

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043442.D
 Acq On : 31 Oct 2019 20:20
 Operator : JU
 Sample : K5615-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3465

Quant Time: Nov 01 05:19:12 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

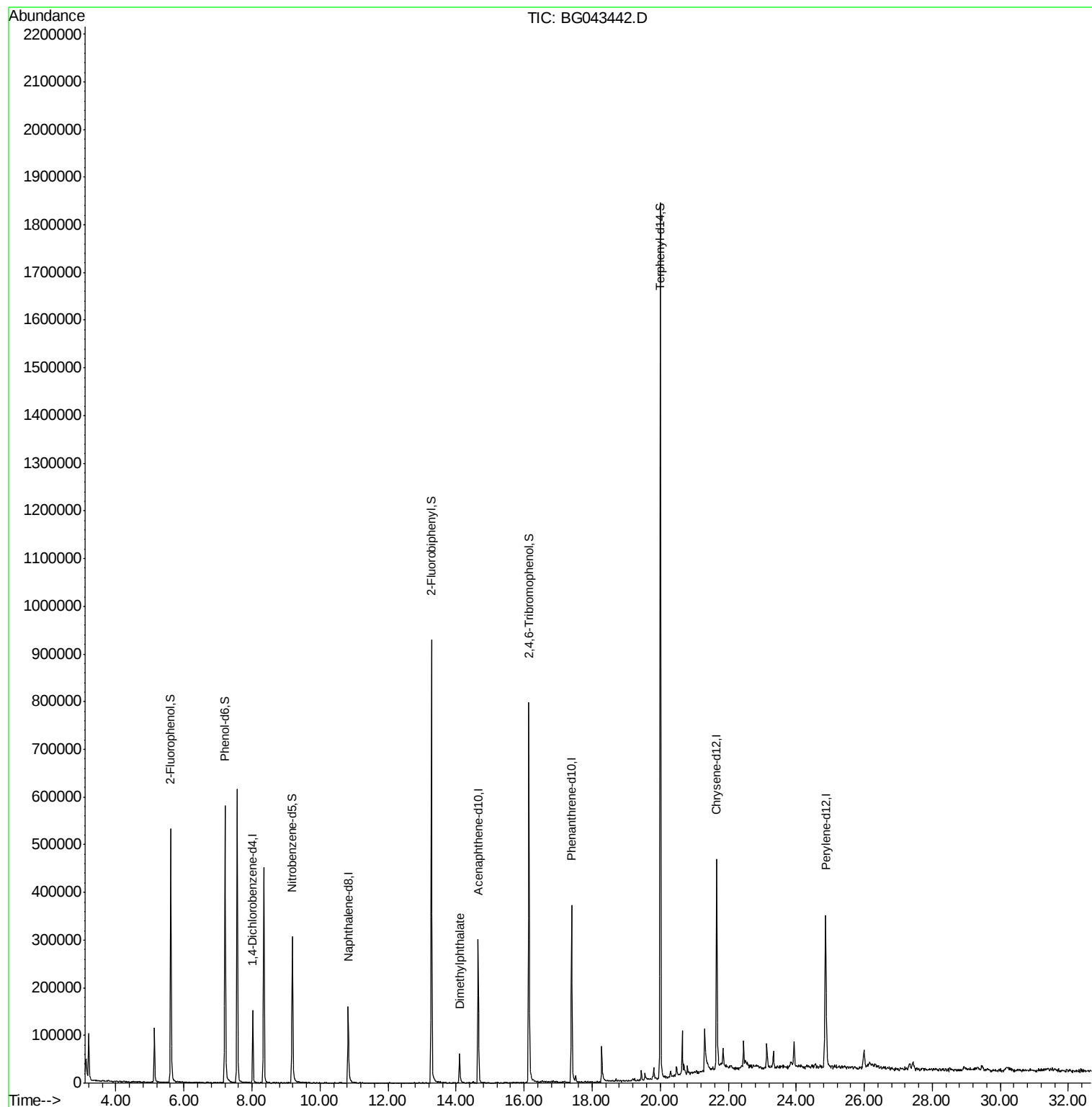
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	45744	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	167455	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	116258	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	266182	20.00	ng	0.00
76) Chrysene-d12	21.66	240	287648	20.00	ng	0.00
87) Perylene-d12	24.86	264	343705	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	260986	104.55	ng	0.00
7) Phenol-d6	7.21	99	365360	101.73	ng	0.00
23) Nitrobenzene-d5	9.19	82	219515	67.58	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	202995	91.75	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	563997	67.03	ng	0.00
79) Terphenyl-d14	20.00	244	1005000	65.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	54170	6.016	ng	Qvalue 99

