

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043470.D
 Acq On : 1 Nov 2019 17:57
 Operator : JU
 Sample : K5602-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190938-COMPOSITE-A

Quant Time: Nov 02 00:00:39 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

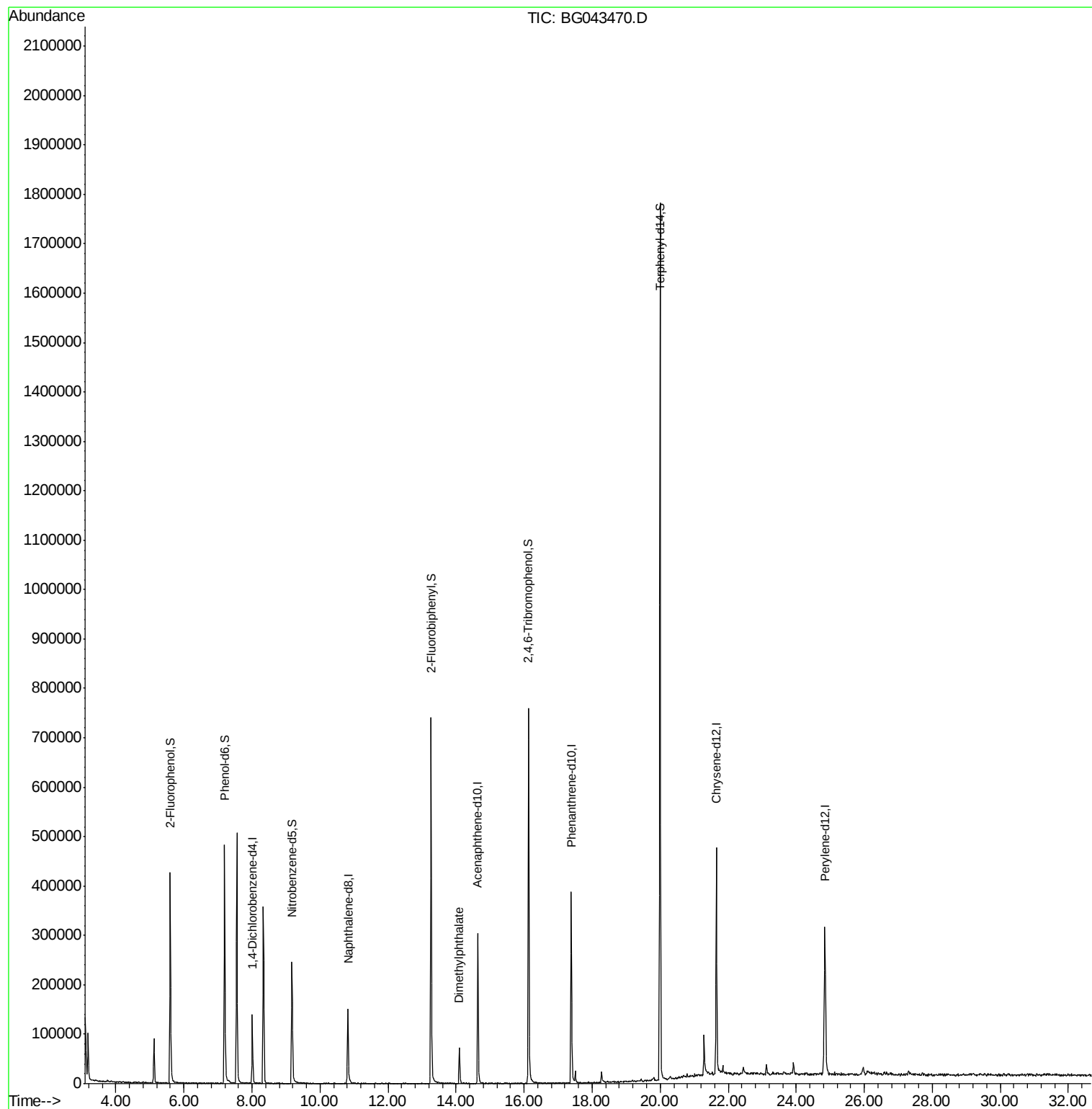
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	41983	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	153263	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	118830	20.00	ng	-0.01
64) Phenanthrene-d10	17.39	188	288717	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	308259	20.00	ng	-0.01
87) Perylene-d12	24.84	264	371247	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	213264	93.08	ng	0.00
7) Phenol-d6	7.19	99	304136	92.26	ng	0.00
23) Nitrobenzene-d5	9.17	82	175805	59.14	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	188612	83.41	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	461072	53.62	ng	-0.01
79) Terphenyl-d14	20.00	244	959174	58.38	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.09	163	65142	7.077	ng	Qvalue 96

