

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
 Data File : BG043273.D
 Acq On : 17 Oct 2019 22:13
 Operator : JU
 Sample : K5292-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190855-AMENDED-COMP-B

Quant Time: Oct 18 02:26:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

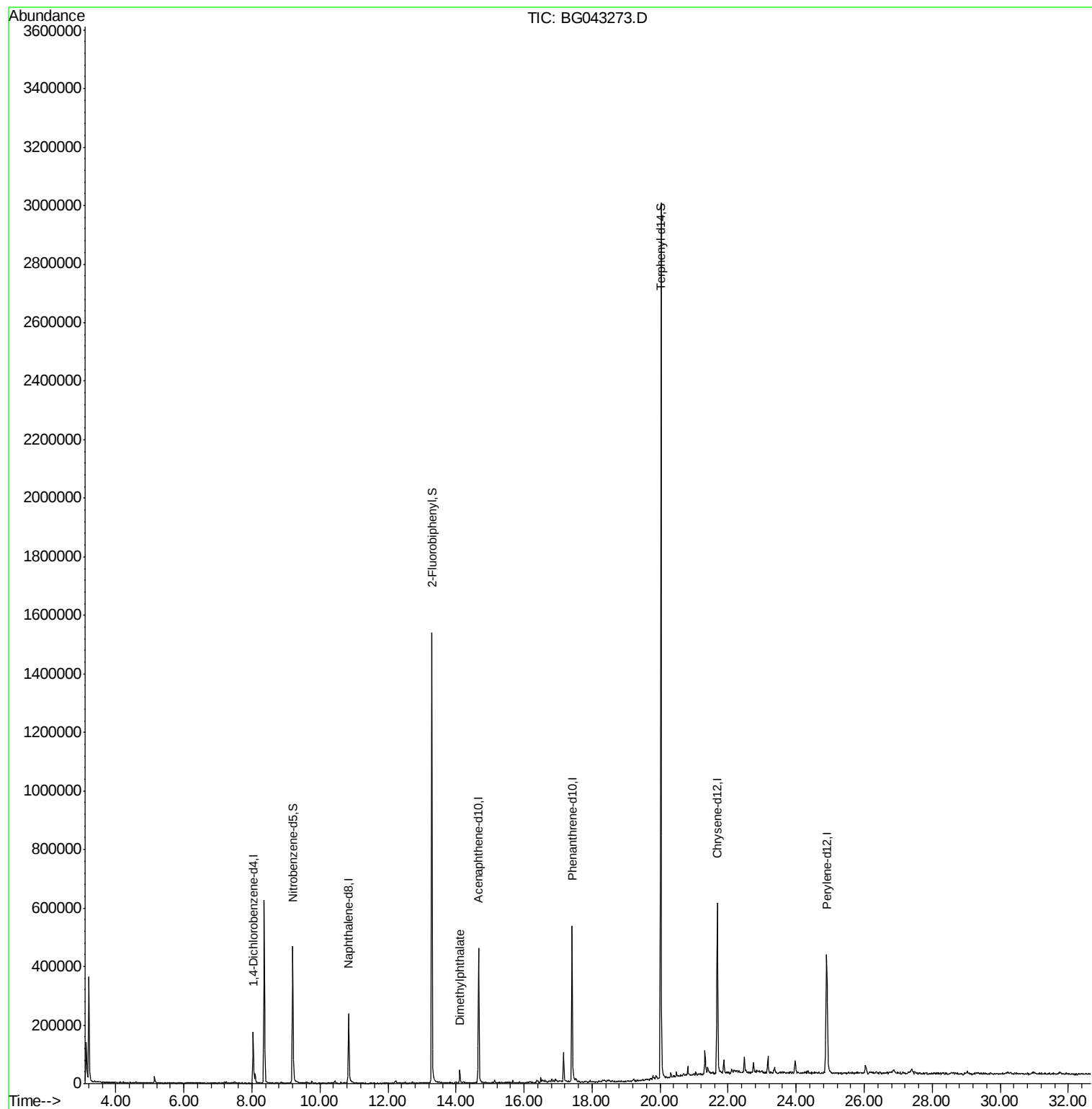
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	57357	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	235691	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	168290	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	371475	20.00	ng	0.00
76) Chrysene-d12	21.68	240	392992	20.00	ng	0.00
87) Perylene-d12	24.90	264	466019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	65	0.02	ng	0.02
7) Phenol-d6	7.22	99	1276	0.28	ng	0.00
23) Nitrobenzene-d5	9.20	82	317047	65.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	1067	0.37	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	881584	75.94	ng	-0.02
79) Terphenyl-d14	20.02	244	1555149	84.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	33600	2.665	ng	Qvalue 98

