

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
 Data File : BG043272.D
 Acq On : 17 Oct 2019 21:34
 Operator : JU
 Sample : K5266-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AMENDED-COMPOSITE-C

Quant Time: Oct 18 02:18:38 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

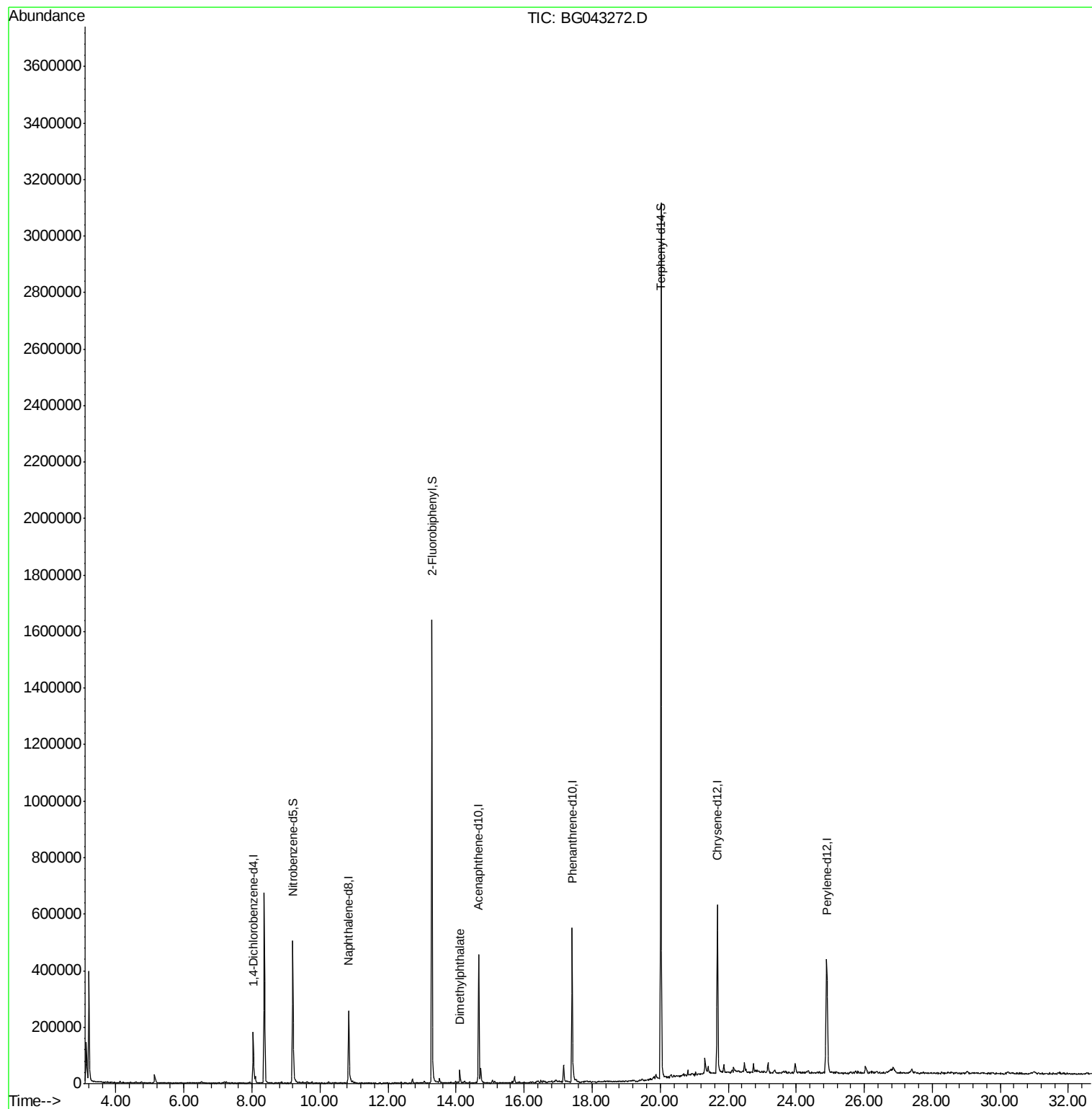
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	60171	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	240311	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	181219	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	382012	20.00	ng	0.00
76) Chrysene-d12	21.68	240	412727	20.00	ng	0.00
87) Perylene-d12	24.90	264	481382	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	74	0.02	ng	0.02
7) Phenol-d6	7.22	99	1409	0.29	ng	0.00
23) Nitrobenzene-d5	9.20	82	330068	66.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	270	0.09	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	930669	74.45	ng	-0.02
79) Terphenyl-d14	20.02	244	1621036	83.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	36819	2.712	ng	Qvalue 98

