

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101321\
 Data File : BM032504.D
 Acq On : 13 Oct 2021 20:05
 Operator : CG/JU
 Sample : M4142-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2158

Quant Time: Oct 14 02:32:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 12:02:28 2021
 Response via : Initial Calibration

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

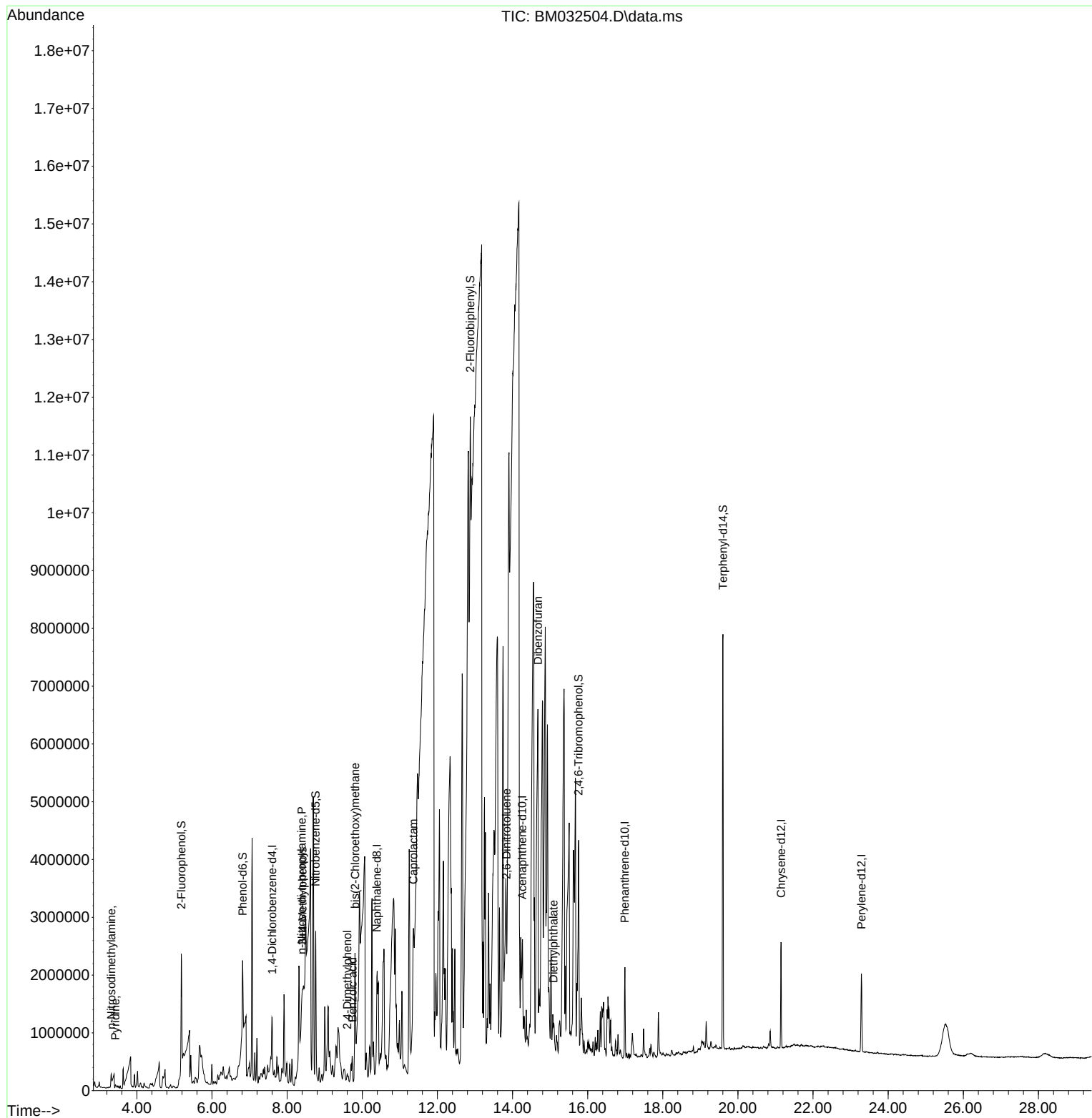
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	208217	20.000	ng	0.00
21) Naphthalene-d8	10.389	136	775425	20.000	ng	# 0.00
39) Acenaphthene-d10	14.260	164	430242	20.000	ng	0.00
64) Phenanthrene-d10	16.989	188	871473	20.000	ng	# 0.00
76) Chrysene-d12	21.147	240	831483	20.000	ng	0.00
86) Perylene-d12	23.289	264	867924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.184	112	941394	76.178	ng	0.00
7) Phenol-d6	6.813	99	755756	44.721	ng	0.01
23) Nitrobenzene-d5	8.760	82	1387284	99.504	ng	0.00
42) 2,4,6-Tribromophenol	15.760	330	690829	143.428	ng	0.02
45) 2-Fluorobiphenyl	12.877	172	2049313	70.820	ng	0.00
79) Terphenyl-d14	19.601	244	3437084	87.057	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.431	79	45526	3.199	ng	92
4) n-Nitrosodimethylamine	3.319	42	13838	2.425	ng	# 33
19) n-Nitroso-di-n-propyla...	8.390	70	67092	7.302	ng	# 59
20) 3+4-Methylphenols	8.407	107	80476	5.425	ng	94
27) 2,4-Dimethylphenol	9.601	122	37920	3.593	ng	94
28) bis(2-Chloroethoxy)met...	9.807	93	72237	4.337	ng	# 1
32) Benzoic acid	9.742	122	3380	5.202	ng	# 76
35) Caprolactam	11.360	113	89083	24.726	ng	# 1
51) 2,6-Dinitrotoluene	13.836	165	189527	30.796	ng	# 8
55) Dibenzofuran	14.677	168	83280	2.194	ng	# 67
60) Diethylphthalate	15.089	149	66001	2.213	ng	# 90

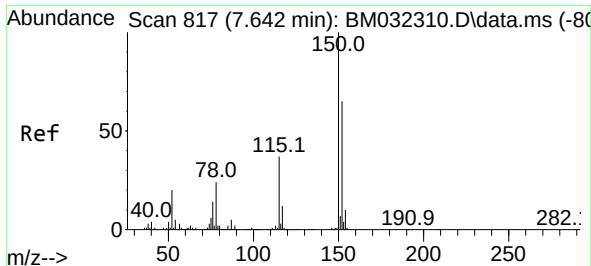
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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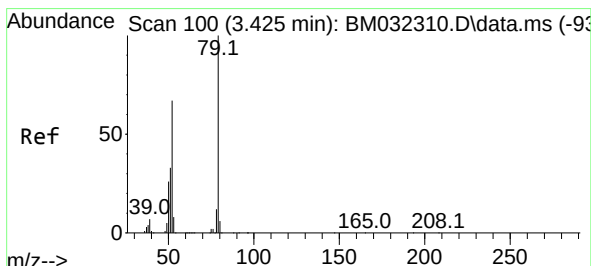
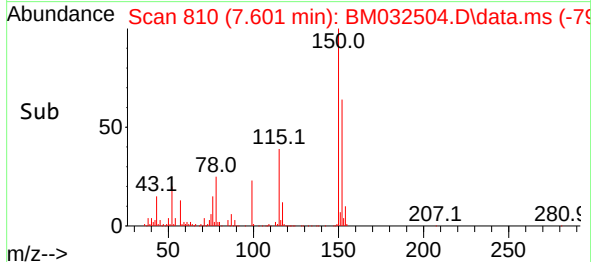
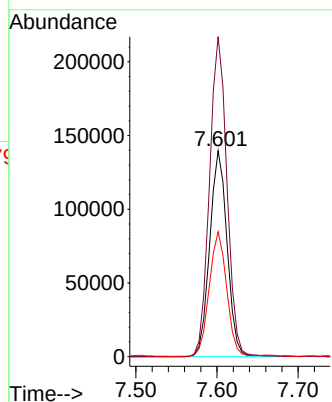
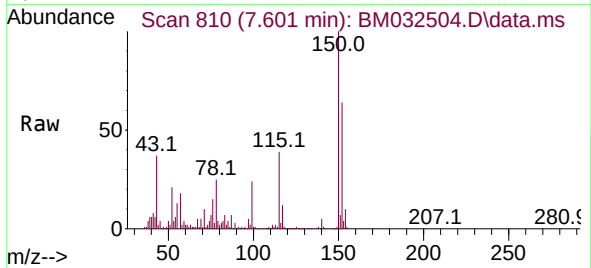




