

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 22 05:36:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

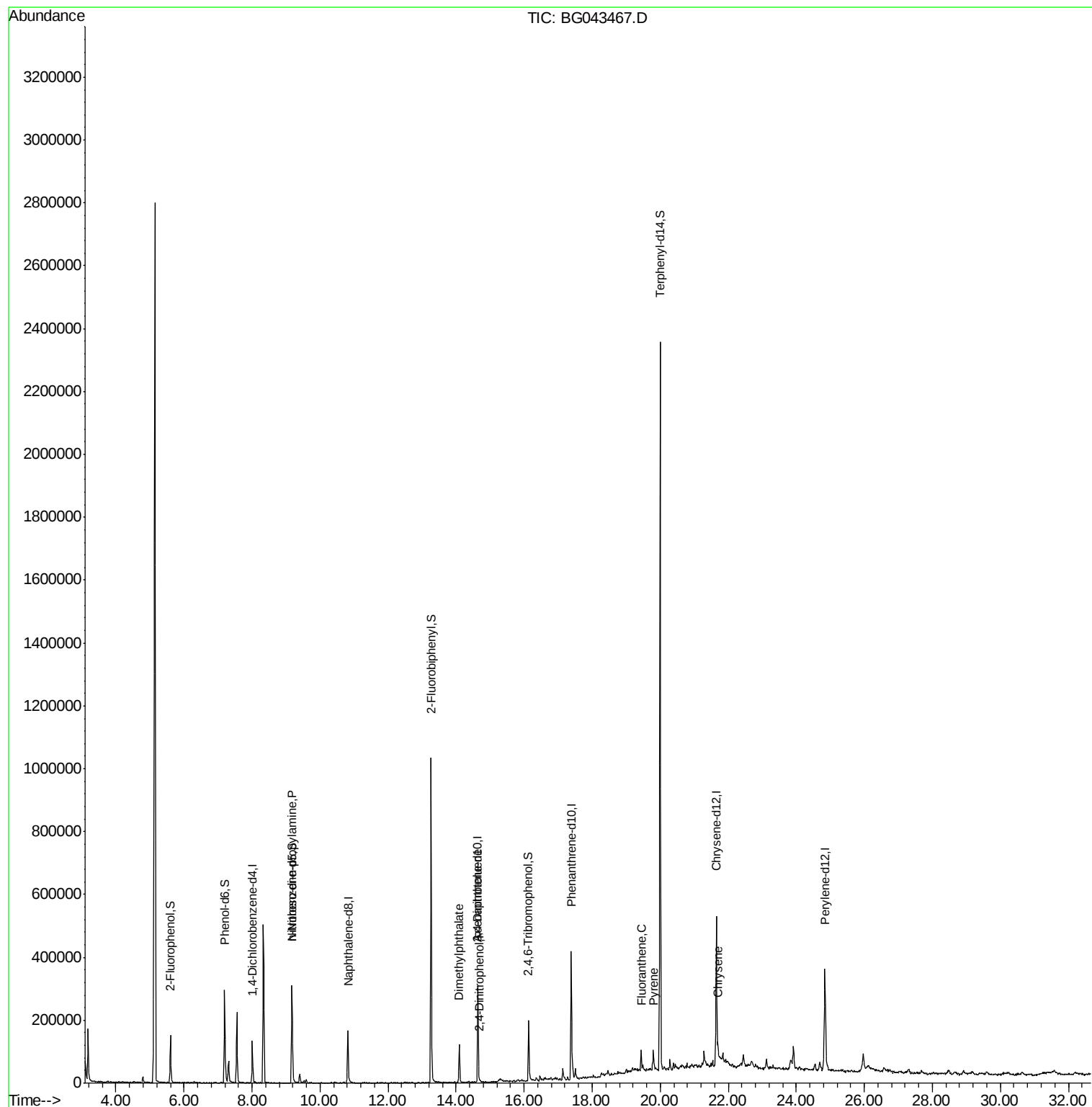
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	42055	20.00	ng	0.02
21) Naphthalene-d8	10.81	136	163281	20.00	ng	0.02
39) Acenaphthene-d10	14.64	164	119008	20.00	ng	0.01
64) Phenanthrene-d10	17.39	188	283564	20.00	ng	0.02
76) Chrysene-d12	21.65	240	299171	20.00	ng	0.02
87) Perylene-d12	24.84	264	350734	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	70981	30.93	ng	0.02
7) Phenol-d6	7.20	99	196590	59.54	ng	0.01
23) Nitrobenzene-d5	9.17	82	209515	66.15	ng	0.02
42) 2,4,6-Tribromophenol	16.14	330	52152	23.03	ng	0.02
45) 2-Fluorobiphenyl	13.26	172	595249	69.11	ng	0.02
79) Terphenyl-d14	20.00	244	1206516	75.66	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	28798	13.497	ng	Qvalue # 75
50) Dimethylphthalate	14.09	163	93743	10.170	ng	97
54) 2,4-Dinitrophenol	14.67	184	73	7.336	ng	# 13
57) 2,4-Dinitrotoluene	14.64	165	17057	5.960	ng	# 28
75) Fluoranthene	19.44	202	46022	2.431	ng	94
78) Pyrene	19.80	202	45629	2.464	ng	98
83) Chrysene	21.69	228	41950	2.253	ng	93

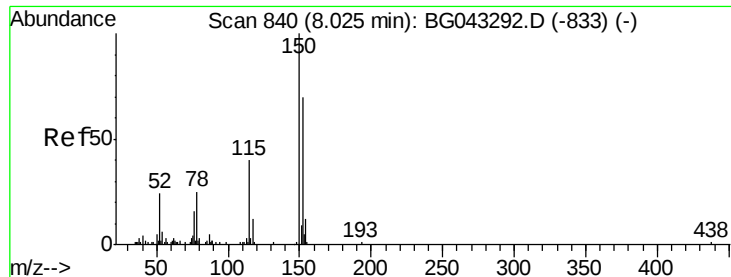
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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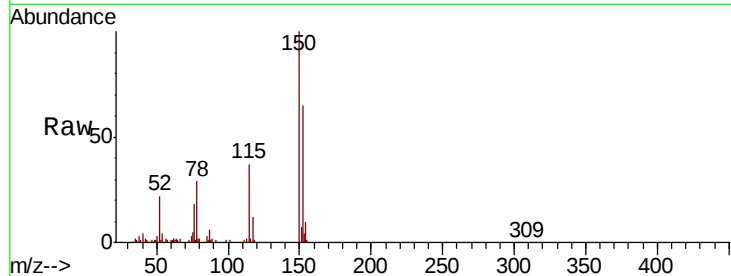


