

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043467.D
 Acq On : 1 Nov 2019 16:02
 Operator : JU
 Sample : K5602-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190942-AMENDED-COMPOSITE-

Quant Time: Nov 01 23:54:27 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

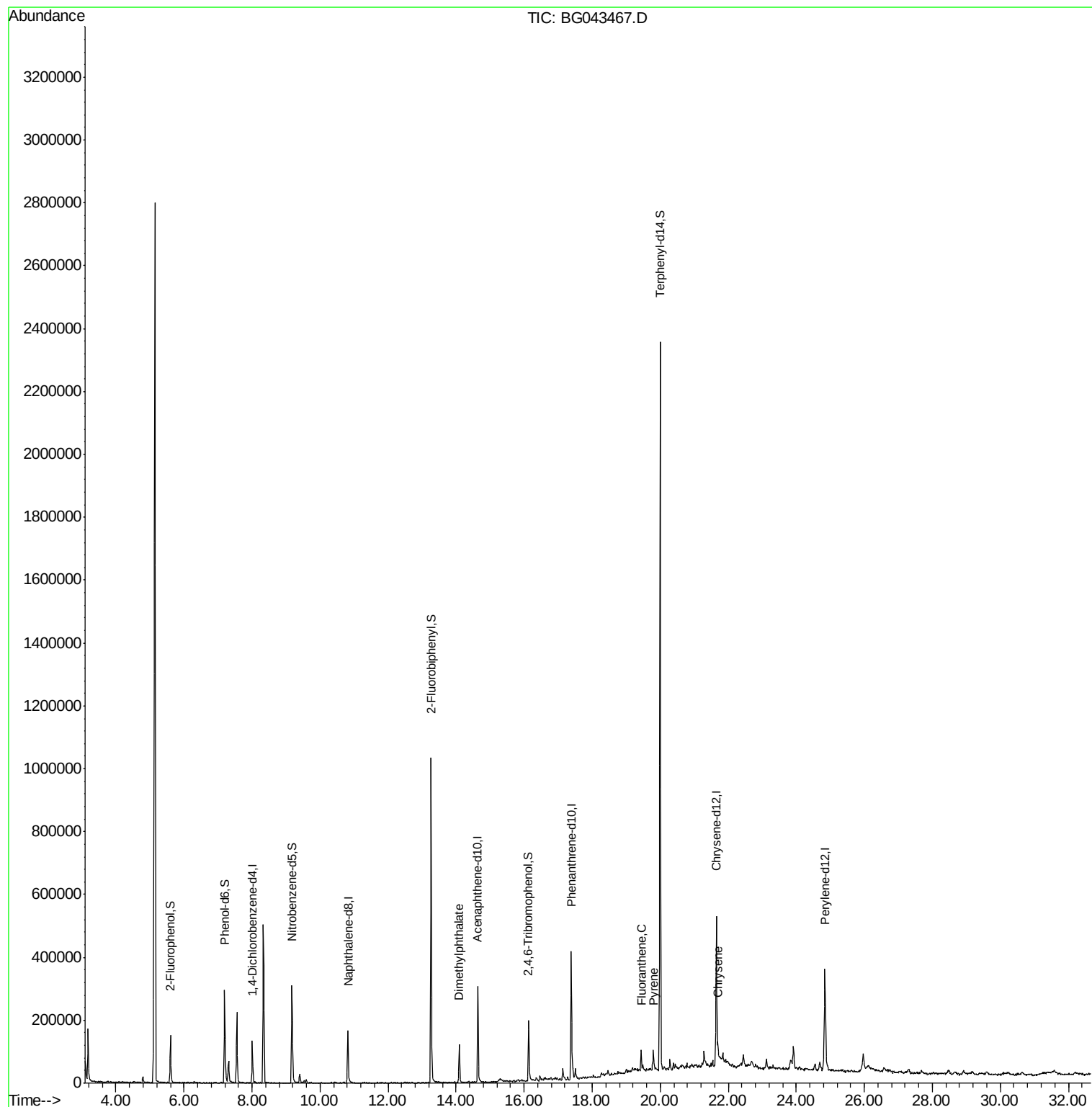
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	42327	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	163281	20.00	ng	-0.01
39) Acenaphthene-d10	14.64	164	119008	20.00	ng	-0.01
64) Phenanthrene-d10	17.39	188	283564	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	299171	20.00	ng	-0.01
87) Perylene-d12	24.84	264	350734	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	70981	30.73	ng	0.00
7) Phenol-d6	7.20	99	196590	59.15	ng	0.00
23) Nitrobenzene-d5	9.17	82	209515	66.15	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	52152	23.03	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	595249	69.11	ng	-0.01
79) Terphenyl-d14	20.00	244	1206516	75.66	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.09	163	93743	10.170	ng	Qvalue # 98
75) Fluoranthene	19.44	202	46022	2.431	ng	95
78) Pyrene	19.80	202	45629	2.464	ng	97
83) Chrysene	21.69	228	41950	2.253	ng	94

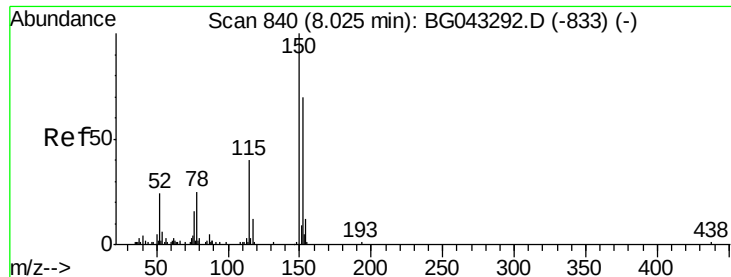
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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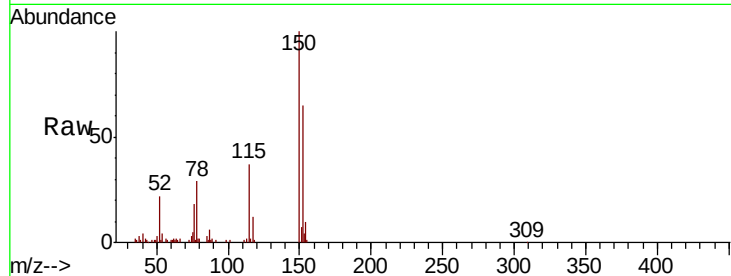