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.601 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

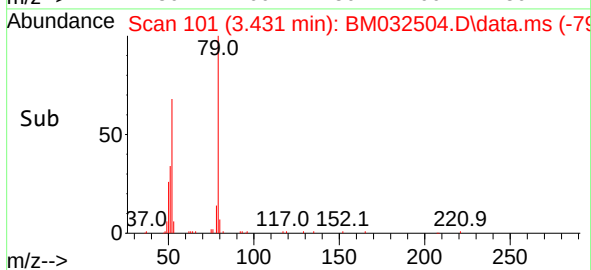
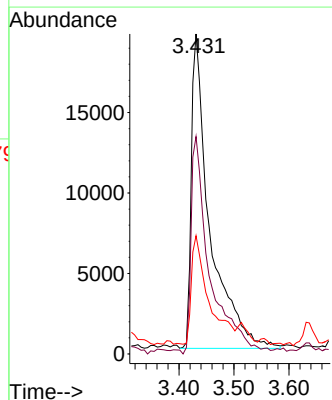
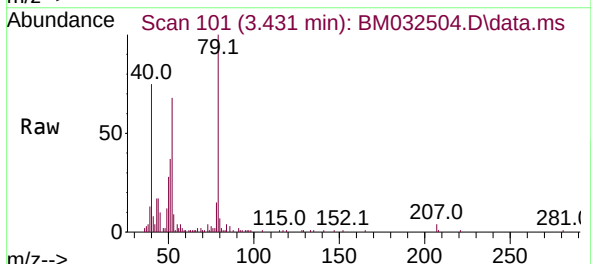
Instrument :
BNA_M
ClientSampled :
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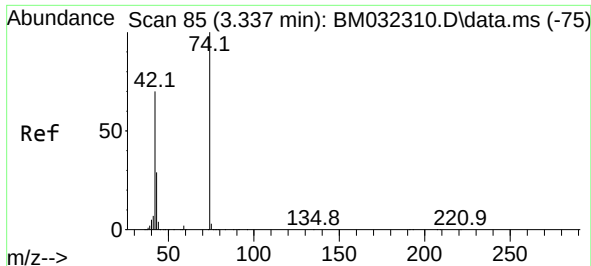
Tgt Ion:152 Resp: 208217
Ion Ratio Lower Upper
152 100
150 155.3 122.4 183.6
115 60.7 53.8 80.8



#3
Pyridine
Concen: 3.199 ng
RT: 3.431 min Scan# 101
Delta R.T. 0.029 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

Tgt Ion: 79 Resp: 45526
Ion Ratio Lower Upper
79 100
52 67.9 48.6 73.0
51 37.0 27.4 41.2

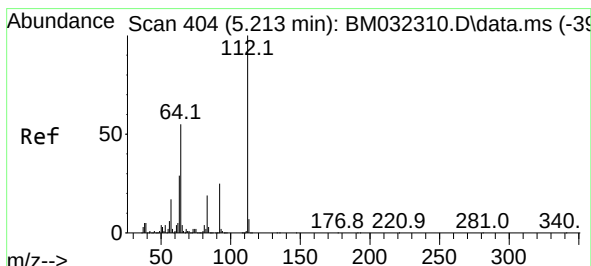
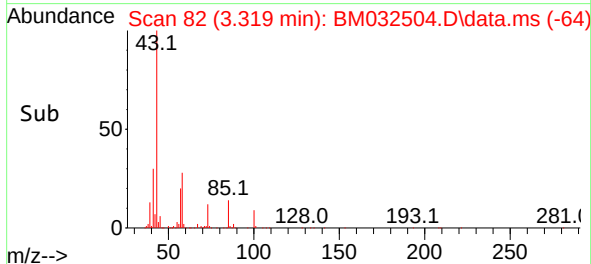
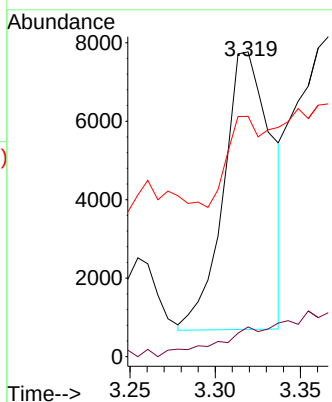
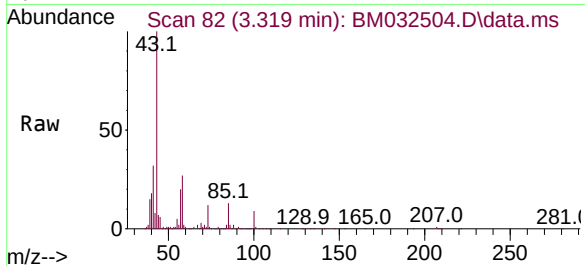




#4
n-Nitrosodimethylamine
Concen: 2.425 ng
RT: 3.319 min Scan# 82
Delta R.T. 0.006 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

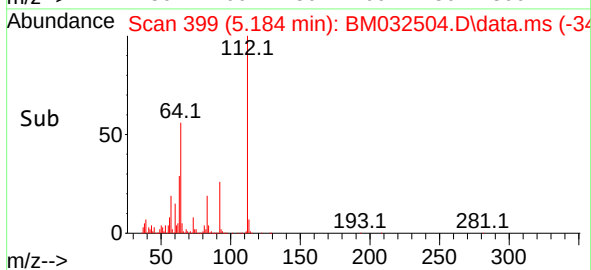
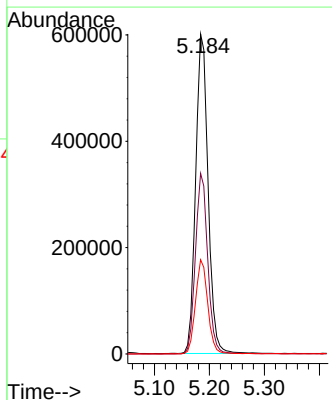
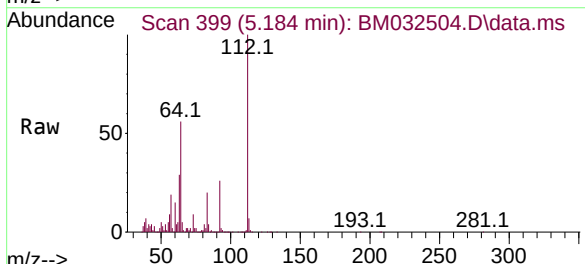
Instrument :
BNA_M
ClientSampled :
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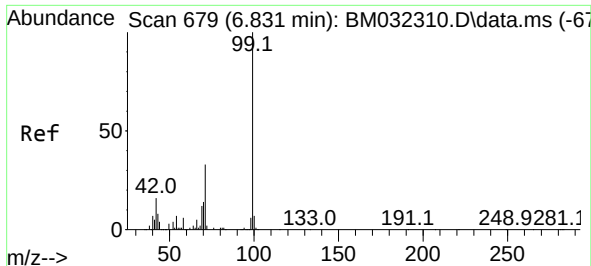
Tgt Ion: 42 Resp: 13838
Ion Ratio Lower Upper
42 100
74 9.8 99.5 149.3#
44 78.9 57.3 85.9



