

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043463.D
 Acq On : 1 Nov 2019 13:27
 Operator : JU
 Sample : PB124454BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BL

Quant Time: Nov 01 22:52:12 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

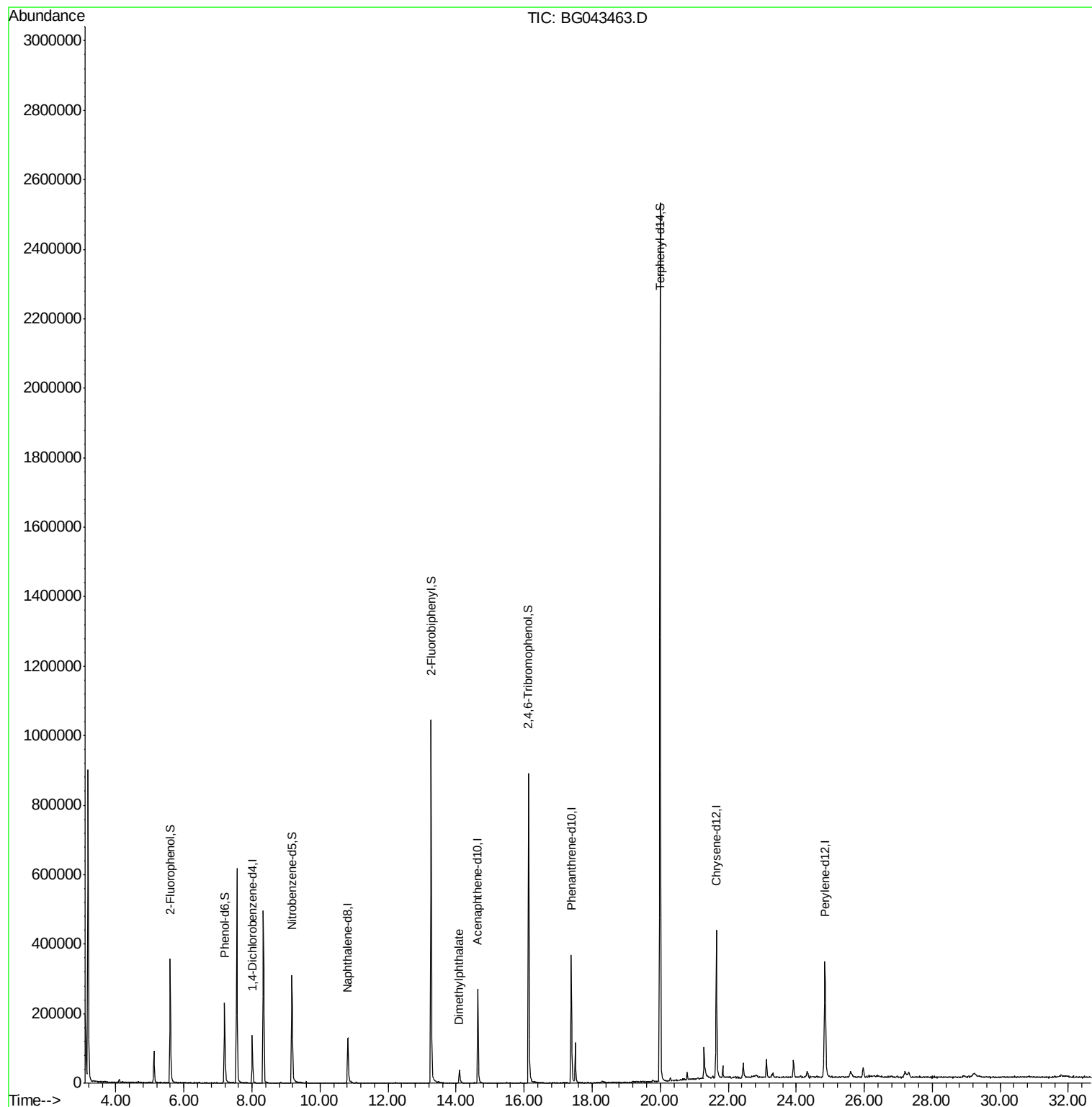
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	41069	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	148786	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	105376	20.00	ng	-0.01
64) Phenanthrene-d10	17.39	188	269956	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	305606	20.00	ng	-0.02
87) Perylene-d12	24.85	264	362898	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	180898	80.71	ng	0.00
7) Phenol-d6	7.20	99	154348	47.87	ng	0.00
23) Nitrobenzene-d5	9.18	82	227877	78.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	232754	116.07	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	622641	81.65	ng	-0.01
79) Terphenyl-d14	20.00	244	1385429	85.05	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.10	163	38366	4.701	ng	Qvalue 99