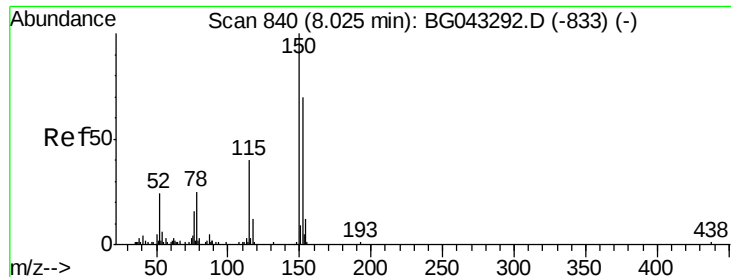
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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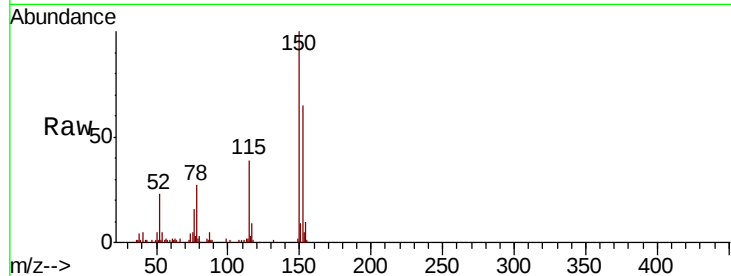


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG043470.D
Acq: 1 Nov 2019 17:57

Instrument :
BNA_G
ClientSampleId :
20190938-COMPOSITE-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	113.6	170.4
115	59.7	45.9	68.9

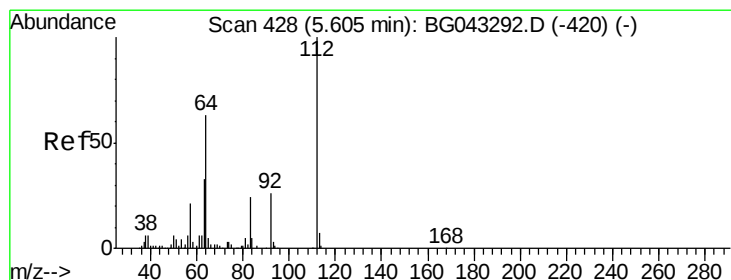
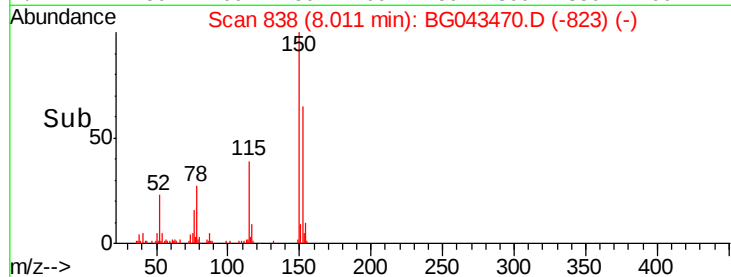
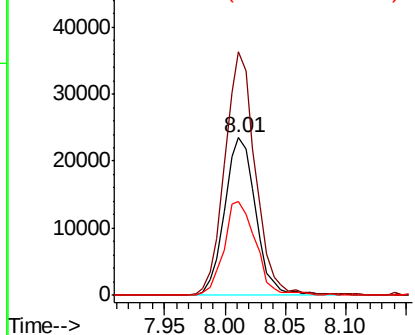


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

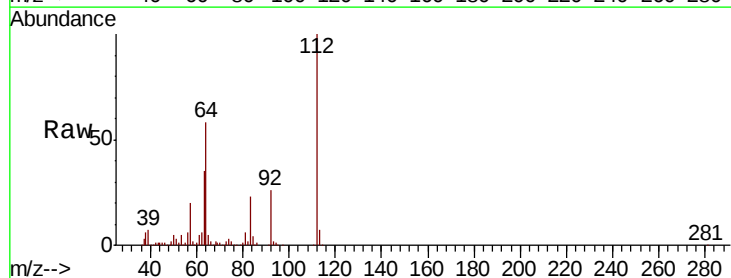
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.084 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043470.D
Acq: 1 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	50.2	75.2
63	34.5	26.7	40.1

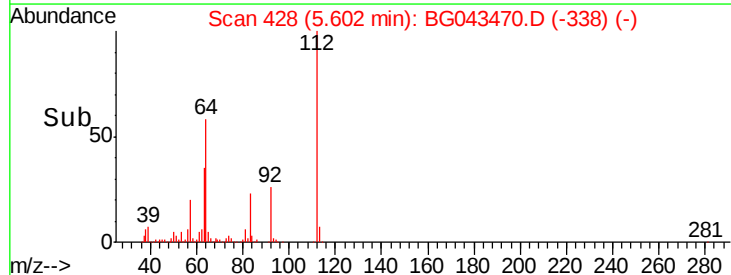
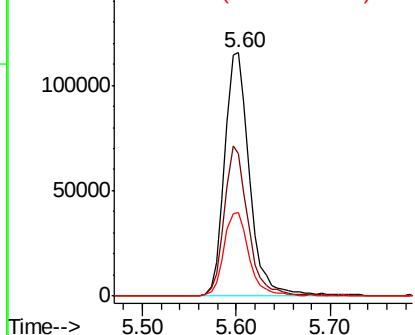


