

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
 Data File : BM033277.D
 Acq On : 26 Nov 2021 22:28
 Operator : CG/JU
 Sample : M4803-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 261-262

Quant Time: Nov 26 23:25:53 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)

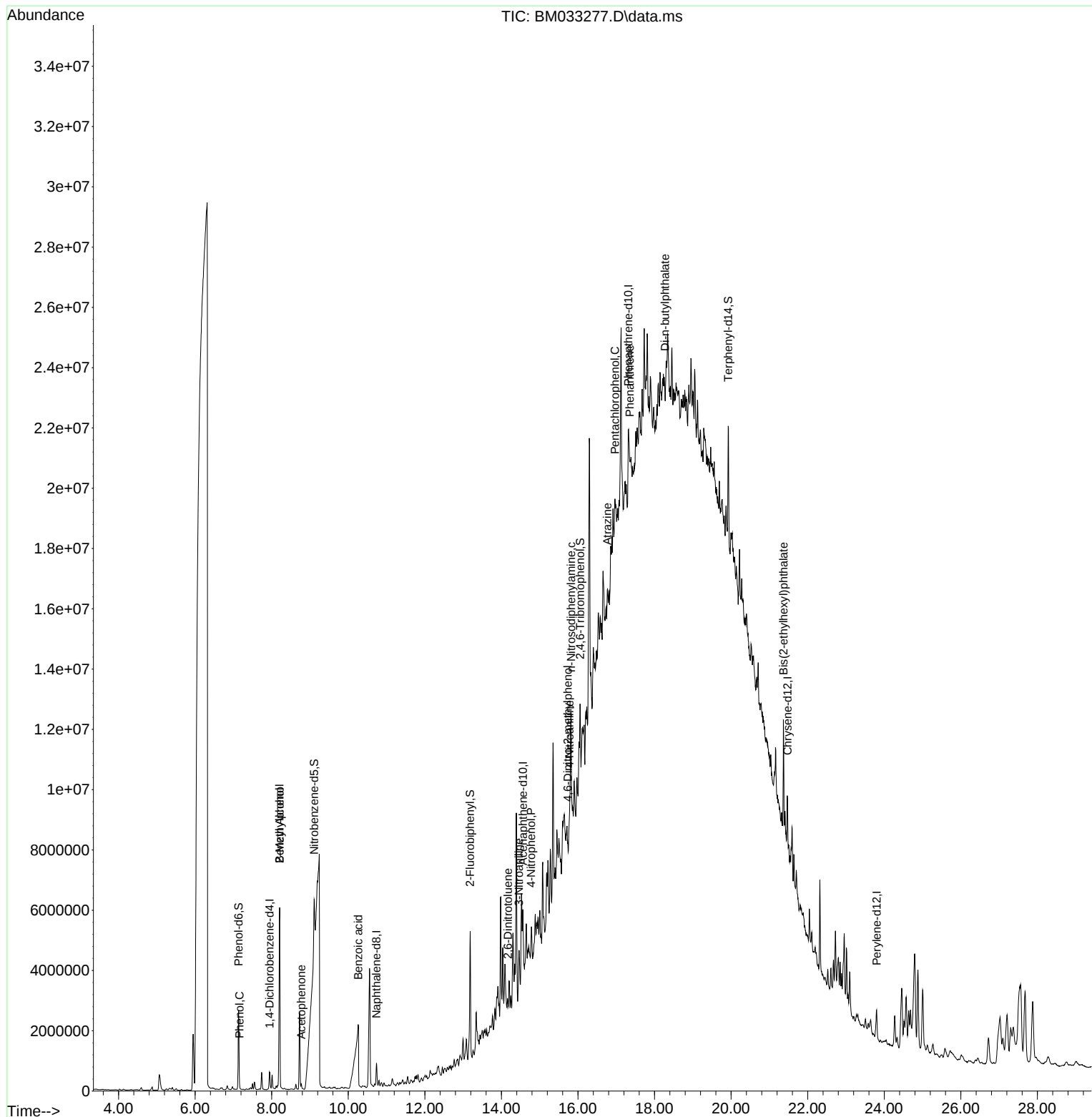
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	145231	20.000	ng	0.01
21) Naphthalene-d8	10.737	136	582138	20.000	ng	# 0.00
39) Acenaphthene-d10	14.560	164	364263	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	576189	20.000	ng	# 0.02
76) Chrysene-d12	21.471	240	582950	20.000	ng	# 0.02
86) Perylene-d12	23.800	264	611282	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	195	0.022	ng	0.16
7) Phenol-d6	7.137	99	1333551	113.220	ng	0.04
23) Nitrobenzene-d5	9.107	82	1036459	82.654	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	387254	97.525	ng	0.01
45) 2-Fluorobiphenyl	13.184	172	2024683	78.389	ng	0.00
79) Terphenyl-d14	19.924	244	2223792	75.432	ng	0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.119	77	12167	Below Cal	#	82
10) Phenol	7.160	94	48862	4.102	ng	94
15) Benzyl Alcohol	8.207	79	2242073	244.598	ng	94
17) 2-Methylphenol	8.207	107	1112058	141.425	ng	# 14
22) Acetophenone	8.772	105	80795	5.393	ng	# 97
32) Benzoic acid	10.260	122	2292251	414.433	ng	92
51) 2,6-Dinitrotoluene	14.172	165	34019	6.564	ng	# 16
53) 3-Nitroaniline	14.460	138	54439	9.857	ng	# 18
56) 4-Nitrophenol	14.778	139	17936	4.052	ng	# 1
62) 4-Nitroaniline	15.777	138	14506	2.533	ng	88
65) 4,6-Dinitro-2-methylph...	15.736	198	8477	2.840	ng	# 1
66) n-Nitrosodiphenylamine	15.819	169	134852	7.977	ng	# 49
69) Atrazine	16.766	200	7938	2.248	ng	# 1
70) Pentachlorophenol	16.966	266	63944	16.414	ng	95
71) Phenanthrene	17.354	178	195814	6.183	ng	# 23
74) Di-n-butylphthalate	18.271	149	81483	2.581	ng	# 45
84) Bis(2-ethylhexyl)phtha...	21.365	149	1176382	58.199	ng	92

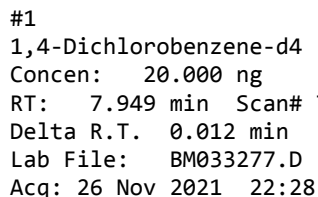
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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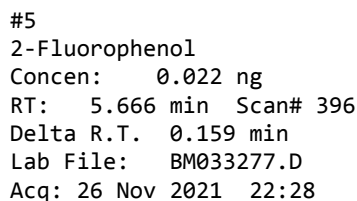
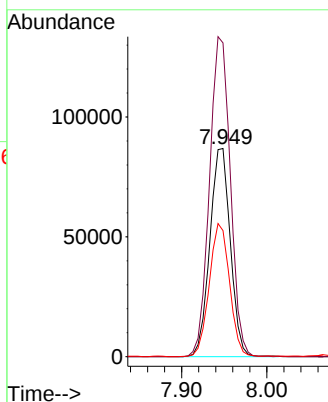
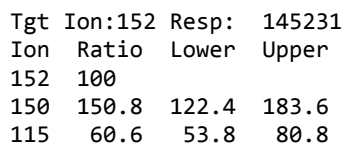
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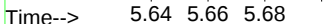
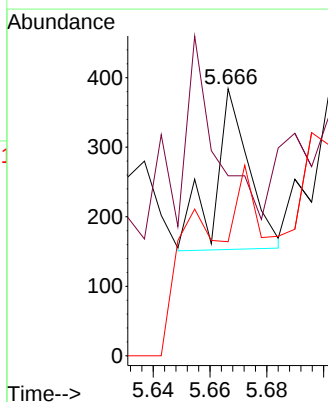


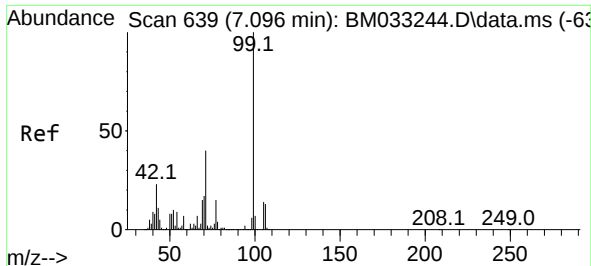


Instrument :
BNA_M
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Tgt	Ion:112	Resp:	195
Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.7	80.5
63	42.7	33.9	50.9