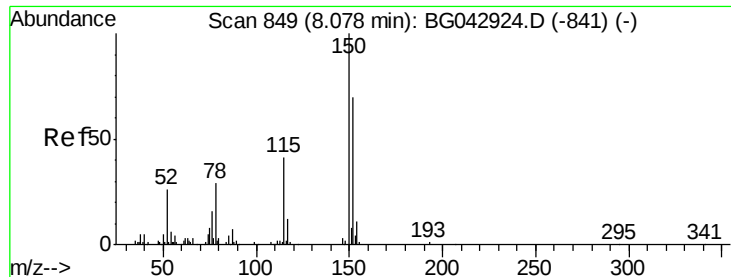
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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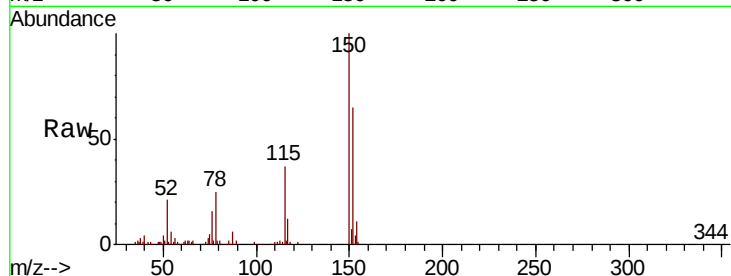


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

Instrument :
BNA_G
ClientSampleId :
20190855-AMENDED-COMP-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	115.0	172.4
115	56.9	47.0	70.6

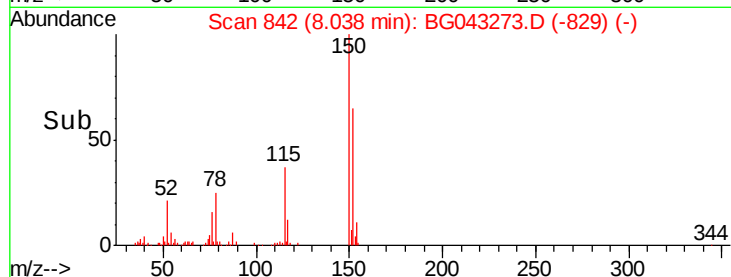
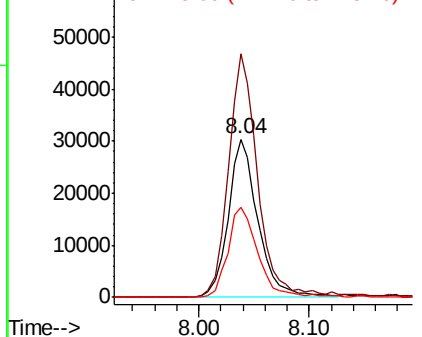


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

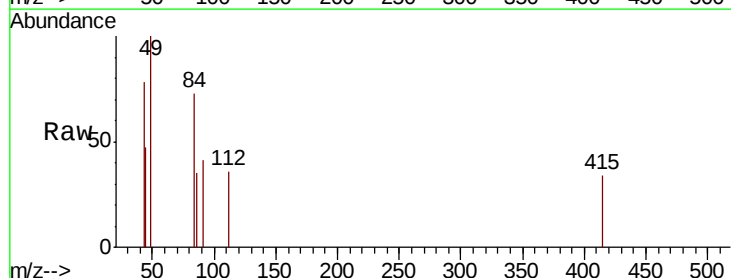
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.020 ng
RT: 5.66 min Scan# 437
Delta R.T. 0.02 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	56.6	84.8#
63	0.0	35.1	52.7#

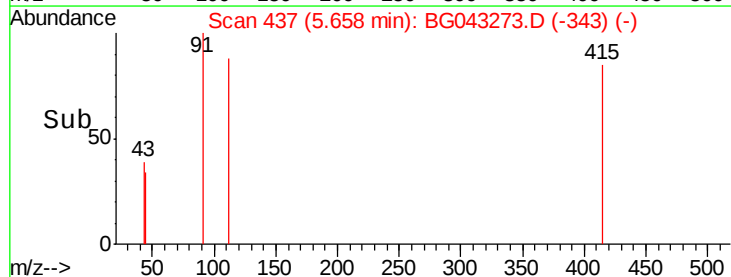
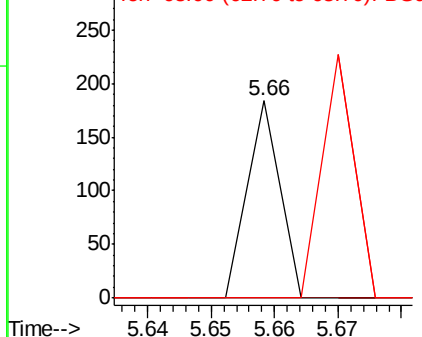


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 0.276 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG043273.D