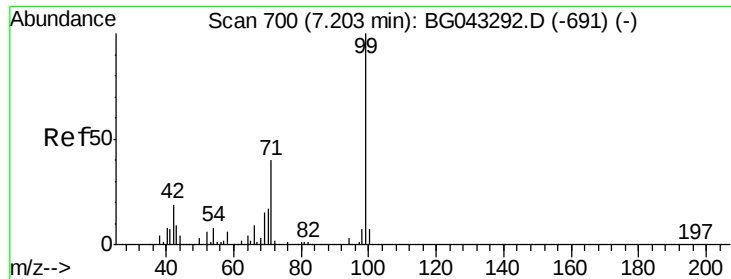
Abundance

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: 92.265 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043470.D

Acq: 1 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

20190938-COMPOSITE-A

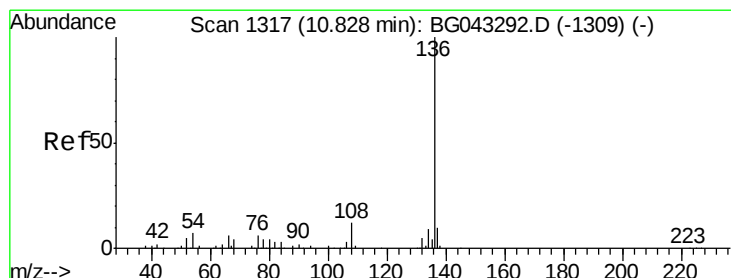
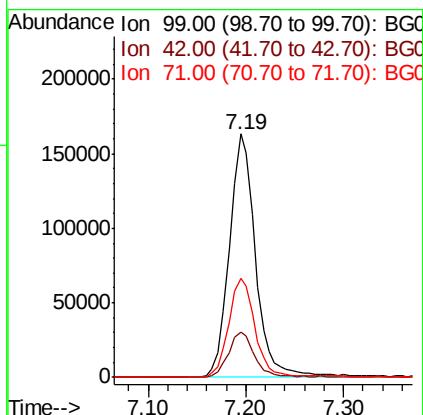
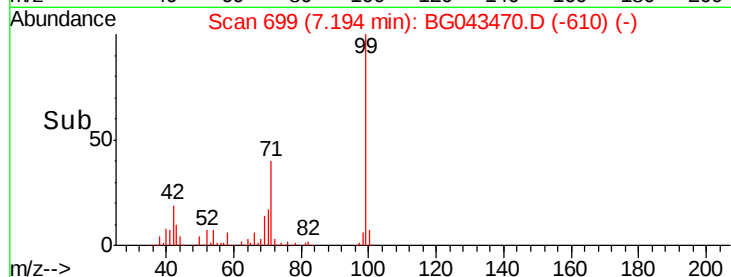
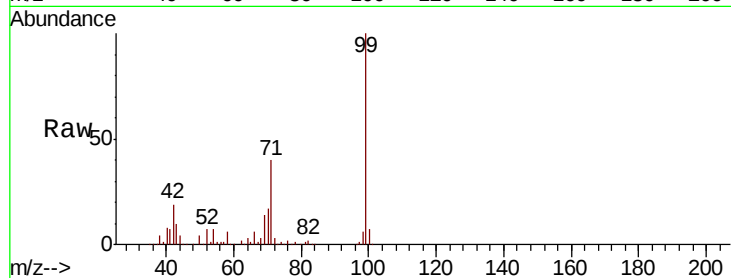
Tot Ion: 99 Resp: 304136

Ion Ratio Lower Upper

99 100

42 18.6 14.9 22.3

71 40.5 32.2 48.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG043470.D

Acq: 1 Nov 2019 17:57

Tgt Ion: 136 Resp: 153263

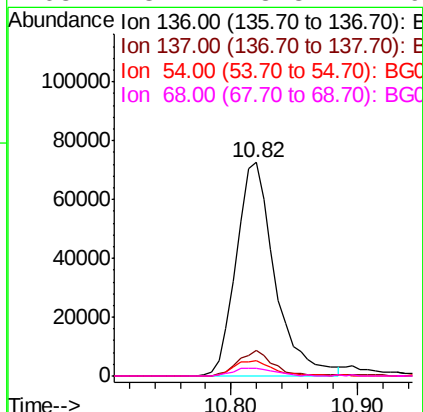
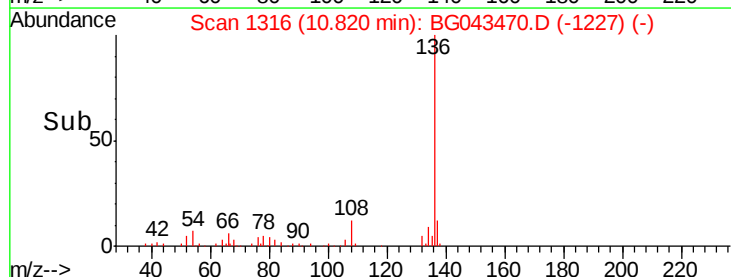
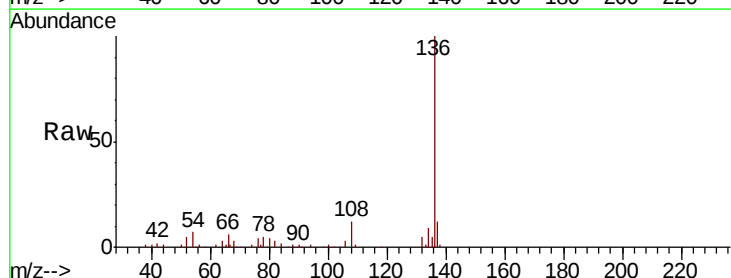
Ion Ratio Lower Upper