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

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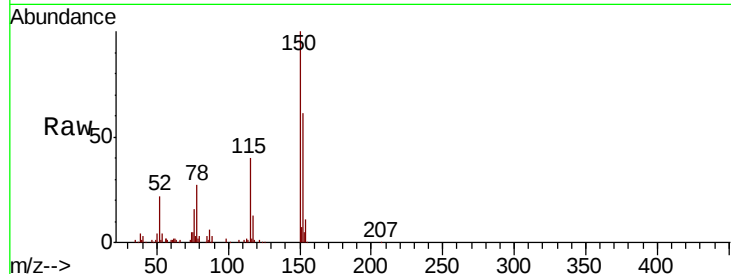


#1

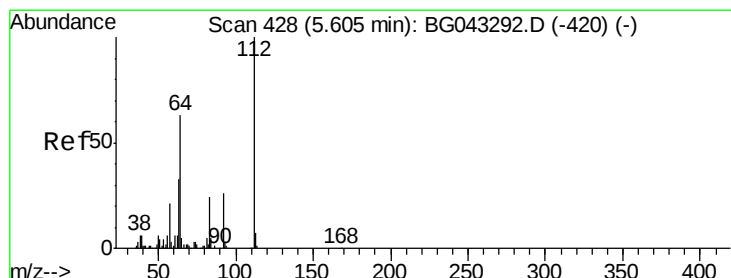
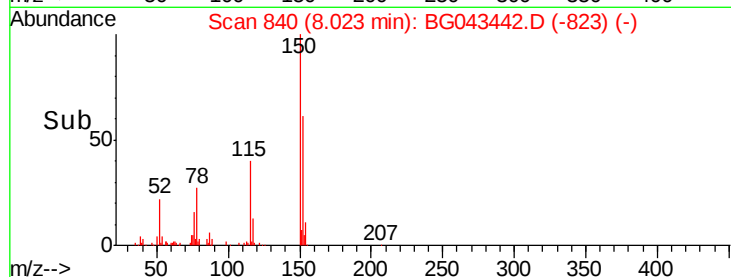
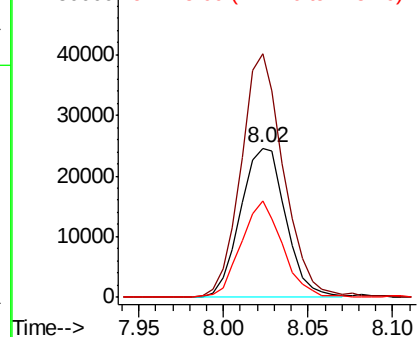
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043442.D
Acq: 31 Oct 2019 20:20

Instrument :
BNA_G
ClientSampled :
3465

Tot Ion:152 Resp: 45744
Ion Ratio Lower Upper
152 100
150 163.0 113.6 170.4
115 64.7 45.9 68.9



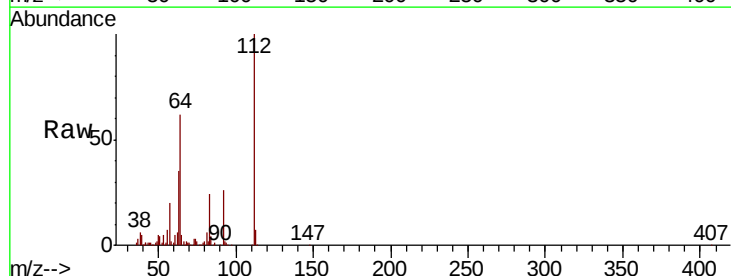
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



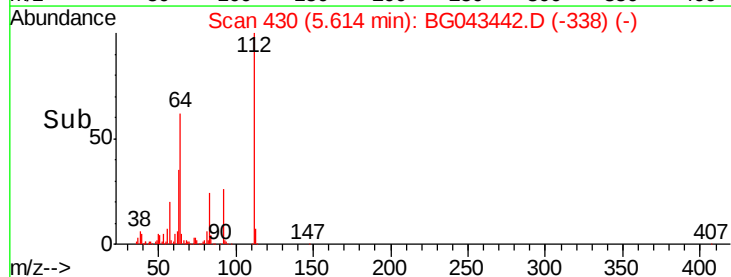
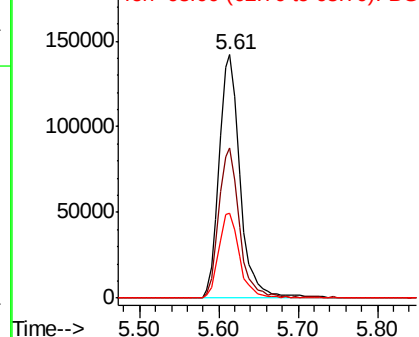
#5

2-Fluorophenol
Concen: 104.548 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043442.D
Acq: 31 Oct 2019 20:20