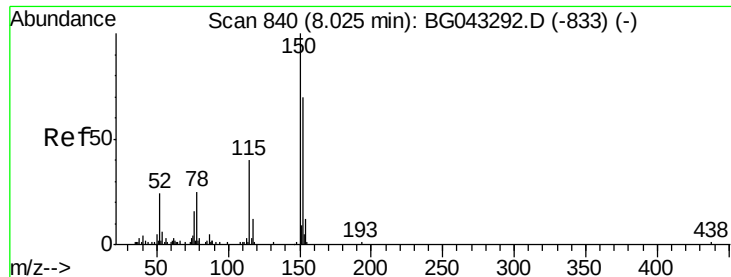
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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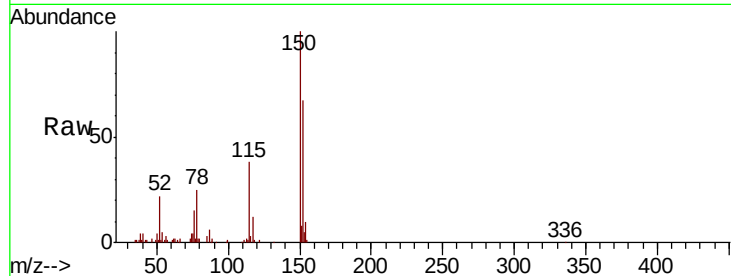


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG043463.D
Acq: 1 Nov 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB124454BL

Tot Ion	152	Resp	41069
Ion Ratio	Lower	Upper	
152	100		
150	149.1	113.6	170.4
115	56.6	45.9	68.9

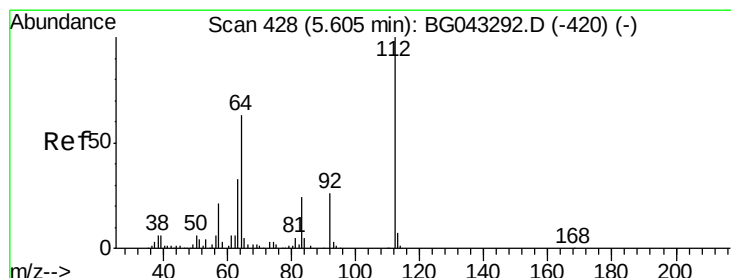
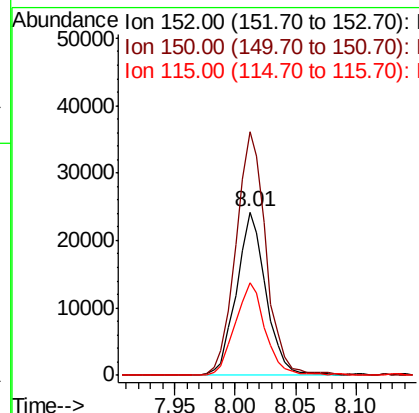
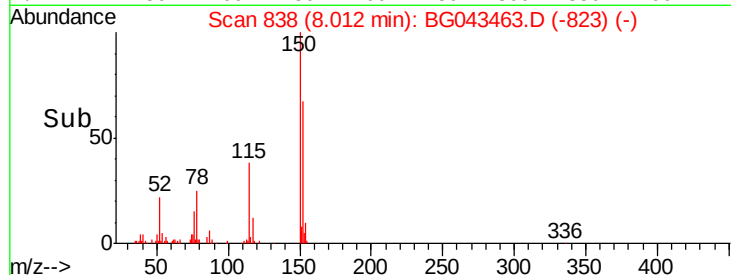


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

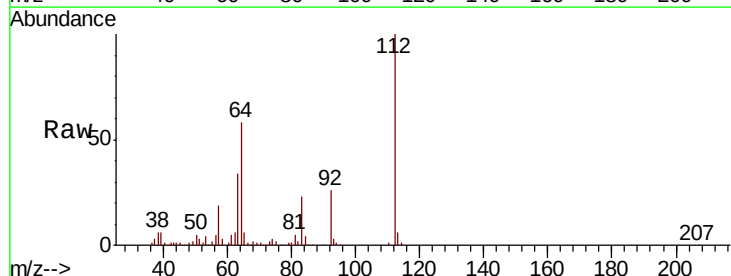
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.714 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.01 min
Lab File: BG043463.D
Acq: 1 Nov 2019 13:27

Tgt Ion	112	Resp	180898
Ion Ratio	Lower	Upper	
112	100		
64	58.2	50.2	75.2
63	33.9	26.7	40.1

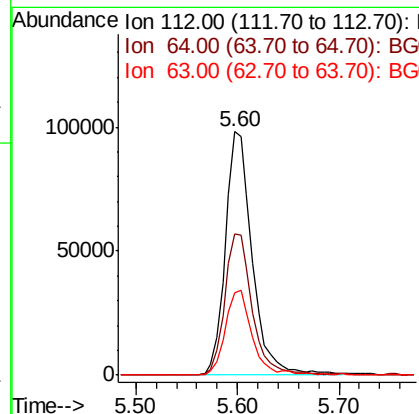
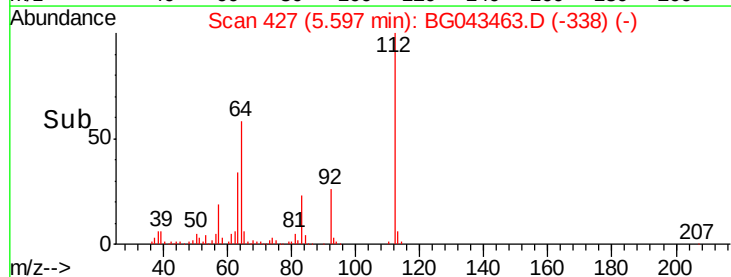


