

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033297.D
 Acq On : 03 Dec 2021 21:38
 Operator : CG/JU
 Sample : M4917-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-23

Quant Time: Dec 06 00:51:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

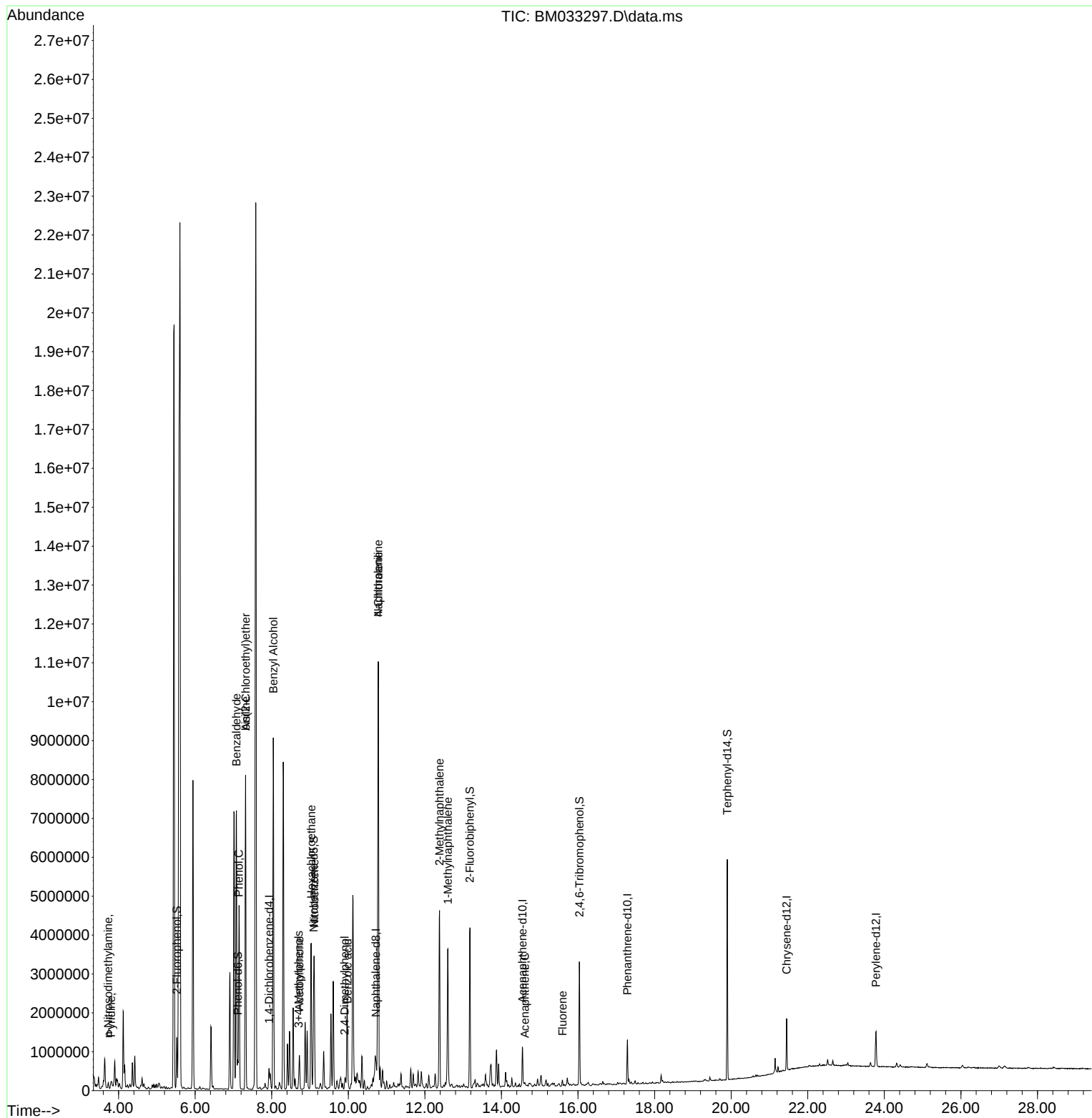
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	135535	20.000	ng	0.00
21) Naphthalene-d8	10.724	136	529973	20.000	ng	#-0.01
39) Acenaphthene-d10	14.548	164	316128	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	628315	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	619183	20.000	ng	# 0.00
86) Perylene-d12	23.782	264	629009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	498742	60.767	ng	0.02
7) Phenol-d6	7.113	99	396187	36.043	ng	0.02
23) Nitrobenzene-d5	9.095	82	1103165	96.632	ng	0.00
42) 2,4,6-Tribromophenol	16.036	330	472253	137.040	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	2055793	91.713	ng	0.00
79) Terphenyl-d14	19.900	244	2594532	82.858	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.801	79	27416	3.084	ng	# 59
4) n-Nitrosodimethylamine	3.731	42	14610	3.236	ng	# 12
6) Aniline	7.319	93	26589	2.148	ng	# 1
9) Benzaldehyde	7.078	77	573818	96.178	ng	# 1
10) Phenol	7.142	94	32102	2.888	ng	# 1
11) bis(2-Chloroethyl)ether	7.319	93	26589	3.126	ng	# 1
15) Benzyl Alcohol	8.042	79	493960	57.743	ng	# 15
18) Hexachloroethane	9.030	117	555742	149.016	ng	# 1
20) 3+4-Methylphenols	8.707	107	90956	9.151	ng	88
22) Acetophenone	8.725	105	582736	42.724	ng	# 53
24) Nitrobenzene	9.113	77	95032	8.641	ng	# 1
27) 2,4-Dimethylphenol	9.907	122	15167	2.165	ng	93
31) Naphthalene	10.783	128	8367911	299.324	ng	98
32) Benzoic acid	9.983	122	2892	5.785	ng	# 1
33) 4-Chloroaniline	10.783	127	1124958	104.631	ng	# 32
37) 2-Methylnaphthalene	12.383	142	2086585	109.632	ng	96
38) 1-Methylnaphthalene	12.601	142	1552846	83.628	ng	97
52) Acenaphthene	14.612	154	35878	2.058	ng	96
58) Fluorene	15.595	166	56165	2.475	ng	96

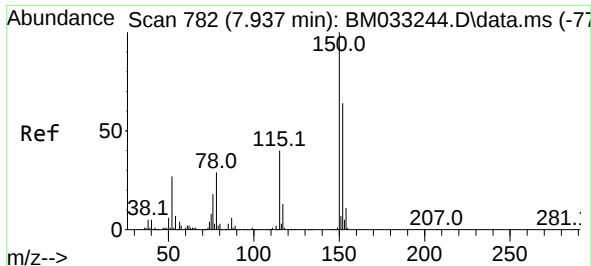
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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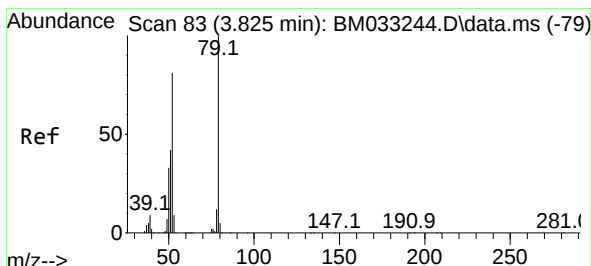
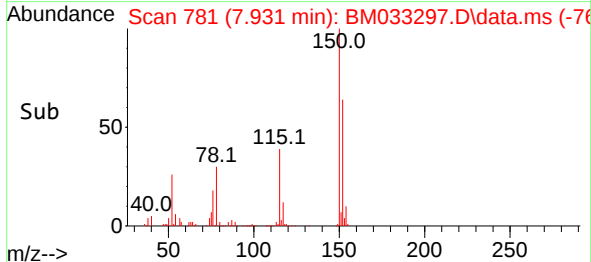
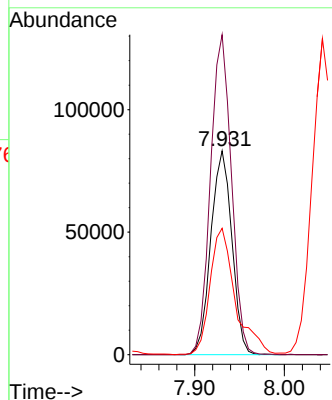
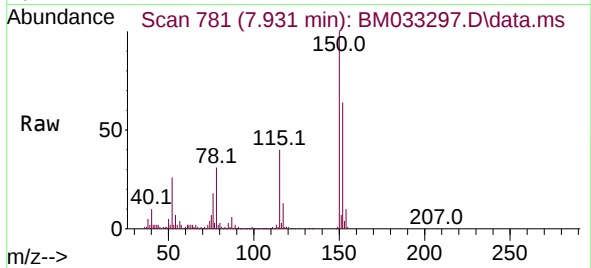




