

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020824\
 Data File : BM044028.D
 Acq On : 08 Feb 2024 18:44
 Operator : MA/JU
 Sample : PB158806TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158806TB

Quant Time: Feb 09 03:41:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	379698	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1502389	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	816025	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1573412	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1207310	20.000	ng	0.00
86) Perylene-d12	23.897	264	1315176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	3356791	128.582	ng	0.00
7) Phenol-d6	7.081	99	4086027	123.013	ng	0.00
23) Nitrobenzene-d5	9.081	82	2391768	84.476	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1131631	128.080	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	4873390	84.286	ng	0.00
79) Terphenyl-d14	19.945	244	5840626	84.807	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	307	0.030	ng	# 1
3) Pyridine	3.793	79	178	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.699	42	484	0.047	ng	# 1
6) Aniline	7.240	93	1390	0.043	ng	# 47
8) 2-Chlorophenol	7.463	128	80	0.003	ng	# 35
10) Phenol	7.128	94	55	0.002	ng	# 1
11) bis(2-Chloroethyl)ether	7.351	93	116	0.004	ng	# 69
15) Benzyl Alcohol	8.051	79	312	0.014	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.434	45	234	0.007	ng	# 1
17) 2-Methylphenol	8.381	107	113	0.005	ng	# 1
18) Hexachloroethane	9.010	117	114	0.010	ng	# 44
19) n-Nitroso-di-n-propyla...	8.722	70	241	0.012	ng	# 7
20) 3+4-Methylphenols	8.698	107	71	0.002	ng	# 1
22) Acetophenone	8.728	105	405	0.011	ng	# 1
24) Nitrobenzene	9.075	77	7581	0.261	ng	# 38
25) Isophorone	9.634	82	192	0.004	ng	# 65
28) bis(2-Chloroethoxy)met...	10.134	93	114	0.003	ng	# 49
31) Naphthalene	10.757	128	189	0.002	ng	# 69
32) Benzoic acid	10.192	122	53	0.003	ng	# 1
33) 4-Chloroaniline	10.916	127	528	0.017	ng	# 36
36) 4-Chloro-3-methylphenol	12.033	107	79	0.003	ng	# 18
46) 1,1'-Biphenyl	13.180	154	9261	0.144	ng	# 1
48) 2-Nitroaniline	13.639	65	132	0.009	ng	# 1
49) Acenaphthylene	14.280	152	376	0.005	ng	# 61
50) Dimethylphthalate	14.016	163	279	0.005	ng	# 77
51) 2,6-Dinitrotoluene	14.151	165	118	0.009	ng	# 24
52) Acenaphthene	14.551	154	2632	0.056	ng	# 11
55) Dibenzofuran	14.963	168	185	0.003	ng	# 46
57) 2,4-Dinitrotoluene	14.916	165	73	0.004	ng	# 21
58) Fluorene	15.610	166	72	0.001	ng	# 92
60) Diethylphthalate	15.386	149	467	0.007	ng	# 9
63) Azobenzene	15.880	77	514	0.009	ng	# 60
66) n-Nitrosodiphenylamine	16.045	169	37464	0.784	ng	# 43
68) Hexachlorobenzene	16.868	284	58	0.003	ng	# 41
71) Phenanthrene	17.351	178	1287	0.015	ng	# 58
72) Anthracene	17.433	178	764	0.009	ng	# 37

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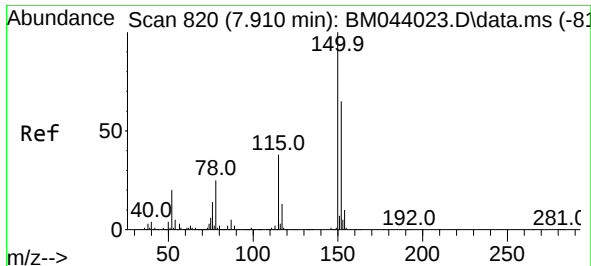
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Carbazole	17.727	167	515	0.006	ng	# 60
74) Di-n-butylphthalate	18.292	149	1117	0.011	ng	# 67
75) Fluoranthene	19.368	202	1156	0.012	ng	83
77) Benzidine	19.568	184	13506	0.720	ng	95
78) Pyrene	19.733	202	1017	0.011	ng	# 54
80) Butylbenzylphthalate	20.668	149	182	0.004	ng	# 57
81) Benzo(a)anthracene	21.539	228	1202	0.014	ng	97
82) 3,3'-Dichlorobenzidine	21.445	252	1428	0.052	ng	# 86
83) Chrysene	21.539	228	1202	0.015	ng	93
84) Bis(2-ethylhexyl)phtha...	21.439	149	1412	0.023	ng	# 73
85) Di-n-octyl phthalate	22.368	149	346	0.003	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.385	276	407	0.004	ng	# 67
88) Benzo(b)fluoranthene	23.174	252	689	0.008	ng	# 1
89) Benzo(k)fluoranthene	23.221	252	315	0.004	ng	# 1
90) Benzo(a)pyrene	23.786	252	565	0.008	ng	# 1
91) Dibenzo(a,h)anthracene	26.421	278	777	0.010	ng	# 16
92) Benzo(g,h,i)perylene	27.132	276	883	0.011	ng	# 50

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

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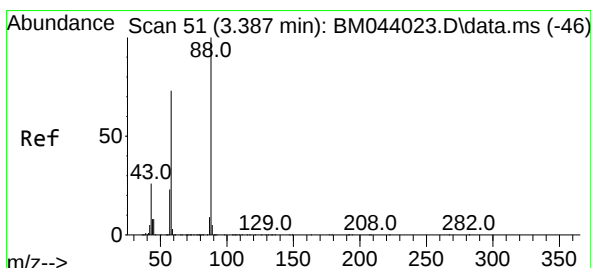
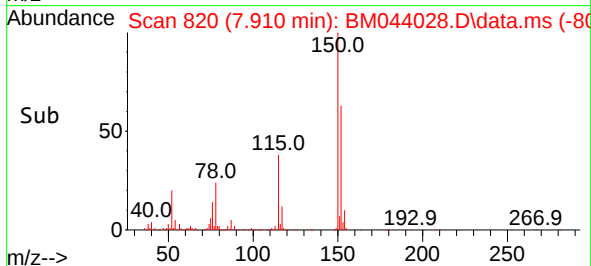
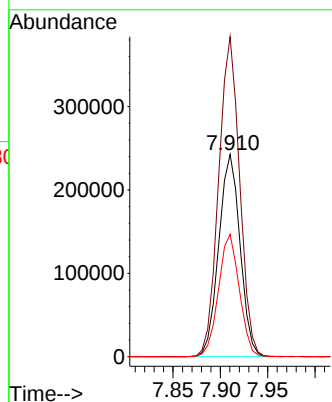
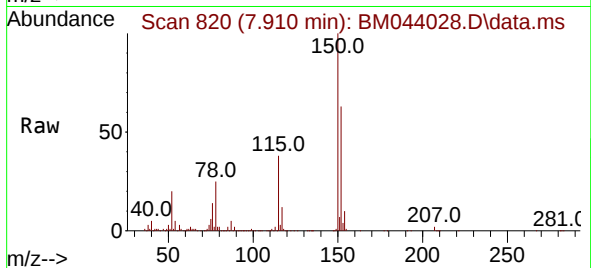




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM044028.D
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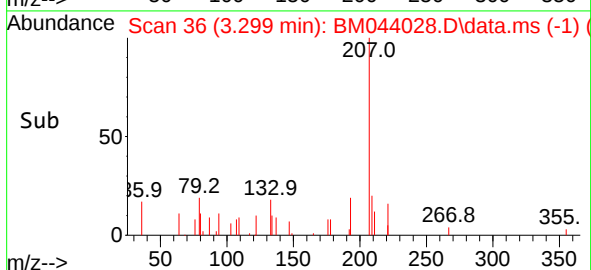
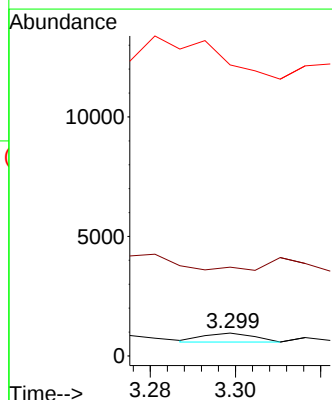
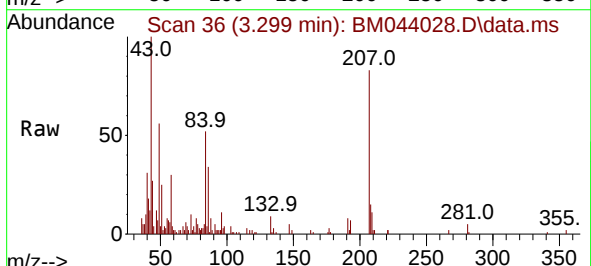
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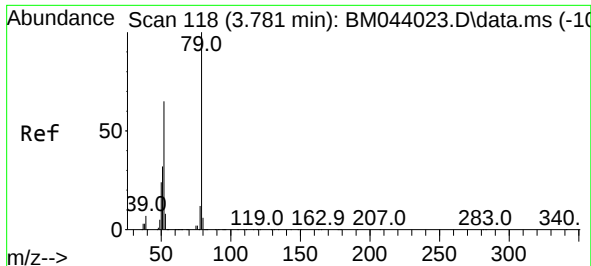
Tgt Ion:152 Resp: 379698
 Ion Ratio Lower Upper
 152 100
 150 158.3 122.7 184.1
 115 60.5 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.299 min Scan# 36
 Delta R.T. -0.088 min
 Lab File: BM044028.D
 Acq: 08 Feb 2024 18:44

Tgt Ion: 88 Resp: 307
 Ion Ratio Lower Upper
 88 100
 58 176.9 58.1 87.1#
 43 0.0 21.1 31.7#

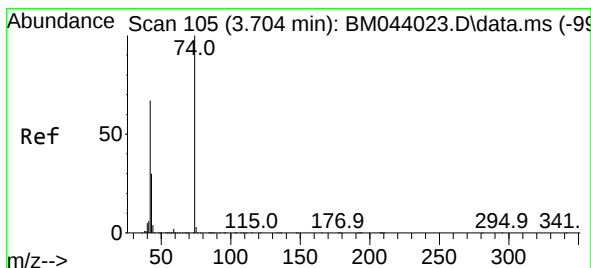
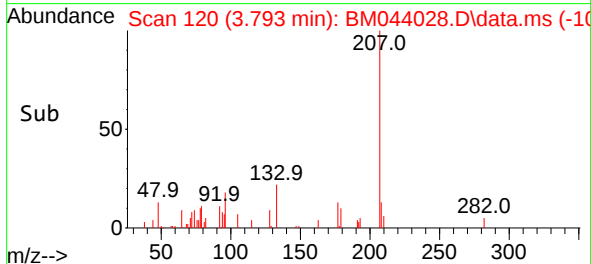
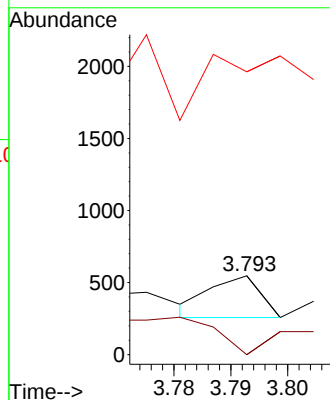
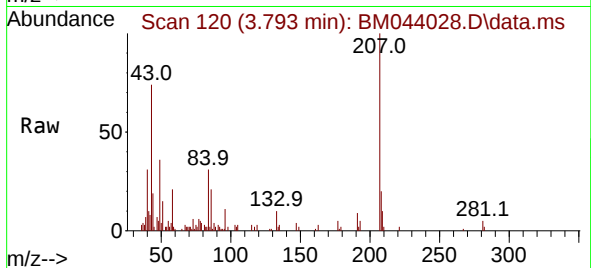




