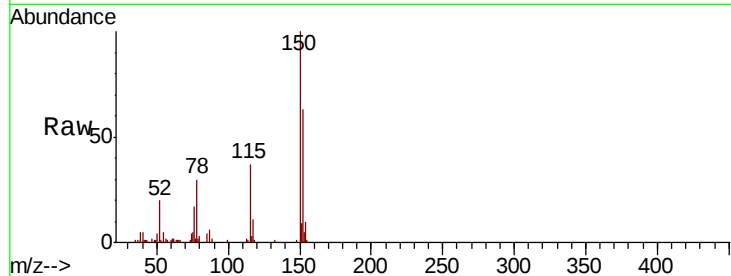


#1

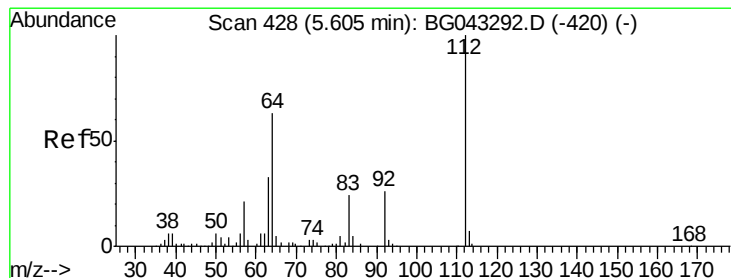
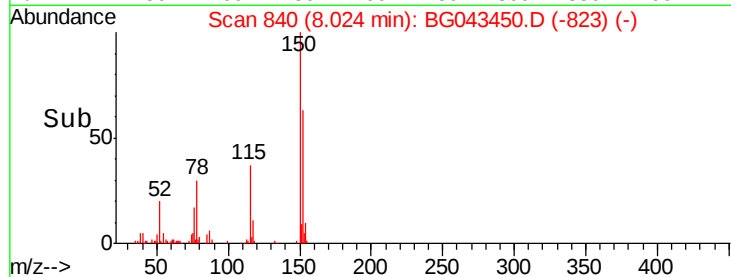
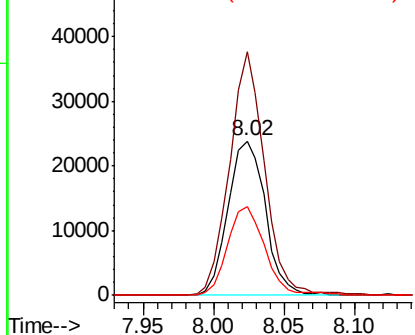
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :
20190937-FIELD-BLANK

Tot Ion:152 Resp: 44032
Ion Ratio Lower Upper
152 100
150 157.7 113.6 170.4
115 57.6 45.9 68.9



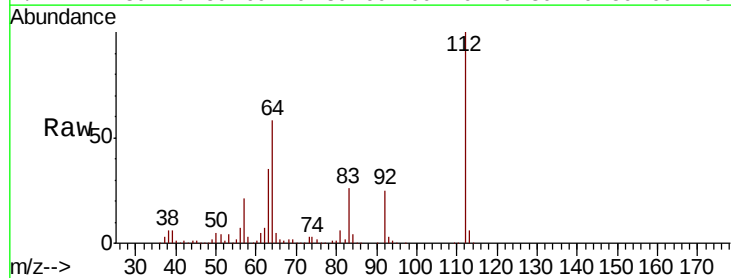
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



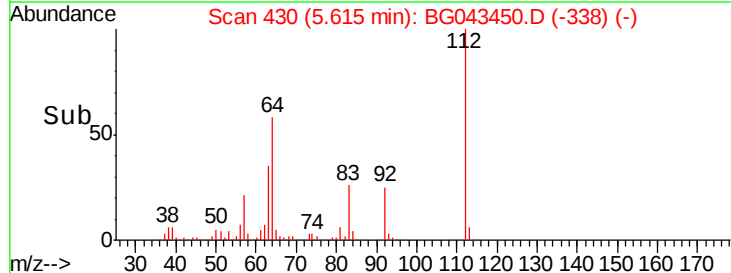
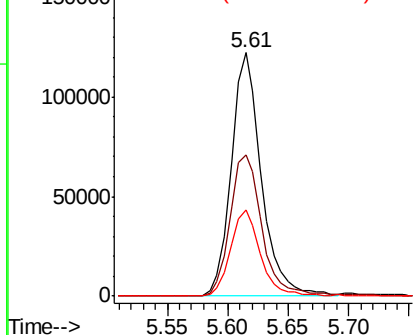
#5