#5
2-Fluorophenol
Concen: 76.178 ng
RT: 5.184 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

Tgt Ion: 112 Resp: 941394
Ion Ratio Lower Upper
112 100
64 56.4 53.7 80.5
63 29.5 33.9 50.9#

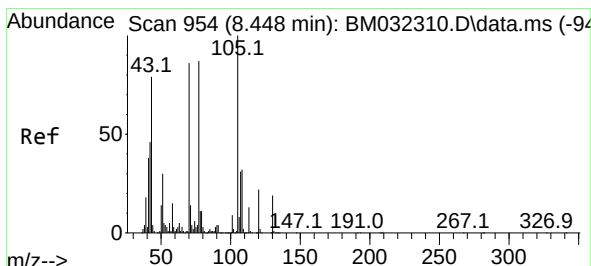
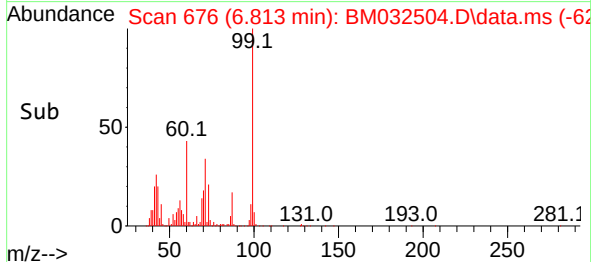
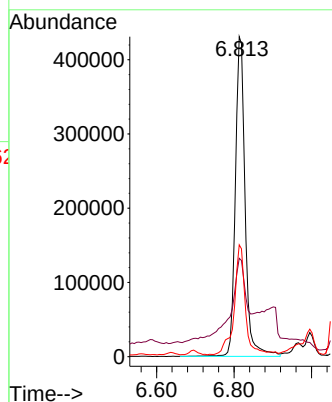
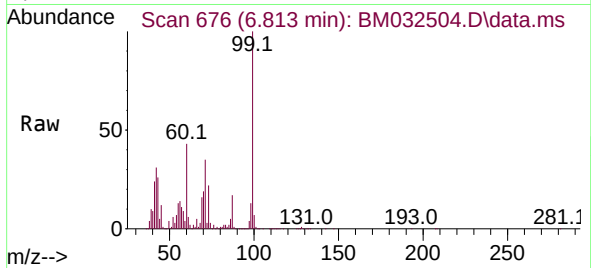




#7
Phenol-d6
Concen: 44.721 ng
RT: 6.813 min Scan# 676
Delta R.T. 0.012 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

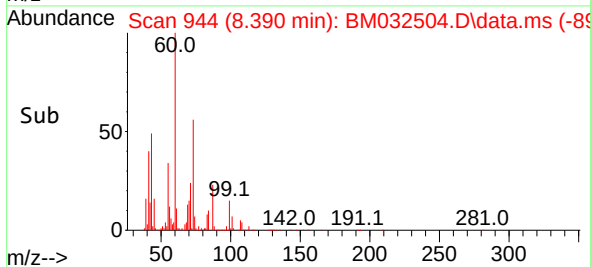
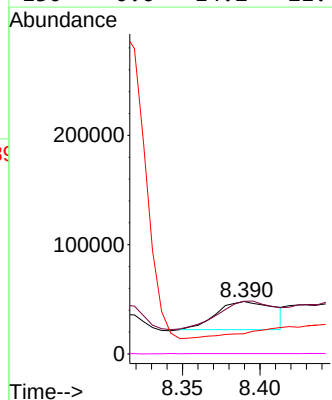
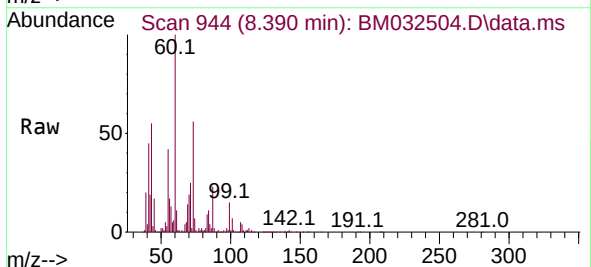
Instrument :
BNA_M
ClientSampled :
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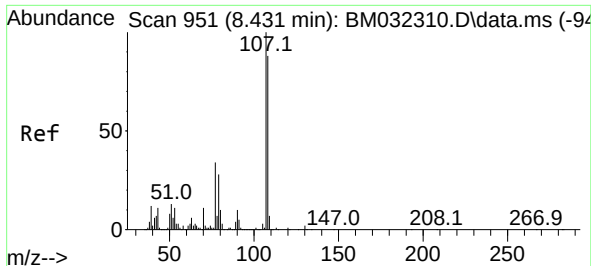
Tgt Ion: 99 Resp: 755756
Ion Ratio Lower Upper
99 100
42 30.7 23.0 34.6
71 35.0 37.8 56.8#



#19
n-Nitroso-di-n-propylamine
Concen: 7.302 ng
RT: 8.390 min Scan# 944
Delta R.T. -0.024 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

Tgt Ion: 70 Resp: 67092
Ion Ratio Lower Upper
70 100
42 100.2 56.3 84.5#
101 38.4 7.8 11.6#
130 0.6 14.2 21.4#

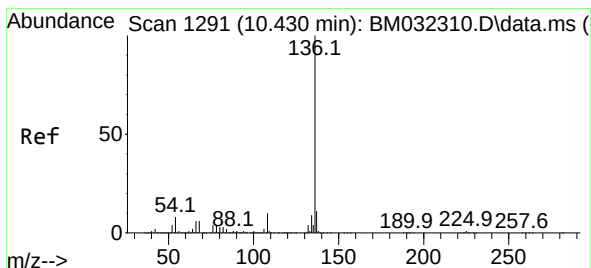
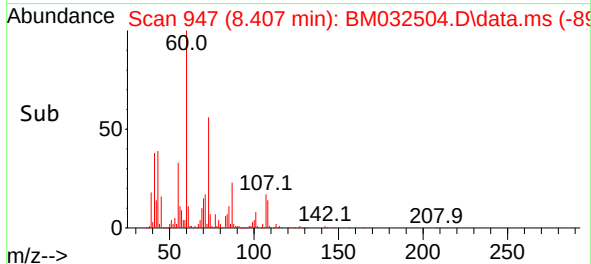
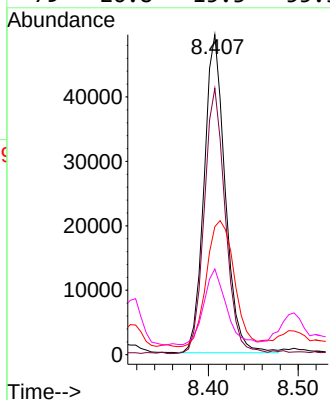
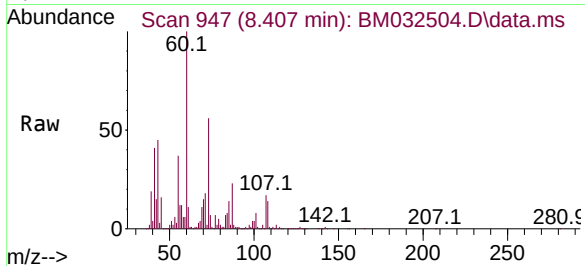