Acq: 17 Oct 2019 22:13

Instrument :

BNA_G

ClientSampleId :

20190855-AMENDED-COMP-B

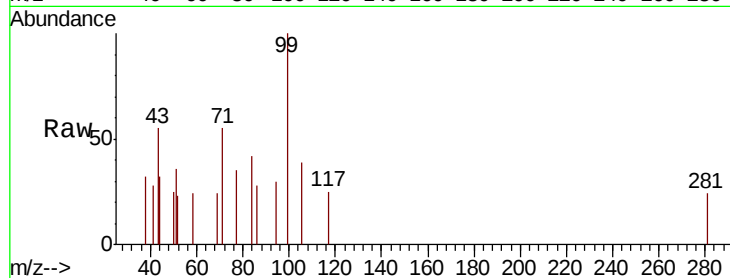
Tot Ion: 99 Resp: 1276

Ion Ratio Lower Upper

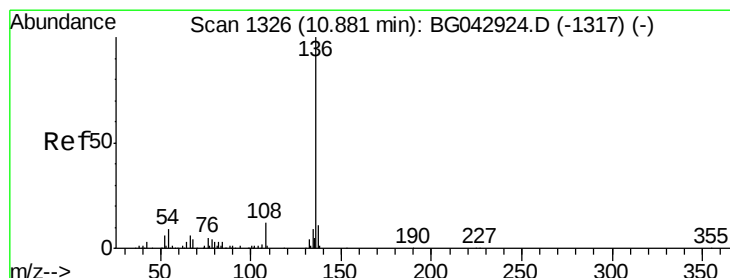
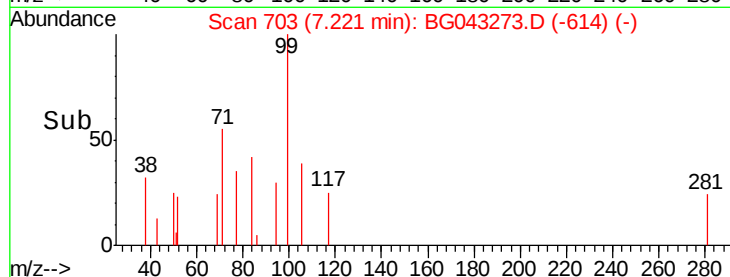
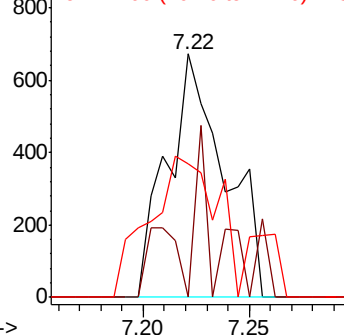
99 100

42 0.0 17.2 25.8#

71 55.0 33.1 49.7#



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: 10.84 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BG043273.D

Acq: 17 Oct 2019 22:13

Tgt Ion: 136 Resp: 235691

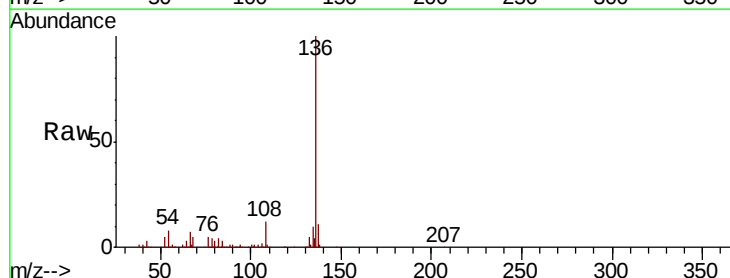
Ion Ratio Lower Upper

136 100

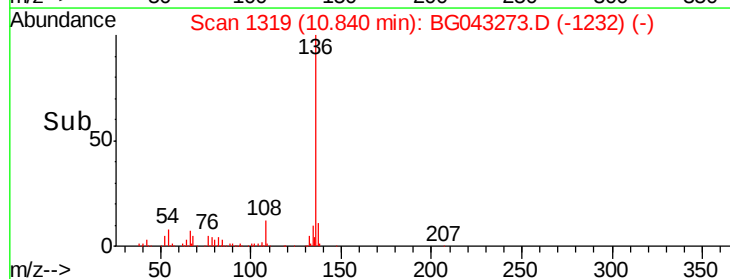
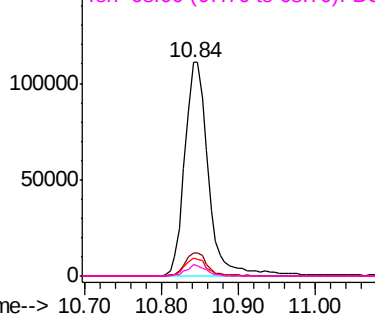
137 10.7 8.5 12.7