2-Fluorophenol
Concen: 88.262 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion:112 Resp: 212085
Ion Ratio Lower Upper
112 100
64 58.1 50.2 75.2
63 35.4 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 55.305 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043450.D

Acq: 1 Nov 2019 1:31

Instrument :

BNA_G

ClientSampleId :

20190937-FIELD-BLANK

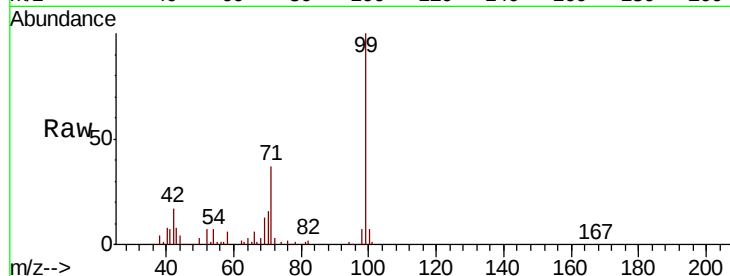
Tot Ion: 99 Resp: 191202

Ion Ratio Lower Upper

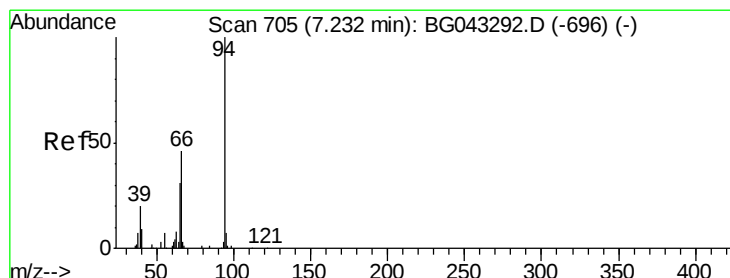
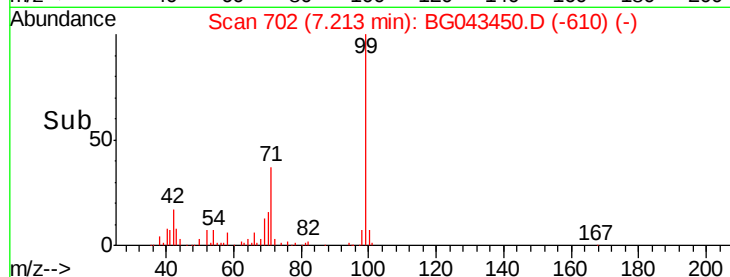
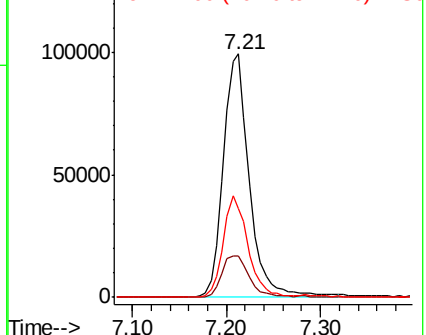
99 100

42 17.0 14.9 22.3

71 36.7 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: 3.725 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043450.D

