

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
 Data File : BM022602.D
 Acq On : 09 Sep 2019 14:14
 Operator : HP/JU
 Sample : K4706-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF575

Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:08:58 PM

Quant Time: Sep 11 16:04:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 09 07:45:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	308860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1323536	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.49	164	868221	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	1754474	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1831755	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1998138	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	35960	4.85	ng/uL	0.00
5) Phenol-d5	7.01	99	231431	8.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	526822	32.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	611442	27.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	407153	17.58	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	373907	39.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	359898	40.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	713485	31.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	333575m	11.29	ng/ul	0.04
44) Dimethylphthalate-d6	13.90	166	2355827	33.48	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	2704415	32.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	119562	9.95	ng/ul	0.00
58) Fluorene-d10	15.47	176	2008880	34.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	328012	41.13	ng/ul	0.00
71) Anthracene-d10	17.32	188	3121889	34.74	ng/ul	0.00
79) Pyrene-d10	19.61	212	3616502	35.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	3847860	35.83	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.04	94	42284	1.420	ng/ul	96
14) Acetophenone	8.67	105	117092	3.240	ng/ul#	57
16) 4-Methylphenol	8.61	108	123182	4.910	ng/ul	92
28) Naphthalene	10.70	128	45941095m	626.068	ng/ul	
34) 2-Methylnaphthalene	12.33	142	20745141	375.244	ng/ul	98
41) 1,1'-Biphenyl	13.32	154	4372764	60.482	ng/ul	99
45) Dimethylphthalate	13.94	163	107199	1.501	ng/ul	99
48) Acenaphthylene	14.21	152	518192	5.930	ng/ul#	96
50) Acenaphthene	14.56	153	7279855	120.234	ng/ul	98
54) Dibenzofuran	14.89	168	8169634	97.223	ng/ul	97
59) Fluorene	15.53	166	4835848	69.951	ng/ul	100
61) 4-Nitroaniline	15.53	138	61093	4.252	ng/ul#	25
70) Phenanthrene	17.27	178	7088098	65.981	ng/ul	98
72) Anthracene	17.36	178	522162	4.732	ng/ul	99
75) Carbazole	17.62	167	2349319	23.687	ng/ul	99
77) Fluoranthene	19.27	202	2352301	19.295	ng/ul	98
80) Pyrene	19.64	202	1446966	10.915	ng/ul	99
83) Benzo(a)anthracene	21.38	228	280641	2.065	ng/ul	97
85) Chrysene	21.43	228	180187m	1.441	ng/ul	
88) Benzo(b)fluoranthene	22.99	252	195287	1.486	ng/ul#	97

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

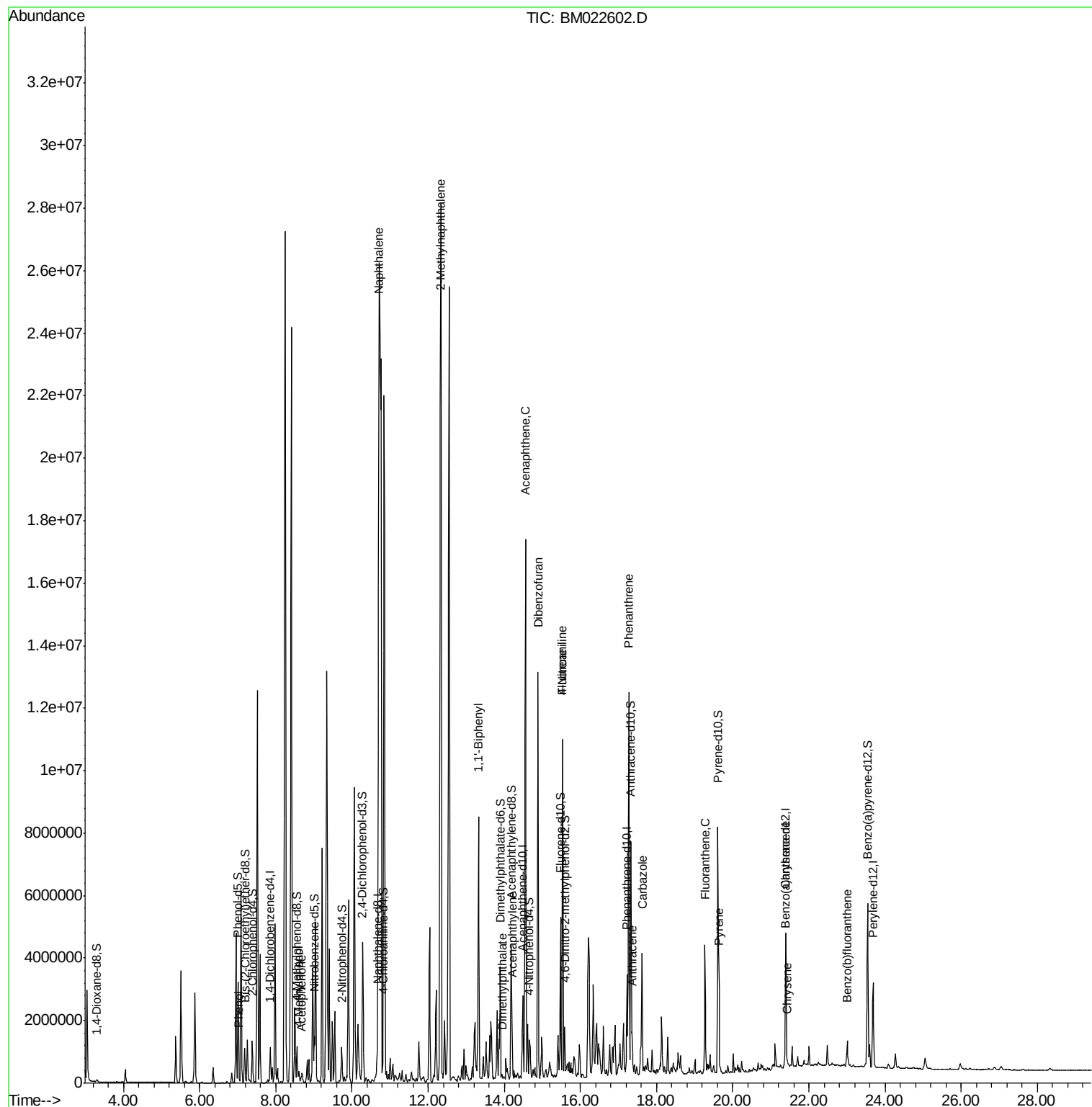
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022602.D
Acq On : 09 Sep 2019 14:14
Operator : HP/JU
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Misc :
ALS Vial : 31 Sample Multiplier: 1

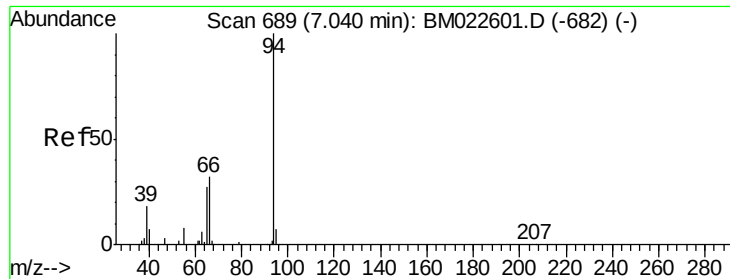
Instrument :
BNA_M
ClientSampleId :
BF575

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Quant Time: Sep 11 16:04:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.420 ng/ul

RT: 7.04 min Scan# 689

Delta R.T. -0.00 min

Lab File: BM022602.D

Acq: 09 Sep 2019 14:14

Instrument :

