

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062219\
 Data File : BM021093.D
 Acq On : 22 Jun 2019 10:10
 Operator : HP/JU
 Sample : K3309-03DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 KY032MW006-190610DL

Manual Integrations
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Quant Time: Jun 27 08:46:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	317400	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1338390	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	866383	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1990868	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1628274	20.00	ng	0.00
87) Perylene-d12	23.62	264	1654213	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	220466	12.58	ng	0.00
7) Phenol-d6	6.95	99	213674	8.37	ng	0.00
23) Nitrobenzene-d5	8.95	82	401593	15.64	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	374969	23.06	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	1162428	16.49	ng	0.00
79) Terphenyl-d14	19.79	244	1390527	15.95	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	5839773	884.271	ng	97
4) n-Nitrosodimethylamine	3.62	42	372683	50.966	ng	# 1
10) Phenol	6.98	94	936246	35.902	ng	99
11) bis(2-Chloroethyl)ether	7.21	93	1490021	72.168	ng	98
13) 1,4-Dichlorobenzene	7.81	146	274755	10.340	ng	99
14) 1,2-Dichlorobenzene	8.13	146	1305808	50.143	ng	99
17) 2-Methylphenol	8.23	107	1291920	69.355	ng	100
20) 3+4-Methylphenols	8.57	107	8627969	336.496	ng	99
22) Acetophenone	8.61	105	115199	3.378	ng	# 84
27) 2,4-Dimethylphenol	9.79	122	3708702m	204.135	ng	
31) Naphthalene	10.62	128	504294	7.120	ng	99

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

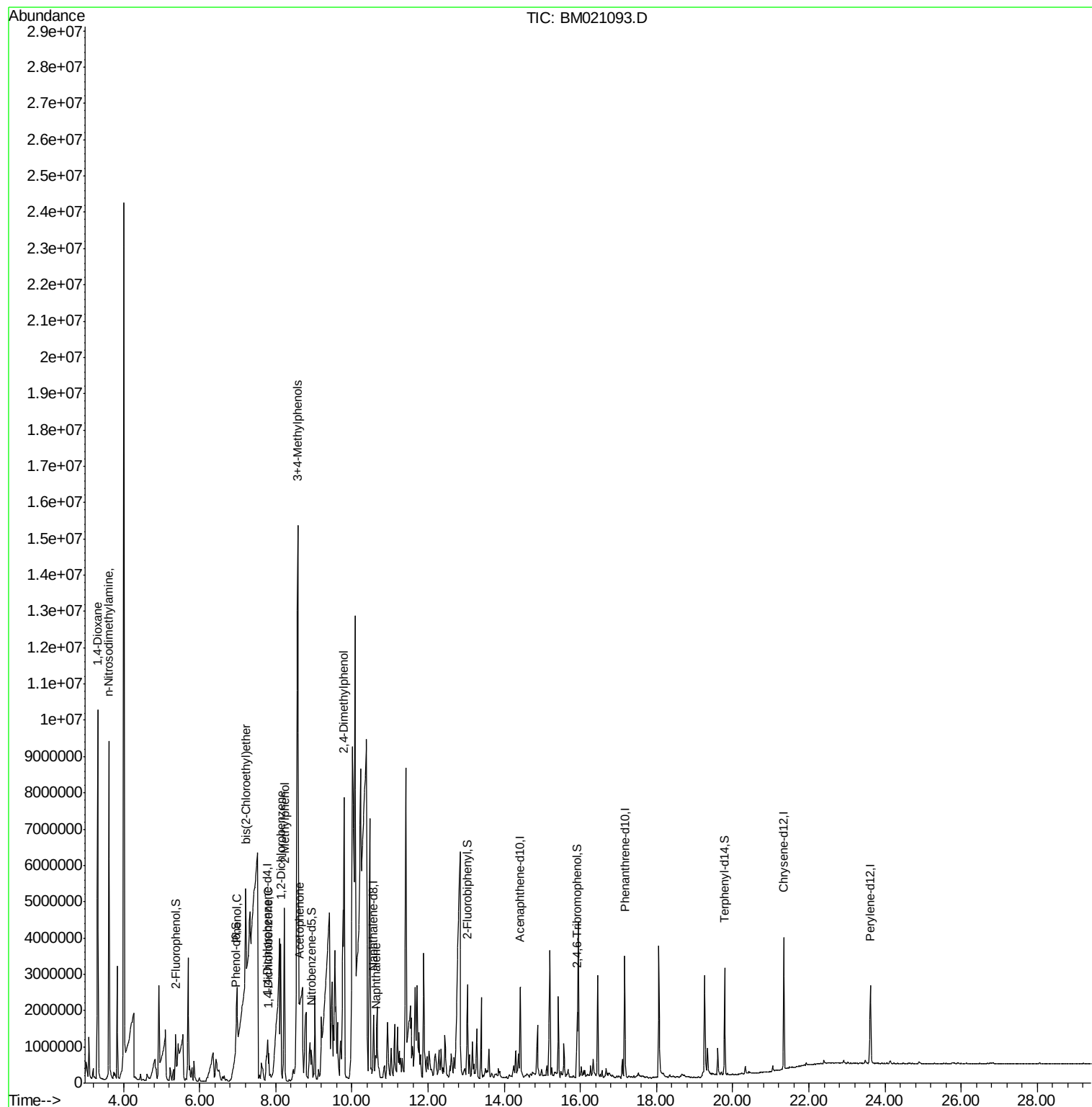
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062219\
Data File : BM021093.D
Acq On : 22 Jun 2019 10:10
Operator : HP/JU
Sample : K3309-03DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

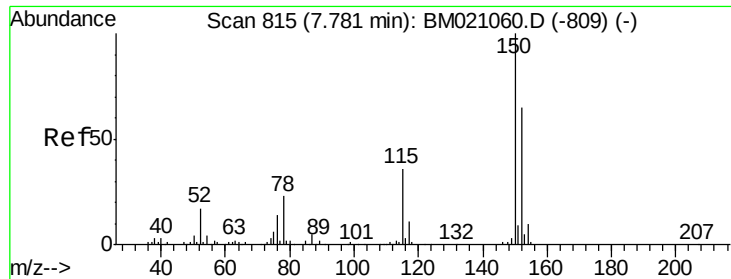
Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610DL

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Quant Time: Jun 27 08:46:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM062019.M
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Response via : Initial Calibration





#1

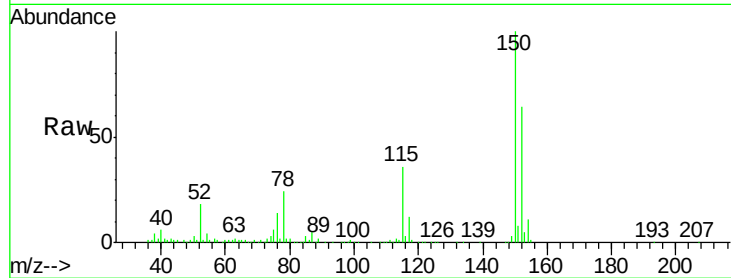
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610DL

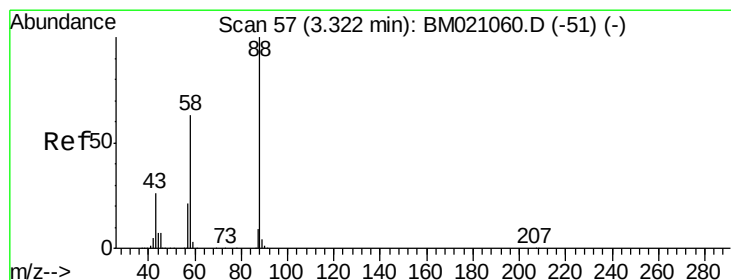
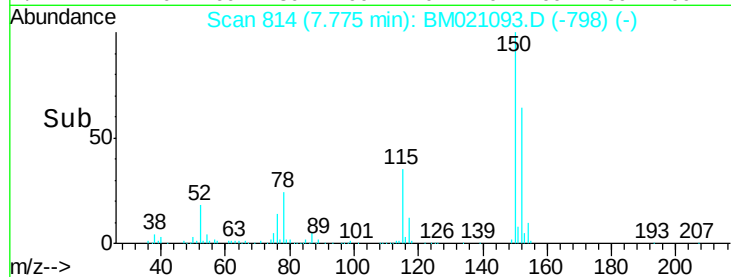
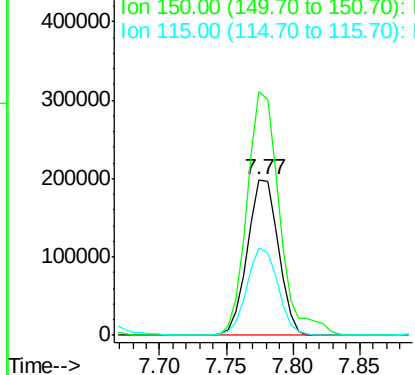
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.1	184.7
115	56.3	44.2	66.4