#3
Pyridine
Concen: 0.007 ng
RT: 3.793 min Scan# 118
Delta R.T. 0.012 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

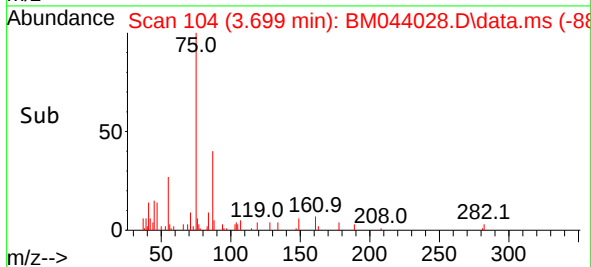
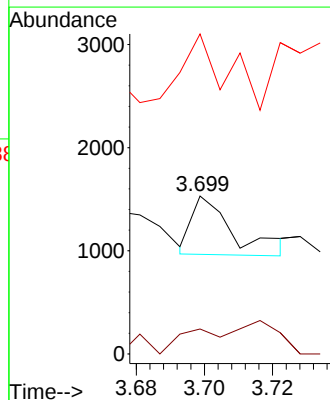
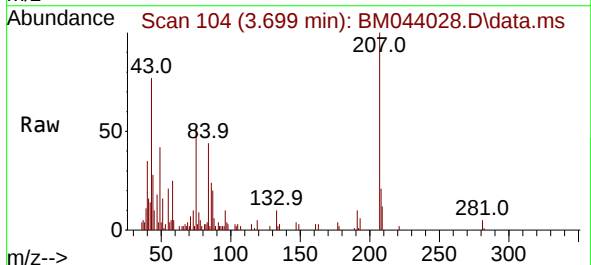
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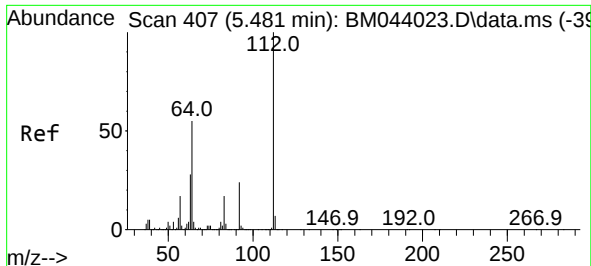
Tgt Ion: 79 Resp: 178
Ion Ratio Lower Upper
79 100
52 0.0 52.2 78.2#
51 358.7 26.2 39.4#



#4
n-Nitrosodimethylamine
Concen: 0.047 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion: 42 Resp: 484
Ion Ratio Lower Upper
42 100
74 15.8 118.6 178.0#
44 202.6 5.6 8.4#

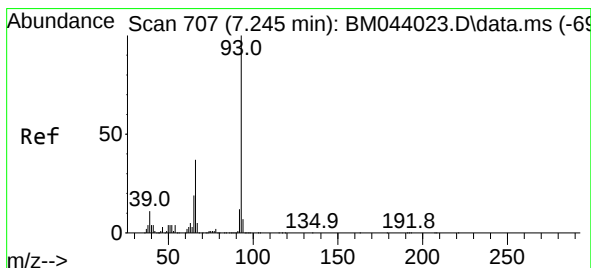
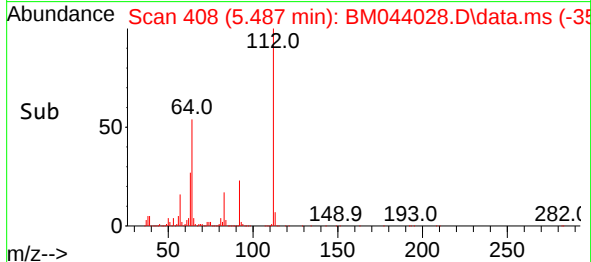
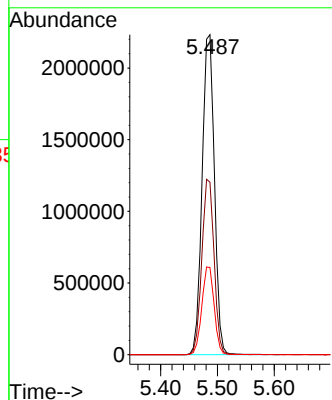
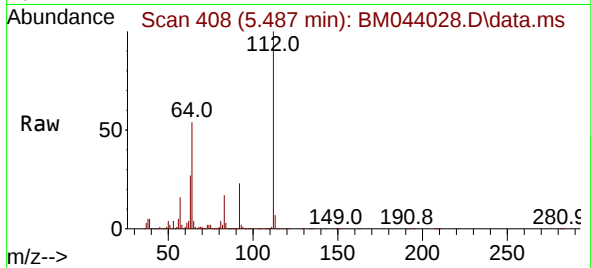




#5
2-Fluorophenol
Concen: 128.582 ng
RT: 5.487 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

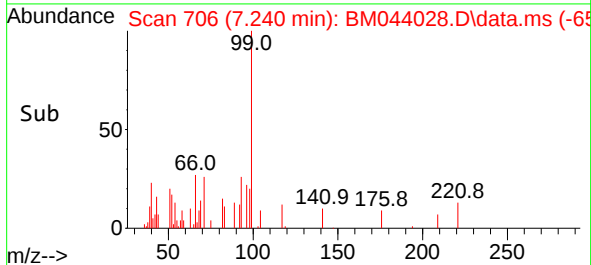
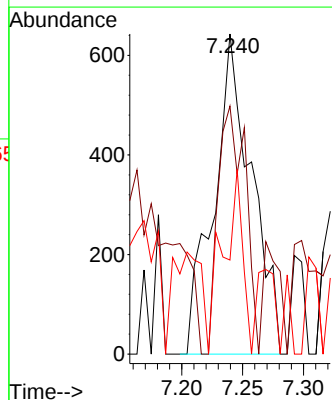
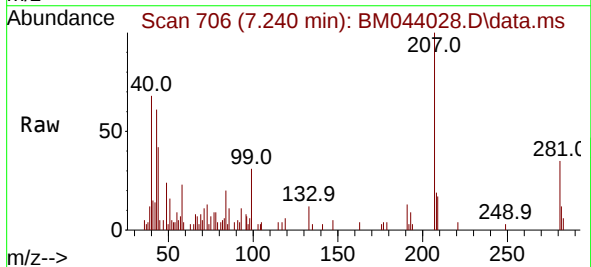
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ClientSampleId :
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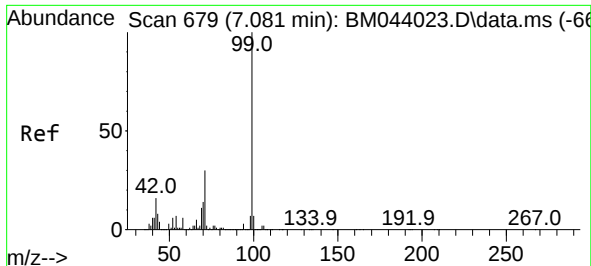
Tgt Ion:112 Resp: 3356791
Ion Ratio Lower Upper
112 100
64 53.9 44.2 66.4
63 27.2 22.6 34.0



#6
Aniline
Concen: 0.043 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion: 93 Resp: 1390
Ion Ratio Lower Upper
93 100
66 77.4 29.4 44.0#
65 29.4 15.2 22.8#



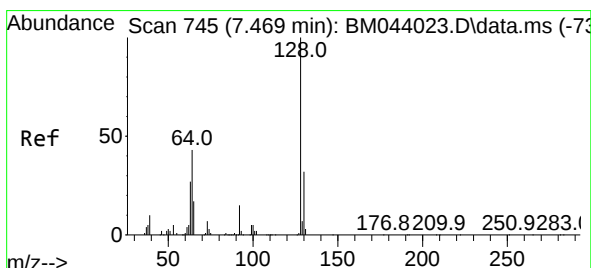
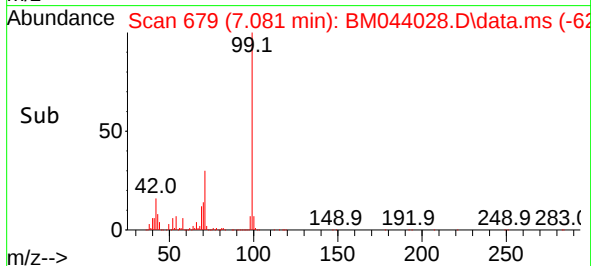
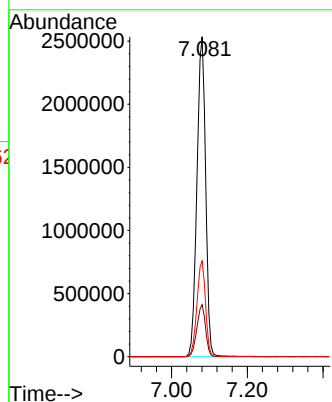
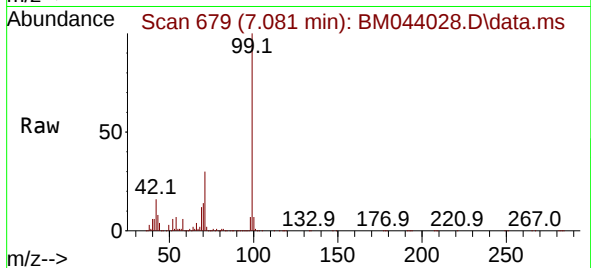


#7
Phenol-d6
Concen: 123.013 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Instrument :
BNA_M
ClientSampleId :
PB158806TB

Tgt Ion: 99 Resp: 4086027

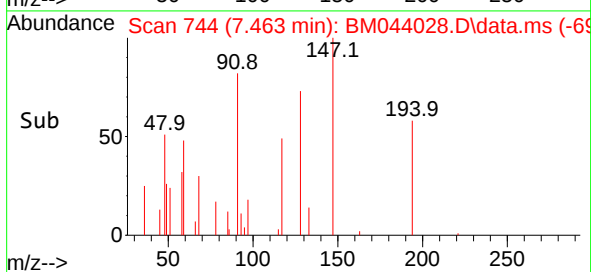
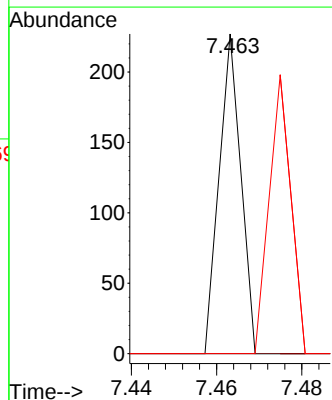
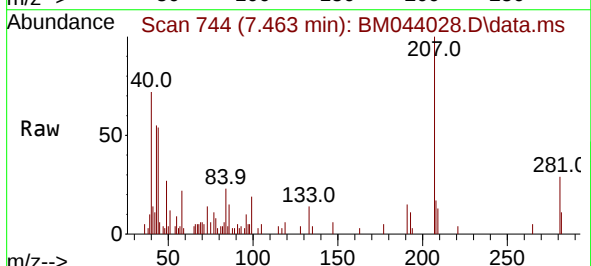
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.9	19.3
71	29.9	23.9	35.9