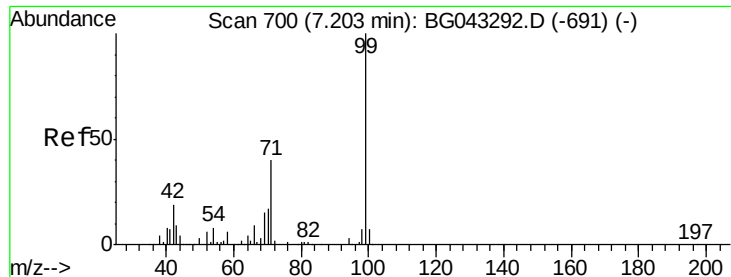
Abundance

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: 47.866 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043463.D

Acq: 1 Nov 2019 13:27

Instrument :

BNA_G

ClientSampled :

PB124454BL

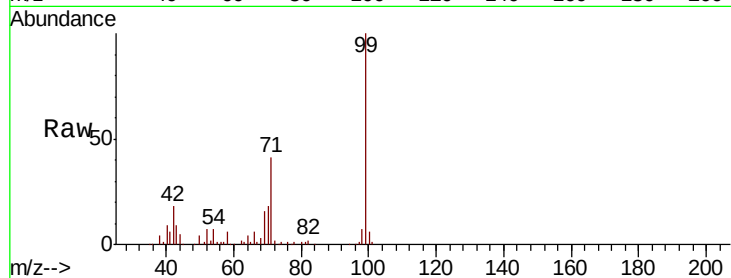
Tot Ion: 99 Resp: 154348

Ion Ratio Lower Upper

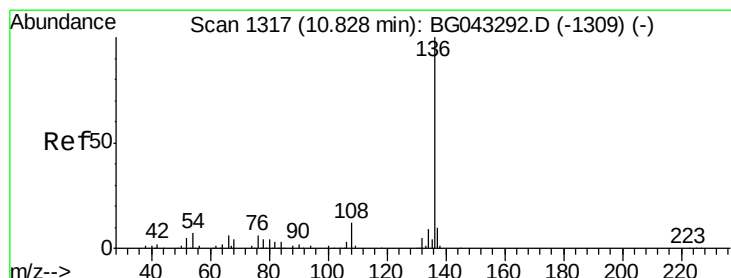
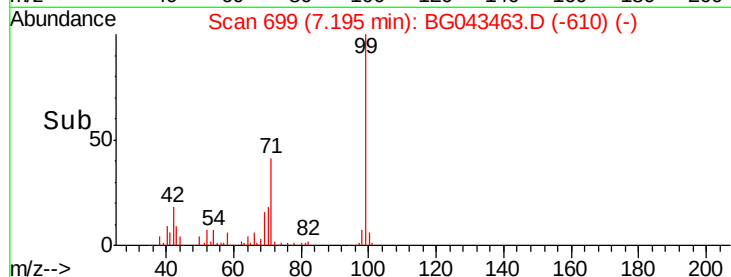
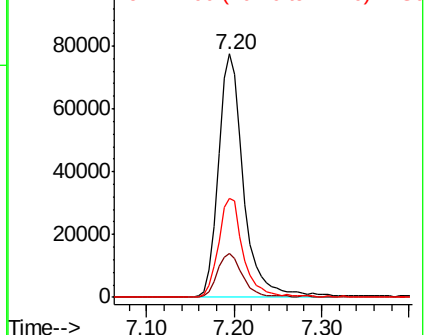
99 100