#20
3+4-Methylphenols
Concen: 5.425 ng
RT: 8.407 min Scan# 947
Delta R.T. 0.006 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

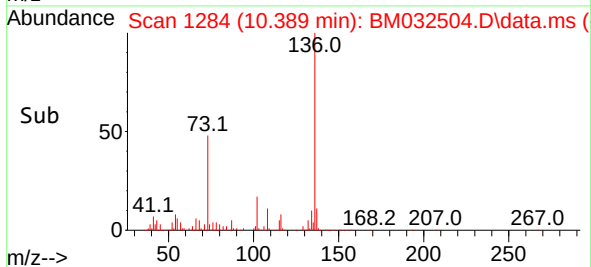
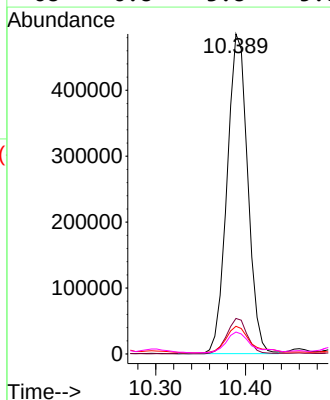
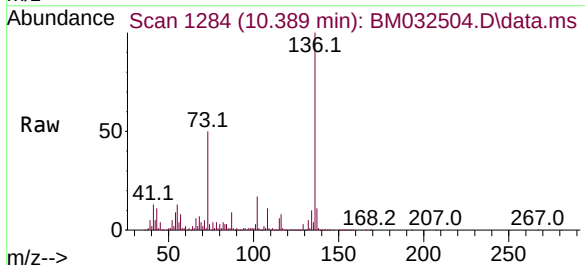
Instrument :
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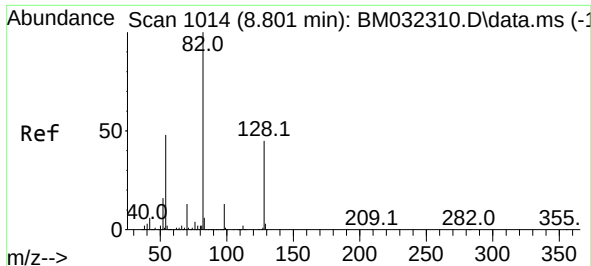
Tgt Ion:	107	Resp:	80476
Ion	Ratio	Lower	Upper
107	100		
108	83.2	67.6	107.6
77	40.0	21.9	61.9
79	26.8	15.3	55.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.389 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

Tgt Ion:	136	Resp:	775425
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.7	7.4	11.0
68	6.8	3.8	5.8

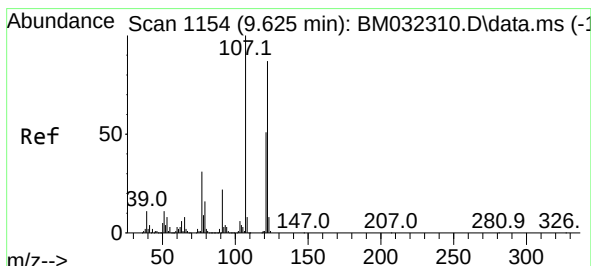
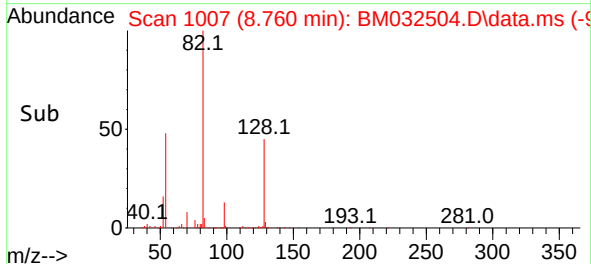
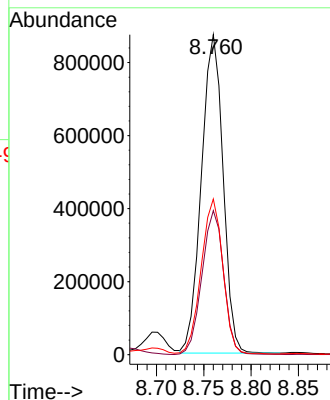
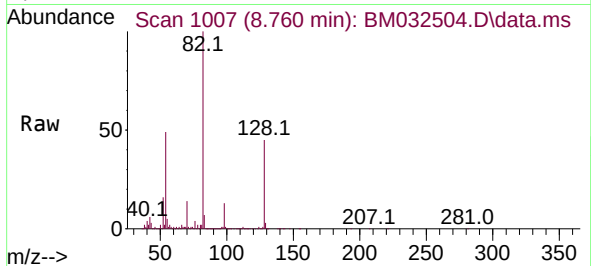




#23
Nitrobenzene-d5
Concen: 99.504 ng
RT: 8.760 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

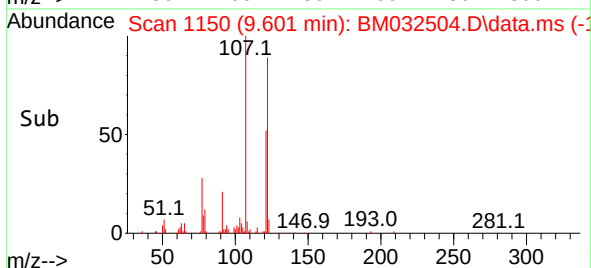
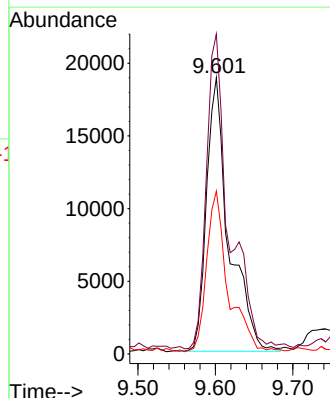
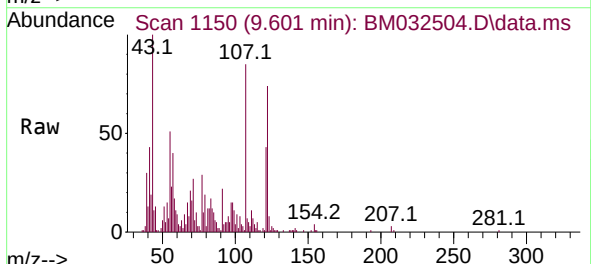
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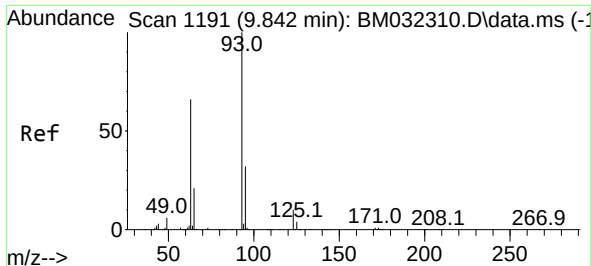
Tgt Ion: 82 Resp: 1387284
Ion Ratio Lower Upper
82 100
128 45.0 29.0 43.6#
54 48.7 45.8 68.8