Acq: 1 Nov 2019 1:31

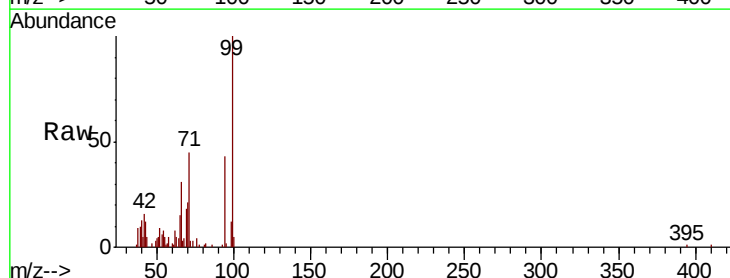
Tgt Ion: 94 Resp: 11769

Ion Ratio Lower Upper

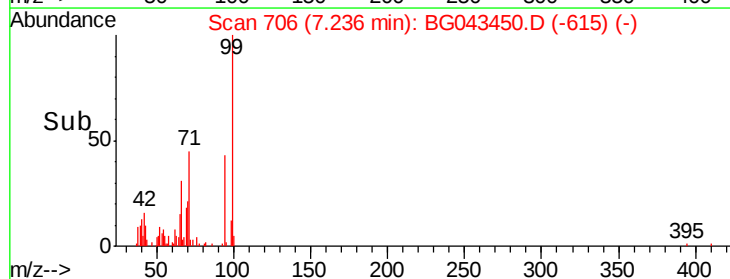
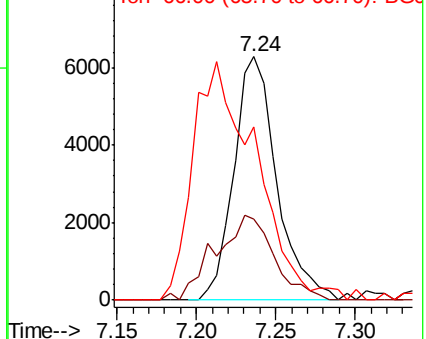
94 100

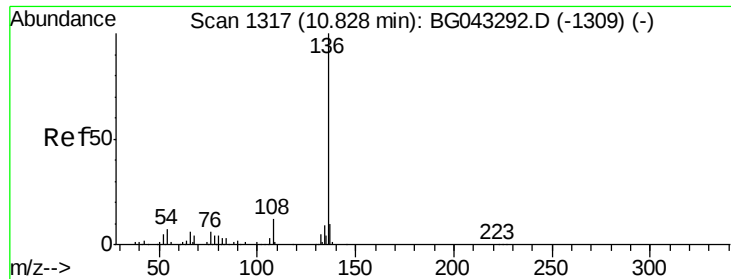
65 33.5 11.1 51.1

66 71.2 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

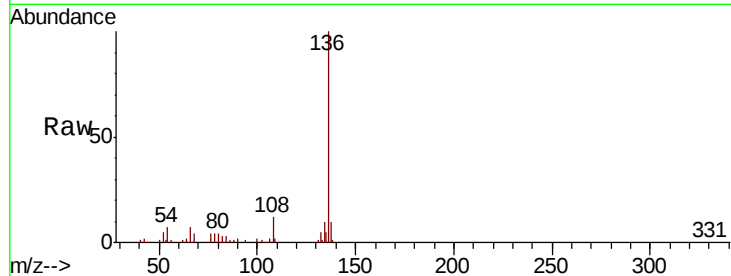




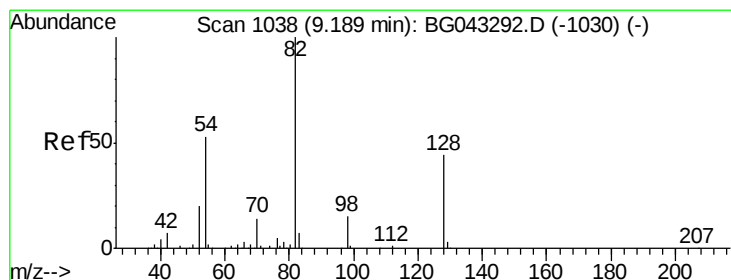
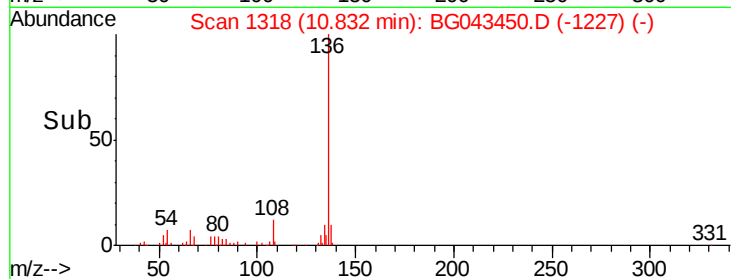
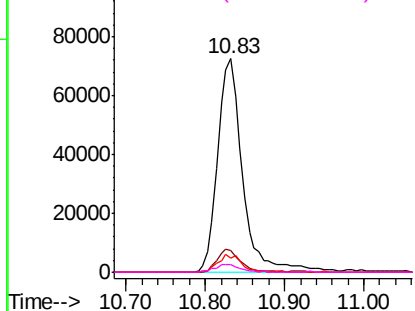
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :
20190937-FIELD-BLANK