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

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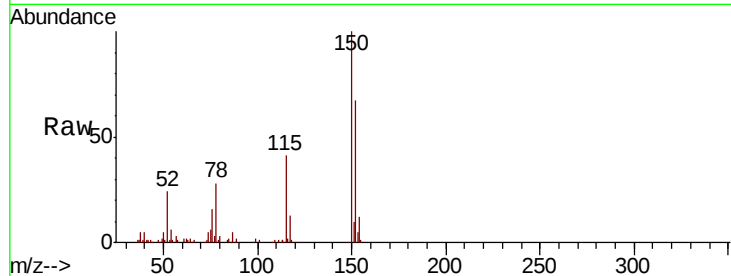


#1

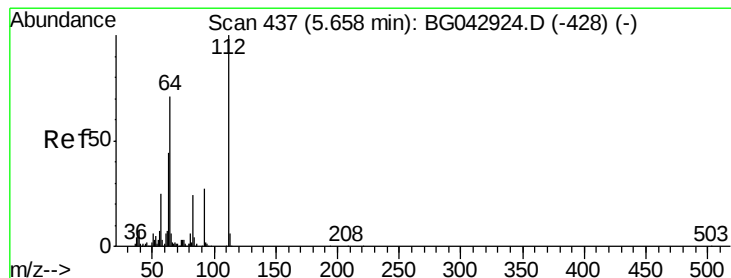
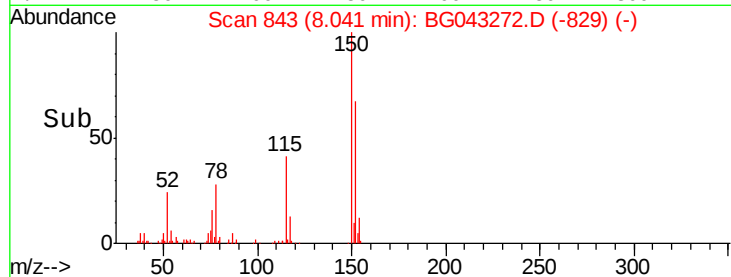
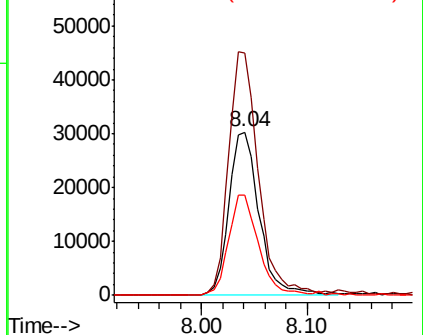
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
AMENDED-COMPOSITE-C

Tot Ion:152 Resp: 60171
Ion Ratio Lower Upper
152 100
150 149.0 115.0 172.4
115 61.1 47.0 70.6



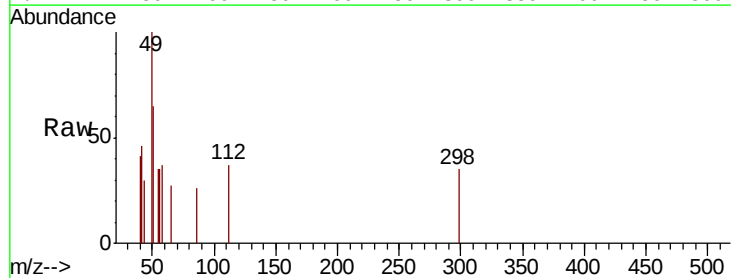
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



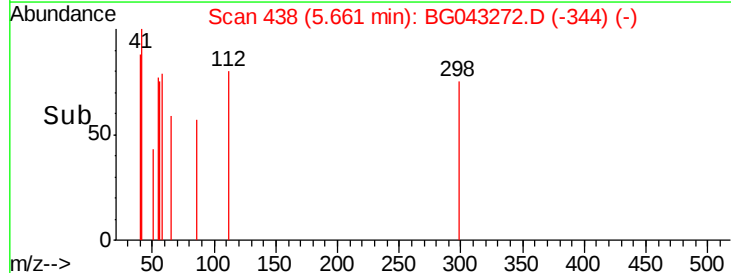
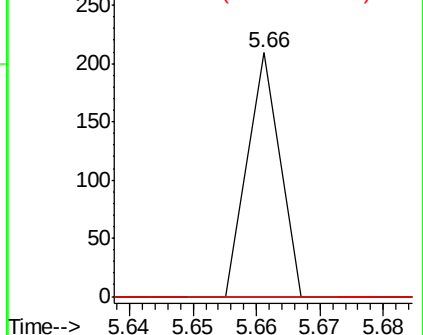
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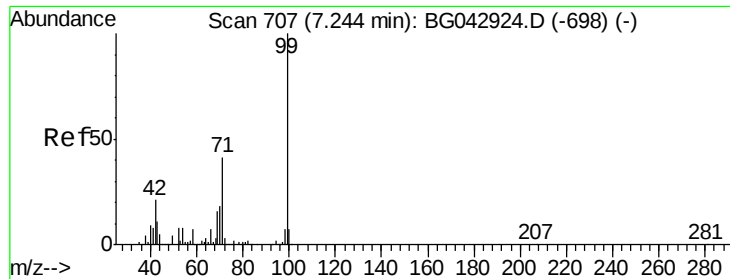
2-Fluorophenol
Concen: 0.022 ng
RT: 5.66 min Scan# 438
Delta R.T. 0.02 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