#27
2,4-Dimethylphenol
Concen: 3.593 ng
RT: 9.601 min Scan# 1150
Delta R.T. 0.012 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

Tgt Ion:122 Resp: 37920
Ion Ratio Lower Upper
122 100
107 115.9 100.6 150.8
121 59.0 47.3 70.9

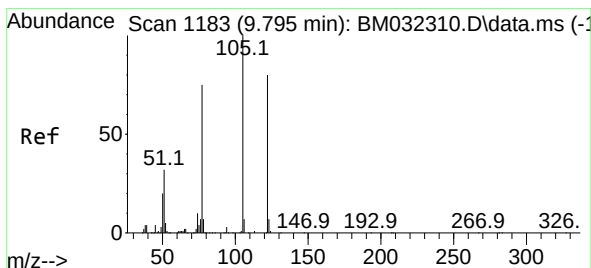
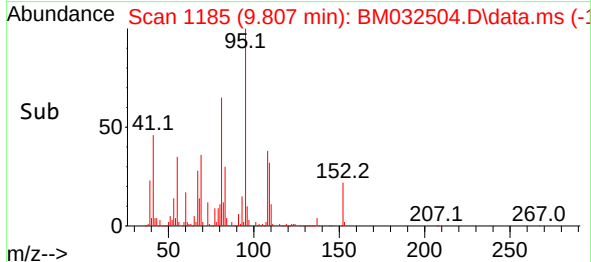
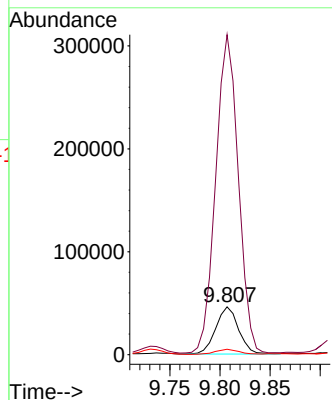
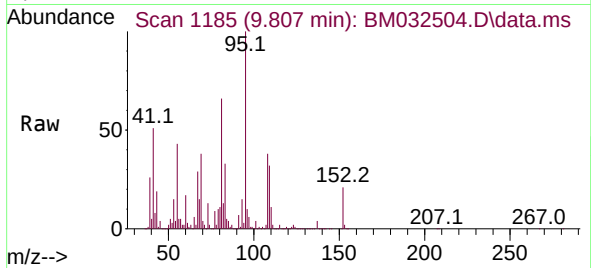




#28
bis(2-Chloroethoxy)methane
Concen: 4.337 ng
RT: 9.807 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

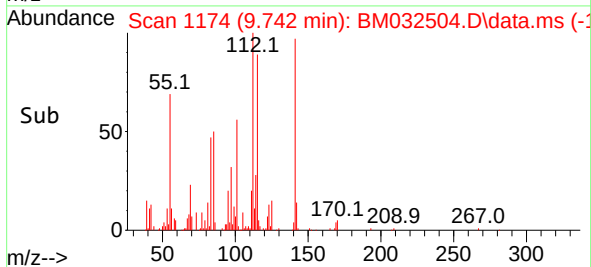
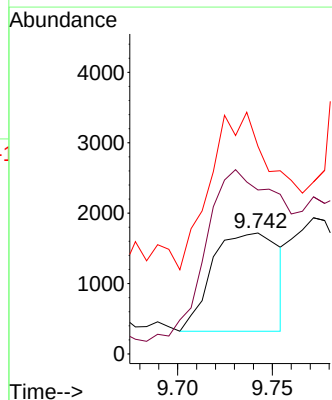
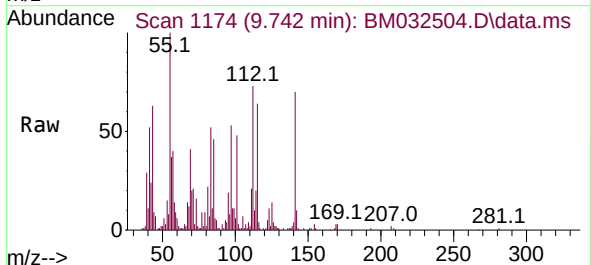
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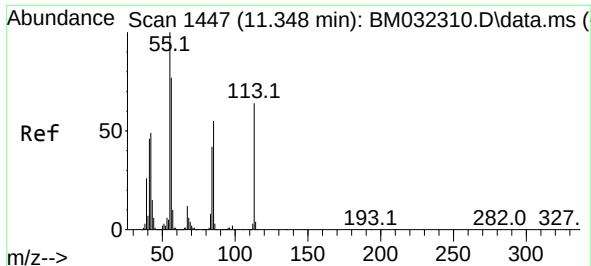
Tgt Ion: 93 Resp: 72237
Ion Ratio Lower Upper
93 100
95 669.3 25.8 38.8#
123 11.4 8.8 13.2



#32
Benzoic acid
Concen: 5.202 ng
RT: 9.742 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

Tgt Ion:122 Resp: 3380
Ion Ratio Lower Upper
122 100
105 135.6 120.3 160.3
77 171.8 100.0 140.0#

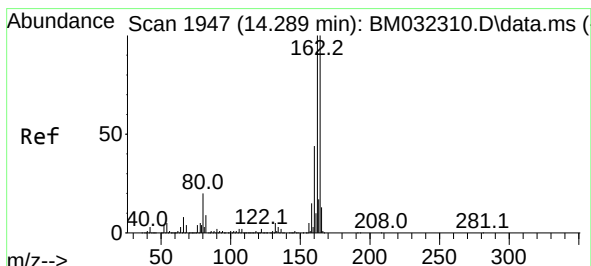
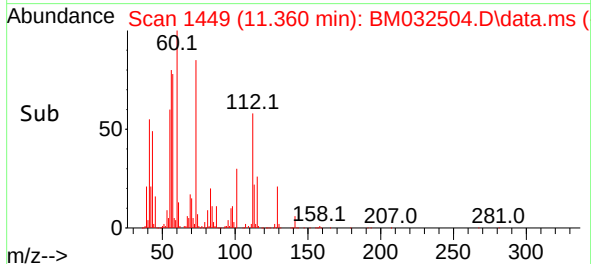
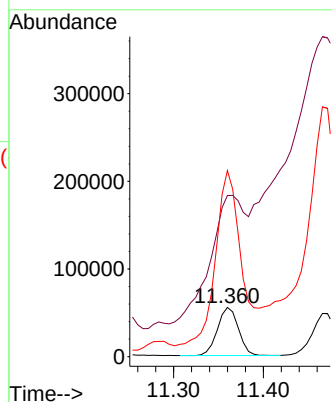
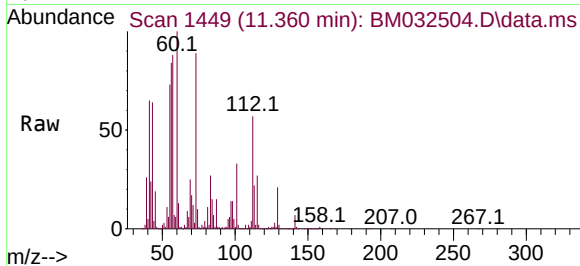




