

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042564.D
 Acq On : 29 Aug 2019 14:20
 Operator : HP/JU
 Sample : K4409-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S301-J-3.0-3.5-081919

Manual Integrations
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 8/30/2019 7:57:39 PM

Quant Time: Aug 29 17:25:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	40639	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	157116	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	116449	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	224642	20.00	ng	0.05
76) Chrysene-d12	21.78	240	242654	20.00	ng	0.09
87) Perylene-d12	25.11	264	425695	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	197788	98.57	ng	0.00
7) Phenol-d6	7.17	99	262588	96.88	ng	0.00
23) Nitrobenzene-d5	9.16	82	151401	66.59	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	143523	86.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	410782	59.66	ng	0.00
79) Terphenyl-d14	20.05	244	671491	59.83	ng	0.02
Target Compounds						
10) Phenol	7.19	94	49194	17.851	ng	Qvalue 90
17) 2-Methylphenol	8.45	107	9978	4.916	ng	89
20) 3+4-Methylphenols	8.79	107	46683	16.621	ng	97
27) 2,4-Dimethylphenol	9.99	122	12832m	6.456	ng	
31) Naphthalene	10.91	128	5731256	785.696	ng	# 68
37) 2-Methylnaphthalene	12.49	142	1316255	224.726	ng	96
38) 1-Methylnaphthalene	12.71	142	663325	119.227	ng	99
46) 1,1'-Biphenyl	13.49	154	618615	82.182	ng	100
50) Dimethylphthalate	14.11	163	80238	9.550	ng	99
52) Acenaphthene	14.75	154	2954391	498.263	ng	# 92
55) Dibenzofuran	15.08	168	3704235	377.413	ng	# 68
58) Fluorene	15.74	166	4440934	553.521	ng	# 94
71) Phenanthrene	17.57	178	14641005	1312.110	ng	# 11
72) Anthracene	17.64	178	6944013	623.376	ng	# 20
73) Carbazole	17.87	167	5406005	544.528	ng	# 63
75) Fluoranthene	19.56	202	14420260	1058.916	ng	# 12
78) Pyrene	19.94	202	13075795	878.927	ng	# 8
81) Benzo(a)anthracene	21.77	228	11942945	809.082	ng	# 30
83) Chrysene	21.85	228	8142361m	571.964	ng	
86) Indeno(1,2,3-cd)pyrene	29.04	276	11469881	592.880	ng	# 94
88) Benzo(b)fluoranthene	24.12	252	19166667	818.979	ng	# 49
89) Benzo(k)fluoranthene	24.16	252	2979138m	132.433	ng	
90) Benzo(a)pyrene	25.04	252	14869936	669.588	ng	# 57
91) Dibenzo(a,h)anthracene	29.01	278	3849050m	171.180	ng	
92) Benzo(g,h,i)perylene	30.23	276	11293215	502.172	ng	# 88

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

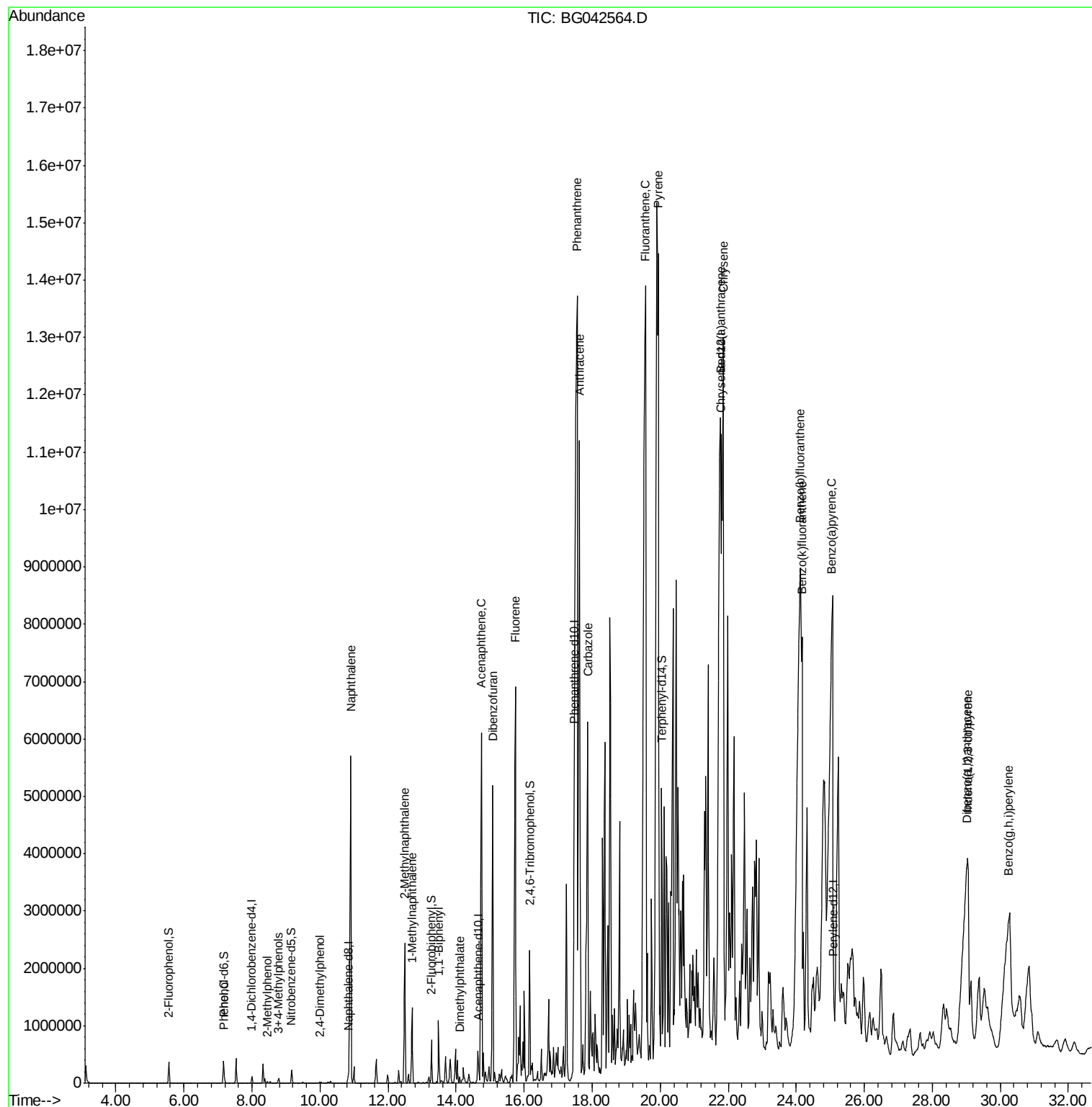
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042564.D
Acq On : 29 Aug 2019 14:20
Operator : HP/JU
Sample : K4409-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

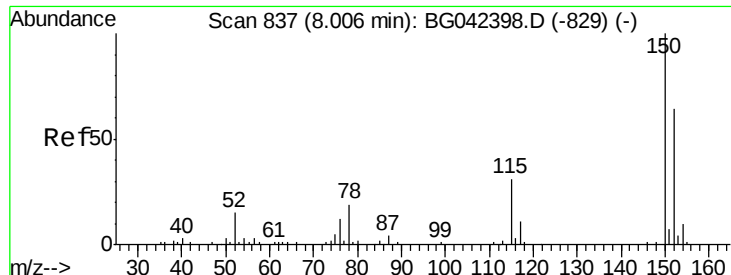
Instrument :
BNA_G
ClientSampleId :
S301-J-3.0-3.5-081919

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Quant Time: Aug 29 17:25:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

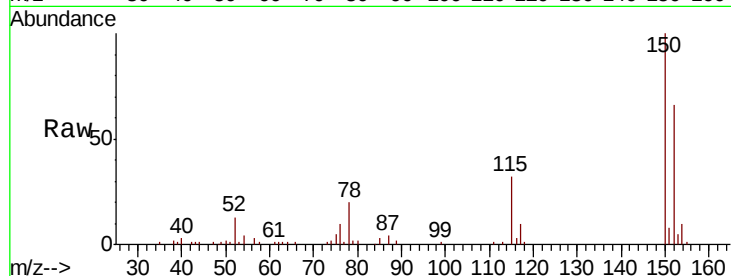
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
S301-J-3.0-3.5-081919

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.4	188.0
115	48.8	38.5	57.7

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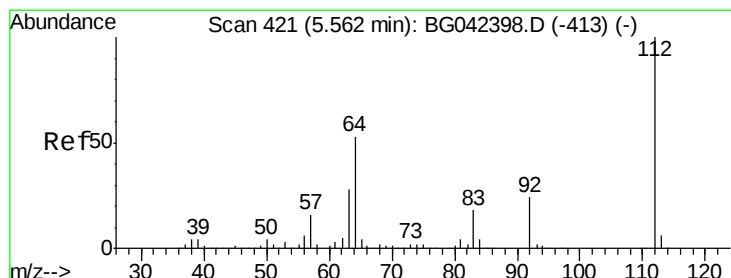
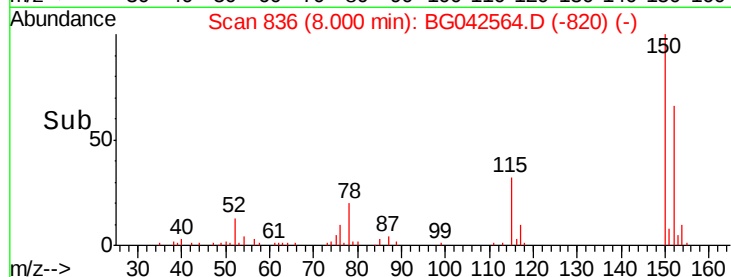
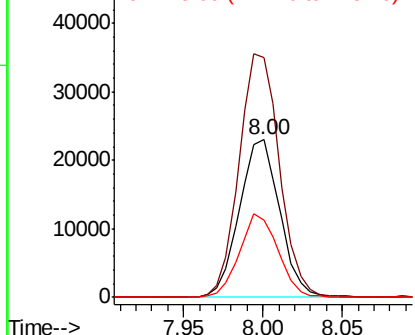


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

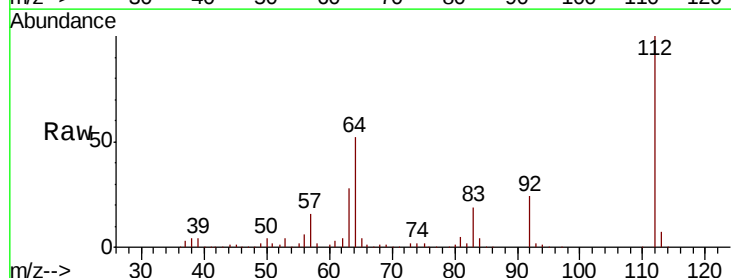
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.570 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.8	64.2
63	28.2	22.7	34.1

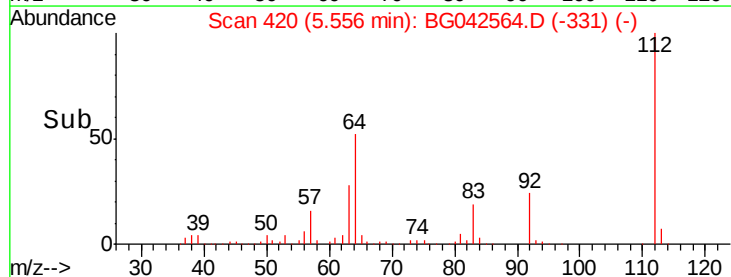
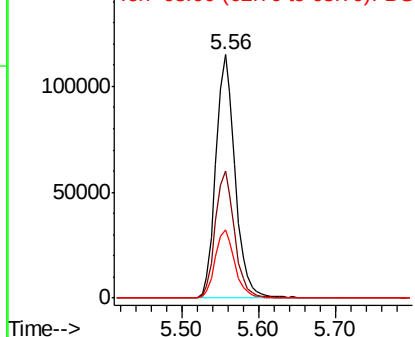


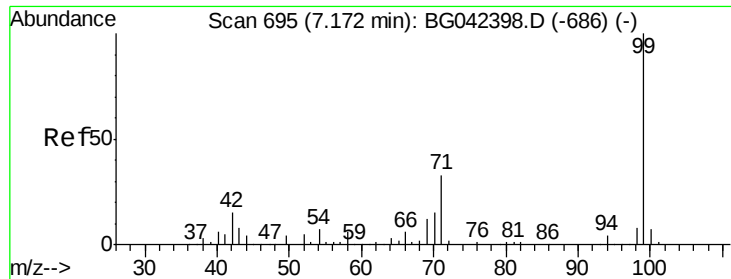
Abundance

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: 96.881 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042564.D

Acq: 29 Aug 2019 14:20

Instrument :