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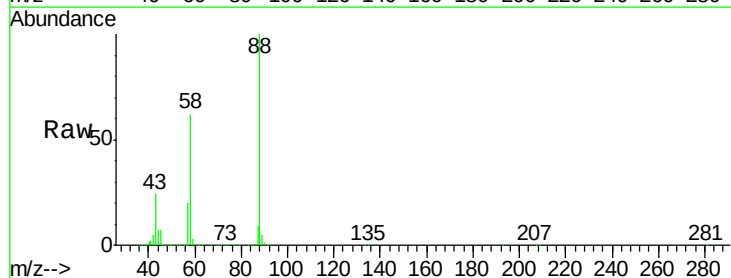
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



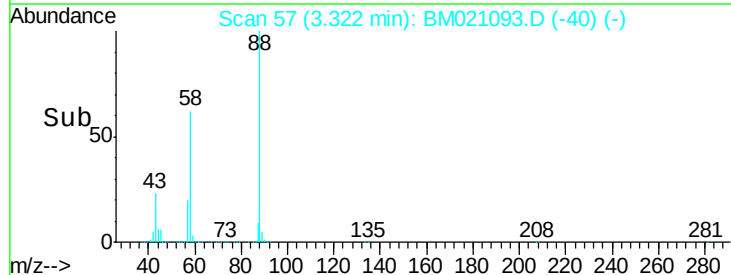
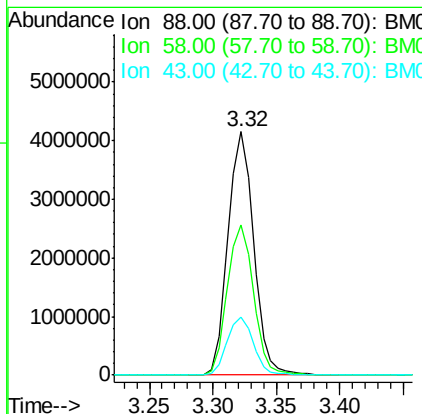
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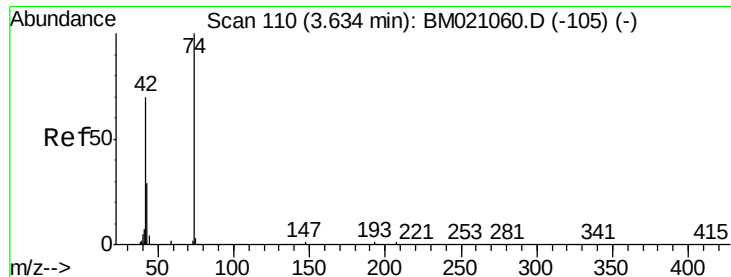
1,4-Dioxane
Concen: 884.271 ng
RT: 3.32 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	51.9	77.9
43	24.3	21.4	32.2



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#4

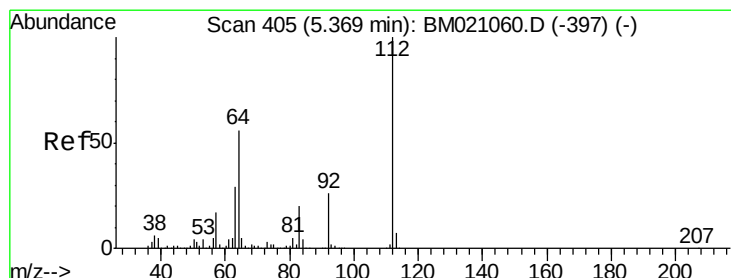
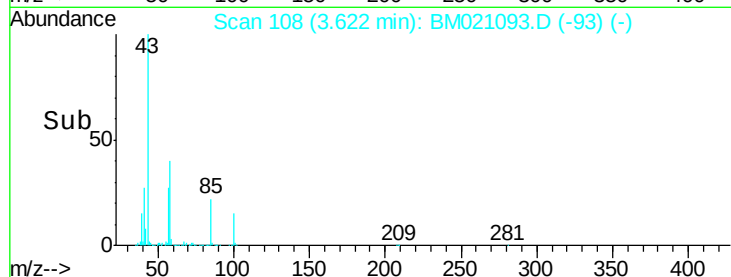
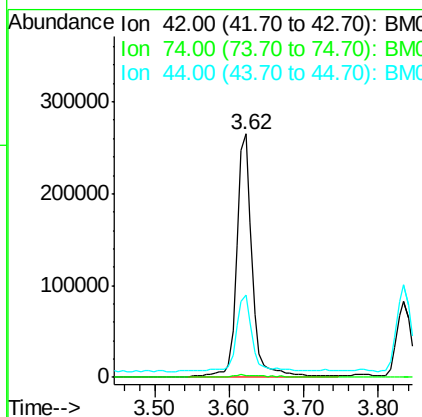
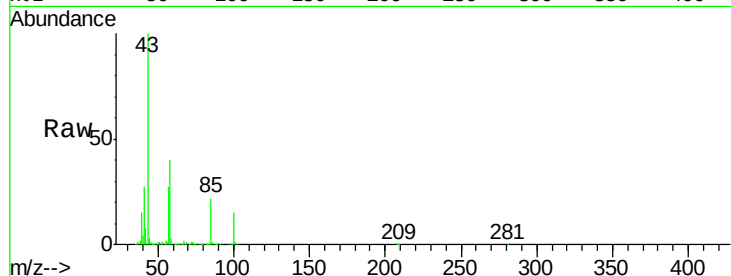
n-Nitrosodimethylamine
 Concen: 50.966 ng
 RT: 3.62 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BM021093.D
 Acq: 22 Jun 2019 10:10

Instrument :
 BNA_M
 ClientSampleID :
 KY032MW006-190610DL

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.9	113.8	170.6#
44	33.7	8.2	12.2#

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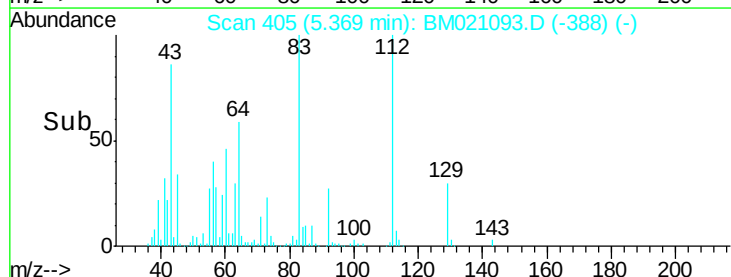
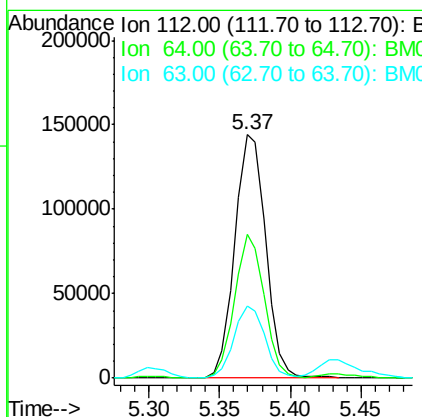
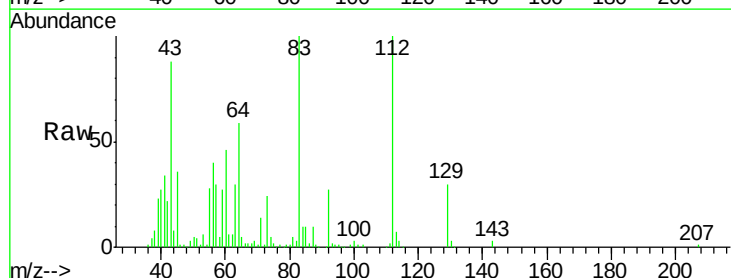
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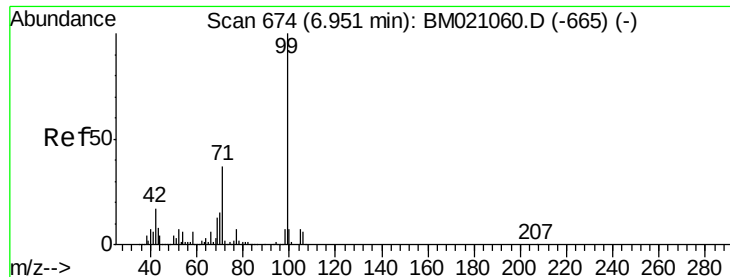