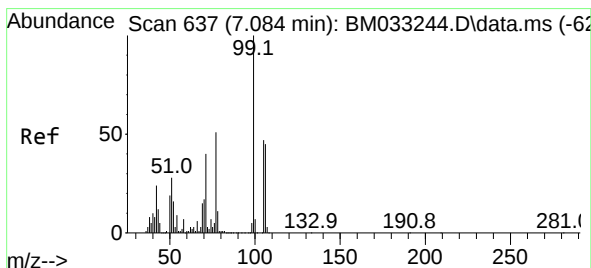
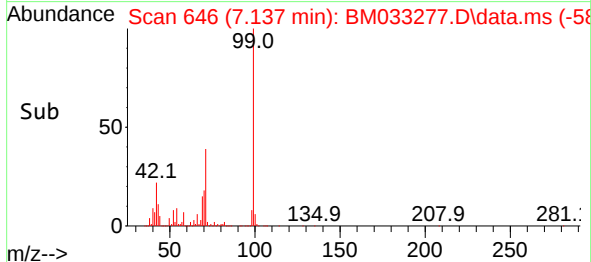
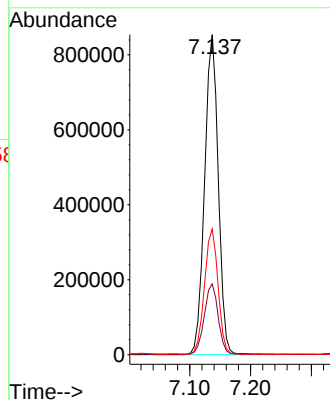
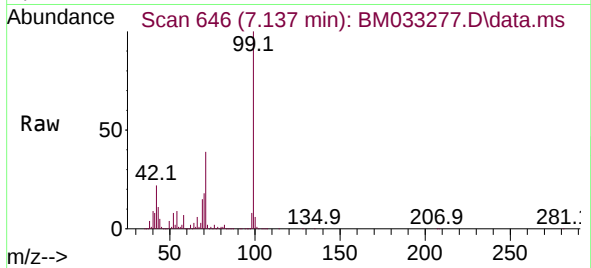




#7
Phenol-d6
Concen: 113.220 ng
RT: 7.137 min Scan# 646
Delta R.T. 0.041 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

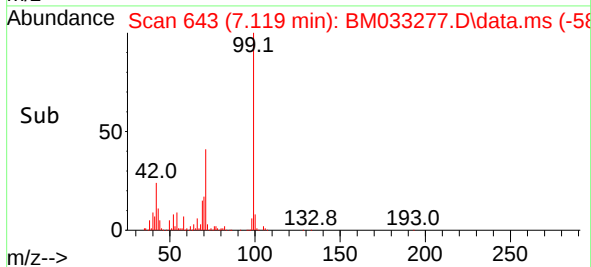
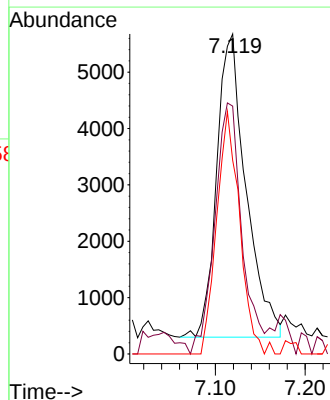
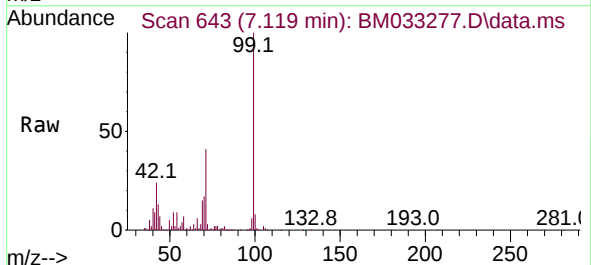
Instrument :
BNA_M
ClientSampleId :
261-262

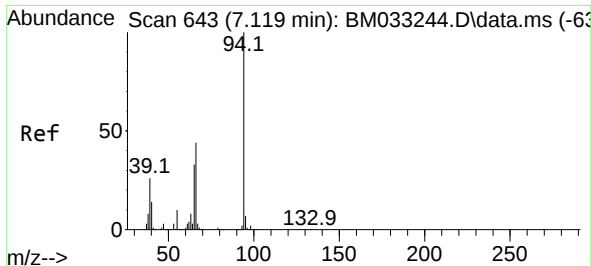
Tgt Ion: 99 Resp: 1333551
Ion Ratio Lower Upper
99 100
42 22.1 23.0 34.6#
71 39.2 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.119 min Scan# 643
Delta R.T. 0.035 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

Tgt Ion: 77 Resp: 12167
Ion Ratio Lower Upper
77 100
105 77.4 68.9 108.9
106 60.5 61.2 101.2#

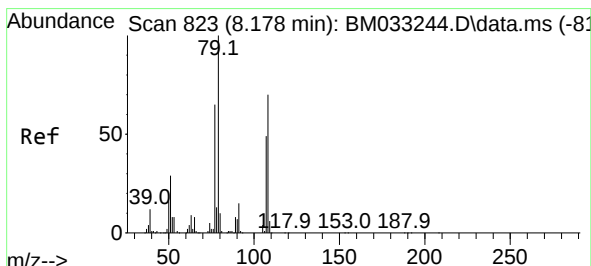
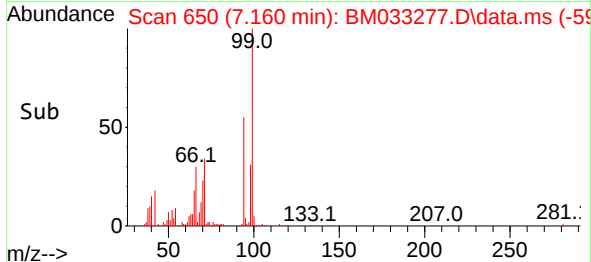
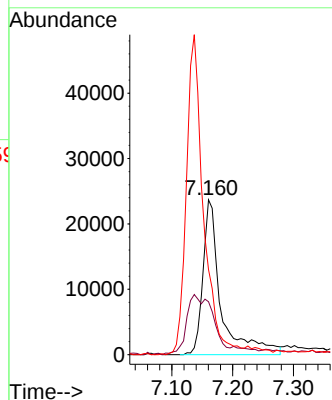
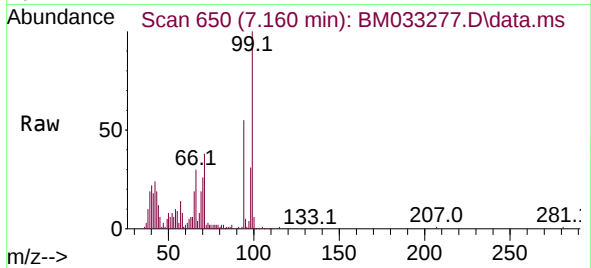




#10
Phenol
Concen: 4.102 ng
RT: 7.160 min Scan# 61
Delta R.T. 0.041 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

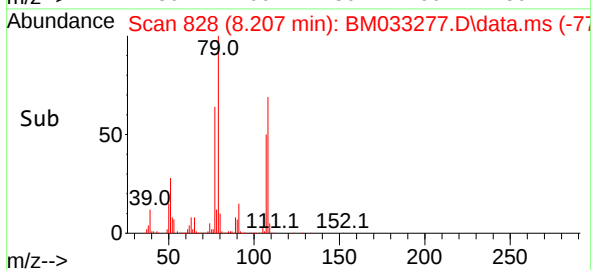
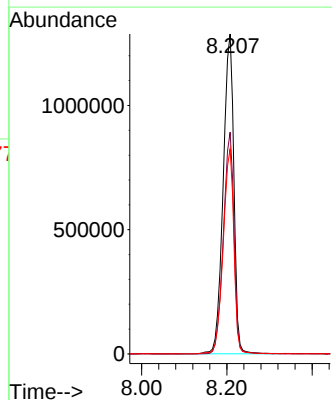
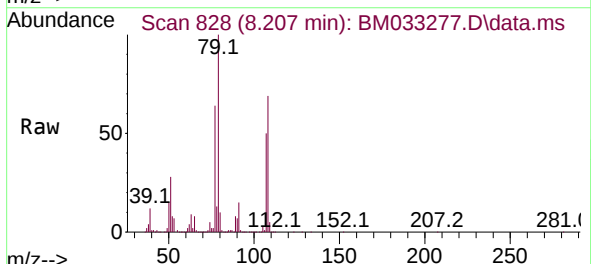
Instrument :
BNA_M
ClientSampleId :
261-262

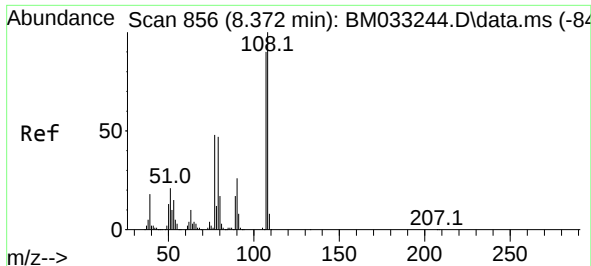
Tgt Ion: 94 Resp: 48862
Ion Ratio Lower Upper
94 100
65 34.2 16.9 56.9
66 55.0 30.0 70.0



