

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043617.D
 Acq On : 13 Nov 2019 18:02
 Operator : JU
 Sample : PB124718BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124718BL

Quant Time: Nov 14 03:08:16 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

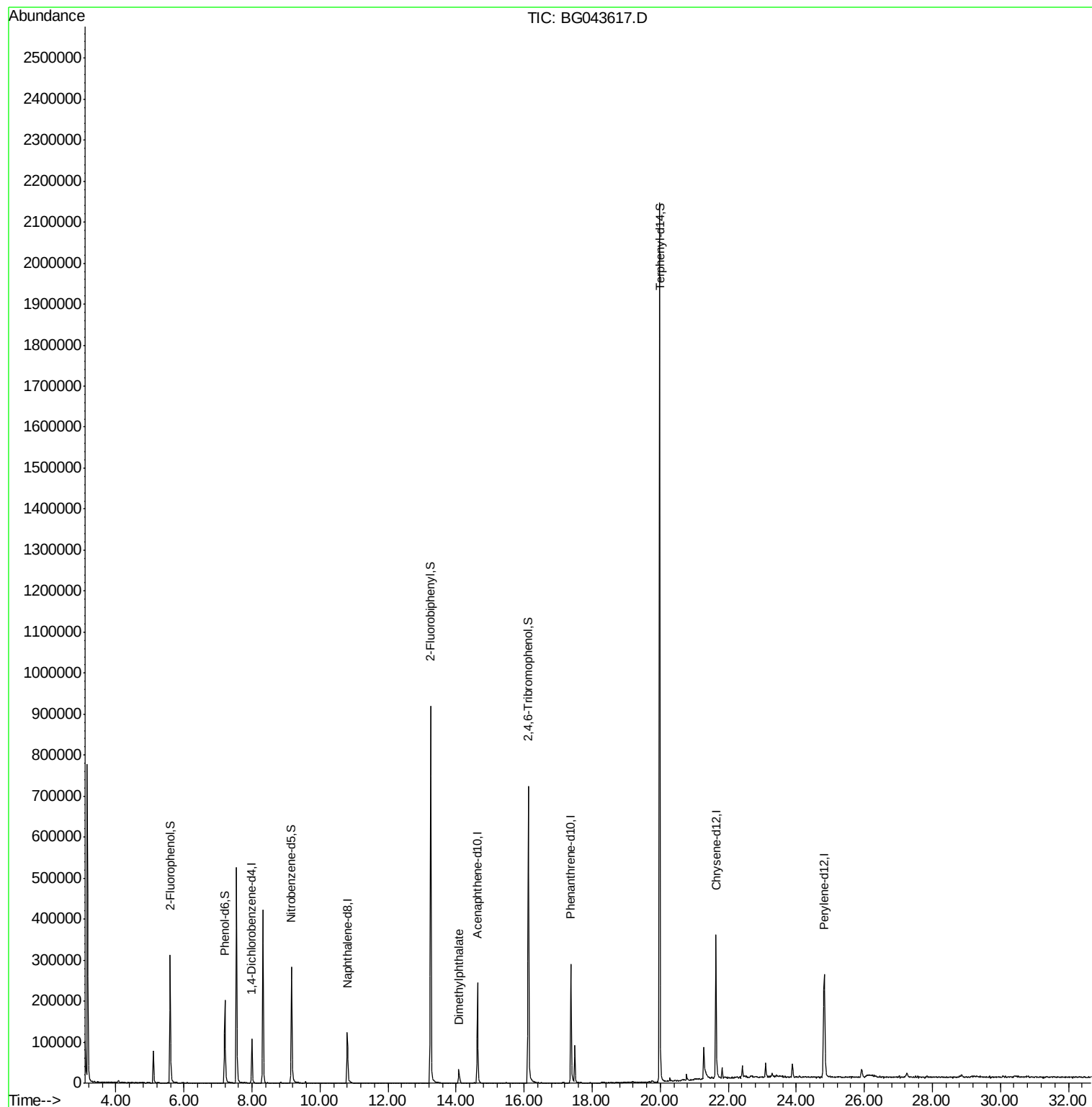
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	32940	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	119633	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	93457	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	233340	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	245375	20.00	ng	-0.02
87) Perylene-d12	24.82	264	296984	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	144512	80.39	ng	0.00
7) Phenol-d6	7.20	99	134904	52.16	ng	0.00
23) Nitrobenzene-d5	9.16	82	192016	82.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	185923	104.54	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	546457	80.80	ng	-0.01
79) Terphenyl-d14	19.99	244	1150370	87.95	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.09	163	32563	4.498	ng	Qvalue # 97