#1

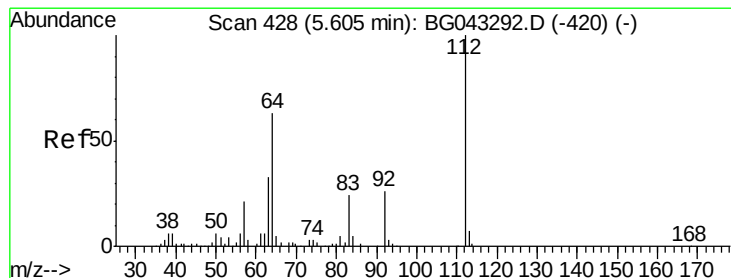
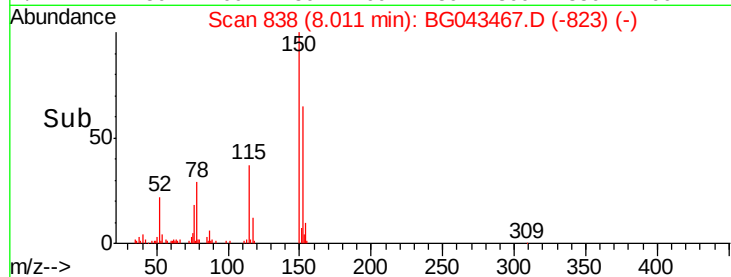
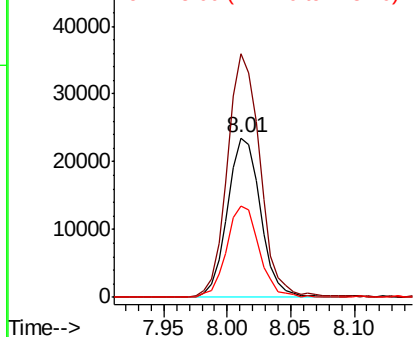
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

Instrument :
BNA_G
ClientSampleId :
20190942-AMENDED-COMPOSITE-

Tot Ion:152 Resp: 42327
Ion Ratio Lower Upper
152 100
150 153.0 113.6 170.4
115 57.0 45.9 68.9



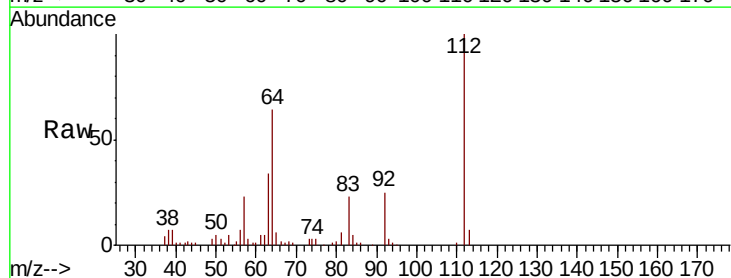
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



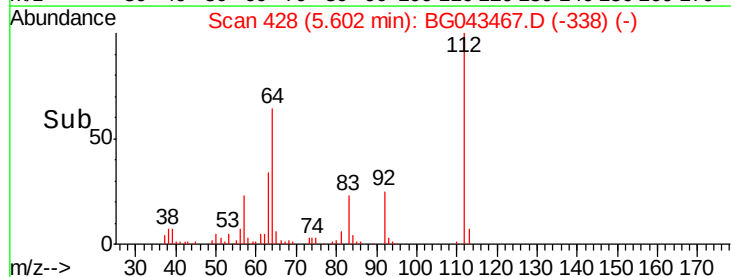
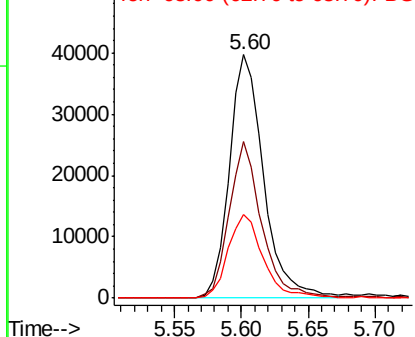
#5

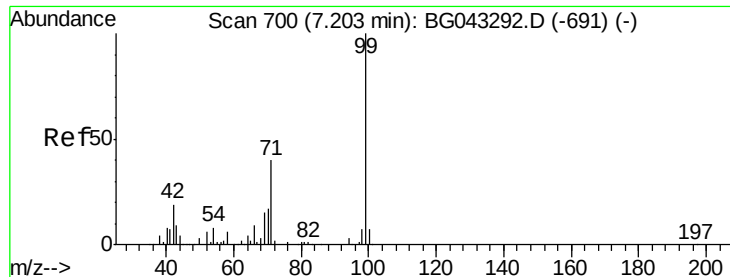
2-Fluorophenol
Concen: 30.730 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

Tgt Ion:112 Resp: 70981
Ion Ratio Lower Upper
112 100
64 64.4 50.2 75.2
63 34.3 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: 59.154 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043467.D

Acq: 1 Nov 2019 16:02

Instrument :

BNA_G

ClientSampleId :