#1

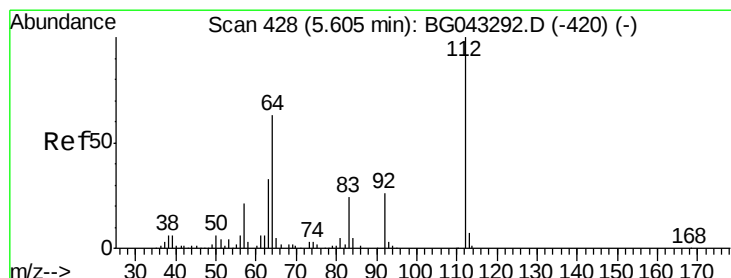
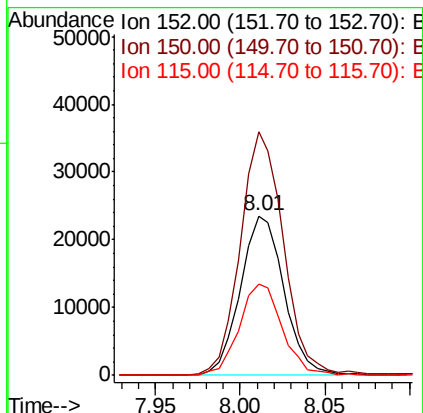
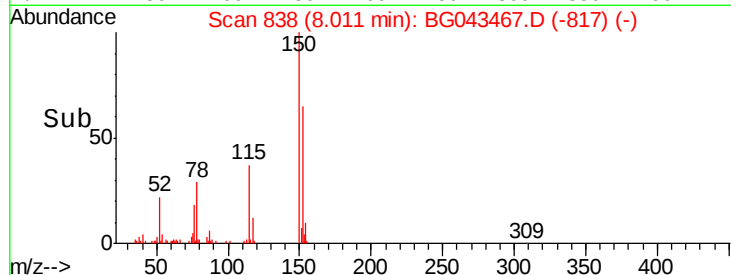
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.02 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

Instrument :
BNA_G
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Tot Ion:152 Resp: 42055
Ion Ratio Lower Upper
152 100
150 153.0 116.6 175.0
115 57.0 40.5 60.7



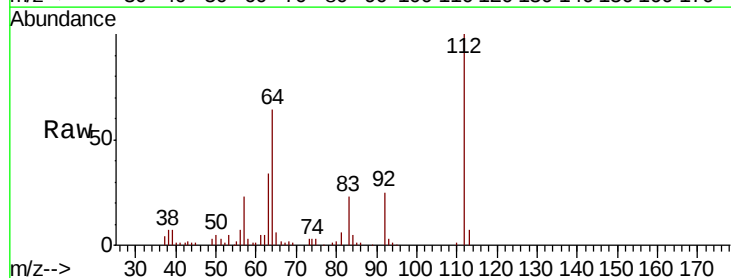
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



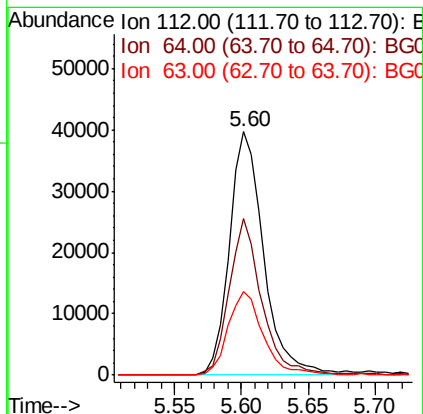
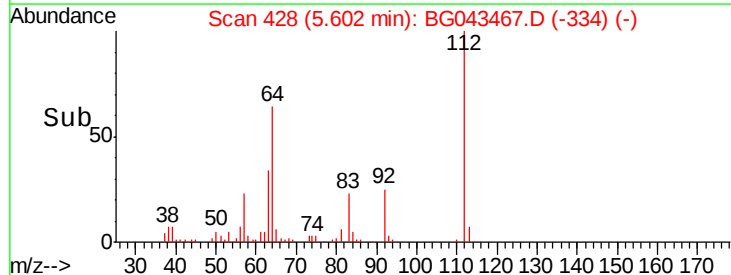
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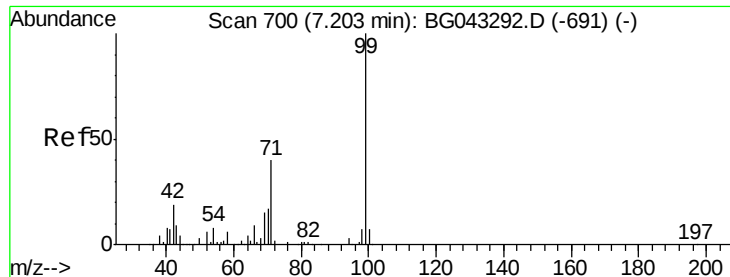
2-Fluorophenol
Concen: 30.928 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.02 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

Tgt Ion:112 Resp: 70981
Ion Ratio Lower Upper
112 100
64 64.4 50.6 75.8
63 34.3 30.5 45.7



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: 59.537 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043467.D

Acq: 1 Nov 2019 16:02

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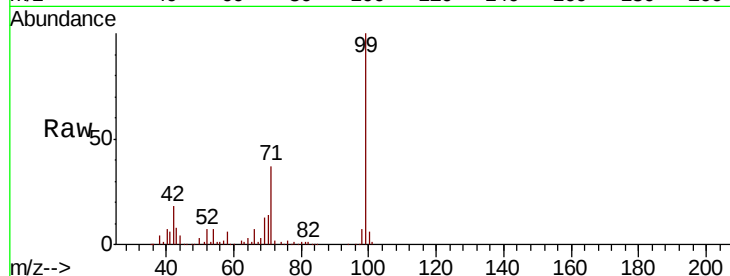
Tot Ion: 99 Resp: 196590

Ion Ratio Lower Upper

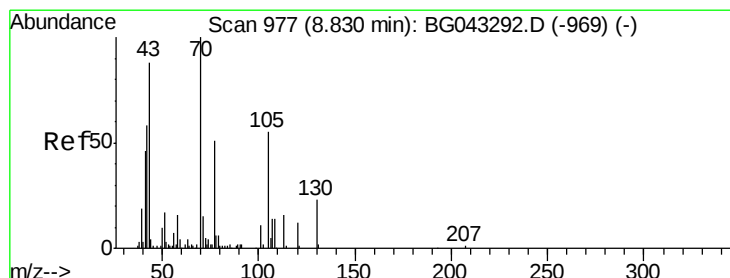
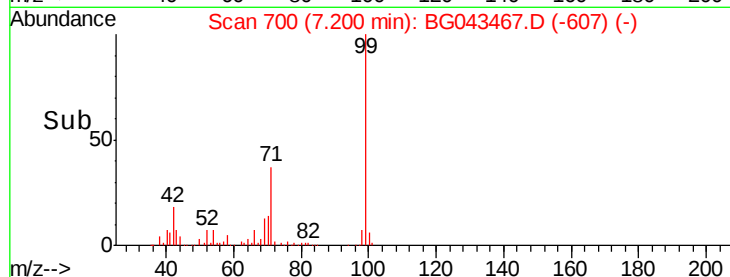
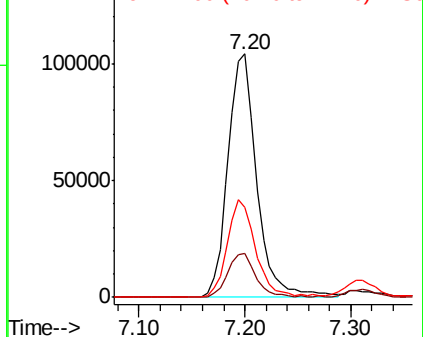
99 100