42 18.1 14.9 22.3

71 40.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG043463.D

Acq: 1 Nov 2019 13:27

Tgt Ion: 136 Resp: 148786

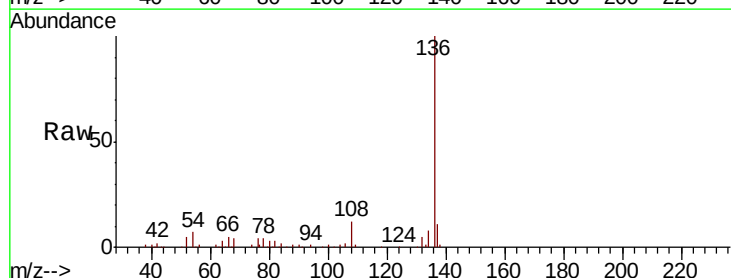
Ion Ratio Lower Upper

136 100

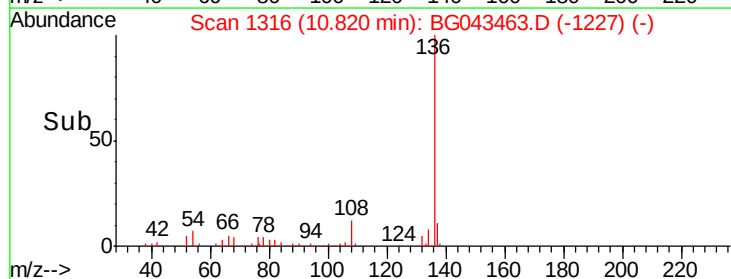
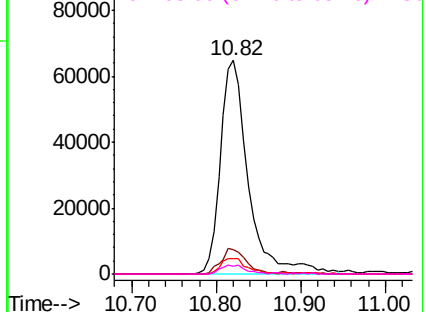
137 11.2 8.2 12.2

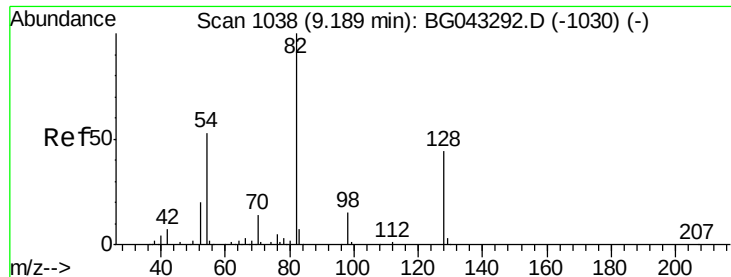
54 7.3 5.4 8.2

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

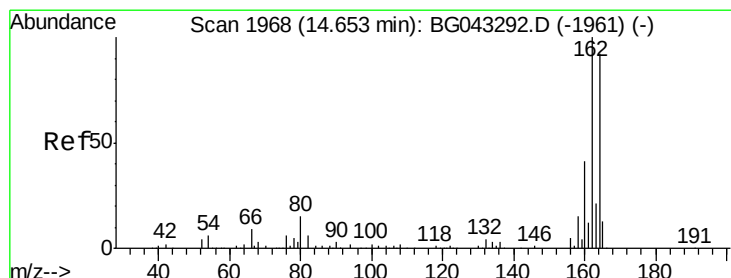
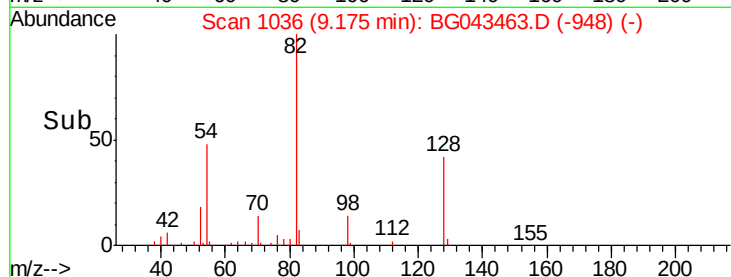
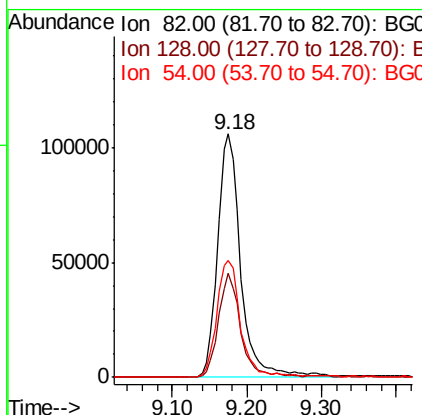
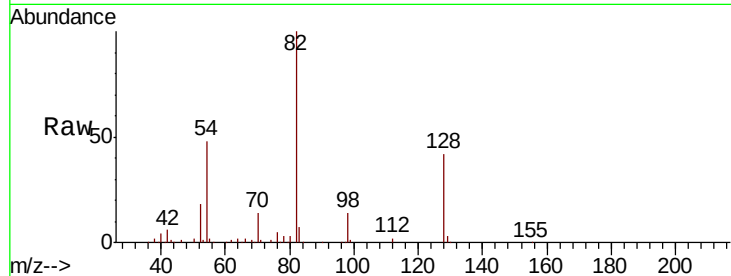




#23
Nitrobenzene-d5
Concen: 78.960 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG043463.D
Acq: 1 Nov 2019 13:27