Tgt Ion:112 Resp: 74
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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 0.290 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043272.D

Acq: 17 Oct 2019 21:34

Instrument :

BNA_G

ClientSampleId :

AMENDED-COMPOSITE-C

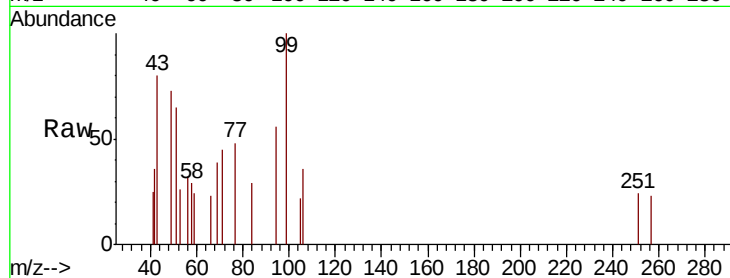
Tot Ion: 99 Resp: 1409

Ion Ratio Lower Upper

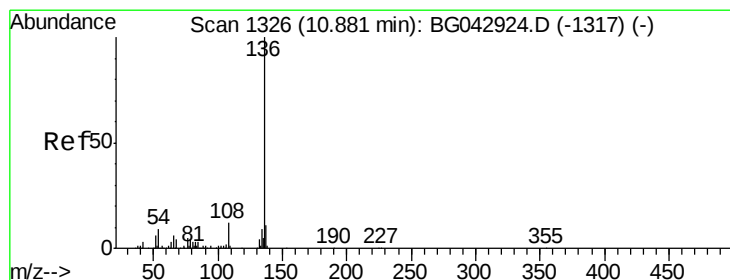
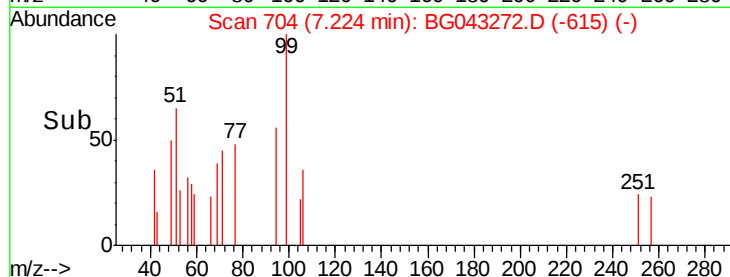
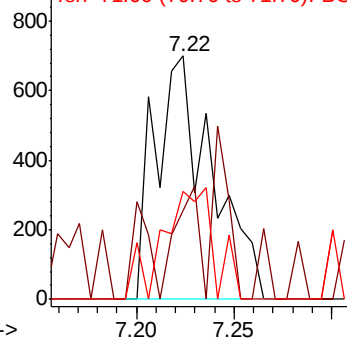
99 100

42 36.4 17.2 25.8#

71 44.6 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# 1320

Delta R.T. -0.02 min

Lab File: BG043272.D

Acq: 17 Oct 2019 21:34

Tgt Ion: 136 Resp: 240311

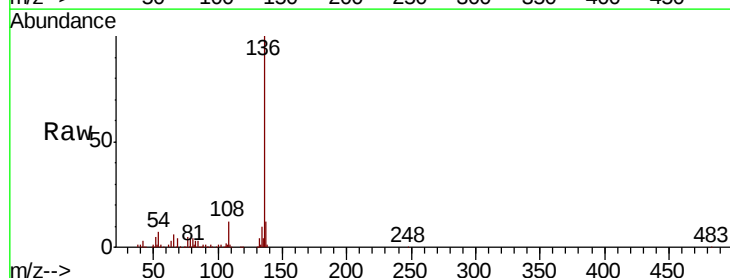
Ion Ratio Lower Upper

136 100

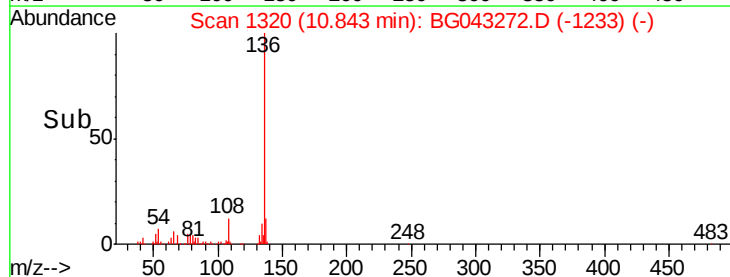
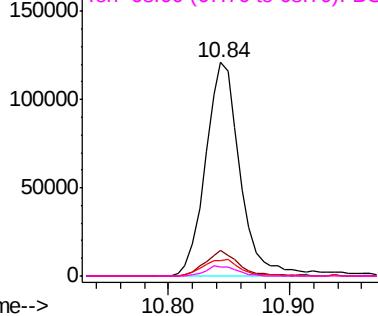
137 12.0 8.5 12.7