42 18.0 15.8 23.8

71 37.1 34.4 51.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.497 ng

RT: 9.17 min Scan# 1036

Delta R.T. 0.38 min

Lab File: BG043467.D

Acq: 1 Nov 2019 16:02

Tgt Ion: 70 Resp: 28798

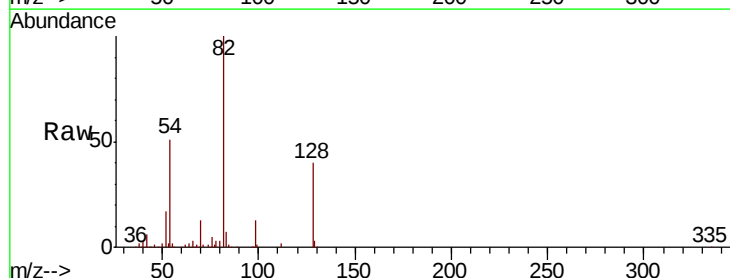
Ion Ratio Lower Upper

70 100

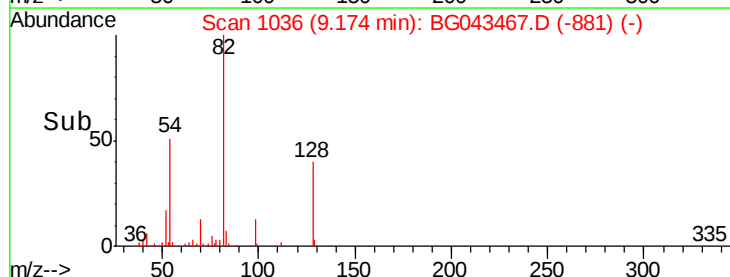
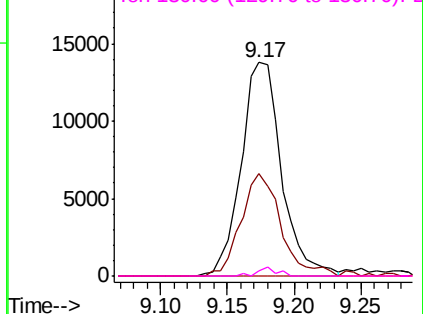
42 48.2 49.7 74.5#

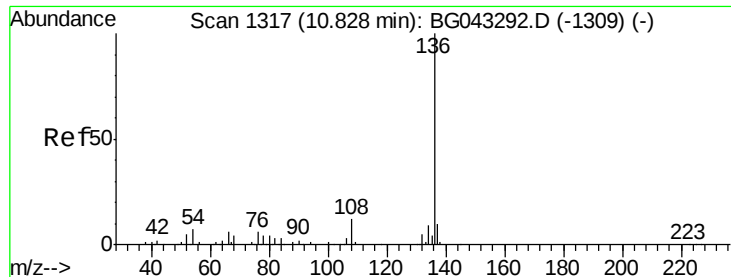
101 0.0 9.7 14.5#

130 2.6 17.7 26.5#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

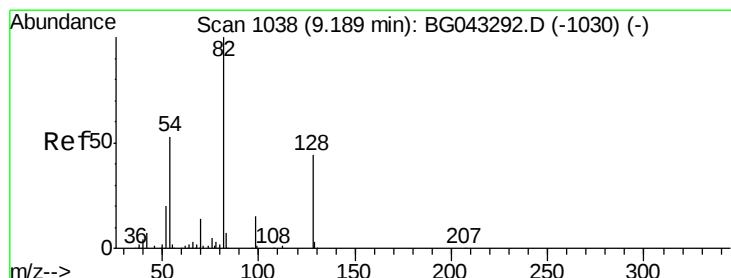
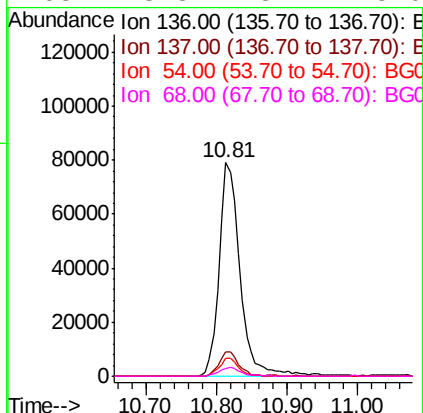
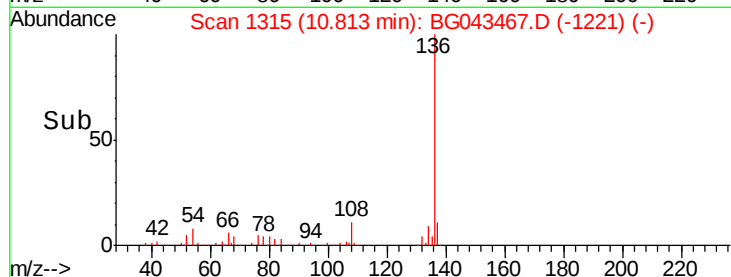
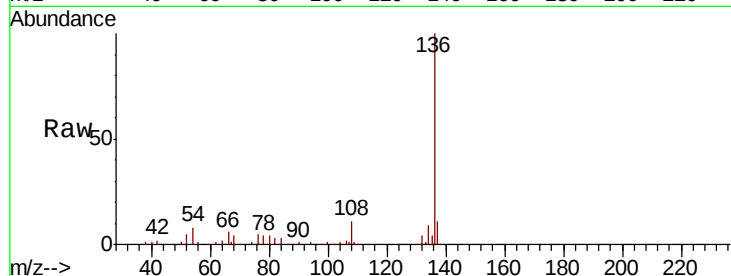




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

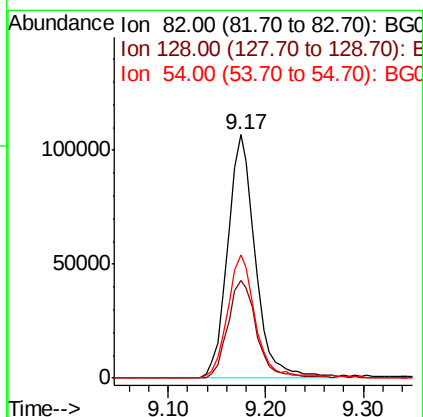
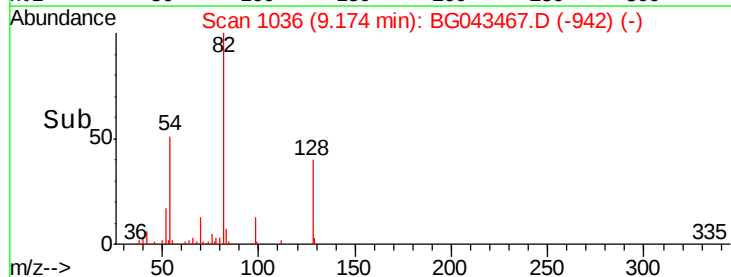
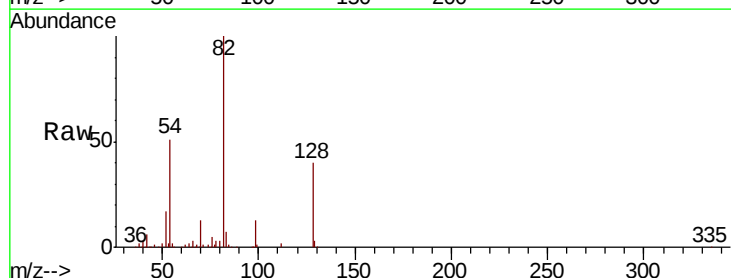
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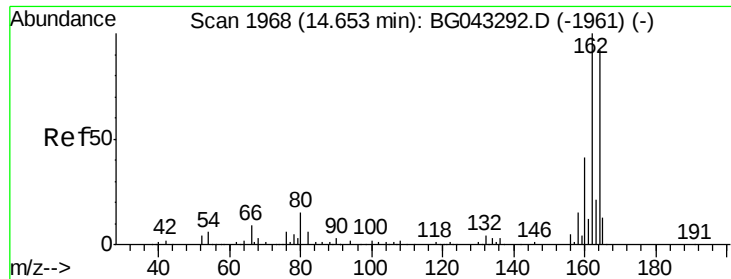
Tot Ion:136	Resp:	163281
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	8.5	6.2 9.2
68	3.8	3.4 5.0