Tgt Ion:112 Resp: 260986
Ion Ratio Lower Upper
112 100
64 61.7 50.2 75.2
63 34.9 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: 101.725 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043442.D

Acq: 31 Oct 2019 20:20

Instrument :

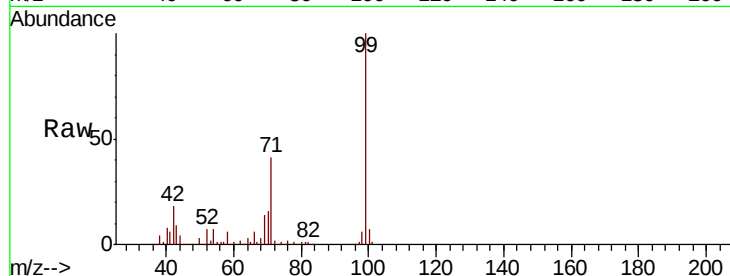
BNA_G

ClientSampleId :

3465

Tot Ion: 99 Resp: 365360

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.9	22.3
71	40.9	32.2	48.2

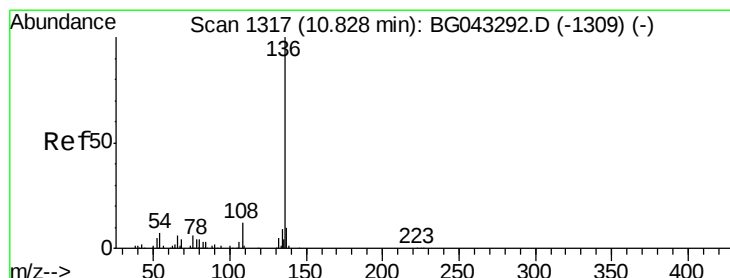
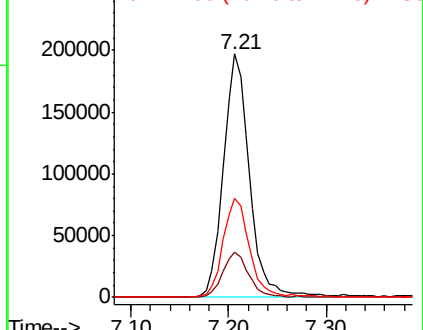
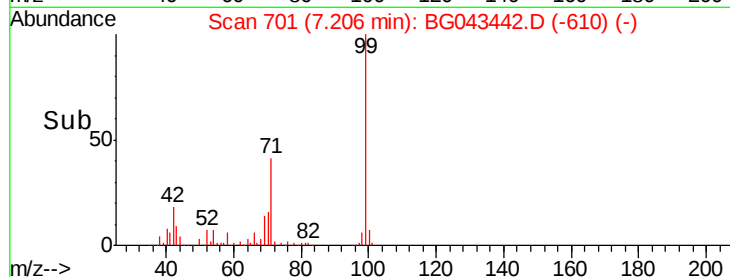


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

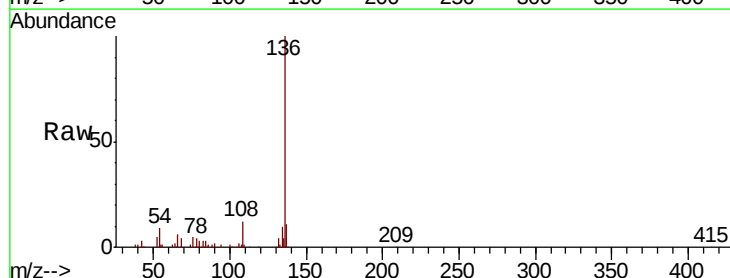
Delta R.T. -0.00 min

Lab File: BG043442.D

Acq: 31 Oct 2019 20:20

Tgt Ion: 136 Resp: 167455

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.2
54	8.6	5.4	8.2#
68	3.6	3.3	4.9



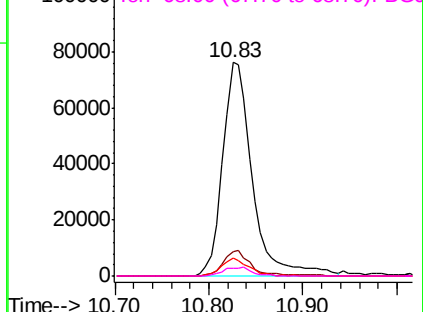
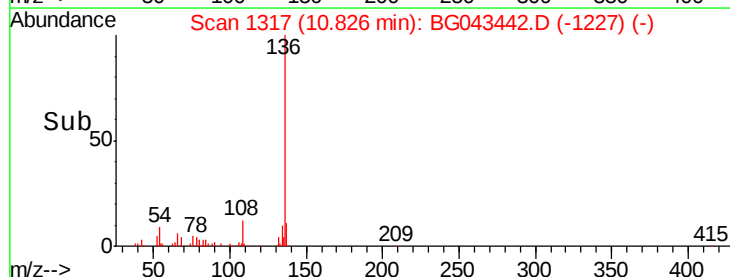
Abundance