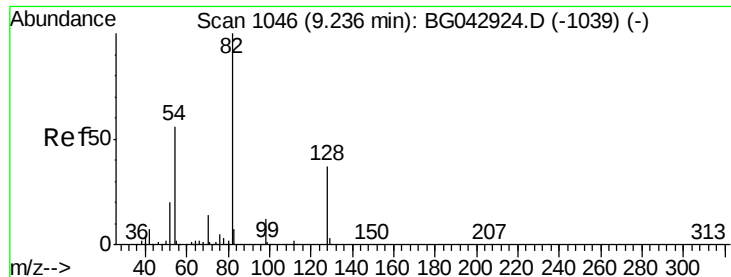
54 7.5 7.4 11.2

68 4.2 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

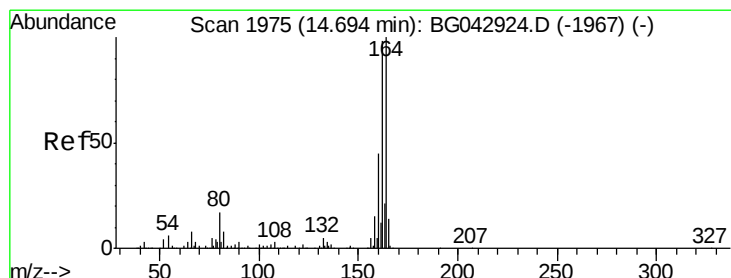
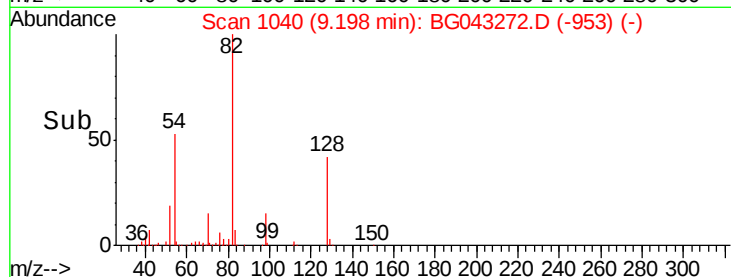
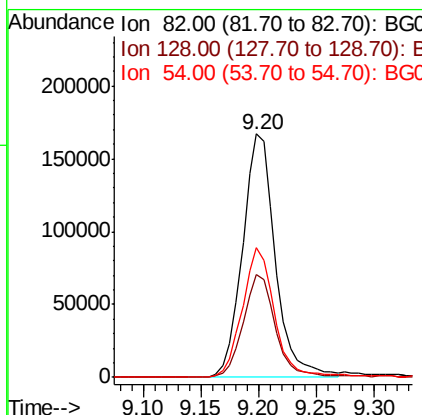
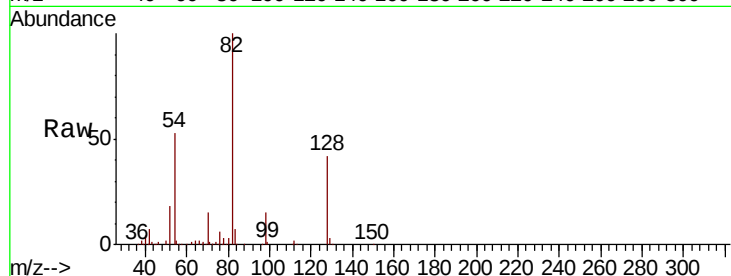




#23
 Nitrobenzene-d5
 Concen: 66.759 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043272.D
 Acq: 17 Oct 2019 21:34