BNA_G

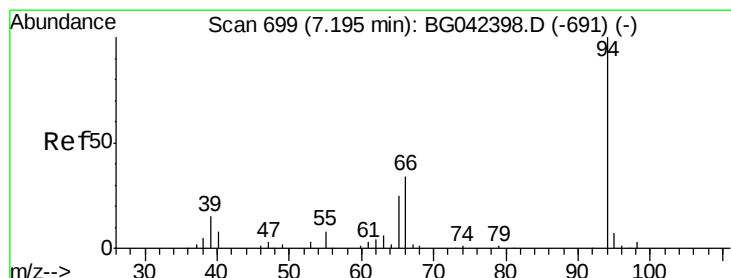
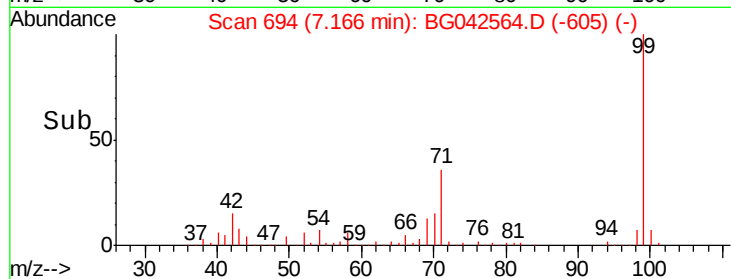
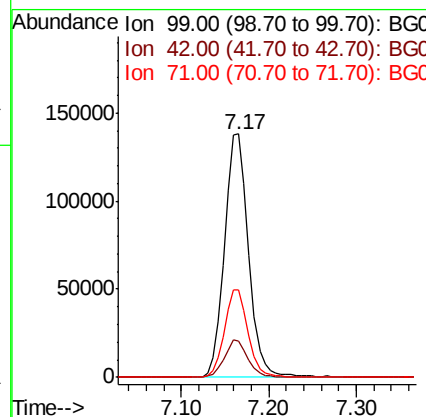
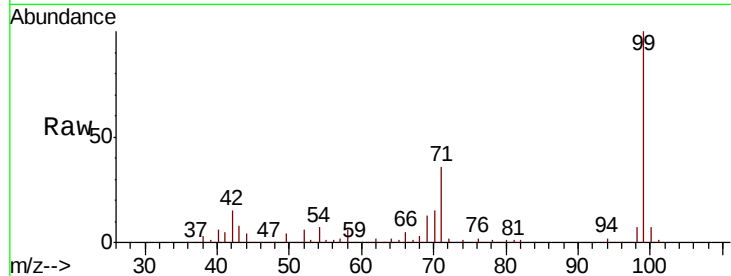
ClientSampleId :

S301-J-3.0-3.5-081919

Tot Ion:	99	Resp:	262588
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.0	18.0
71	35.7	26.3	39.5

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#10

Phenol

Concen: 17.851 ng

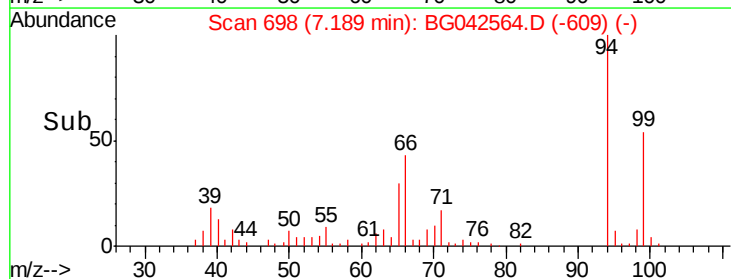
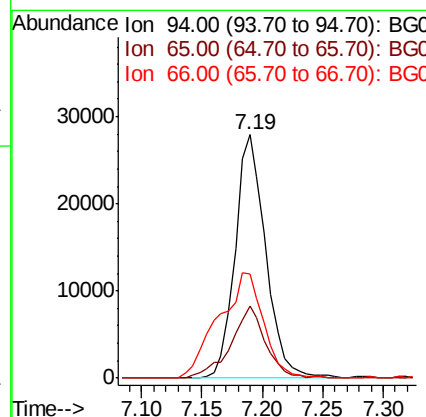
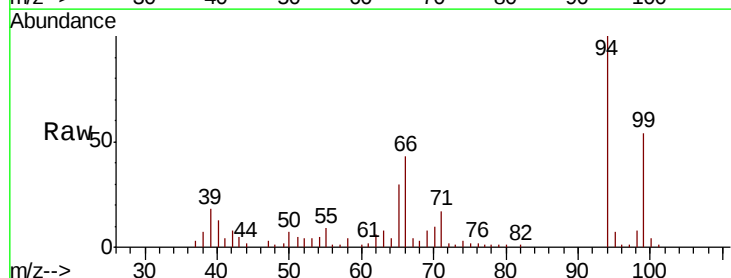
RT: 7.19 min Scan# 698

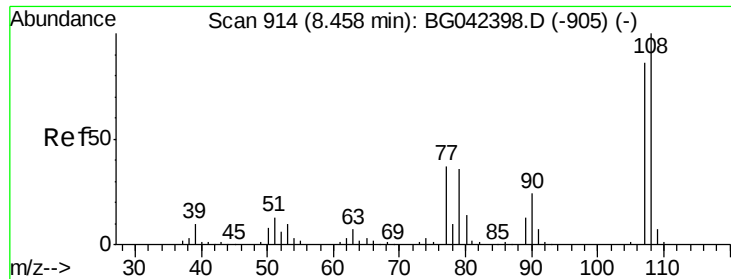
Delta R.T. -0.01 min

Lab File: BG042564.D

Acq: 29 Aug 2019 14:20

Tgt Ion:	94	Resp:	49194
Ion Ratio	Lower	Upper	
94	100		
65	29.7	5.6	45.6
66	42.9	16.0	56.0





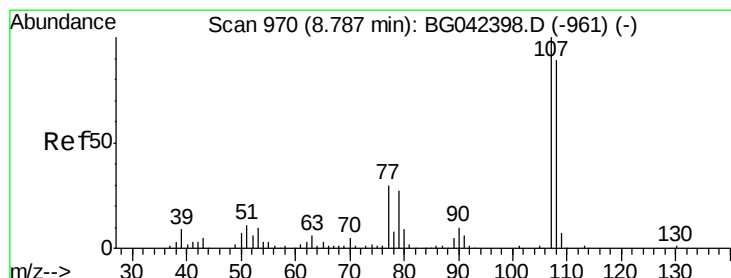
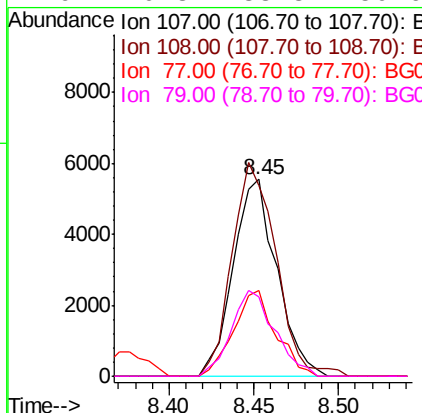
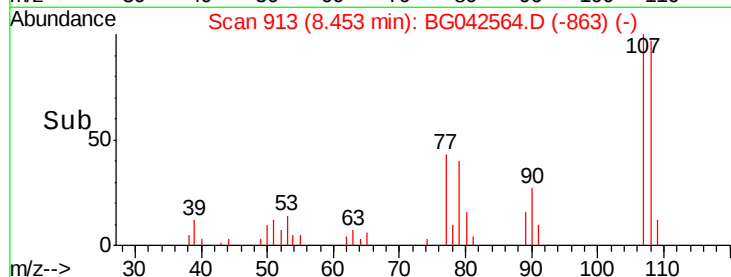
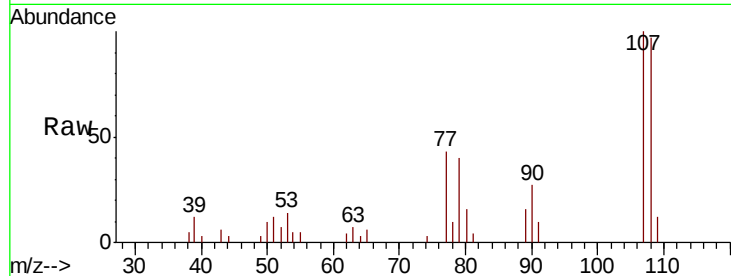
#17
2-Methylphenol
Concen: 4.916 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
S301-J-3.0-3.5-081919

Tot Ion:	107	Resp:	9978
Ion	Ratio	Lower	Upper
107	100		
108	97.3	92.9	139.3
77	43.5	34.4	51.6
79	40.3	33.8	50.6

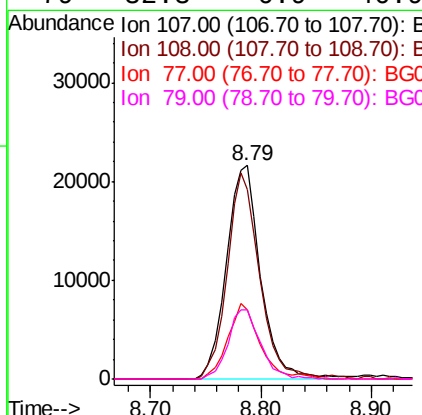
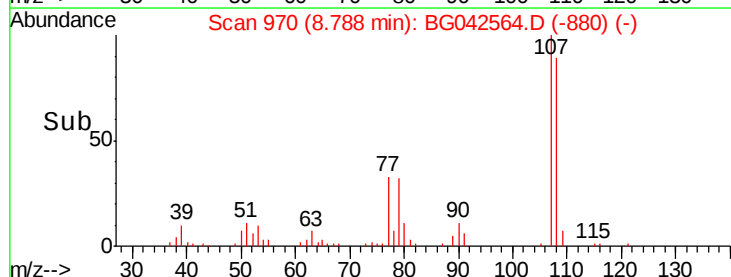
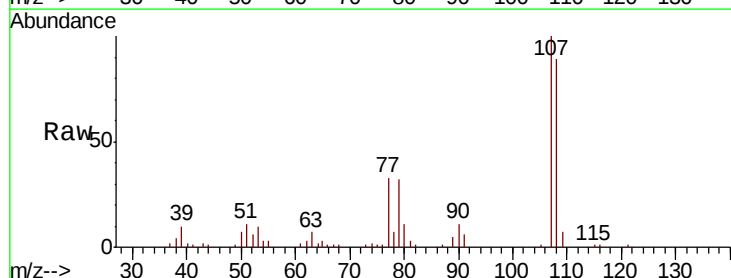
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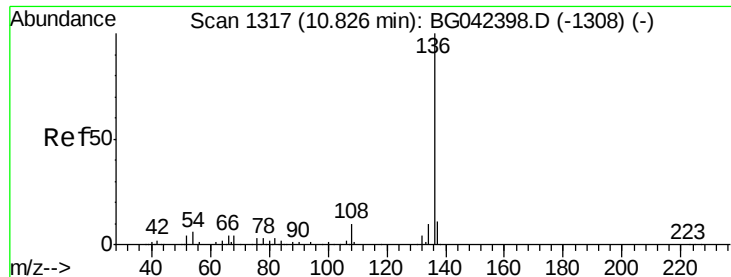
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#20
3+4-Methylphenols
Concen: 16.621 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Tgt Ion:	107	Resp:	46683
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.7	108.7
77	32.5	10.2	50.2
79	32.3	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG042564.D

Acq: 29 Aug 2019 14:20

Instrument :

BNA_G

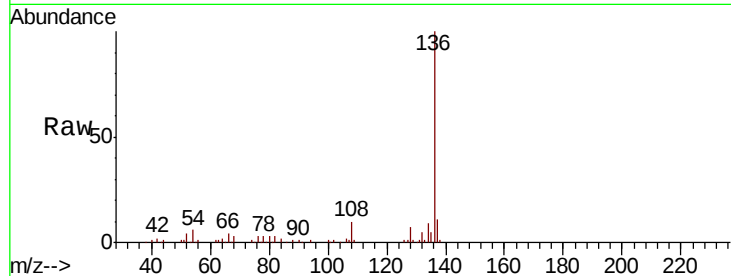
ClientSampleId :

S301-J-3.0-3.5-081919

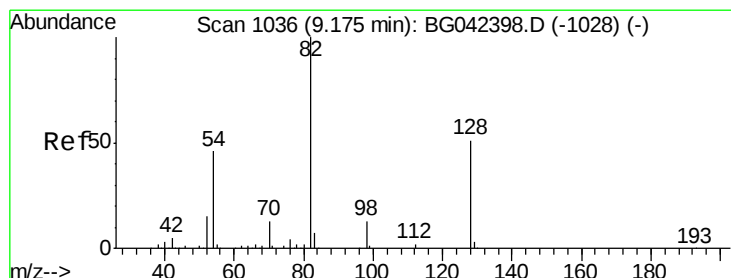
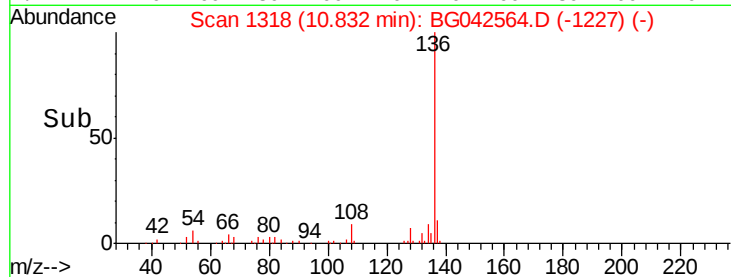
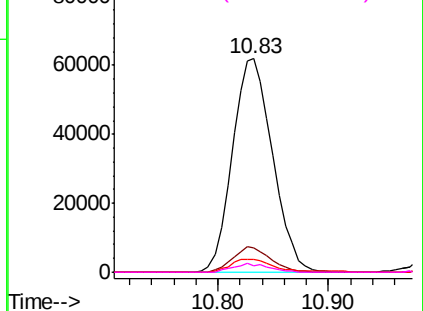
Tot Ion	Ratio	Resp	Lower	Upper
136	100	157116		
137	11.2	8.7	13.1	
54	6.0	4.9	7.3	
68	2.9	3.6	5.4	

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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: 66.590 ng