BNA_M

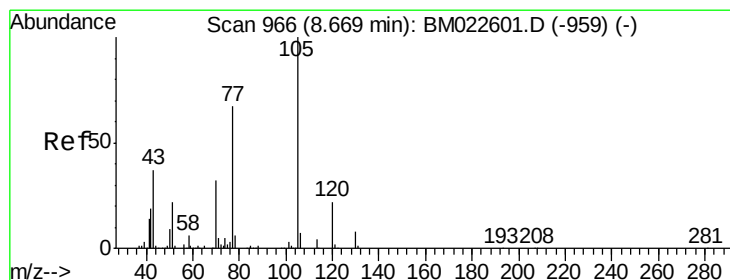
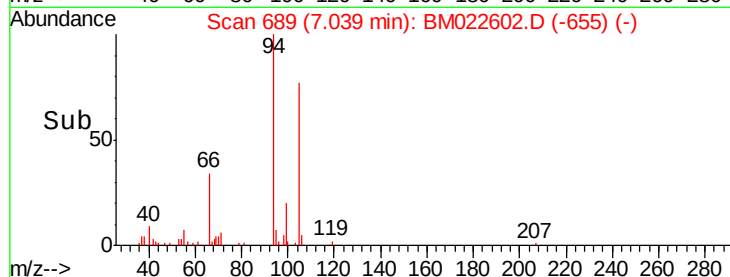
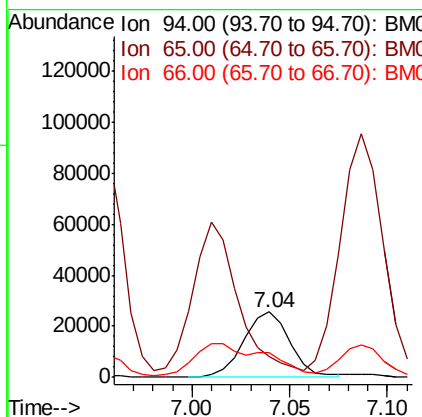
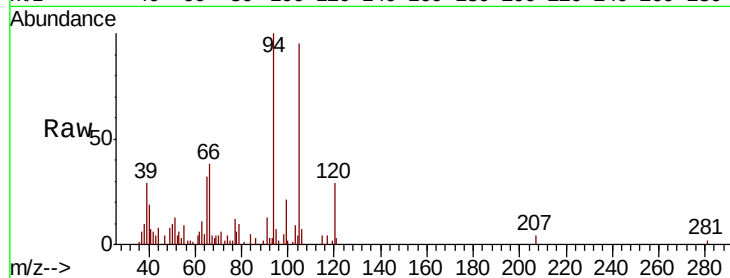
ClientSampleId :

BF575

Tot Ion:	94	Resp:	42284
Ion	Ratio	Lower	Upper
94	100		
65	31.6	22.8	34.2
66	37.5	29.1	43.7

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#14

Acetophenone

Concen: 3.240 ng/ul

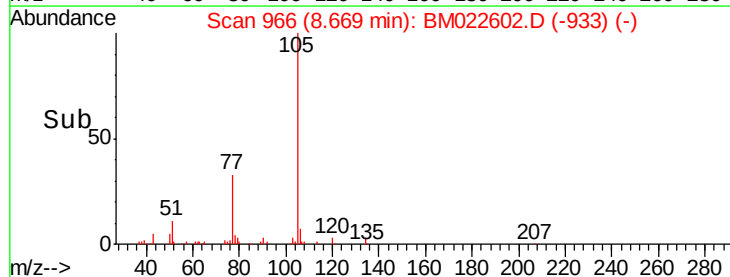
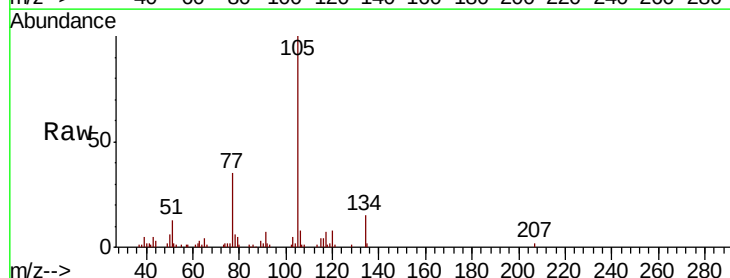
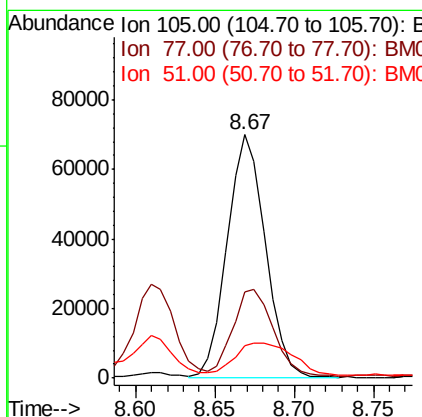
RT: 8.67 min Scan# 966

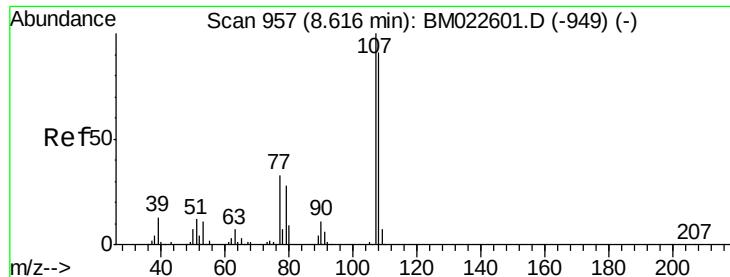
Delta R.T. -0.01 min

Lab File: BM022602.D

Acq: 09 Sep 2019 14:14

Tgt Ion:	105	Resp:	117092
Ion	Ratio	Lower	Upper
105	100		
77	35.3	62.1	93.1#
51	13.1	21.8	32.6#





#16

4-Methylphenol

Concen: 4.910 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM022602.D

Acq: 09 Sep 2019 14:14

Instrument :

BNA_M

ClientSampleId :

BF575

Tot Ion:108 Resp: 123182

Ion Ratio Lower Upper

108 100

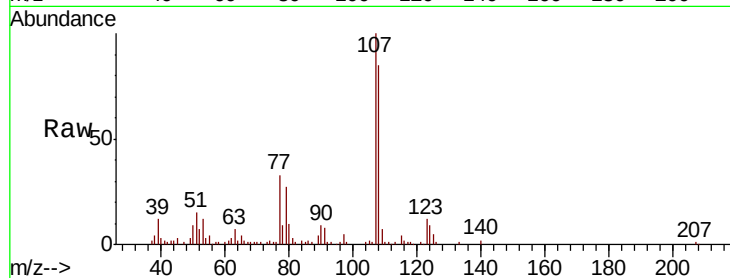
107 117.4 87.2 130.8

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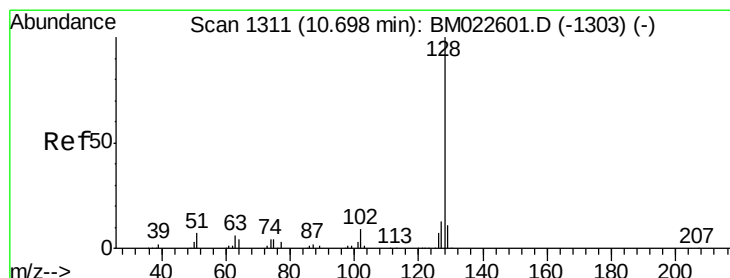
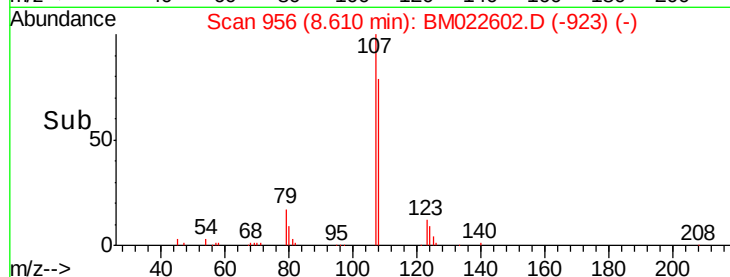
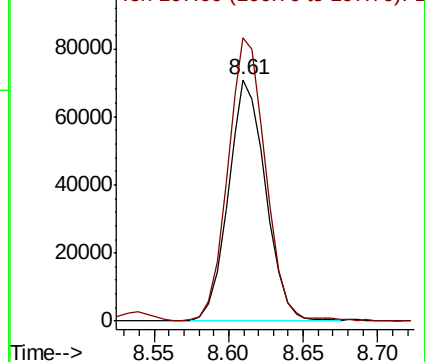
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#28