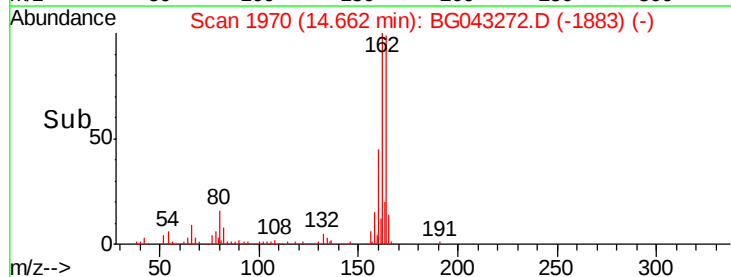
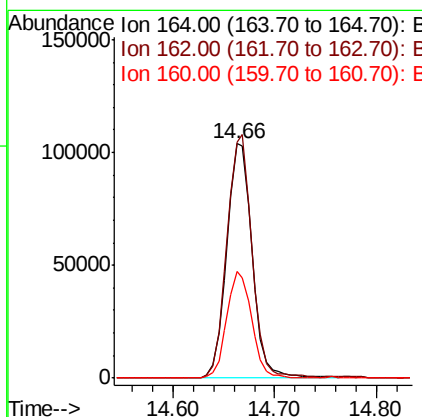
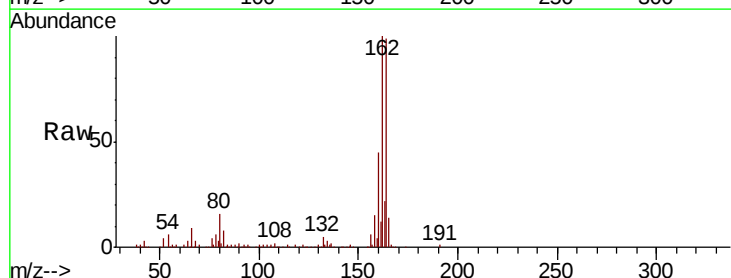
Instrument :
 BNA_G
 ClientSampleId :
 AMENDED-COMPOSITE-C

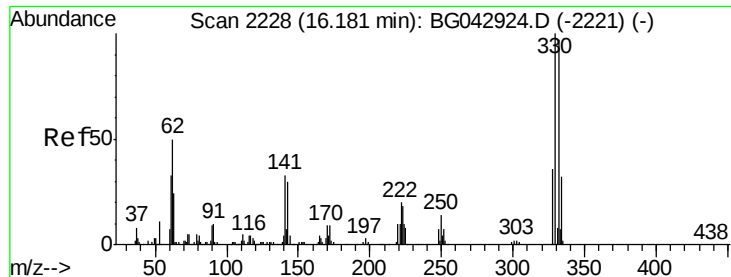
Tot Ion	82	Resp	330068
Ion Ratio	Lower	Upper	
82	100		
128	42.1	29.5	44.3
54	53.3	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.02 min
 Lab File: BG043272.D
 Acq: 17 Oct 2019 21:34

Tgt Ion	164	Resp	181219
Ion Ratio	Lower	Upper	
164	100		
162	100.7	78.5	117.7
160	45.8	35.9	53.9

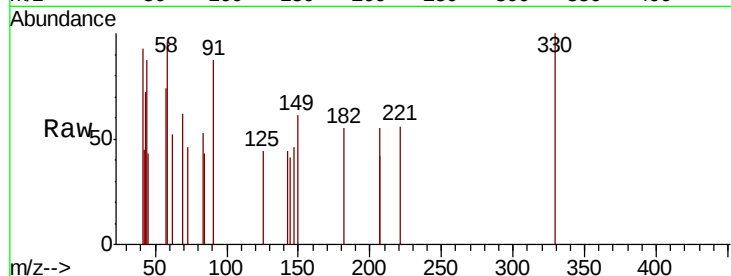




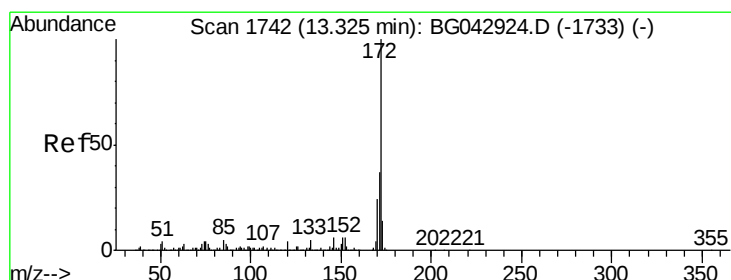
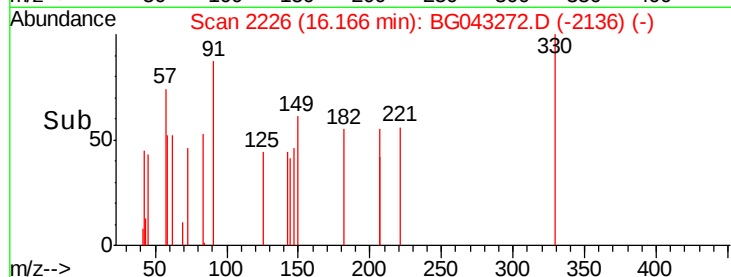
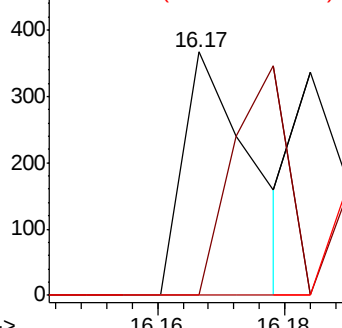
#42
2,4,6-Tribromophenol
Concen: 0.087 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