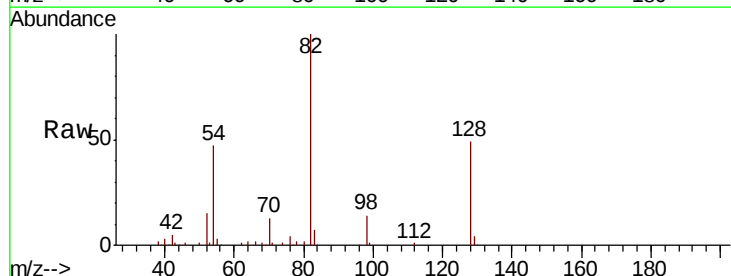
RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

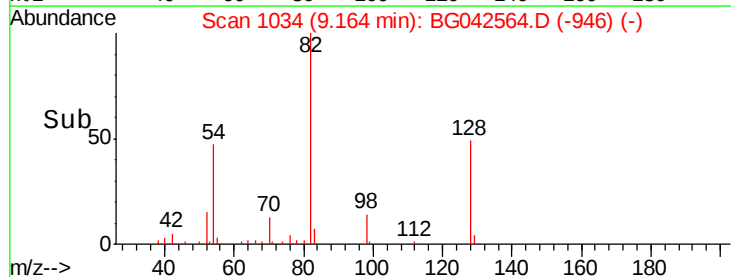
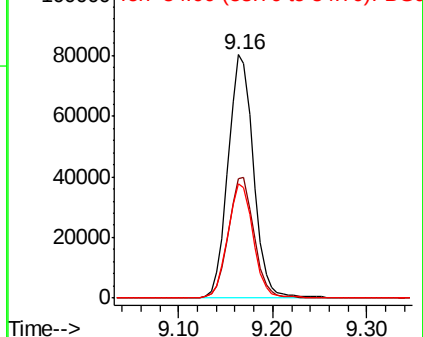
Lab File: BG042564.D

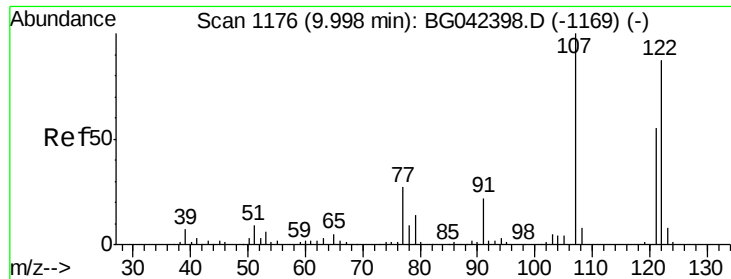
Acq: 29 Aug 2019 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	151401		
128	48.8	40.7	61.1	
54	46.9	36.3	54.5	



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





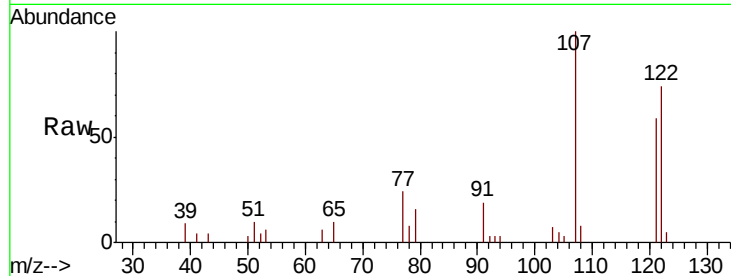
#27
2,4-Dimethylphenol
Concen: 6.456 ng m
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
S301-J-3.0-3.5-081919

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.9	90.8	136.2
121	79.6	49.6	74.4

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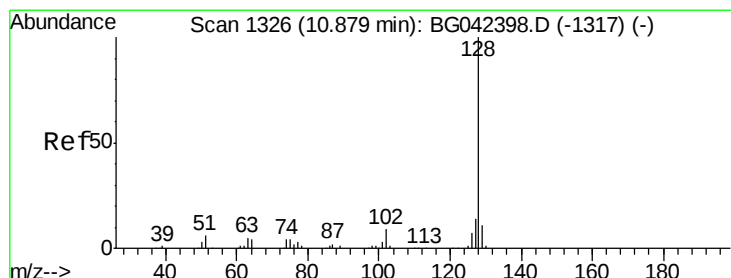
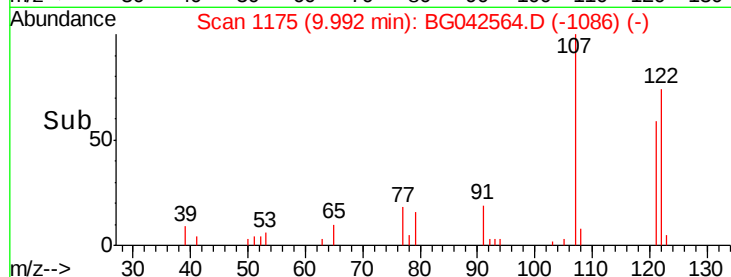
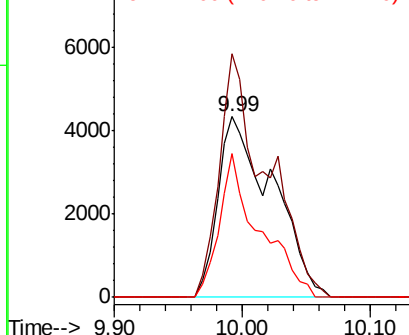


Abundance

Ion 122.00 (121.70 to 122.70): E

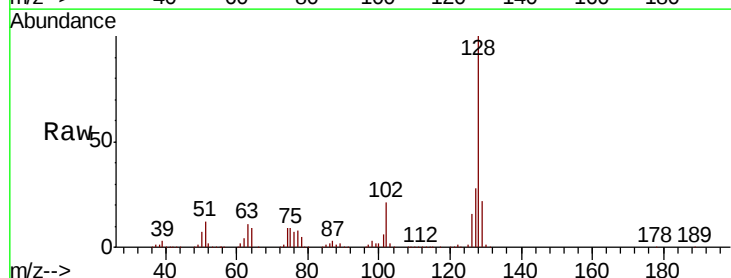
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31
Naphthalene
Concen: 785.696 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.03 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Tgt Ion	Ratio	Lower	Upper
128	100		
129	22.4	8.8	13.2
127	28.1	11.4	17.0

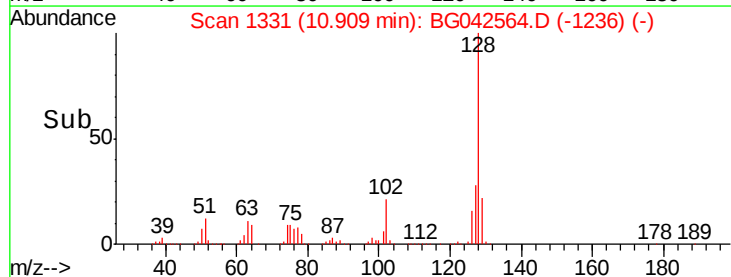
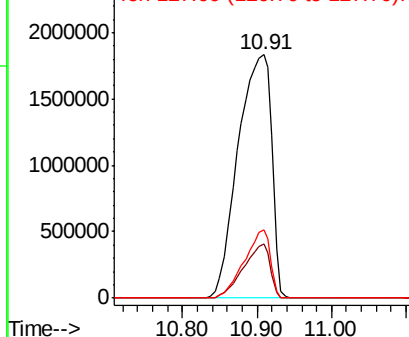


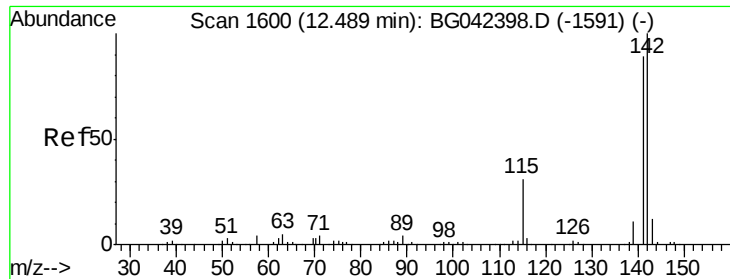
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





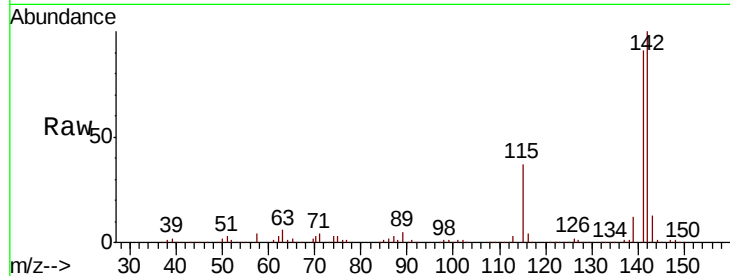
#37
2-Methylnaphthalene
Concen: 224.726 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
S301-J-3.0-3.5-081919

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.4	107.2
115	36.5	25.2	37.8

Manual Integrations
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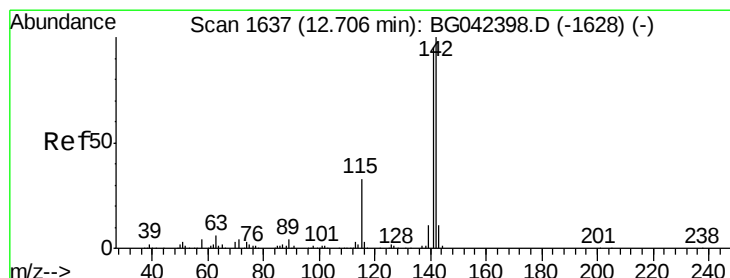
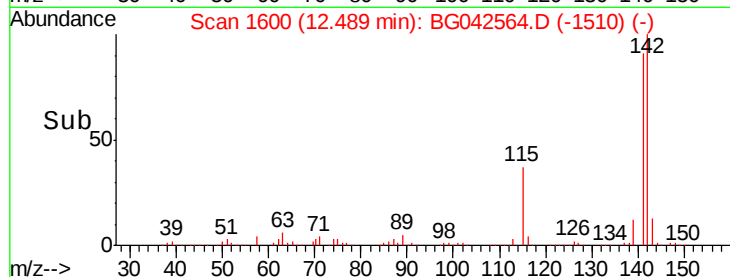
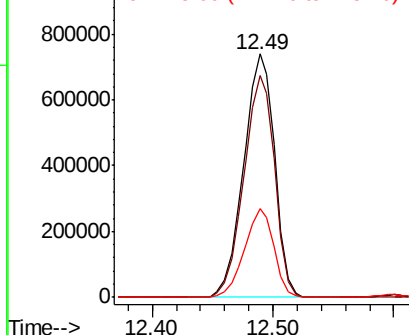


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 119.227 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

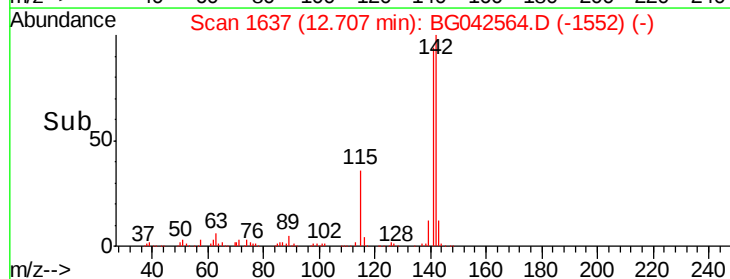
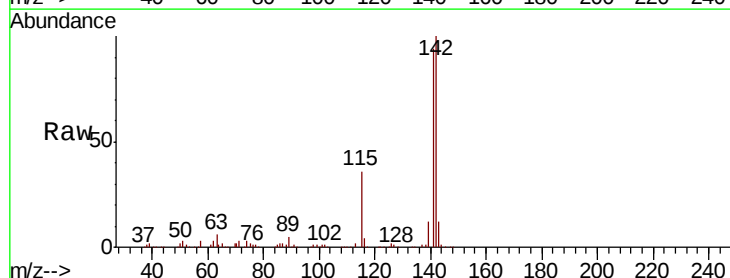
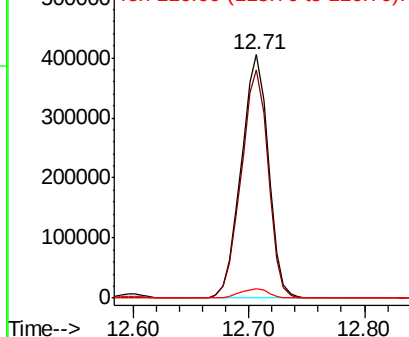
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.2	114.2
116	3.9	2.8	4.2

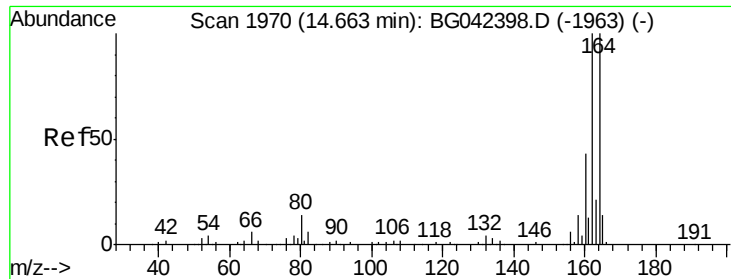
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