Naphthalene

Concen: 626.068 ng/ul m

RT: 10.70 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BM022602.D

Acq: 09 Sep 2019 14:14

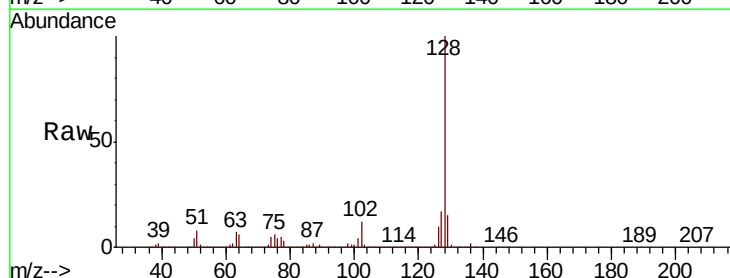
Tgt Ion:128 Resp:45941095

Ion Ratio Lower Upper

128 100

129 15.0 8.9 13.3#

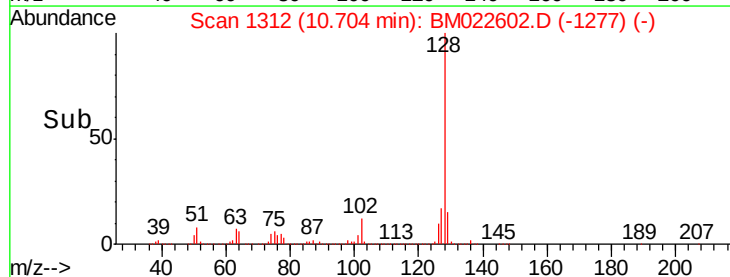
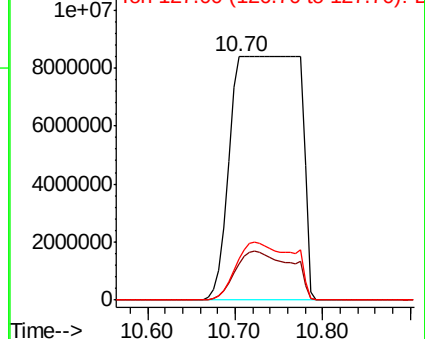
127 17.1 10.6 16.0#

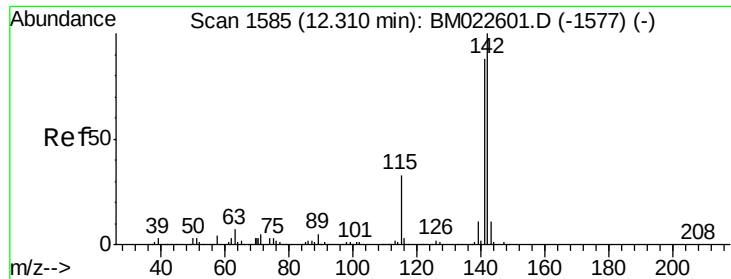


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





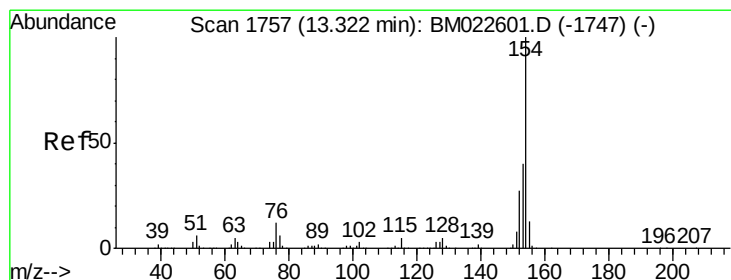
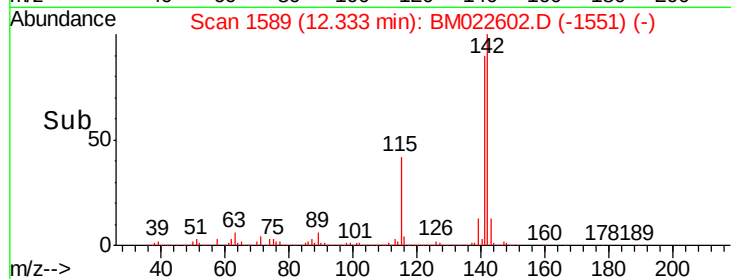
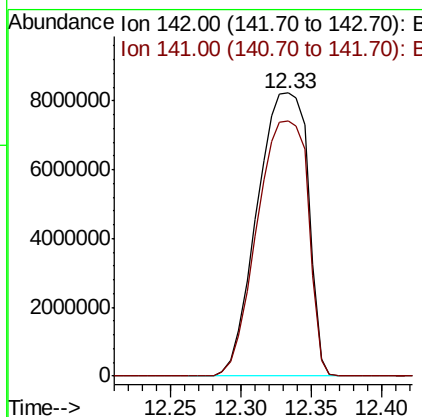
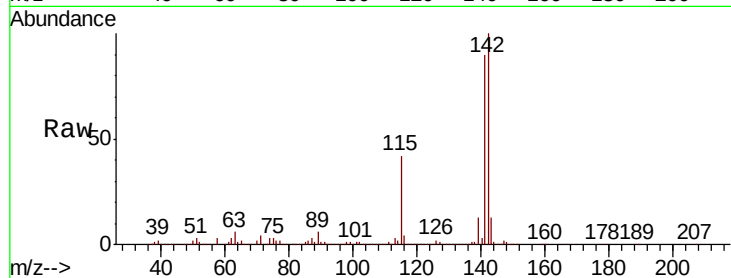
#34
 2-Methylnaphthalene
 Concen: 375.244 ng/ul
 RT: 12.33 min Scan# 1589
 Delta R.T. 0.02 min
 Lab File: BM022602.D
 Acq: 09 Sep 2019 14:14

Instrument :
 BNA_M
 ClientSampleId :
 BF575

Tot Ion:142 Resp:20745141
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.0 106.4