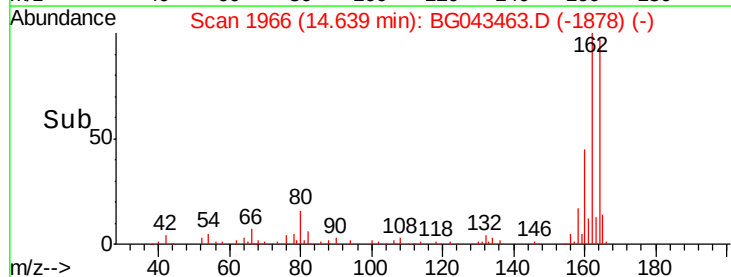
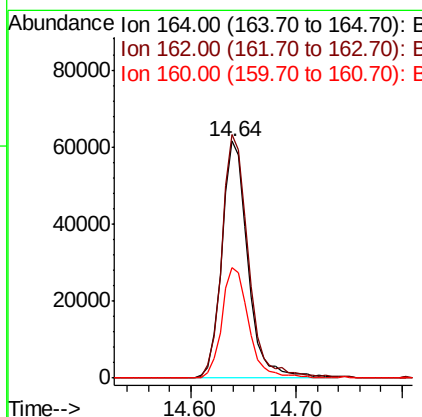
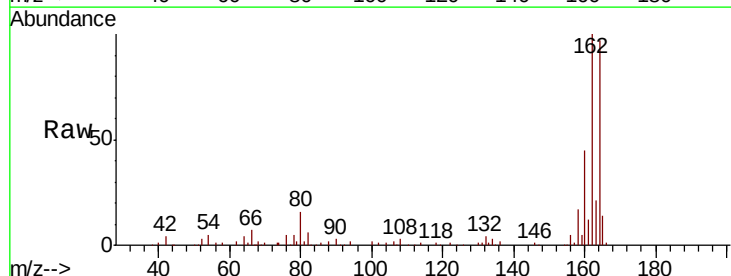
Instrument :
BNA_G
ClientSampleId :
PB124454BL

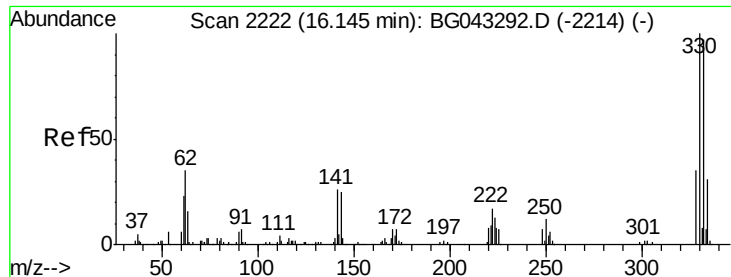
Tot Ion	82	Resp	227877
Ion Ratio	100	Lower	Upper
128	42.5	35.3	52.9
54	48.1	42.3	63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG043463.D
Acq: 1 Nov 2019 13:27

Tgt Ion	164	Resp	105376
Ion Ratio	100	Lower	Upper
162	102.9	87.0	130.4
160	46.7	35.5	53.3

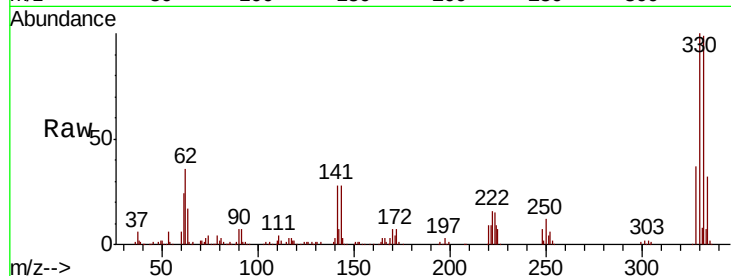




#42
 2,4,6-Tribromophenol
 Concen: 116.069 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043463.D
 Acq: 1 Nov 2019 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB124454BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.4	114.6
141	28.3	21.4	32.0

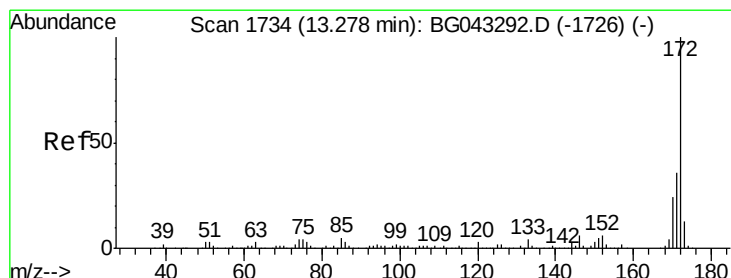
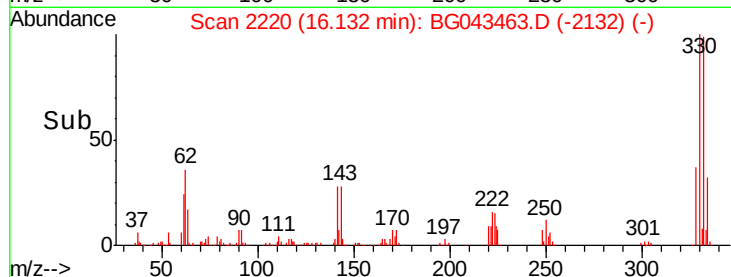
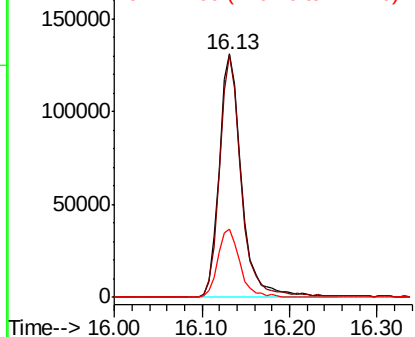