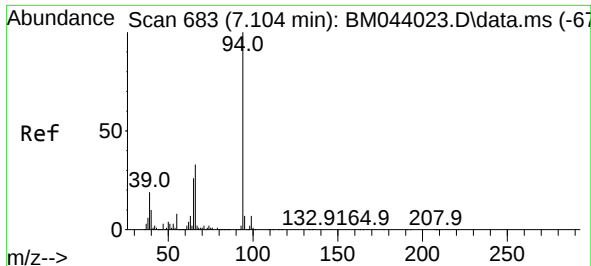


#8
2-Chlorophenol
Concen: 0.003 ng
RT: 7.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion: 128 Resp: 80

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.1	52.1#
64	0.0	26.0	66.0#

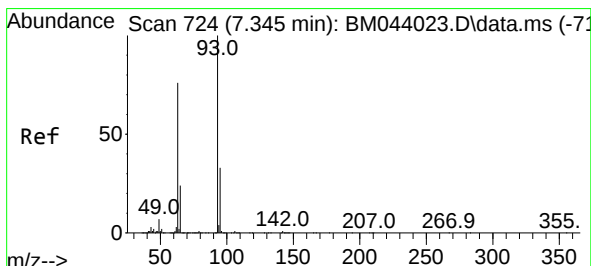
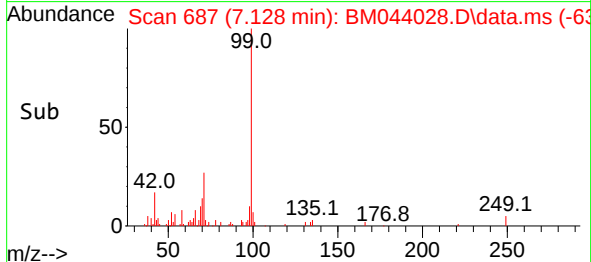
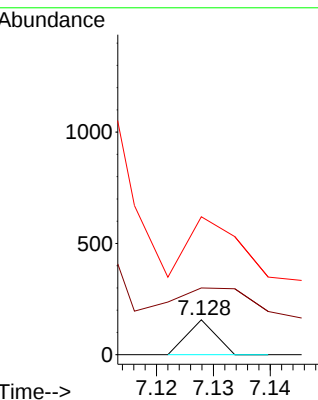
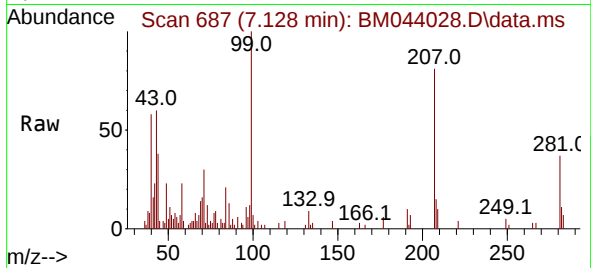




#10
Phenol
Concen: 0.002 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.024 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

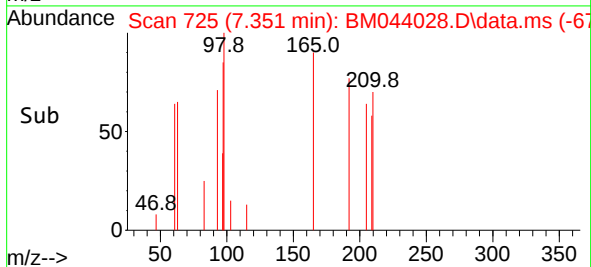
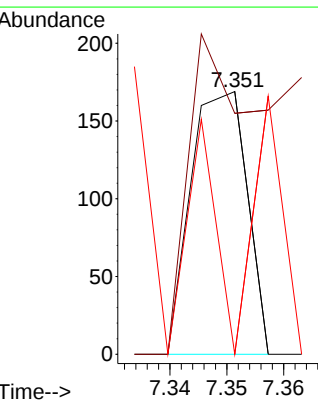
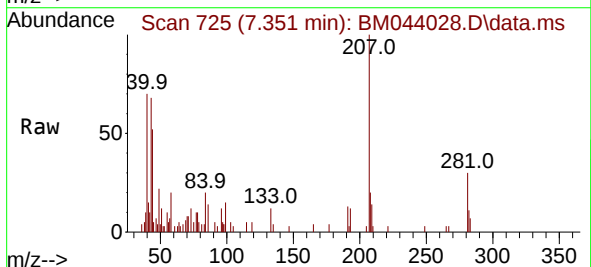
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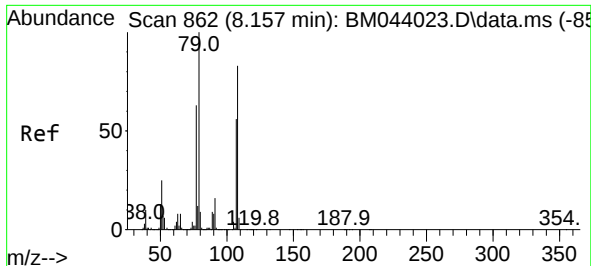
Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
65 191.1 6.4 46.4#
66 394.9 13.2 53.2#



#11
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.351 min Scan# 725
Delta R.T. 0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion: 93 Resp: 116
Ion Ratio Lower Upper
93 100
63 91.7 55.9 95.9
95 0.0 13.0 53.0#

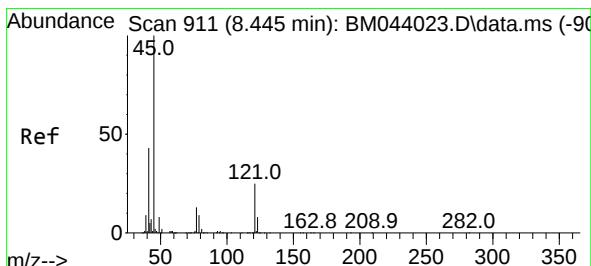
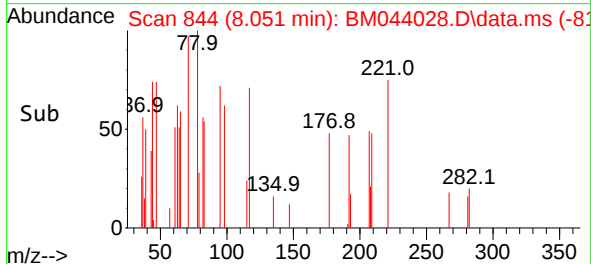
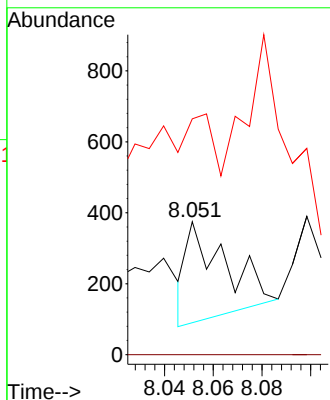
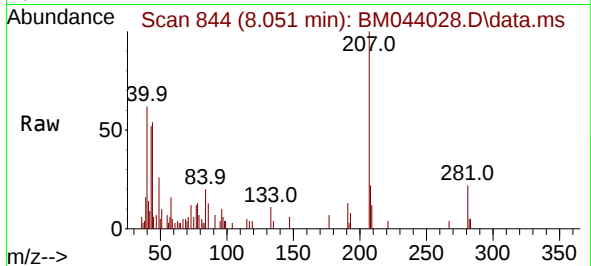




#15
Benzyl Alcohol
Concen: 0.014 ng
RT: 8.051 min Scan# 84
Delta R.T. -0.106 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

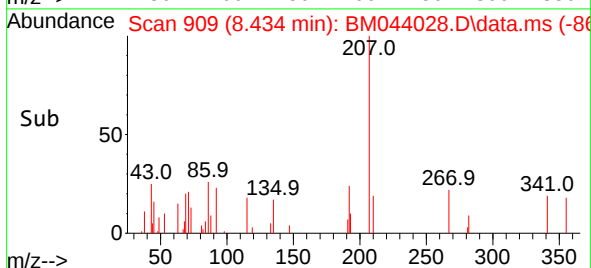
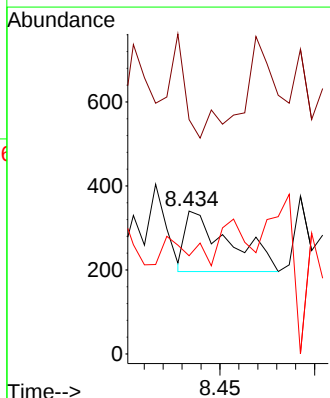
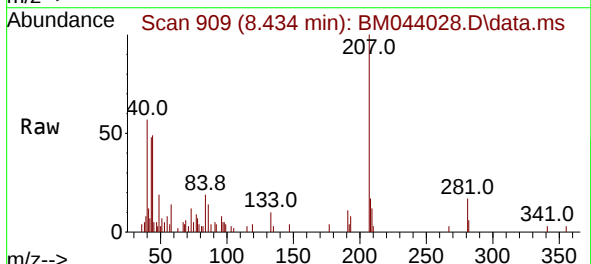
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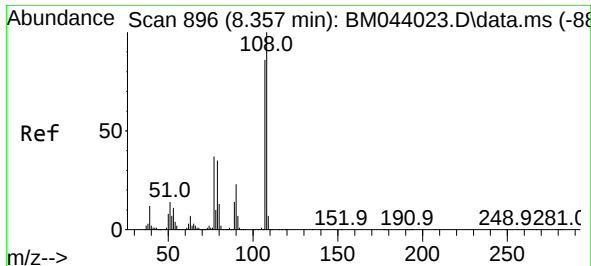
Tgt Ion: 79 Resp: 312
Ion Ratio Lower Upper
79 100
108 0.0 66.0 99.0#
77 177.3 50.4 75.6#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.007 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion: 45 Resp: 234
Ion Ratio Lower Upper
45 100
77 164.1 0.0 35.1#
79 68.8 0.0 31.5#