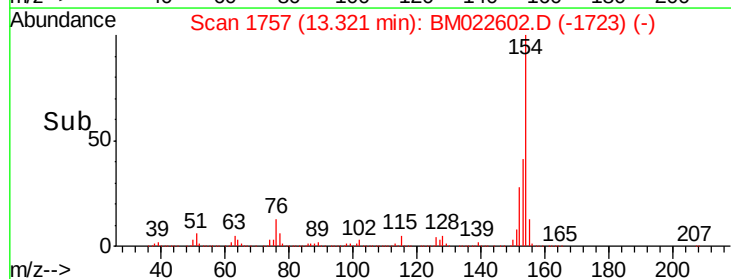
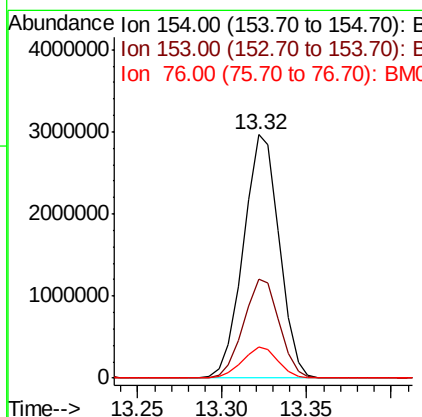
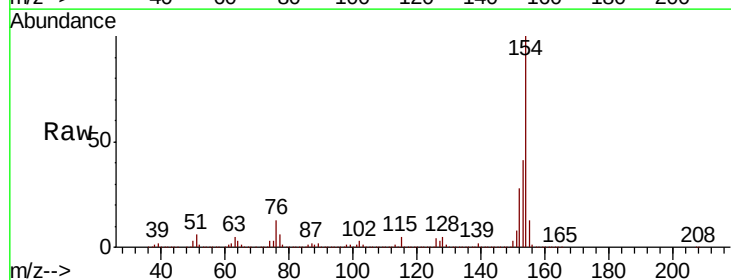
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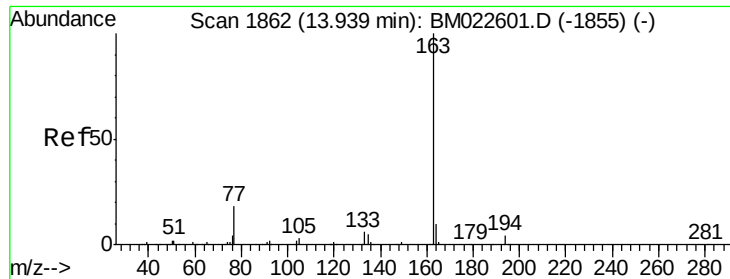
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#41
 1,1'-Biphenyl
 Concen: 60.482 ng/ul
 RT: 13.32 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BM022602.D
 Acq: 09 Sep 2019 14:14

Tgt Ion:154 Resp: 4372764
 Ion Ratio Lower Upper
 154 100
 153 40.8 32.1 48.1
 76 12.8 10.2 15.2





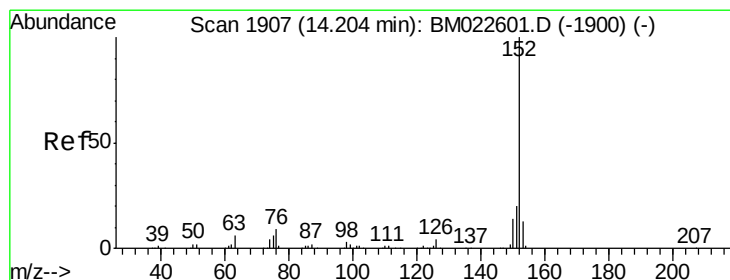
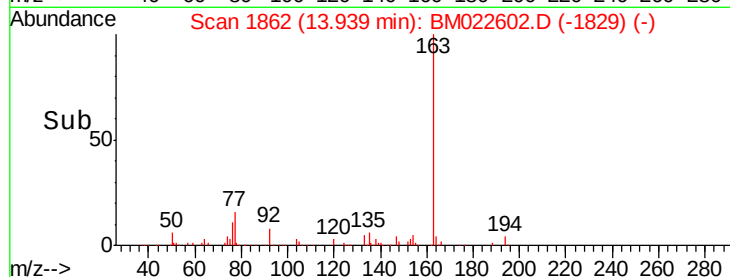
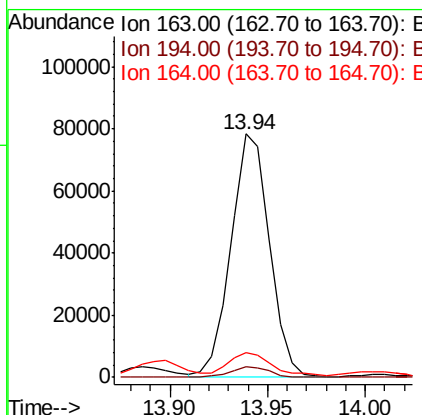
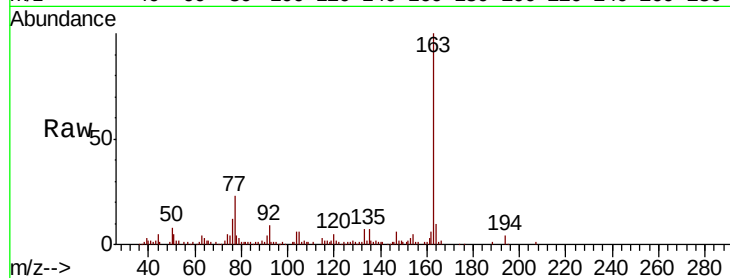
#45
Dimethylphthalate
Concen: 1.501 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampled :
BF575

Tot Ion:	163	Resp:	107199
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.2	4.8
164	10.3	7.8	11.8

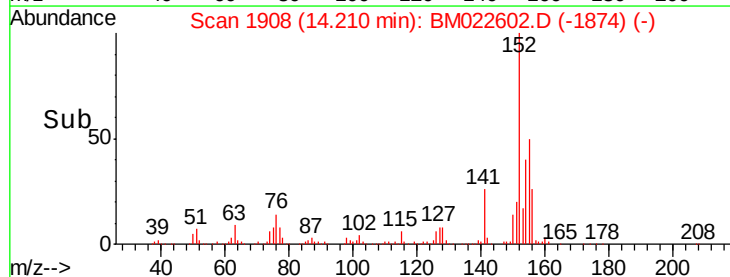
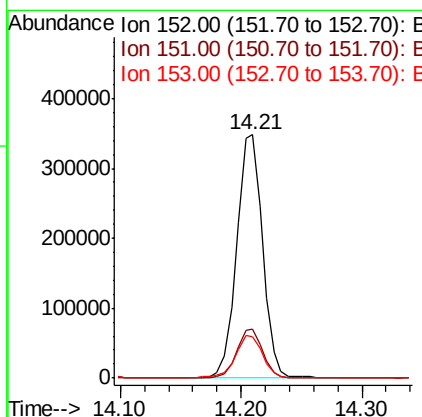
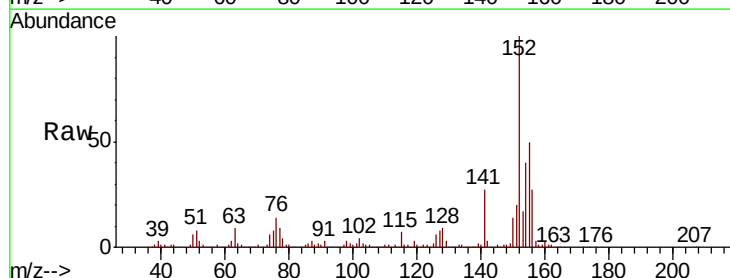
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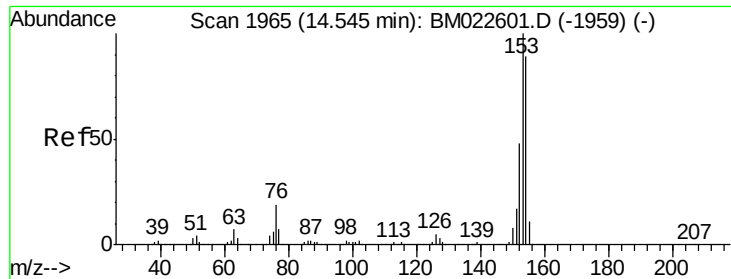
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#48
Acenaphthylene
Concen: 5.930 ng/ul
RT: 14.21 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion:	152	Resp:	518192
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.8
153	16.9	10.4	15.6#





#50

Acenaphthene

Concen: 120.234 ng/ul

RT: 14.56 min Scan# 1967

Delta R.T. 0.01 min

Lab File: BM022602.D

Acq: 09 Sep 2019 14:14

Instrument :