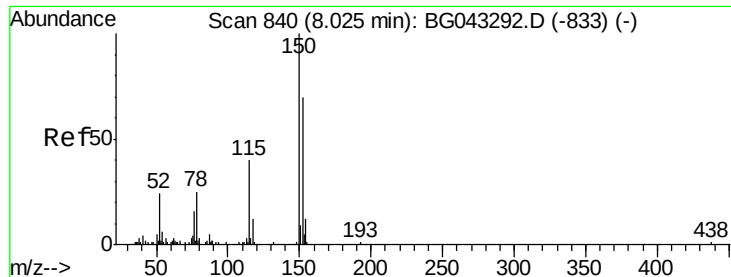
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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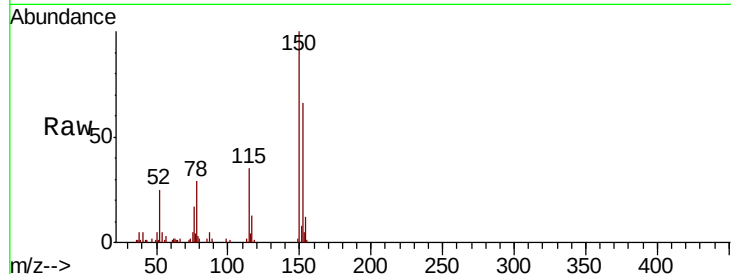


#1

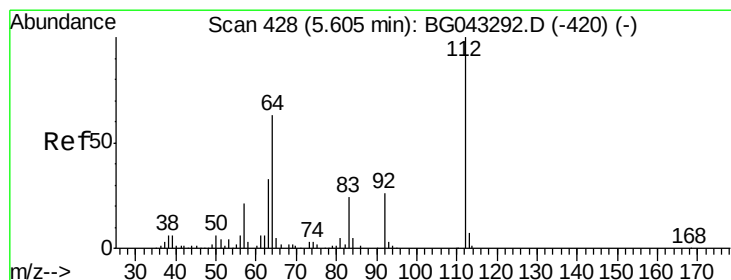
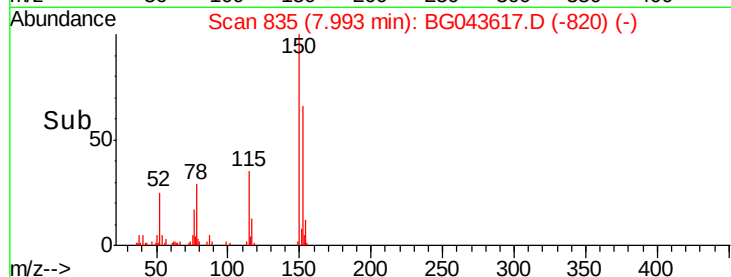
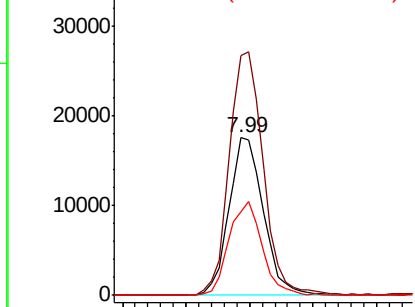
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124718BL

Tot Ion:152 Resp: 32940
Ion Ratio Lower Upper
152 100
150 151.7 129.4 194.0
115 52.8 48.8 73.2



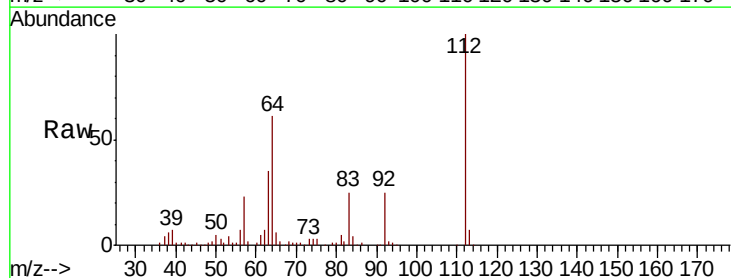
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



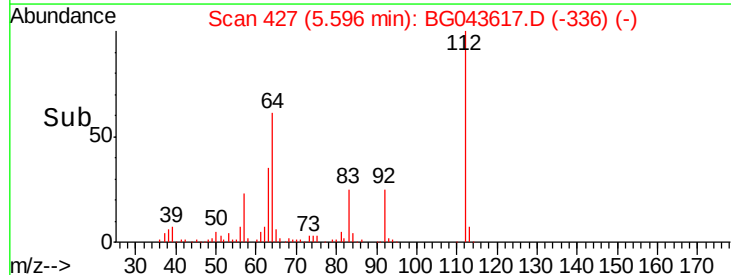
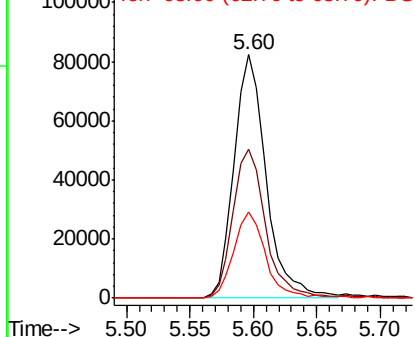
#5