Abundance

Ion 329.80 (329.50 to 330.50): E

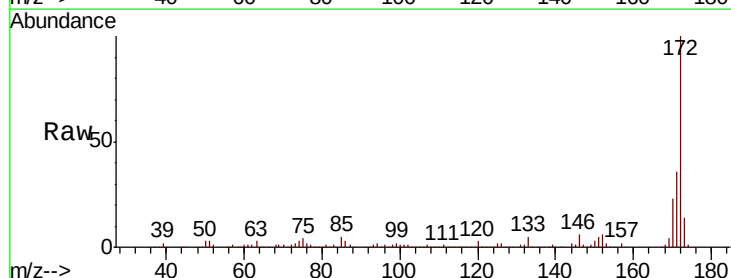
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.647 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG043463.D
 Acq: 1 Nov 2019 13:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	22.9	18.8	28.2

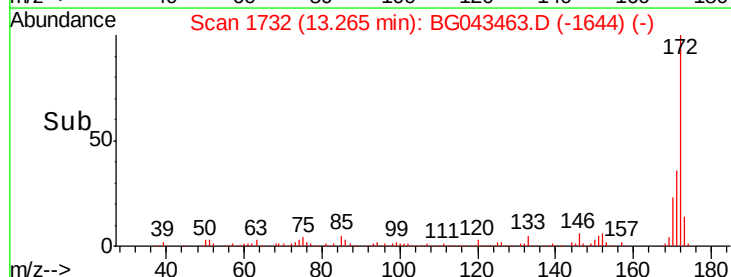
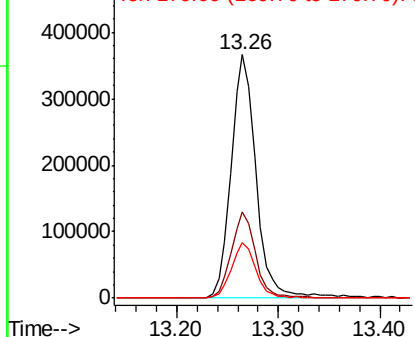


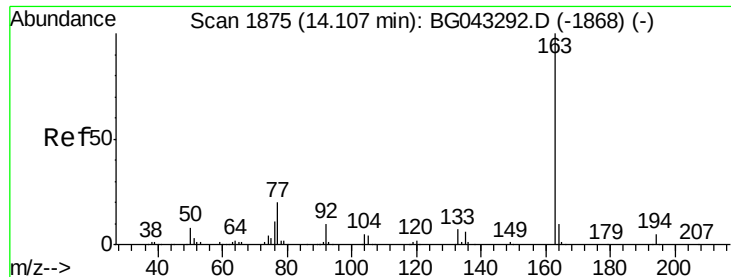
Abundance

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: 4.701 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG043463.D

Acq: 1 Nov 2019 13:27

Instrument :

BNA_G

ClientSampleId :