#35
Caprolactam
Concen: 24.726 ng
RT: 11.360 min Scan# 1449
Delta R.T. 0.035 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

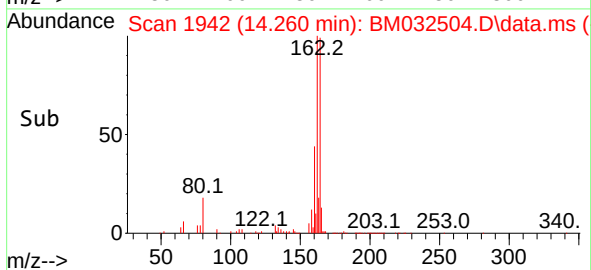
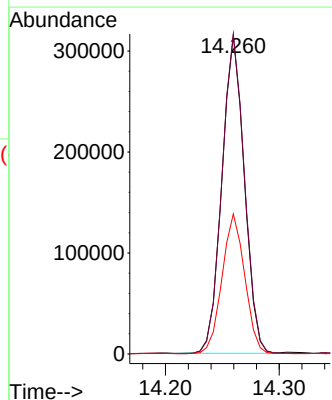
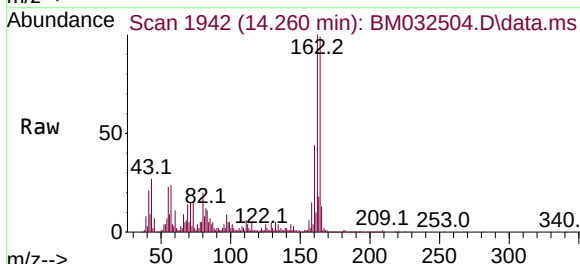
Instrument :
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ClientSampled :
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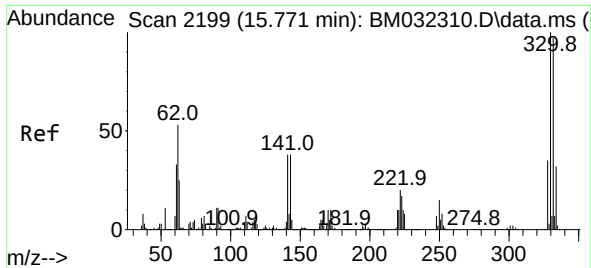
Tgt Ion:113 Resp: 89083
Ion Ratio Lower Upper
113 100
55 327.2 170.5 210.5#
56 377.8 125.2 165.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

Tgt Ion:164 Resp: 430242
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 44.0 35.1 52.7

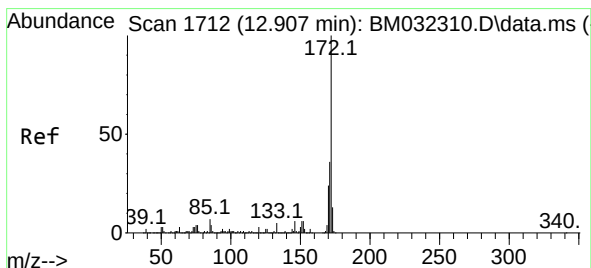
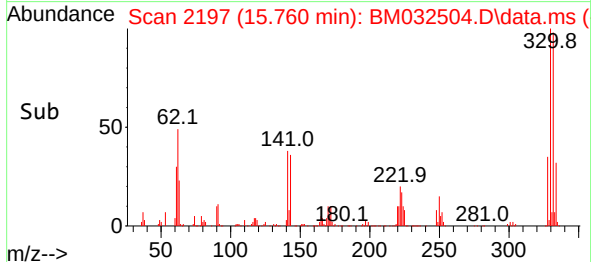
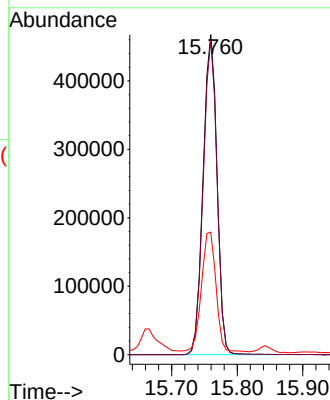
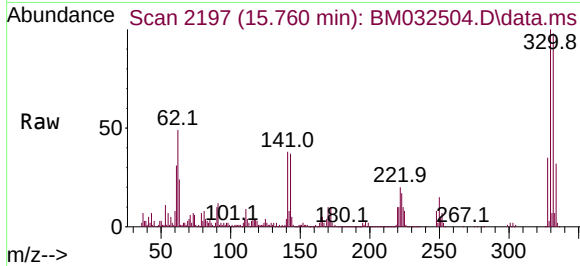




#42
2,4,6-Tribromophenol
Concen: 143.428 ng
RT: 15.760 min Scan# 2197
Delta R.T. 0.018 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

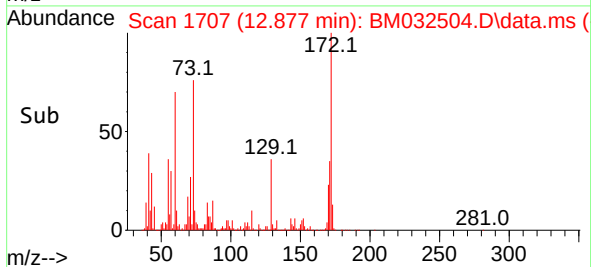
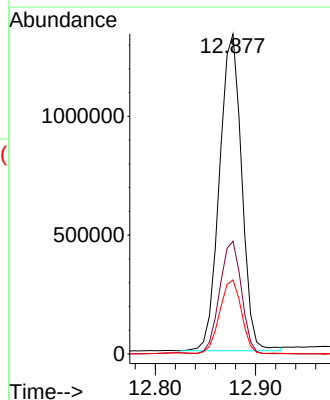
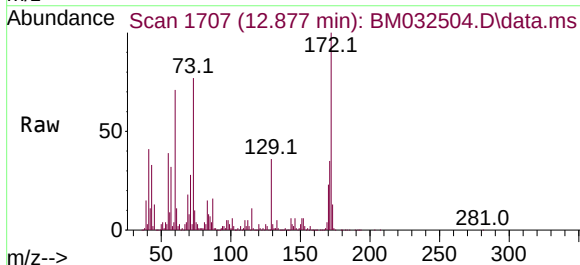
Instrument :
BNA_M
ClientSampled :
2158

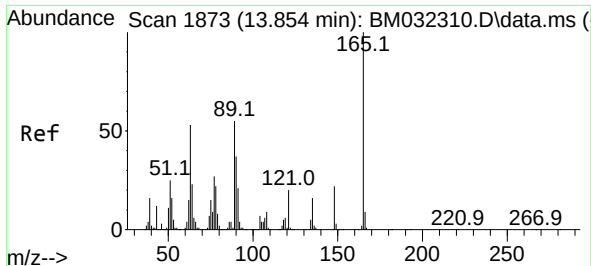
Tgt Ion:330 Resp: 690829
Ion Ratio Lower Upper
330 100
332 97.5 75.7 113.5
141 39.7 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 70.820 ng
RT: 12.877 min Scan# 1707
Delta R.T. 0.006 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