#23
Nitrobenzene-d5
Concen: 66.152 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

Tgt Ion: 82	Resp:	209515
Ion Ratio	Lower	Upper
82	100	
128	39.9	34.2 51.4
54	50.6	44.7 67.1

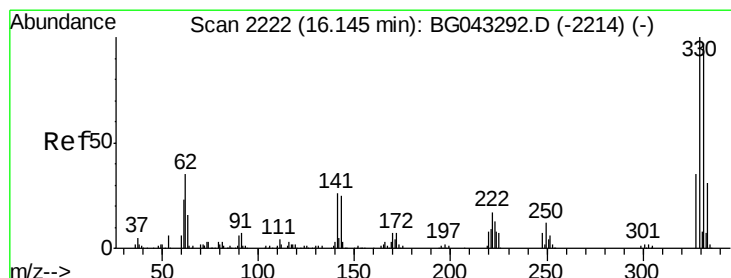
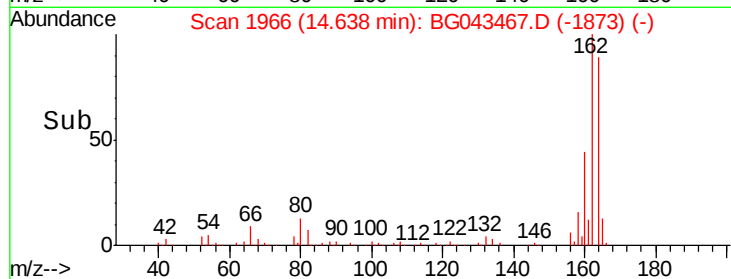
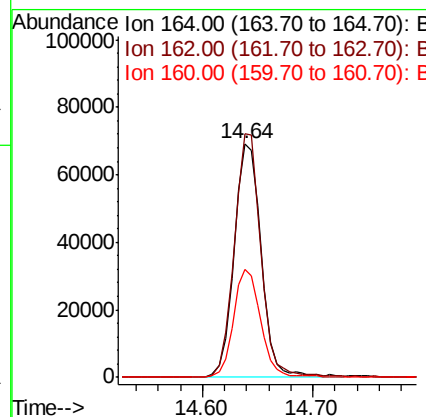
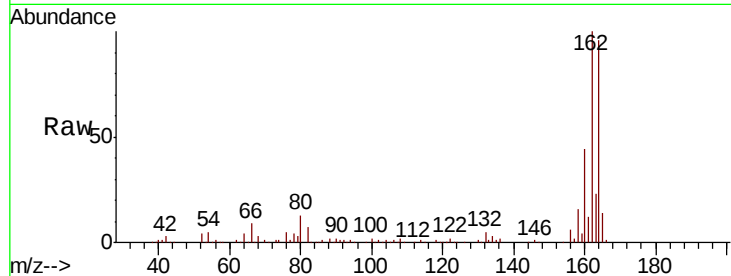




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

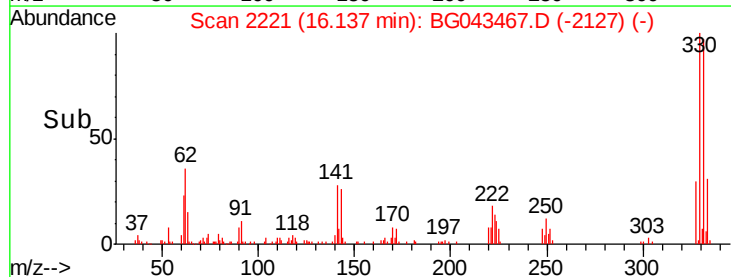
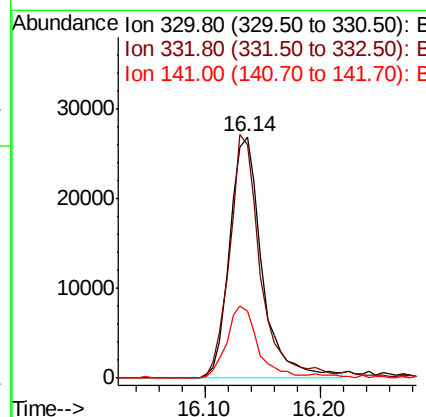
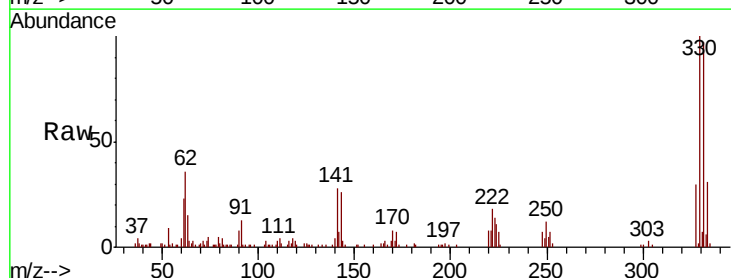
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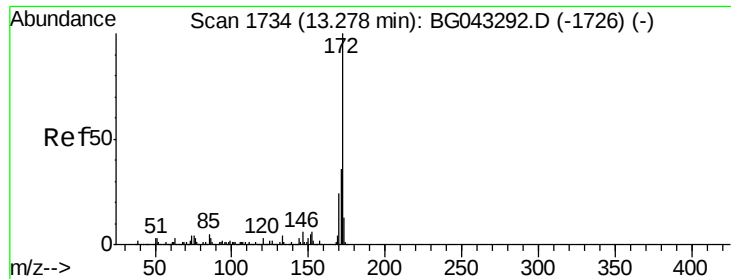
Tot Ion:164 Resp: 119008
Ion Ratio Lower Upper
164 100
162 104.2 79.4 119.2
160 46.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 23.028 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.02 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

Tgt Ion:330 Resp: 52152
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 28.7 23.4 35.2