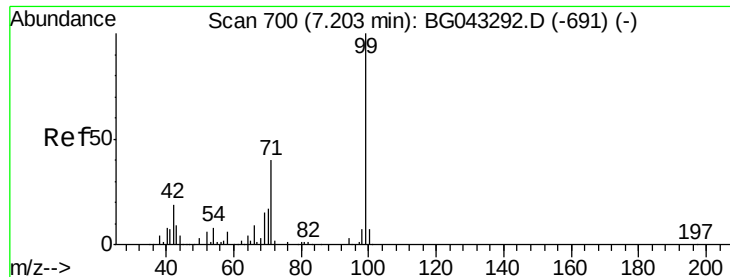
2-Fluorophenol
Concen: 80.392 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

Tgt Ion:112 Resp: 144512
Ion Ratio Lower Upper
112 100
64 60.9 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: 52.161 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043617.D

Acq: 13 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124718BL

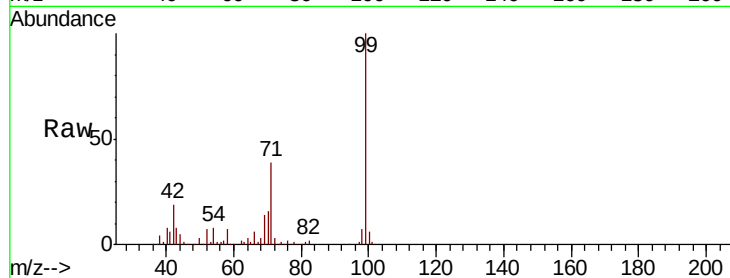
Tot Ion: 99 Resp: 134904

Ion Ratio Lower Upper

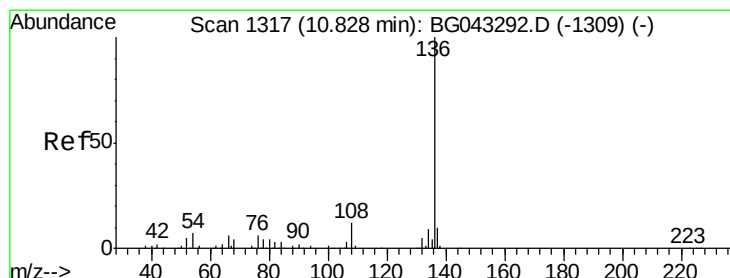
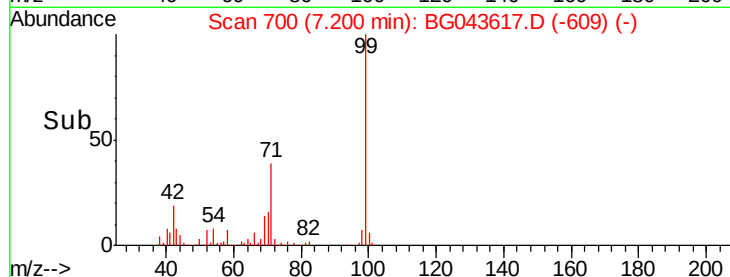
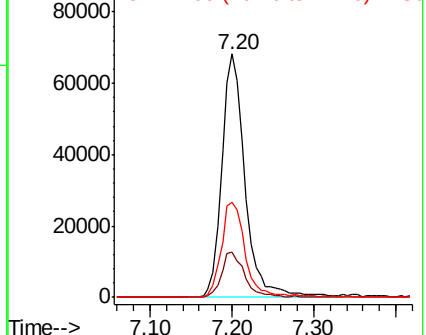
99 100