#15
Benzyl Alcohol
Concen: 244.598 ng
RT: 8.207 min Scan# 828
Delta R.T. 0.029 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

Tgt Ion: 79 Resp: 2242073
Ion Ratio Lower Upper
79 100
108 69.3 53.6 80.4
77 64.0 57.7 86.5

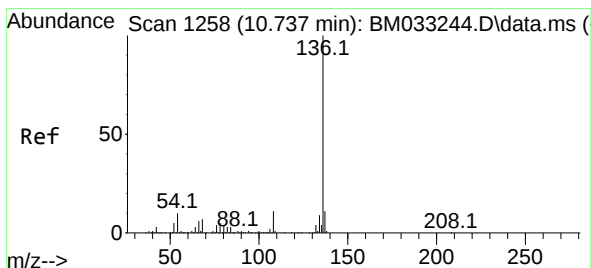
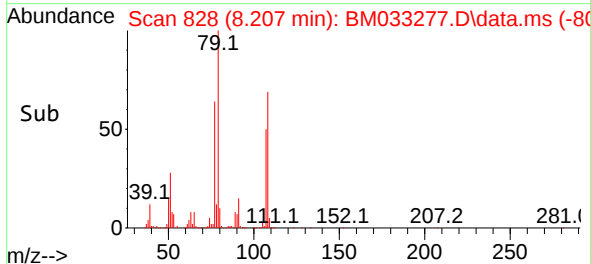
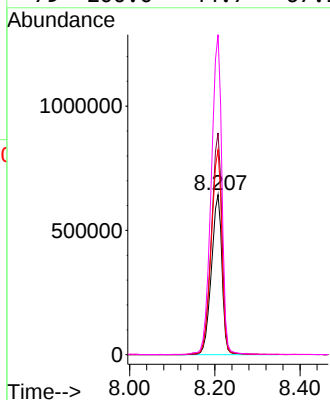
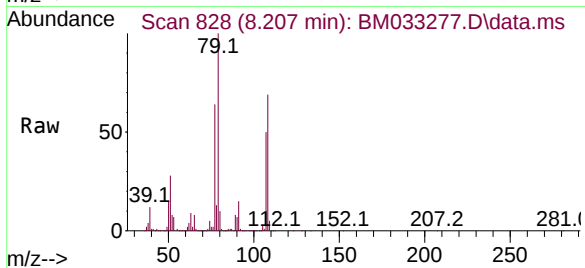




#17
2-Methylphenol
Concen: 141.425 ng
RT: 8.207 min Scan# 81
Delta R.T. -0.165 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

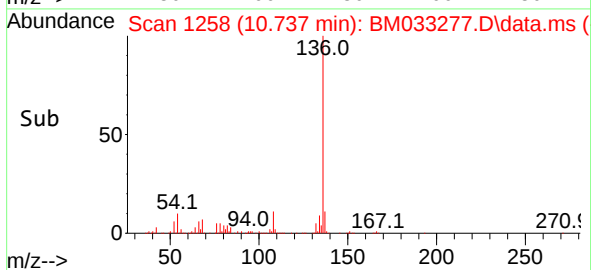
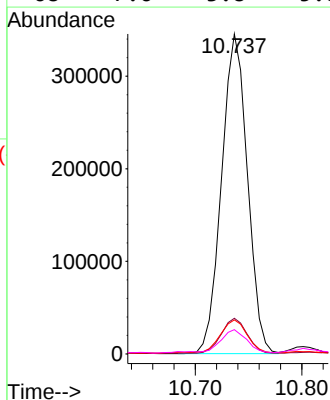
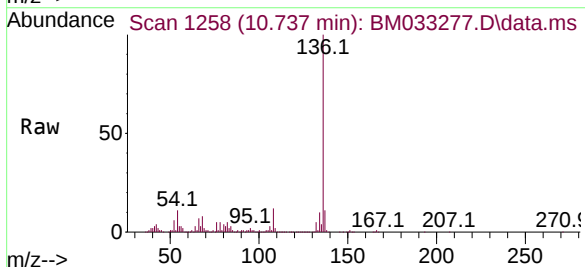
Instrument :
BNA_M
ClientSampleId :
261-262

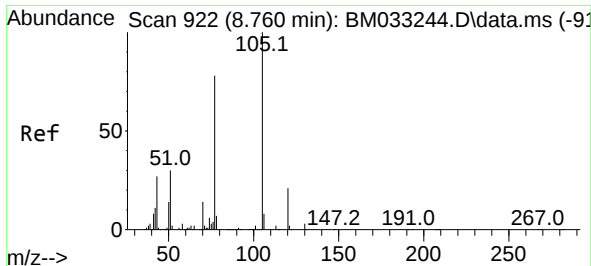
Tgt Ion:107 Resp: 1112058
Ion Ratio Lower Upper
107 100
108 138.6 87.9 131.9#
77 128.1 48.2 72.2#
79 200.0 44.7 67.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

Tgt Ion:136 Resp: 582138
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 10.7 7.4 11.0
68 7.6 3.8 5.8#

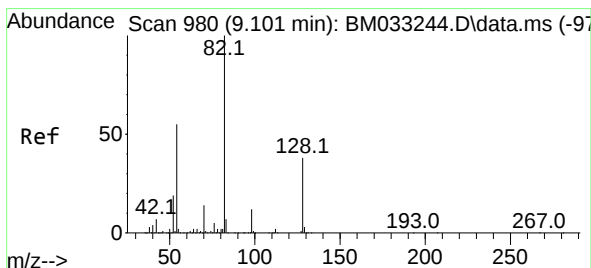
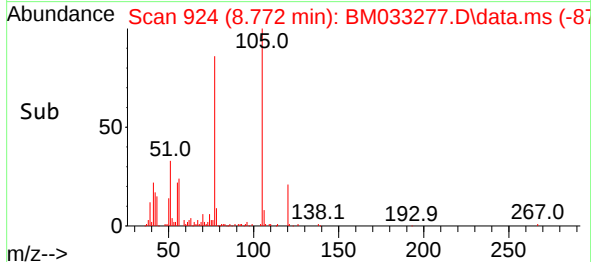
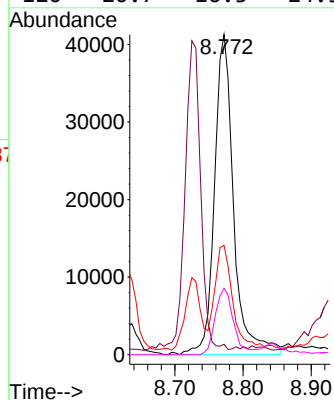
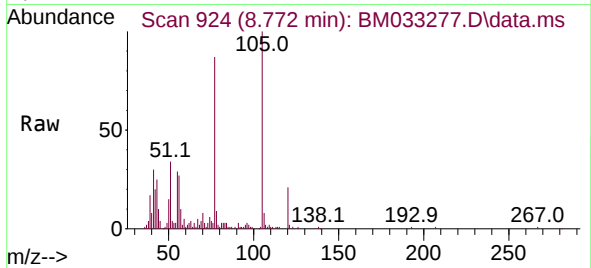




#22
Acetophenone
Concen: 5.393 ng
RT: 8.772 min Scan# 91
Delta R.T. 0.012 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

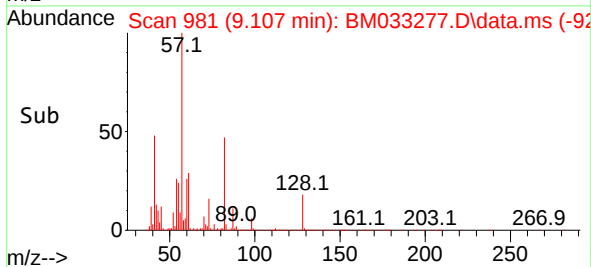
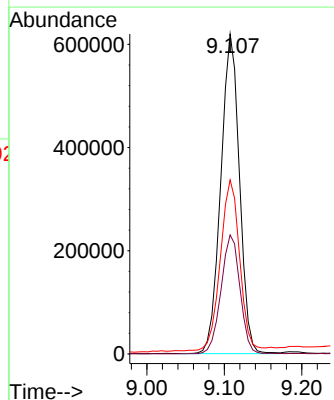
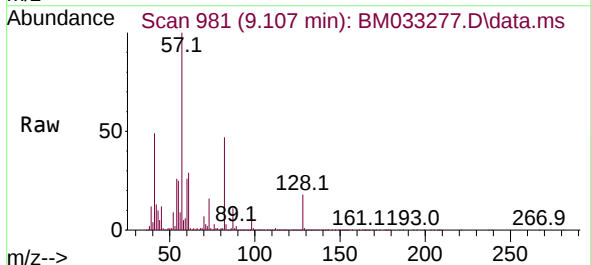
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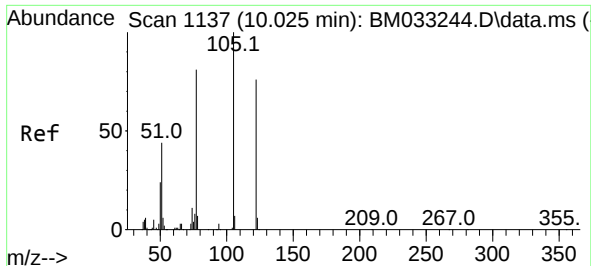
Tgt Ion:105 Resp: 80795
Ion Ratio Lower Upper
105 100
71 3.2 3.8 5.6#
51 34.1 29.5 44.3
120 20.7 16.3 24.5