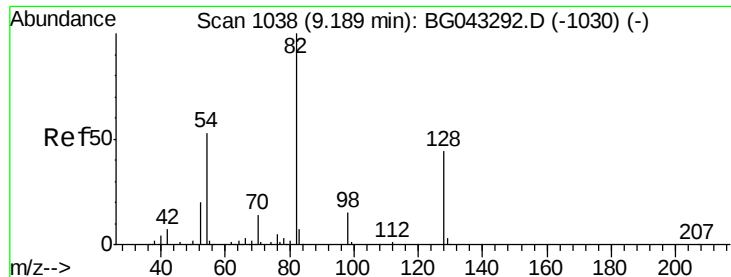
136 100

137 11.7 8.2 12.2

54 7.0 5.4 8.2

68 3.4 3.3 4.9

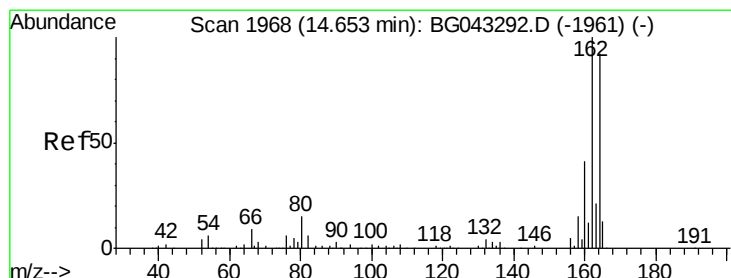
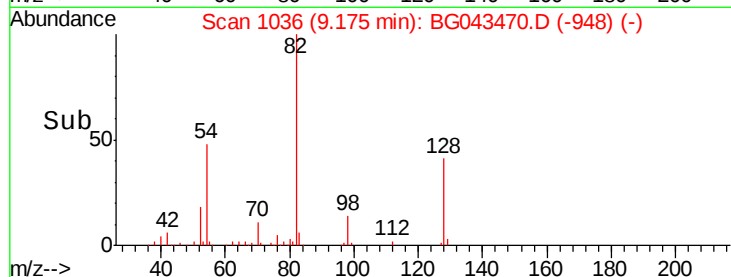
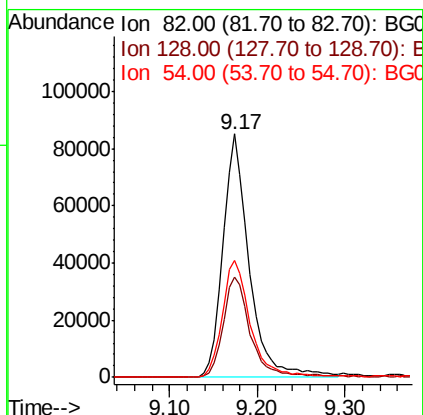
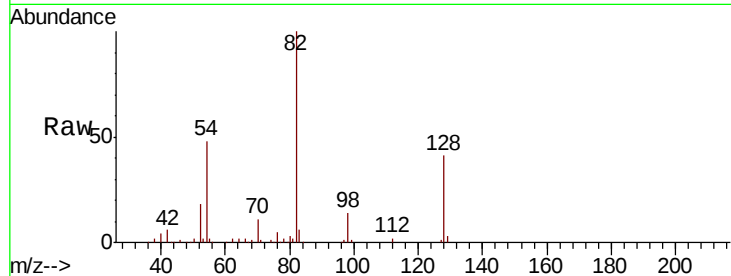




#23
Nitrobenzene-d5
Concen: 59.137 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG043470.D
Acq: 1 Nov 2019 17:57