#5

2-Fluorophenol
 Concen: 12.577 ng
 RT: 5.37 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BM021093.D
 Acq: 22 Jun 2019 10:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.2	67.8
63	29.7	23.5	35.3





#7

Phenol-d6

Concen: 8.371 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM021093.D

Acq: 22 Jun 2019 10:10

Instrument :

BNA_M

ClientSampleID :

KY032MW006-190610DL

Tgt Ion: 99 Resp: 213674

Ion Ratio Lower Upper

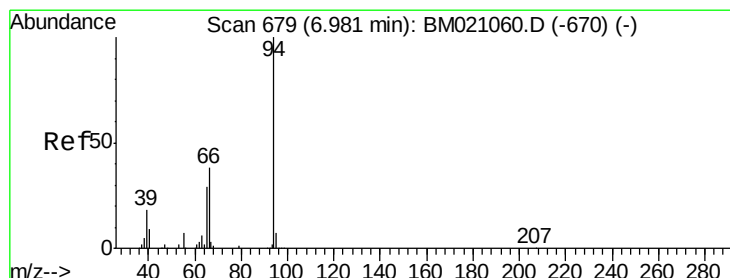
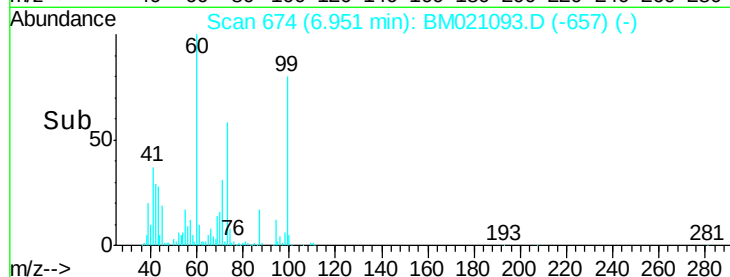
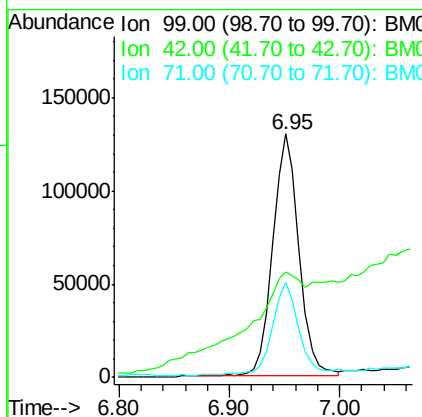
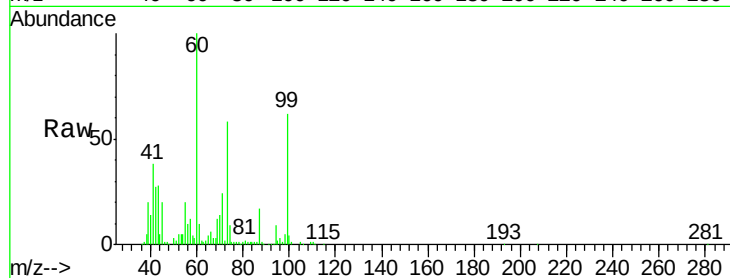
99 100

42 43.4 13.5 20.3#

71 38.9 29.3 43.9

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#10

Phenol

Concen: 35.902 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM021093.D

Acq: 22 Jun 2019 10:10

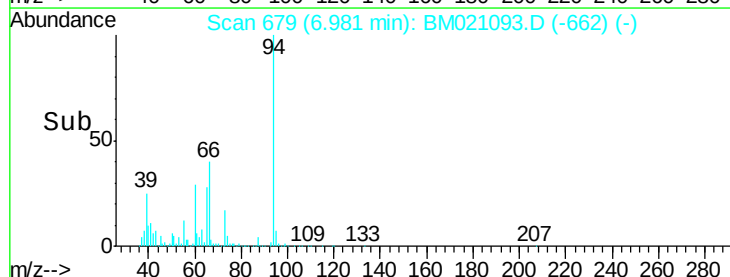
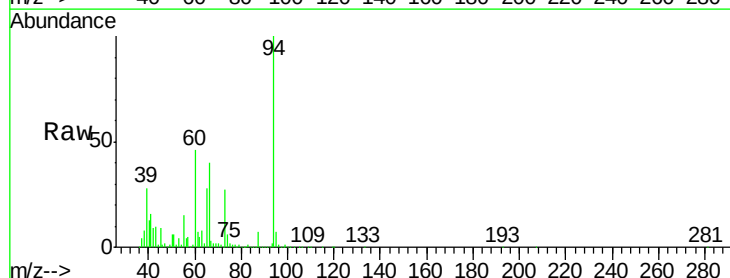
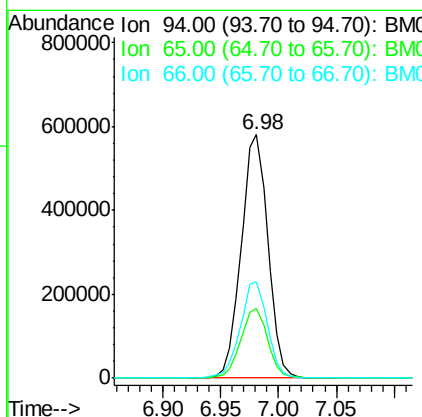
Tgt Ion: 94 Resp: 936246

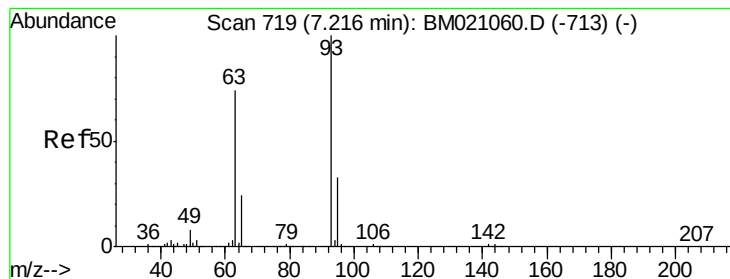
Ion Ratio Lower Upper

94 100

65 28.4 8.7 48.7

66 39.6 19.0 59.0





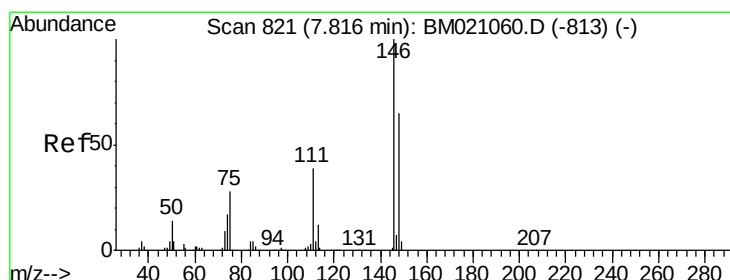
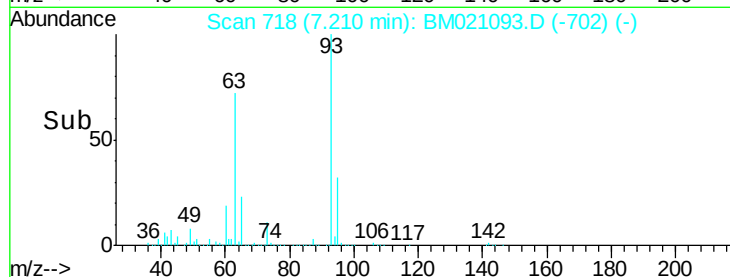
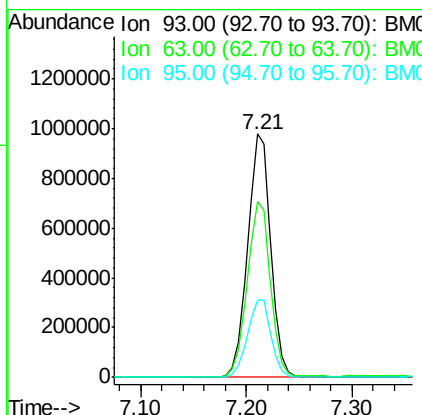
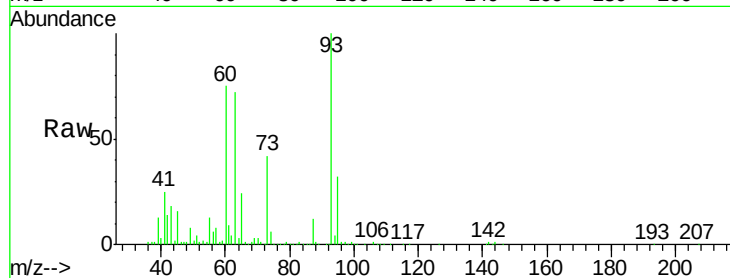
#11
bis(2-Chloroethyl)ether
Concen: 72.168 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610DL