#23
Nitrobenzene-d5
Concen: 82.654 ng
RT: 9.107 min Scan# 981
Delta R.T. 0.006 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

Tgt Ion: 82 Resp: 1036459
Ion Ratio Lower Upper
82 100
128 37.2 29.0 43.6
54 54.4 45.8 68.8

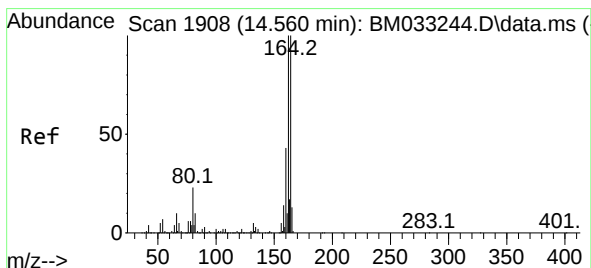
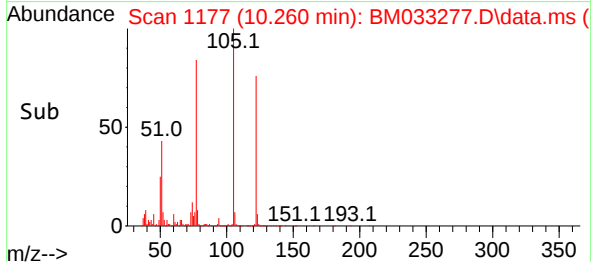
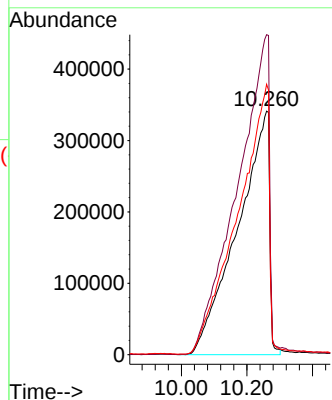
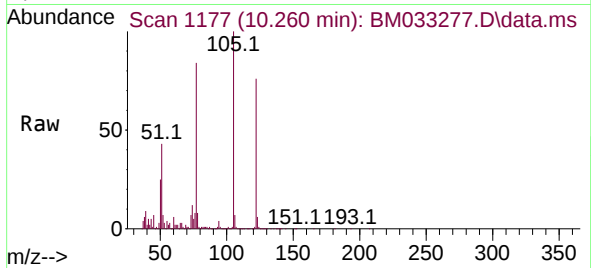




#32
Benzoic acid
Concen: 414.433 ng
RT: 10.260 min Scan# 1137
Delta R.T. 0.235 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

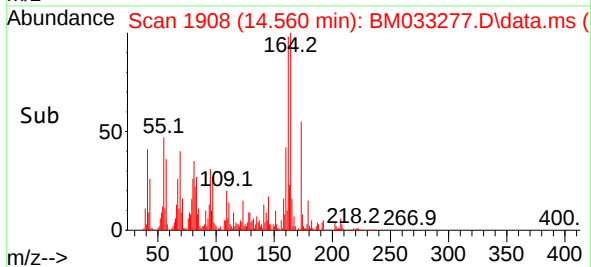
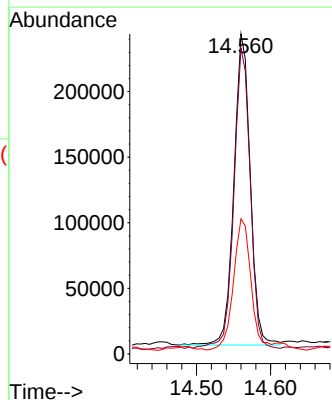
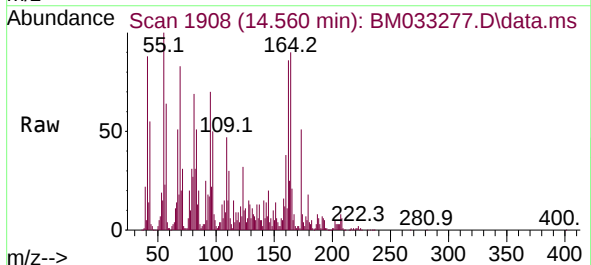
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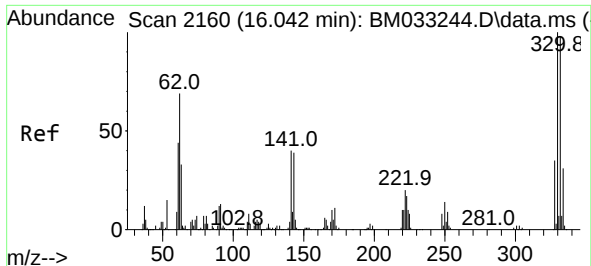
Tgt Ion:122 Resp: 2292251
Ion Ratio Lower Upper
122 100
105 131.4 120.3 160.3
77 111.1 100.0 140.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

Tgt Ion:164 Resp: 364263
Ion Ratio Lower Upper
164 100
162 95.6 80.6 121.0
160 42.2 35.1 52.7

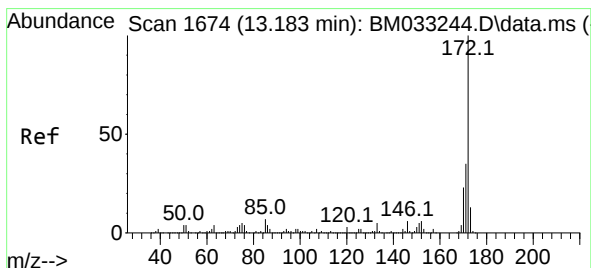
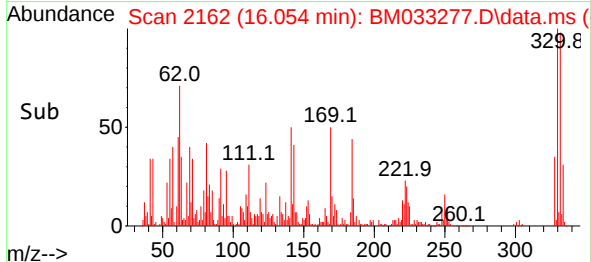
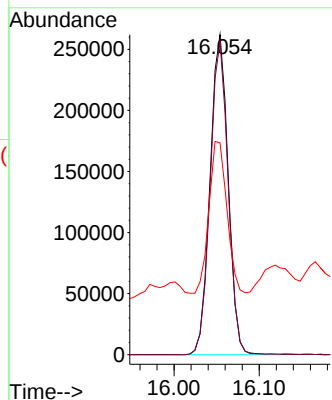
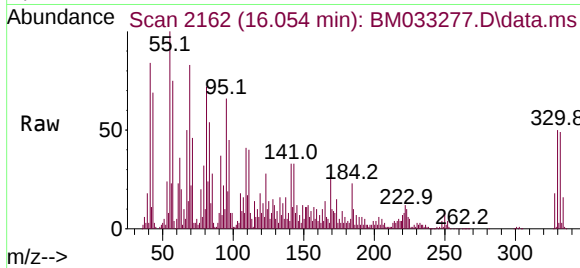




#42
2,4,6-Tribromophenol
Concen: 97.525 ng
RT: 16.054 min Scan# 2160
Delta R.T. 0.012 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