Instrument :
BNA_G
ClientSampleId :
AMENDED-COMPOSITE-C

Tot Ion:330 Resp: 270
Ion Ratio Lower Upper
330 100
332 119.3 78.2 117.2#
141 0.0 26.0 39.0#

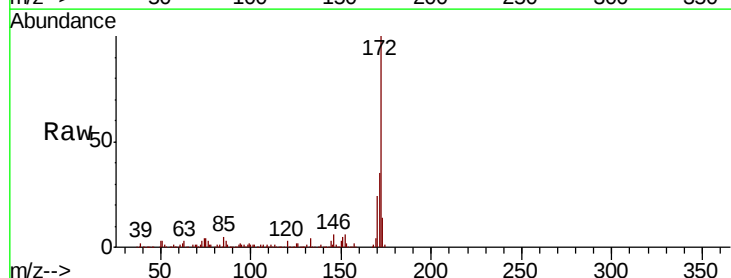


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

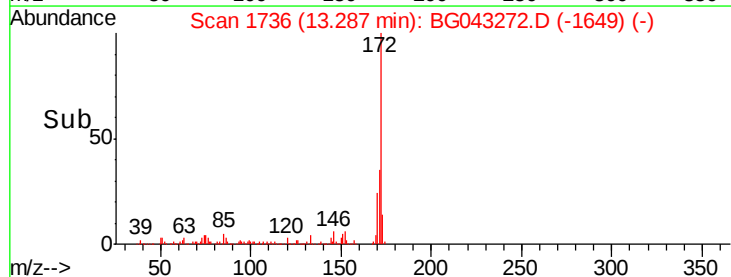
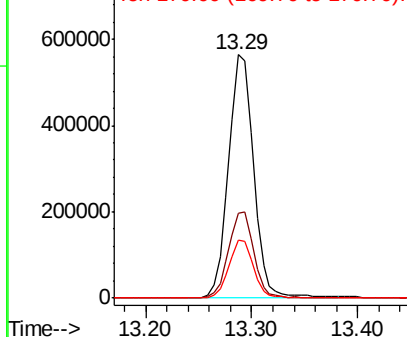


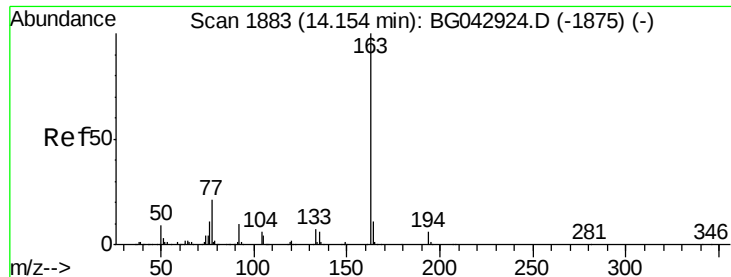
#45
2-Fluorobiphenyl
Concen: 74.451 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

Tgt Ion:172 Resp: 930669
Ion Ratio Lower Upper
172 100
171 34.9 29.6 44.4
170 23.6 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: 2.712 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BG043272.D

Acq: 17 Oct 2019 21:34

Instrument :

BNA_G

ClientSampleId :

AMENDED-COMPOSITE-C

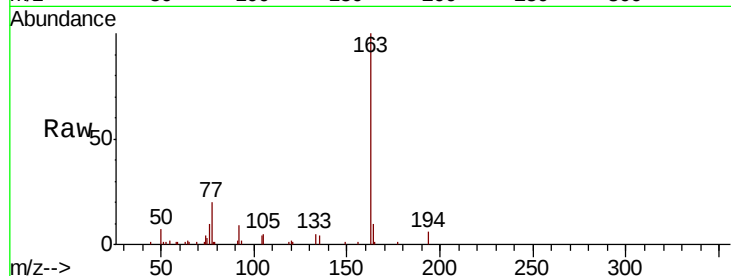
Tot Ion:163 Resp: 36819

Ion Ratio Lower Upper

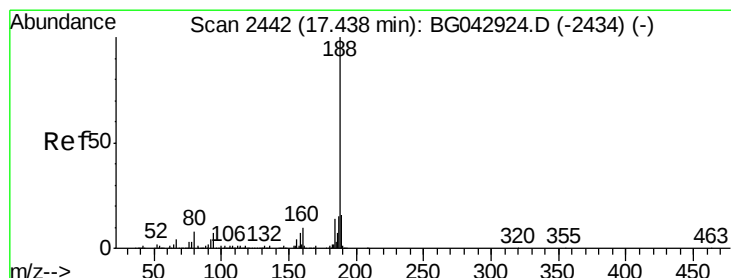
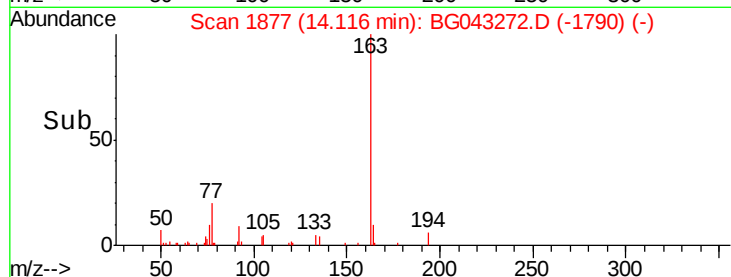
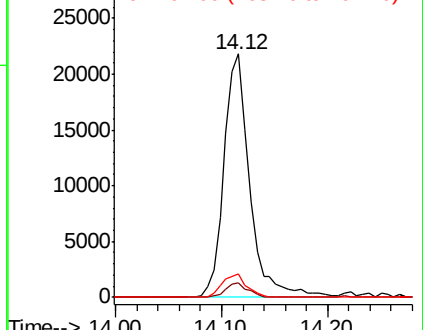
163 100