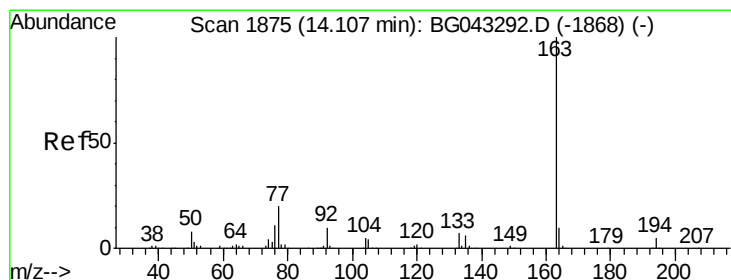
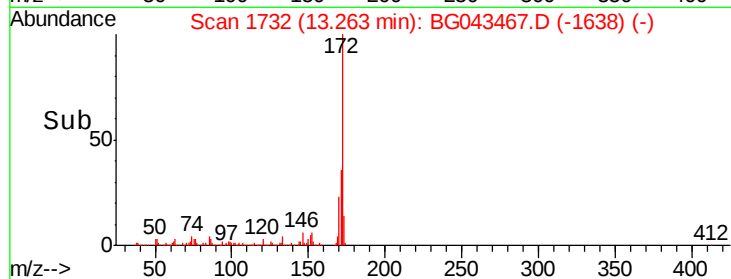
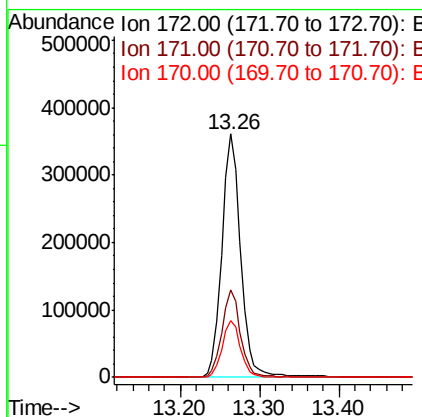
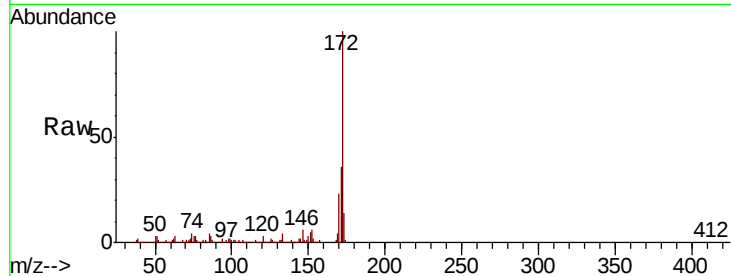




#45
2-Fluorobiphenyl
Concen: 69.114 ng
RT: 13.26 min Scan# 1732
Delta R.T. 0.02 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

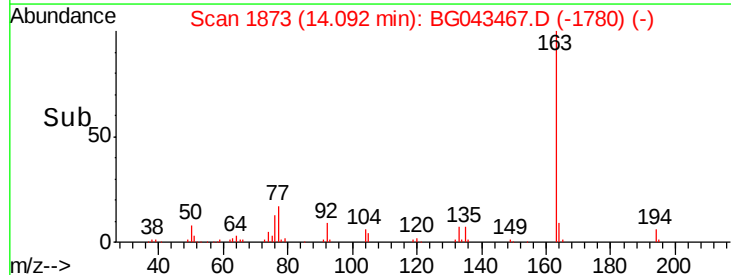
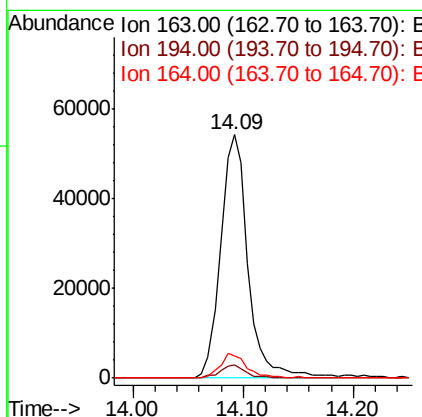
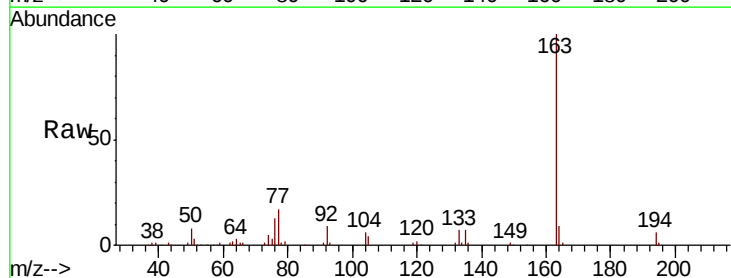
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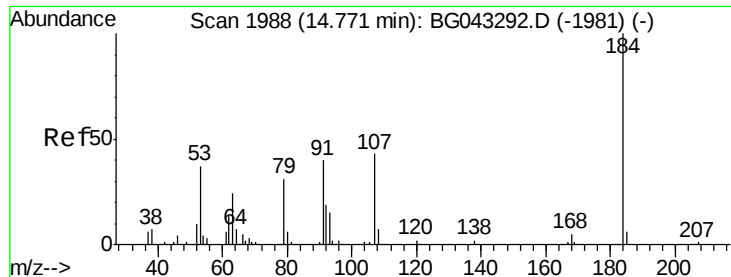
Tot Ion:172 Resp: 595249
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 23.2 18.8 28.2



#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

Tgt Ion:163 Resp: 93743
Ion Ratio Lower Upper
163 100
194 5.6 3.8 5.8
164 9.3 8.5 12.7

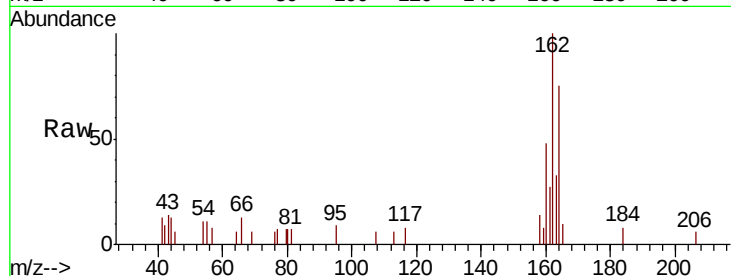




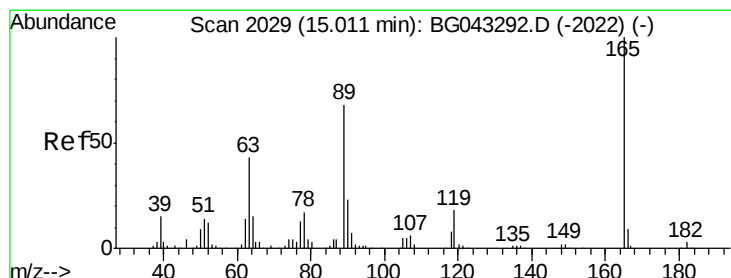
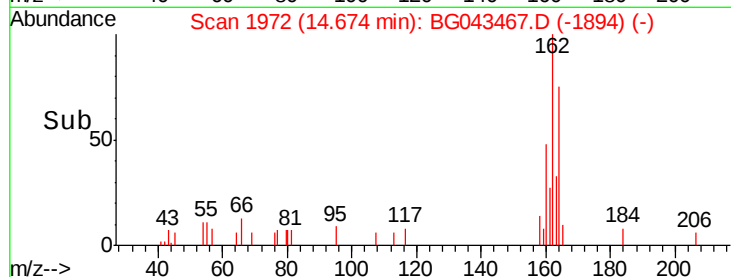
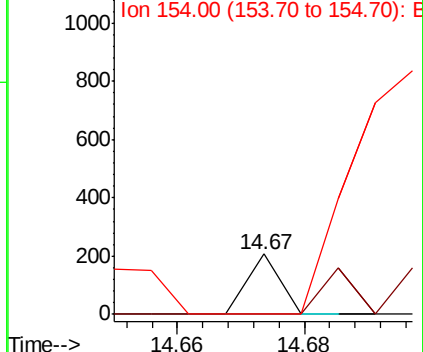
#54
 2,4-Dinitrophenol
 Concen: 7.336 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.07 min
 Lab File: BG043467.D
 Acq: 1 Nov 2019 16:02