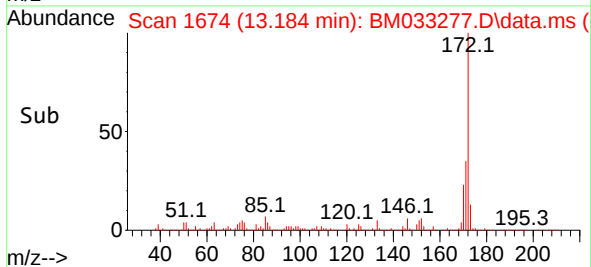
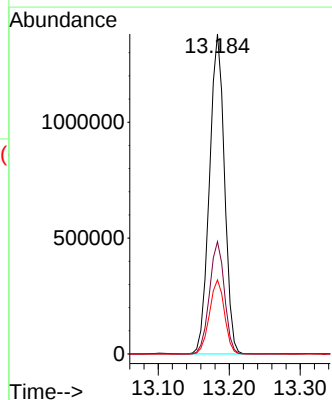
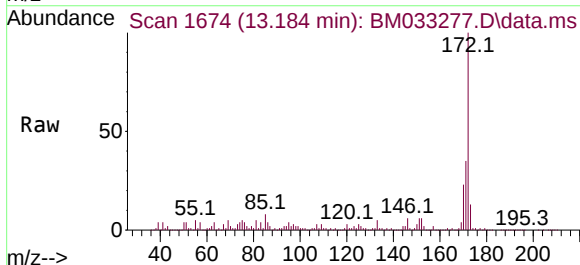
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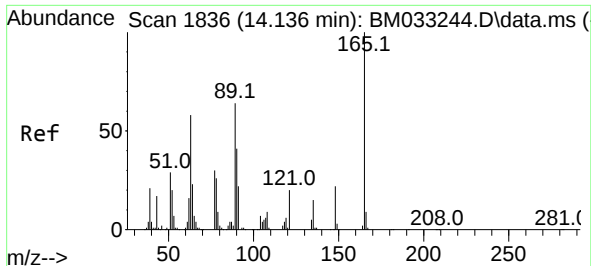
Tgt Ion:330 Resp: 387254
Ion Ratio Lower Upper
330 100
332 96.6 75.7 113.5
141 46.9 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 78.389 ng
RT: 13.184 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

Tgt Ion:172 Resp: 2024683
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.2 18.6 27.8

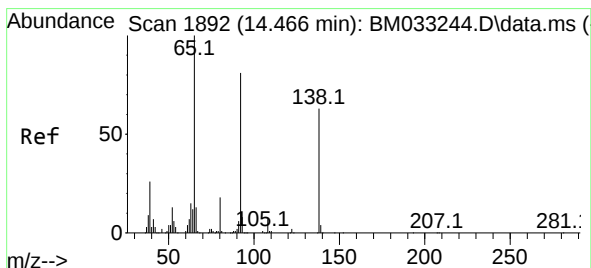
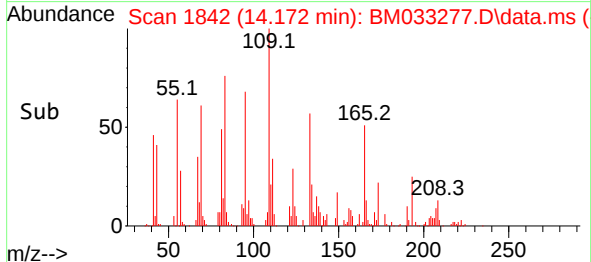
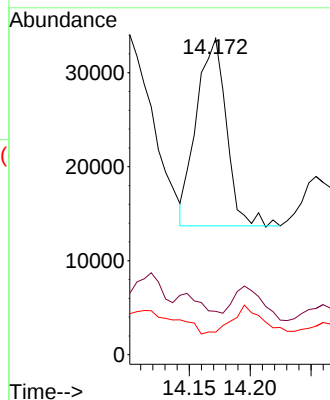
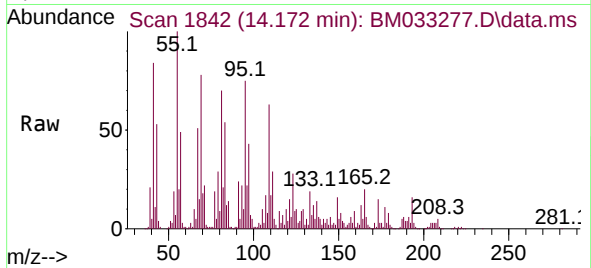




#51
2,6-Dinitrotoluene
Concen: 6.564 ng
RT: 14.172 min Scan# 1842
Delta R.T. 0.035 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

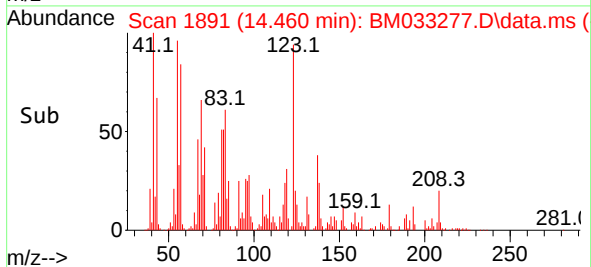
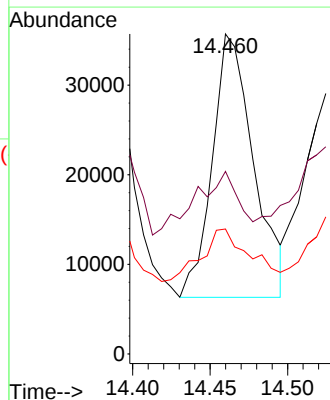
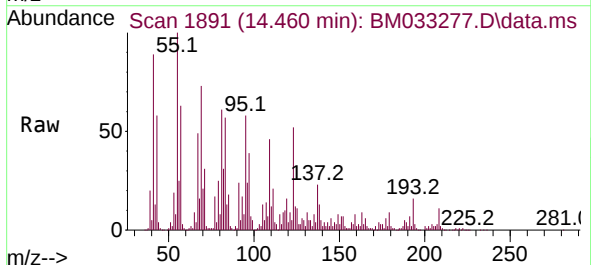
Instrument :
BNA_M
ClientSampleId :
261-262

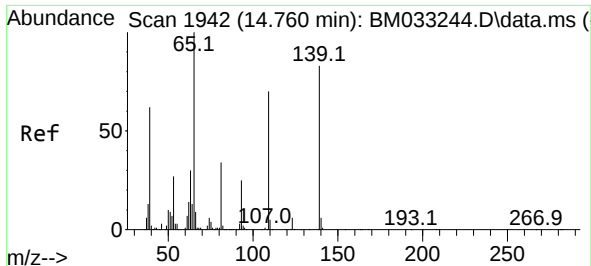
Tgt Ion:165 Resp: 34019
Ion Ratio Lower Upper
165 100
63 13.7 72.4 108.6#
89 7.1 69.3 103.9#



#53
3-Nitroaniline
Concen: 9.857 ng
RT: 14.460 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

Tgt Ion:138 Resp: 54439
Ion Ratio Lower Upper
138 100
108 57.1 8.3 12.5#
92 39.0 105.2 157.8#

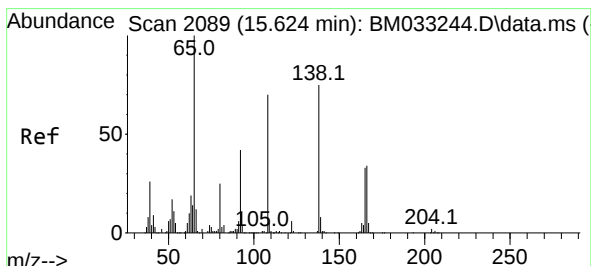
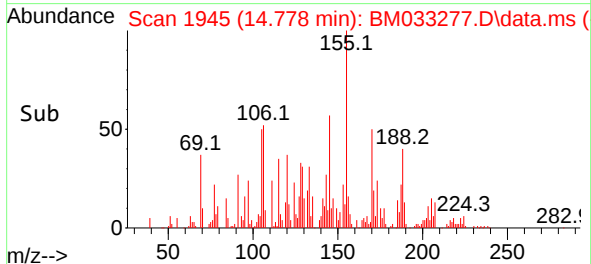
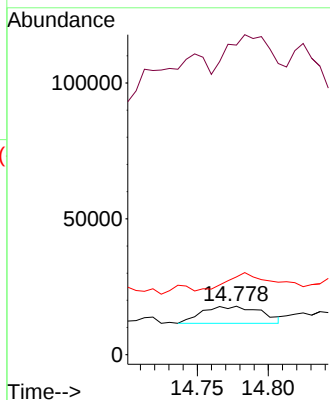
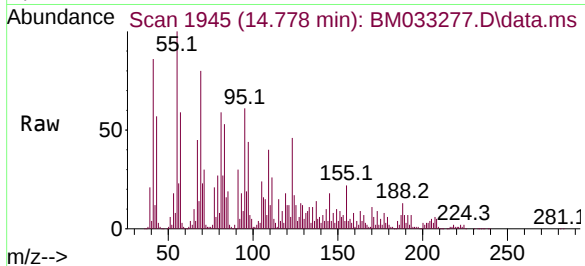




#56
4-Nitrophenol
Concen: 4.052 ng
RT: 14.778 min Scan# 1115
Delta R.T. 0.018 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