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

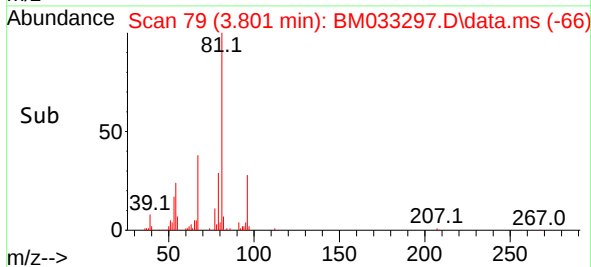
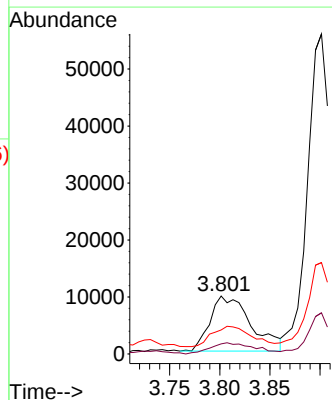
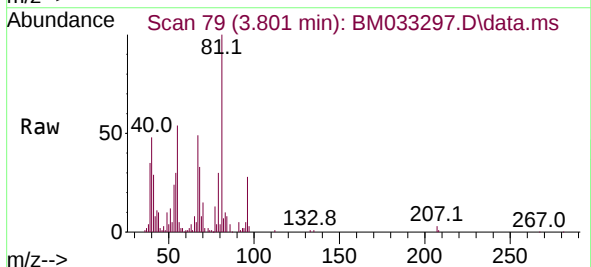
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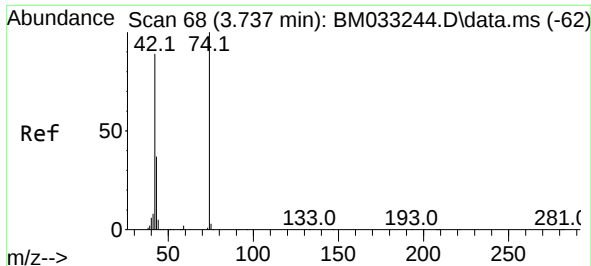
Tgt Ion:152 Resp: 135535
Ion Ratio Lower Upper
152 100
150 156.9 122.4 183.6
115 62.0 53.8 80.8



#3
Pyridine
Concen: 3.084 ng
RT: 3.801 min Scan# 79
Delta R.T. -0.024 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion: 79 Resp: 27416
Ion Ratio Lower Upper
79 100
52 17.5 48.6 73.0#
51 41.3 27.4 41.2#

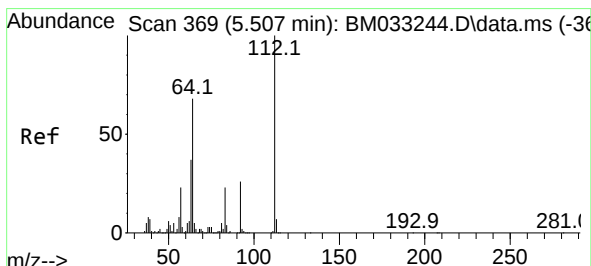
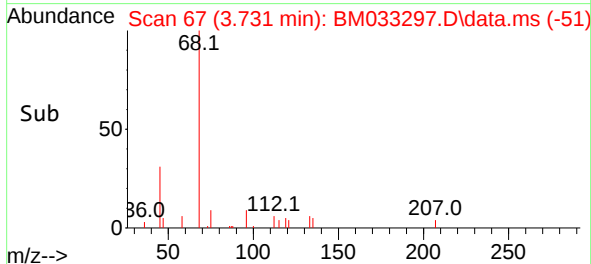
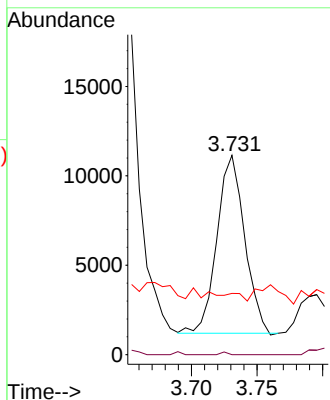
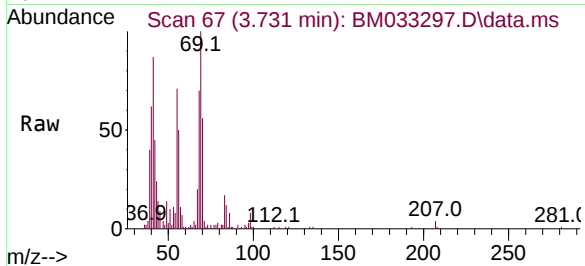




#4
n-Nitrosodimethylamine
Concen: 3.236 ng
RT: 3.731 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

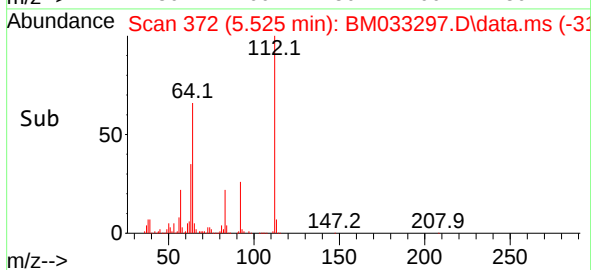
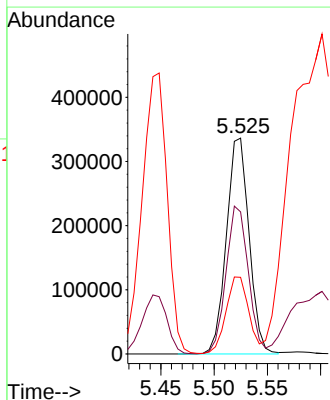
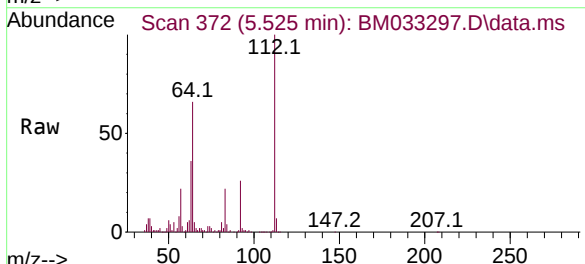
Instrument :
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ClientSampleId :
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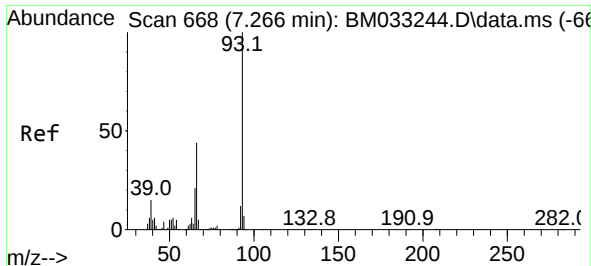
Tgt Ion: 42 Resp: 14610
Ion Ratio Lower Upper
42 100
74 0.0 99.5 149.3#
44 30.8 57.3 85.9#



#5
2-Fluorophenol
Concen: 60.767 ng
RT: 5.525 min Scan# 372
Delta R.T. 0.017 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion: 112 Resp: 498742
Ion Ratio Lower Upper
112 100
64 65.8 53.7 80.5
63 35.5 33.9 50.9

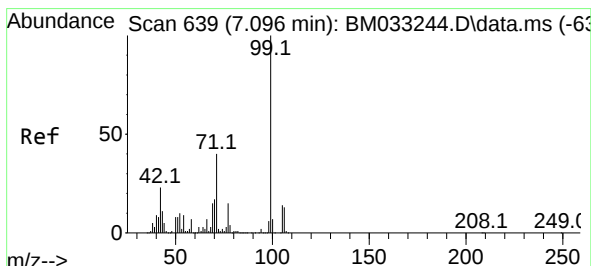
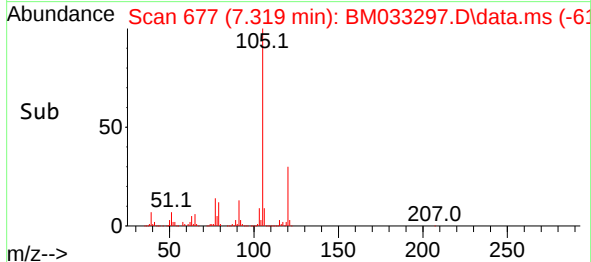
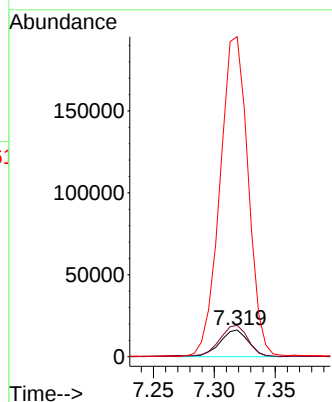
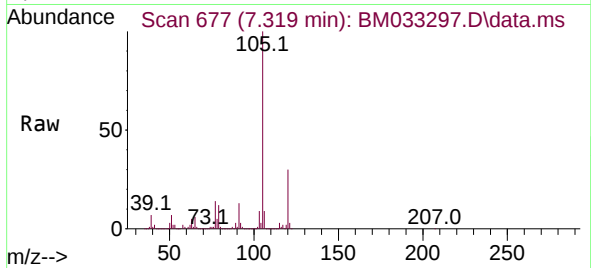




#6
Aniline
Concen: 2.148 ng
RT: 7.319 min Scan# 61
Delta R.T. 0.053 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

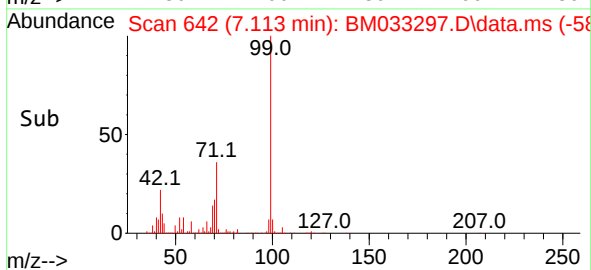
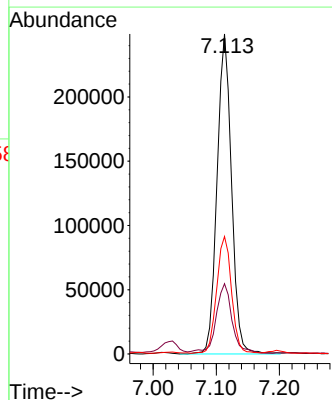
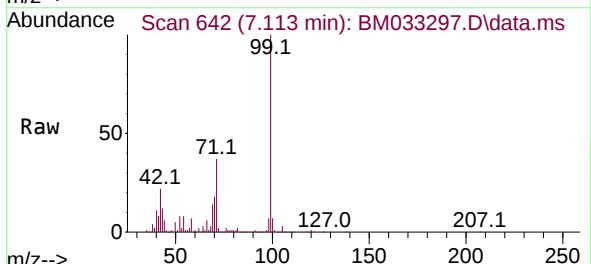
Instrument :
BNA_M
ClientSampleId :
MW-23