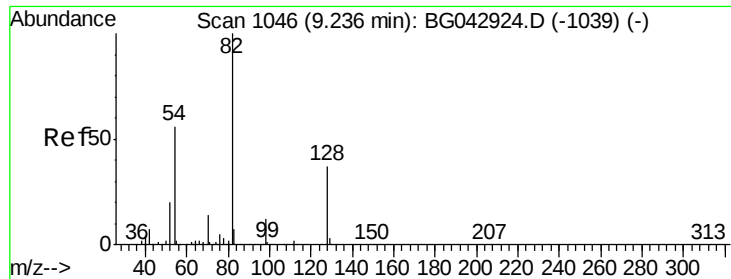
54 8.1 7.4 11.2

68 5.2 3.6 5.4



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: 65.383 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BG043273.D

Acq: 17 Oct 2019 22:13

Instrument :

BNA_G

ClientSampleId :

20190855-AMENDED-COMP-B

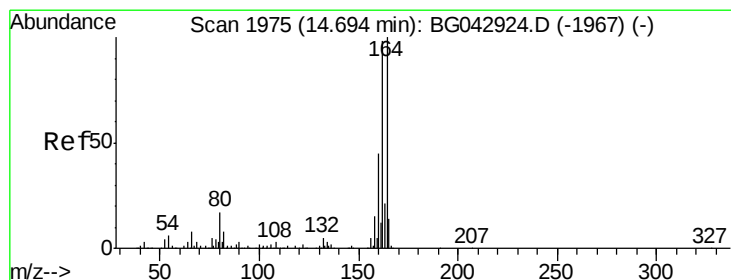
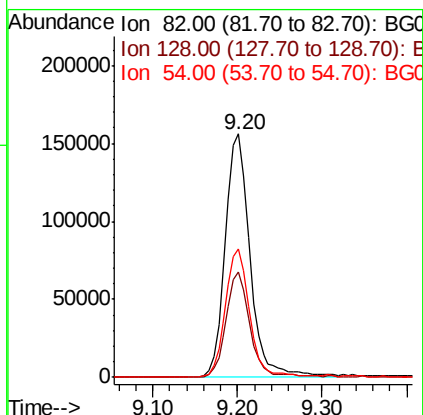
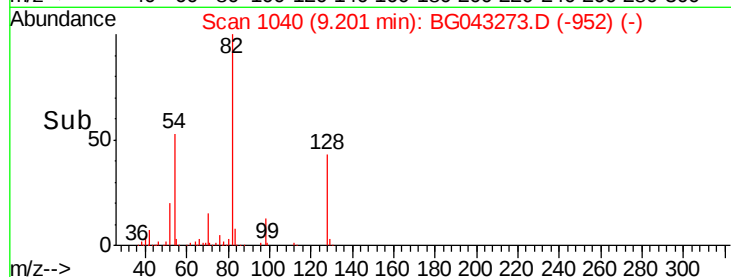
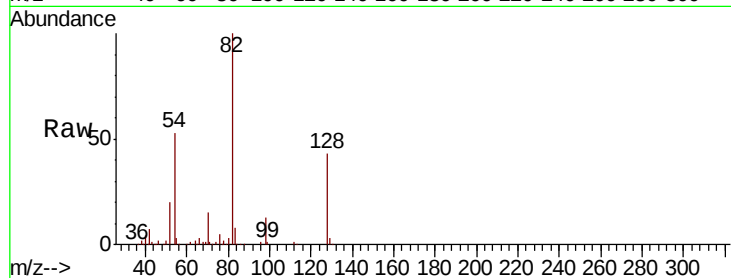
Tot Ion: 82 Resp: 317047