Tot Ion:	136	Resp:	159132
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.2	12.2
54	6.6	5.4	8.2
68	3.8	3.3	4.9

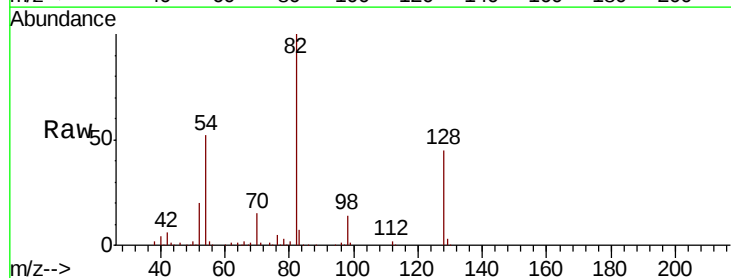


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

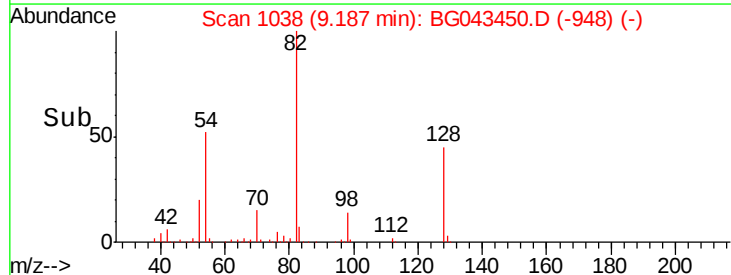
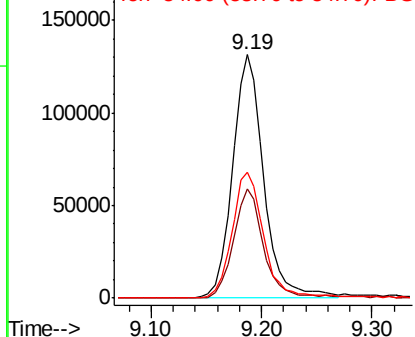


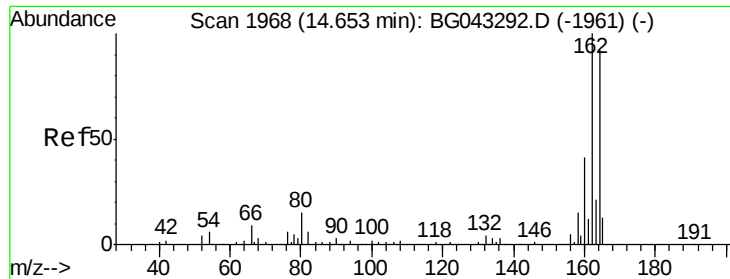
#23
Nitrobenzene-d5
Concen: 84.072 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion:	82	Resp:	259504
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	51.6	42.3	63.5



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043450.D

Acq: 1 Nov 2019 1:31

Instrument :

BNA_G

ClientSampleId :