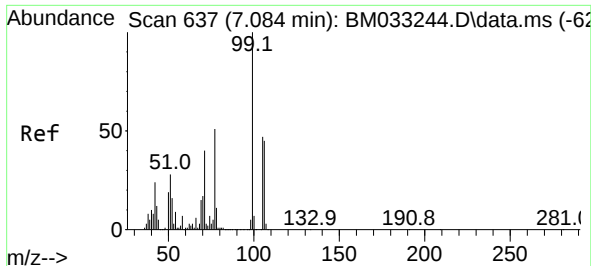
Tgt Ion: 93 Resp: 26589
Ion Ratio Lower Upper
93 100
66 117.3 35.3 52.9#
65 1196.8 18.7 28.1#



#7
Phenol-d6
Concen: 36.043 ng
RT: 7.113 min Scan# 642
Delta R.T. 0.017 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion: 99 Resp: 396187
Ion Ratio Lower Upper
99 100
42 21.9 23.0 34.6#
71 36.7 37.8 56.8#

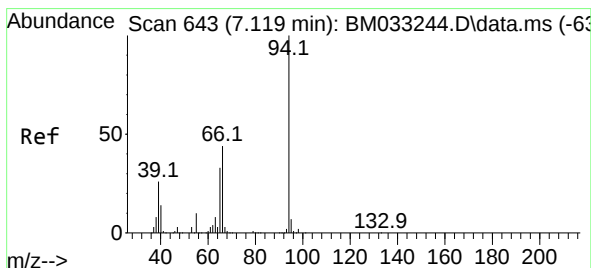
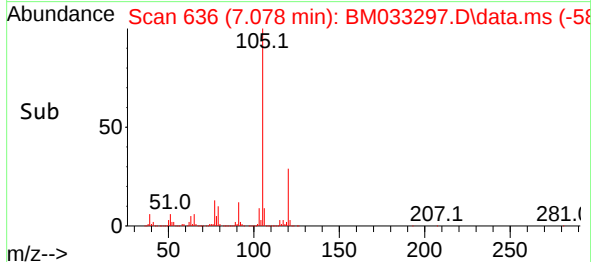
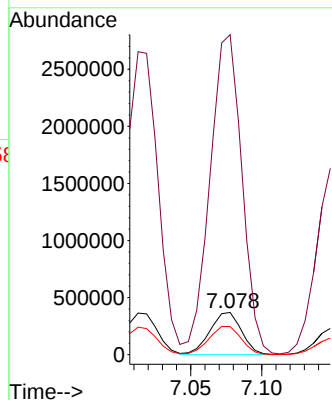
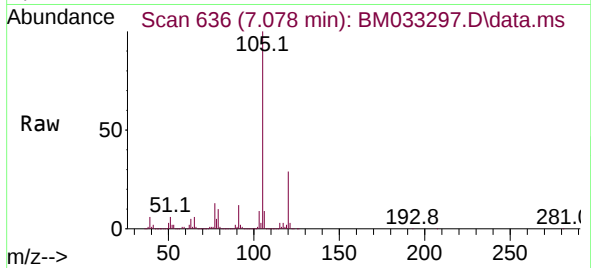




#9
Benzaldehyde
Concen: 96.178 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

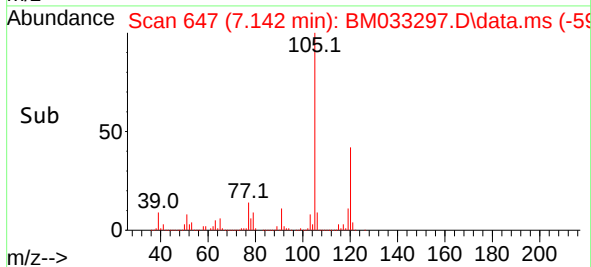
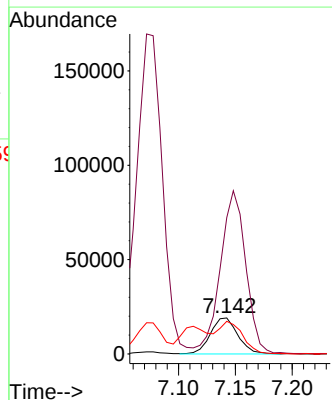
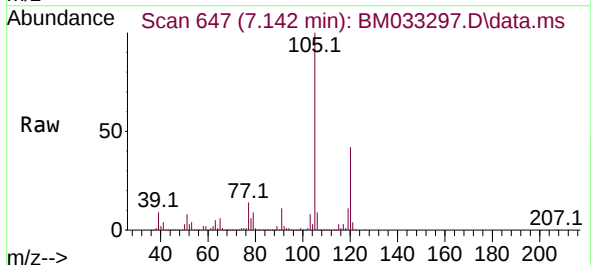
Instrument :
BNA_M
ClientSampleId :
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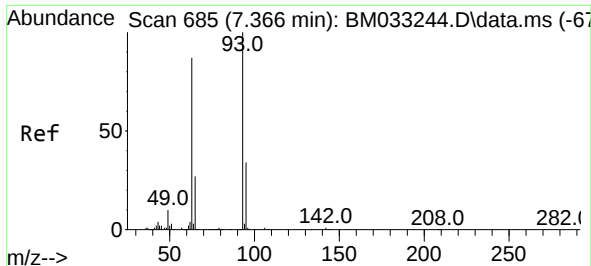
Tgt Ion: 77 Resp: 573818
Ion Ratio Lower Upper
77 100
105 758.8 68.9 108.9#
106 66.8 61.2 101.2



#10
Phenol
Concen: 2.888 ng
RT: 7.142 min Scan# 647
Delta R.T. 0.023 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion: 94 Resp: 32102
Ion Ratio Lower Upper
94 100
65 377.9 16.9 56.9#
66 90.7 30.0 70.0#

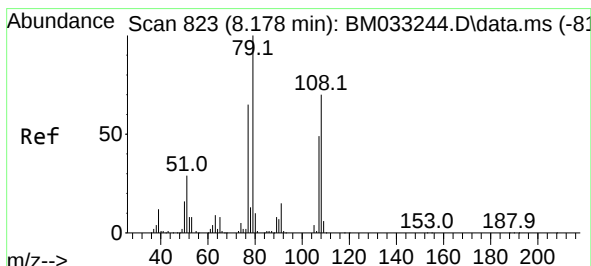
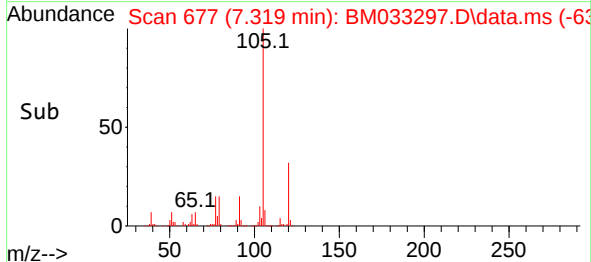
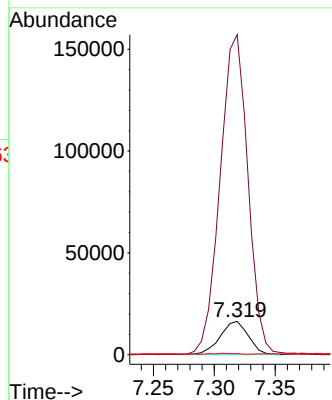
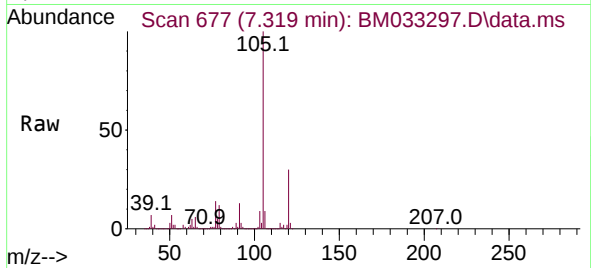




#11
bis(2-Chloroethyl)ether
Concen: 3.126 ng
RT: 7.319 min Scan# 61
Delta R.T. -0.047 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

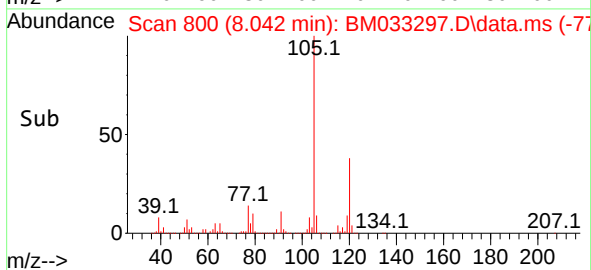
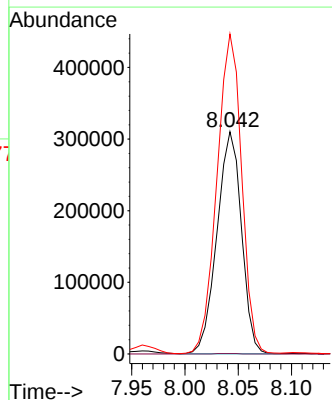
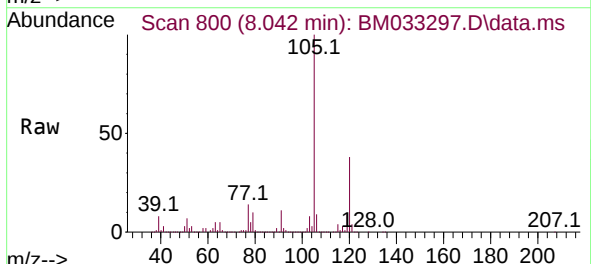
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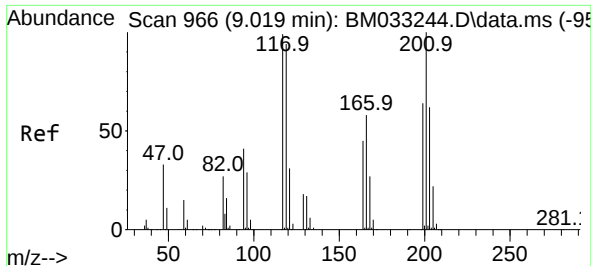
Tgt Ion: 93 Resp: 26589
Ion Ratio Lower Upper
93 100
63 962.7 63.7 103.7#
95 3.5 12.4 52.4#