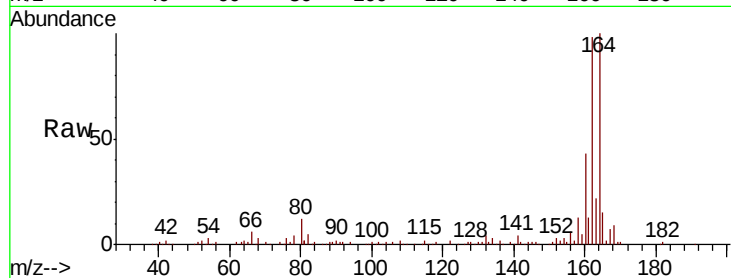
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
S301-J-3.0-3.5-081919

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.9	119.9
160	42.8	34.3	51.5

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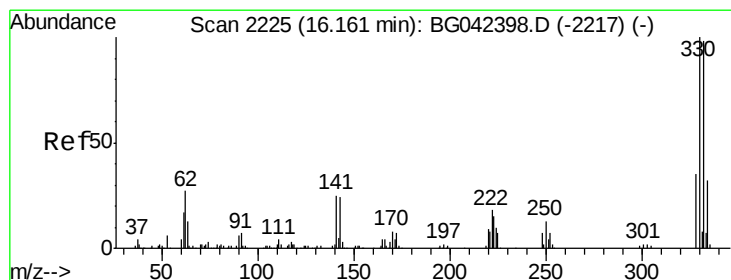
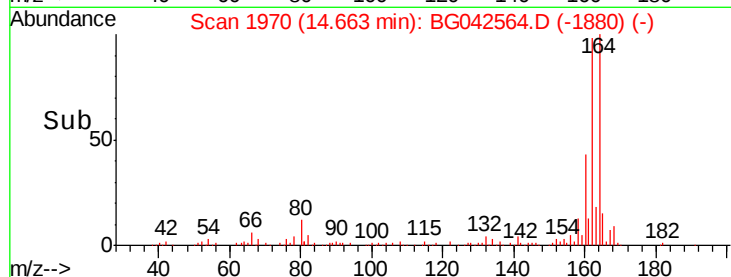
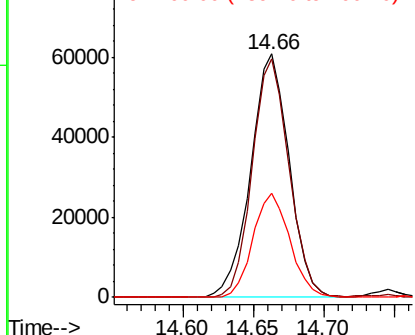


Abundance

Ion 164.00 (163.70 to 164.70): E

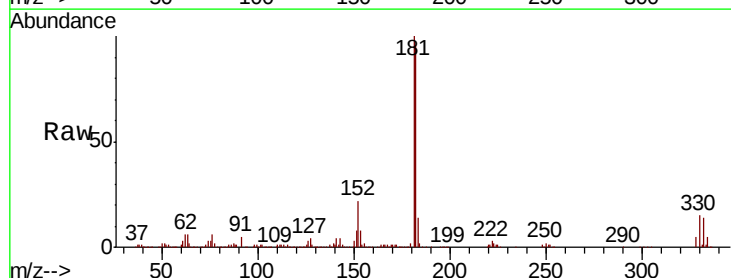
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 86.714 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	26.5	21.4	32.0

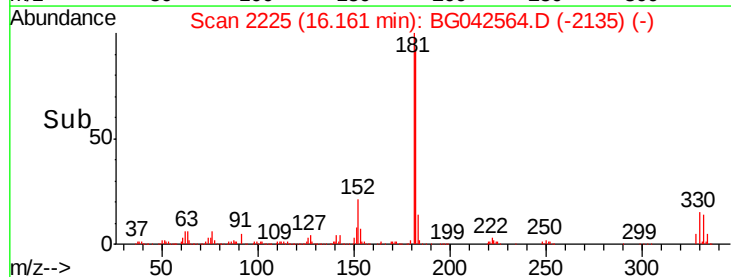
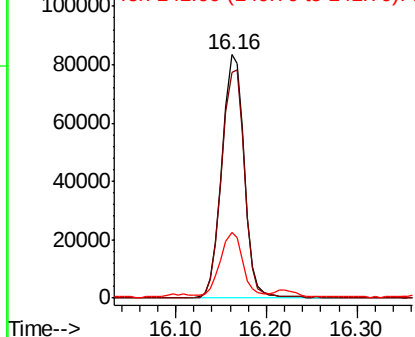


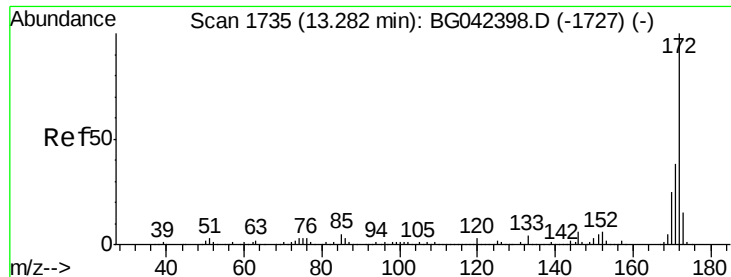
Abundance

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





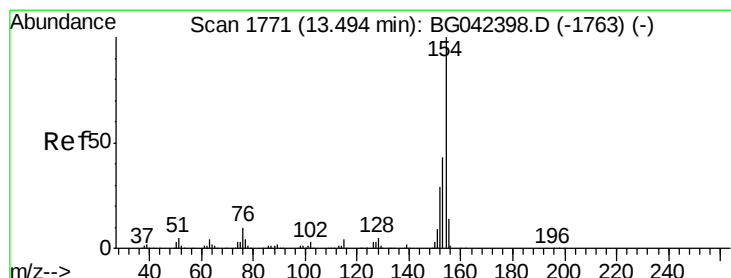
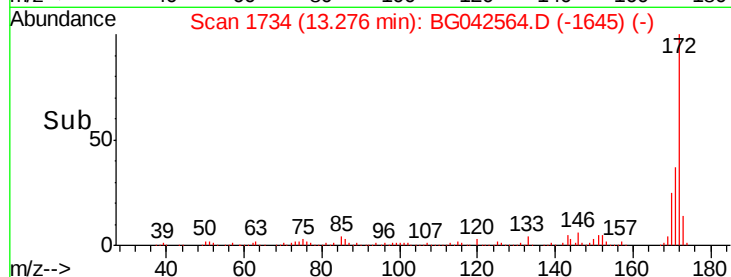
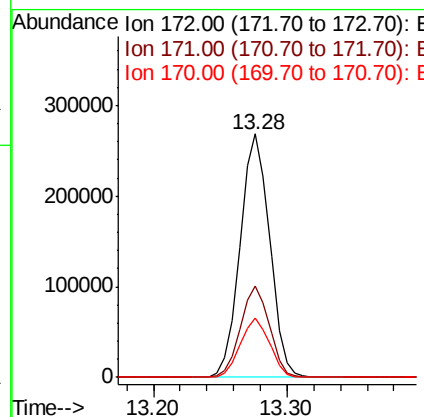
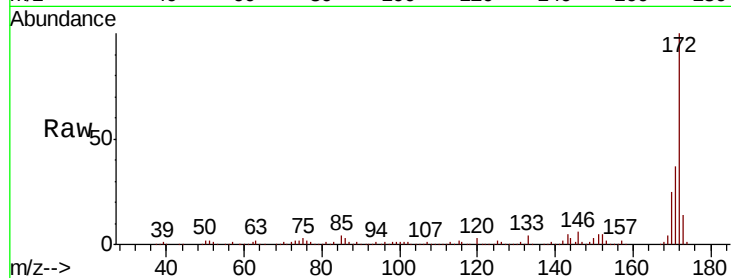
#45
2-Fluorobiphenyl
Concen: 59.661 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
S301-J-3.0-3.5-081919

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.6	20.2	30.2

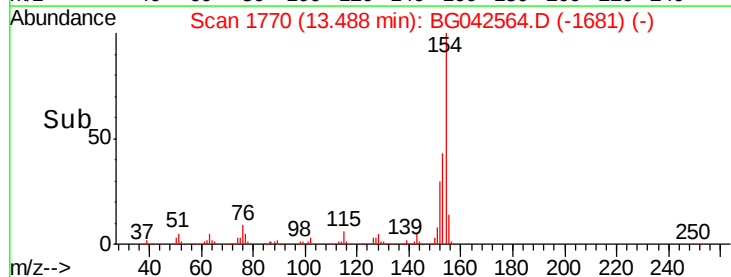
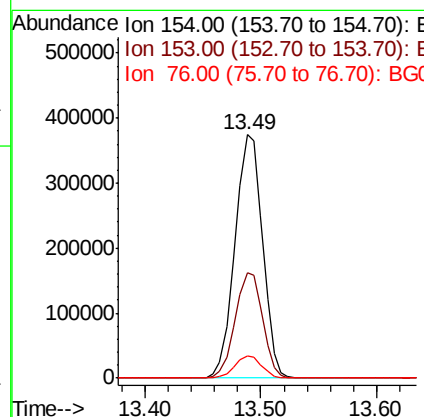
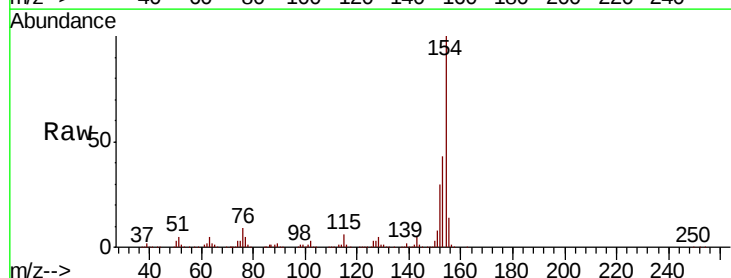
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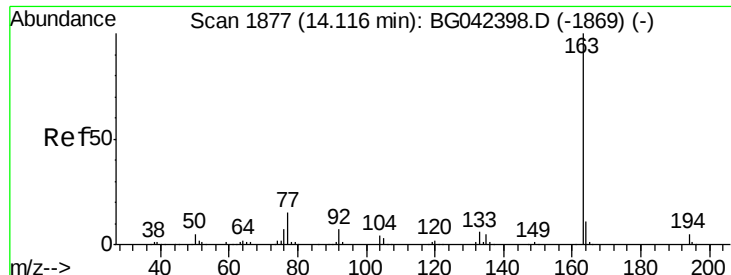
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#46
1,1'-Biphenyl
Concen: 82.182 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.0	63.0
76	9.0	0.0	29.6





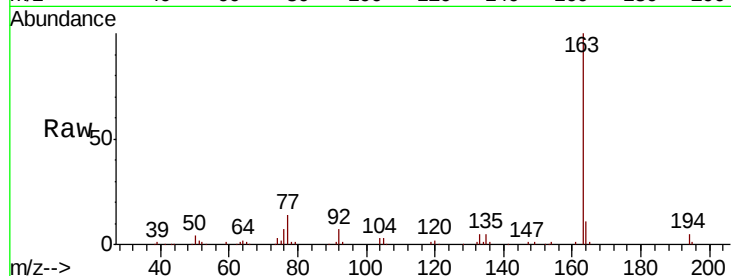
#50
Dimethylphthalate
Concen: 9.550 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
S301-J-3.0-3.5-081919

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	10.7	8.8	13.2

Manual Integrations
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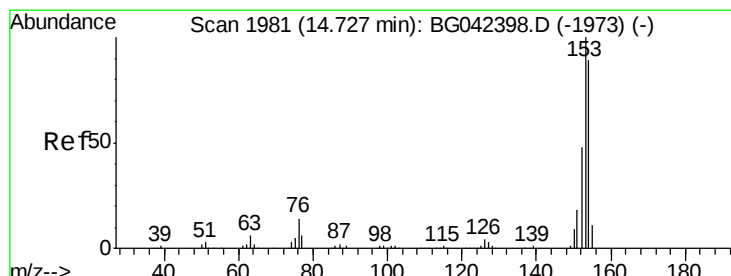
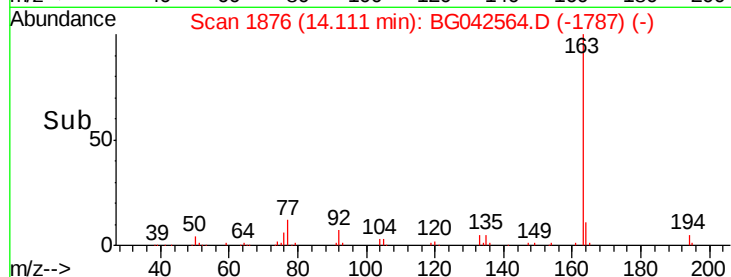
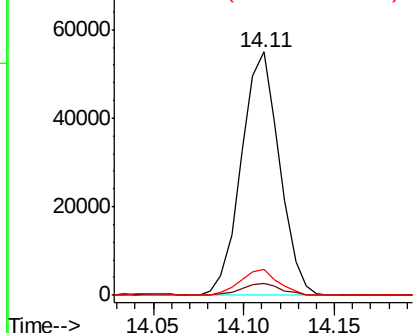


Abundance

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



#52
Acenaphthene
Concen: 498.263 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