20190937-FIELD-BLANK

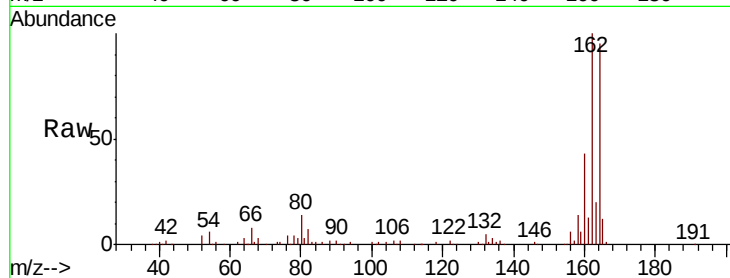
Tot Ion:164 Resp: 115101

Ion Ratio Lower Upper

164 100

162 105.5 87.0 130.4

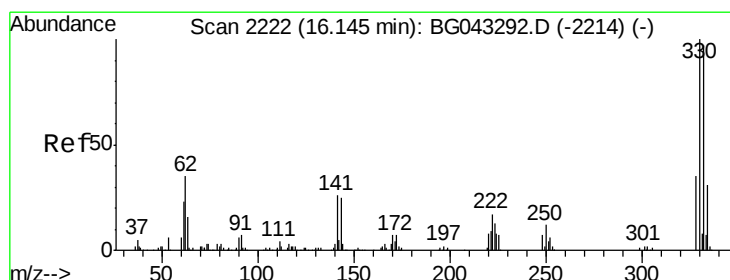
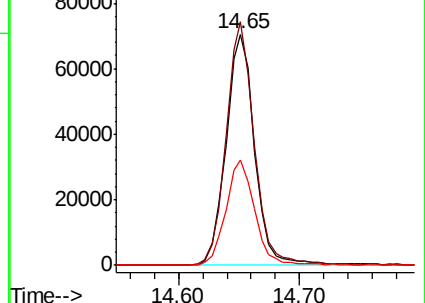
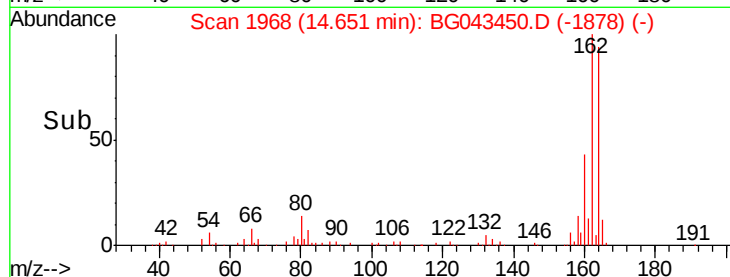
160 45.6 35.5 53.3



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: 122.015 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043450.D

Acq: 1 Nov 2019 1:31

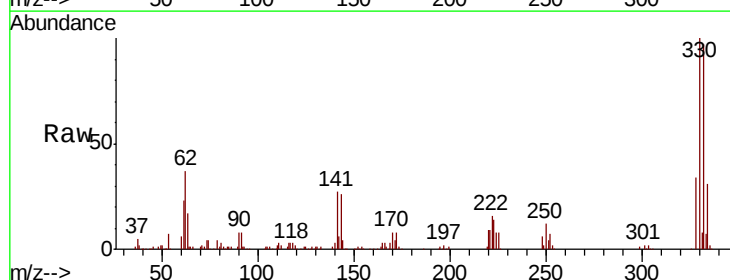
Tgt Ion:330 Resp: 267258

Ion Ratio Lower Upper

330 100

332 96.7 76.4 114.6

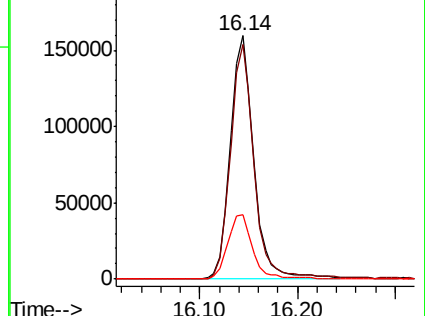
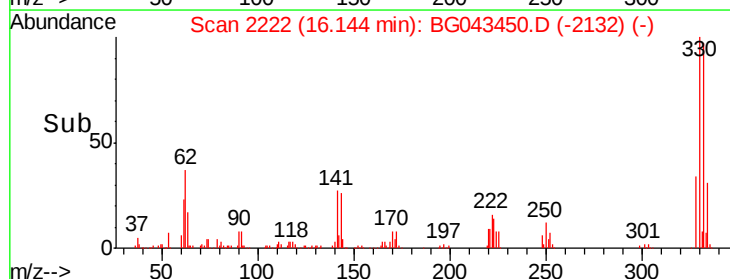
141 27.5 21.4 32.0