20190942-AMENDED-COMPOSITE-

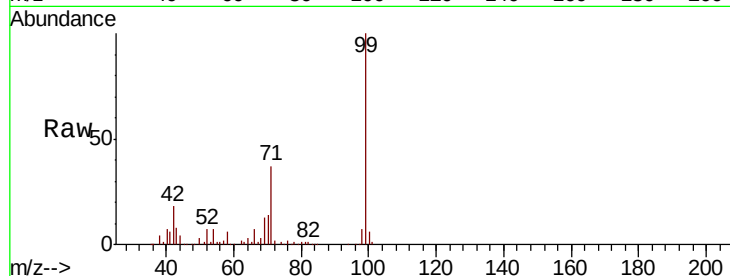
Tot Ion: 99 Resp: 196590

Ion Ratio Lower Upper

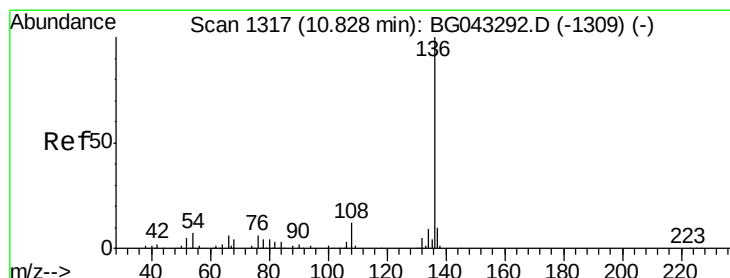
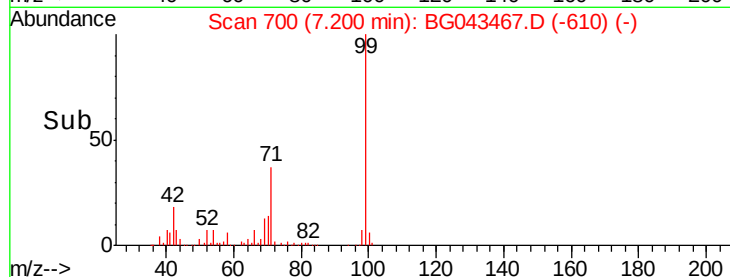
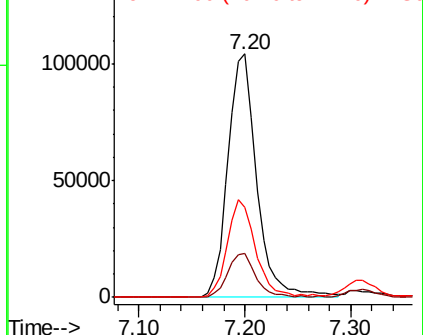
99 100

42 18.0 14.9 22.3

71 37.1 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: 10.81 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG043467.D

Acq: 1 Nov 2019 16:02

Tgt Ion: 136 Resp: 163281

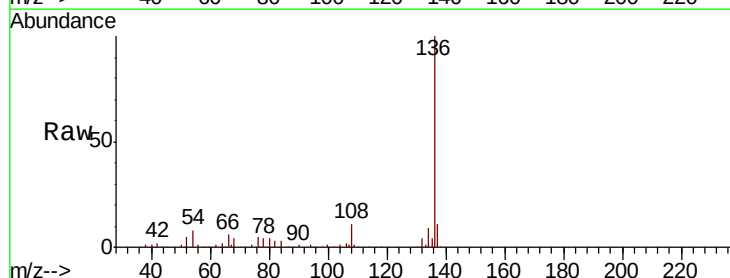
Ion Ratio Lower Upper

136 100

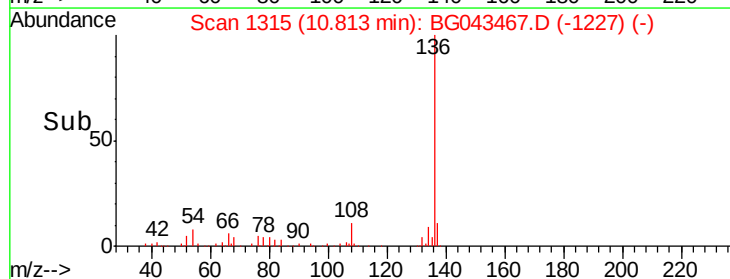
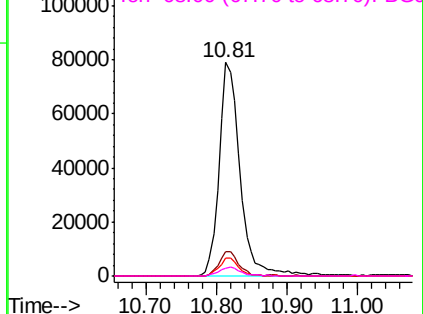
137 11.2 8.2 12.2