42 18.6 14.6 21.8

71 39.2 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# 1313

Delta R.T. -0.01 min

Lab File: BG043617.D

Acq: 13 Nov 2019 18:02

Tgt Ion: 136 Resp: 119633

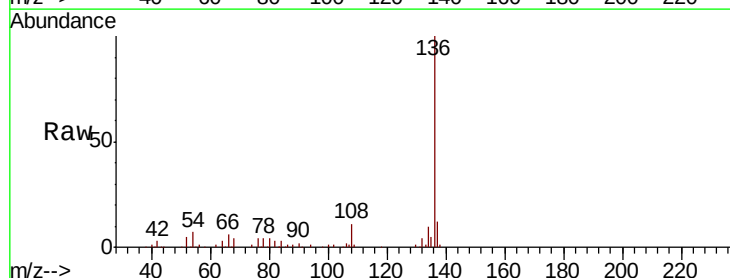
Ion Ratio Lower Upper

136 100

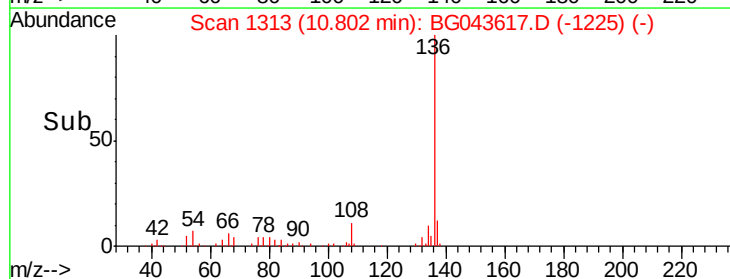
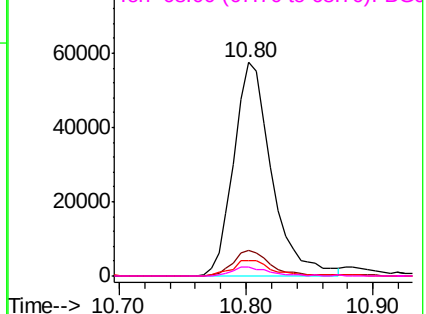
137 12.2 8.7 13.1

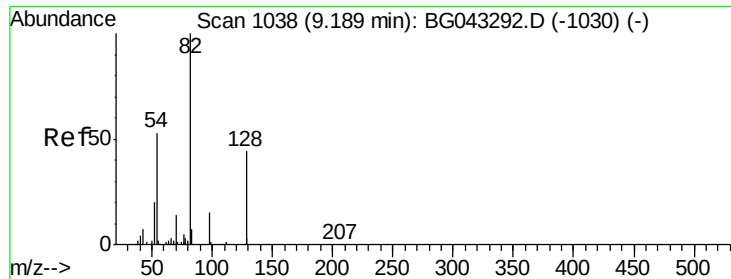
54 7.1 5.4 8.2

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

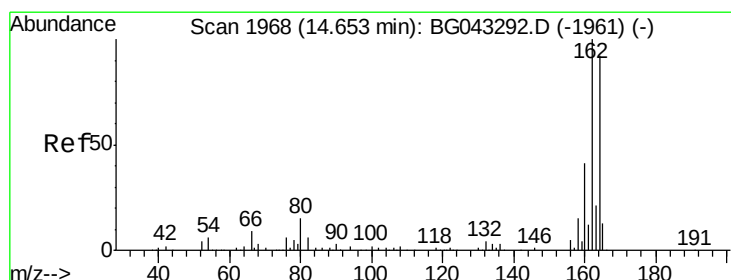
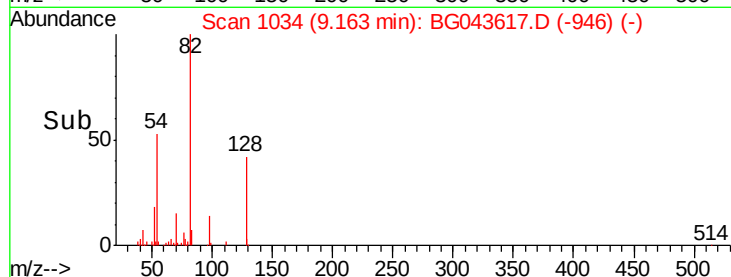
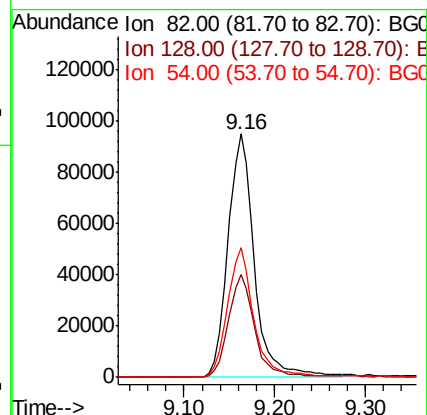
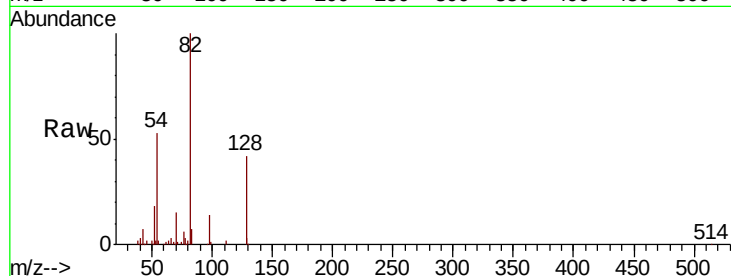




#23
Nitrobenzene-d5
Concen: 82.747 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