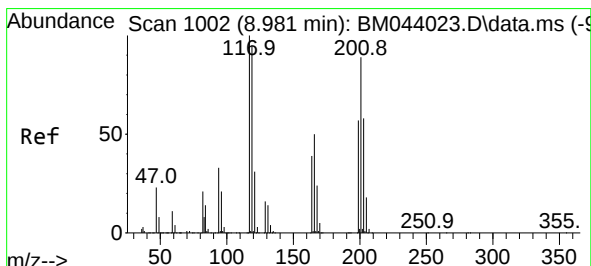
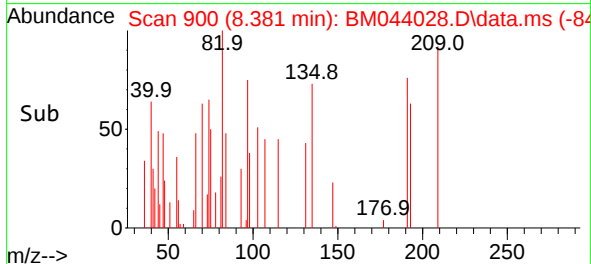
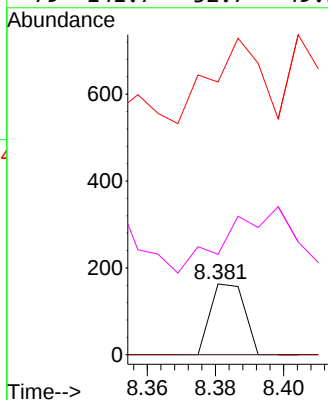
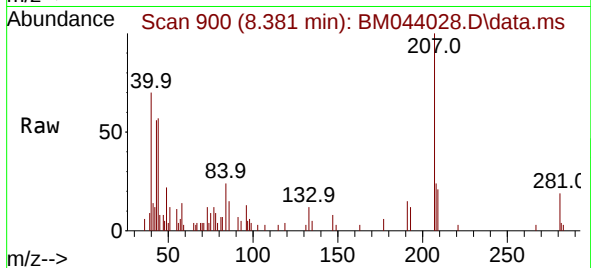




#17
2-Methylphenol
Concen: 0.005 ng
RT: 8.381 min Scan# 90
Delta R.T. 0.024 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

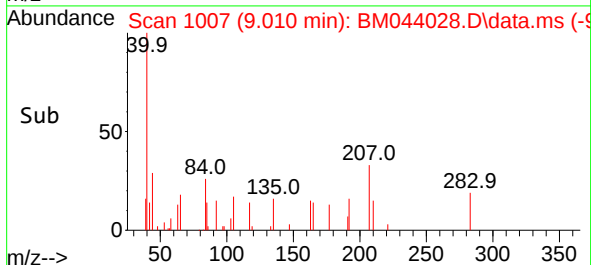
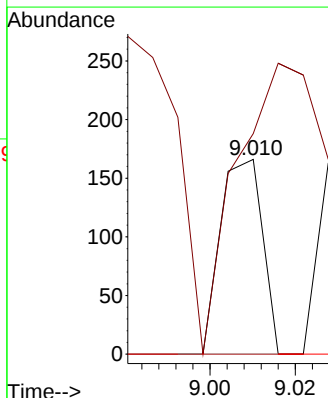
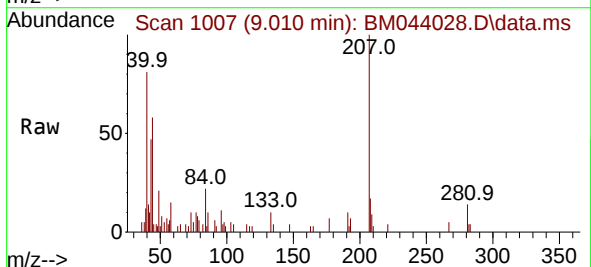
Instrument :
BNA_M
ClientSampleId :
PB158806TB

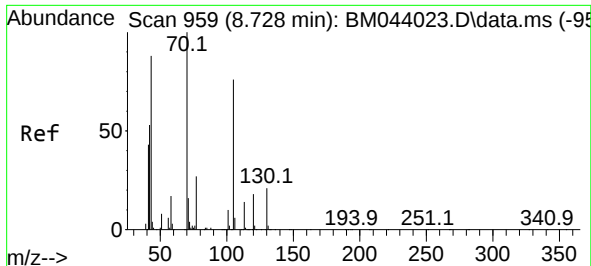
Tgt Ion:107 Resp: 113
Ion Ratio Lower Upper
107 100
108 0.0 93.4 140.2#
77 385.3 34.7 52.1#
79 141.7 32.7 49.1#



#18
Hexachloroethane
Concen: 0.010 ng
RT: 9.010 min Scan# 1007
Delta R.T. 0.030 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:117 Resp: 114
Ion Ratio Lower Upper
117 100
119 113.3 75.7 113.5
201 0.0 71.5 107.3#





#19

n-Nitroso-di-n-propylamine

Concen: 0.012 ng

RT: 8.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

Instrument :

BNA_M

ClientSampleId :

PB158806TB

Tgt Ion: 70 Resp: 241

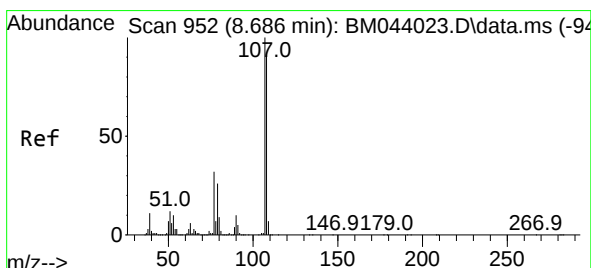
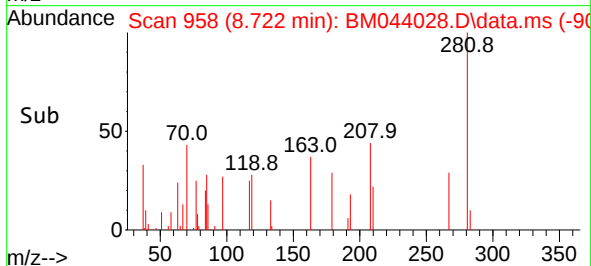
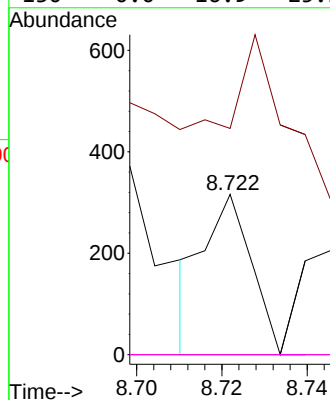
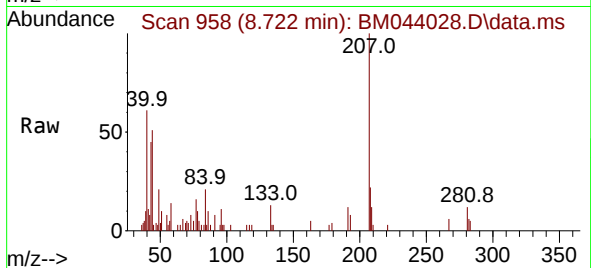
Ion Ratio Lower Upper

70 100

42 141.1 42.6 64.0#

101 0.0 7.8 11.6#

130 0.0 16.9 25.3#



#20

3+4-Methylphenols

Concen: 0.002 ng

RT: 8.698 min Scan# 954

Delta R.T. 0.012 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

Tgt Ion: 107 Resp: 71

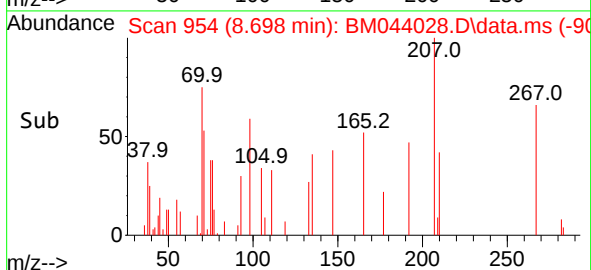
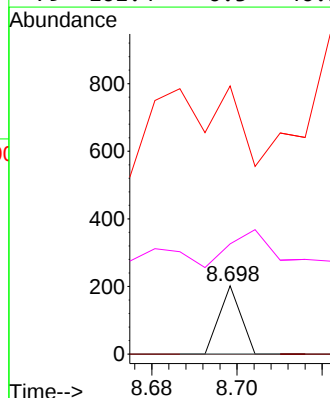
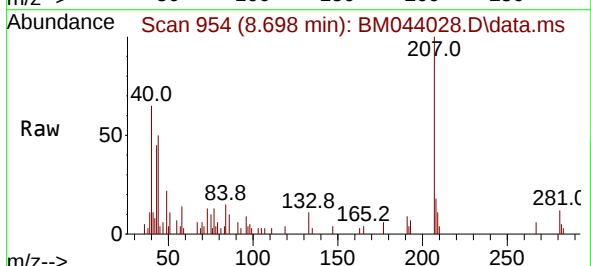
Ion Ratio Lower Upper

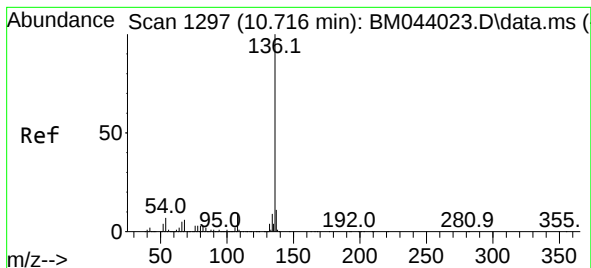
107 100

108 0.0 71.5 111.5#

77 392.6 11.8 51.8#

79 161.4 6.3 46.3#

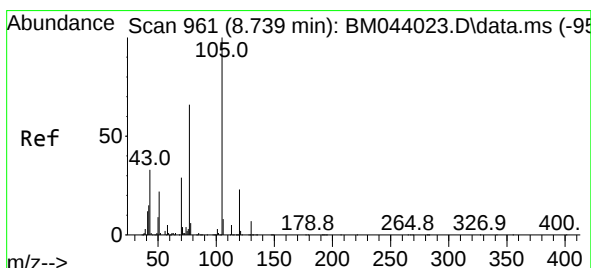
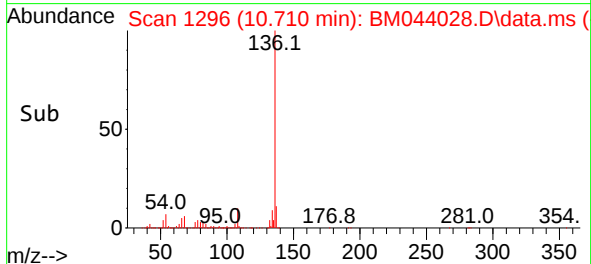
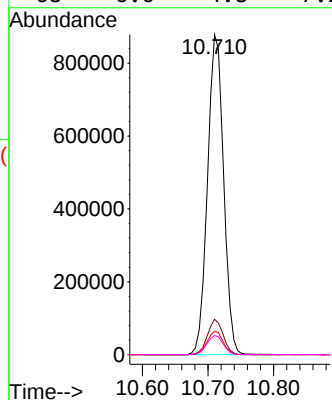
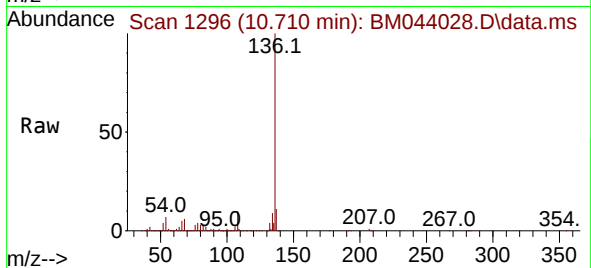