194 5.8 4.4 6.6

164 9.6 8.6 12.8



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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG043272.D

Acq: 17 Oct 2019 21:34

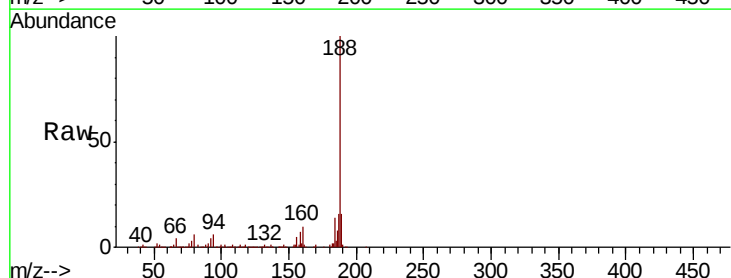
Tgt Ion:188 Resp: 382012

Ion Ratio Lower Upper

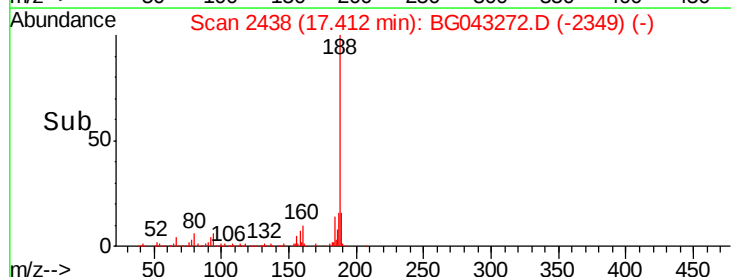
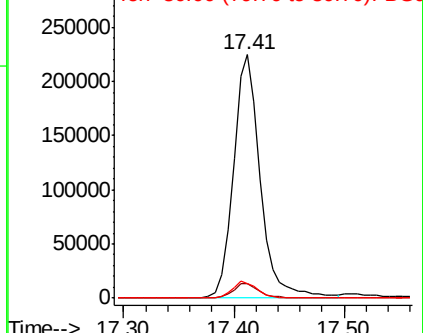
188 100