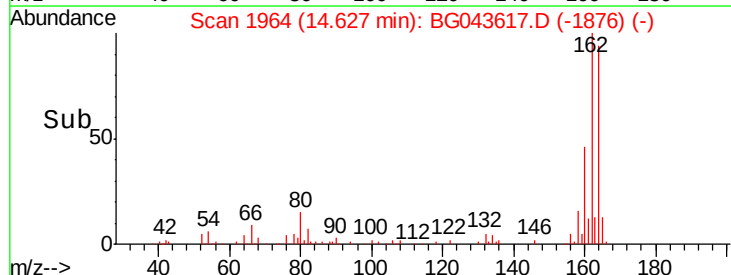
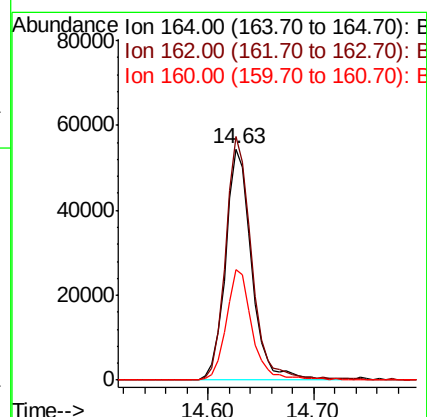
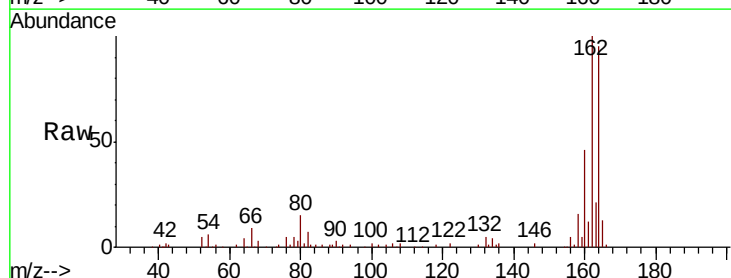
Instrument :
BNA_G
ClientSampleId :
PB124718BL

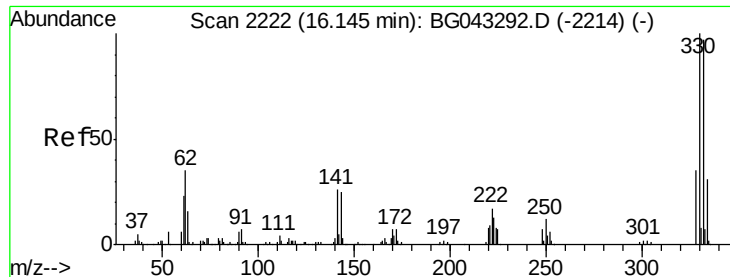
Tot Ion: 82 Resp: 192016
Ion Ratio Lower Upper
82 100
128 42.3 35.0 52.6
54 53.4 40.2 60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043617.D
Acq: 13 Nov 2019 18:02

Tgt Ion: 164 Resp: 93457
Ion Ratio Lower Upper
164 100
162 105.2 83.5 125.3
160 47.9 36.5 54.7

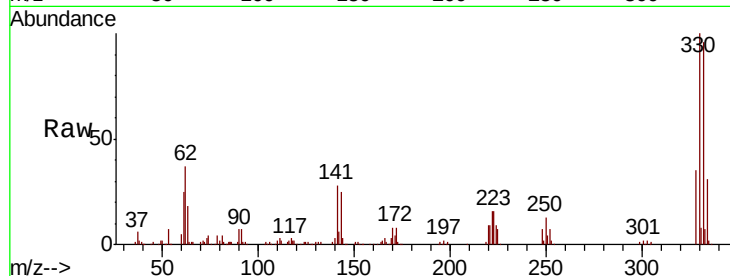




#42
 2,4,6-Tribromophenol
 Concen: 104.540 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043617.D
 Acq: 13 Nov 2019 18:02

Instrument :
 BNA_G
 ClientSampled :
 PB124718BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	28.9	22.8	34.2

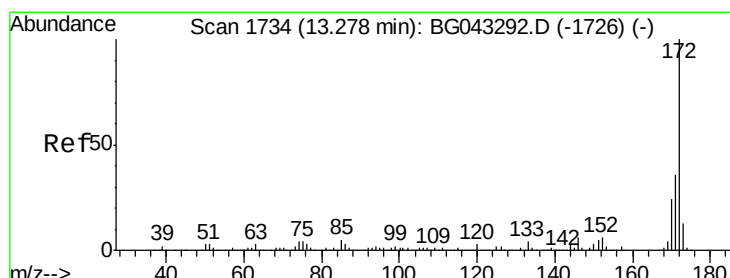
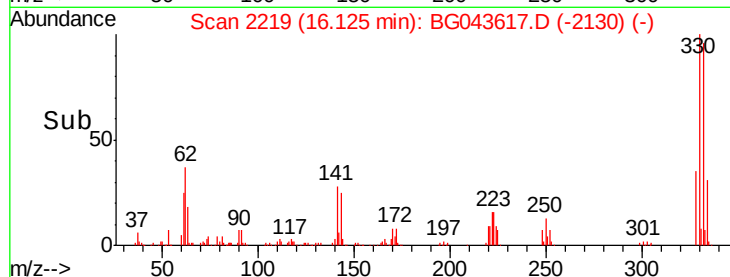
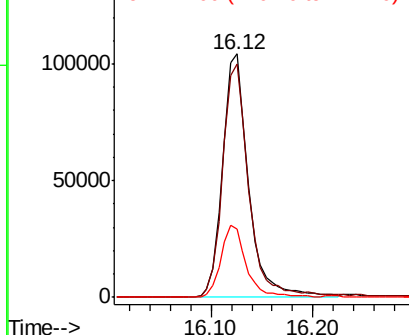