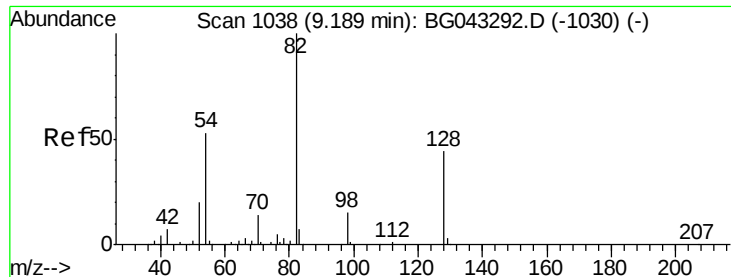
Ion 136.00 (135.70 to 136.70): BGC

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: 67.582 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043442.D

Acq: 31 Oct 2019 20:20

Instrument :

BNA_G

ClientSampled :

3465

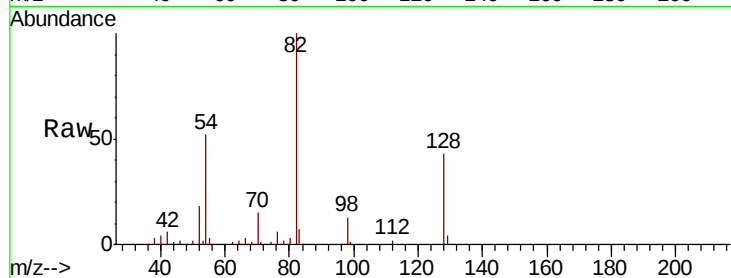
Tot Ion: 82 Resp: 219515

Ion Ratio Lower Upper

82 100

128 43.4 35.3 52.9

54 51.6 42.3 63.5

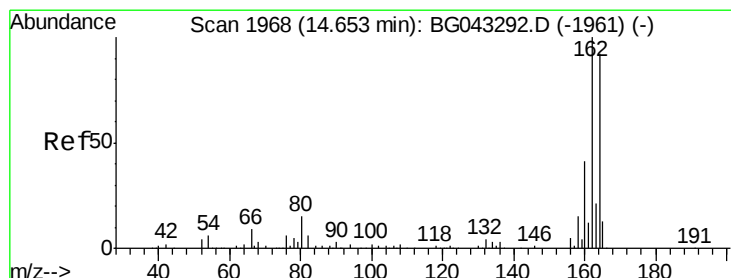
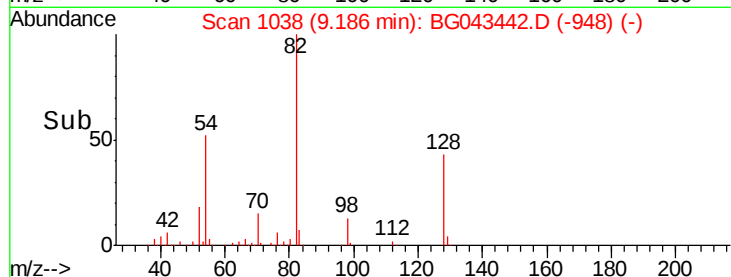
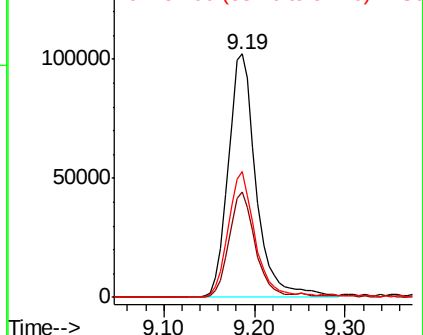