BNA_M

ClientSampleId :

BF575

Tot Ion:153 Resp: 7279855

Ion Ratio Lower Upper

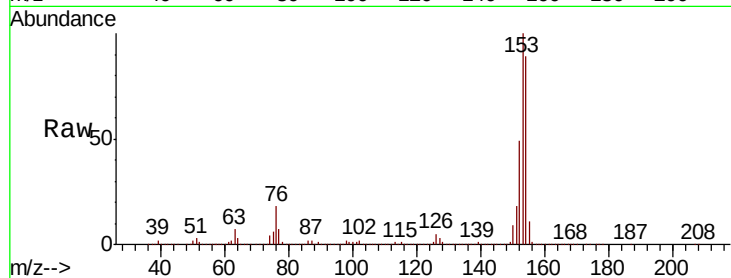
153 100

152 49.4 37.5 56.3

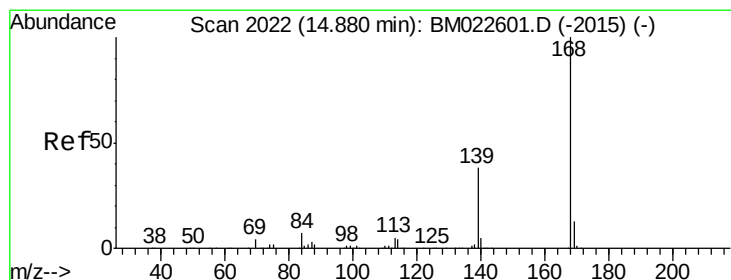
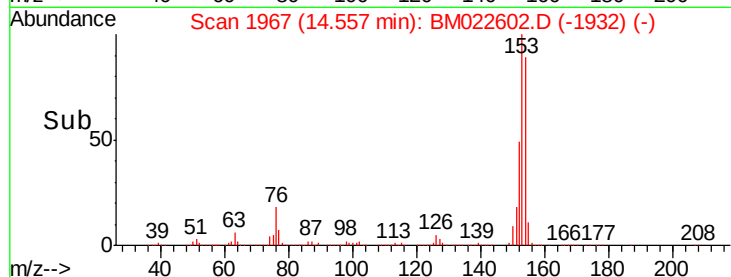
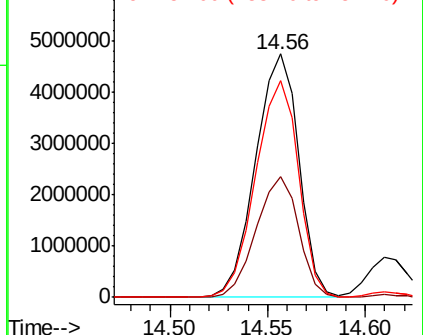
154 88.8 71.4 107.0

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 97.223 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BM022602.D

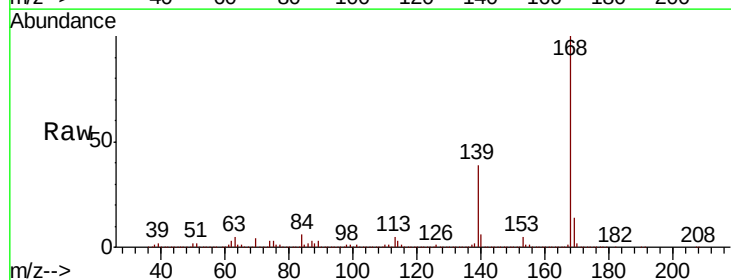
Acq: 09 Sep 2019 14:14

Tgt Ion:168 Resp: 8169634

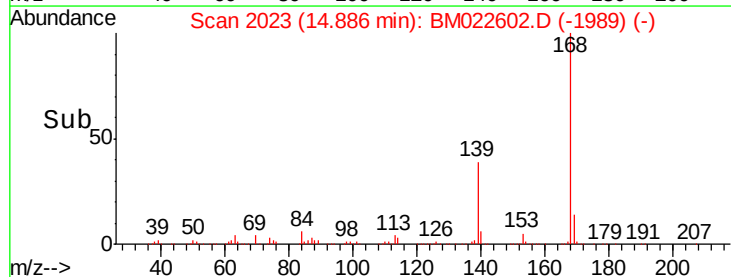
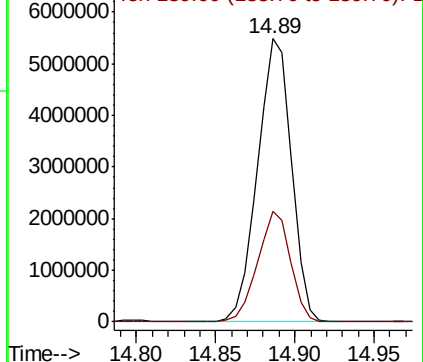
Ion Ratio Lower Upper

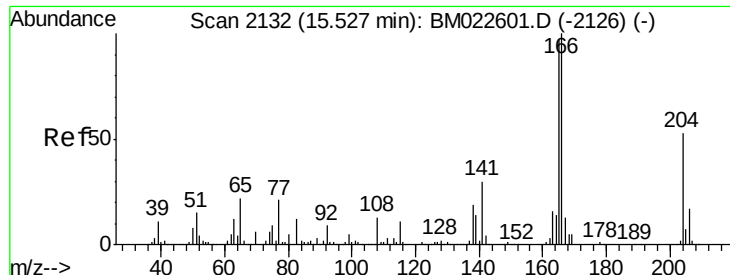
168 100

139 38.9 29.5 44.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 69.951 ng/ul

RT: 15.53 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BM022602.D

Acq: 09 Sep 2019 14:14

Instrument :

BNA_M

ClientSampleId :

BF575

Tot Ion:166 Resp: 4835848

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.8

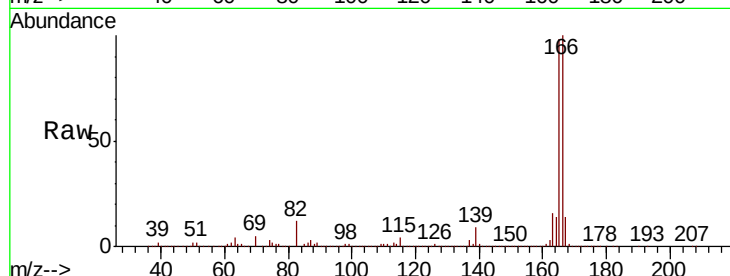
167 13.7 10.9 16.3

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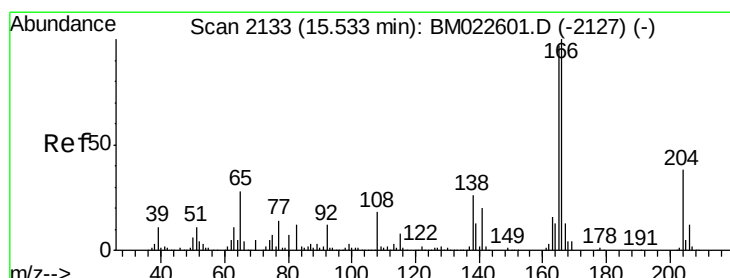
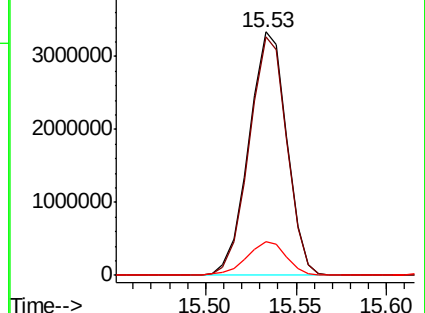
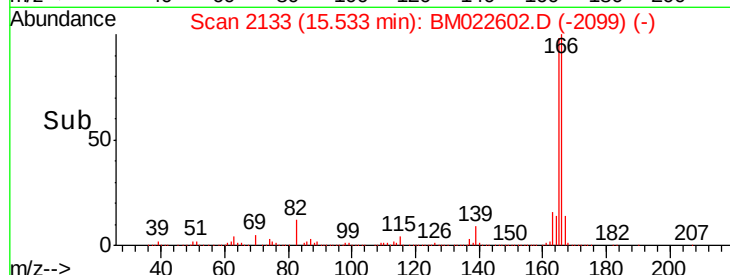
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 4.252 ng/ul