#15
Benzyl Alcohol
Concen: 57.743 ng
RT: 8.042 min Scan# 800
Delta R.T. -0.136 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion: 79 Resp: 493960
Ion Ratio Lower Upper
79 100
108 0.1 53.6 80.4#
77 144.0 57.7 86.5#

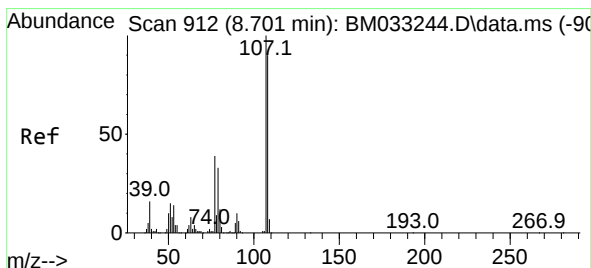
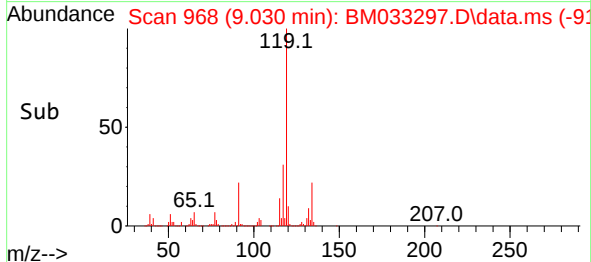
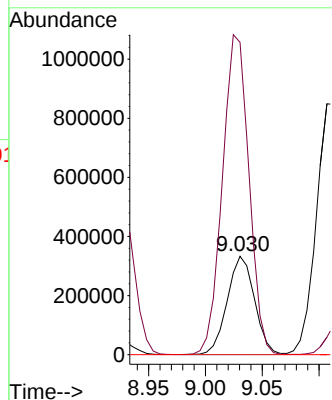
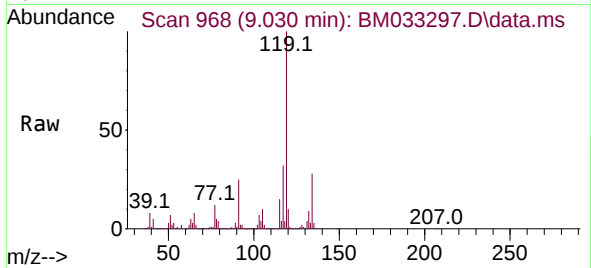




#18
Hexachloroethane
Concen: 149.016 ng
RT: 9.030 min Scan# 90
Delta R.T. 0.011 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

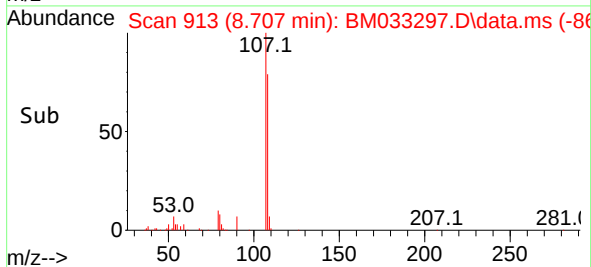
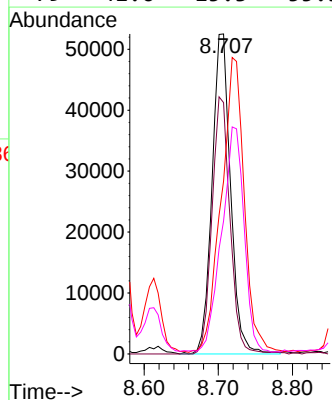
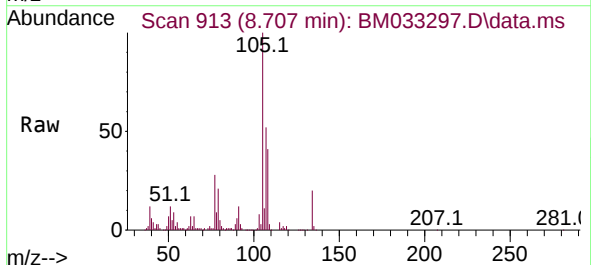
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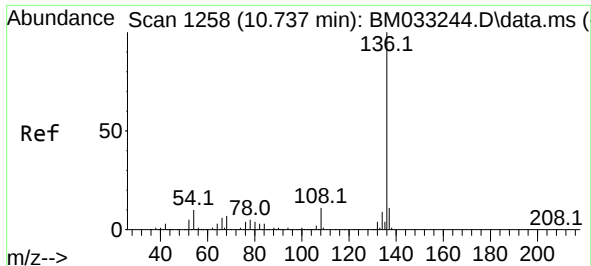
Tgt Ion:117 Resp: 555742
Ion Ratio Lower Upper
117 100
119 317.4 77.7 116.5#
201 0.0 70.2 105.2#



#20
3+4-Methylphenols
Concen: 9.151 ng
RT: 8.707 min Scan# 913
Delta R.T. 0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion:107 Resp: 90956
Ion Ratio Lower Upper
107 100
108 78.5 67.6 107.6
77 53.9 21.9 61.9
79 41.6 15.3 55.3

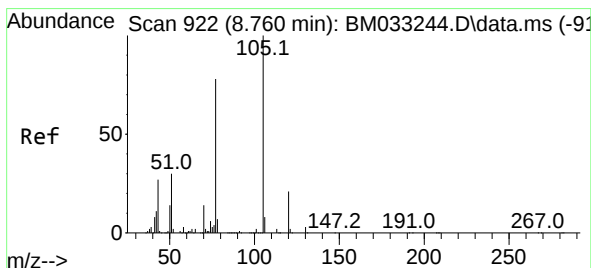
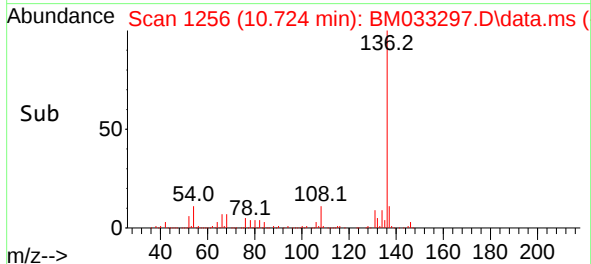
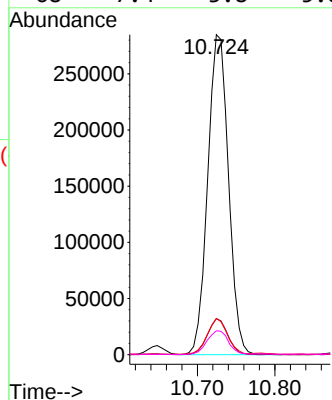
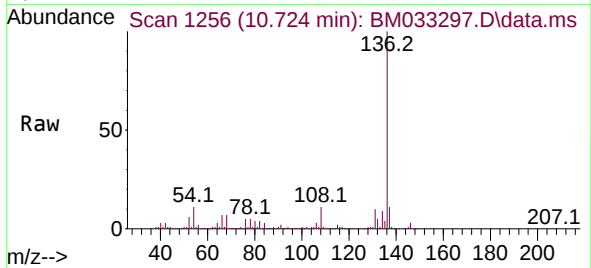




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.724 min Scan# 11
Delta R.T. -0.013 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

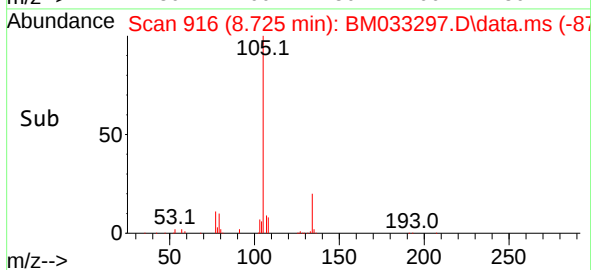
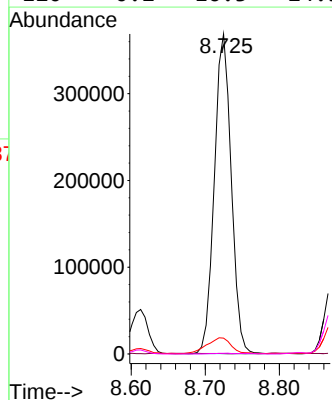
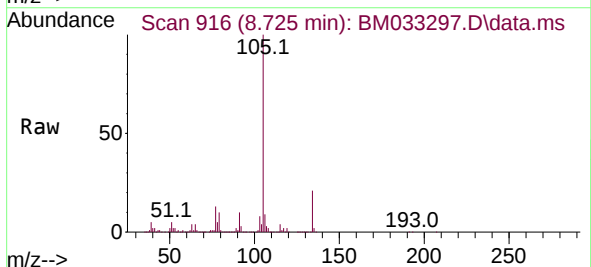
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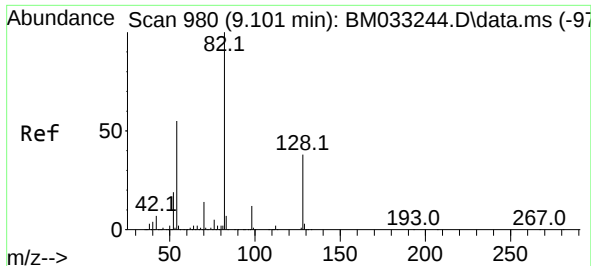
Tgt Ion:136 Resp: 529973
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 11.3 7.4 11.0#
68 7.4 3.8 5.8#