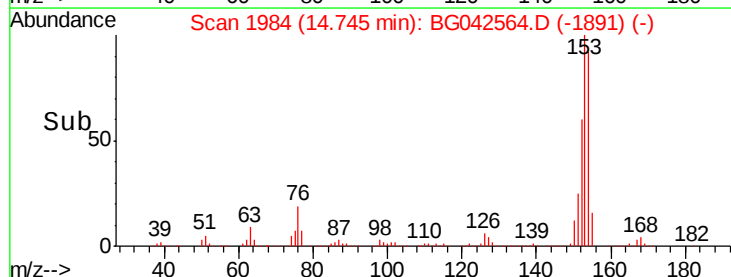
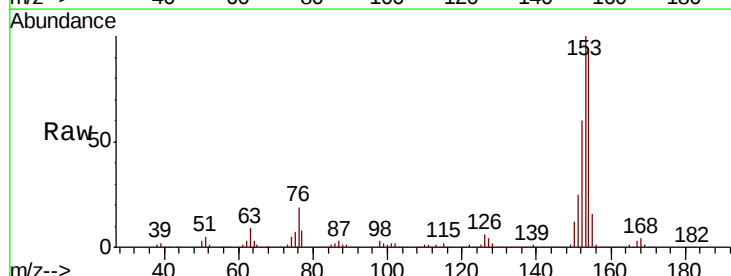
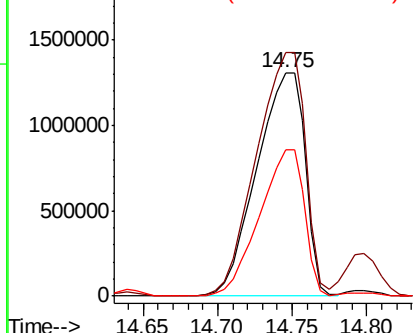
Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.8	90.2	135.4
152	65.3	43.2	64.8#

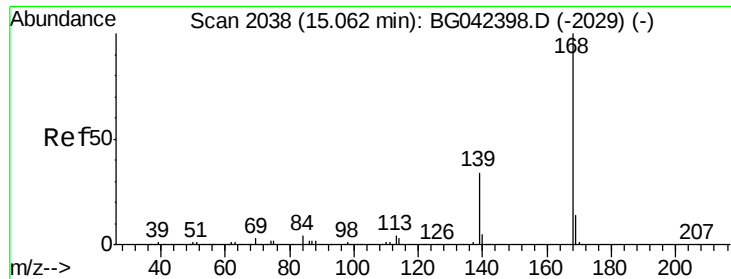
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





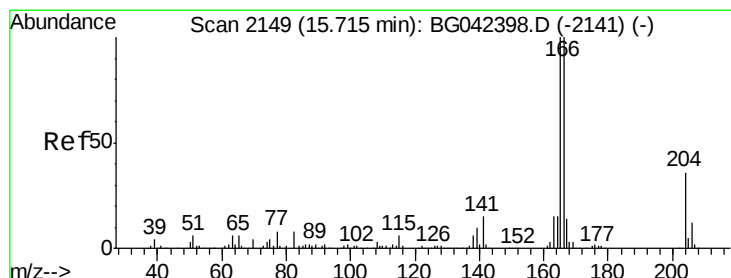
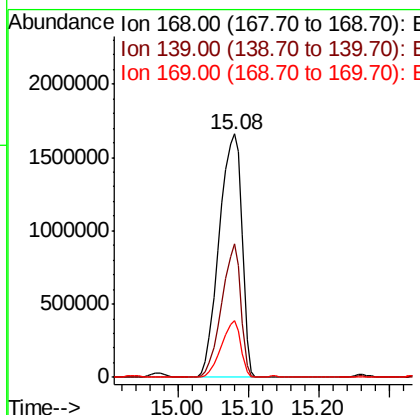
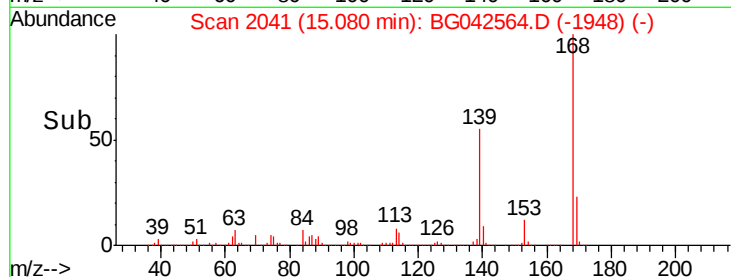
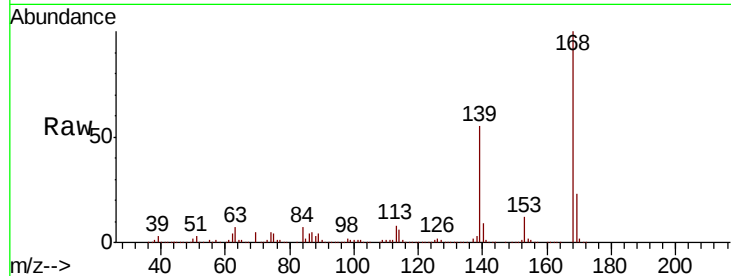
#55
Dibenzenofuran
Concen: 377.413 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
S301-J-3.0-3.5-081919

Tot Ion:168 Resp: 3704235
Ion Ratio Lower Upper
168 100
139 54.7 27.2 40.8#
169 23.3 11.5 17.3#

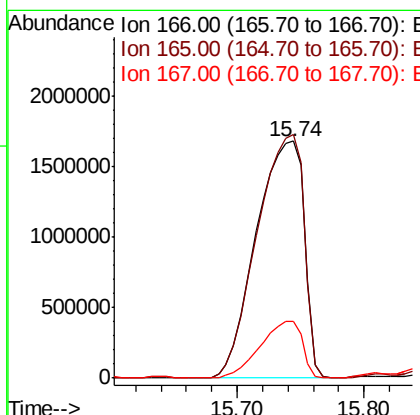
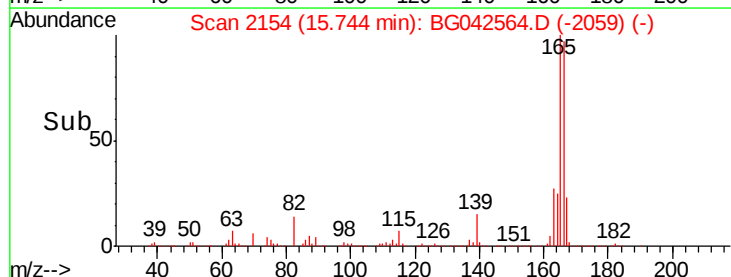
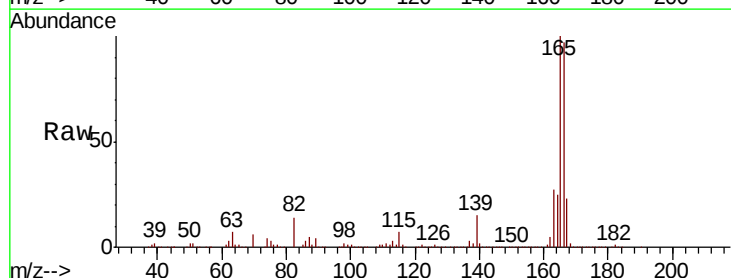
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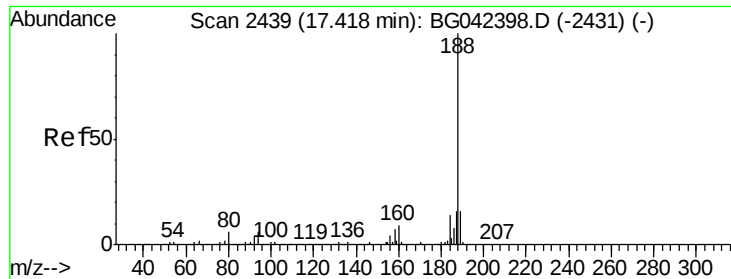
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#58
Fluorene
Concen: 553.521 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.03 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Tgt Ion:166 Resp: 4440934
Ion Ratio Lower Upper
166 100
165 102.8 79.7 119.5
167 24.1 10.9 16.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2447

Delta R.T. 0.05 min

Lab File: BG042564.D

Acq: 29 Aug 2019 14:20

Instrument :

BNA_G

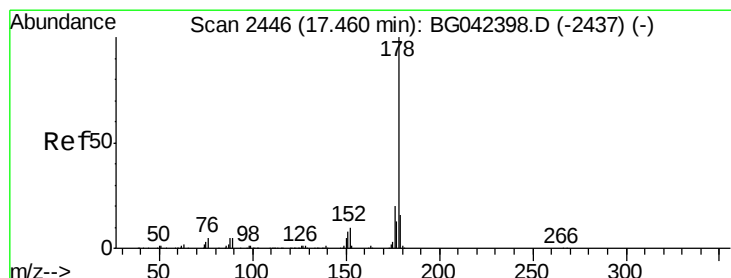
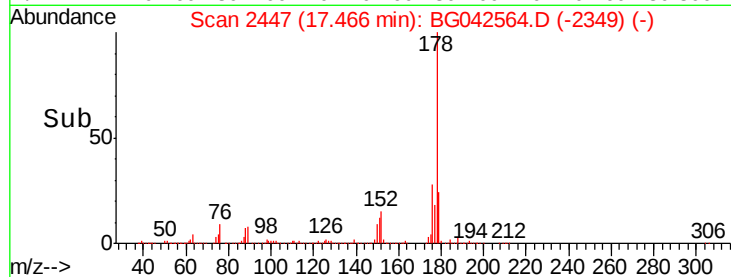
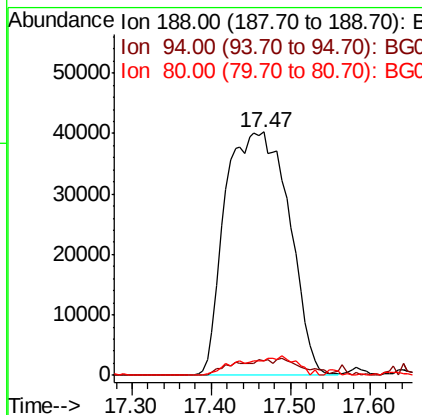
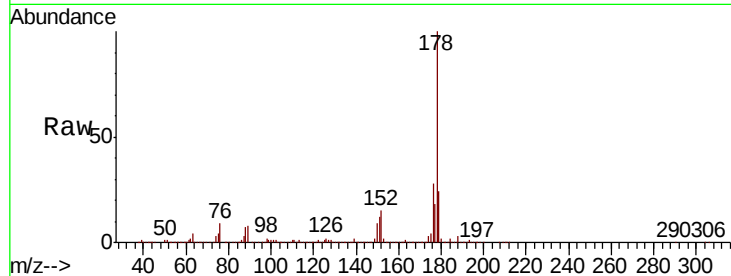
ClientSampleId :

S301-J-3.0-3.5-081919

Tot Ion:188	Resp:	224642
Ion Ratio	Lower	Upper
188 100		
94 6.1	4.5	6.7
80 6.0	4.9	7.3

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#71

Phenanthrene

Concen: 1312.110 ng

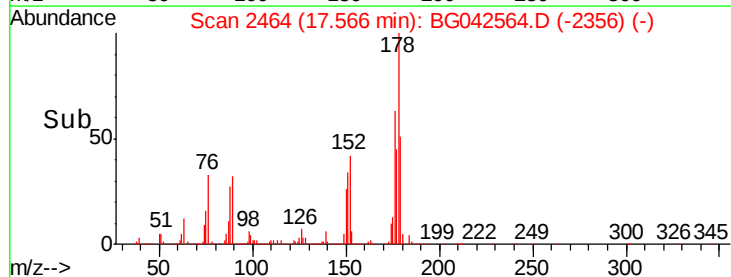
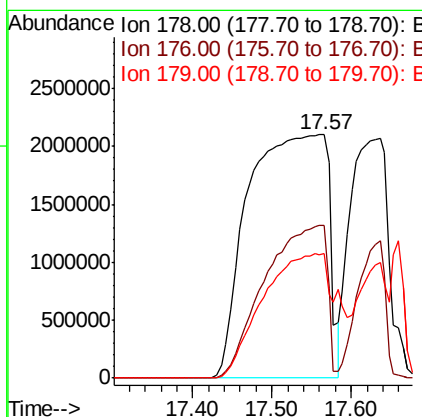
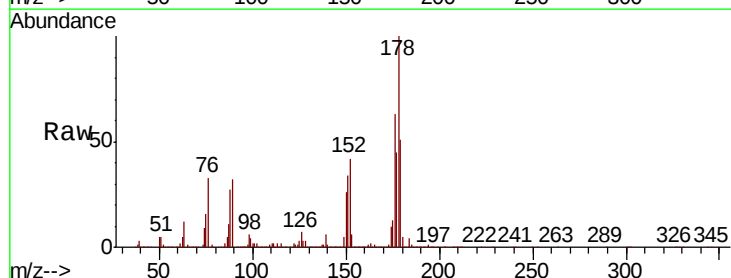
RT: 17.57 min Scan# 2464

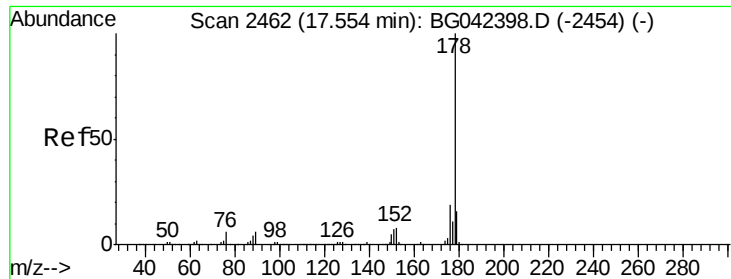
Delta R.T. 0.11 min

Lab File: BG042564.D

Acq: 29 Aug 2019 14:20

Tgt	Ion:178	Resp:14641005	
Ion	Ratio	Lower	Upper
178	100		
176	62.9	15.9	23.9#
179	51.0	12.7	19.1#