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

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: BG043442.D

Acq: 31 Oct 2019 20:20

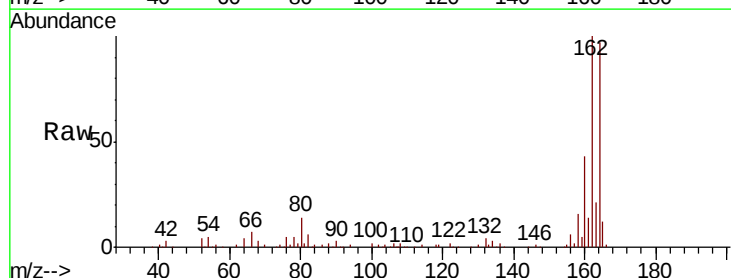
Tgt Ion:164 Resp: 116258

Ion Ratio Lower Upper

164 100

162 103.1 87.0 130.4

160 44.2 35.5 53.3

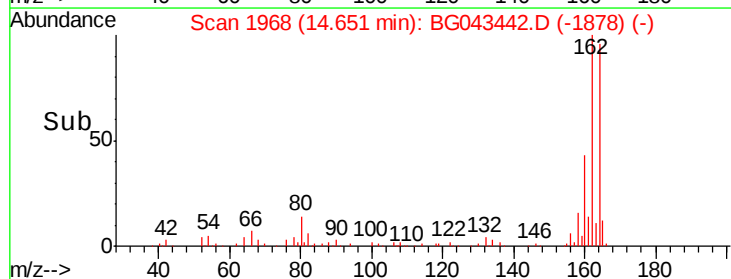
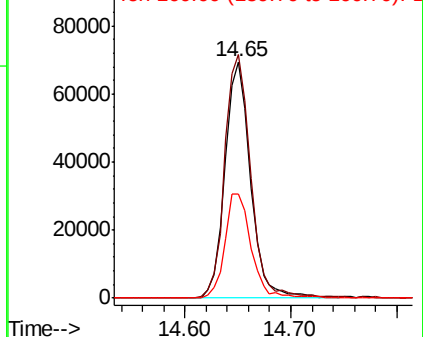


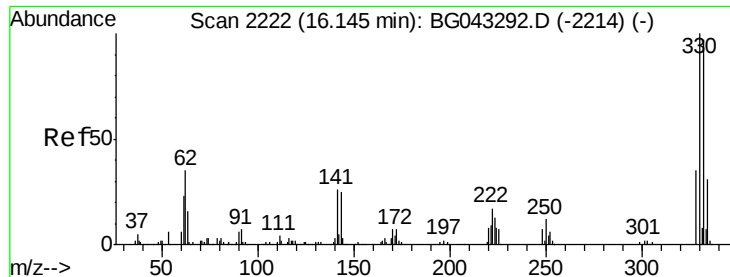
Abundance

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

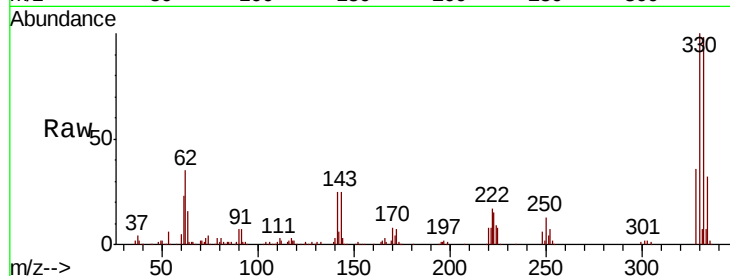




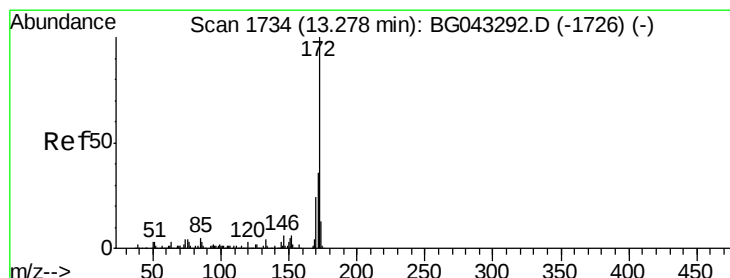
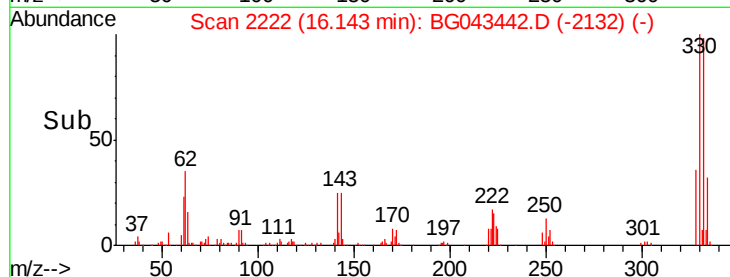
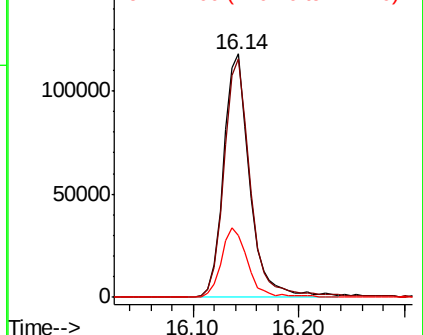
#42
 2,4,6-Tribromophenol
 Concen: 91.754 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043442.D
 Acq: 31 Oct 2019 20:20