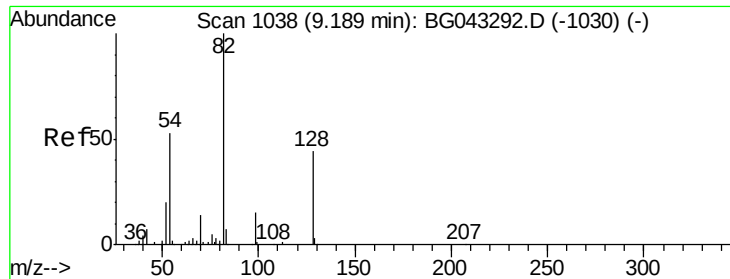
54 8.5 5.4 8.2#

68 3.8 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

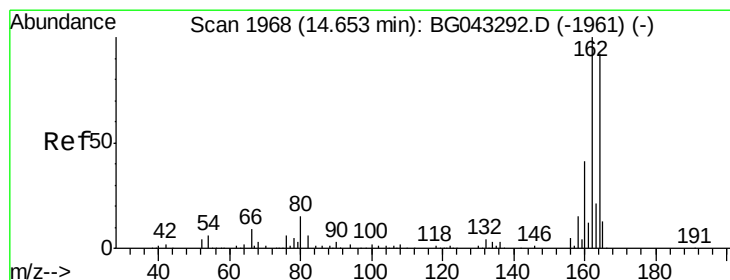
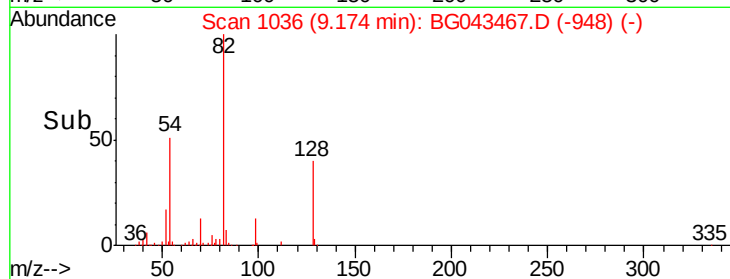
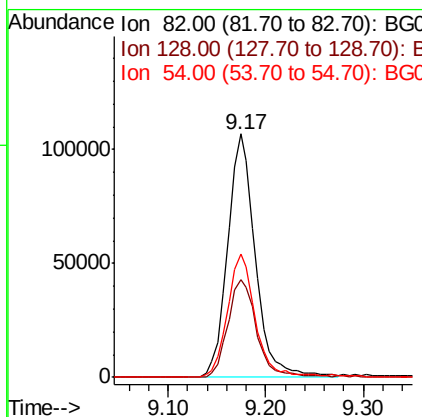
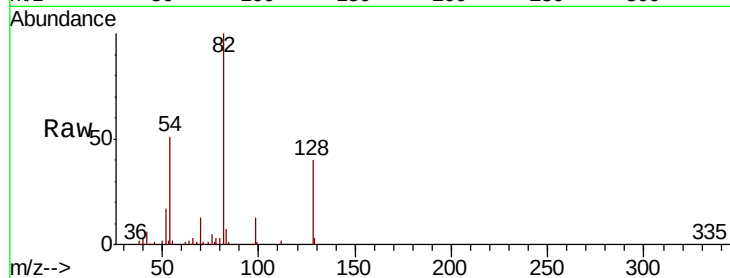




#23
Nitrobenzene-d5
Concen: 66.152 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

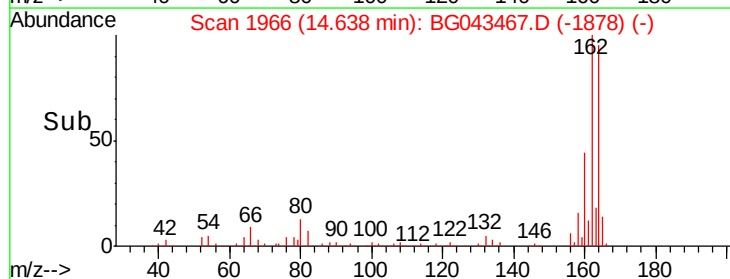
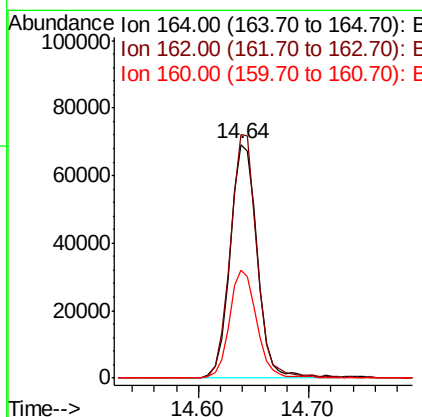
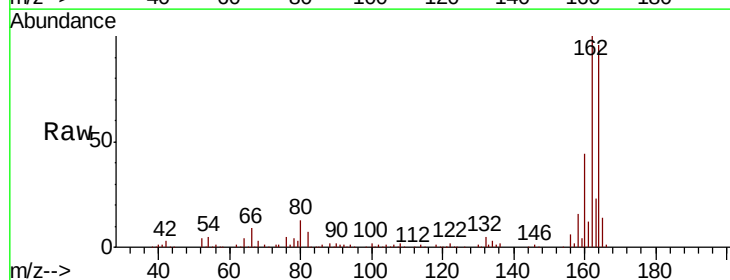
Instrument :
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20190942-AMENDED-COMPOSITE-

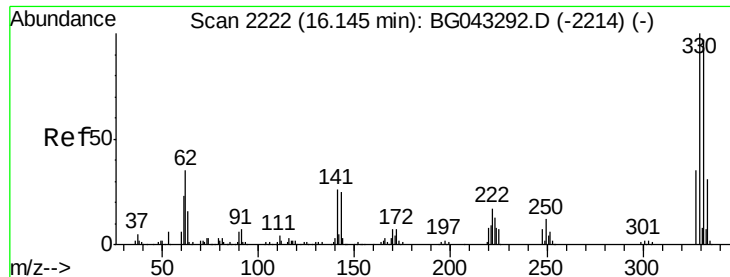
Tot Ion	82	Resp	209515
Ion Ratio	100	Lower	Upper
128	39.9	35.3	52.9
54	50.6	42.3	63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

Tgt Ion	164	Resp	119008
Ion Ratio	100	Lower	Upper
162	104.2	87.0	130.4
160	46.0	35.5	53.3