Ion Ratio Lower Upper

82 100

128 43.4 29.5 44.3

54 52.8 44.6 67.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG043273.D

Acq: 17 Oct 2019 22:13

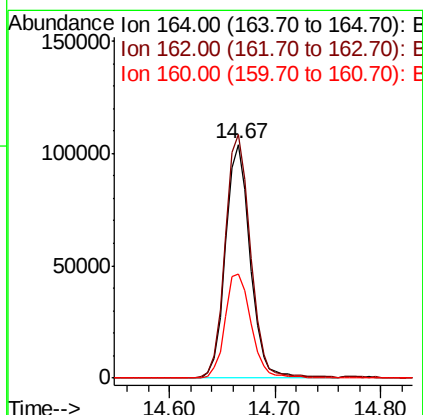
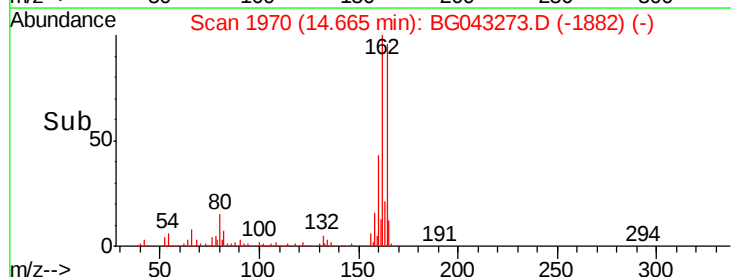
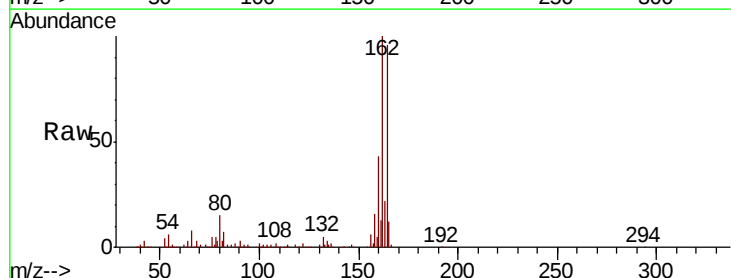
Tgt Ion:164 Resp: 168290

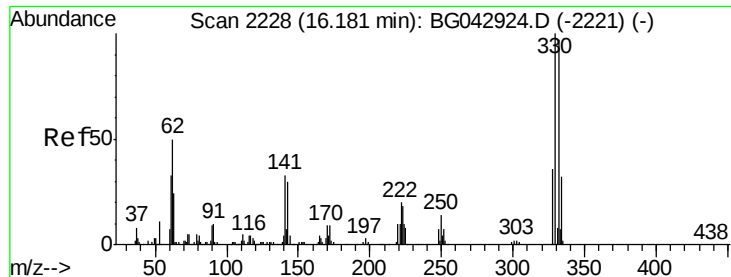
Ion Ratio Lower Upper

164 100

162 104.2 78.5 117.7

160 44.5 35.9 53.9

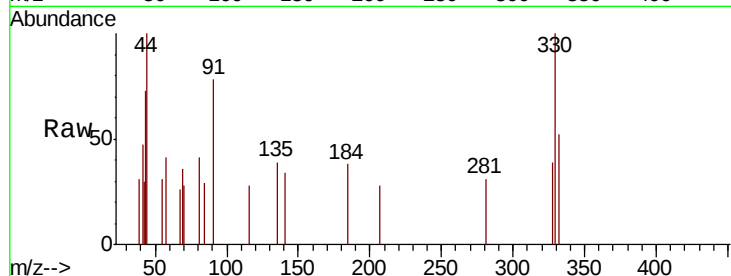




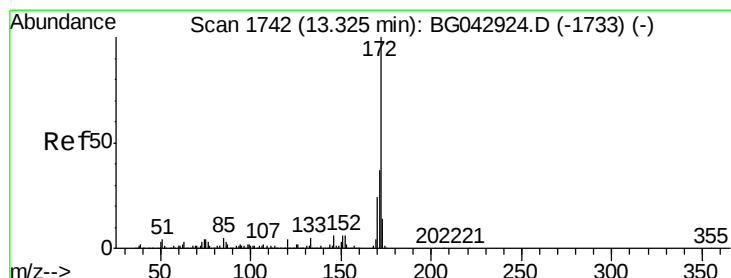
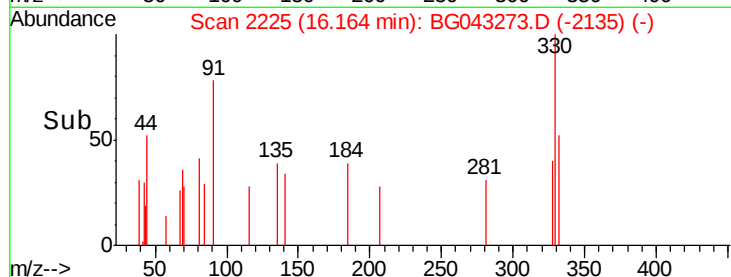
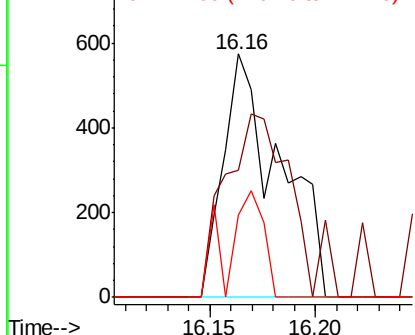
#42
 2,4,6-Tribromophenol
 Concen: 0.369 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG043273.D
 Acq: 17 Oct 2019 22:13

Instrument :
 BNA_G
 ClientSampleId :
 20190855-AMENDED-COMP-B

Tot Ion:330 Resp: 1067
 Ion Ratio Lower Upper
 330 100
 332 88.8 78.2 117.2
 141 27.8 26.0 39.0