Instrument :
 BNA_G
 ClientSampleId :
 3465

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.4	114.6
141	28.9	21.4	32.0

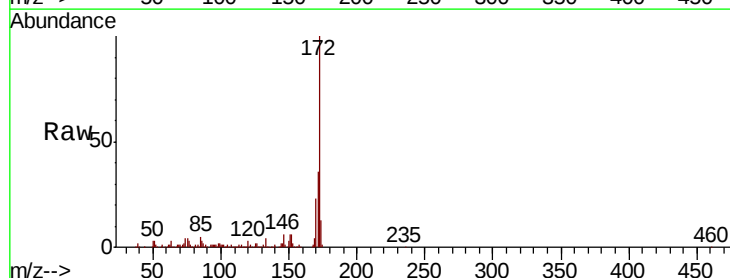


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

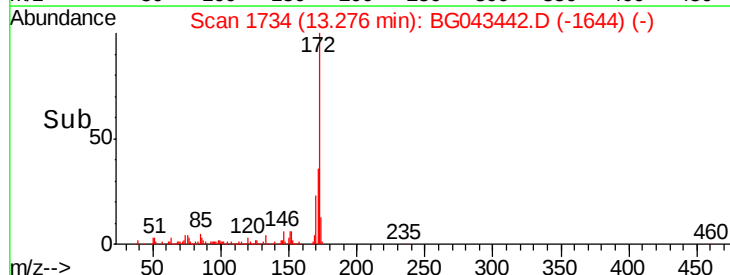
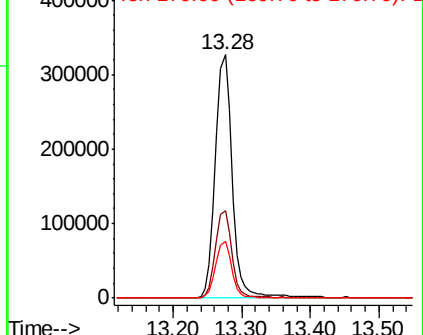


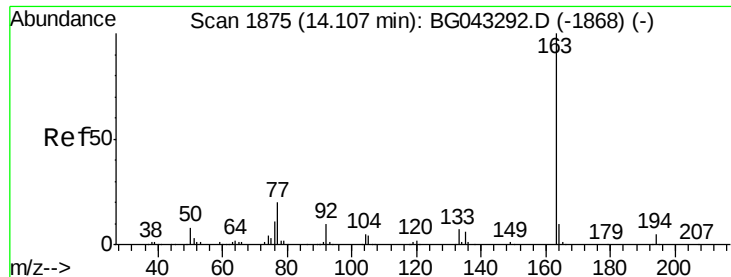
#45
 2-Fluorobiphenyl
 Concen: 67.035 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043442.D
 Acq: 31 Oct 2019 20:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.1	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: 6.016 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043442.D

Acq: 31 Oct 2019 20:20

Instrument :

BNA_G

ClientSampleId :

3465

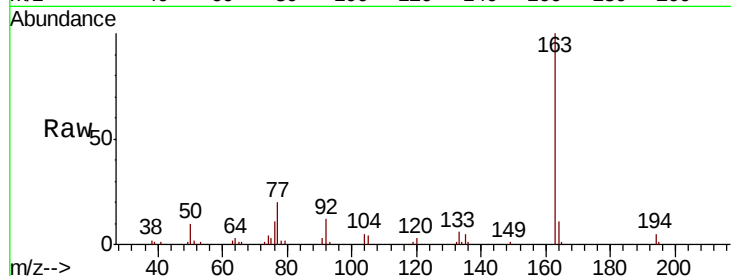
Tot Ion:163 Resp: 54170

Ion Ratio Lower Upper

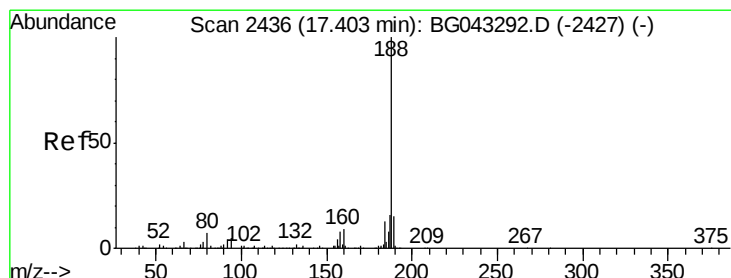
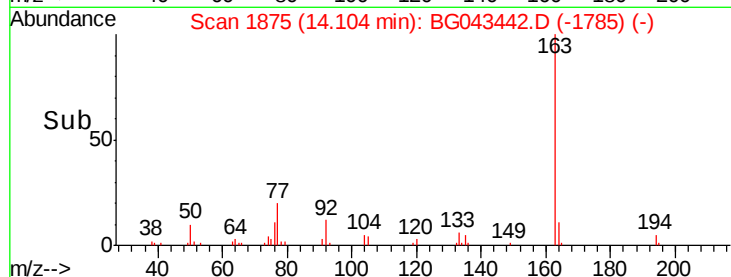
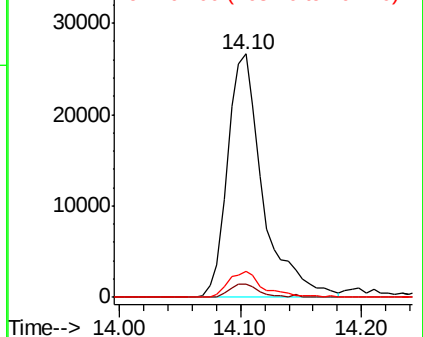
163 100