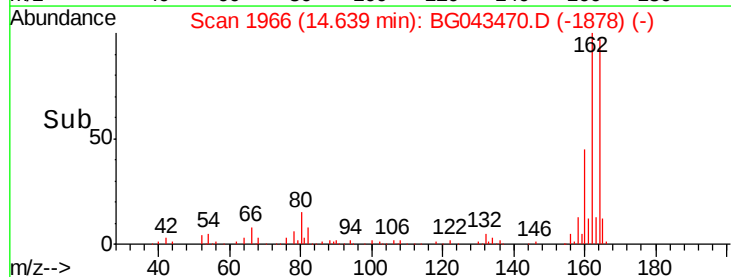
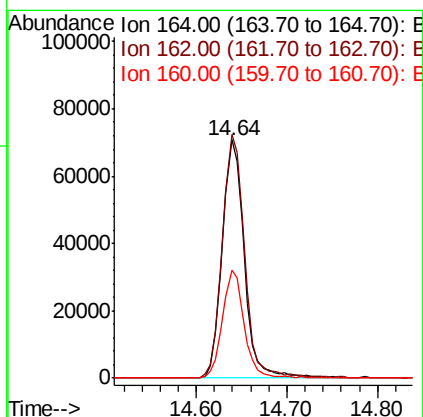
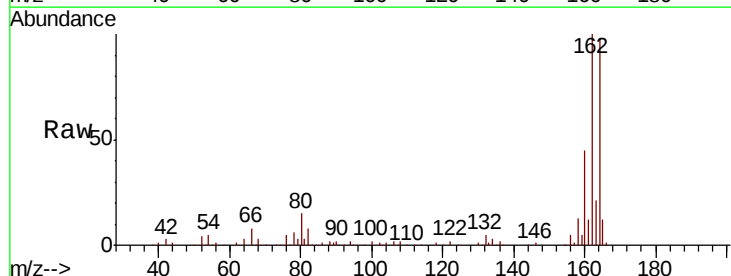
Instrument :
BNA_G
ClientSampleId :
20190938-COMPOSITE-A

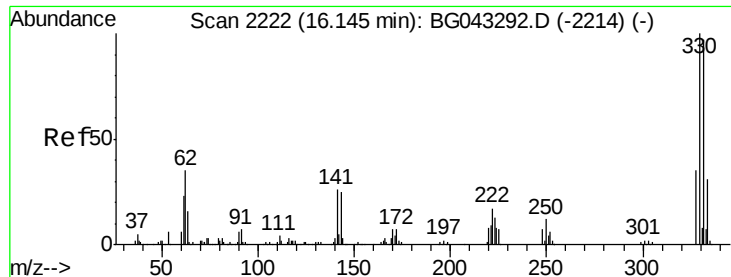
Tot Ion	82	Resp	175805
Ion Ratio	Lower	Upper	
82	100		
128	41.1	35.3	52.9
54	48.2	42.3	63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG043470.D
Acq: 1 Nov 2019 17:57

Tgt Ion	164	Resp	118830
Ion Ratio	Lower	Upper	
164	100		
162	102.2	87.0	130.4
160	45.5	35.5	53.3

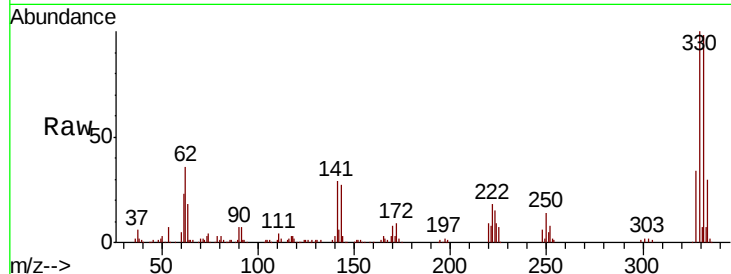




#42
 2,4,6-Tribromophenol
 Concen: 83.407 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043470.D
 Acq: 1 Nov 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 20190938-COMPOSITE-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.4	114.6
141	28.4	21.4	32.0

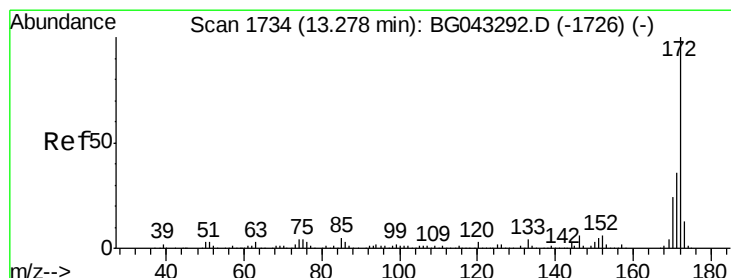
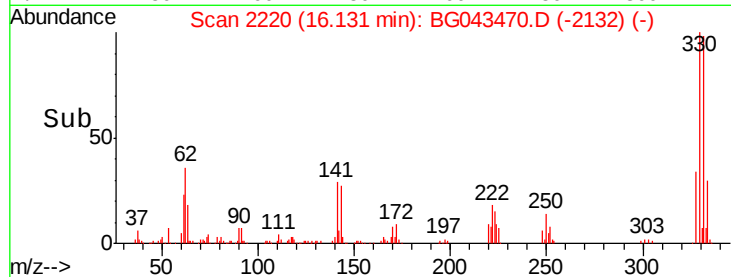
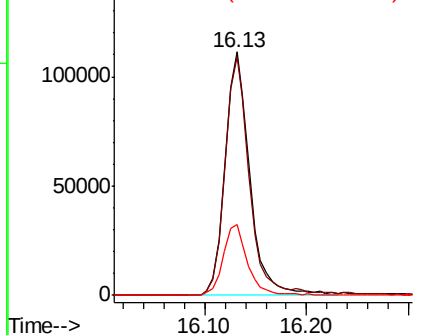