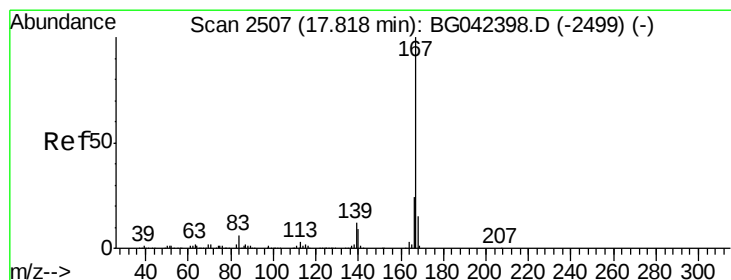
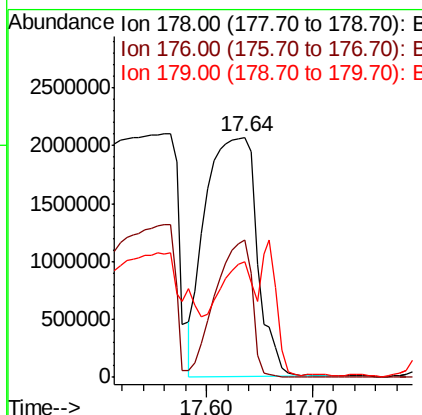
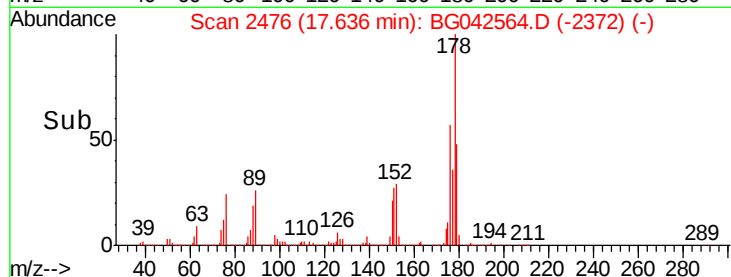
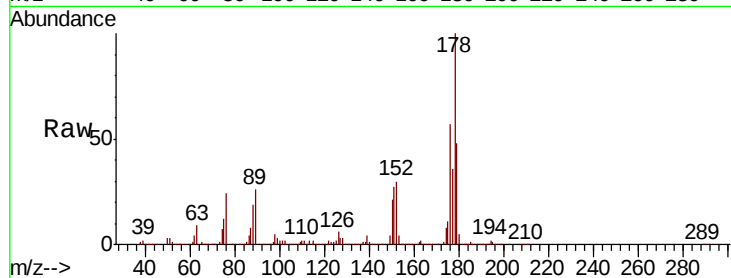
#72
 Anthracene
 Concen: 623.376 ng
 RT: 17.64 min Scan# 2476
 Delta R.T. 0.08 min
 Lab File: BG042564.D
 Acq: 29 Aug 2019 14:20

Instrument :
 BNA_G
 ClientSampleId :
 S301-J-3.0-3.5-081919

Tot Ion:178 Resp: 6944013
 Ion Ratio Lower Upper
 178 100
 176 57.0 15.5 23.3#
 179 48.3 12.9 19.3#

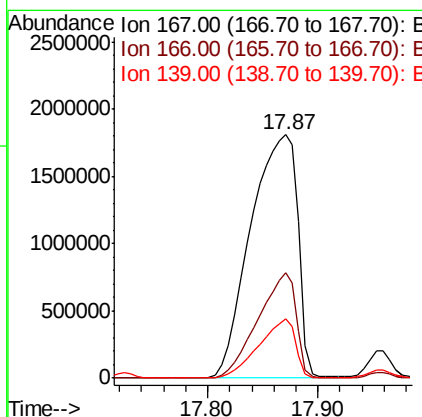
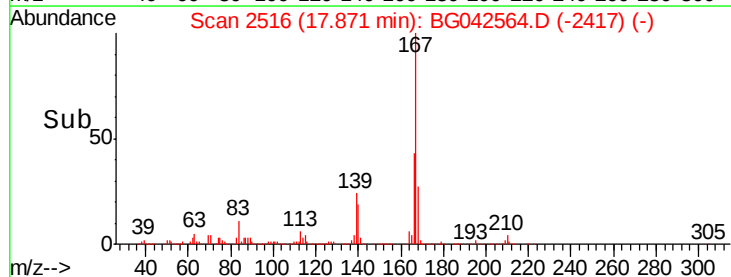
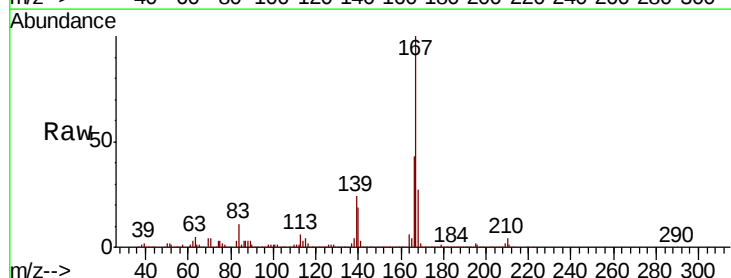
Manual Integrations
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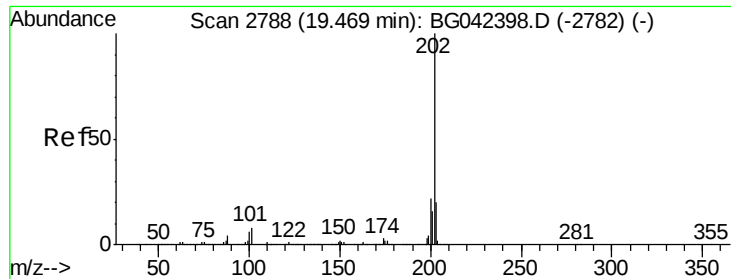
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#73
 Carbazole
 Concen: 544.528 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. 0.05 min
 Lab File: BG042564.D
 Acq: 29 Aug 2019 14:20

Tgt Ion:167 Resp: 5406005
 Ion Ratio Lower Upper
 167 100
 166 43.4 18.9 28.3#
 139 24.5 9.8 14.6#





#75

Fluoranthene

Concen: 1058.916 ng

RT: 19.56 min Scan# 2803

Delta R.T. 0.09 min

Lab File: BG042564.D

Acq: 29 Aug 2019 14:20

Instrument :

BNA_G

ClientSampleId :

S301-J-3.0-3.5-081919

Tot Ion:202 Resp:14420260

Ion Ratio Lower Upper

202 100

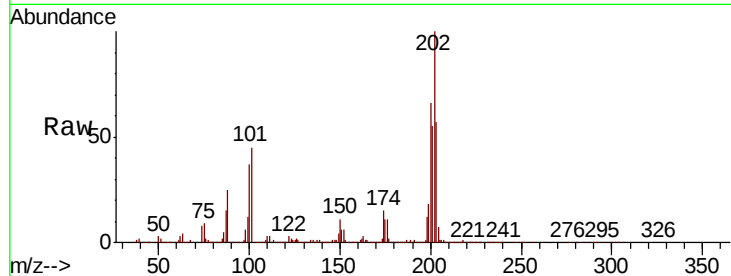
101 44.5 0.0 28.3#

203 56.8 0.0 39.6#

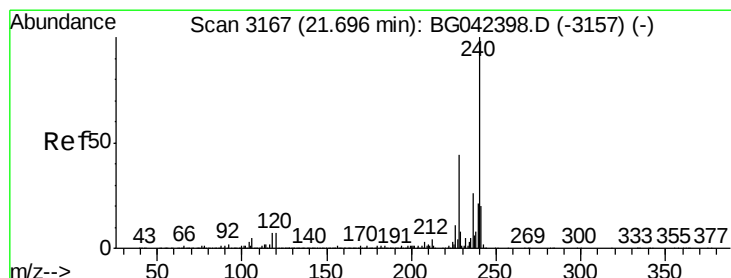
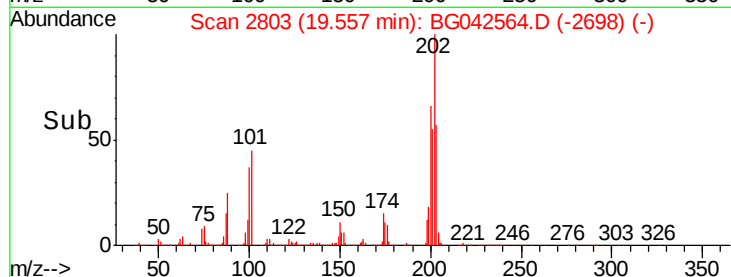
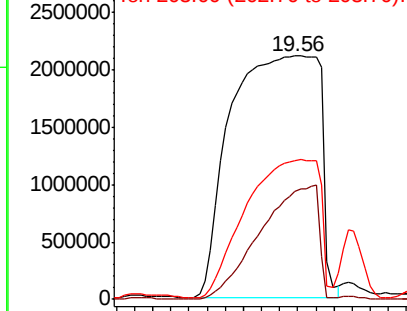
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3182

Delta R.T. 0.09 min

Lab File: BG042564.D

Acq: 29 Aug 2019 14:20

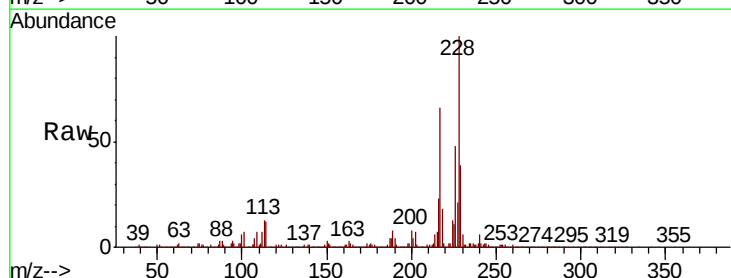
Tgt Ion:240 Resp: 242654

Ion Ratio Lower Upper

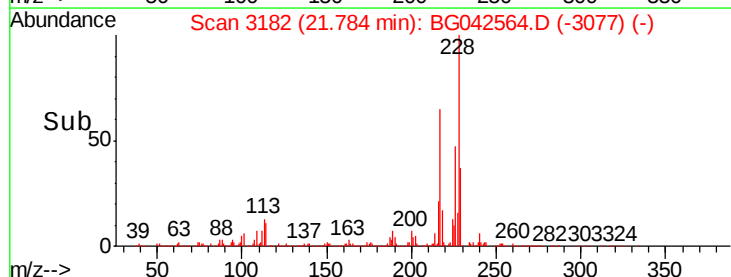
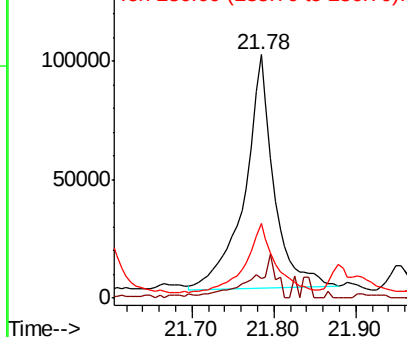
240 100

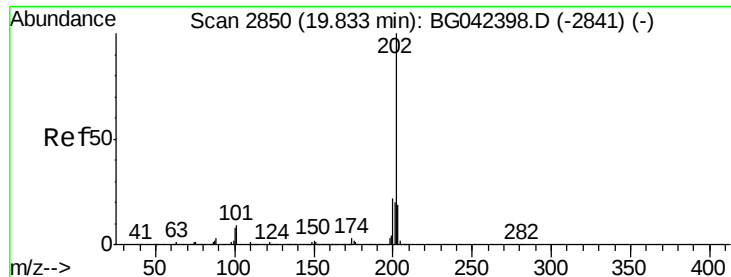
120 8.2 5.7 8.5

236 30.4 21.0 31.4



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: 878.927 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.11 min

Lab File: BG042564.D

Acq: 29 Aug 2019 14:20

Instrument :

BNA_G

ClientSampleId :

S301-J-3.0-3.5-081919

Tot Ion:202 Resp:13075795

Ion Ratio Lower Upper

202 100

200 66.2 17.8 26.6#

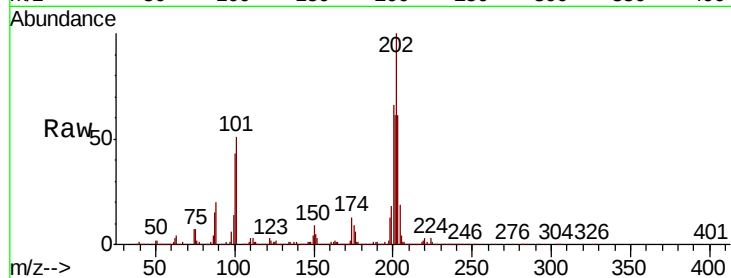
203 61.5 15.5 23.3#

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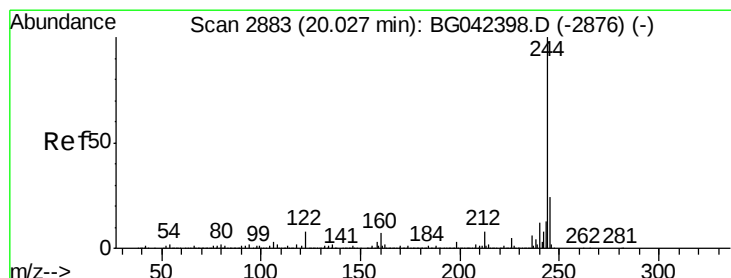
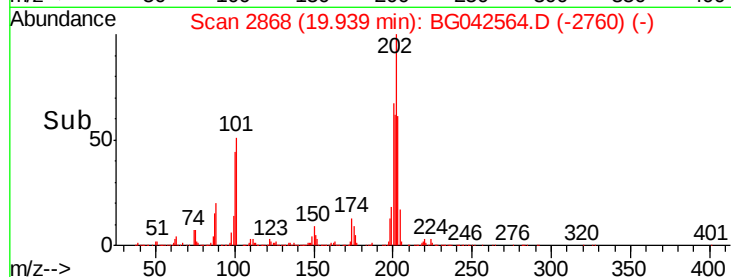
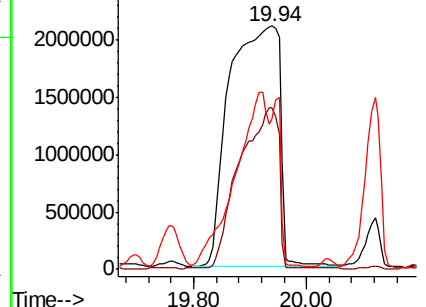
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 59.826 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.02 min