PB124454BL

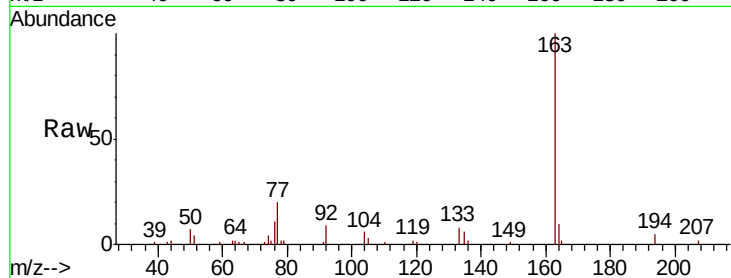
Tot Ion:163 Resp: 38366

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

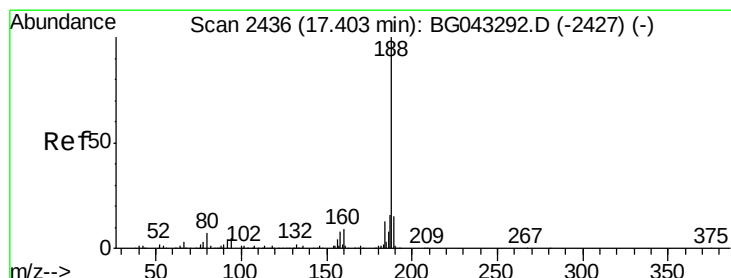
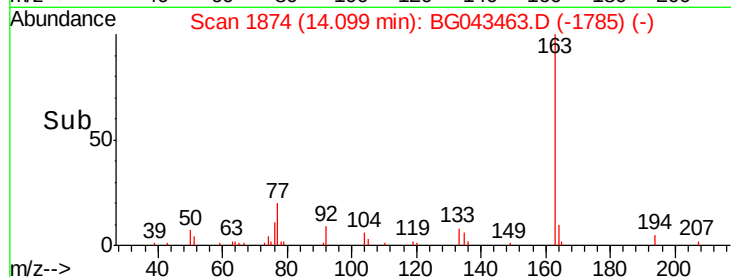
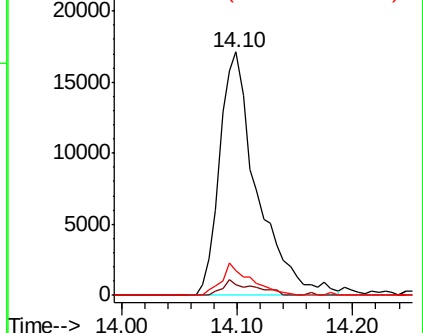
164 10.4 8.1 12.1



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# 2434

Delta R.T. -0.01 min

Lab File: BG043463.D

Acq: 1 Nov 2019 13:27

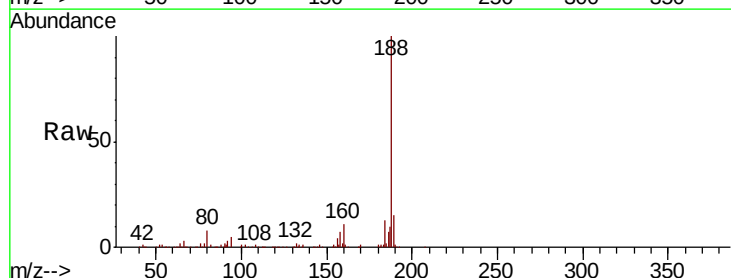
Tgt Ion:188 Resp: 269956

Ion Ratio Lower Upper

188 100

94 5.1 4.2 6.2

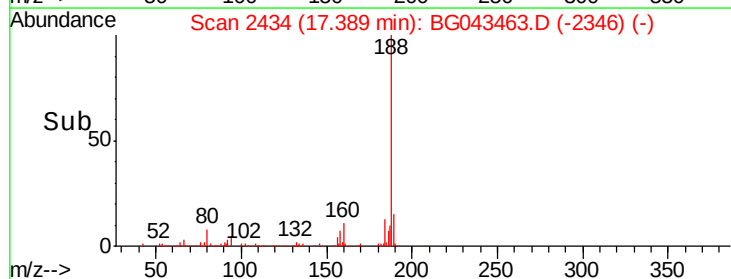
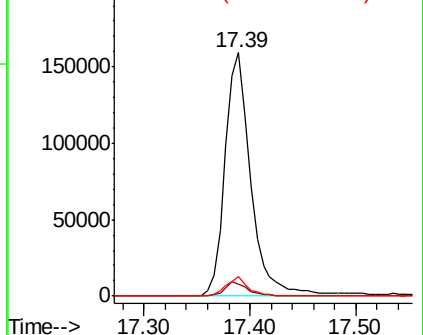
80 7.8 5.2 7.8#