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

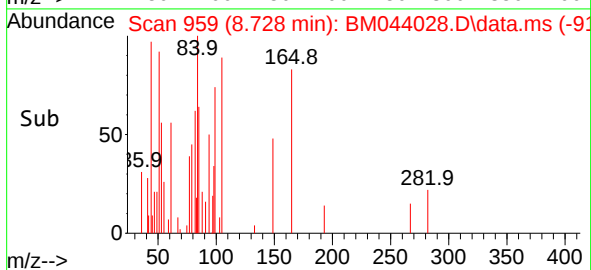
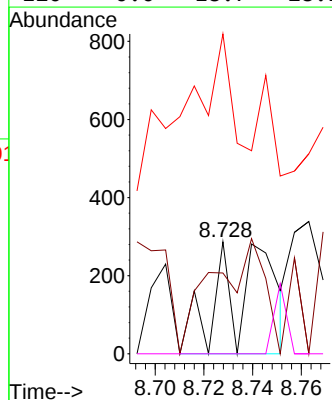
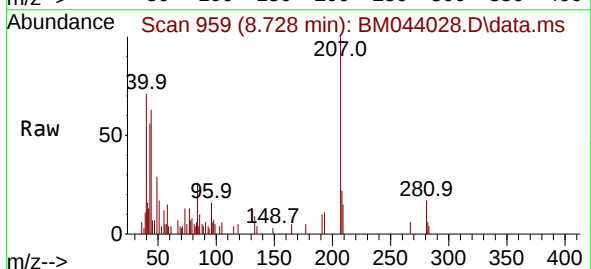
Instrument :
BNA_M
ClientSampleId :
PB158806TB

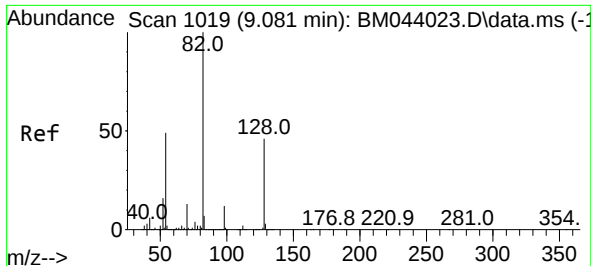
Tgt Ion:136 Resp: 1502389
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.3 5.9 8.9
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 0.011 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.012 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:105 Resp: 405
Ion Ratio Lower Upper
105 100
71 72.1 4.0 6.0#
51 285.4 20.1 30.1#
120 0.0 18.7 28.1#

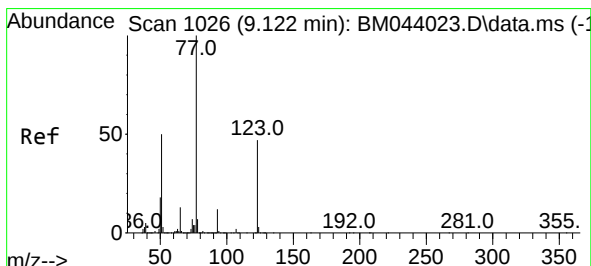
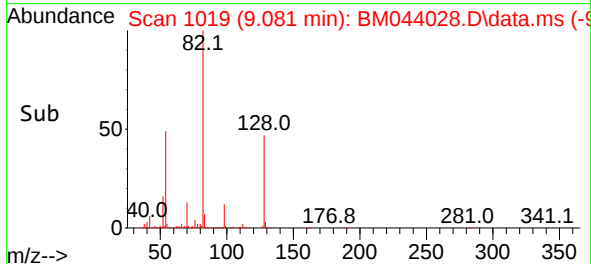
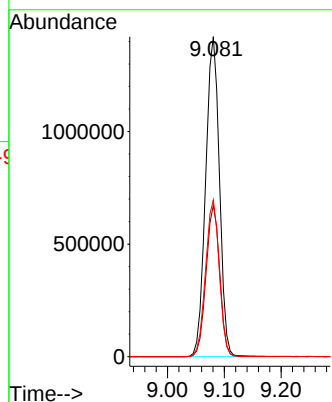
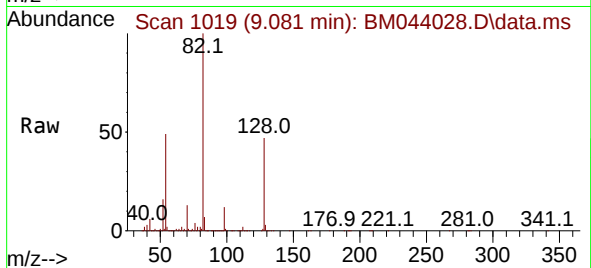




#23
Nitrobenzene-d5
Concen: 84.476 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

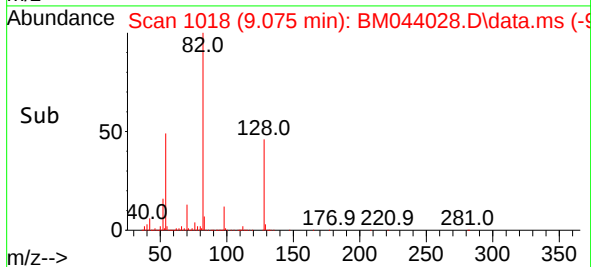
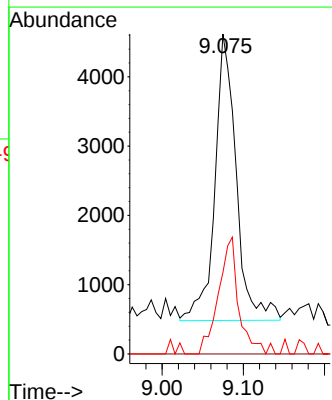
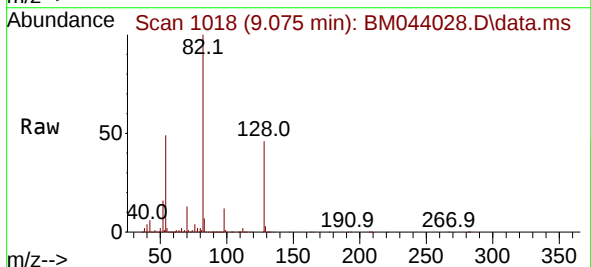
Instrument :
BNA_M
ClientSampleId :
PB158806TB

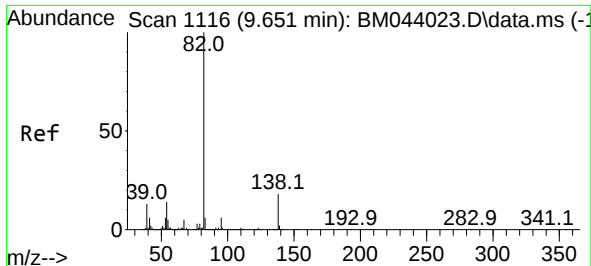
Tgt Ion: 82 Resp: 2391768
Ion Ratio Lower Upper
82 100
128 47.3 37.1 55.7
54 49.0 38.9 58.3



#24
Nitrobenzene
Concen: 0.261 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.047 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion: 77 Resp: 7581
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.8#
65 25.5 10.5 15.7#

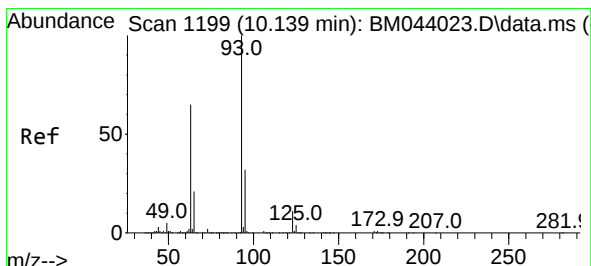
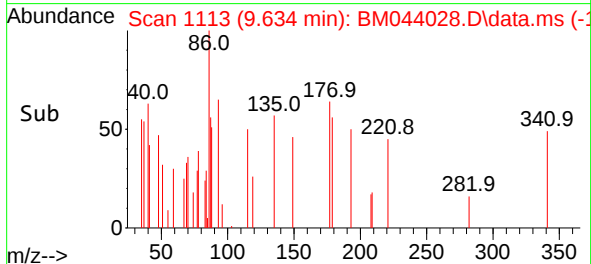
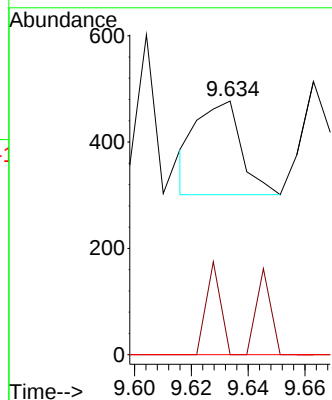
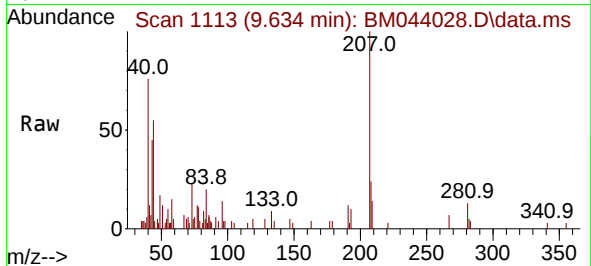




#25
Isophorone
Concen: 0.004 ng
RT: 9.634 min Scan# 1116
Delta R.T. -0.017 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

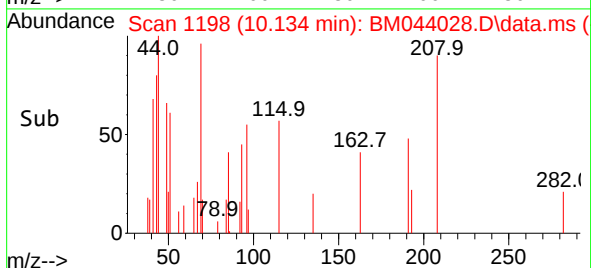
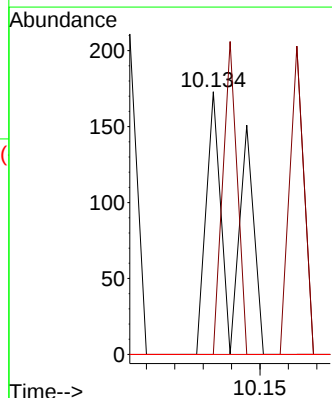
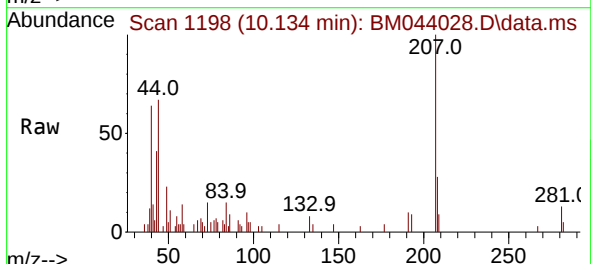
Instrument :
BNA_M
ClientSampleId :
PB158806TB

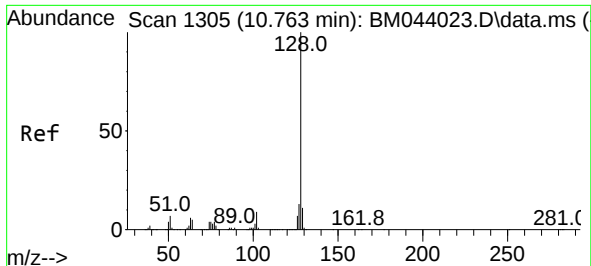
Tgt Ion: 82 Resp: 192
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.3 21.5#



#28
bis(2-Chloroethoxy)methane
Concen: 0.003 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion: 93 Resp: 114
Ion Ratio Lower Upper
93 100
95 0.0 26.0 39.0#
123 0.0 9.2 13.8#