Tgt Ion: 93 Resp: 1490021
Ion Ratio Lower Upper
93 100
63 72.2 53.4 93.4
95 31.9 13.0 53.0

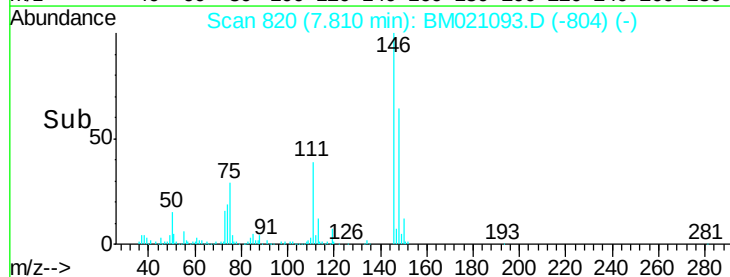
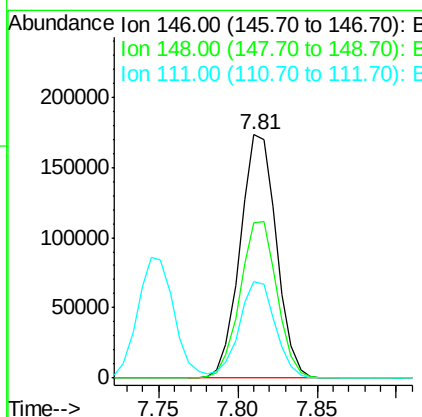
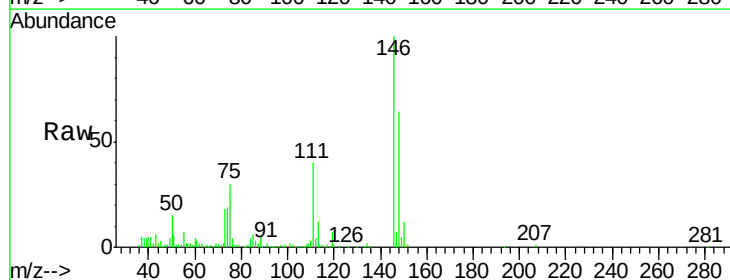
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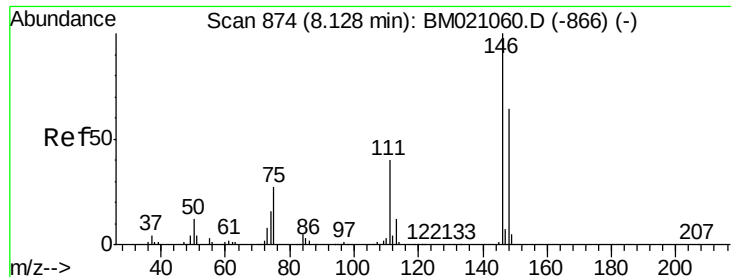
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#13
1,4-Dichlorobenzene
Concen: 10.340 ng
RT: 7.81 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Tgt Ion: 146 Resp: 274755
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
111 39.7 31.4 47.0





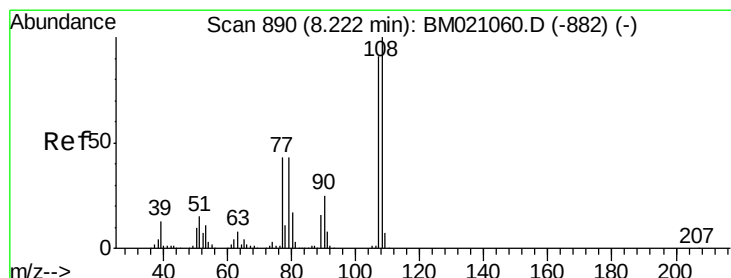
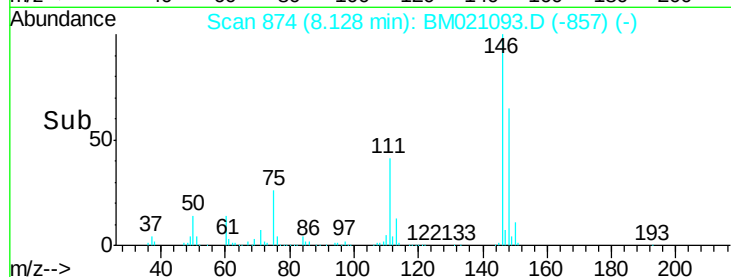
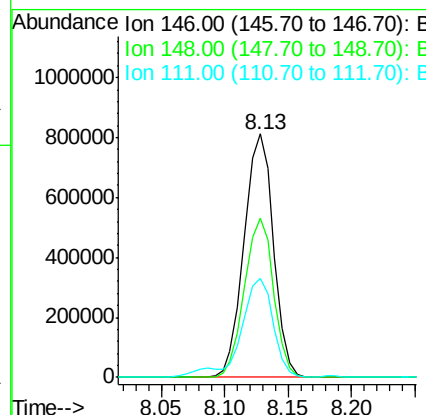
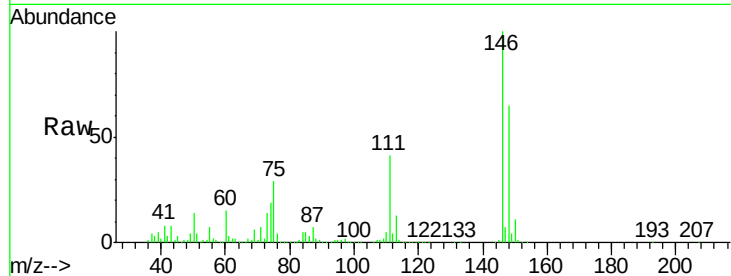
#14
1,2-Dichlorobenzene
Concen: 50.143 ng
RT: 8.13 min Scan# 874
Delta R.T. 0.00 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610DL

Tgt Ion:146 Resp: 1305808
Ion Ratio Lower Upper
146 100
148 65.2 51.2 76.8
111 40.7 32.8 49.2

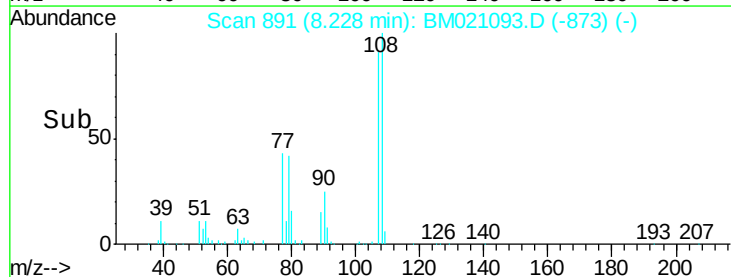
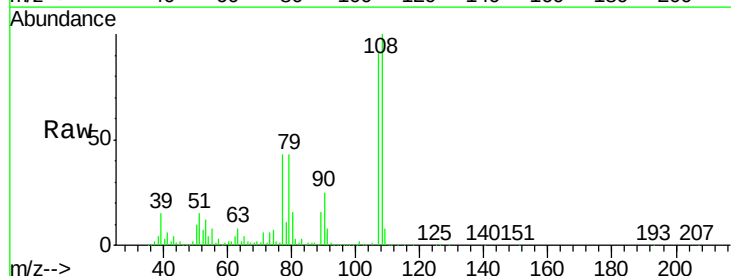
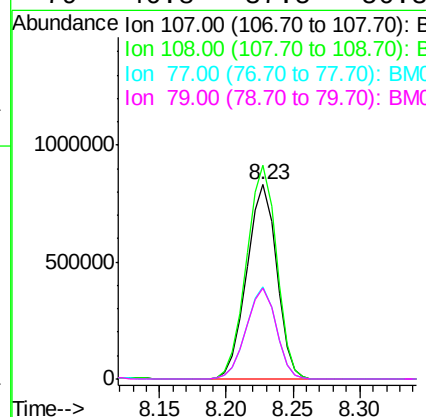
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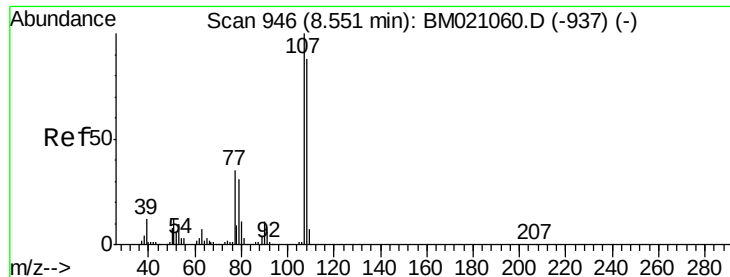
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#17
2-Methylphenol
Concen: 69.355 ng
RT: 8.23 min Scan# 891
Delta R.T. 0.01 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Tgt Ion:107 Resp: 1291920
Ion Ratio Lower Upper
107 100
108 110.0 87.5 131.3
77 47.5 37.8 56.8
79 46.8 37.5 56.3