Tgt Ion:172 Resp: 2049313
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.2 18.6 27.8

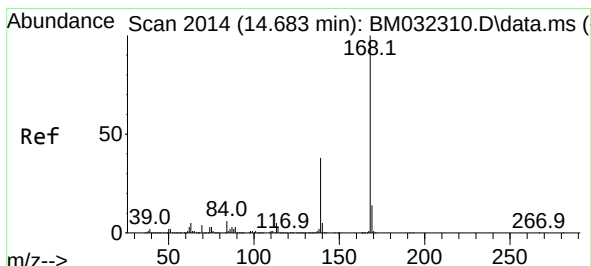
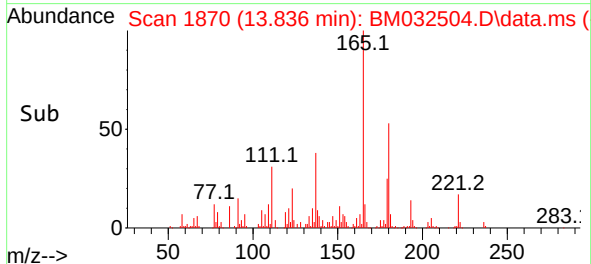
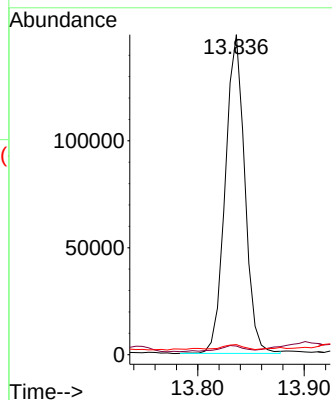
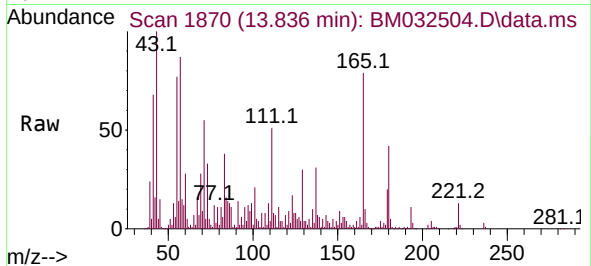




#51
2,6-Dinitrotoluene
Concen: 30.796 ng
RT: 13.836 min Scan# 1870
Delta R.T. 0.012 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

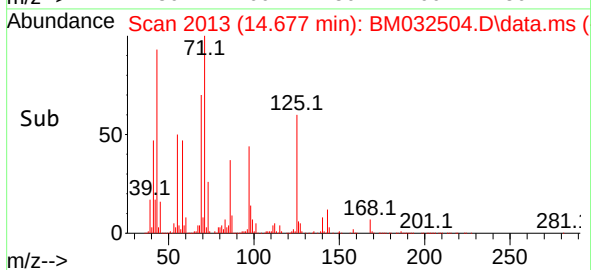
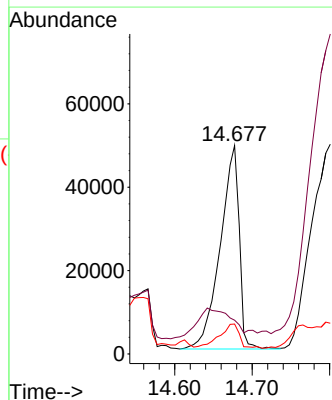
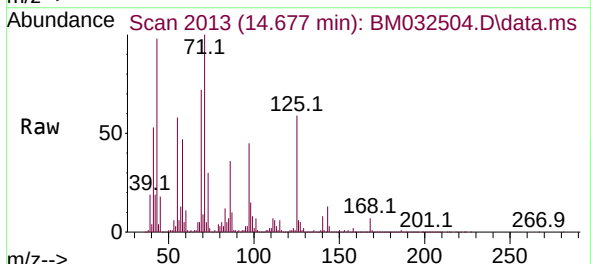
Instrument :
BNA_M
ClientSampled :
2158

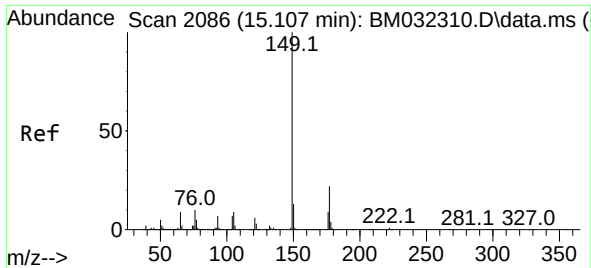
Tgt Ion:165 Resp: 189527
Ion Ratio Lower Upper
165 100
63 2.7 72.4 108.6#
89 3.1 69.3 103.9#



#55
Dibenzofuran
Concen: 2.194 ng
RT: 14.677 min Scan# 2013
Delta R.T. 0.023 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

Tgt Ion:168 Resp: 83280
Ion Ratio Lower Upper
168 100
139 16.2 35.0 52.4#
169 14.4 10.8 16.2

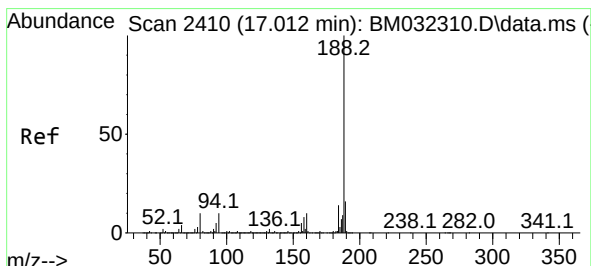
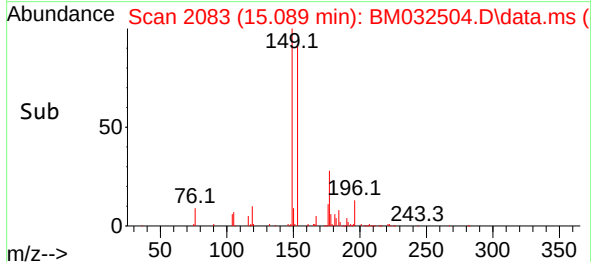
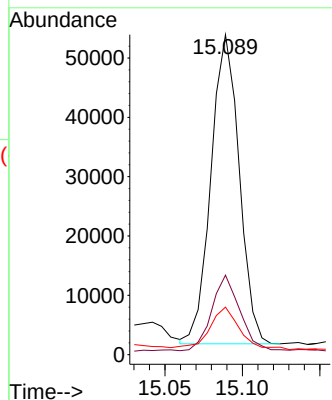
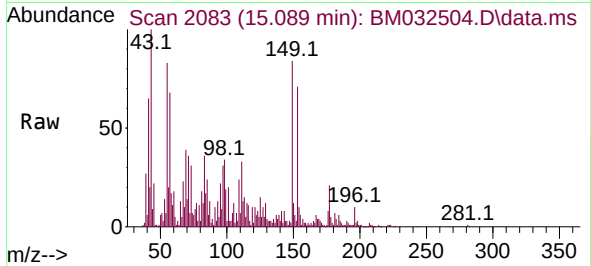




#60
Diethylphthalate
Concen: 2.213 ng
RT: 15.089 min Scan# 2083
Delta R.T. 0.012 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