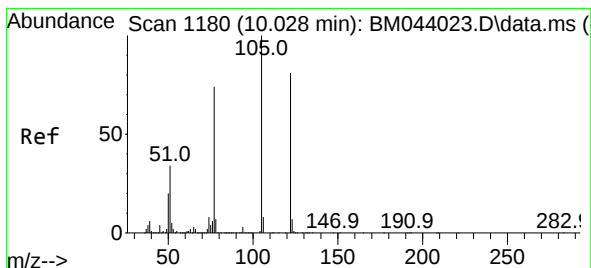
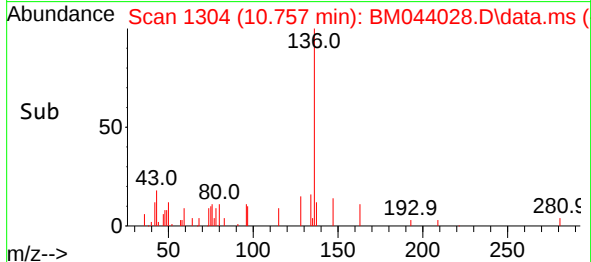
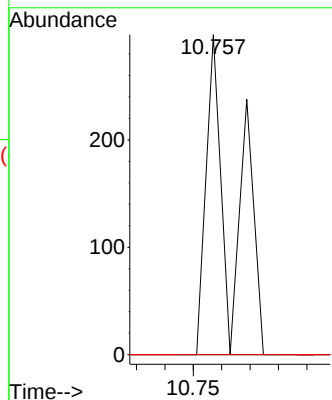
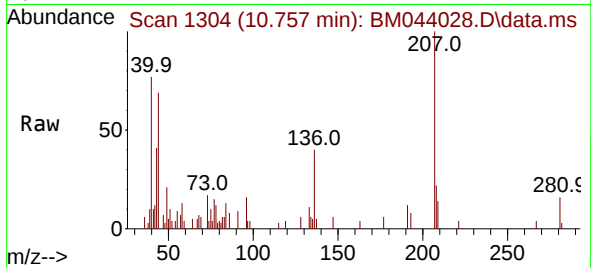




#31
Naphthalene
Concen: 0.002 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

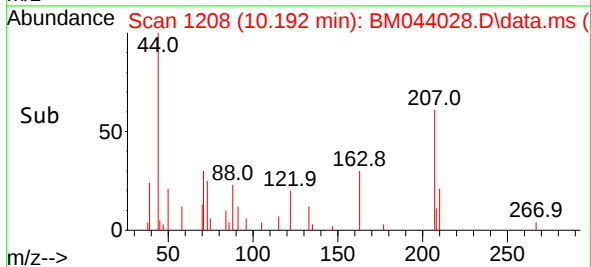
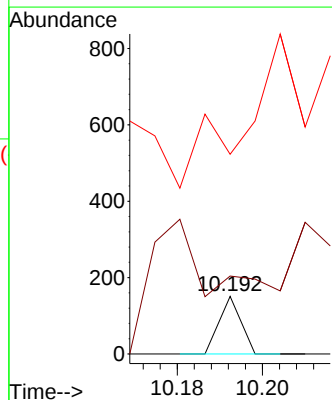
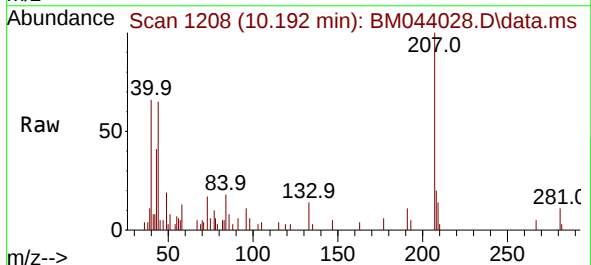
Instrument :
BNA_M
ClientSampleId :
PB158806TB

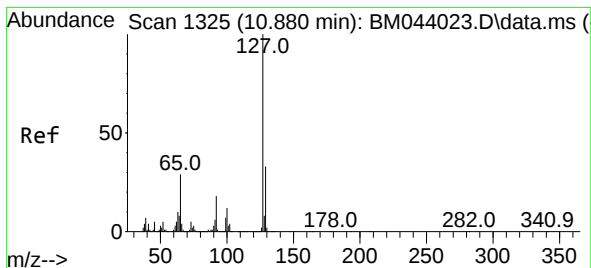
Tgt Ion:128 Resp: 189
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.3 15.5#



#32
Benzoic acid
Concen: 0.003 ng
RT: 10.192 min Scan# 1208
Delta R.T. 0.164 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 135.1 100.1 140.1
77 346.4 69.6 109.6#

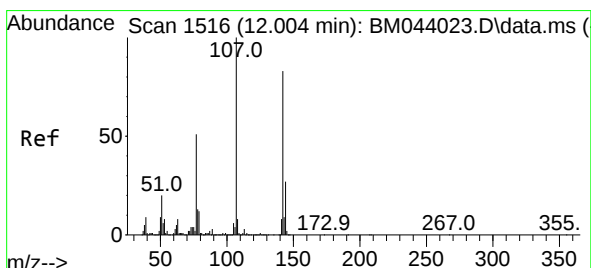
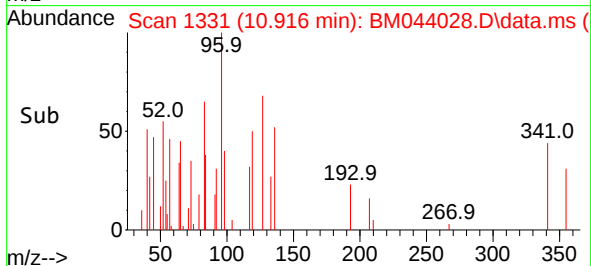
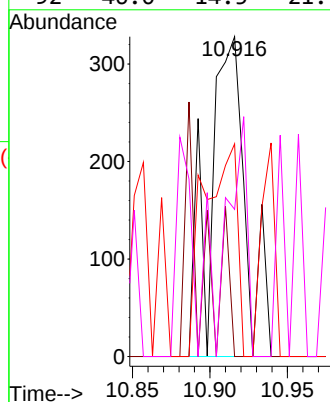
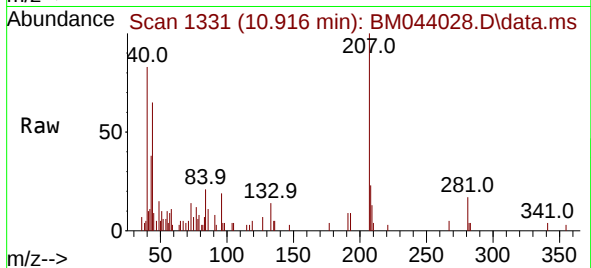




#33
4-Chloroaniline
Concen: 0.017 ng
RT: 10.916 min Scan# 11
Delta R.T. 0.035 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

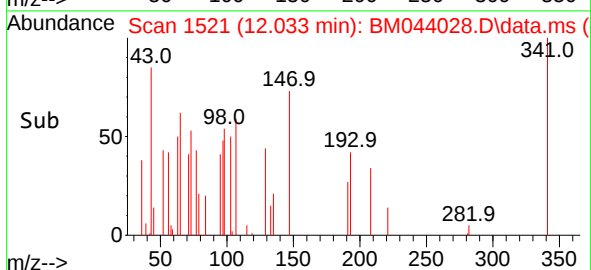
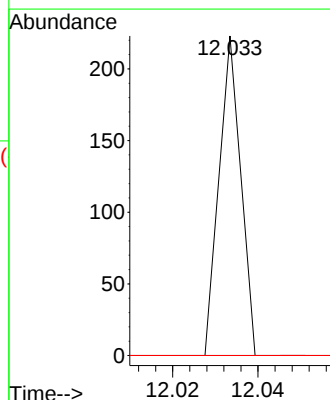
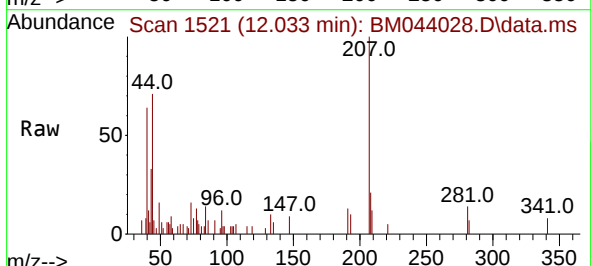
Instrument :
BNA_M
ClientSampleId :
PB158806TB

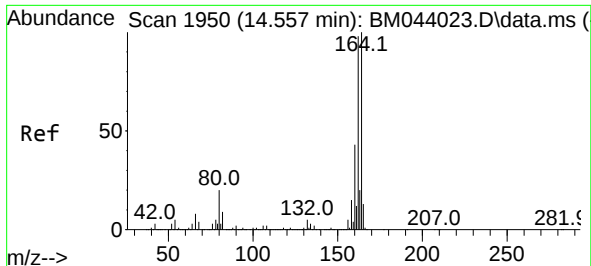
Tgt Ion:127	Resp:	528
Ion Ratio	Lower	Upper
127	100	
129	0.0	26.0 39.0#
65	66.5	23.0 34.6#
92	46.0	14.5 21.7#



#36
4-Chloro-3-methylphenol
Concen: 0.003 ng
RT: 12.033 min Scan# 1521
Delta R.T. 0.030 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:107	Resp:	79
Ion Ratio	Lower	Upper
107	100	
144	0.0	21.3 31.9#
142	0.0	66.2 99.4#

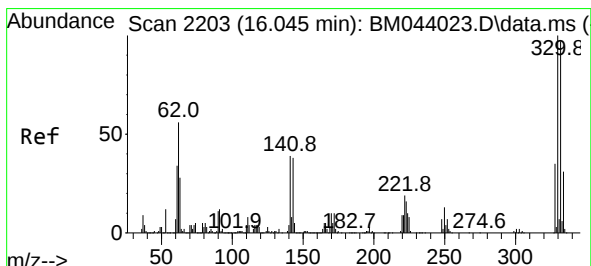
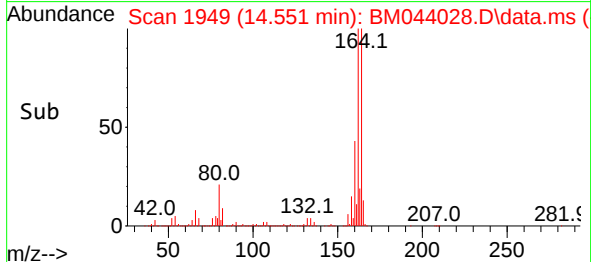
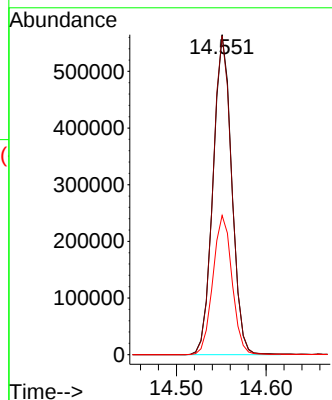
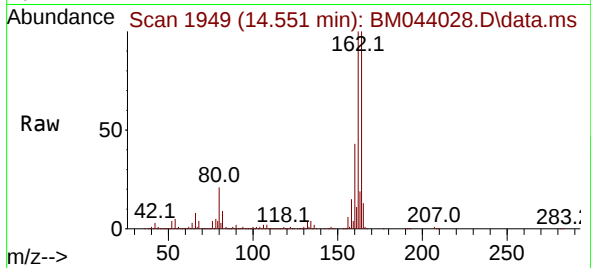