Abundance

Ion 329.80 (329.50 to 330.50): E

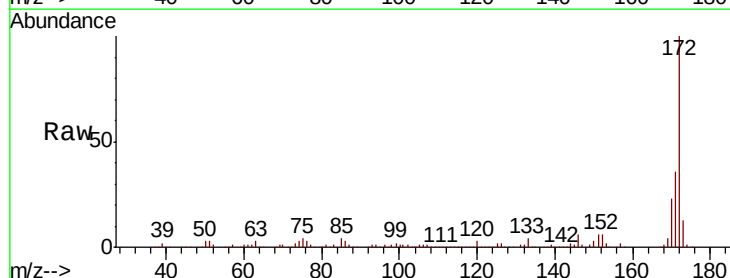
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.796 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043617.D
 Acq: 13 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	22.7	18.5	27.7

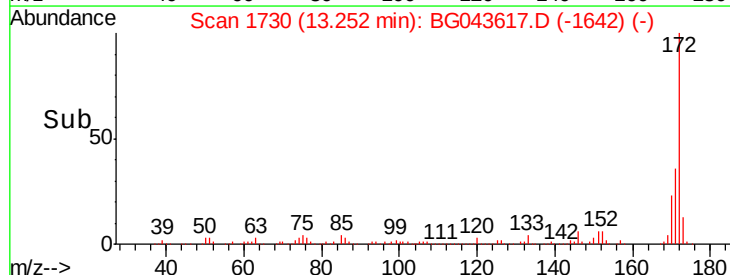
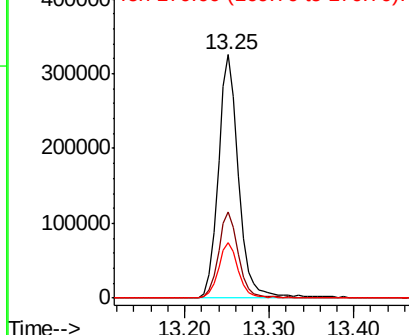