#22
Acetophenone
Concen: 42.724 ng
RT: 8.725 min Scan# 916
Delta R.T. -0.036 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion:105 Resp: 582736
Ion Ratio Lower Upper
105 100
71 0.1 3.8 5.6#
51 4.9 29.5 44.3#
120 0.2 16.3 24.5#





#23

Nitrobenzene-d5

Concen: 96.632 ng

RT: 9.095 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM033297.D

Acq: 03 Dec 2021 21:38

Instrument :

BNA_M

ClientSampleId :

MW-23

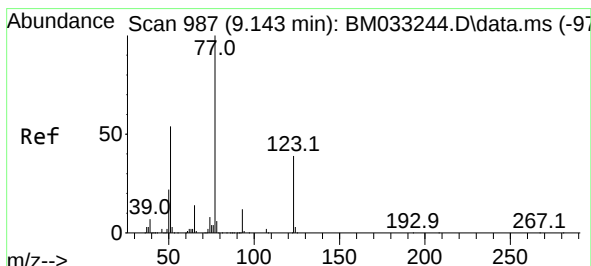
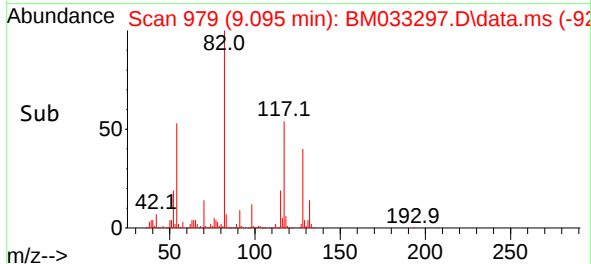
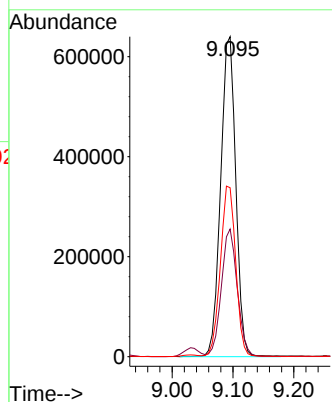
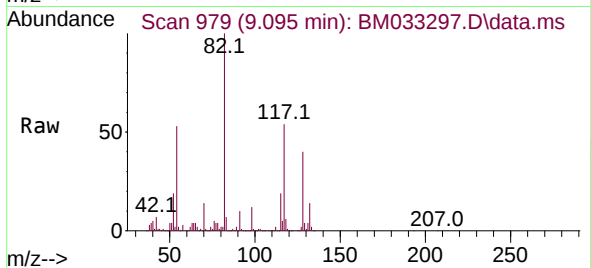
Tgt Ion: 82 Resp: 1103165

Ion Ratio Lower Upper

82 100

128 39.9 29.0 43.6

54 52.8 45.8 68.8



#24

Nitrobenzene

Concen: 8.641 ng

RT: 9.113 min Scan# 982

Delta R.T. -0.030 min

Lab File: BM033297.D

Acq: 03 Dec 2021 21:38

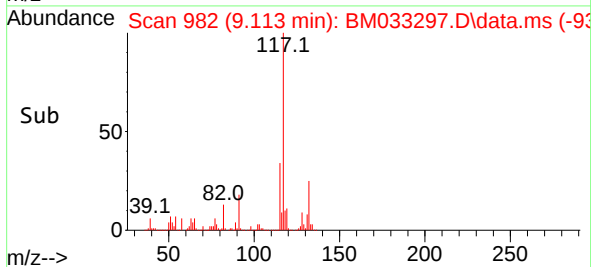
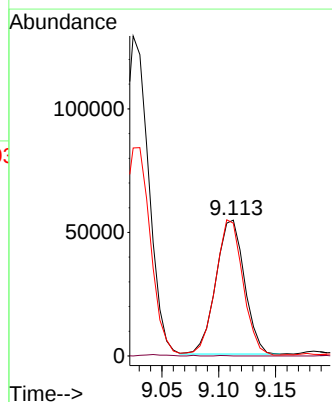
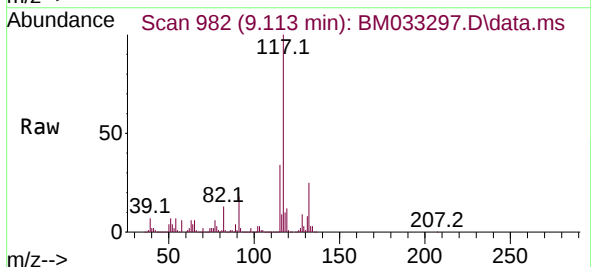
Tgt Ion: 77 Resp: 95032

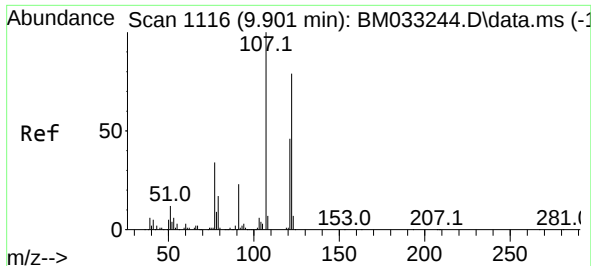
Ion Ratio Lower Upper

77 100

123 0.0 30.1 45.1#

65 97.7 11.7 17.5#





#27

2,4-Dimethylphenol

Concen: 2.165 ng

RT: 9.907 min Scan# 1116

Delta R.T. 0.006 min

Lab File: BM033297.D

Acq: 03 Dec 2021 21:38

Instrument :

BNA_M

ClientSampleId :

MW-23

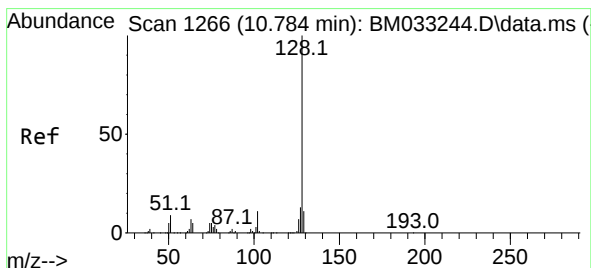
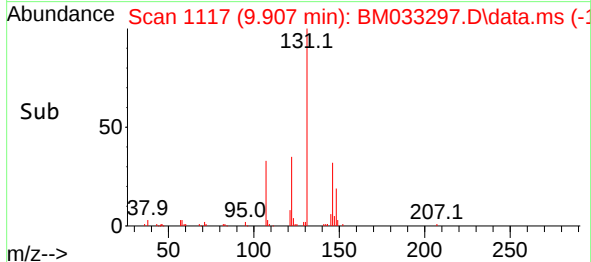
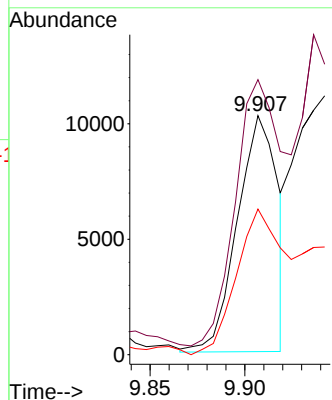
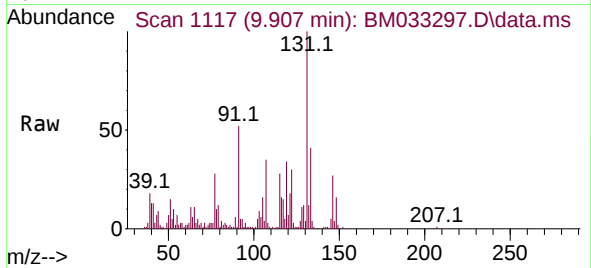
Tgt Ion:122 Resp: 15167

Ion Ratio Lower Upper

122 100

107 115.1 100.6 150.8

121 60.9 47.3 70.9



#31

Naphthalene

Concen: 299.324 ng

RT: 10.783 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BM033297.D

Acq: 03 Dec 2021 21:38

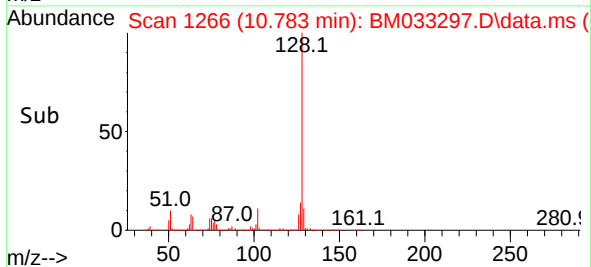
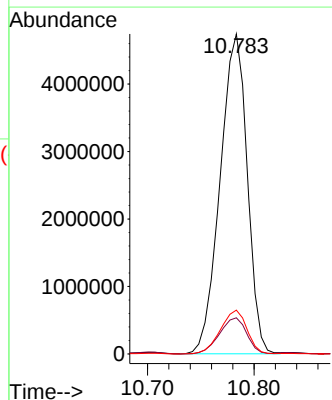
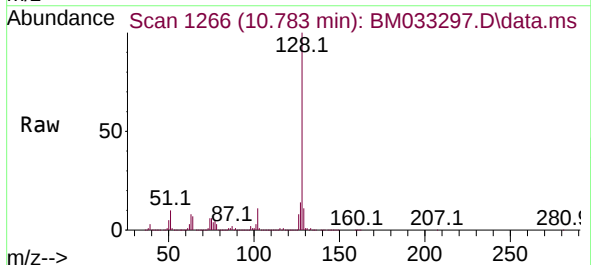
Tgt Ion:128 Resp: 8367911