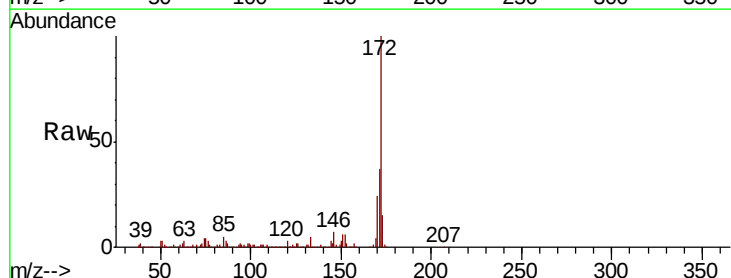


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

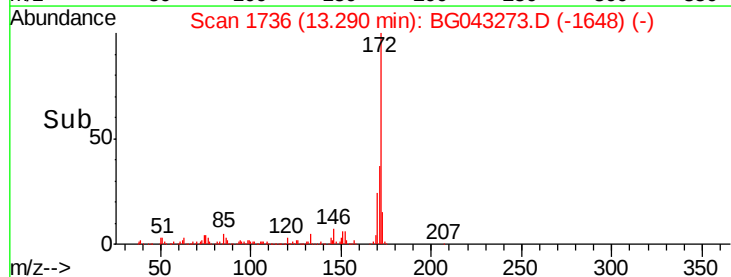
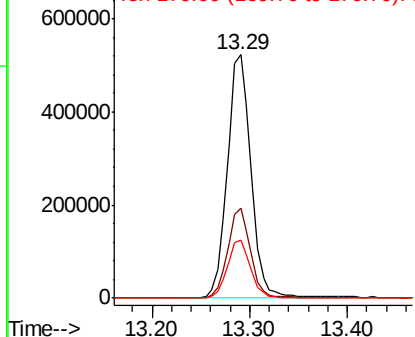


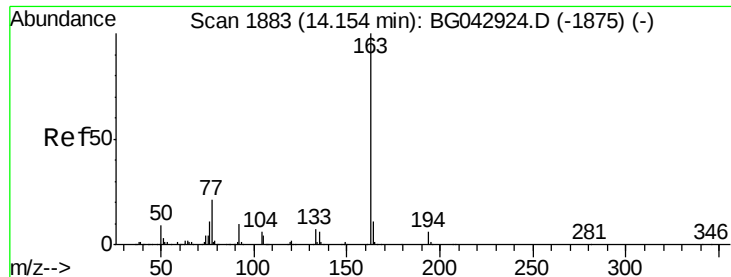
#45
 2-Fluorobiphenyl
 Concen: 75.942 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.02 min
 Lab File: BG043273.D
 Acq: 17 Oct 2019 22:13

Tgt Ion:172 Resp: 881584
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.0 19.6 29.4



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

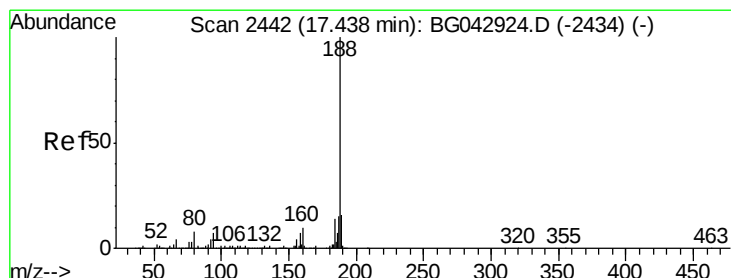
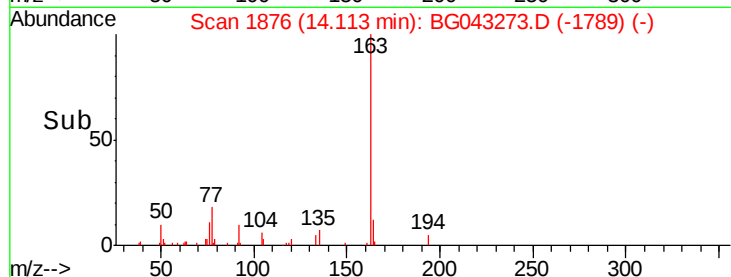
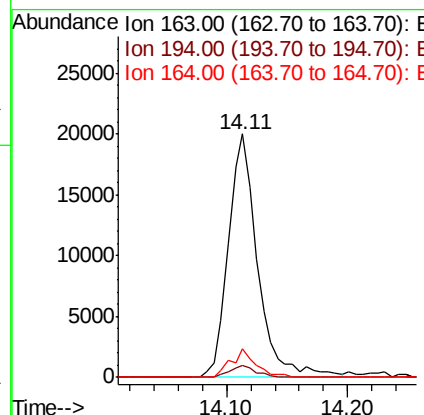
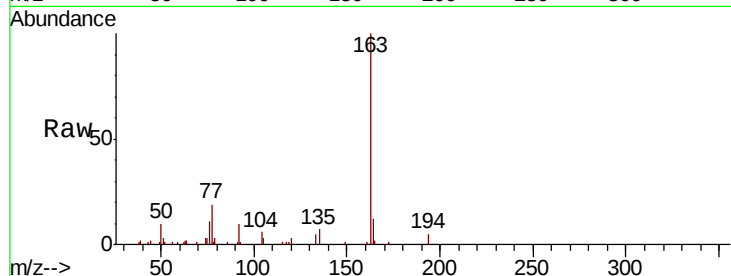