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

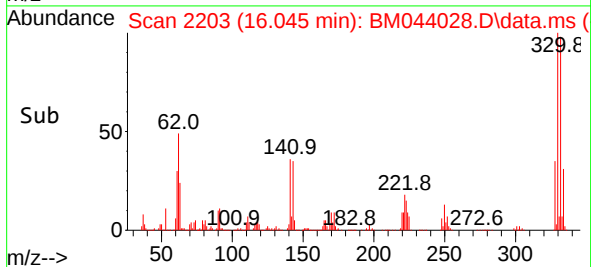
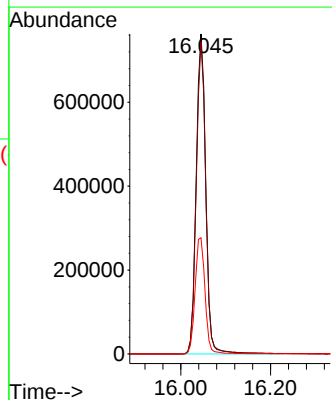
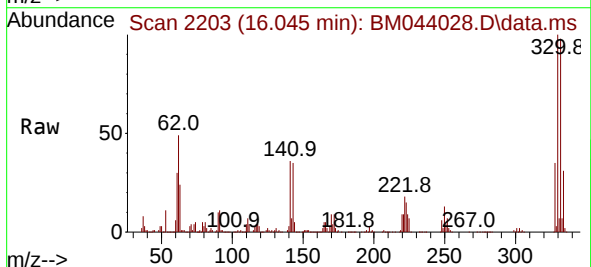
Instrument :
BNA_M
ClientSampleId :
PB158806TB

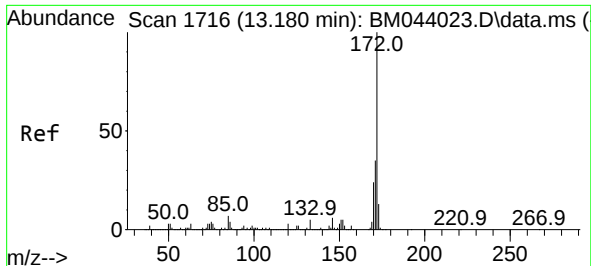
Tgt Ion:164 Resp: 816025
Ion Ratio Lower Upper
164 100
162 99.7 78.4 117.6
160 43.5 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 128.080 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:330 Resp: 1131631
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 37.6 31.0 46.4

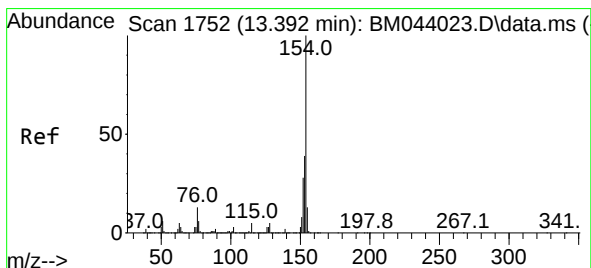
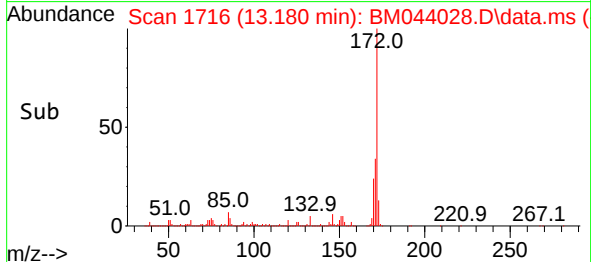
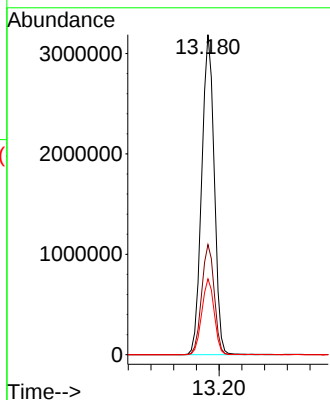
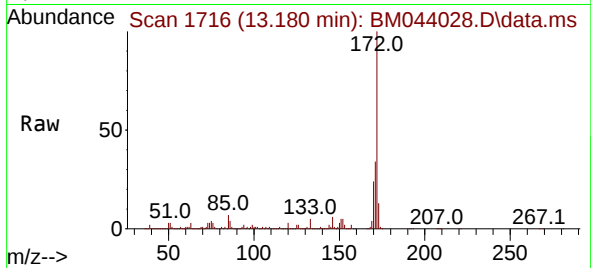




#45
2-Fluorobiphenyl
Concen: 84.286 ng
RT: 13.180 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

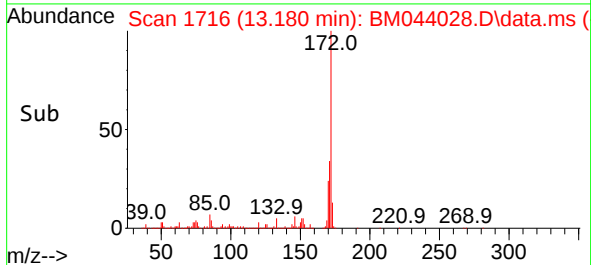
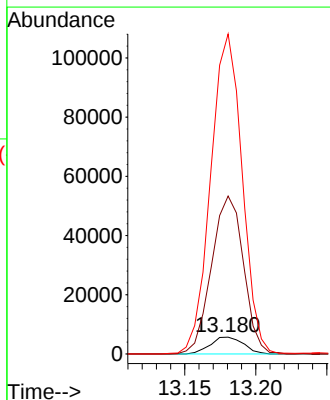
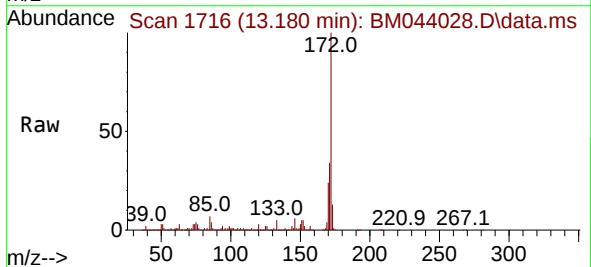
Instrument :
BNA_M
ClientSampleId :
PB158806TB

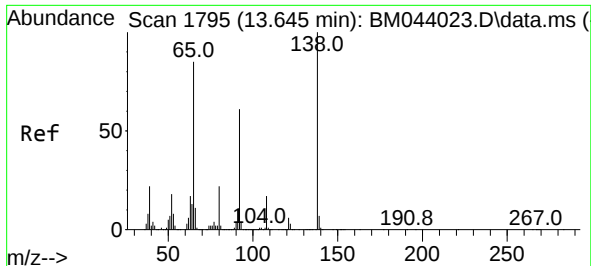
Tgt Ion:172 Resp: 4873390
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 0.144 ng
RT: 13.180 min Scan# 1716
Delta R.T. -0.212 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:154 Resp: 9261
Ion Ratio Lower Upper
154 100
153 941.9 19.4 59.4#
76 1908.1 0.0 32.9#

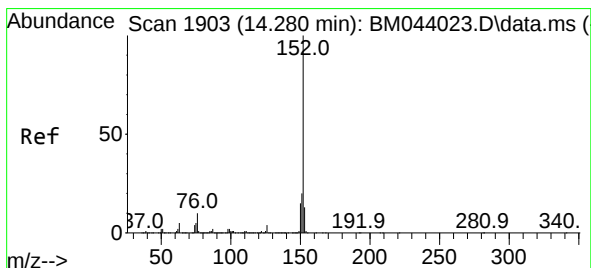
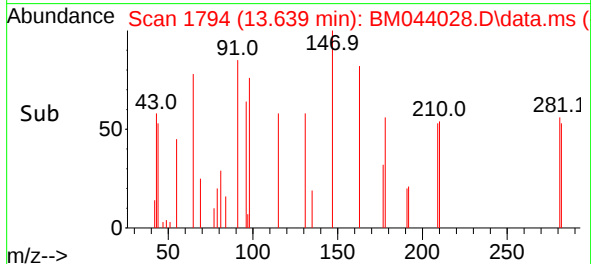
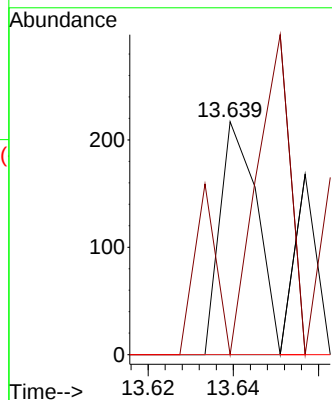
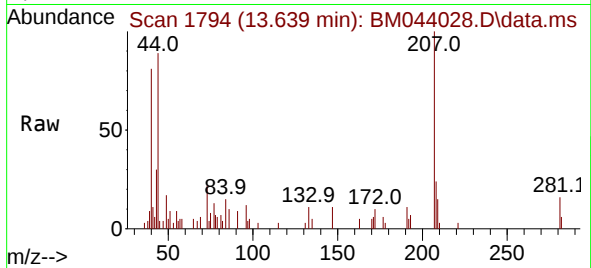




#48
2-Nitroaniline
Concen: 0.009 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

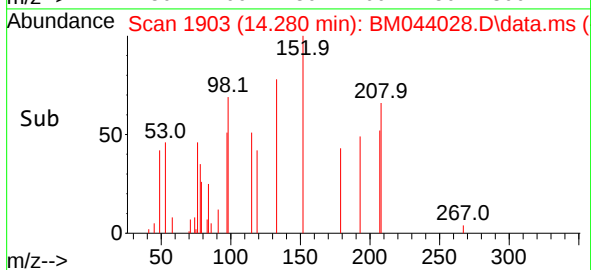
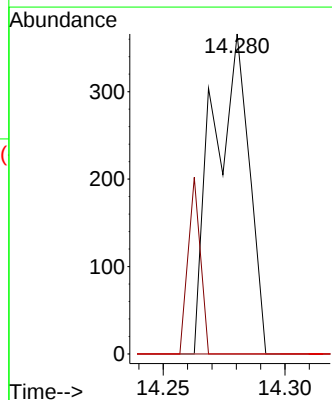
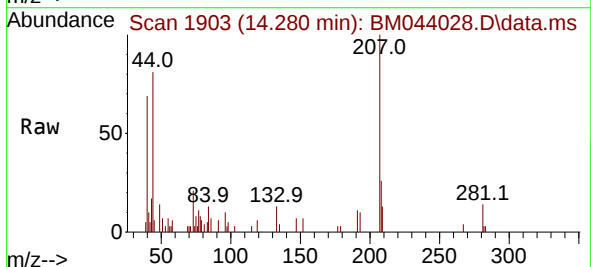
Instrument :
BNA_M
ClientSampleId :
PB158806TB

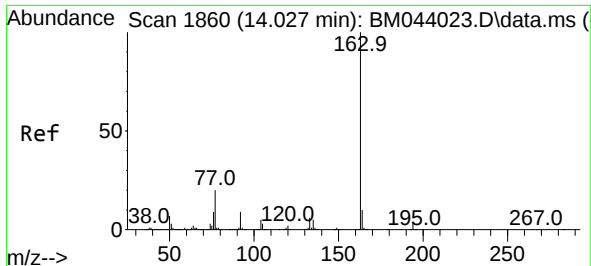
Tgt Ion: 65 Resp: 132
Ion Ratio Lower Upper
65 100
92 0.0 58.1 87.1#
138 0.0 94.6 142.0#