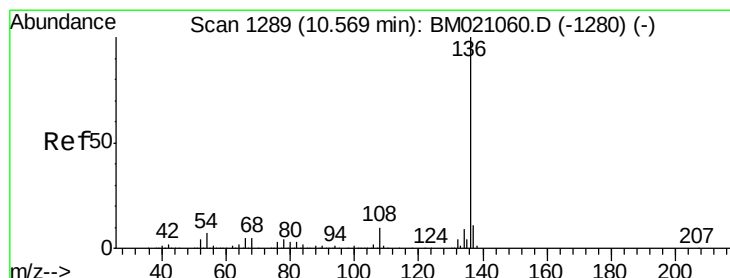
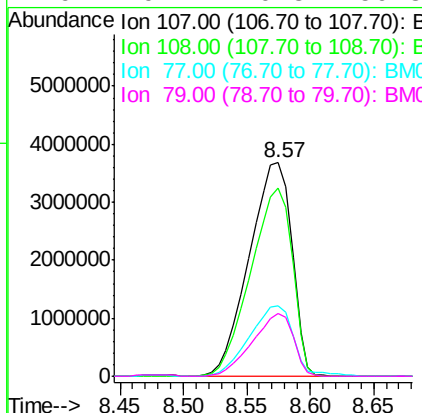
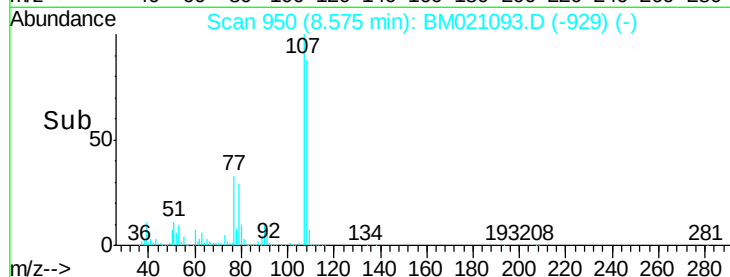
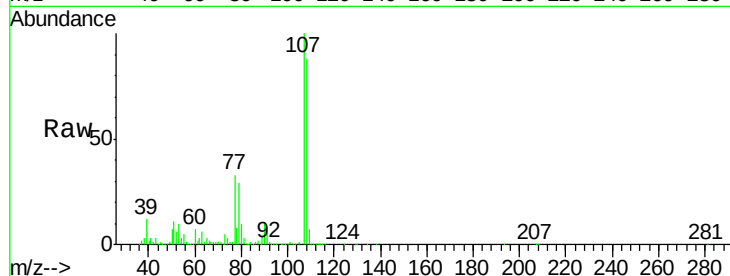
#20
3+4-Methylphenols
Concen: 336.496 ng
RT: 8.57 min Scan# 950
Delta R.T. 0.02 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610DL

Tgt Ion:107 Resp: 8627969
Ion Ratio Lower Upper
107 100
108 87.8 67.9 107.9
77 33.0 14.6 54.6
79 29.2 10.8 50.8

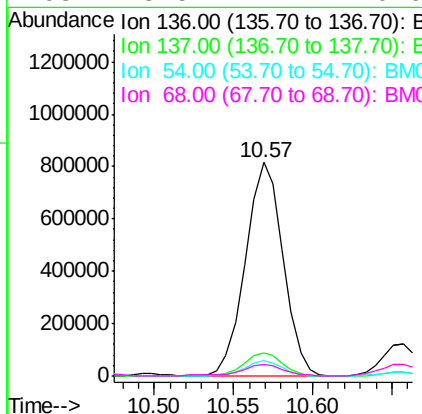
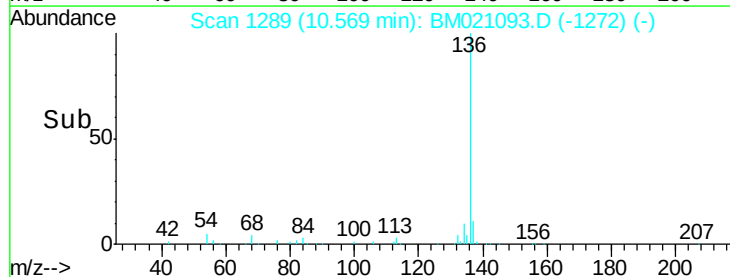
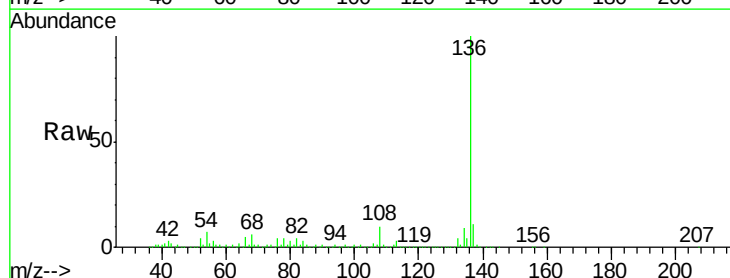
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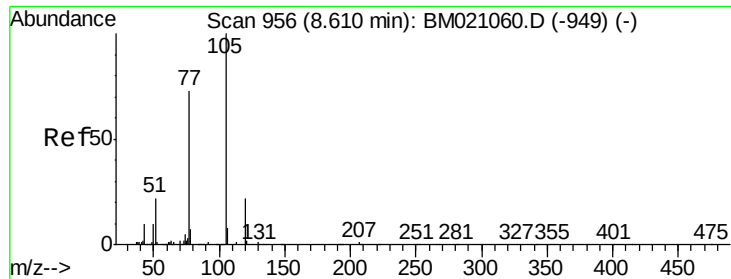
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Tgt Ion:136 Resp: 1338390
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.0 5.3 7.9
68 5.5 4.4 6.6





#22

Acetophenone

Concen: 3.378 ng

RT: 8.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM021093.D

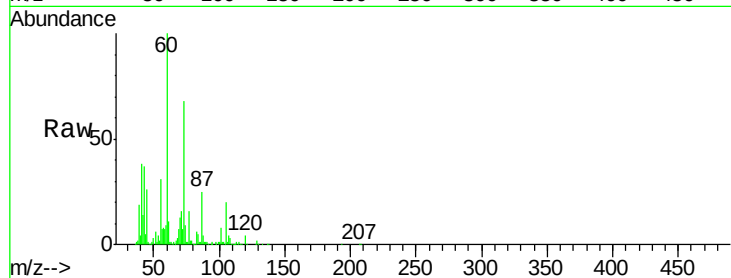
Acq: 22 Jun 2019 10:10

Instrument :

BNA_M

ClientSampleId :

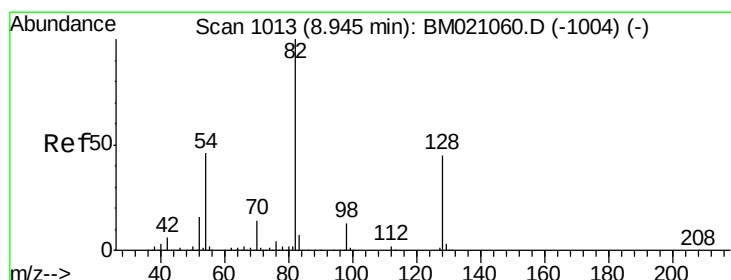
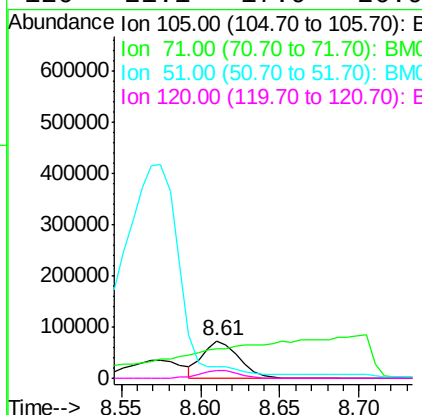
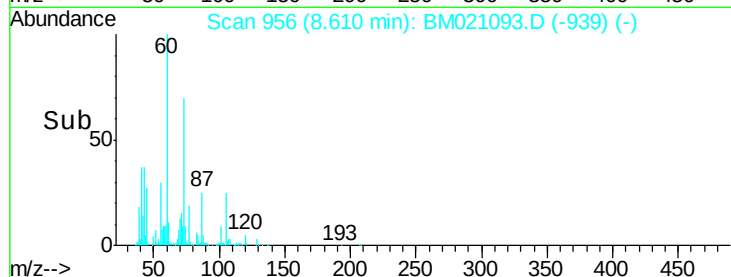
KY032MW006-190610DL