Instrument :
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Tot Ion:184 Resp: 73
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.0 88.4#
 154 0.0 57.4 86.2#

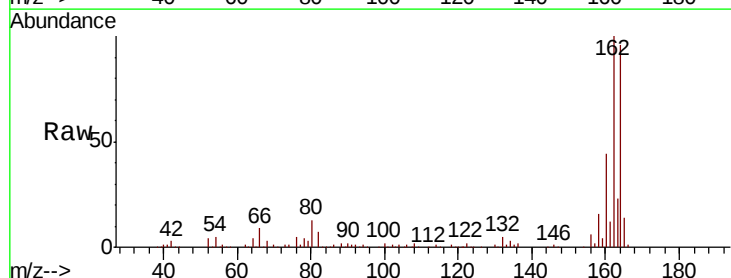


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

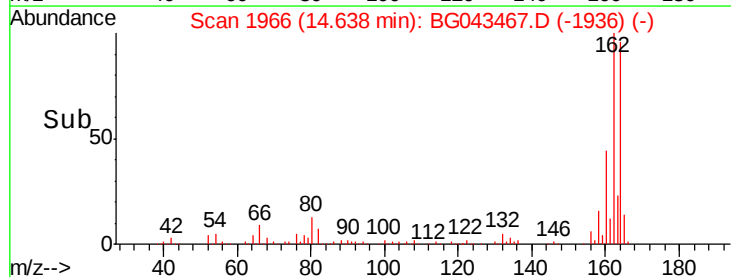
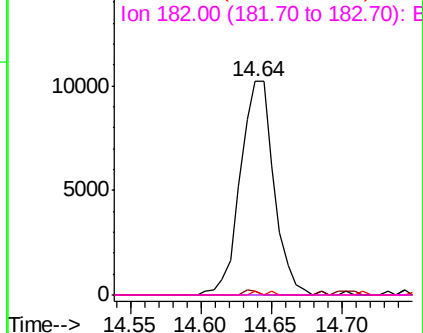


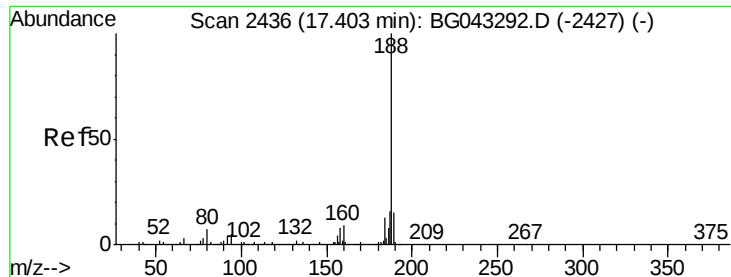
#57
 2,4-Dinitrotoluene
 Concen: 5.960 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.36 min
 Lab File: BG043467.D
 Acq: 1 Nov 2019 16:02

Tgt Ion:165 Resp: 17057
 Ion Ratio Lower Upper
 165 100
 63 2.1 37.4 56.0#
 89 1.7 50.9 76.3#
 182 0.0 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

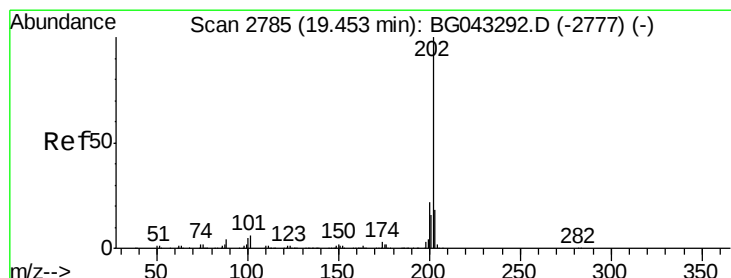
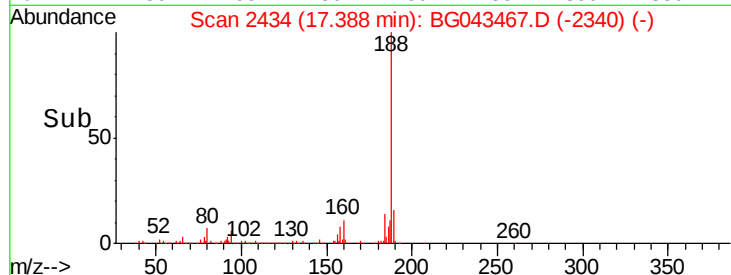
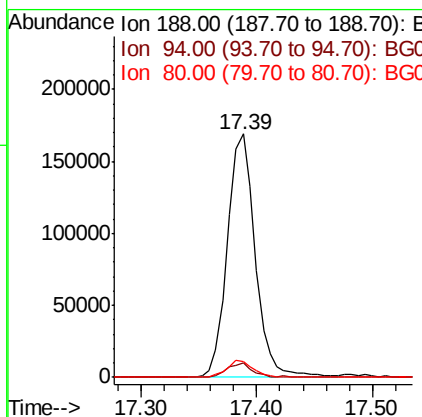
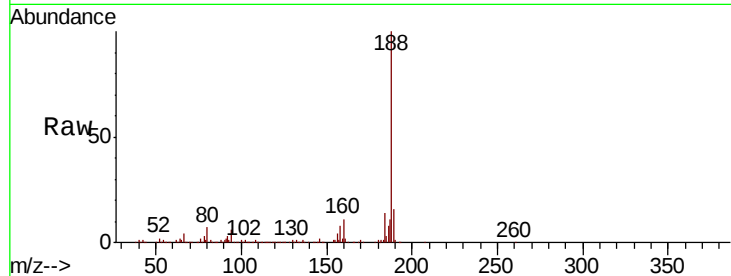




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BG043467.D
Acq: 1 Nov 2019 16:02