Lab File: BG042564.D

Acq: 29 Aug 2019 14:20

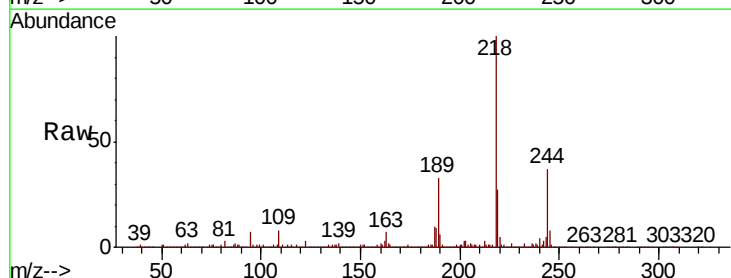
Tgt Ion:244 Resp: 671491

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

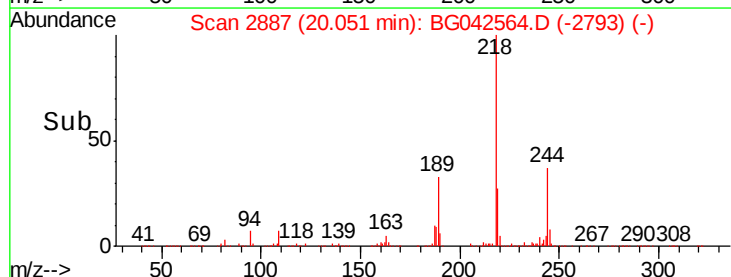
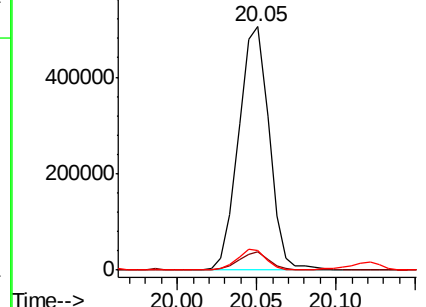
122 8.0 6.7 10.1

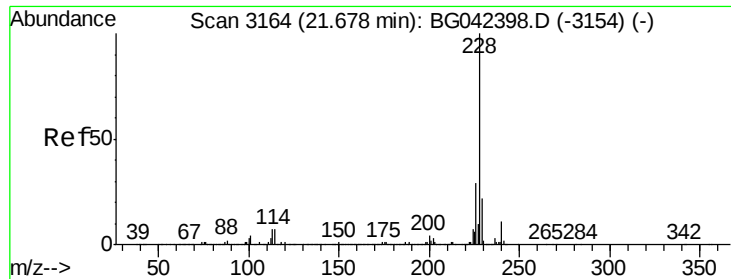


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 809.082 ng

RT: 21.77 min Scan# 3179

Delta R.T. 0.09 min

Lab File: BG042564.D

Acq: 29 Aug 2019 14:20

Instrument :

BNA_G

ClientSampleId :

S301-J-3.0-3.5-081919

Tot Ion:228 Resp:11942945

Ion Ratio Lower Upper

228 100

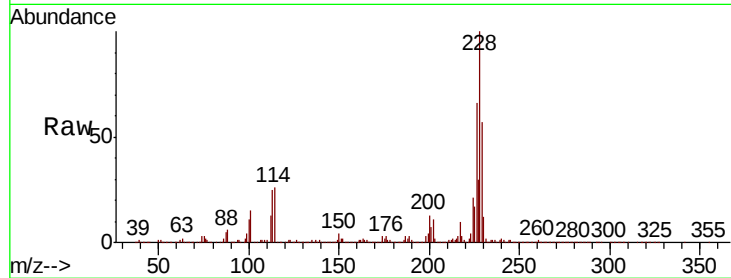
226 65.6 23.4 35.2#

229 56.9 17.4 26.2#

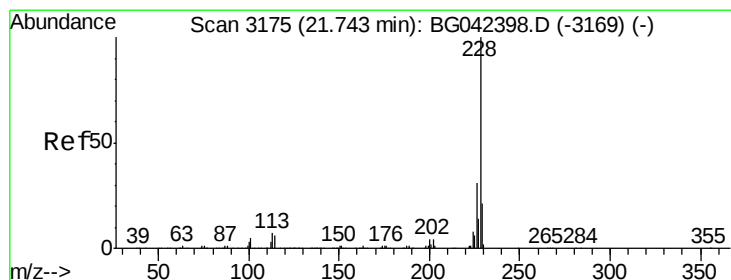
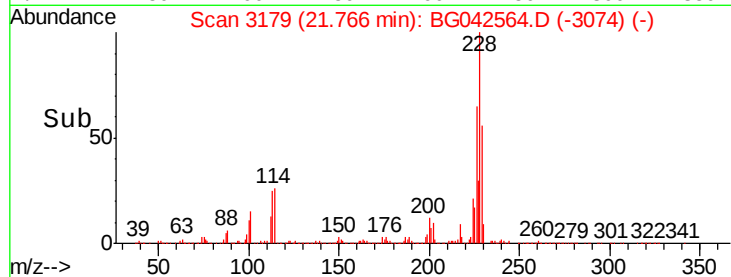
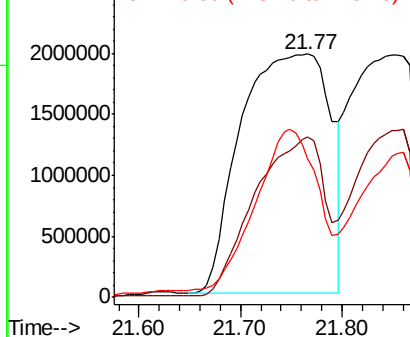
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 571.964 ng m

RT: 21.85 min Scan# 3193

Delta R.T. 0.11 min

Lab File: BG042564.D

Acq: 29 Aug 2019 14:20

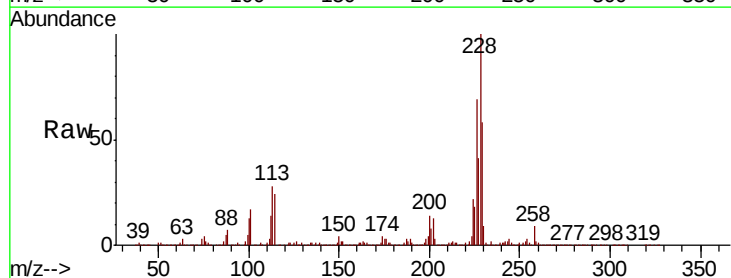
Tgt Ion:228 Resp: 8142361

Ion Ratio Lower Upper

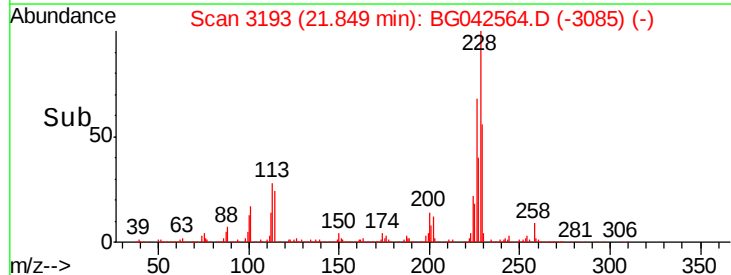
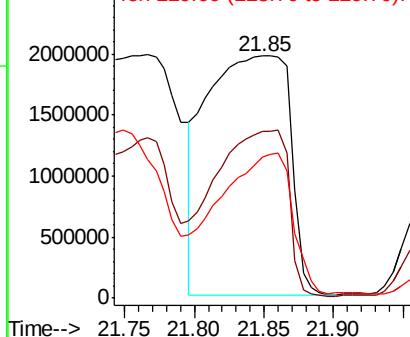
228 100

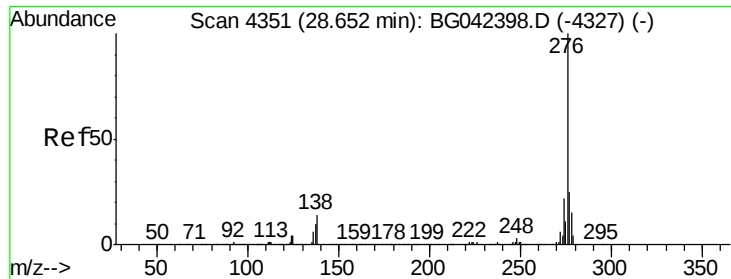
226 68.8 24.9 37.3#

229 58.2 16.9 25.3#



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





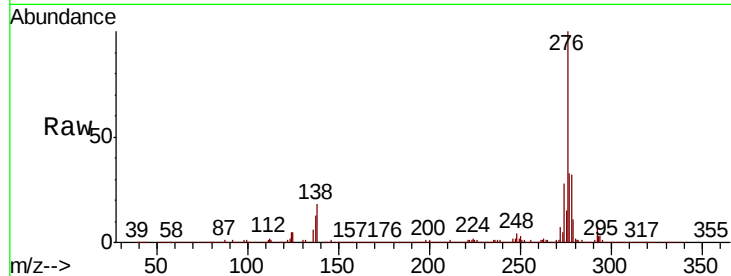
#86
Indeno(1,2,3-cd)pyrene
Concen: 592.880 ng
RT: 29.04 min Scan# 4417
Delta R.T. 0.39 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
S301-J-3.0-3.5-081919

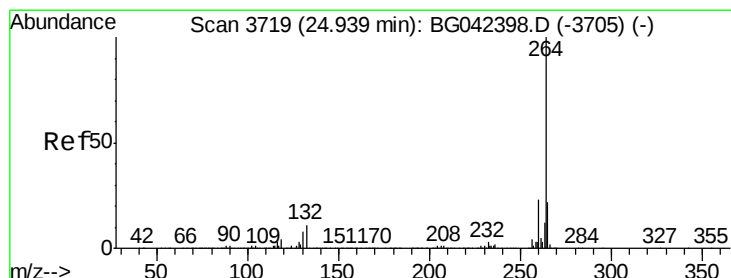
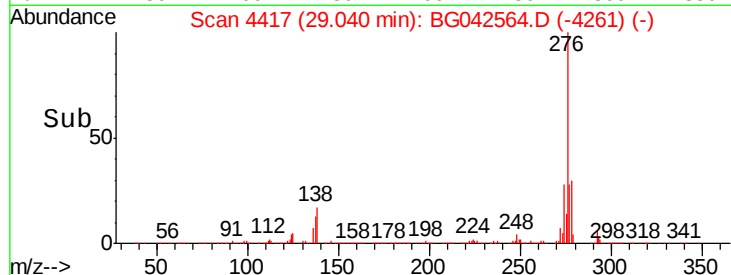
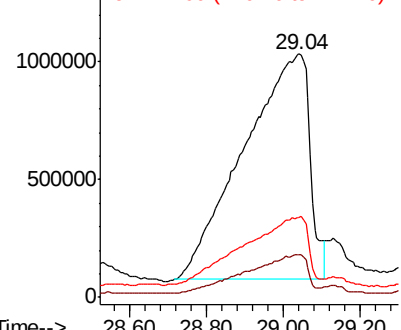
Tot Ion:276 Resp:11469881
Ion Ratio Lower Upper
276 100
138 15.8 9.2 13.8#
277 28.6 21.0 31.6

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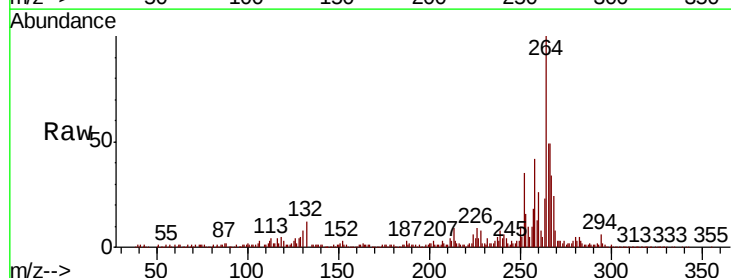


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

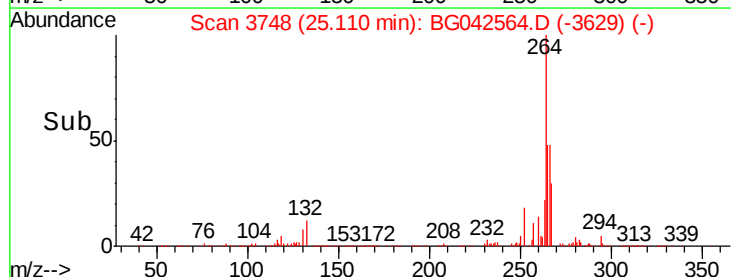
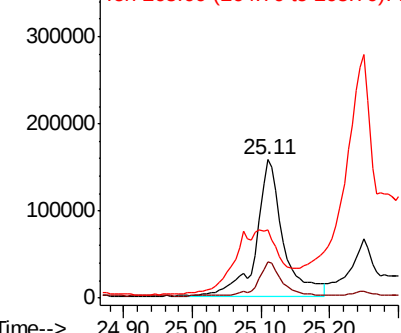