RT: 15.53 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM022602.D

Acq: 09 Sep 2019 14:14

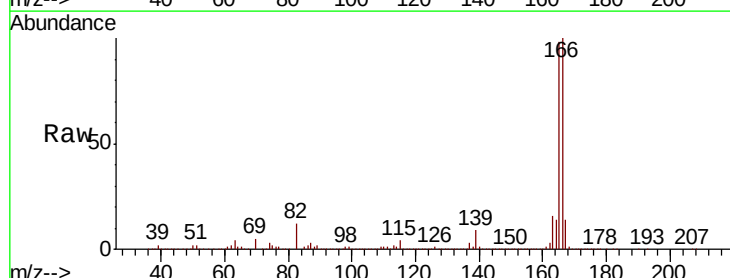
Tgt Ion:138 Resp: 61093

Ion Ratio Lower Upper

138 100

92 4.4 40.3 60.5#

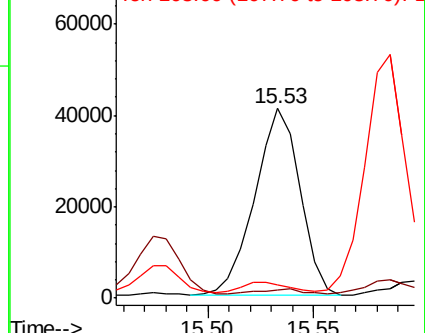
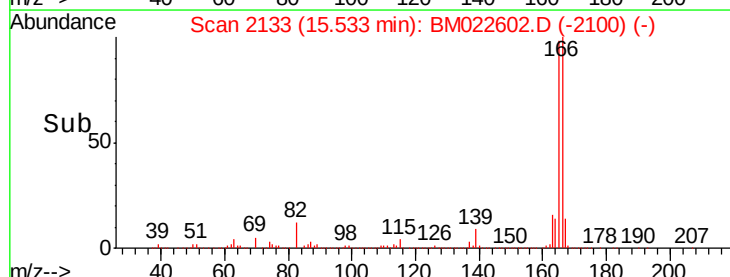
108 7.1 62.2 93.2#

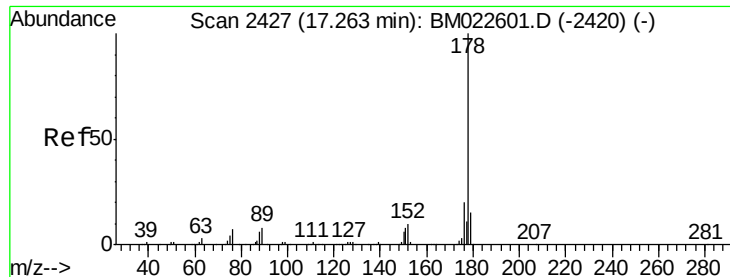


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#70

Phenanthrene

Concen: 65.981 ng/ul

RT: 17.27 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BM022602.D

Acq: 09 Sep 2019 14:14

Instrument :

BNA_M

ClientSampleId :

BF575

Tot Ion:178 Resp: 7088098

Ion Ratio Lower Upper

178 100

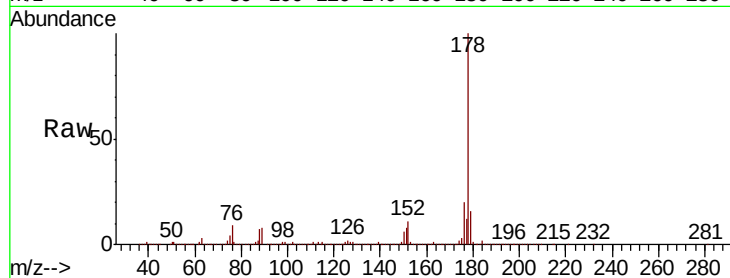
179 16.0 12.0 18.0

176 20.2 15.4 23.0

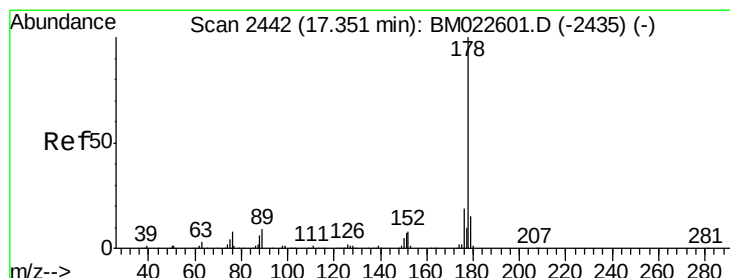
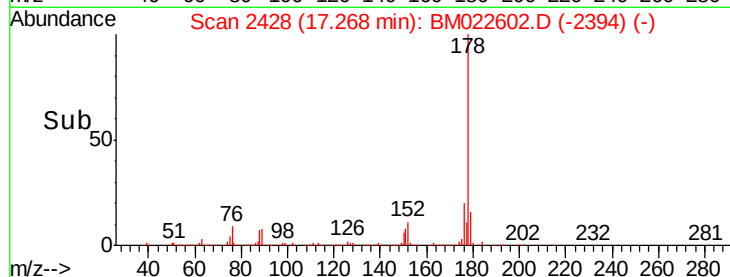
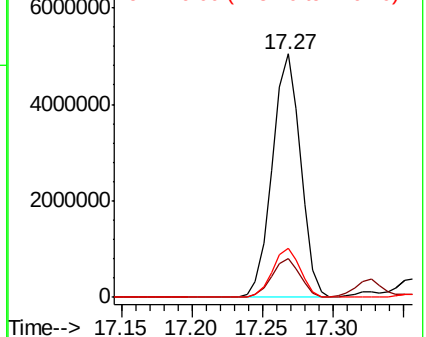
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 4.732 ng/ul

RT: 17.36 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BM022602.D

Acq: 09 Sep 2019 14:14

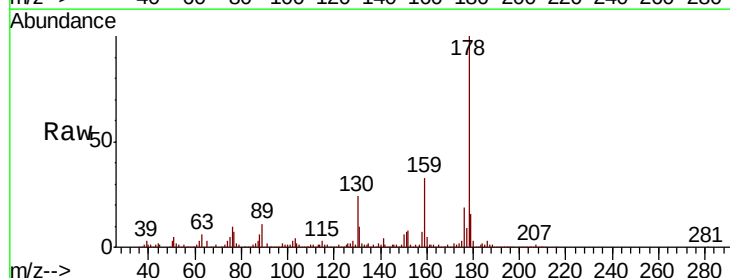
Tgt Ion:178 Resp: 522162

Ion Ratio Lower Upper

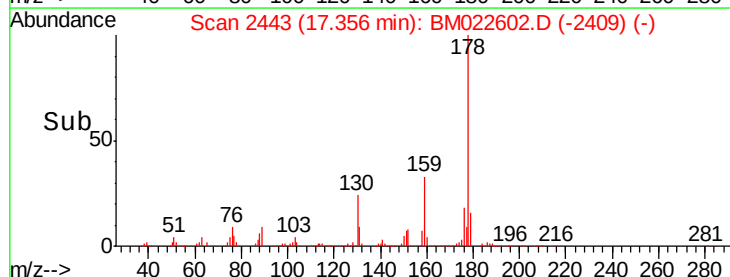
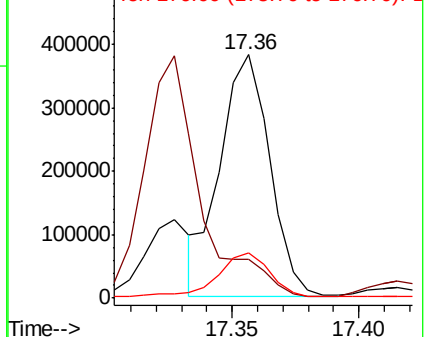
178 100