Tgt Ion:	105	Resp:	115199
Ion Ratio	Lower	Upper	
105	100		
71	78.9	1.2	1.8#
51	32.3	19.1	28.7#
120	21.1	17.9	26.9

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#23

Nitrobenzene-d5

Concen: 15.638 ng

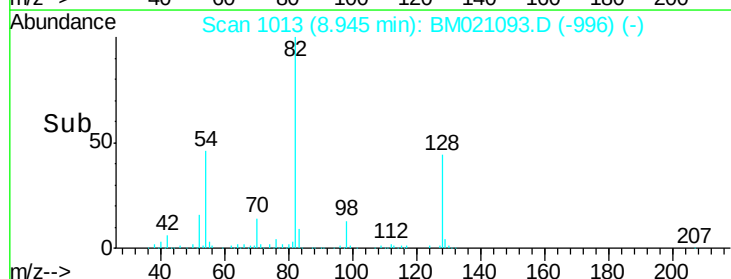
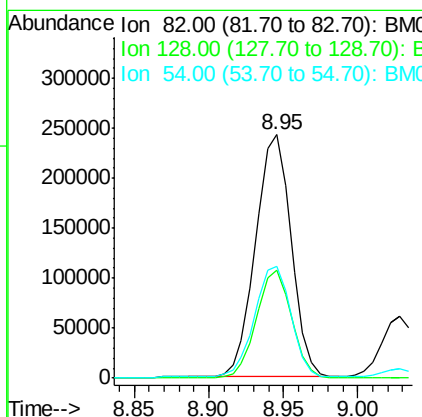
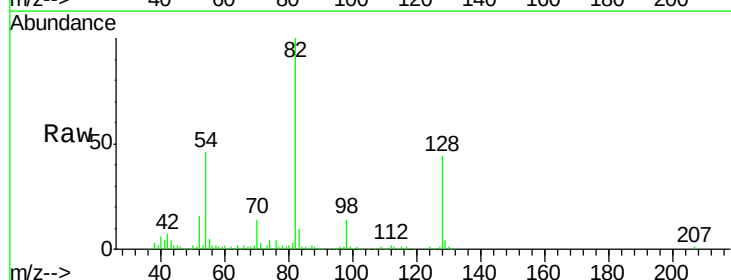
RT: 8.95 min Scan# 1013

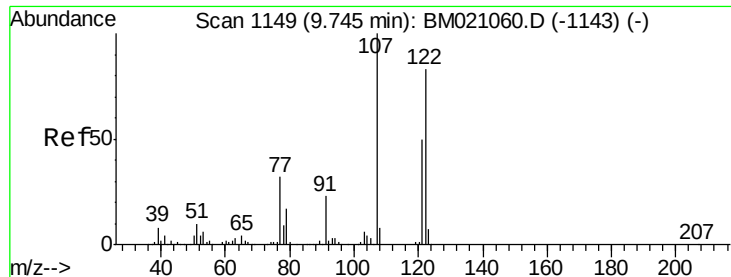
Delta R.T. 0.00 min

Lab File: BM021093.D

Acq: 22 Jun 2019 10:10

Tgt Ion:	82	Resp:	401593
Ion Ratio	Lower	Upper	
82	100		
128	44.1	35.9	53.9
54	45.9	36.6	55.0





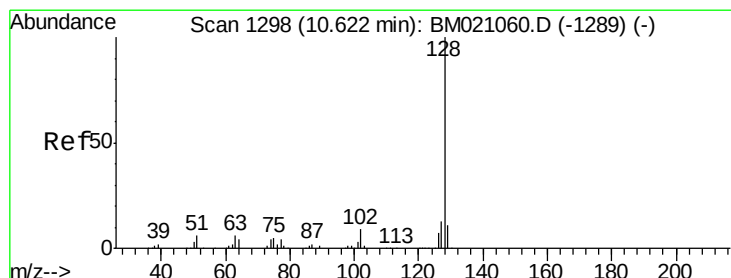
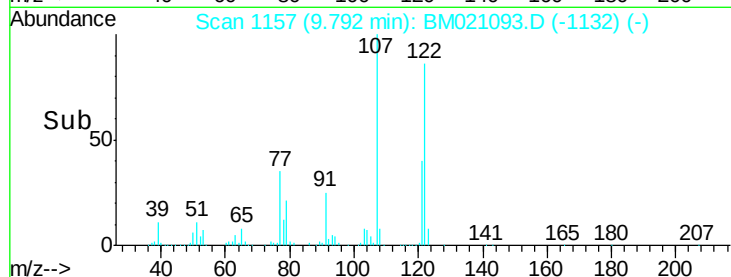
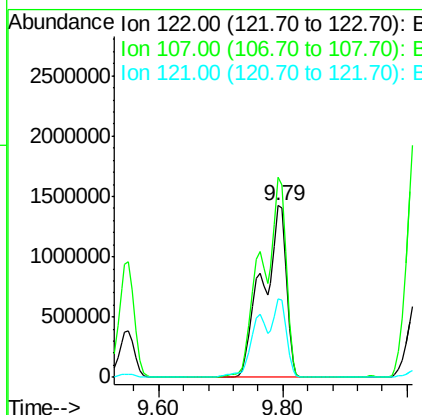
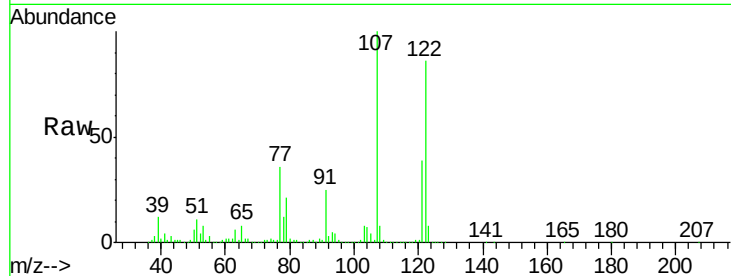
#27
2,4-Dimethylphenol
Concen: 204.135 ng m
RT: 9.79 min Scan# 1157
Delta R.T. 0.05 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Instrument :
BNA_M
ClientSampleID :
KY032MW006-190610DL

Tgt Ion:122 Resp: 3708702
Ion Ratio Lower Upper
122 100
107 116.5 95.3 142.9
121 46.0 47.5 71.3#

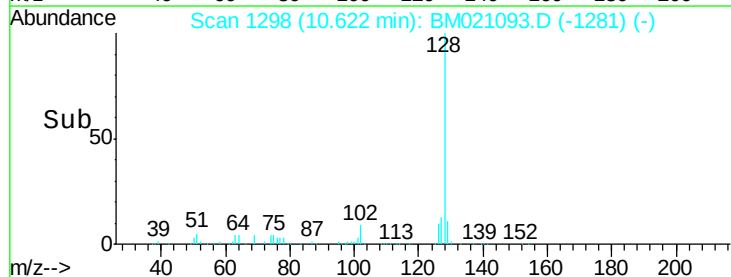
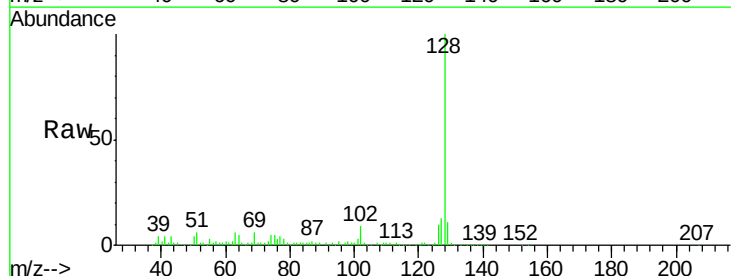
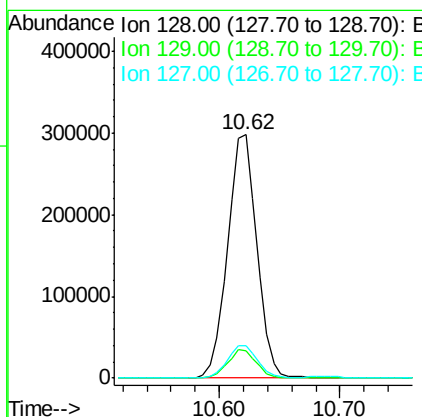
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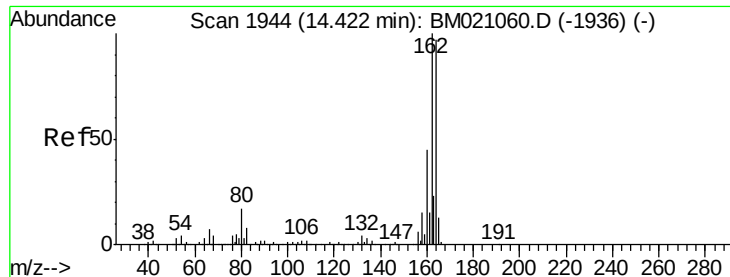
mohammad
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#31
Naphthalene
Concen: 7.120 ng
RT: 10.62 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Tgt Ion:128 Resp: 504294
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.4 10.8 16.2