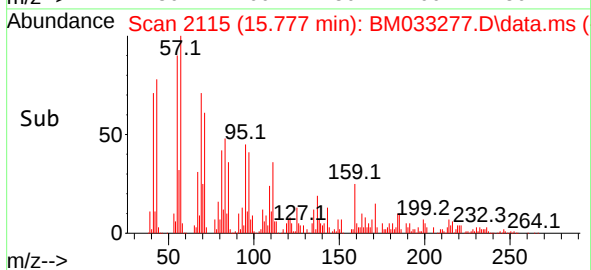
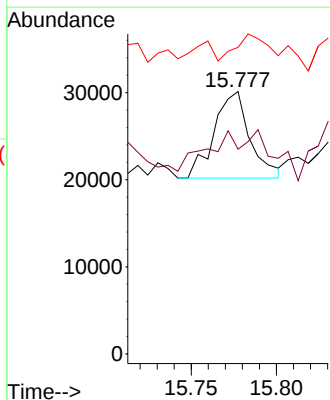
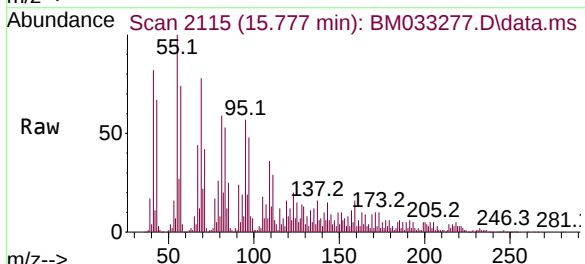
Instrument :
BNA_M
ClientSampleId :
261-262

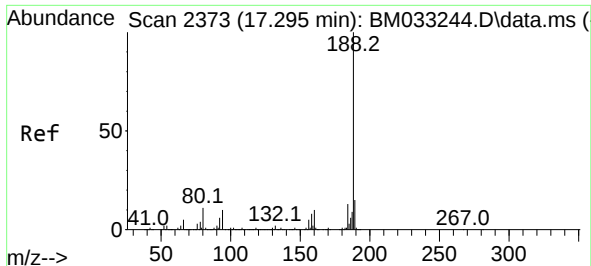
Tgt Ion:139 Resp: 17936
Ion Ratio Lower Upper
139 100
109 637.6 92.3 132.3#
65 160.1 110.5 150.5#



#62
4-Nitroaniline
Concen: 2.533 ng
RT: 15.777 min Scan# 2115
Delta R.T. 0.153 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

Tgt Ion:138 Resp: 14506
Ion Ratio Lower Upper
138 100
92 78.0 40.6 80.6
108 116.8 103.8 143.8

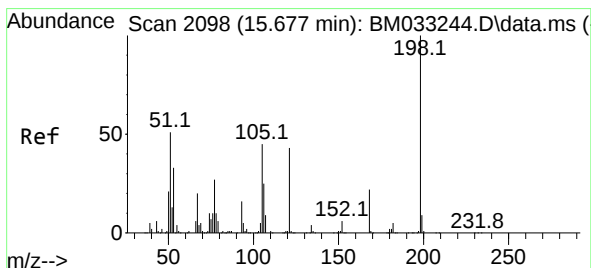
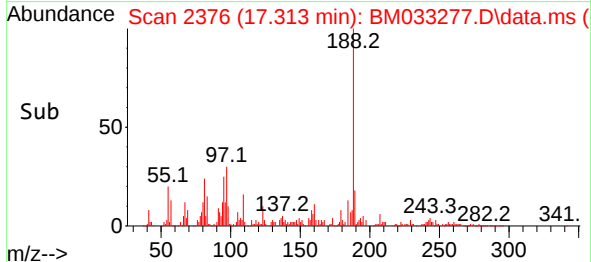
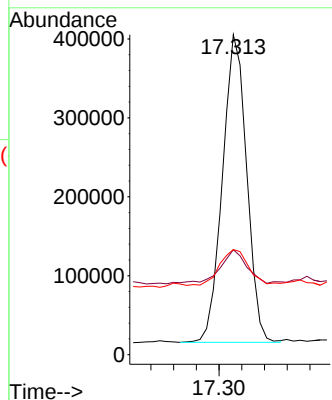
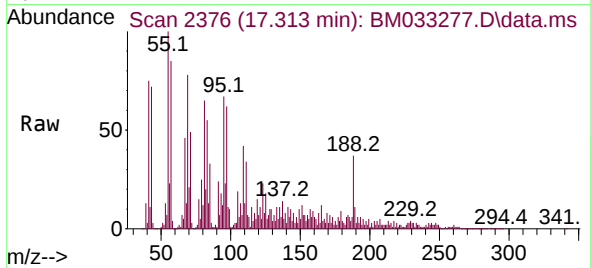




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2108
Delta R.T. 0.018 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

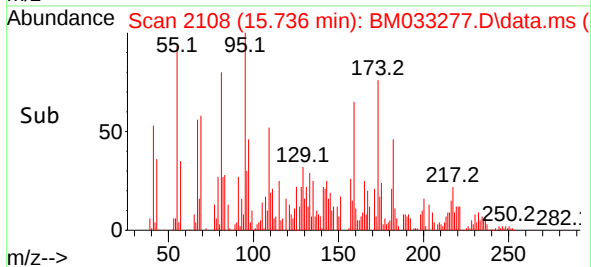
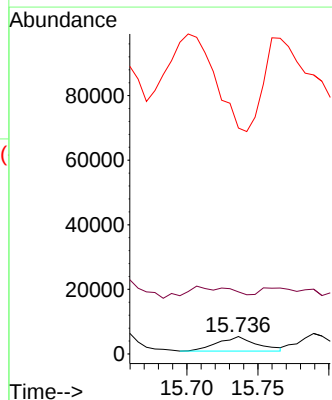
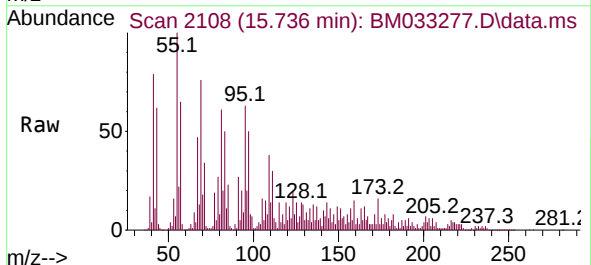
Instrument :
BNA_M
ClientSampleId :
261-262

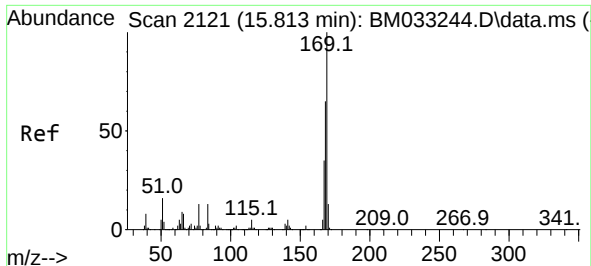
Tgt Ion:188 Resp: 576189
Ion Ratio Lower Upper
188 100
94 32.8 6.3 9.5#
80 32.8 7.3 10.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 2.840 ng
RT: 15.736 min Scan# 2108
Delta R.T. 0.059 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

Tgt Ion:198 Resp: 8477
Ion Ratio Lower Upper
198 100
51 354.6 49.7 89.7#
105 1290.4 34.9 74.9#

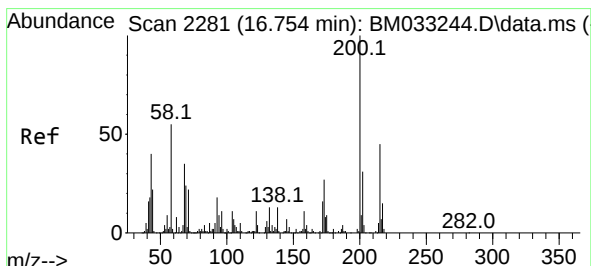
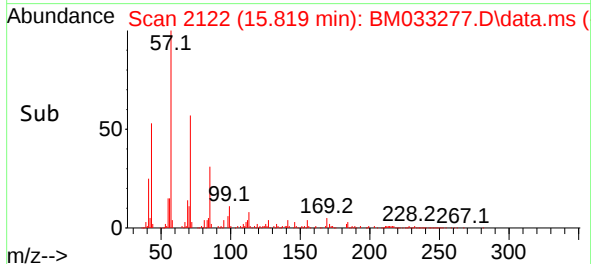
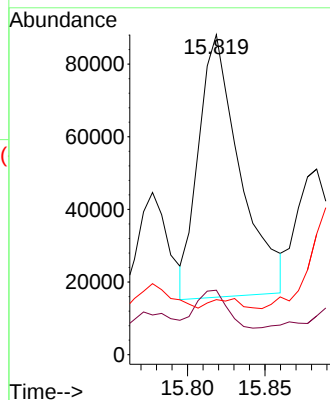
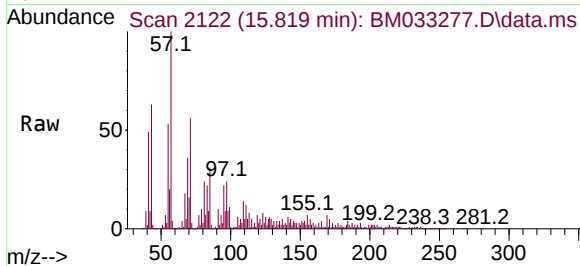