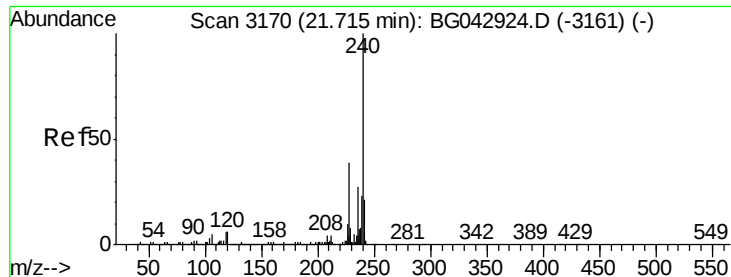
94 5.8 5.7 8.5

80 6.2 6.5 9.7#



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

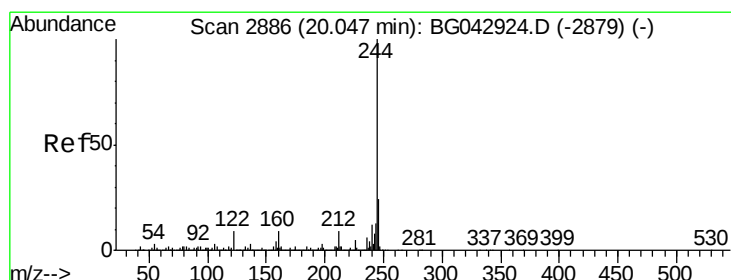
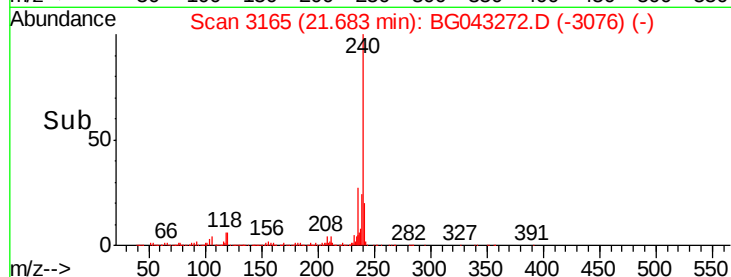
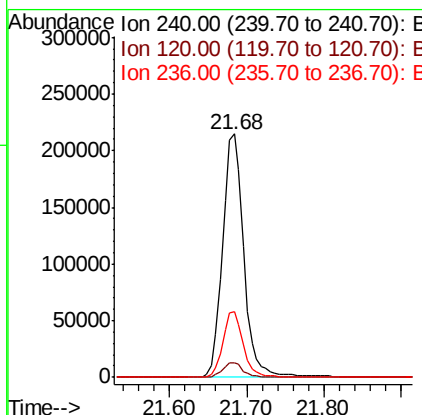
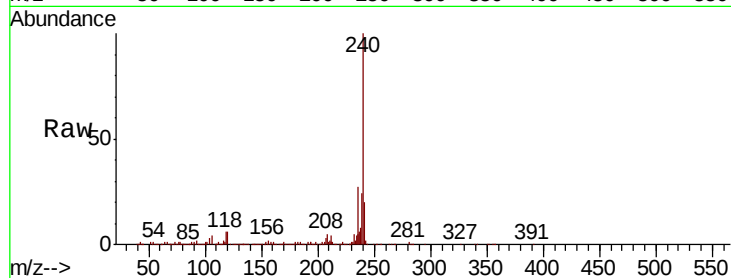




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

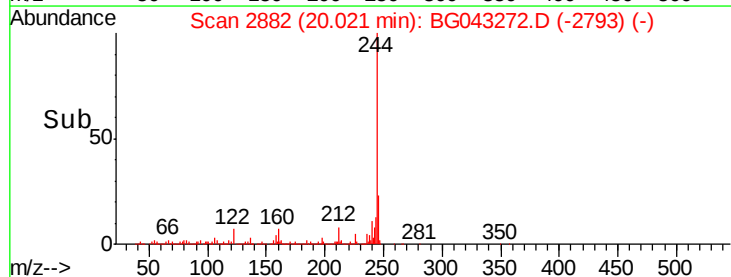
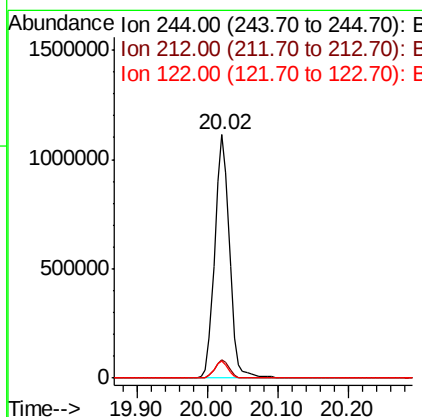
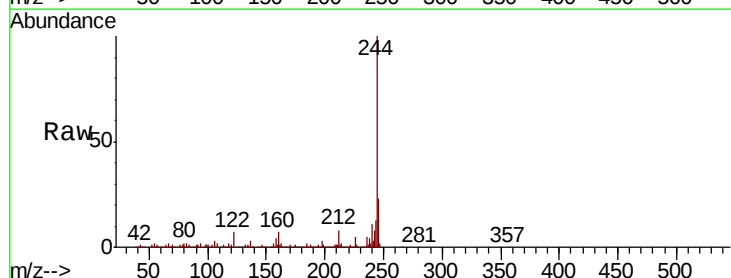
Instrument :
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AMENDED-COMPOSITE-C

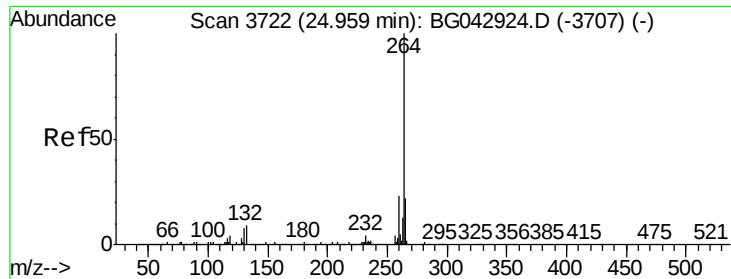
Tot Ion:240 Resp: 412727
Ion Ratio Lower Upper
240 100
120 6.1 4.8 7.2
236 26.9 21.4 32.0



#79
Terphenyl-d14
Concen: 83.693 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG043272.D
Acq: 17 Oct 2019 21:34

Tgt Ion:244 Resp: 1621036
Ion Ratio Lower Upper
244 100
212 7.6 7.4 11.0
122 7.0 7.0 10.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG043272.D
 Acq: 17 Oct 2019 21:34

Instrument :
 BNA_G
 ClientSampleId :
 AMENDED-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.5	17.7	26.5