194 5.3 3.7 5.5

164 10.5 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: BG043442.D

Acq: 31 Oct 2019 20:20

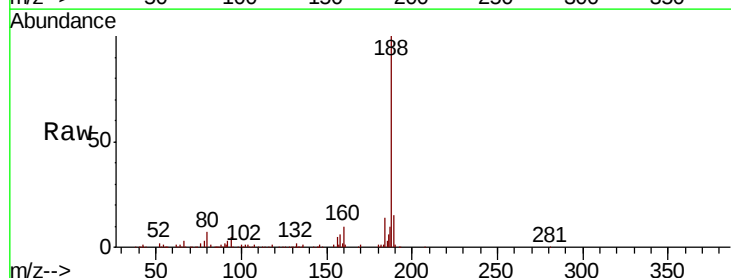
Tgt Ion:188 Resp: 266182

Ion Ratio Lower Upper

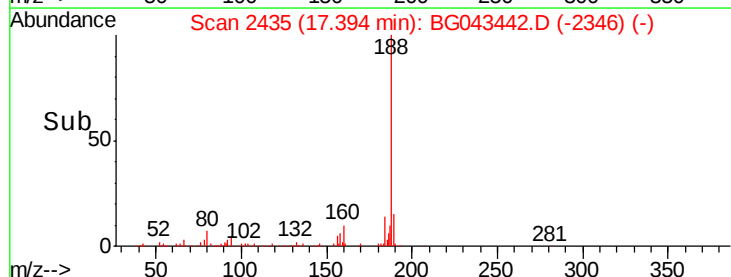
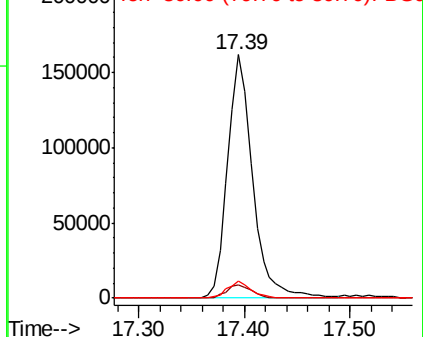
188 100