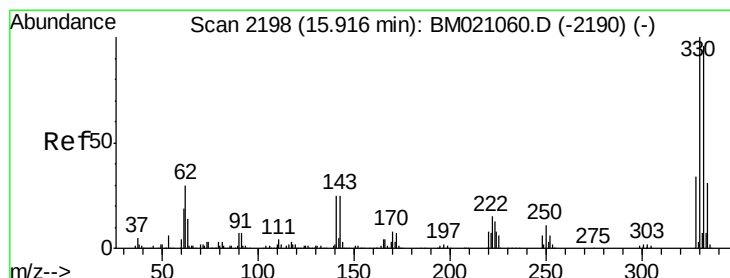
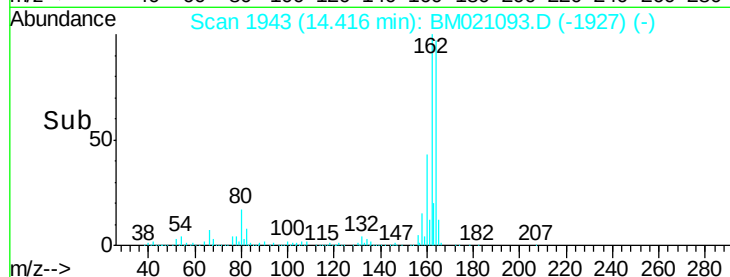
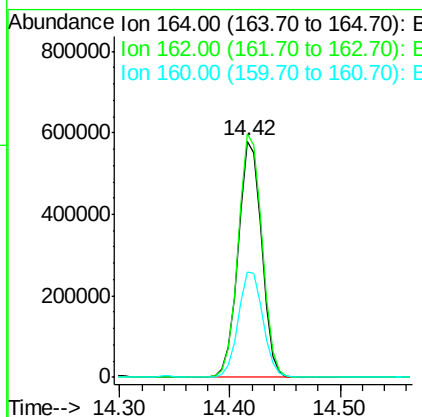
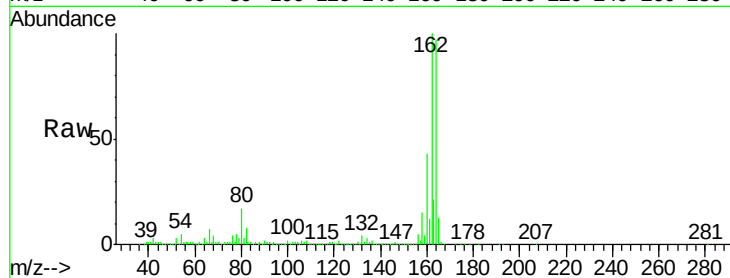
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610DL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	866383		
162	103.2	82.1	123.1	
160	44.4	37.1	55.7	

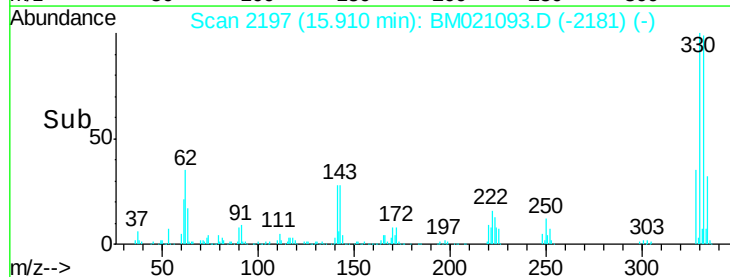
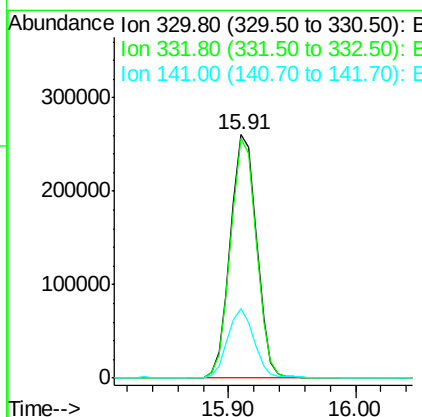
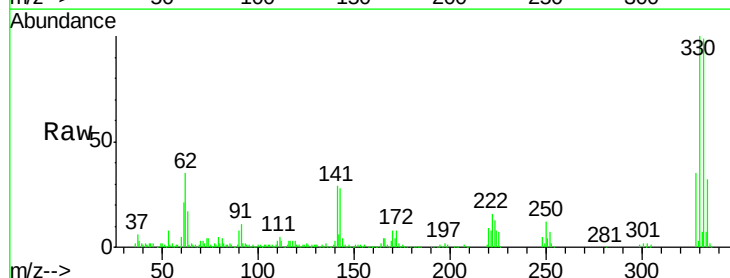
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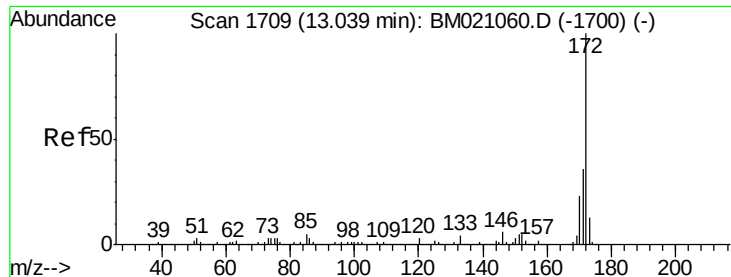
mohammad
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#42
2,4,6-Tribromophenol
Concen: 23.065 ng
RT: 15.91 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	374969		
332	96.8	77.1	115.7	
141	28.5	21.8	32.8	





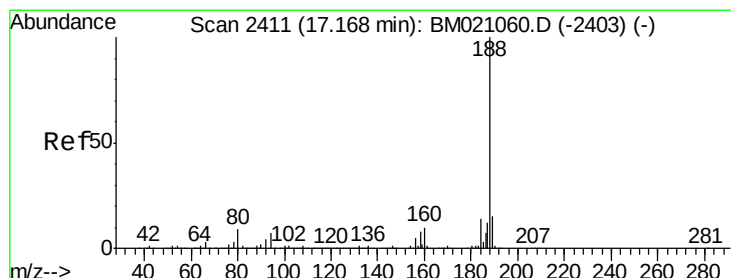
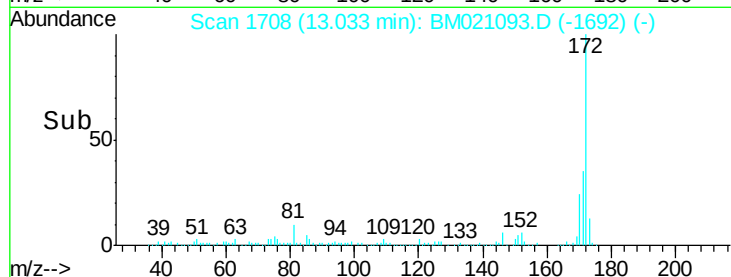
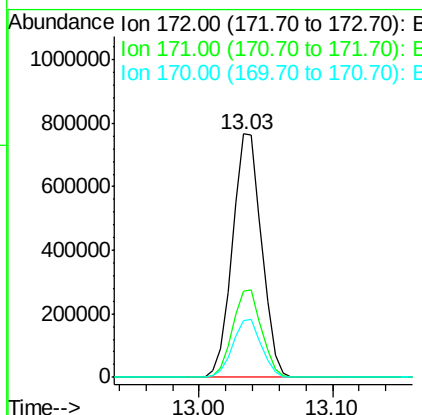
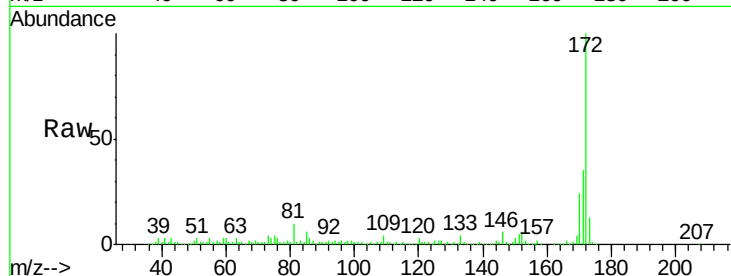
#45
2-Fluorobiphenyl
Concen: 16.490 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610DL