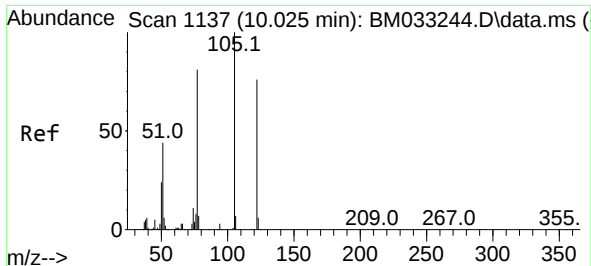
Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.7 10.4 15.6

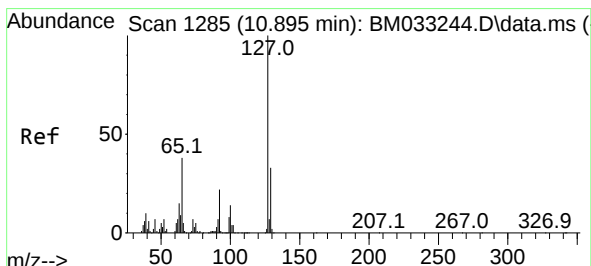
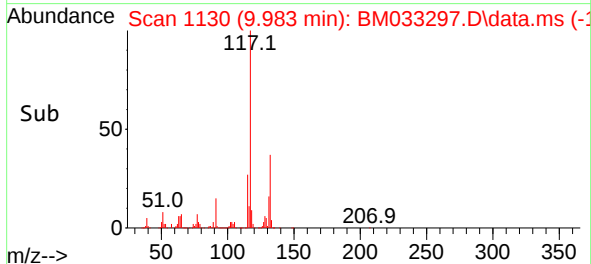
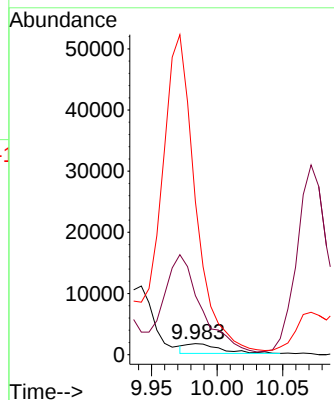
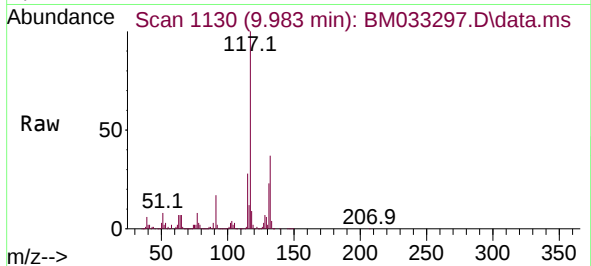




#32
Benzoic acid
Concen: 5.785 ng
RT: 9.983 min Scan# 1137
Delta R.T. -0.042 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

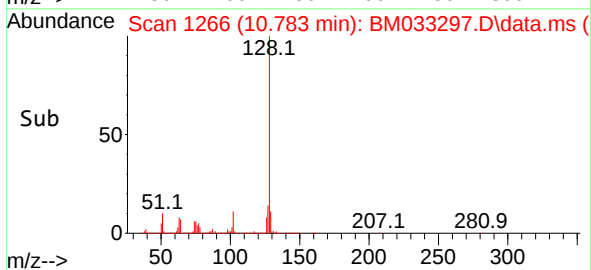
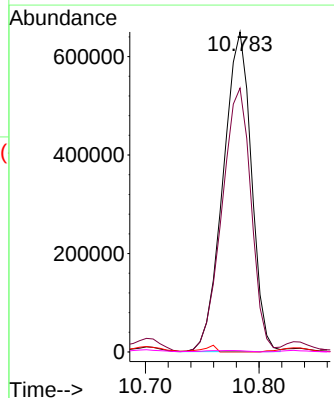
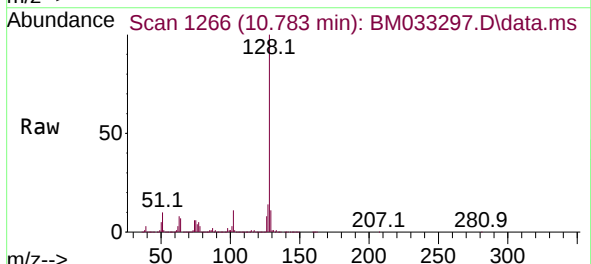
Instrument :
BNA_M
ClientSampleId :
MW-23

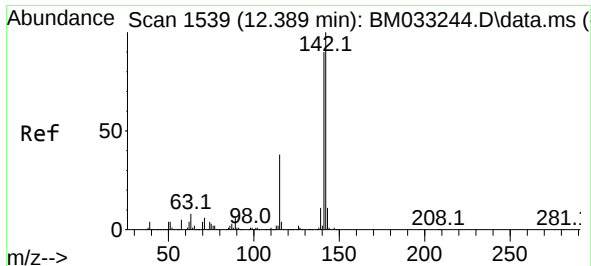
Tgt Ion:122 Resp: 2892
Ion Ratio Lower Upper
122 100
105 537.8 120.3 160.3#
77 1395.3 100.0 140.0#



#33
4-Chloroaniline
Concen: 104.631 ng
RT: 10.783 min Scan# 1266
Delta R.T. -0.112 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion:127 Resp: 1124958
Ion Ratio Lower Upper
127 100
129 82.5 25.6 38.4#
65 0.0 30.4 45.6#
92 0.4 16.2 24.4#

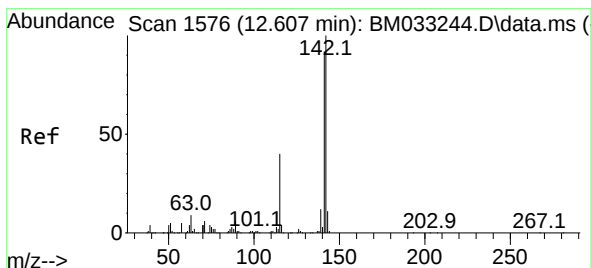
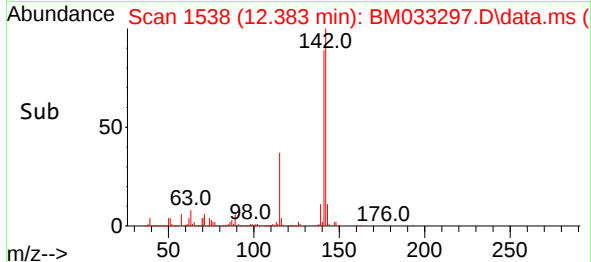
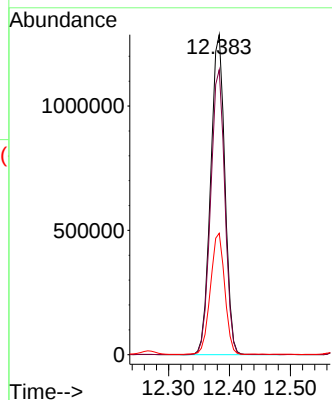
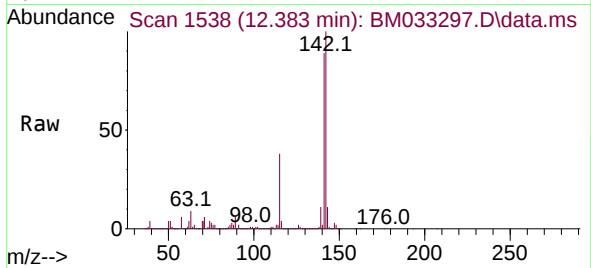




#37
2-Methylnaphthalene
Concen: 109.632 ng
RT: 12.383 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

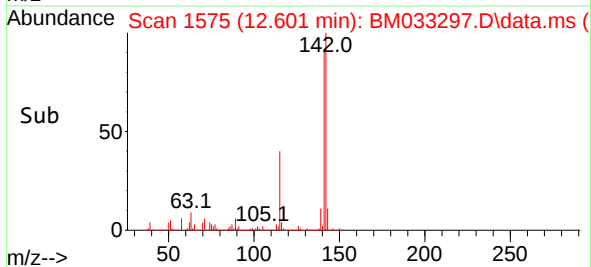
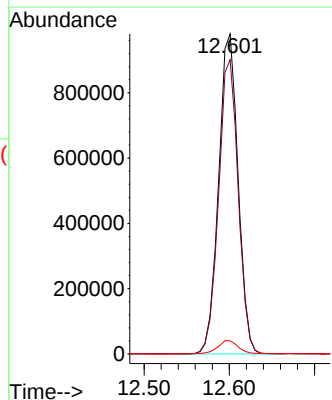
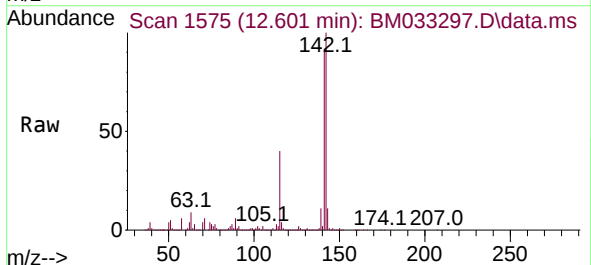
Instrument :
BNA_M
ClientSampleId :
MW-23