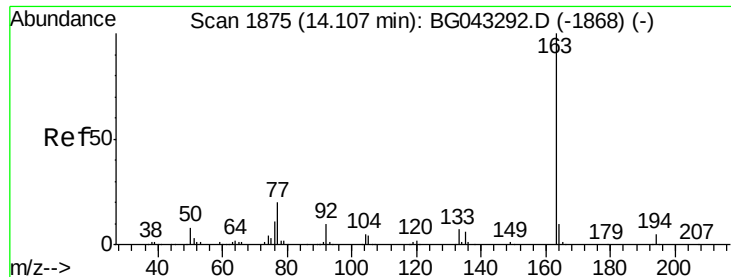
Abundance

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





#50

Dimethylphthalate

Concen: 4.498 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG043617.D

Acq: 13 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124718BL

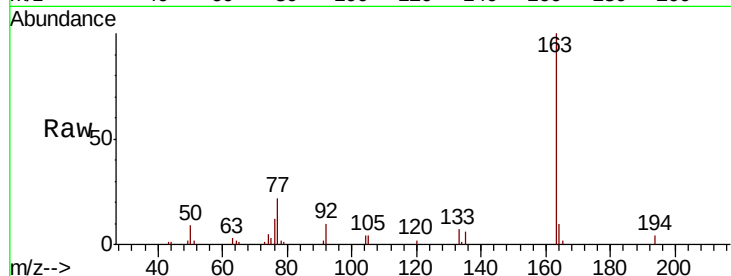
Tot Ion:163 Resp: 32563

Ion Ratio Lower Upper

163 100

194 3.7 3.8 5.6#

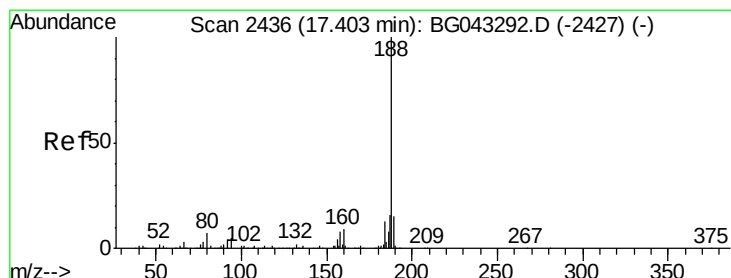
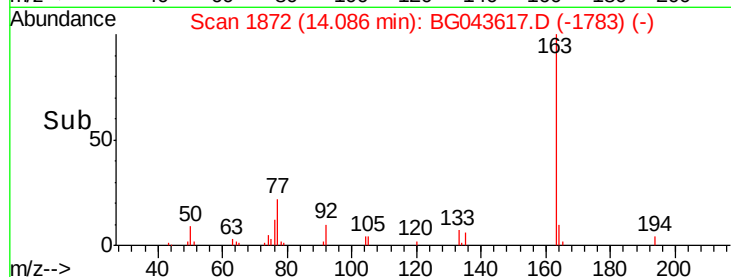
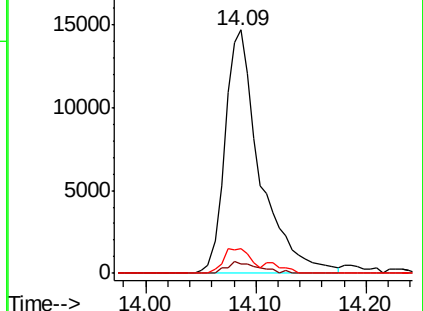
164 10.2 8.9 13.3



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: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043617.D

Acq: 13 Nov 2019 18:02

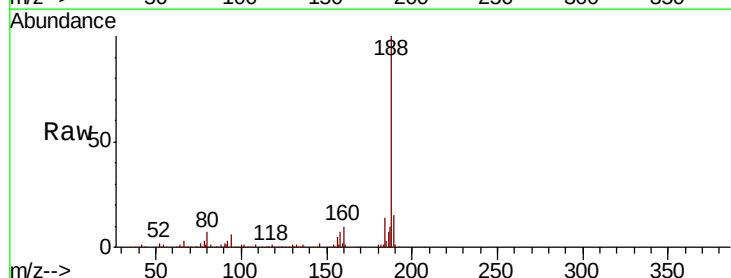
Tgt Ion:188 Resp: 233340

Ion Ratio Lower Upper

188 100

94 6.3 4.2 6.4

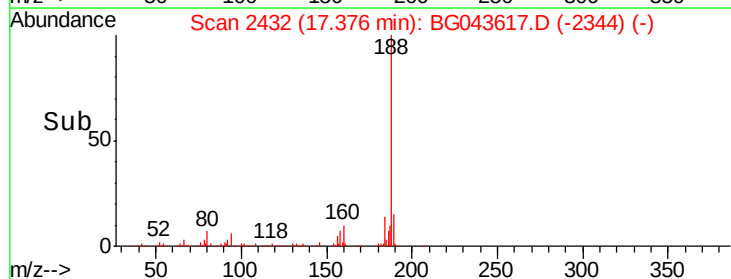
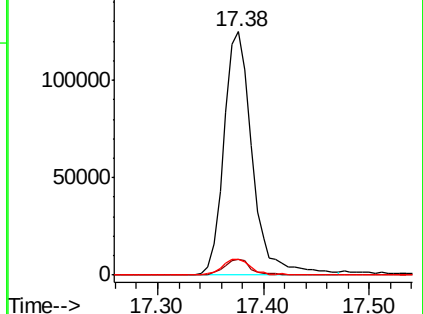
80 6.7 4.5 6.7#

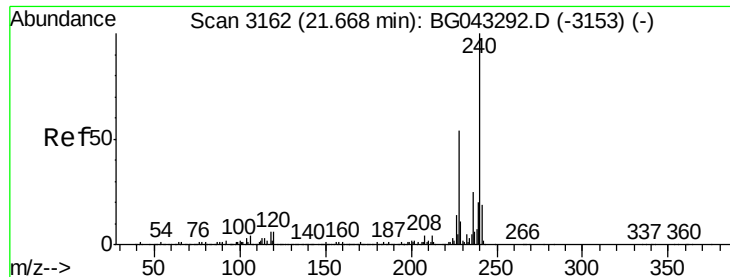


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043617.D

Acq: 13 Nov 2019 18:02

Instrument :

BNA_G

ClientSampleId :