Abundance

Ion 329.80 (329.50 to 330.50): E

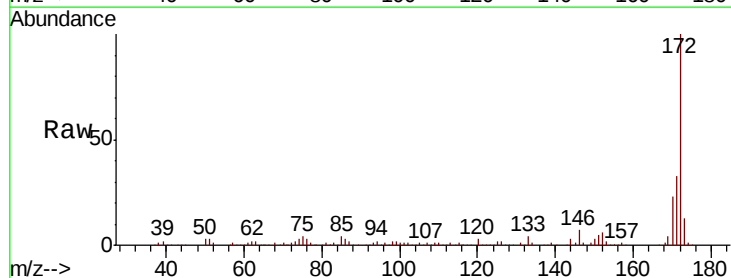
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 53.615 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG043470.D
 Acq: 1 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.5	42.7
170	22.6	18.8	28.2

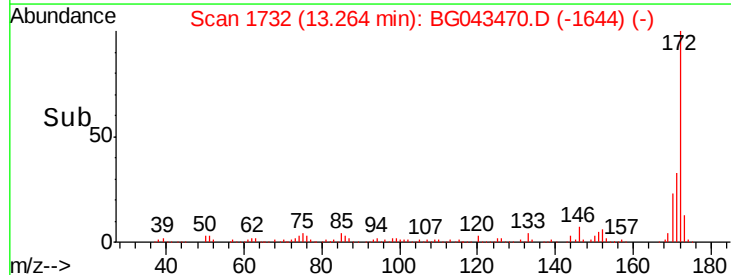
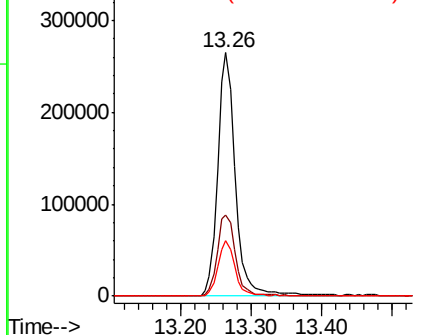


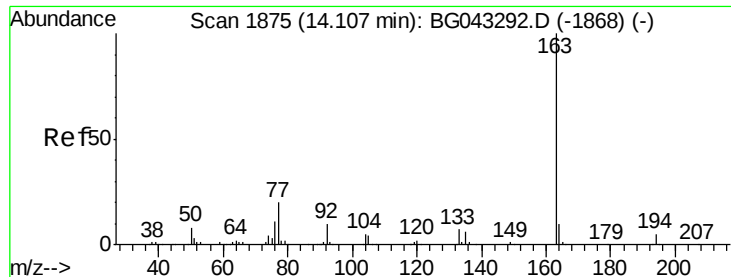
Abundance

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: 7.077 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG043470.D

Acq: 1 Nov 2019 17:57

Instrument :

BNA_G

ClientSampleId :