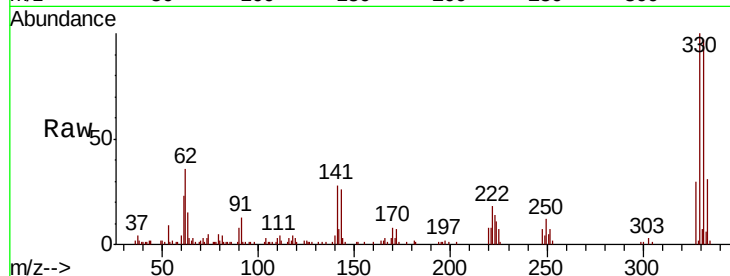




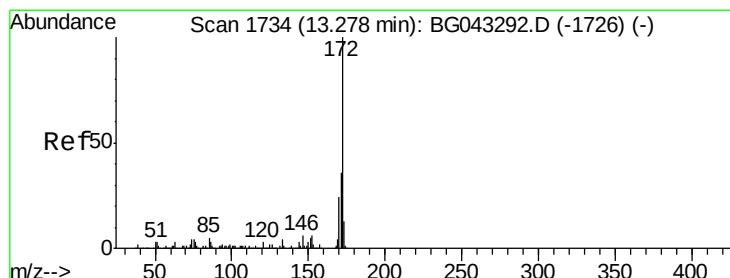
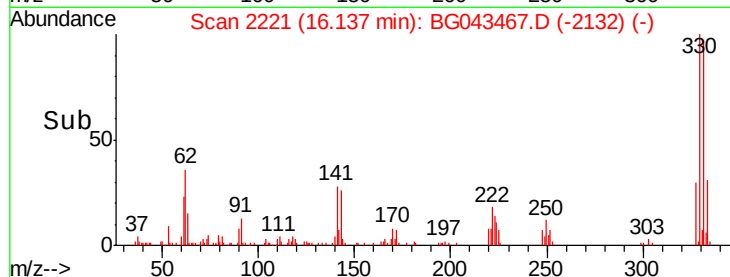
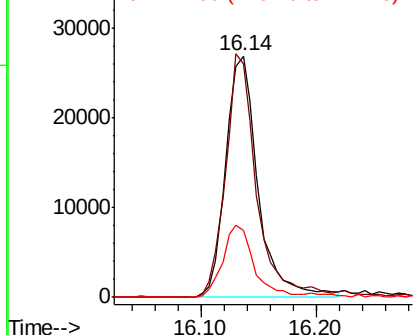
#42
 2,4,6-Tribromophenol
 Concen: 23.028 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043467.D
 Acq: 1 Nov 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :
 20190942-AMENDED-COMPOSITE-

Tot Ion:330 Resp: 52152
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.4 114.6
 141 28.7 21.4 32.0

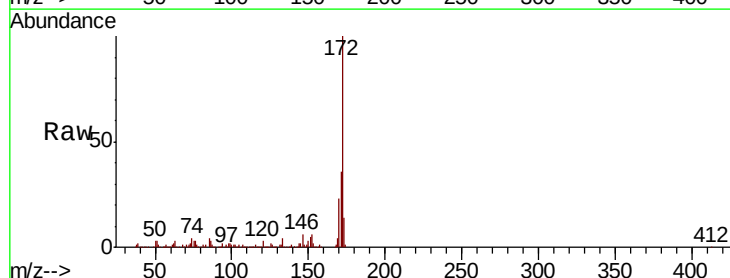


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

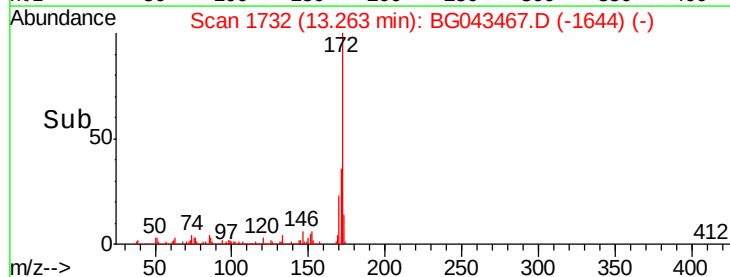
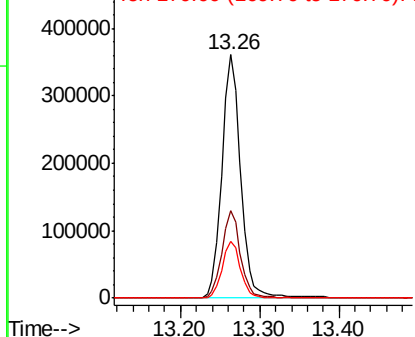


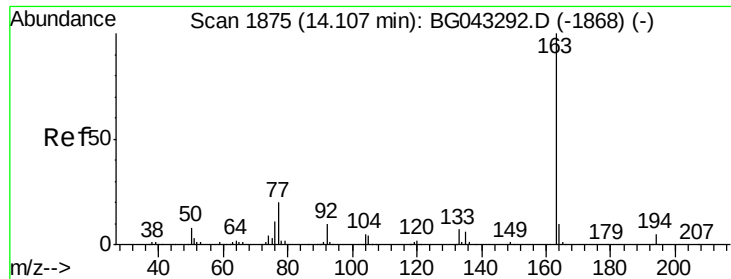
#45
 2-Fluorobiphenyl
 Concen: 69.114 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG043467.D
 Acq: 1 Nov 2019 16:02

Tgt Ion:172 Resp: 595249
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 23.2 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: 10.170 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG043467.D

Acq: 1 Nov 2019 16:02

Instrument :

BNA_G

ClientSampleId :

20190942-AMENDED-COMPOSITE-

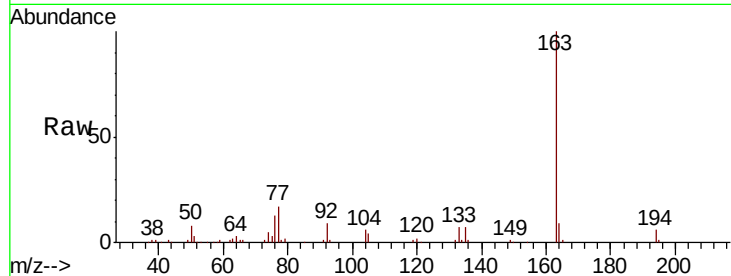
Tot Ion:163 Resp: 93743

Ion Ratio Lower Upper

163 100

194 5.6 3.7 5.5#

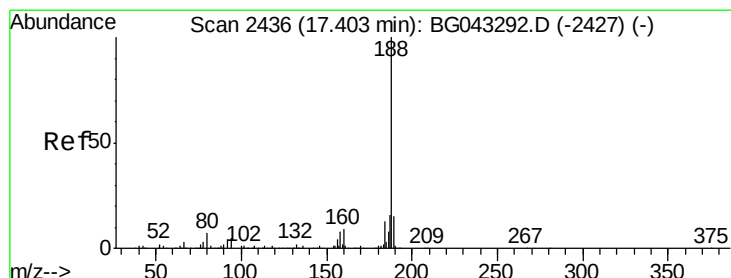
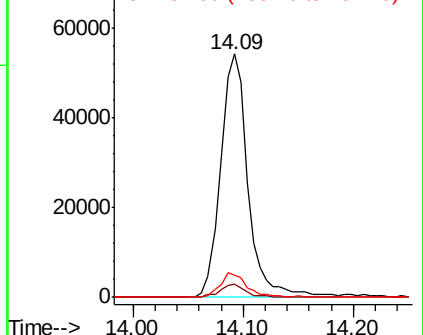
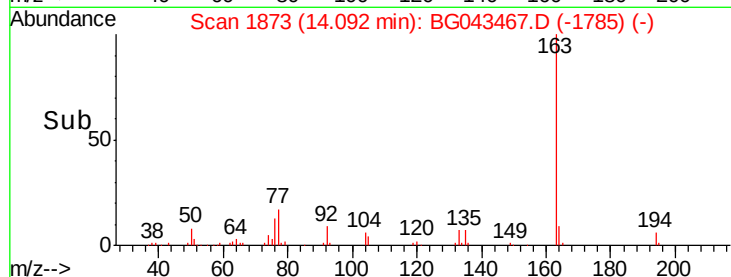
164 9.3 8.1 12.1