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

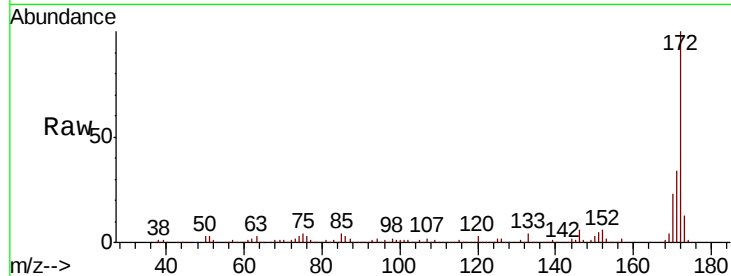




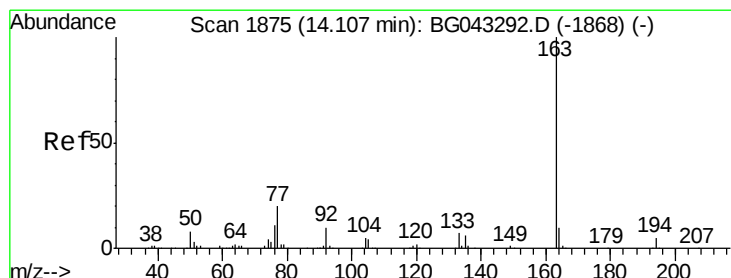
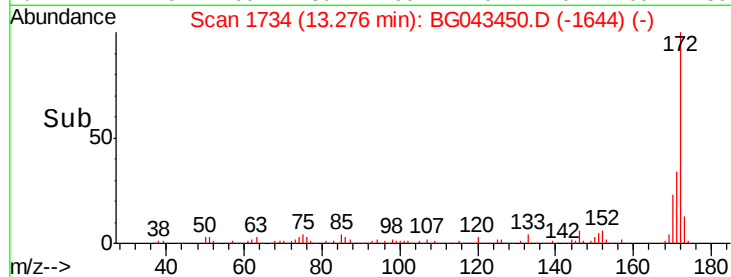
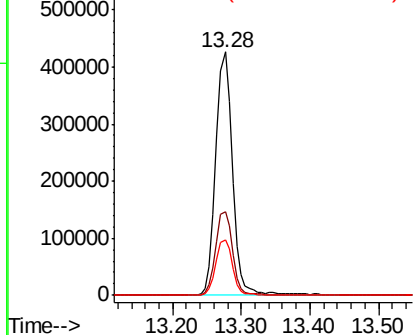
#45
2-Fluorobiphenyl
Concen: 87.381 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :
20190937-FIELD-BLANK

Tot Ion:172 Resp: 727862
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.8 18.8 28.2

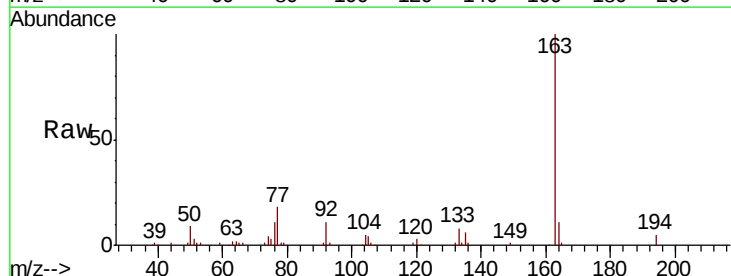


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

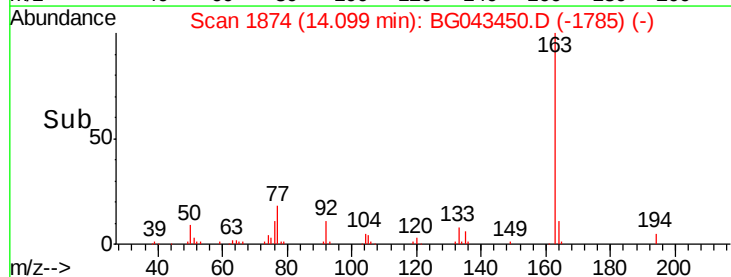
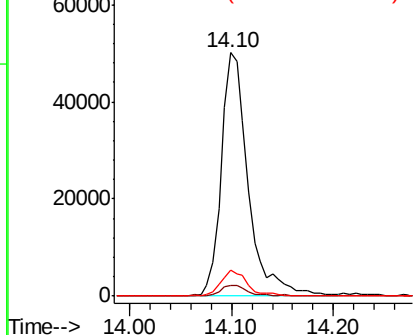


#50
Dimethylphthalate
Concen: 10.376 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion:163 Resp: 92510
Ion Ratio Lower Upper
163 100
194 4.6 3.7 5.5
164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043450.D

Acq: 1 Nov 2019 1:31

Instrument :

BNA_G

ClientSampleId :