PB124718BL

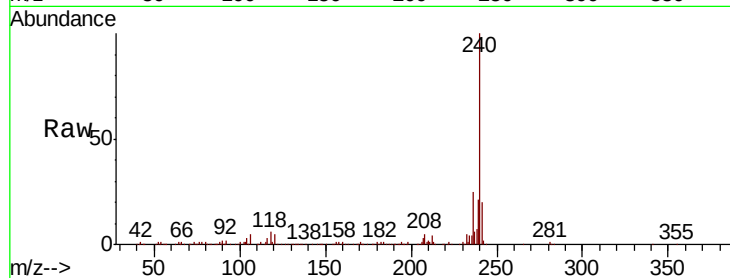
Tot Ion:240 Resp: 245375

Ion Ratio Lower Upper

240 100

120 5.4 4.6 6.8

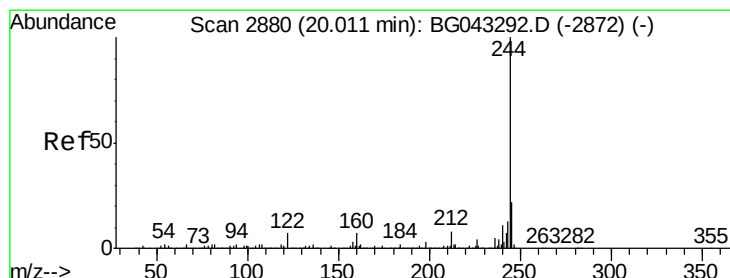
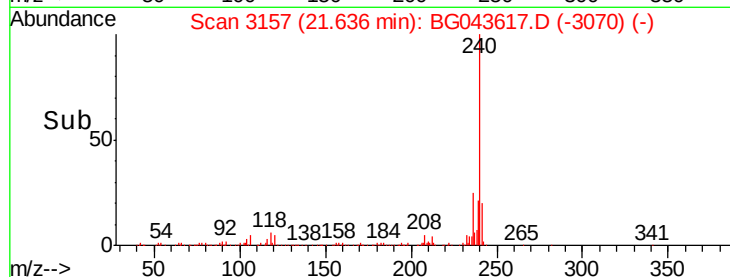
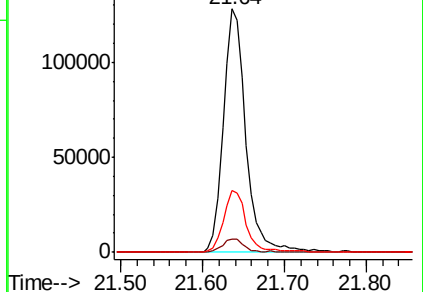
236 25.3 19.8 29.8



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: 87.954 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043617.D

Acq: 13 Nov 2019 18:02

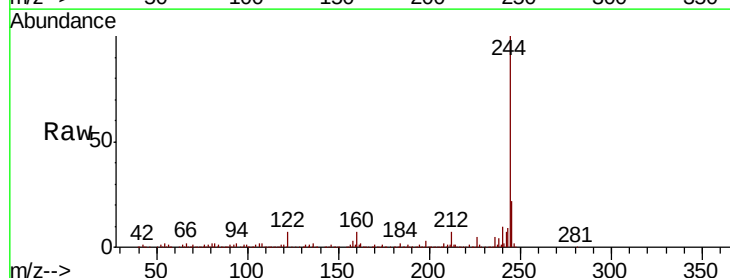
Tgt Ion:244 Resp: 1150370

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

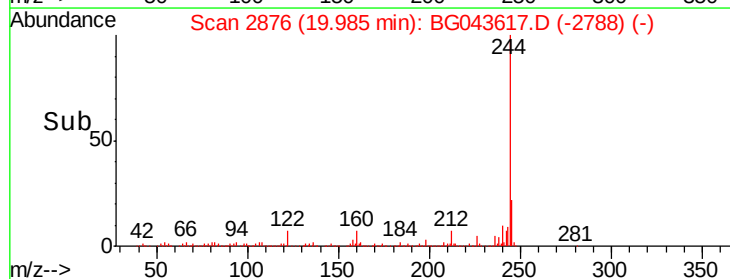
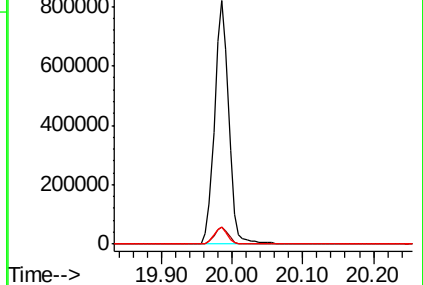
122 6.8 5.4 8.2

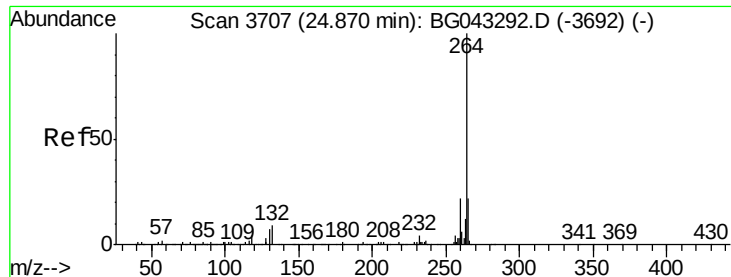


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3699
 Delta R.T. -0.03 min
 Lab File: BG043617.D
 Acq: 13 Nov 2019 18:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124718BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.5	26.3
265	20.8	17.4	26.0