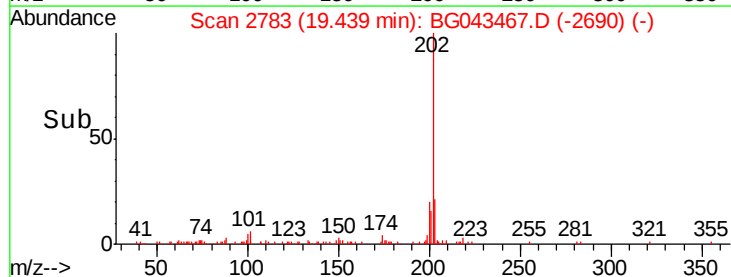
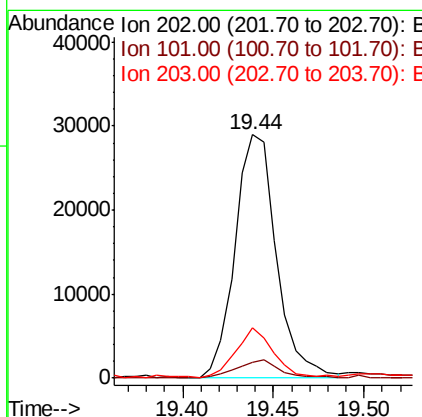
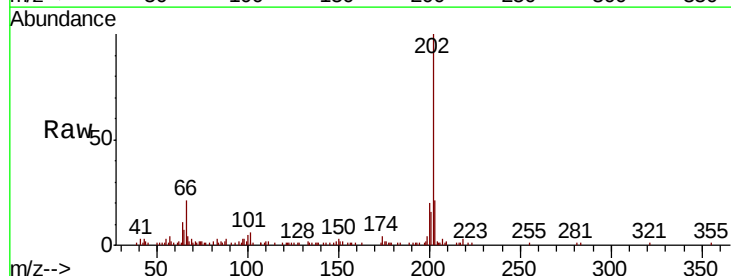
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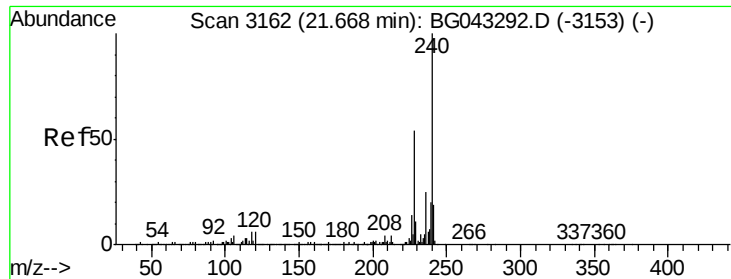
Tot Ion:188 Resp: 283564
Ion Ratio Lower Upper
188 100
94 5.9 4.6 7.0
80 6.6 5.2 7.8



#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

Tgt Ion:202 Resp: 46022
Ion Ratio Lower Upper
202 100
101 6.3 0.0 25.6
203 20.8 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.02 min

Lab File: BG043467.D

Acq: 1 Nov 2019 16:02

Instrument :

BNA_G

ClientSampleId :

20190942-AMENDED-COMPOSITE-

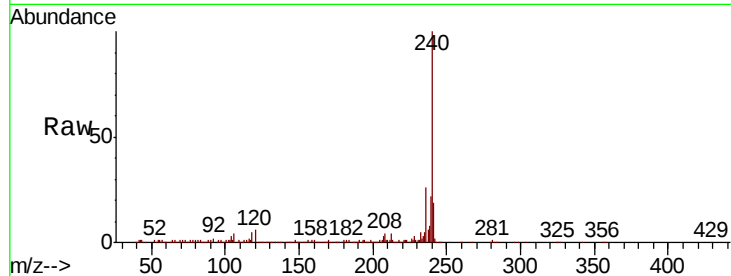
Tot Ion:240 Resp: 299171

Ion Ratio Lower Upper

240 100

120 5.7 4.9 7.3

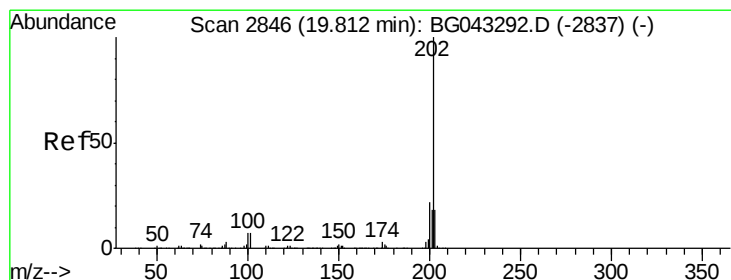
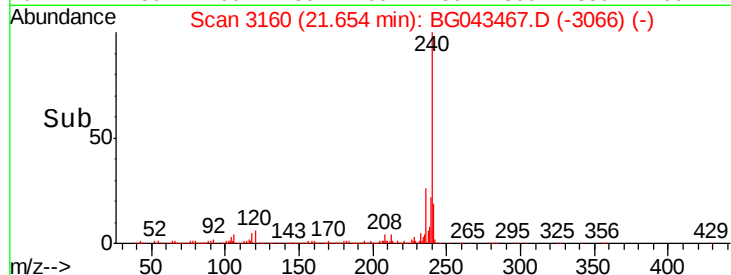
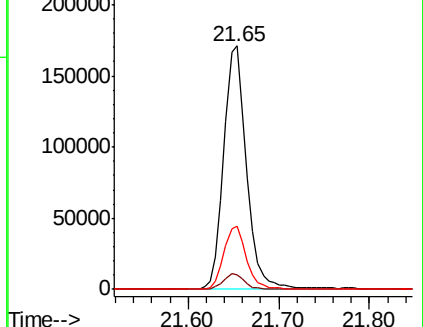
236 26.0 21.4 32.0



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

Pyrene

Concen: 2.464 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.02 min

Lab File: BG043467.D

Acq: 1 Nov 2019 16:02

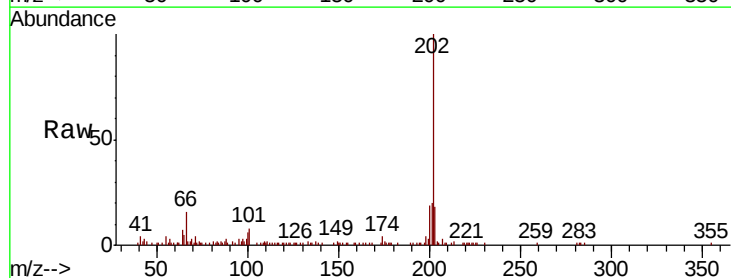
Tgt Ion:202 Resp: 45629

Ion Ratio Lower Upper

202 100

200 19.5 16.9 25.3

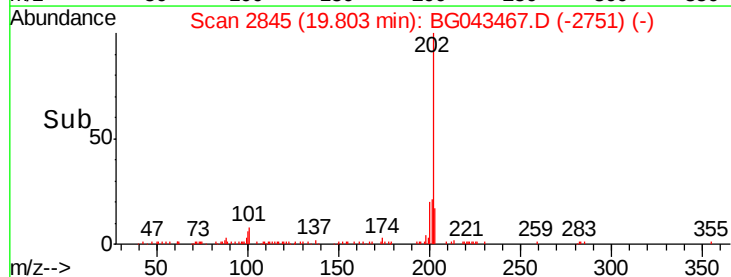
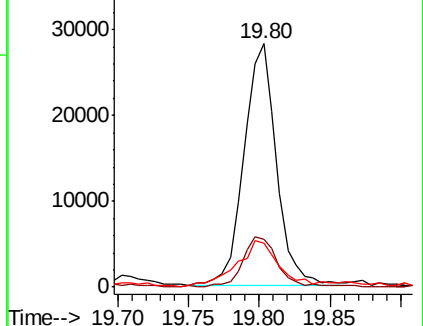
203 18.0 14.8 22.2