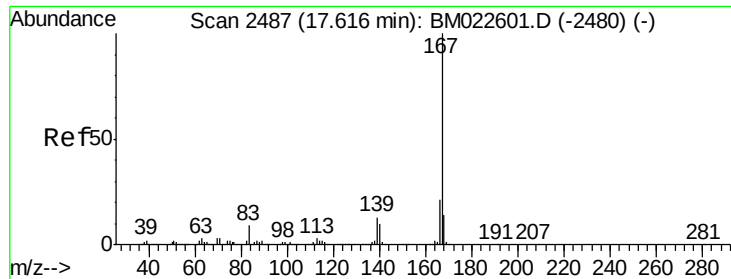
179 16.0 12.3 18.5

176 18.6 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





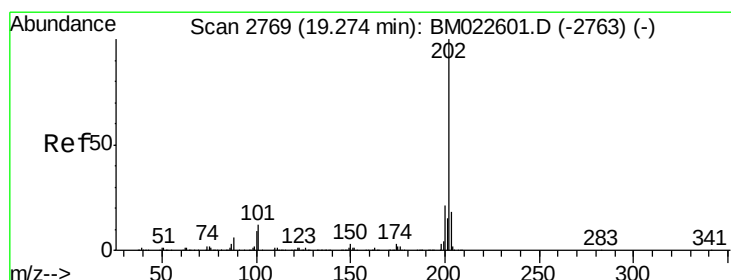
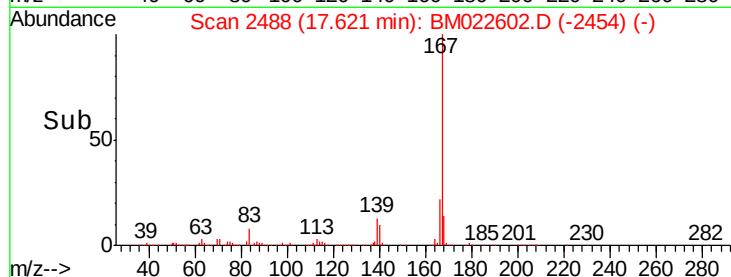
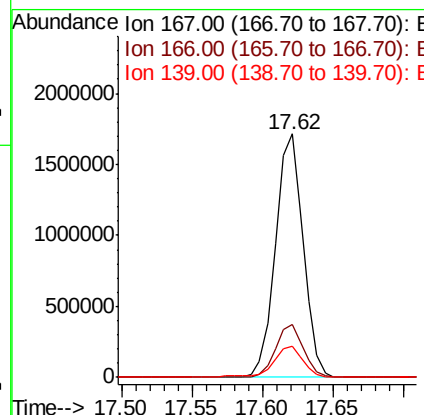
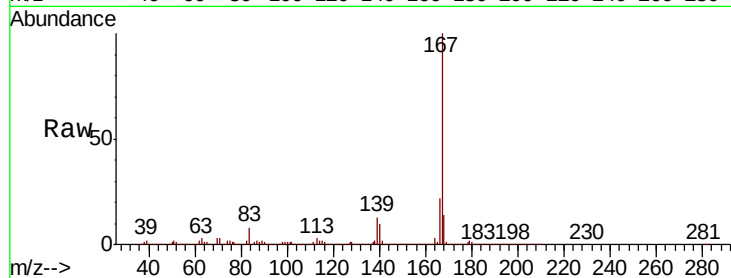
#75
 Carbazole
 Concen: 23.687 ng/ul
 RT: 17.62 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BM022602.D
 Acq: 09 Sep 2019 14:14

Instrument :
 BNA_M
 ClientSampleId :
 BF575

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	12.8	10.6	15.8

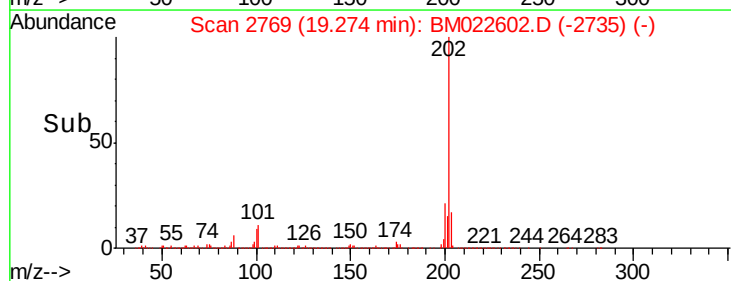
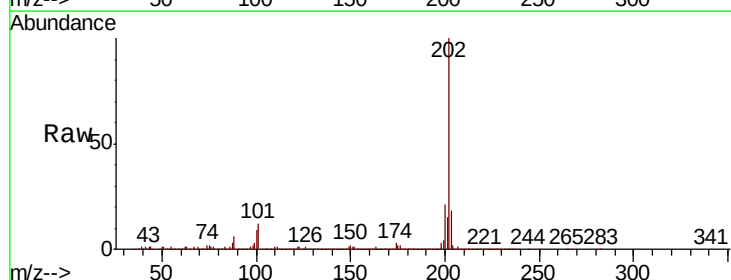
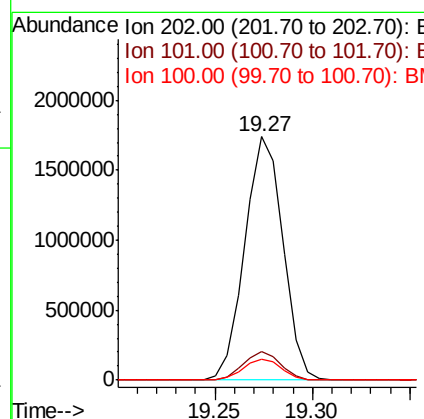
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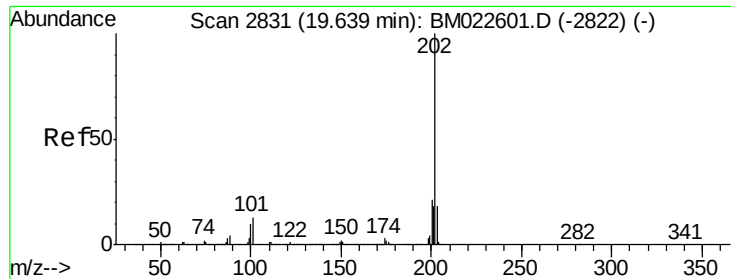
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#77
 Fluoranthene
 Concen: 19.295 ng/ul
 RT: 19.27 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BM022602.D
 Acq: 09 Sep 2019 14:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.8	13.2
100	8.7	6.3	9.5





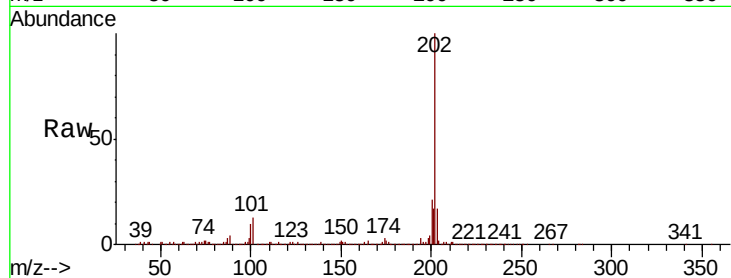
#80
Pvrene
Concen: 10.915 ng/ul
RT: 19.64 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampleId :
BF575