20190937-FIELD-BLANK

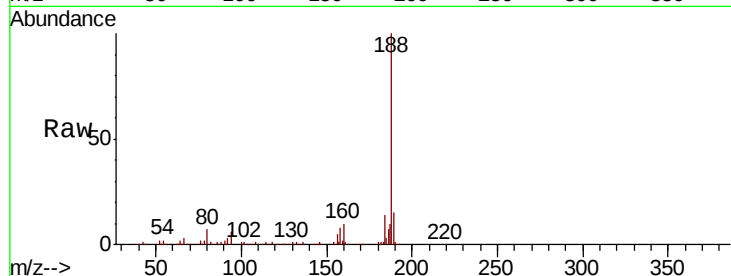
Tot Ion:188 Resp: 266794

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.2

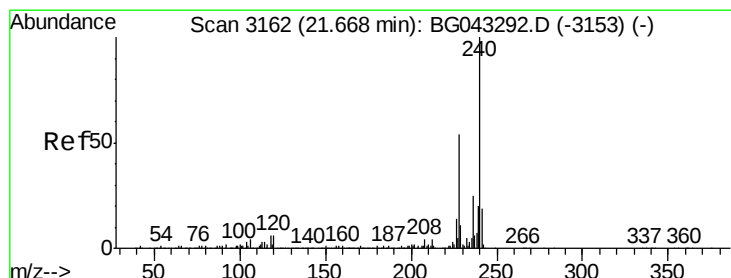
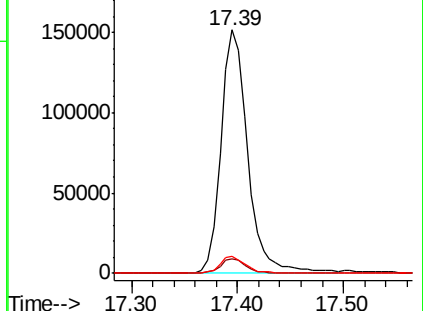
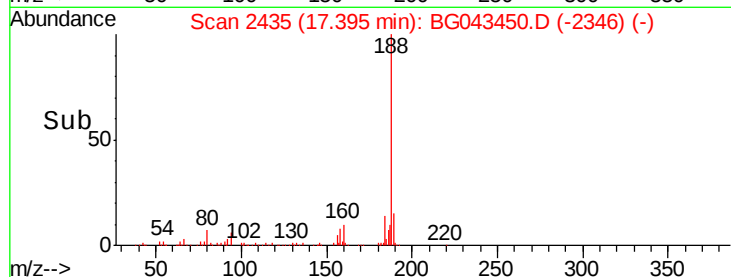
80 6.8 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043450.D

Acq: 1 Nov 2019 1:31

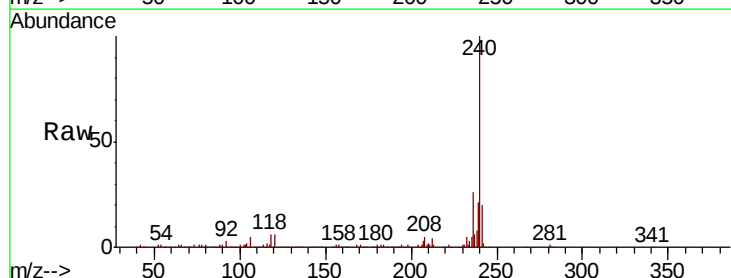
Tgt Ion:240 Resp: 290717

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

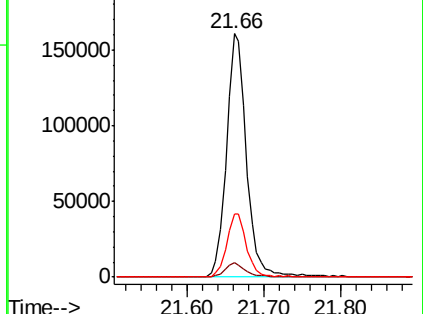
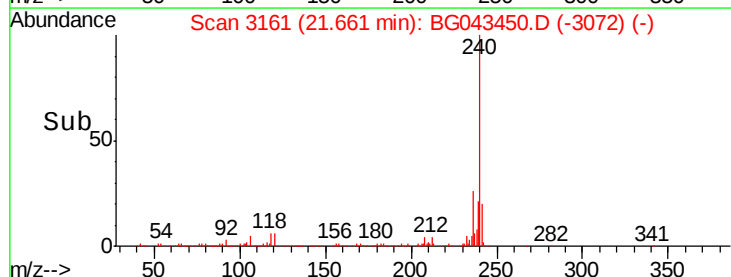
236 26.1 20.2 30.4