#50
Dimethylphthalate
Concen: 2.665 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

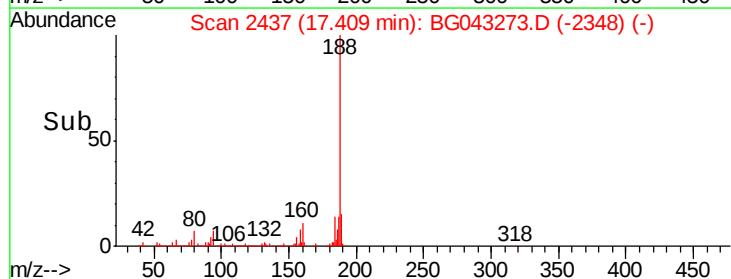
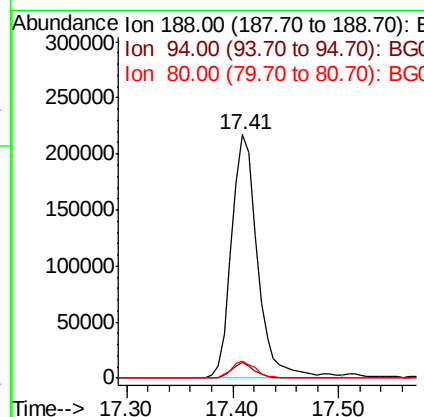
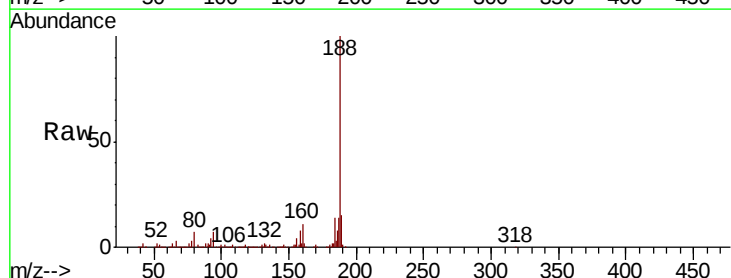
Instrument :
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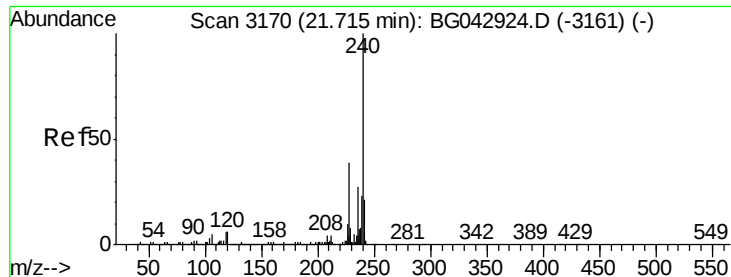
Tot Ion	163	Resp	33600
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.4	6.6
164	11.5	8.6	12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

Tgt Ion	188	Resp	371475
Ion Ratio	Lower	Upper	
188	100		
94	6.6	5.7	8.5
80	6.9	6.5	9.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG043273.D

Acq: 17 Oct 2019 22:13

Instrument :

BNA_G

ClientSampleId :