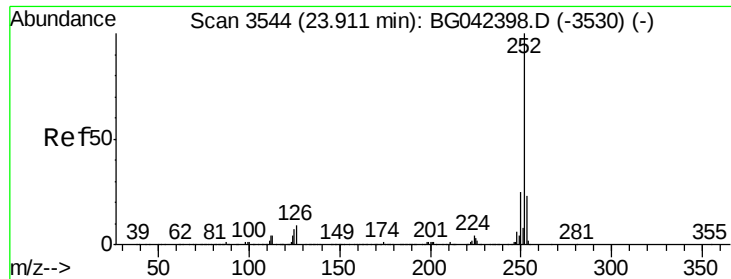
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3748
Delta R.T. 0.17 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Tgt Ion:264 Resp: 425695
Ion Ratio Lower Upper
264 100
260 25.9 18.5 27.7
265 49.4 17.6 26.4#



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





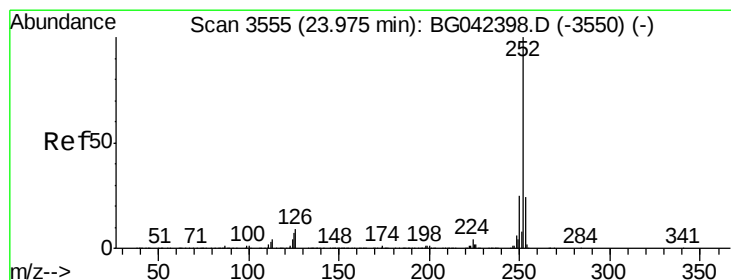
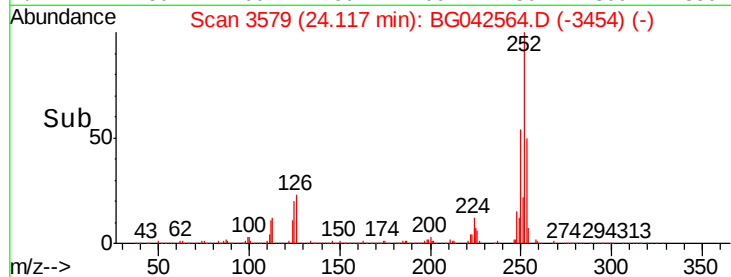
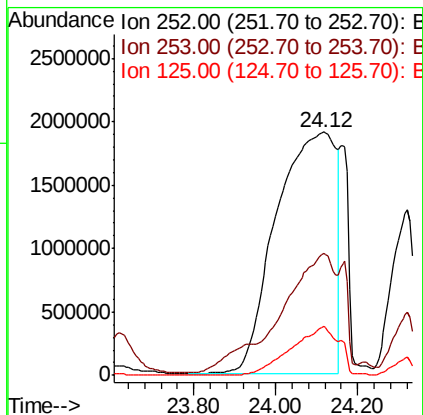
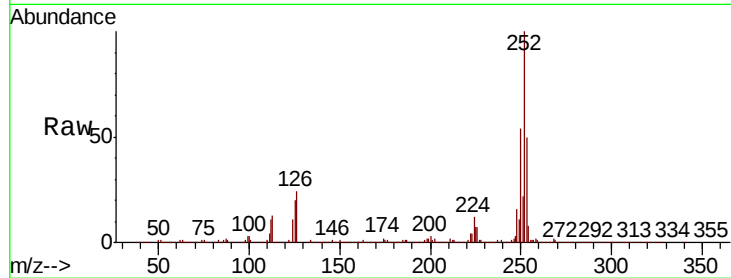
#88
Benzo(b)fluoranthene
Concen: 818.979 ng
RT: 24.12 min Scan# 3579
Delta R.T. 0.21 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
S301-J-3.0-3.5-081919

Tot Ion	Ratio	Lower	Upper
252	100		
253	50.2	18.6	27.8#
125	20.0	5.6	8.4#

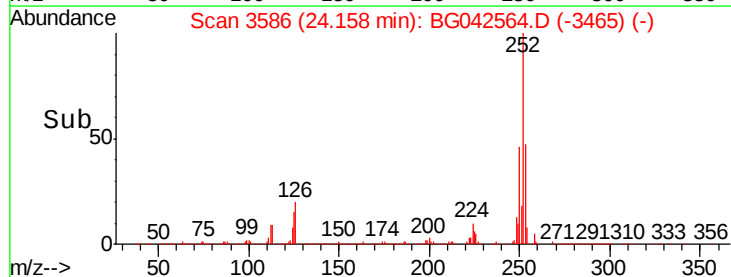
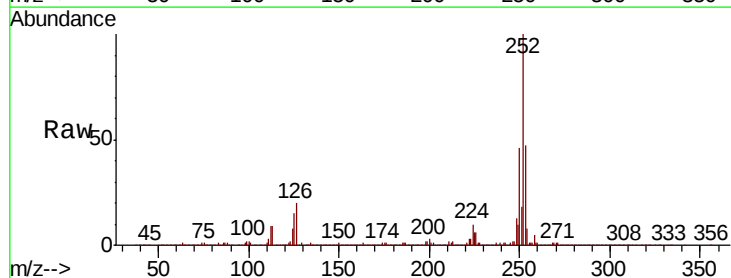
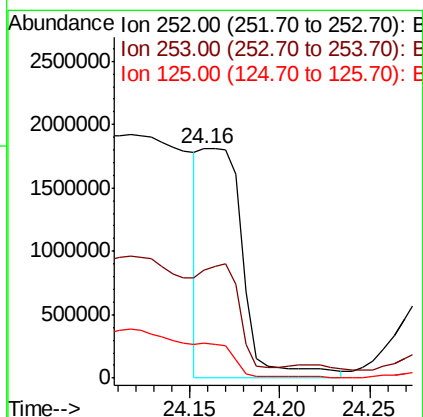
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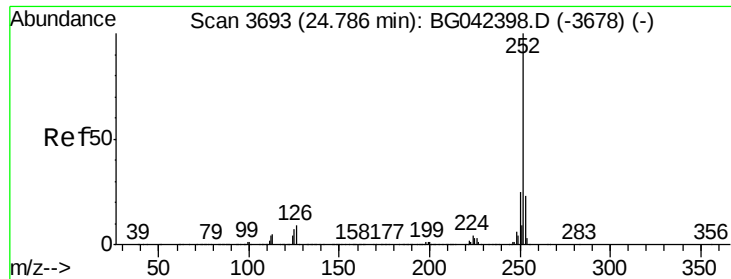
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#89
Benzo(k)fluoranthene
Concen: 132.433 ng m
RT: 24.16 min Scan# 3586
Delta R.T. 0.18 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.1	18.6	27.8#
125	15.1	5.8	8.6#





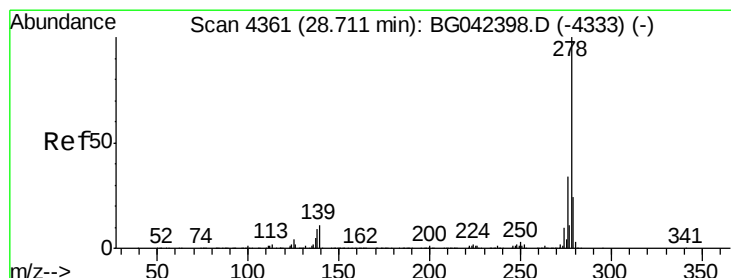
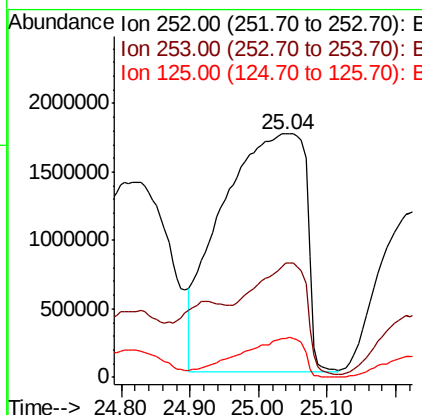
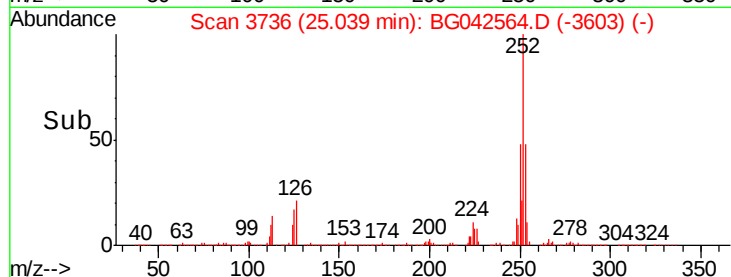
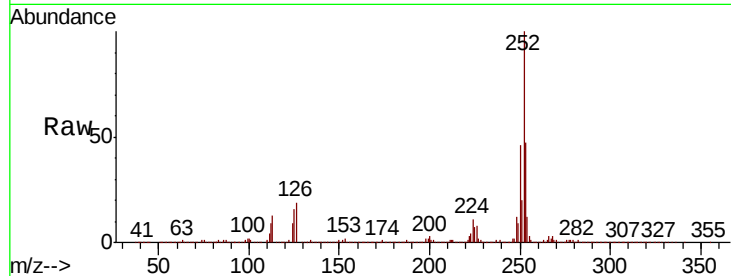
#90
Benzo(a)pyrene
Concen: 669.588 ng
RT: 25.04 min Scan# 3736
Delta R.T. 0.25 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Instrument :
BNA_G
ClientSampleId :
S301-J-3.0-3.5-081919

Tot Ion:252 Resp:14869936
Ion Ratio Lower Upper
252 100
253 47.0 18.4 27.6#
125 15.7 6.0 9.0#

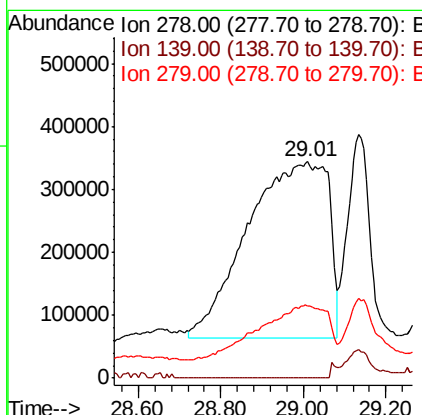
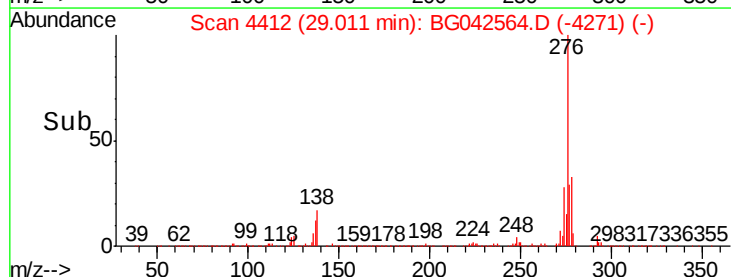
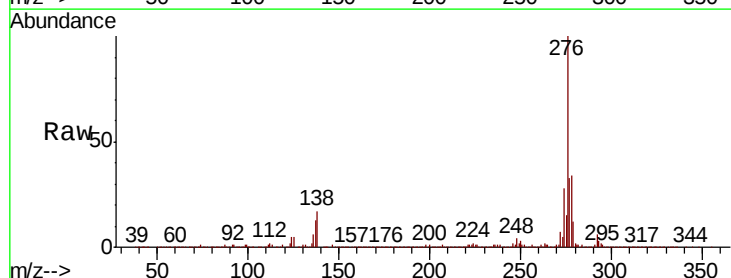
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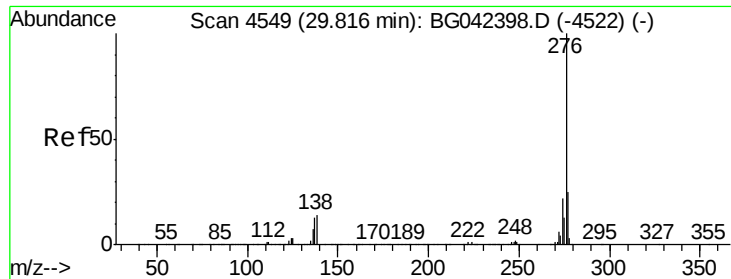
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#91
Dibenzo(a,h)anthracene
Concen: 171.180 ng m
RT: 29.01 min Scan# 4412
Delta R.T. 0.30 min
Lab File: BG042564.D
Acq: 29 Aug 2019 14:20

Tgt Ion:278 Resp: 3849050
Ion Ratio Lower Upper
278 100
139 0.0 8.8 13.2#
279 33.4 19.1 28.7#





#92
 Benzo(a,h,i)perylene
 Concen: 502.172 ng
 RT: 30.23 min Scan# 4620
 Delta R.T. 0.42 min
 Lab File: BG042564.D
 Acq: 29 Aug 2019 14:20

Instrument :
 BNA_G
 ClientSampleId :
 S301-J-3.0-3.5-081919

Tot Ion:276 Resp:11293215
 Ion Ratio Lower Upper
 276 100
 277 32.7 19.8 29.8#
 138 16.3 11.4 17.0

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