#66
n-Nitrosodiphenylamine
Concen: 7.977 ng
RT: 15.819 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

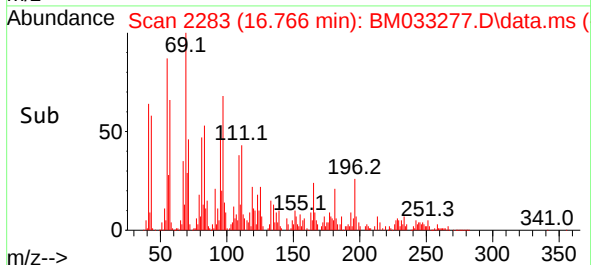
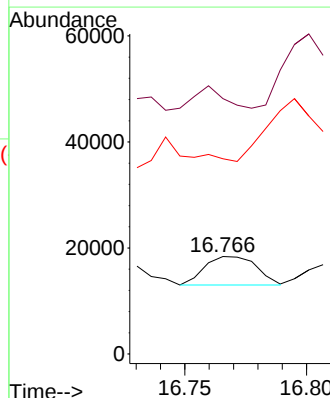
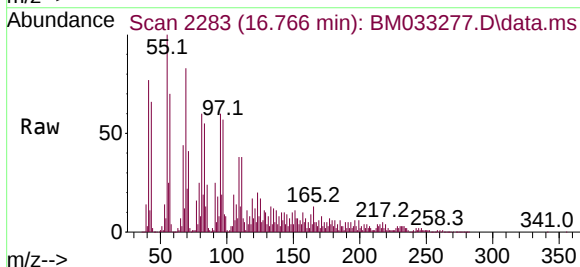
Instrument :
BNA_M
ClientSampleId :
261-262

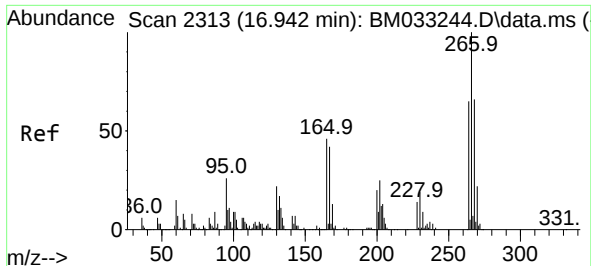
Tgt Ion:169 Resp: 134852
Ion Ratio Lower Upper
169 100
168 20.2 55.0 82.4#
167 17.2 29.8 44.8#



#69
Atrazine
Concen: 2.248 ng
RT: 16.766 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

Tgt Ion:200 Resp: 7938
Ion Ratio Lower Upper
200 100
173 262.2 5.8 45.8#
215 200.5 23.6 63.6#

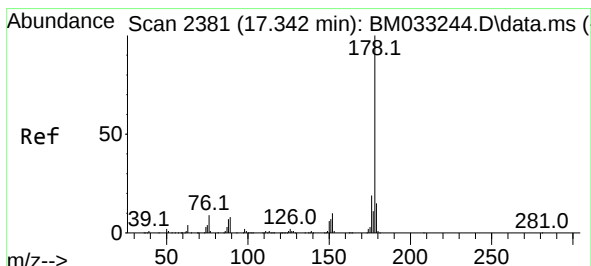
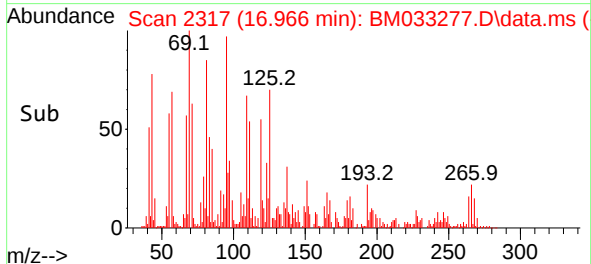
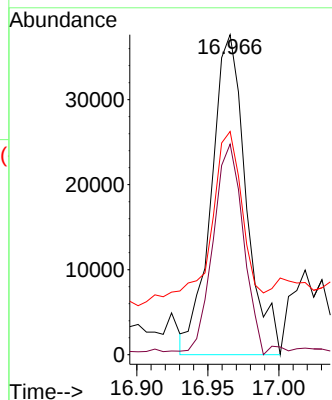
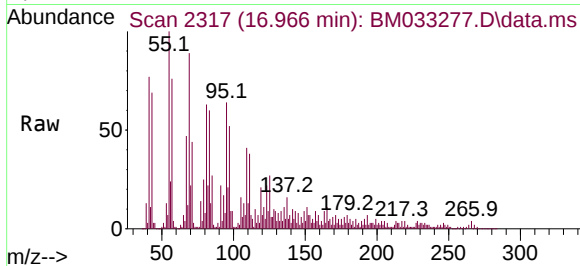




#70
 Pentachlorophenol
 Concen: 16.414 ng
 RT: 16.966 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BM033277.D
 Acq: 26 Nov 2021 22:28

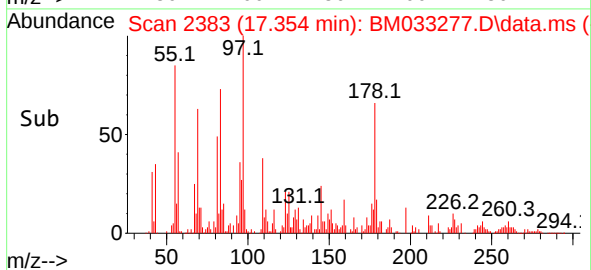
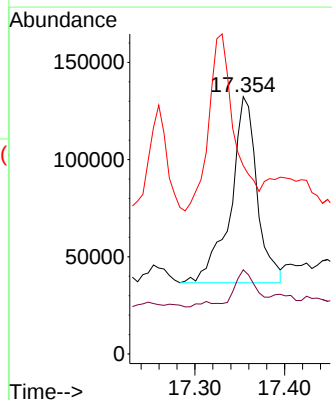
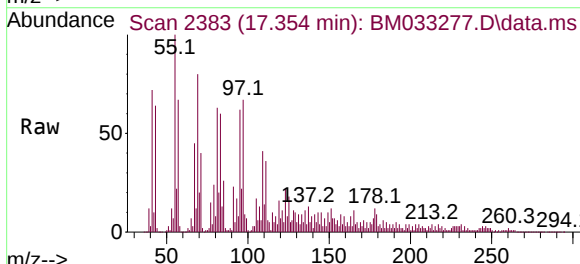
Instrument :
 BNA_M
 ClientSampleId :
 261-262

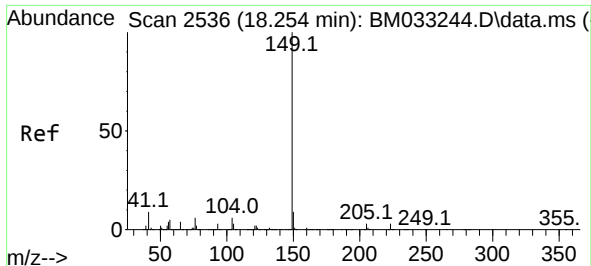
Tgt Ion:266 Resp: 63944
 Ion Ratio Lower Upper
 266 100
 268 65.8 50.3 75.5
 264 69.7 52.1 78.1



#71
 Phenanthrene
 Concen: 6.183 ng
 RT: 17.354 min Scan# 2383
 Delta R.T. 0.012 min
 Lab File: BM033277.D
 Acq: 26 Nov 2021 22:28

Tgt Ion:178 Resp: 195814
 Ion Ratio Lower Upper
 178 100
 176 32.7 15.6 23.4#
 179 73.2 12.4 18.6#

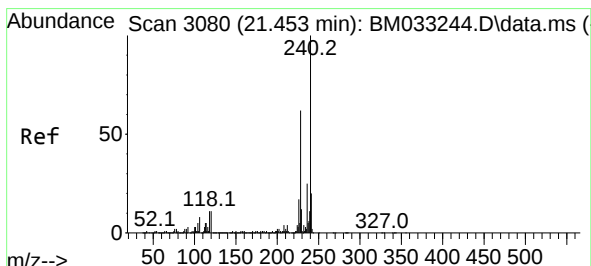
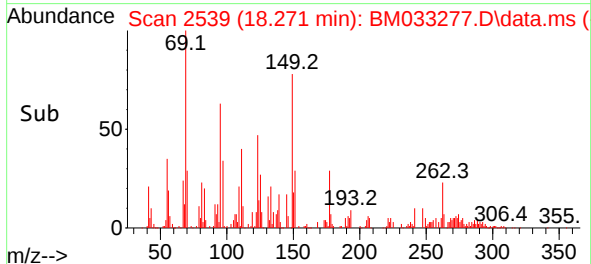
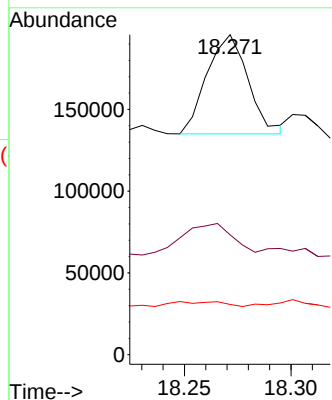
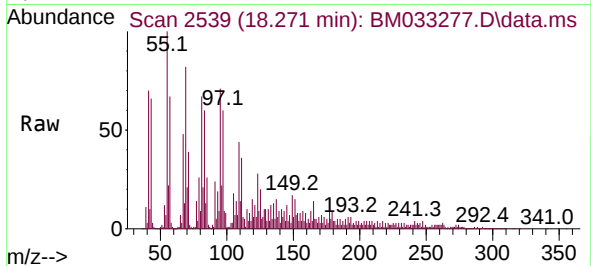