20190855-AMENDED-COMP-B

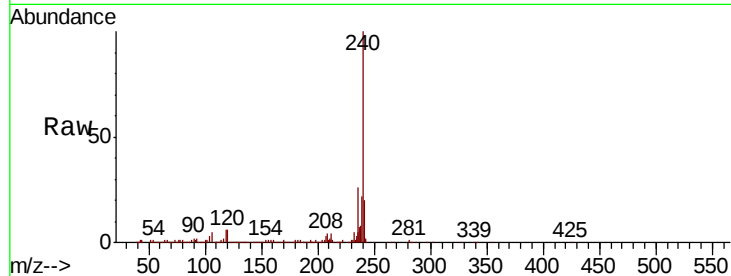
Tot Ion:240 Resp: 392992

Ion Ratio Lower Upper

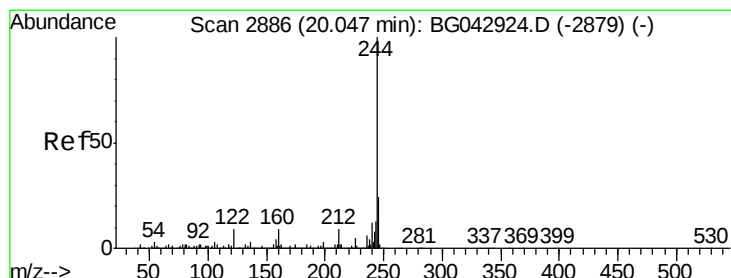
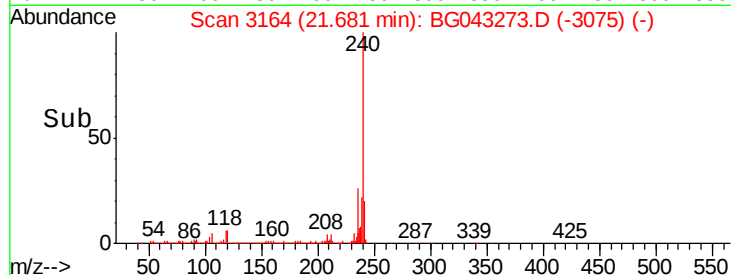
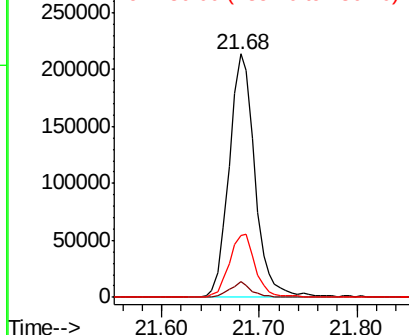
240 100

120 6.3 4.8 7.2

236 25.5 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



#79

Terphenyl-d14

Concen: 84.323 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG043273.D

Acq: 17 Oct 2019 22:13

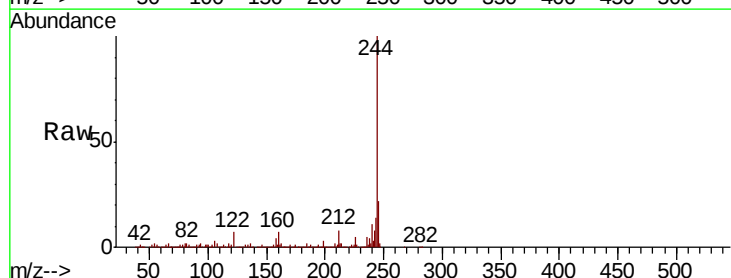
Tgt Ion:244 Resp: 1555149

Ion Ratio Lower Upper

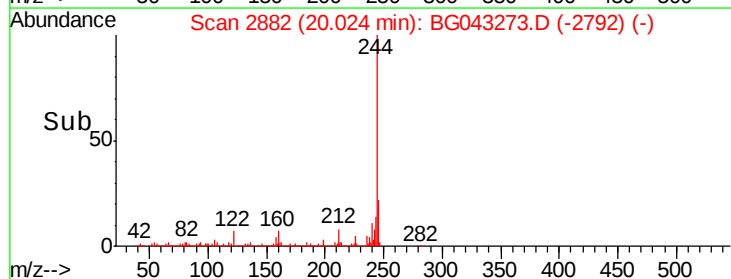
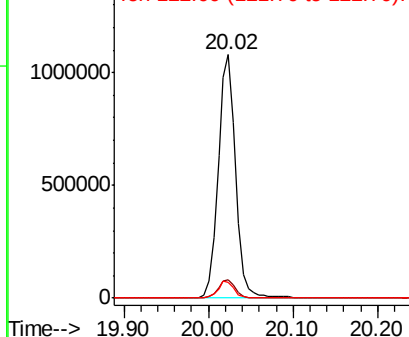
244 100

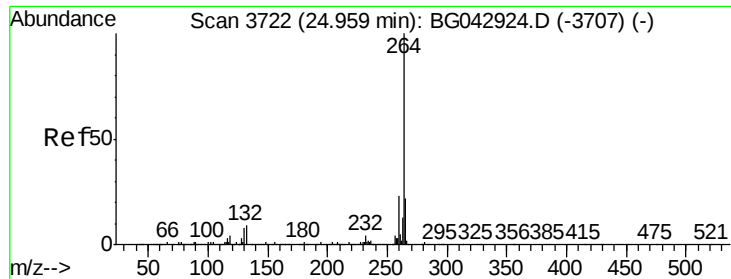
212 7.8 7.4 11.0

122 6.7 7.0 10.4#



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: 24.90 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG043273.D
Acq: 17 Oct 2019 22:13

Instrument :
BNA_G
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.7	17.7	26.5