20190938-COMPOSITE-A

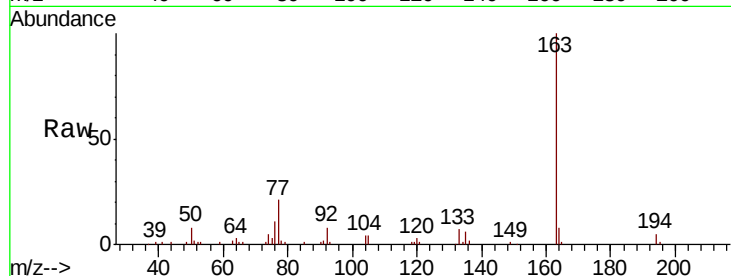
Tot Ion:163 Resp: 65142

Ion Ratio Lower Upper

163 100

194 5.1 3.7 5.5

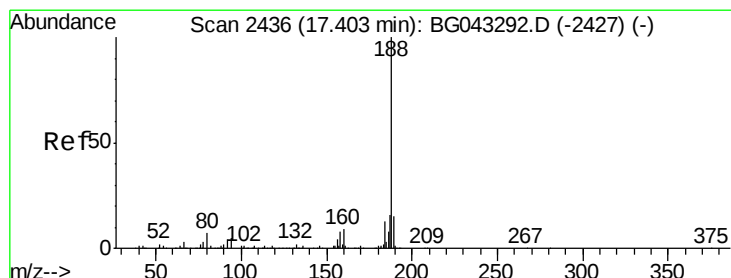
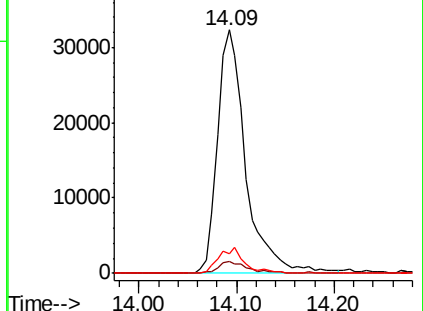
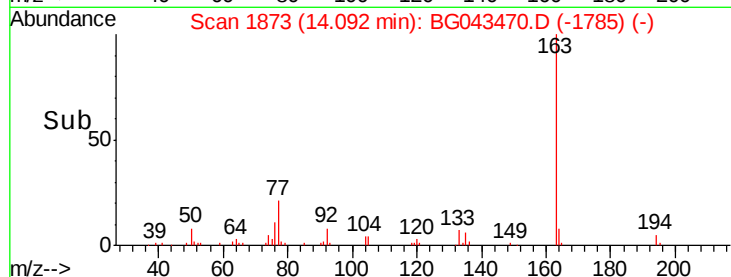
164 8.2 8.1 12.1



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: BG043470.D

Acq: 1 Nov 2019 17:57

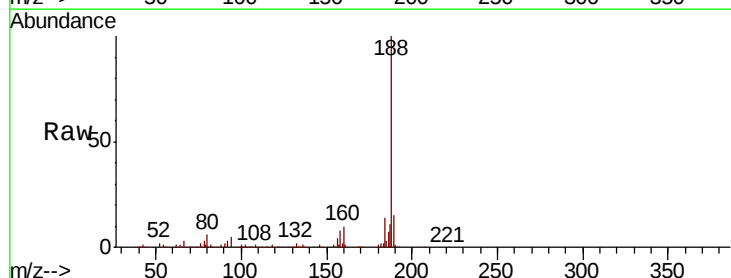
Tgt Ion:188 Resp: 288717

Ion Ratio Lower Upper

188 100

94 5.2 4.2 6.2

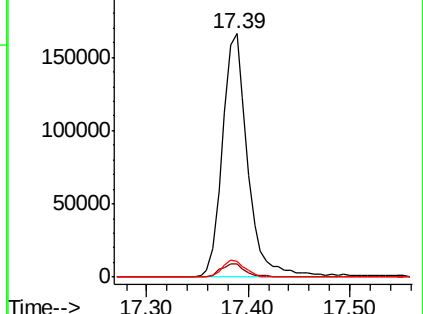
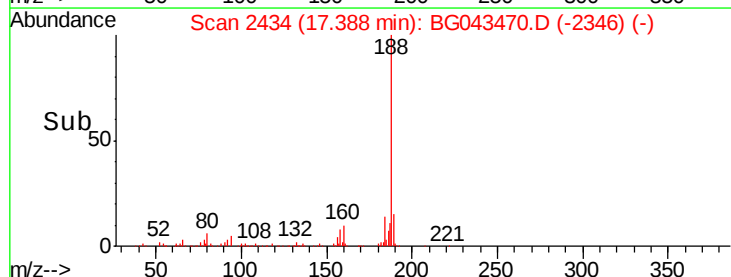
80 6.5 5.2 7.8