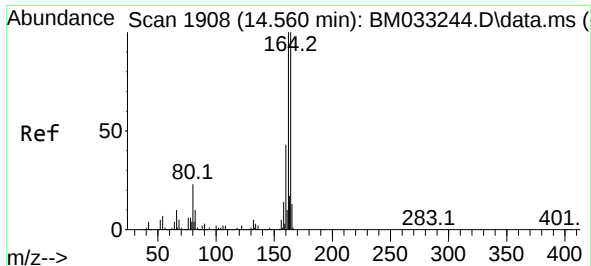
Tgt Ion:142 Resp: 2086585
Ion Ratio Lower Upper
142 100
141 89.1 71.8 107.6
115 37.9 36.3 54.5



#38
1-Methylnaphthalene
Concen: 83.628 ng
RT: 12.601 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion:142 Resp: 1552846
Ion Ratio Lower Upper
142 100
141 91.9 75.6 113.4
116 4.1 4.0 6.0

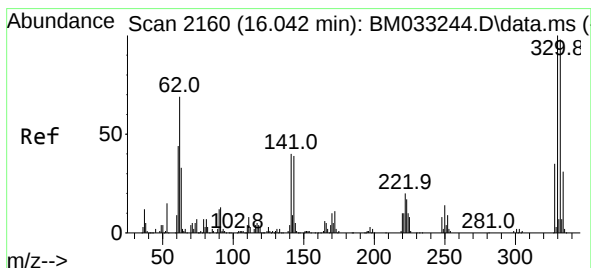
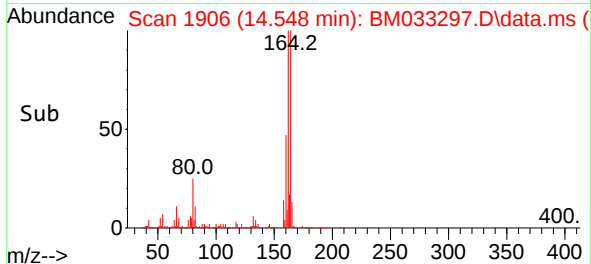
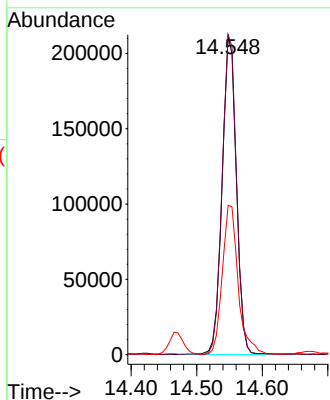
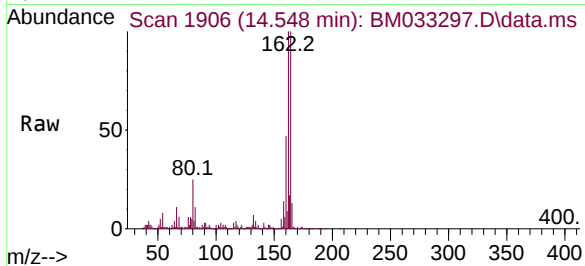




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

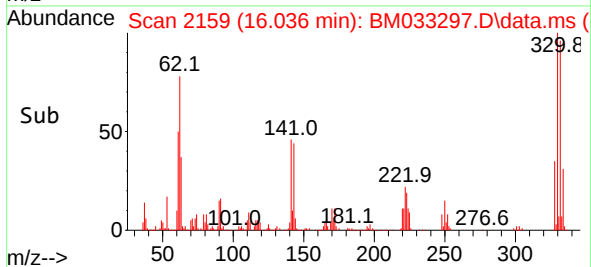
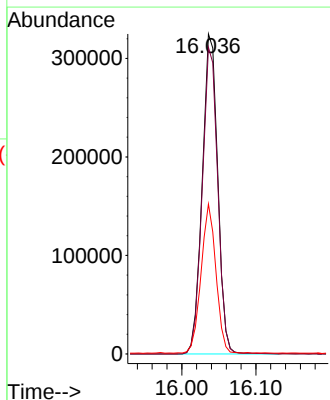
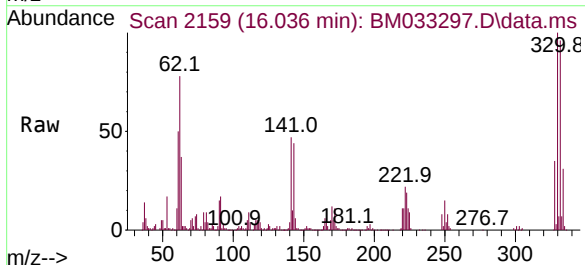
Instrument :
BNA_M
ClientSampleId :
MW-23

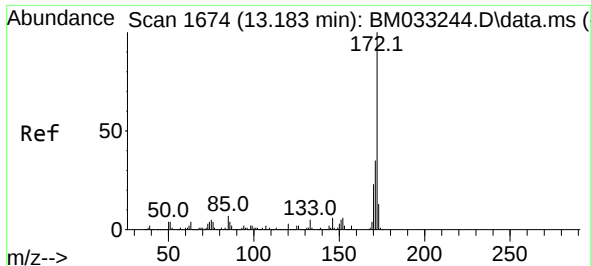
Tgt Ion:164 Resp: 316128
Ion Ratio Lower Upper
164 100
162 100.4 80.6 121.0
160 46.9 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 137.040 ng
RT: 16.036 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion:330 Resp: 472253
Ion Ratio Lower Upper
330 100
332 95.8 75.7 113.5
141 44.5 50.7 76.1#

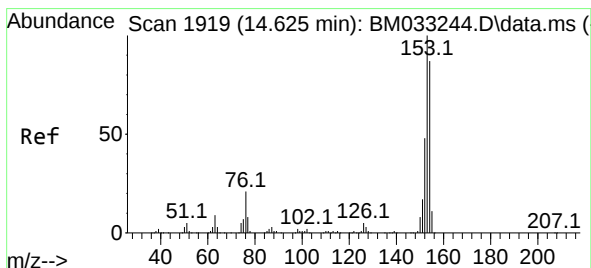
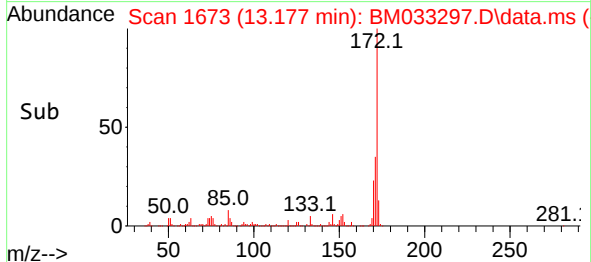
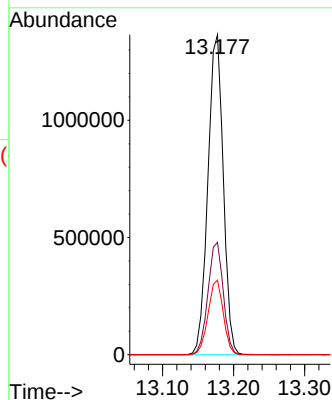
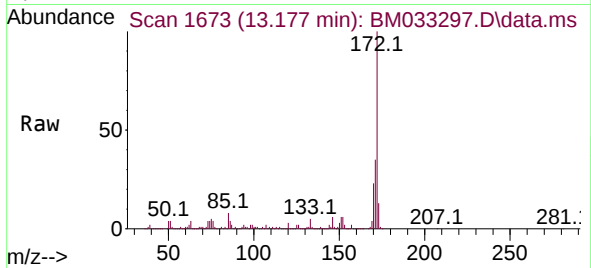




#45
2-Fluorobiphenyl
Concen: 91.713 ng
RT: 13.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

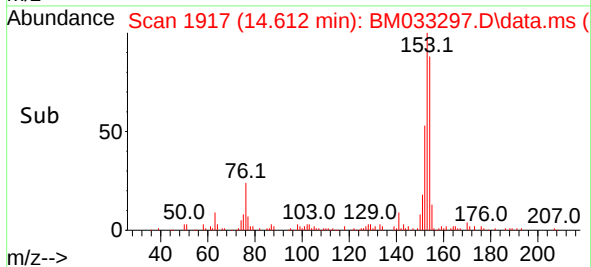
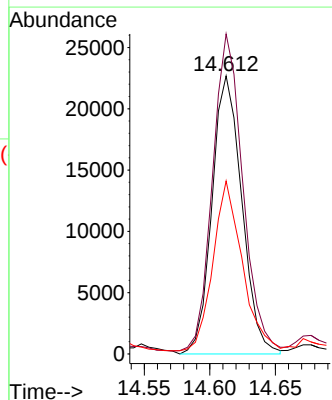
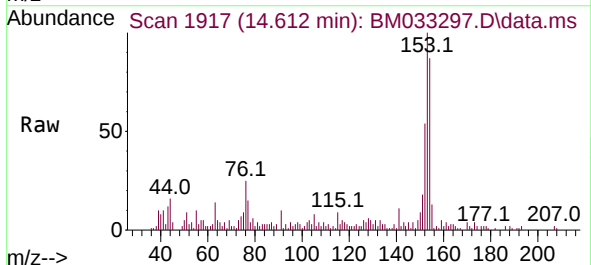
Instrument :
BNA_M
ClientSampleId :
MW-23

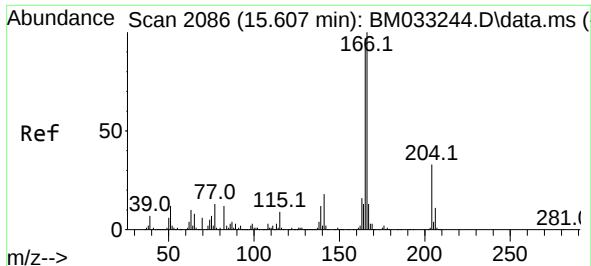
Tgt Ion:172 Resp: 2055793
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.3 18.6 27.8