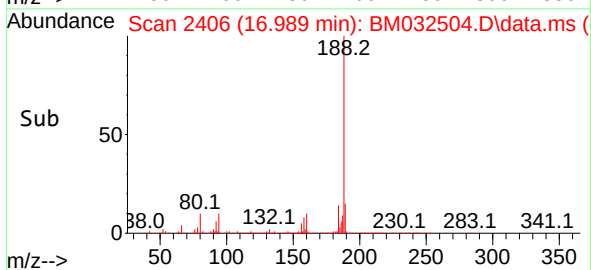
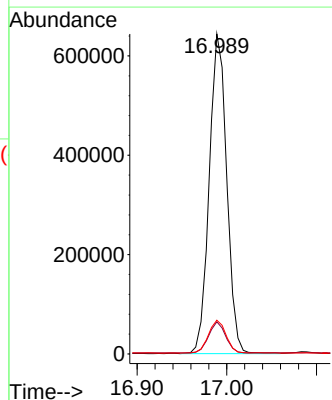
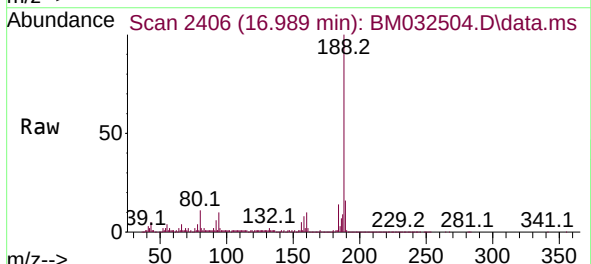
Instrument :
BNA_M
ClientSampled :
2158

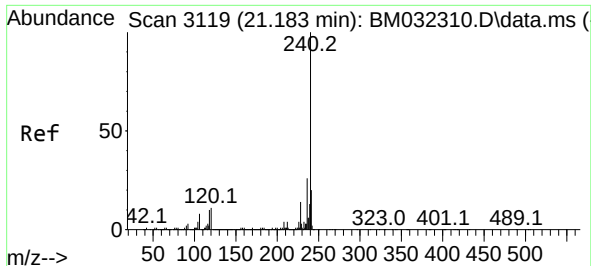
Tgt Ion:149 Resp: 66001
Ion Ratio Lower Upper
149 100
177 24.9 15.7 23.5#
150 14.9 9.6 14.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.989 min Scan# 2406
Delta R.T. 0.006 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

Tgt Ion:188 Resp: 871473
Ion Ratio Lower Upper
188 100
94 10.0 6.3 9.5#
80 10.6 7.3 10.9

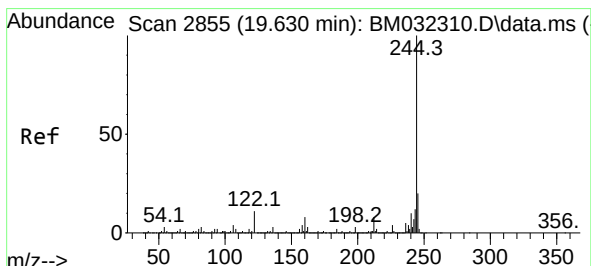
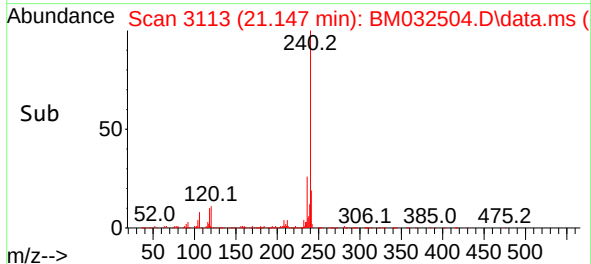
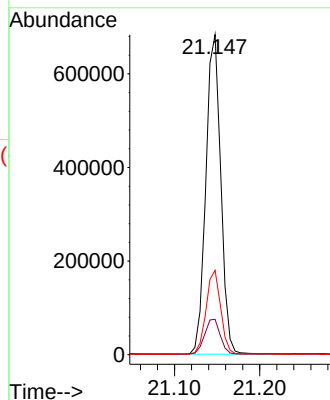
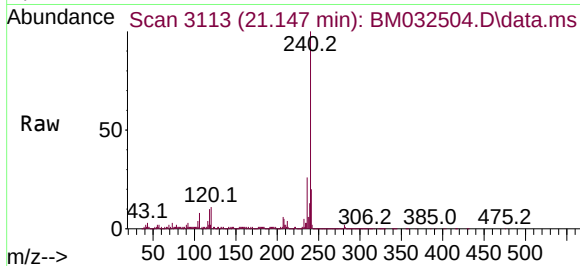




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.147 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

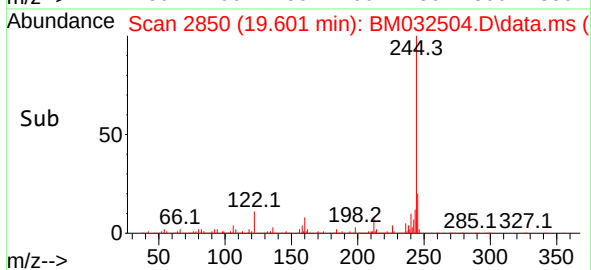
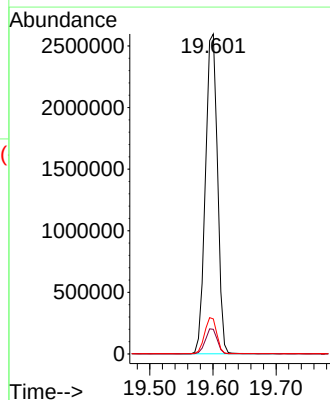
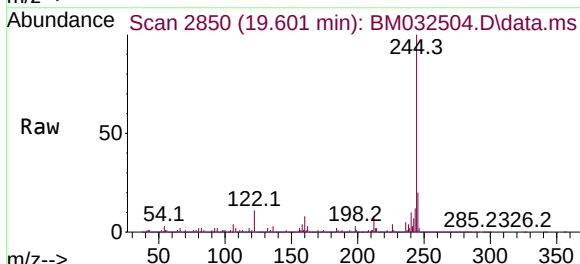
Instrument :
BNA_M
ClientSampled :
2158

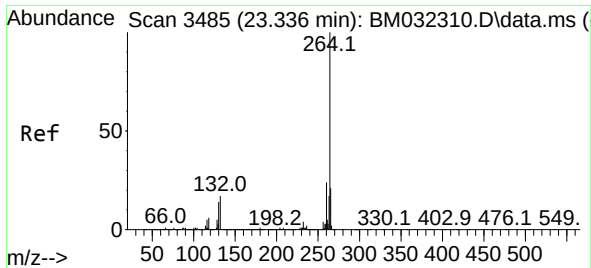
Tgt Ion:	240	Resp:	831483
Ion Ratio	Lower	Upper	
240	100		
120	11.1	7.8	11.6
236	26.4	20.9	31.3



#79
Terphenyl-d14
Concen: 87.057 ng
RT: 19.601 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

Tgt Ion:	244	Resp:	3437084
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.5	9.7
122	10.9	8.7	13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.289 min Scan# 3477
Delta R.T. -0.000 min
Lab File: BM032504.D
Acq: 13 Oct 2021 20:05

Instrument :
BNA_M
ClientSampleId :
2158

Tgt Ion:	264	Resp:	867924
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.3	28.9
265	22.1	18.3	27.5