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: BG043467.D

Acq: 1 Nov 2019 16:02

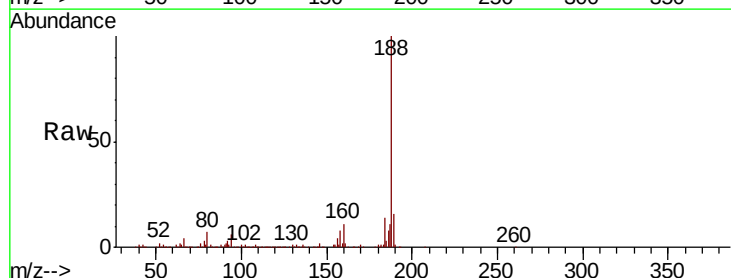
Tgt Ion:188 Resp: 283564

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.2

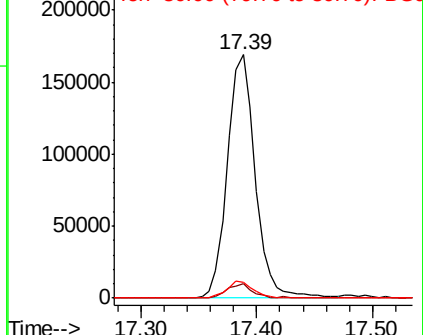
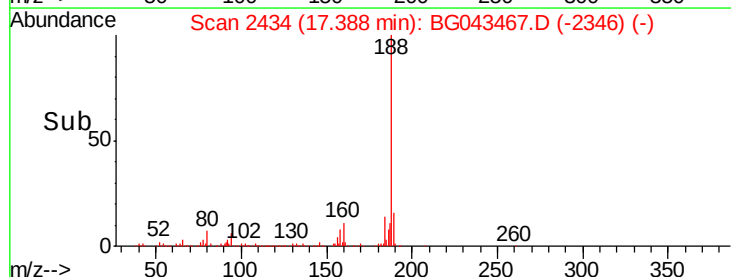
80 6.6 5.2 7.8

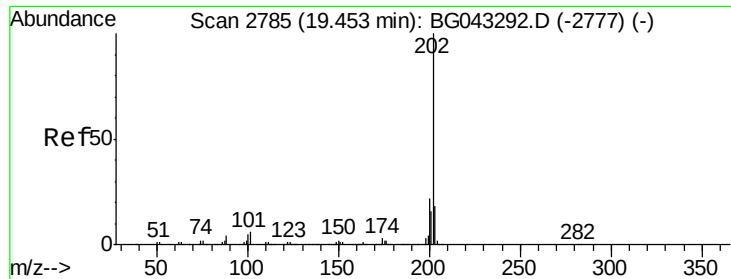


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Fluoranthene

Concen: 2.431 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG043467.D

Acq: 1 Nov 2019 16:02

Instrument :

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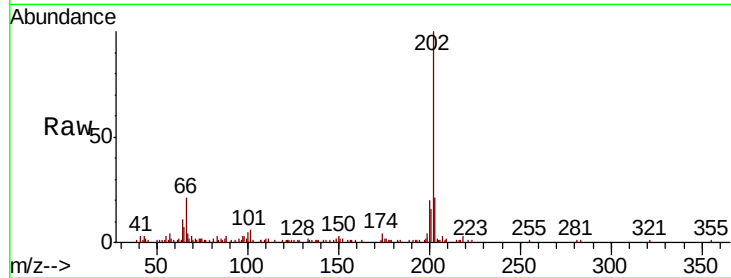
Tot Ion:202 Resp: 46022

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.0

203 20.8 0.0 38.2

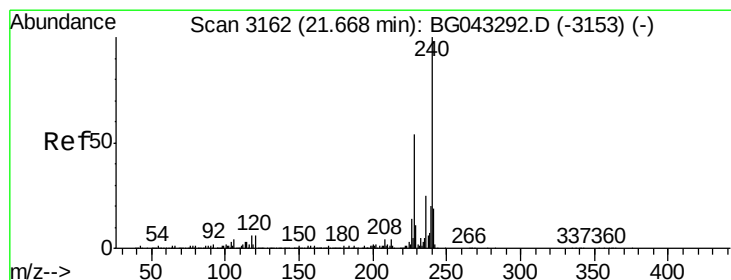
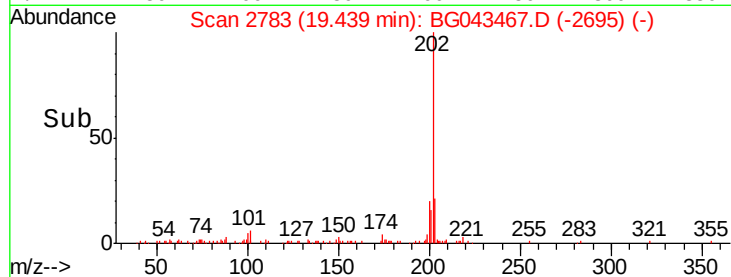
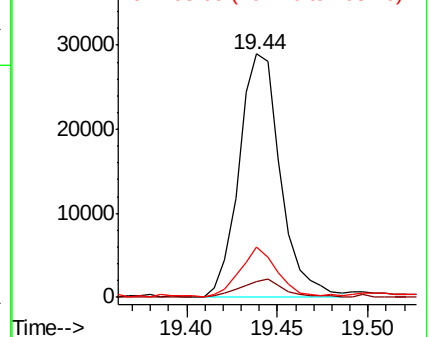