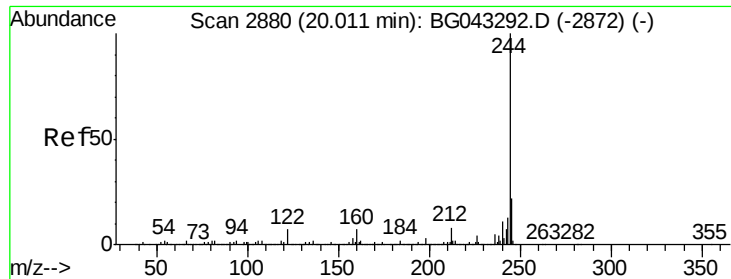


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#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

Instrument :

BNA_G

ClientSampleId :

20190942-AMENDED-COMPOSITE-

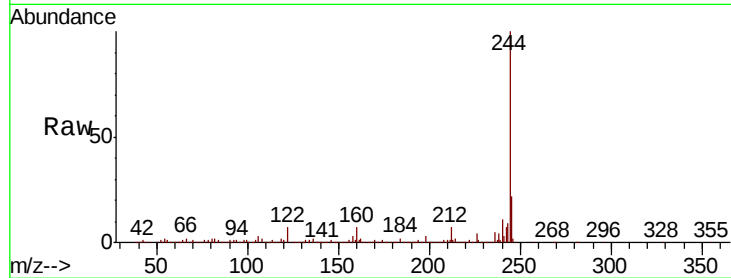
Tot Ion:244 Resp: 1206516

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

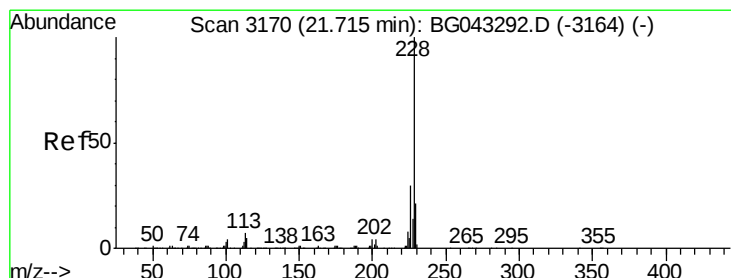
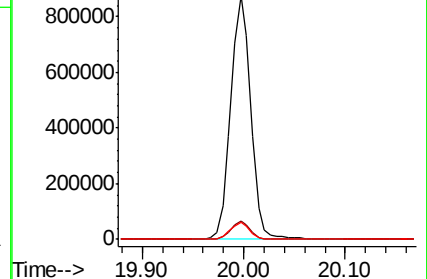
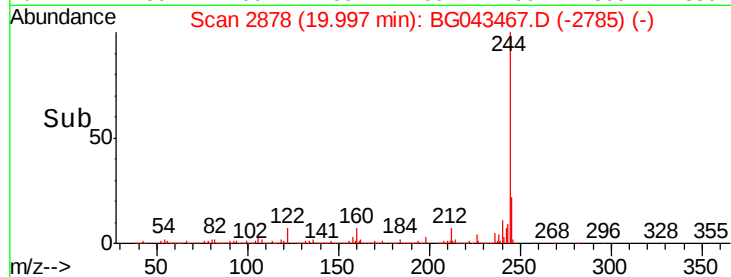
122 6.8 5.2 7.8



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



#83

Chrysene

Concen: 2.253 ng

RT: 21.69 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG043467.D

Acq: 1 Nov 2019 16:02

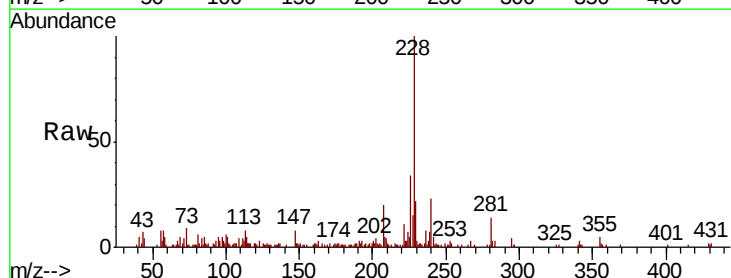
Tgt Ion:228 Resp: 41950

Ion Ratio Lower Upper

228 100

226 33.8 23.3 34.9

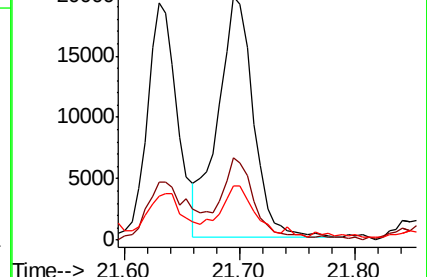
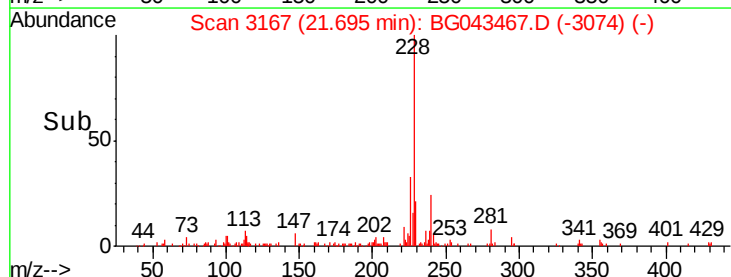
229 22.2 16.5 24.7

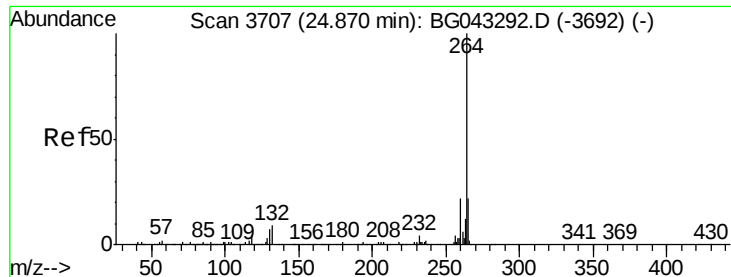


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

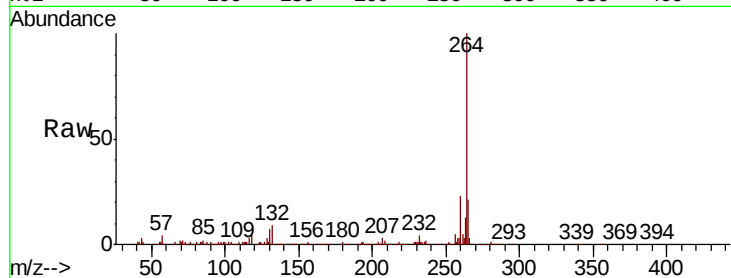




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3703
 Delta R.T. 0.03 min
 Lab File: BG043467.D
 Acq: 1 Nov 2019 16:02

Instrument :
 BNA_G
 ClientSampleId :
 20190942-AMENDED-COMPOSITE-

Tot Ion:264 Resp: 350734
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.4 27.6
 265 21.0 15.8 23.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