#52
Acenaphthene
Concen: 2.058 ng
RT: 14.612 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion:154 Resp: 35878
Ion Ratio Lower Upper
154 100
153 115.1 92.4 138.6
152 62.2 43.7 65.5

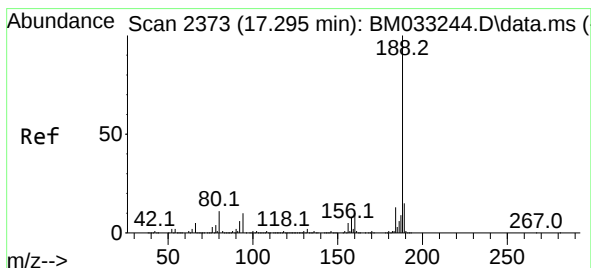
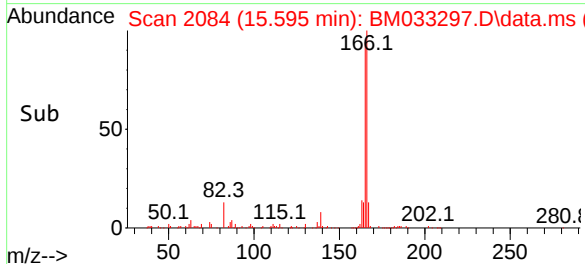
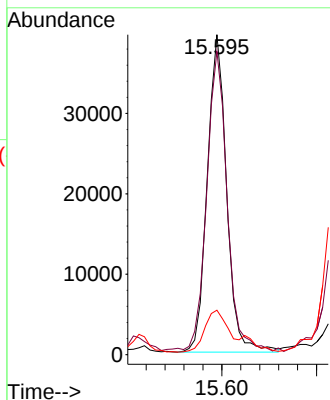
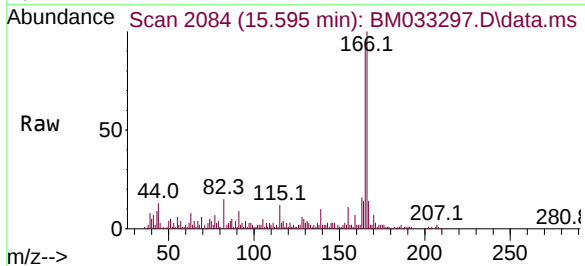




#58
 Fluorene
 Concen: 2.475 ng
 RT: 15.595 min Scan# 2084
 Delta R.T. -0.012 min
 Lab File: BM033297.D
 Acq: 03 Dec 2021 21:38

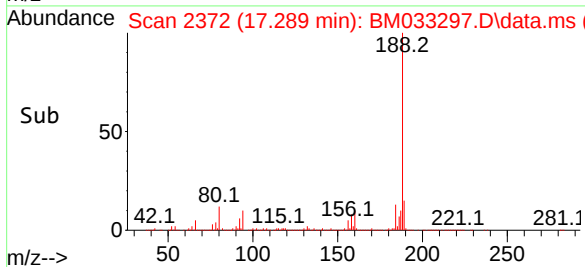
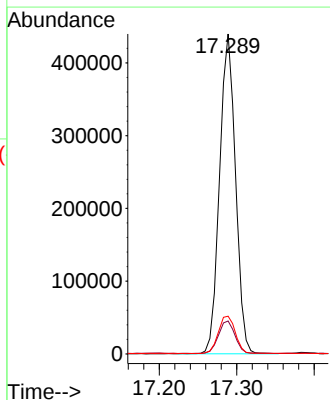
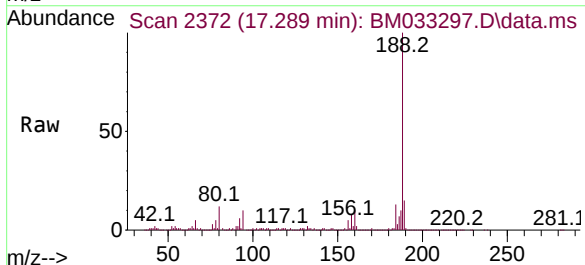
Instrument :
 BNA_M
 ClientSampleId :
 MW-23

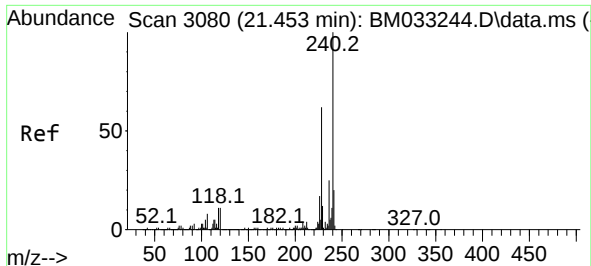
Tgt Ion:166 Resp: 56165
 Ion Ratio Lower Upper
 166 100
 165 94.8 79.3 118.9
 167 13.9 10.6 16.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.289 min Scan# 2372
 Delta R.T. -0.006 min
 Lab File: BM033297.D
 Acq: 03 Dec 2021 21:38

Tgt Ion:188 Resp: 628315
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.3 9.5#
 80 11.8 7.3 10.9#

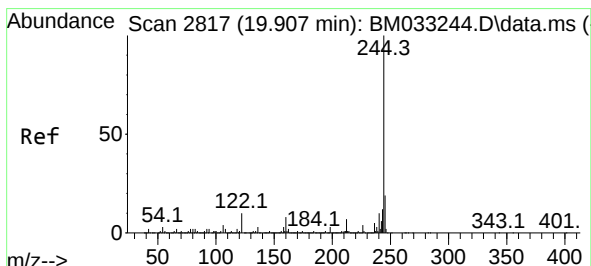
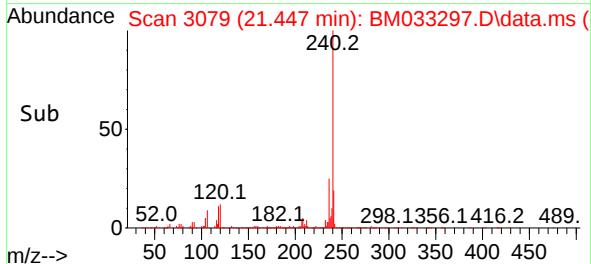
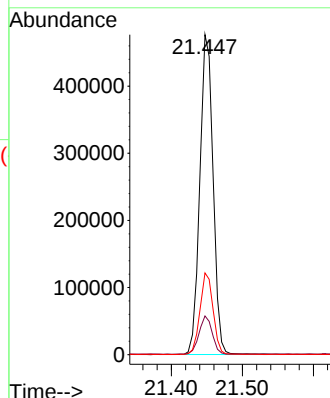
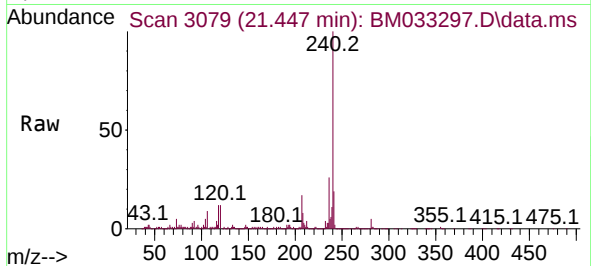




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

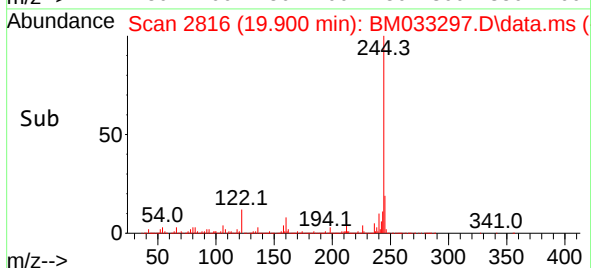
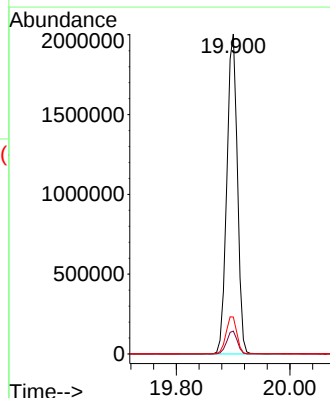
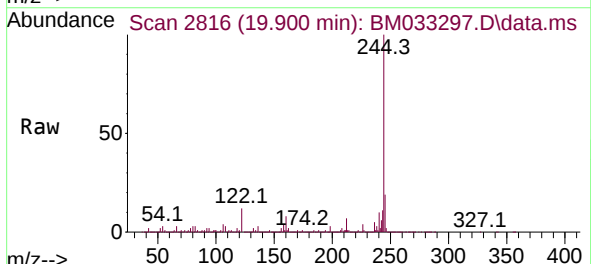
Instrument :
BNA_M
ClientSampleId :
MW-23

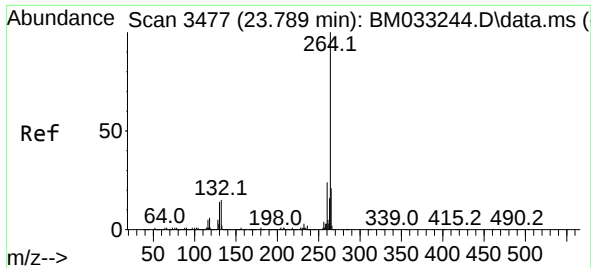
Tgt Ion:240 Resp: 619183
Ion Ratio Lower Upper
240 100
120 12.1 7.8 11.6#
236 25.6 20.9 31.3



#79
Terphenyl-d14
Concen: 82.858 ng
RT: 19.900 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Tgt Ion:244 Resp: 2594532
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 11.6 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.782 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM033297.D
Acq: 03 Dec 2021 21:38

Instrument :
BNA_M
ClientSampleId :
MW-23

Tgt Ion:264 Resp: 629009

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	22.3	18.3	27.5