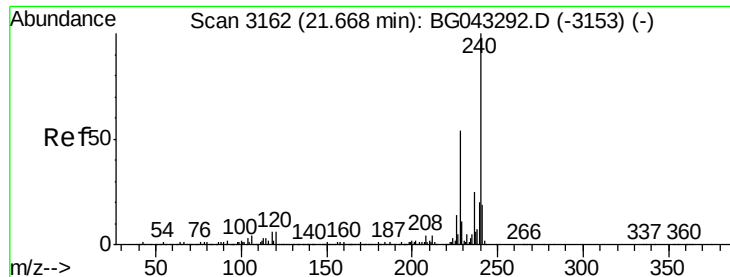


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

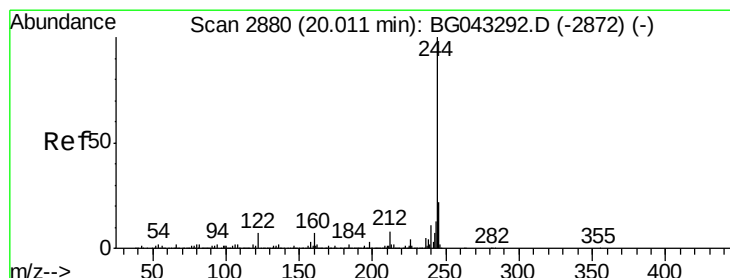
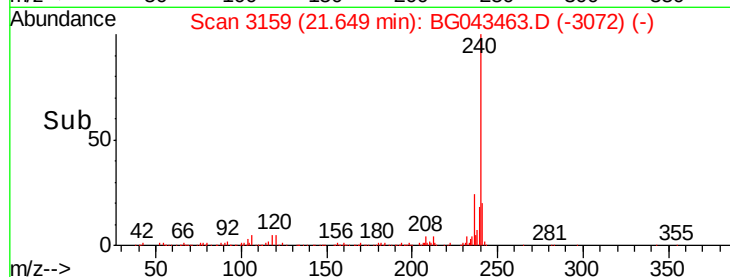
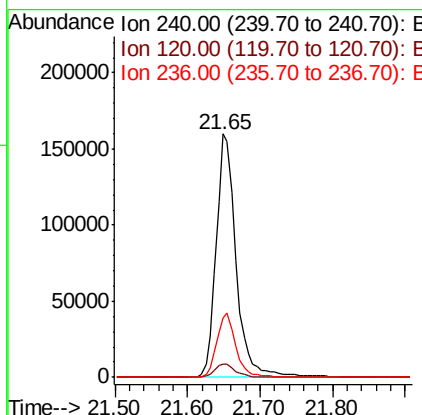
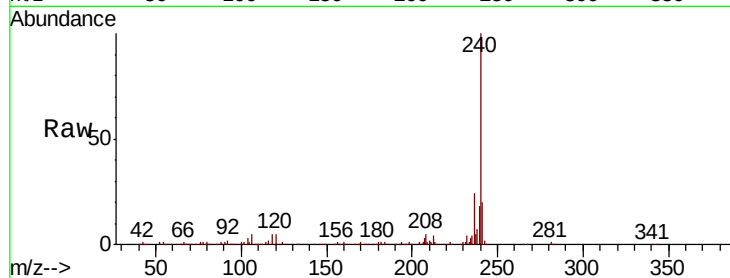




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG043463.D
Acq: 1 Nov 2019 13:27

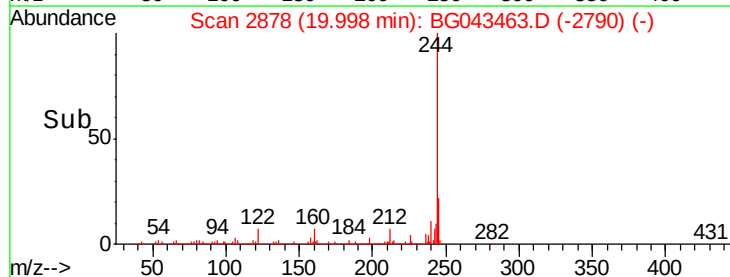
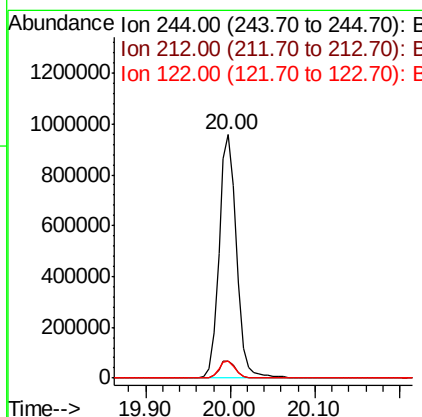
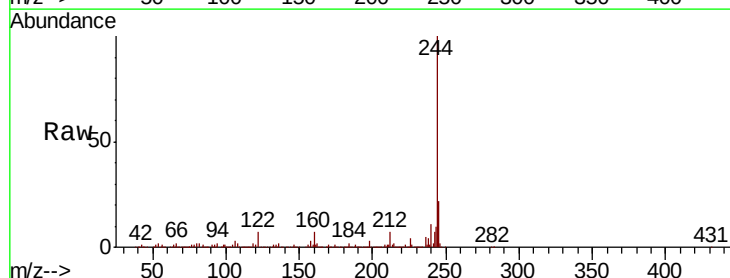
Instrument :
BNA_G
ClientSampleId :
PB124454BL

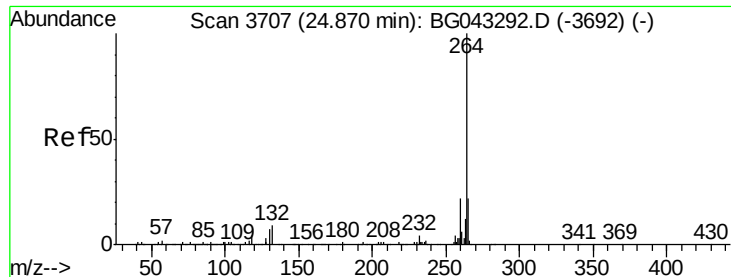
Tot Ion:240 Resp: 305606
Ion Ratio Lower Upper
240 100
120 5.4 4.6 7.0
236 24.4 20.2 30.4



#79
Terphenyl-d14
Concen: 85.049 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG043463.D
Acq: 1 Nov 2019 13:27

Tgt Ion:244 Resp: 1385429
Ion Ratio Lower Upper
244 100
212 7.2 6.4 9.6
122 7.2 5.3 7.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.03 min
Lab File: BG043463.D
Acq: 1 Nov 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PB124454BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	20.8	17.4	26.2