#74
Di-n-butylphthalate
Concen: 2.581 ng
RT: 18.271 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

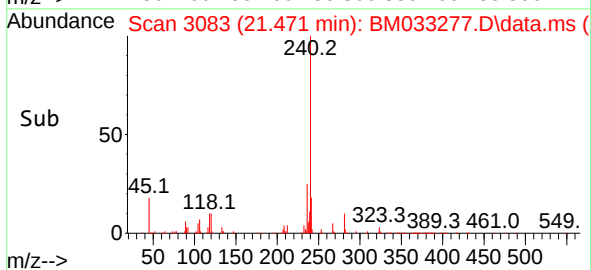
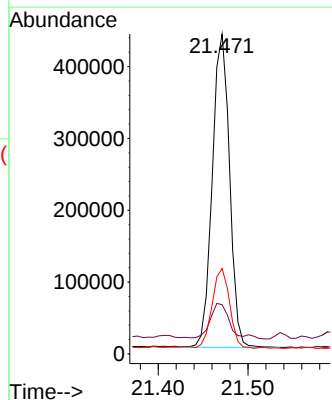
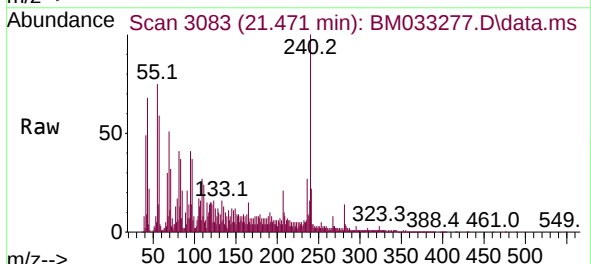
Instrument :
BNA_M
ClientSampleId :
261-262

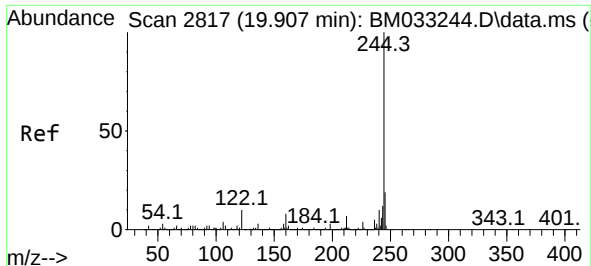
Tgt Ion:149 Resp: 81483
Ion Ratio Lower Upper
149 100
150 37.4 7.3 10.9#
104 15.7 5.6 8.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.471 min Scan# 3083
Delta R.T. 0.018 min
Lab File: BM033277.D
Acq: 26 Nov 2021 22:28

Tgt Ion:240 Resp: 582950
Ion Ratio Lower Upper
240 100
120 15.4 7.8 11.6#
236 26.8 20.9 31.3

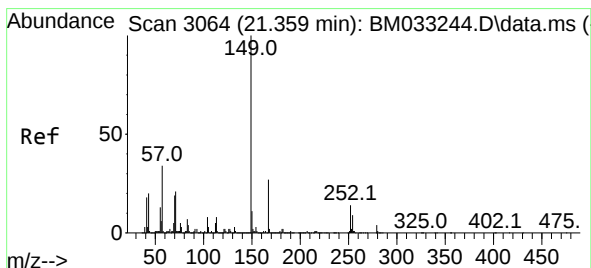
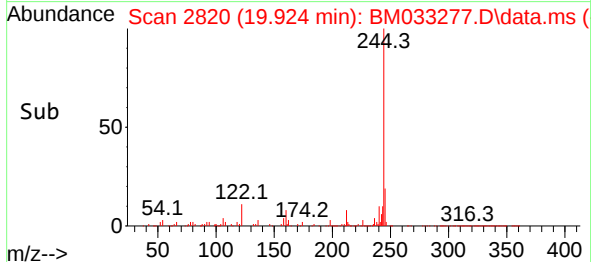
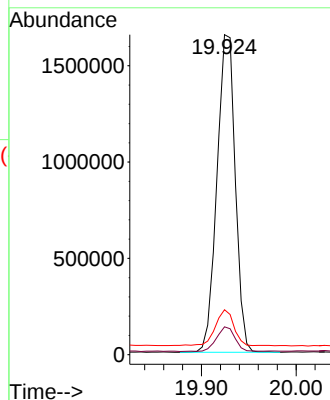
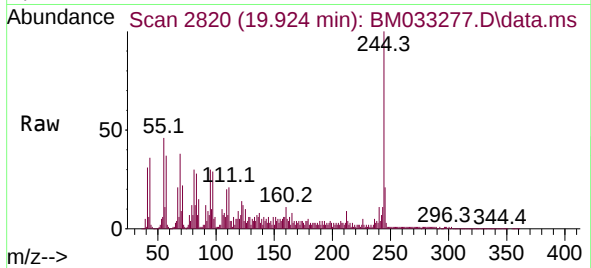




#79
 Terphenyl-d14
 Concen: 75.432 ng
 RT: 19.924 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BM033277.D
 Acq: 26 Nov 2021 22:28

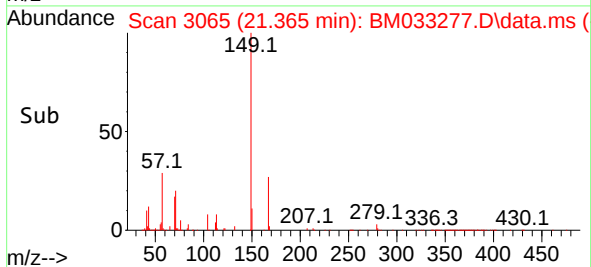
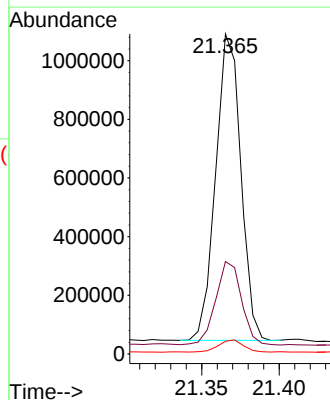
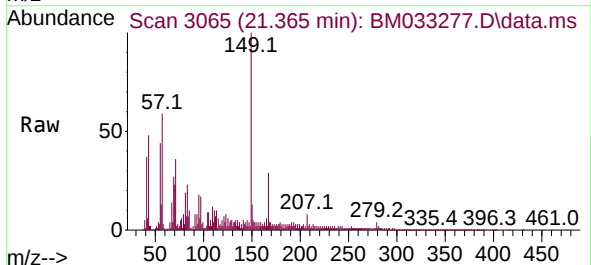
Instrument :
 BNA_M
 ClientSampleId :
 261-262

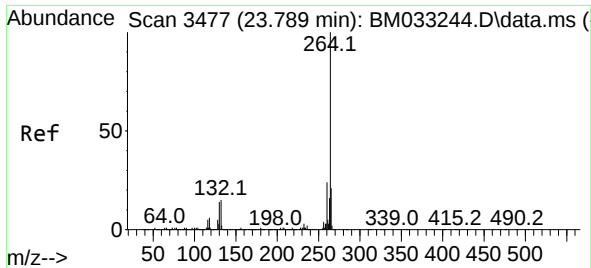
Tgt Ion:244 Resp: 2223792
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.5 9.7
 122 14.1 8.7 13.1#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.199 ng
 RT: 21.365 min Scan# 3065
 Delta R.T. 0.006 min
 Lab File: BM033277.D
 Acq: 26 Nov 2021 22:28

Tgt Ion:149 Resp: 1176382
 Ion Ratio Lower Upper
 149 100
 167 28.9 19.7 29.5
 279 3.9 2.6 4.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.800 min Scan# 34
 Delta R.T. 0.012 min
 Lab File: BM033277.D
 Acq: 26 Nov 2021 22:28

Instrument :
 BNA_M
 ClientSampleId :
 261-262

Tgt Ion:264 Resp: 611282
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 23.4 18.3 27.5