Tgt Ion:172 Resp: 1162428
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.5 18.7 28.1

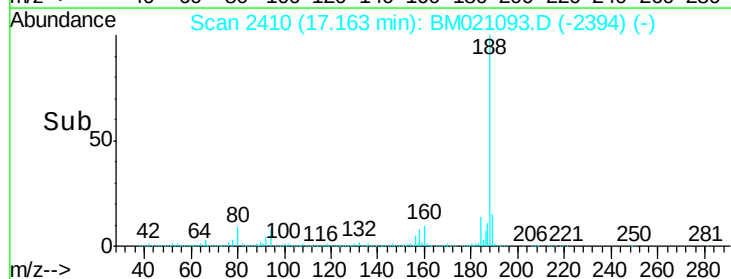
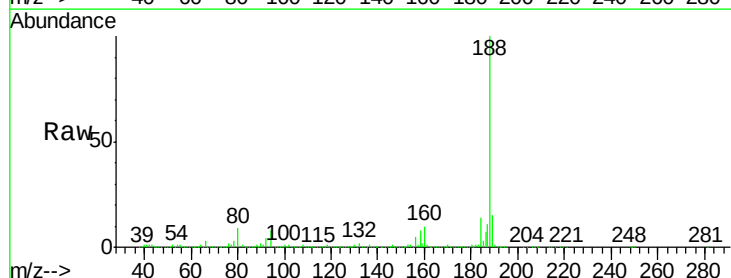
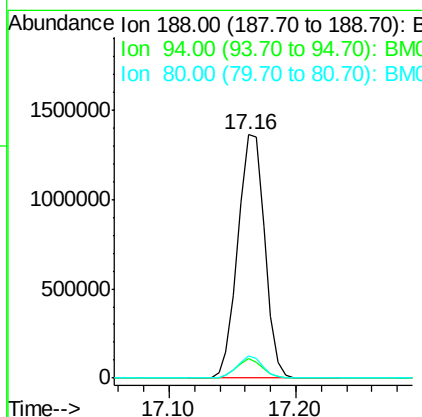
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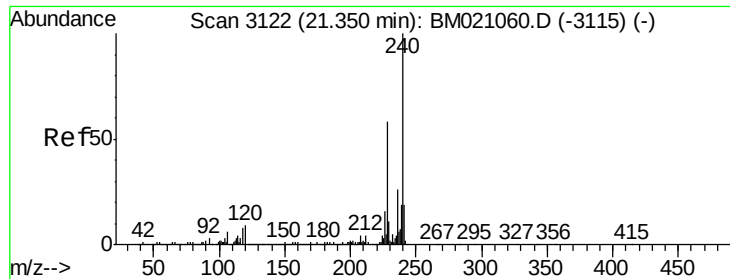
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Tgt Ion:188 Resp: 1990868
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.8
80 9.0 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM021093.D

Acq: 22 Jun 2019 10:10

Instrument :

BNA_M

ClientSampleId :

KY032MW006-190610DL

Tgt Ion:240 Resp: 1628274

Ion Ratio Lower Upper

240 100

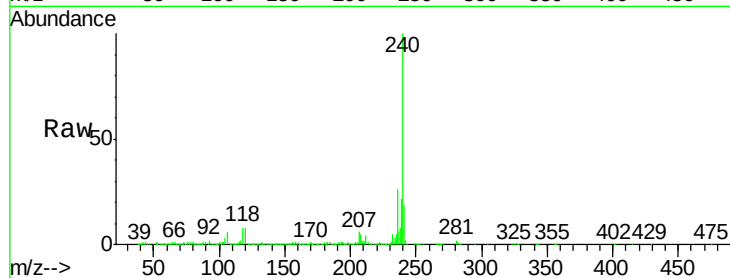
120 8.1 6.9 10.3

236 25.9 20.4 30.6

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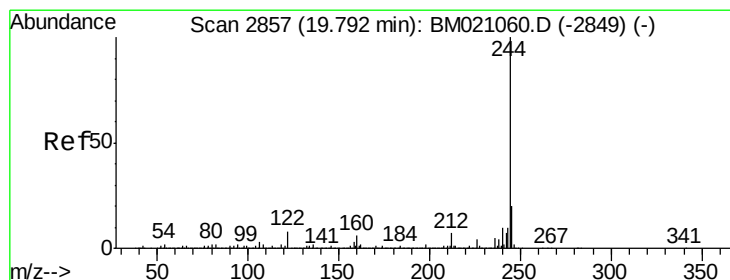
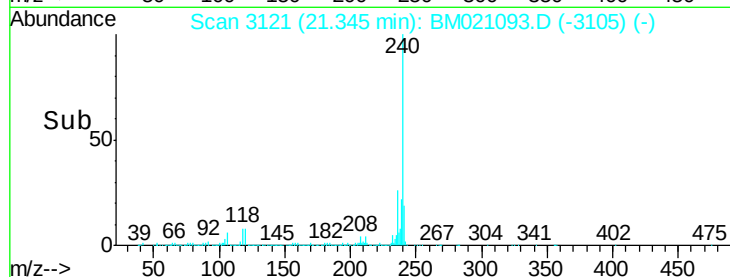
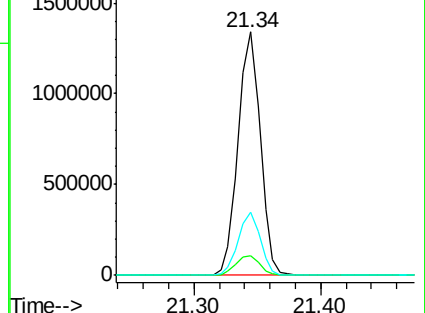
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 15.950 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM021093.D

Acq: 22 Jun 2019 10:10

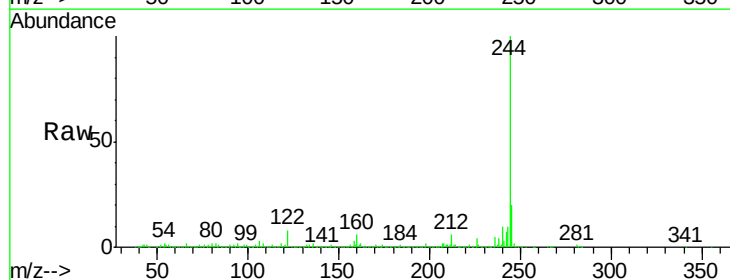
Tgt Ion:244 Resp: 1390527

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

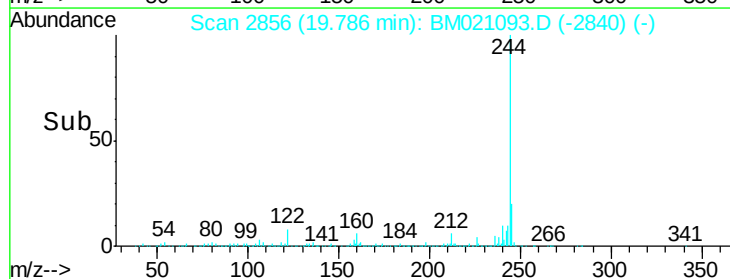
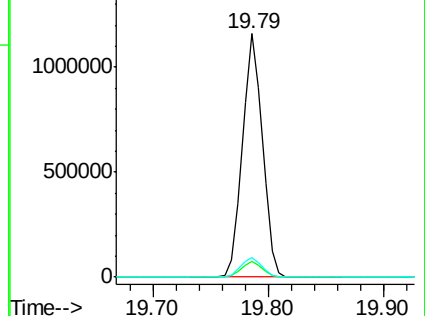
122 8.2 6.6 9.8

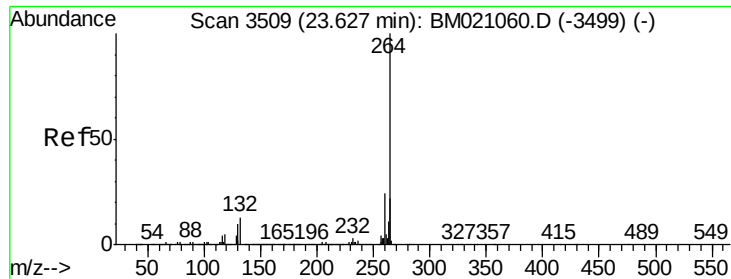


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.62 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BM021093.D
Acq: 22 Jun 2019 10:10

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.8	17.7	26.5

Manual Integrations
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