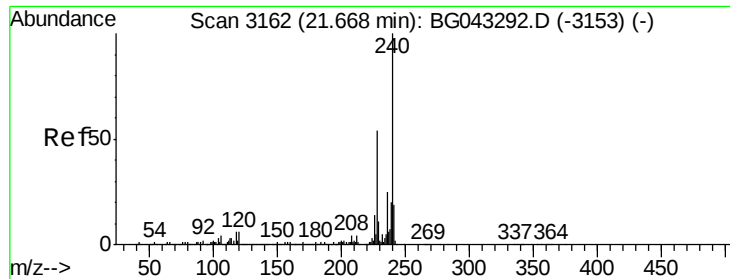
94 5.5 4.2 6.2

80 7.0 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

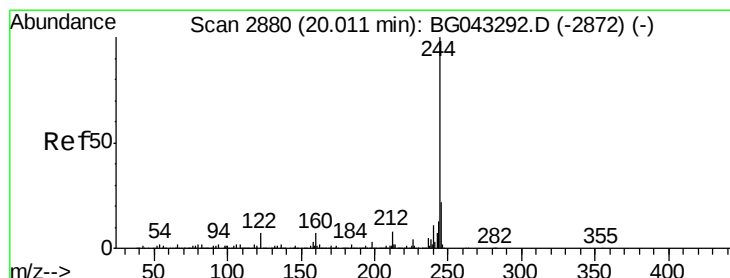
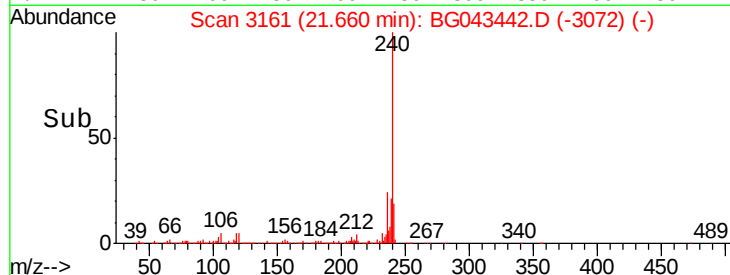
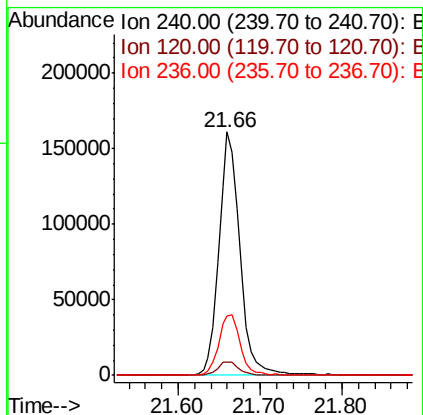
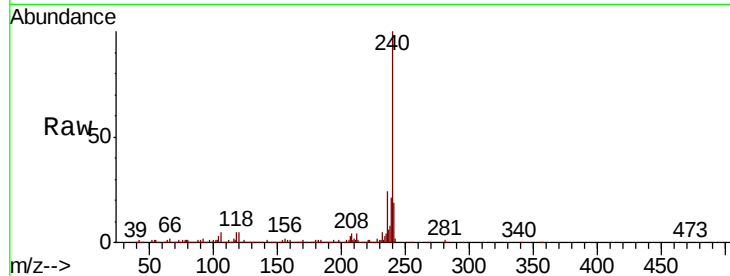




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043442.D
Acq: 31 Oct 2019 20:20

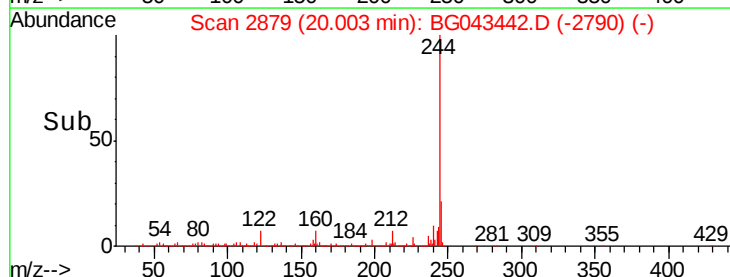
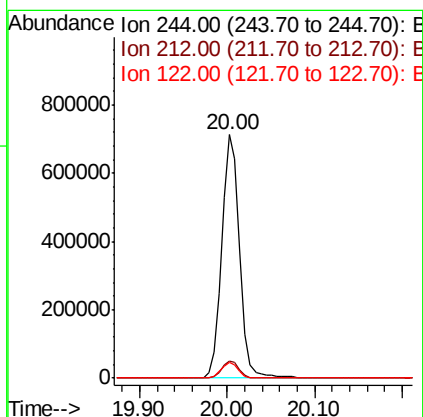
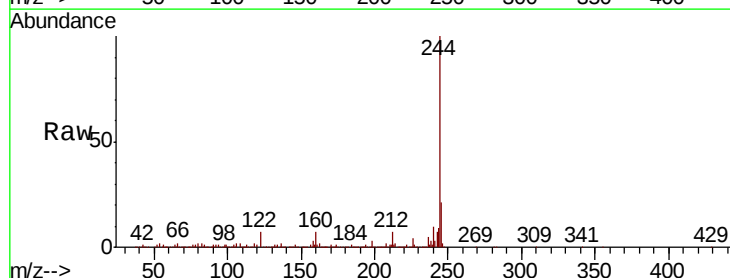
Instrument :
BNA_G
ClientSampleId :
3465

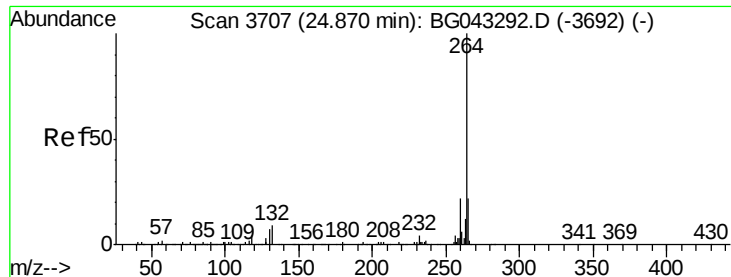
Tot Ion:240 Resp: 287648
Ion Ratio Lower Upper
240 100
120 5.4 4.6 7.0
236 24.5 20.2 30.4



#79
Terphenyl-d14
Concen: 65.547 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043442.D
Acq: 31 Oct 2019 20:20

Tgt Ion:244 Resp: 1005000
Ion Ratio Lower Upper
244 100
212 7.2 6.4 9.6
122 6.7 5.3 7.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043442.D
 Acq: 31 Oct 2019 20:20

Instrument :
 BNA_G
 ClientSampleId :
 3465

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	19.9	17.4	26.2