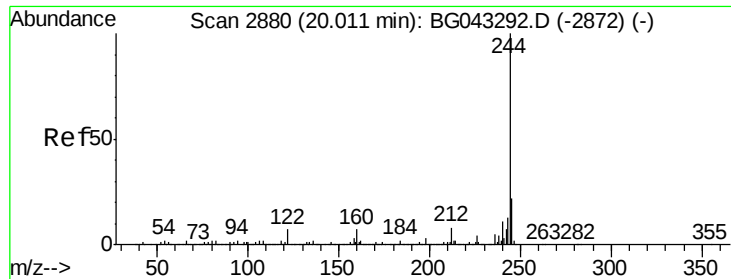


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.096 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043450.D

Acq: 1 Nov 2019 1:31

Instrument :

BNA_G

ClientSampleId :

20190937-FIELD-BLANK

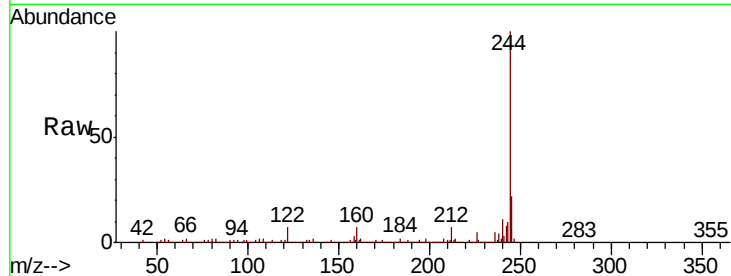
Tot Ion:244 Resp: 1427131

Ion Ratio Lower Upper

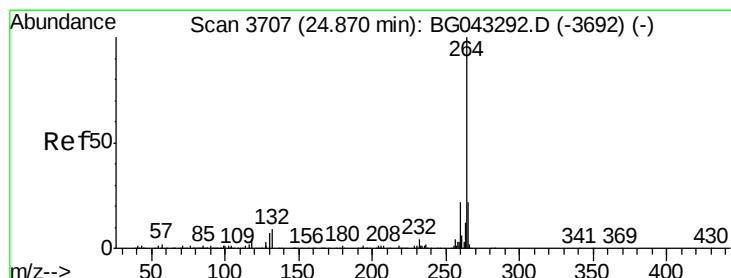
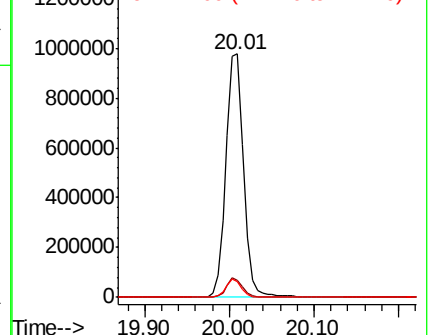
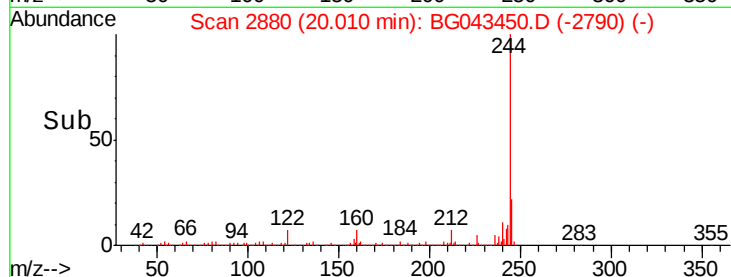
244 100

212 7.2 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: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG043450.D

Acq: 1 Nov 2019 1:31

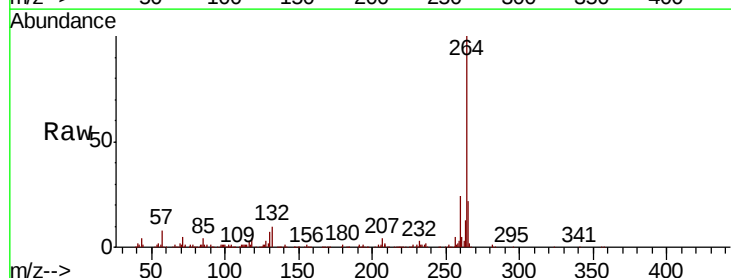
Tgt Ion:264 Resp: 346234

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 22.3 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