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043467.D

Acq: 1 Nov 2019 16:02

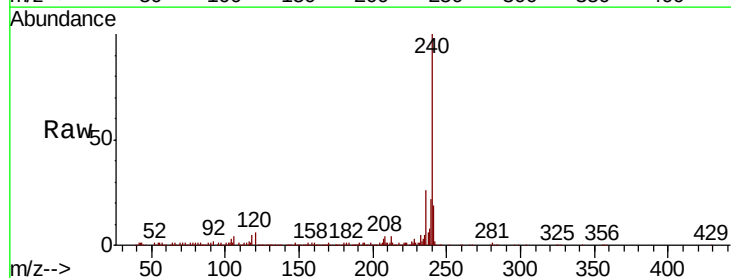
Tgt Ion:240 Resp: 299171

Ion Ratio Lower Upper

240 100

120 5.7 4.6 7.0

236 26.0 20.2 30.4

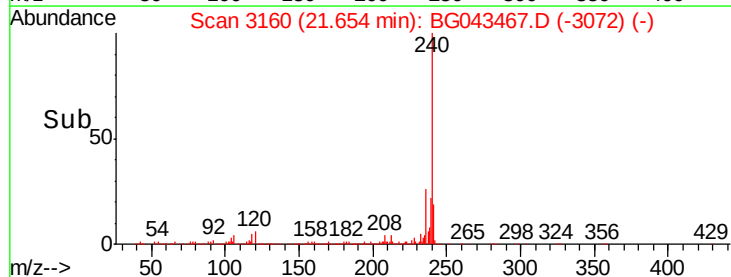
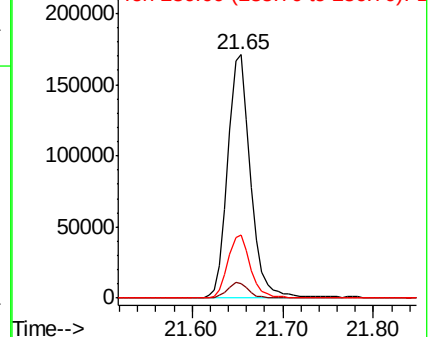


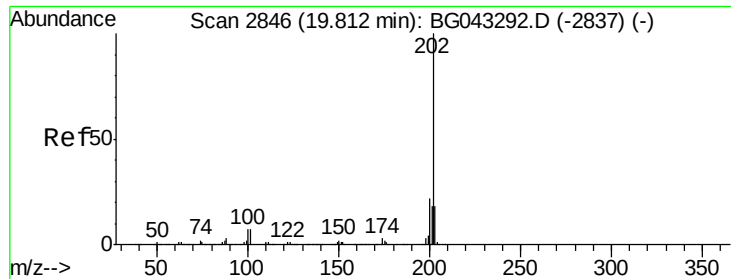
Abundance

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

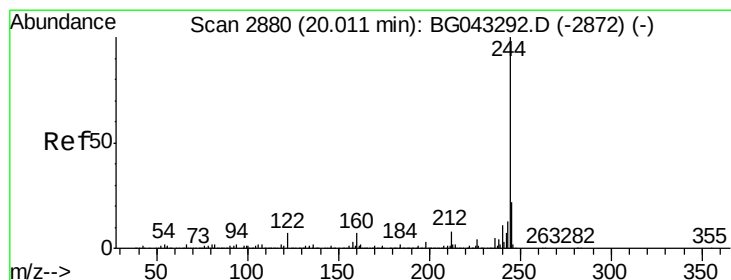
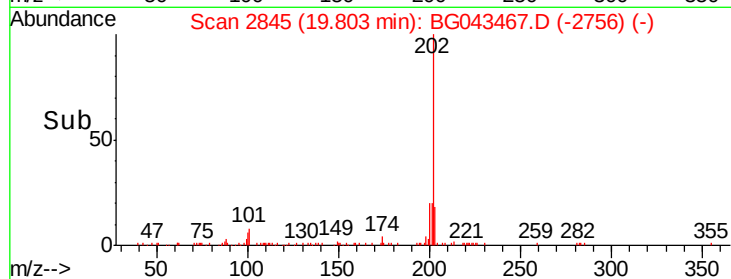
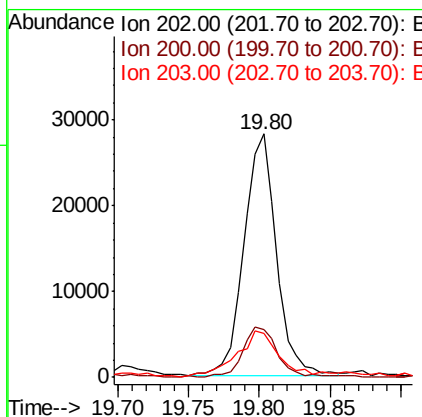
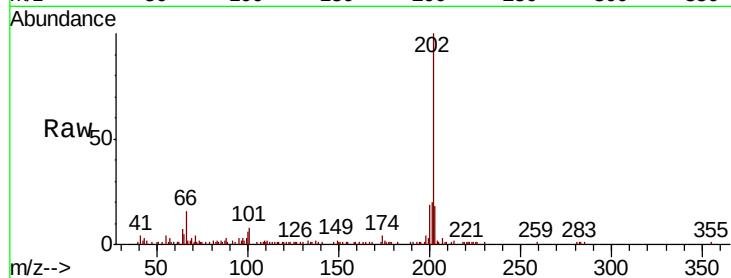




#78
 Pvrene
 Concen: 2.464 ng
 RT: 19.80 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BG043467.D
 Acq: 1 Nov 2019 16:02