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	16.0
100	10.5	8.6	13.0

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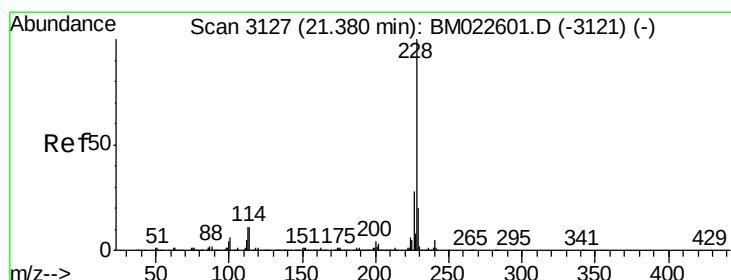
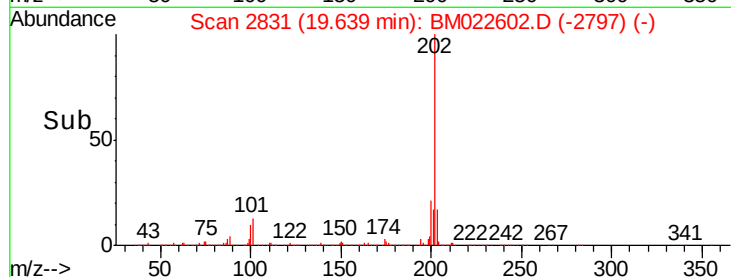
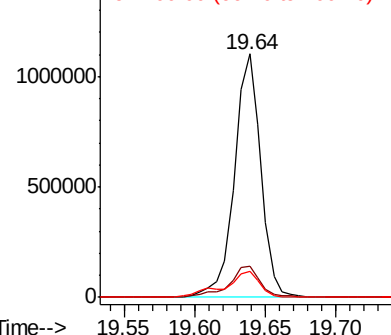


Abundance

Ion 202.00 (201.70 to 202.70): E

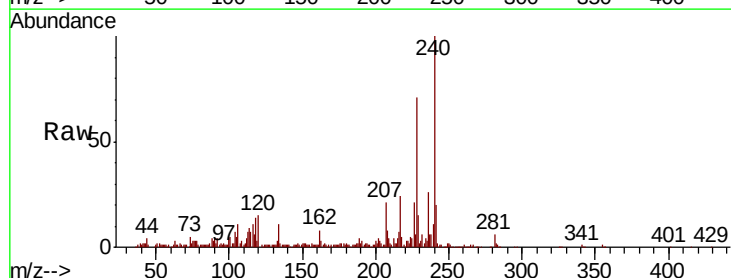
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83
Benzo(a)anthracene
Concen: 2.065 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	29.0	22.2	33.2

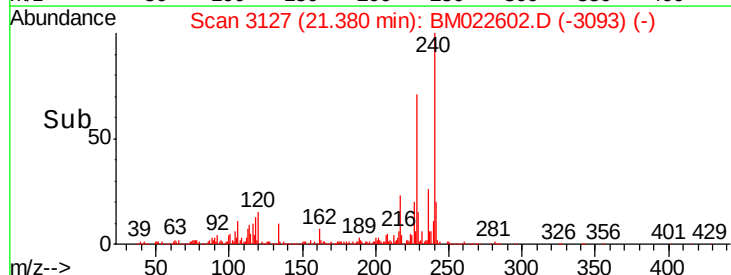
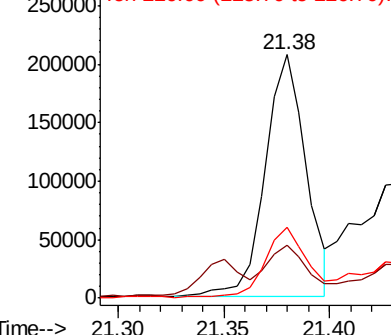


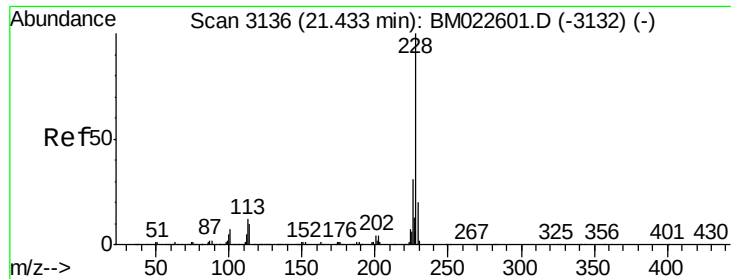
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





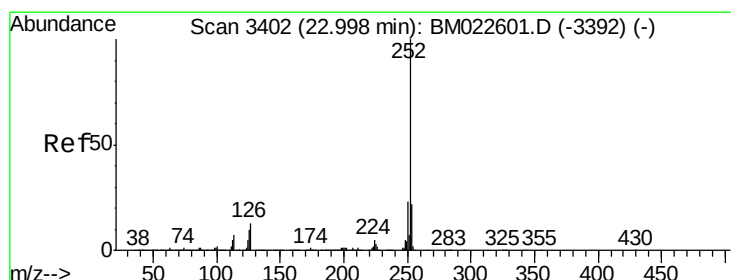
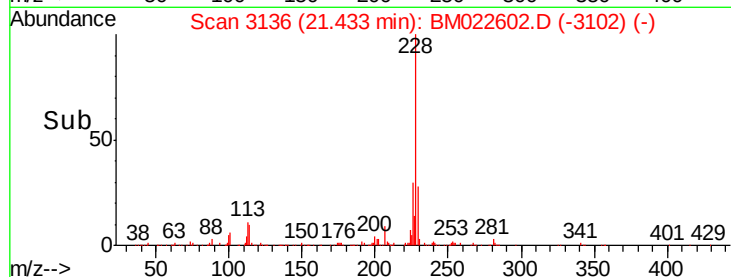
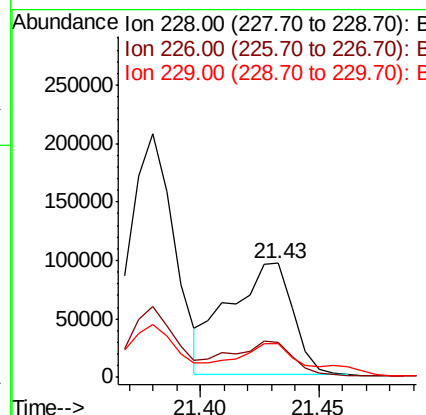
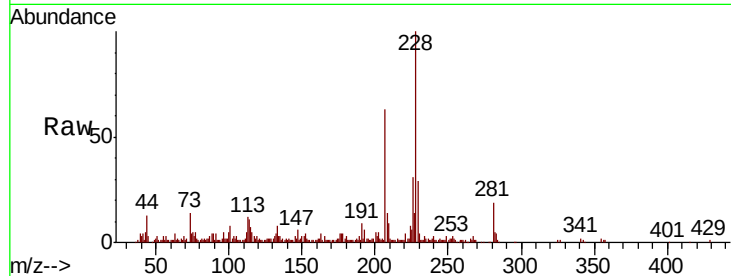
#85
Chrysene
Concen: 1.441 ng/ul m
RT: 21.43 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Instrument :
BNA_M
ClientSampled :
BF575

Tot Ion	Ratio	Resp	Lower	Upper
228	100	180187		
226	31.2	24.2	36.4	
229	29.1	15.8	23.6	

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#88
Benzo(b)fluoranthene
Concen: 1.486 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. -0.00 min
Lab File: BM022602.D
Acq: 09 Sep 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	195287		
253	22.7	17.8	26.6	
125	12.9	8.0	12.0	