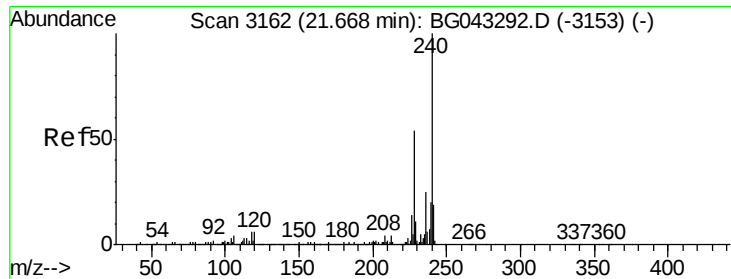


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

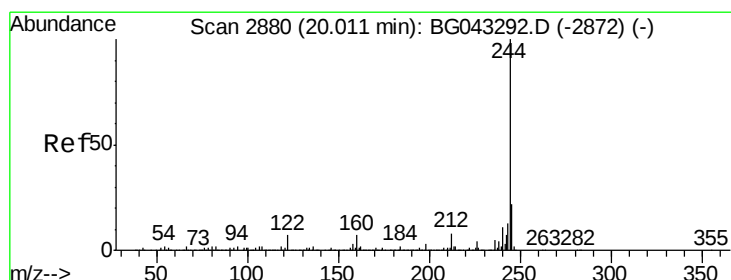
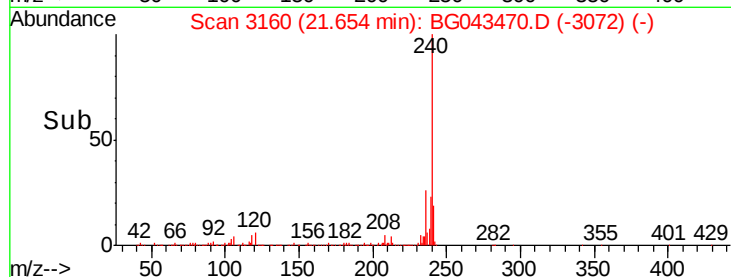
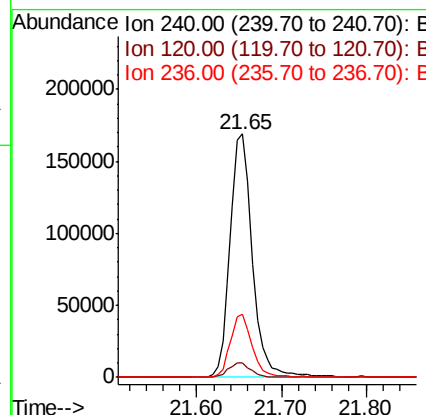
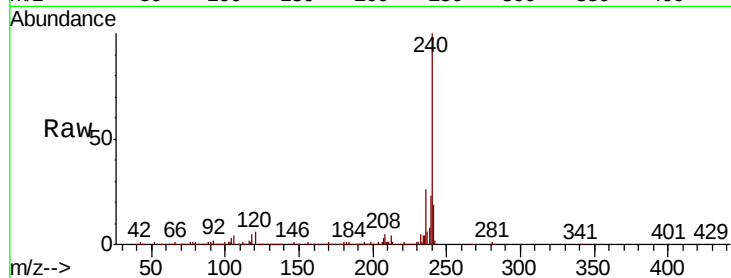




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043470.D
Acq: 1 Nov 2019 17:57

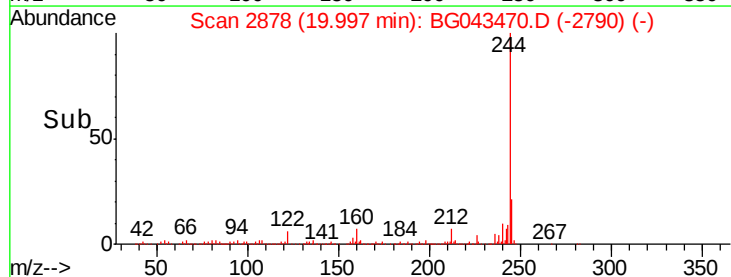
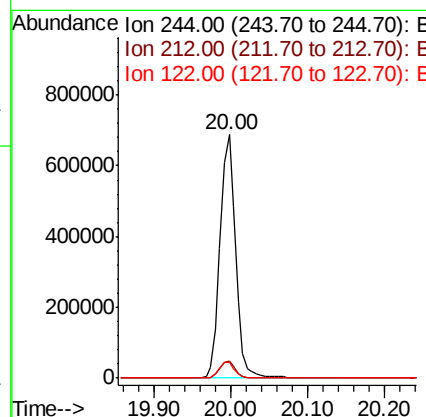
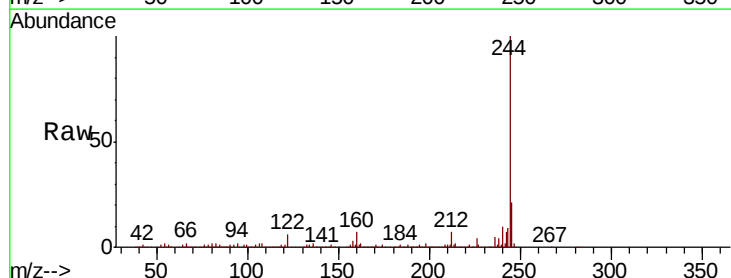
Instrument :
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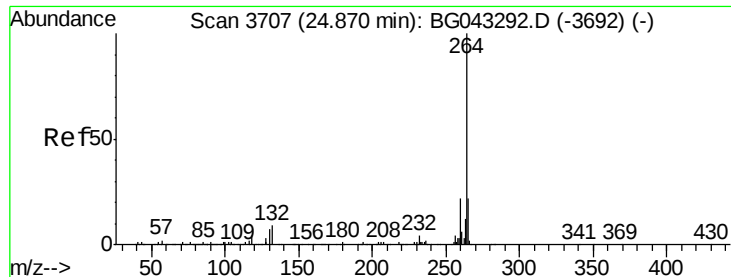
Tot Ion:240 Resp: 308259
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 26.0 20.2 30.4



#79
Terphenyl-d14
Concen: 58.375 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG043470.D
Acq: 1 Nov 2019 17:57

Tgt Ion:244 Resp: 959174
Ion Ratio Lower Upper
244 100
212 7.1 6.4 9.6
122 6.3 5.3 7.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3702
 Delta R.T. -0.03 min
 Lab File: BG043470.D
 Acq: 1 Nov 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 20190938-COMPOSITE-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.9	26.9
265	20.7	17.4	26.2