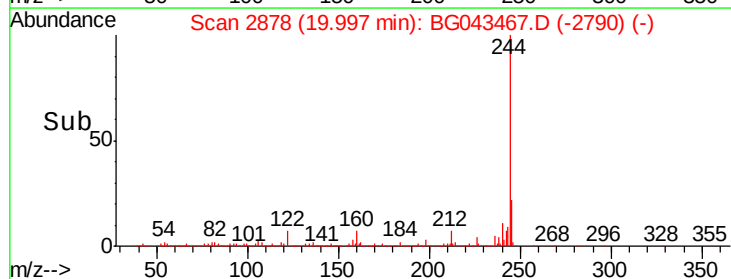
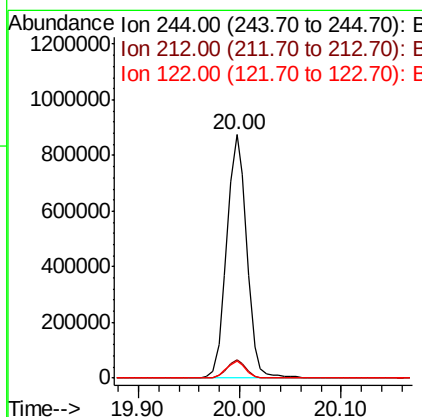
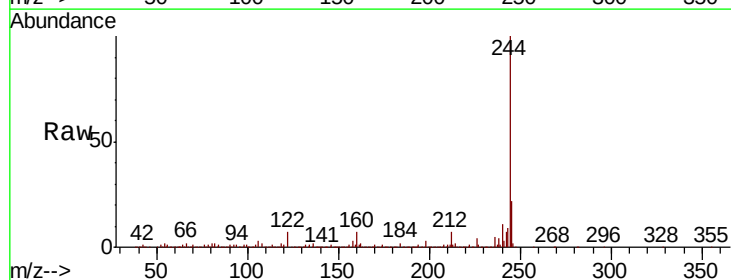
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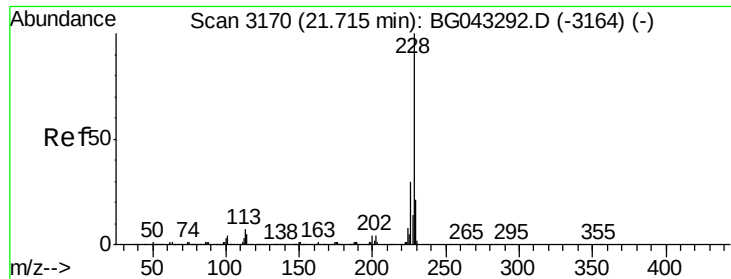
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.3	25.9
203	18.0	14.5	21.7



#79
 Terphenyl-d14
 Concen: 75.659 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG043467.D
 Acq: 1 Nov 2019 16:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	6.8	5.3	7.9

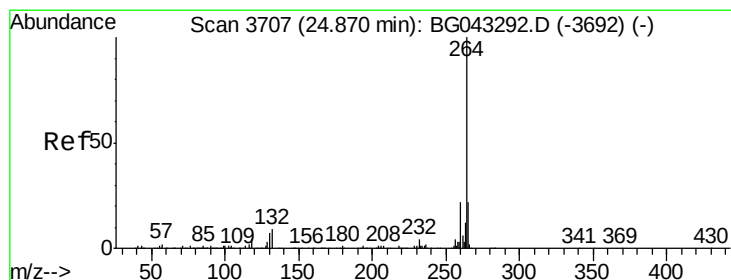
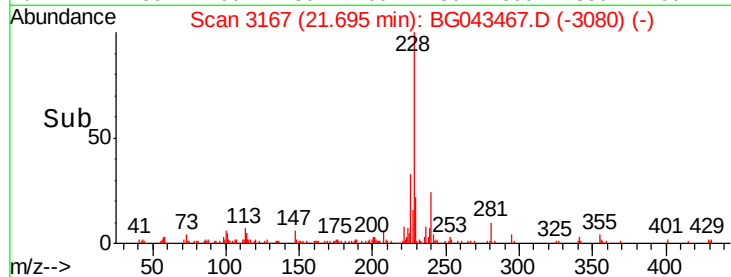
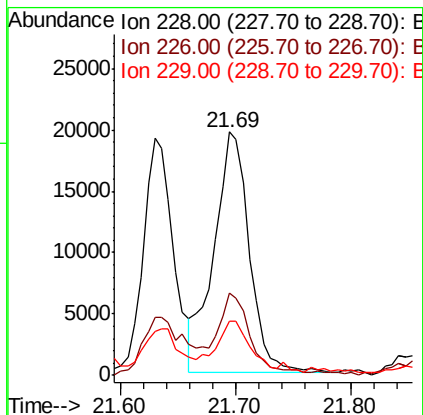
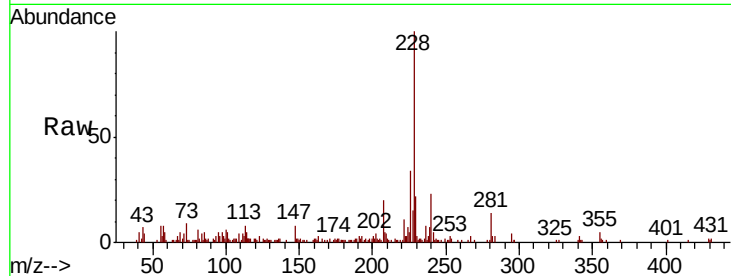




#83
Chrysene
Concen: 2.253 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

Instrument :
BNA_G
ClientSampleId :
20190942-AMENDED-COMPOSITE-

Tot Ion:228 Resp: 41950
Ion Ratio Lower Upper
228 100
226 33.8 23.8 35.8
229 22.2 16.3 24.5



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3703
Delta R.T. -0.03 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

Tgt Ion:264 Resp: 350734
Ion Ratio Lower Upper
264 100
260 22.5 17.9 26.9
265 21.0 17.4 26.2