#49
Acenaphthylene
Concen: 0.005 ng
RT: 14.280 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion: 152 Resp: 376
Ion Ratio Lower Upper
152 100
151 0.0 15.8 23.6#
153 0.0 10.5 15.7#

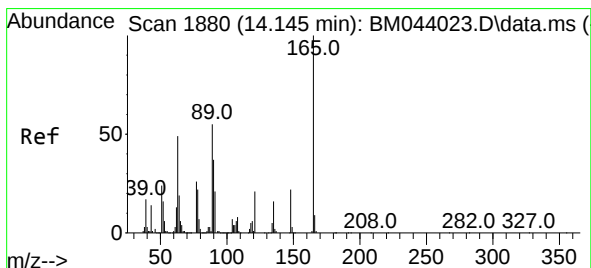
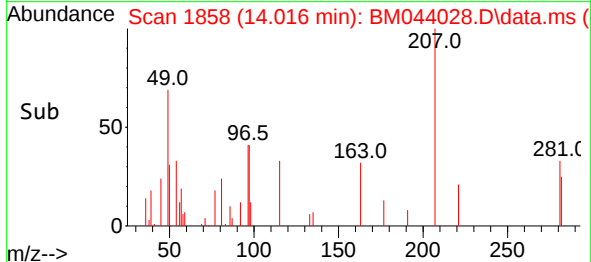
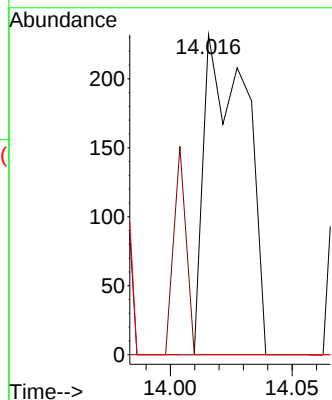
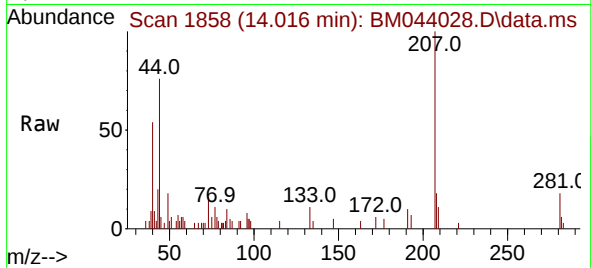




#50
Dimethylphthalate
Concen: 0.005 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

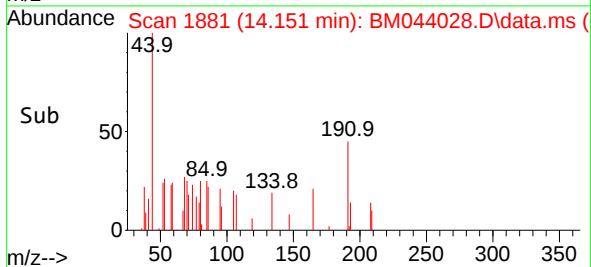
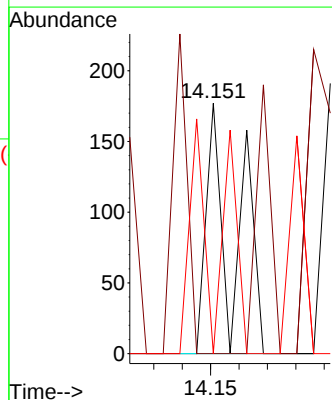
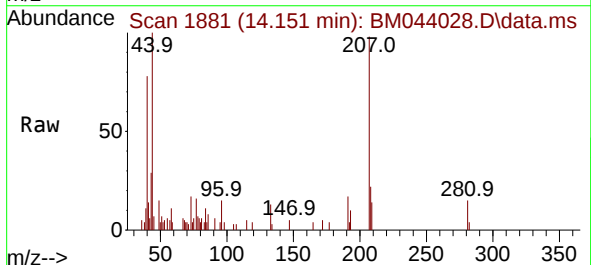
Instrument :
BNA_M
ClientSampleId :
PB158806TB

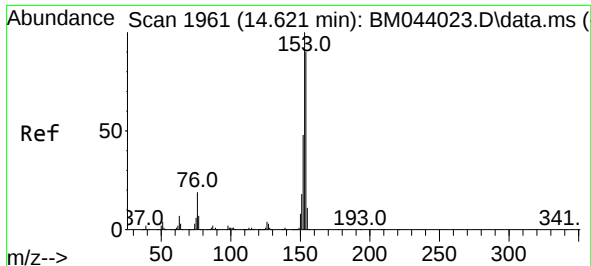
Tgt Ion:163 Resp: 279
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 0.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 0.009 ng
RT: 14.151 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:165 Resp: 118
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 44.4 66.6#

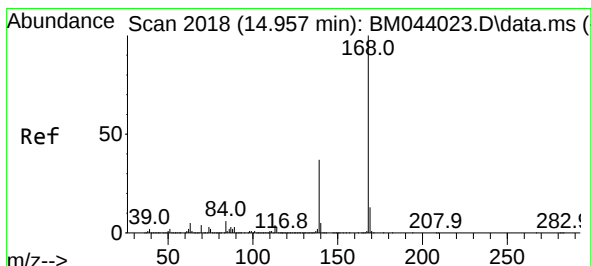
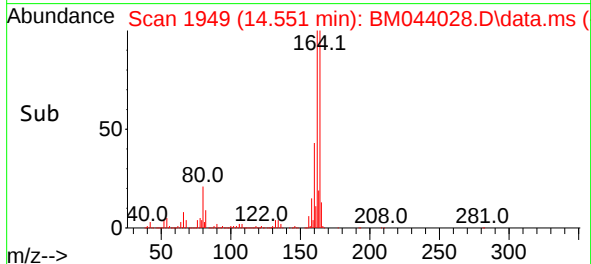
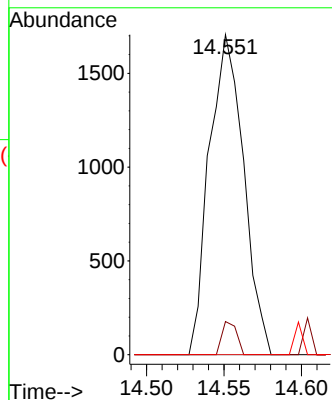
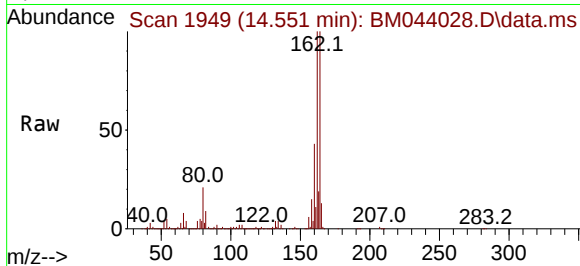




#52
Acenaphthene
Concen: 0.056 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.070 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

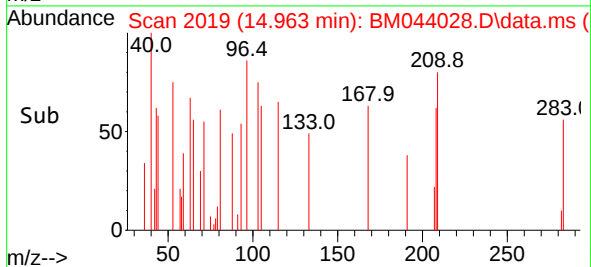
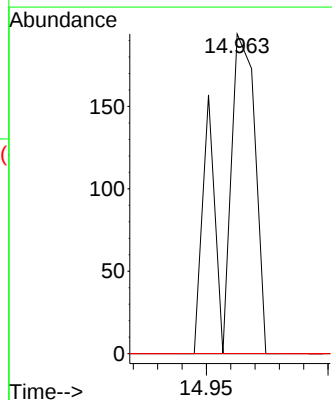
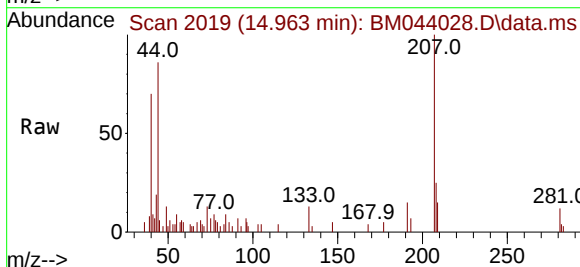
Instrument :
BNA_M
ClientSampleId :
PB158806TB

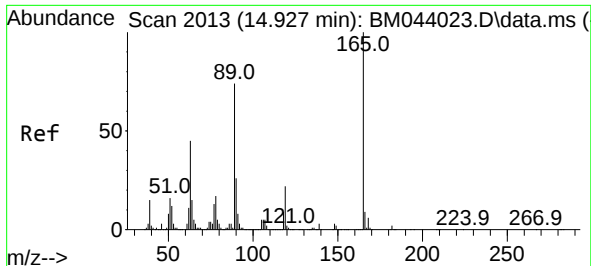
Tgt Ion:154 Resp: 2632
Ion Ratio Lower Upper
154 100
153 10.4 89.3 133.9#
152 0.0 43.0 64.6#



#55
Dibenzofuran
Concen: 0.003 ng
RT: 14.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

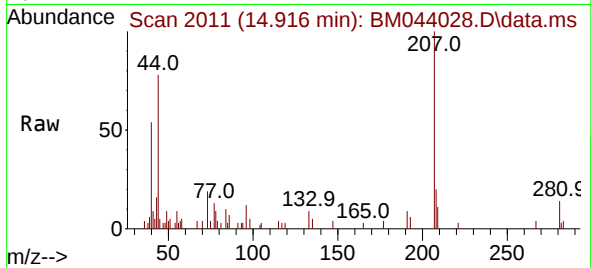
Tgt Ion:168 Resp: 185
Ion Ratio Lower Upper
168 100
139 0.0 29.6 44.4#
169 0.0 10.5 15.7#



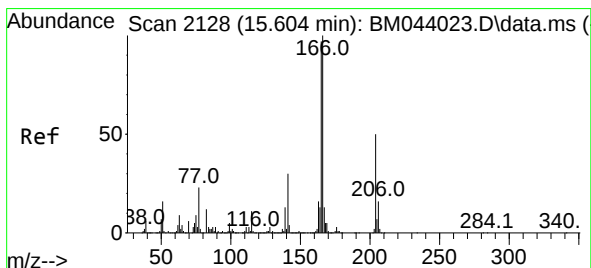
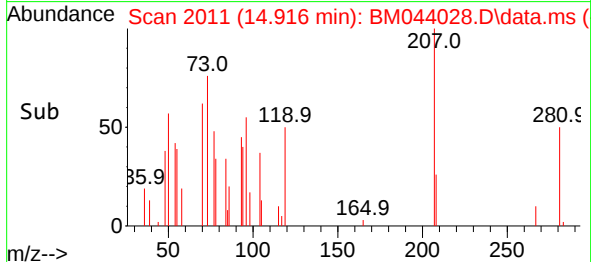
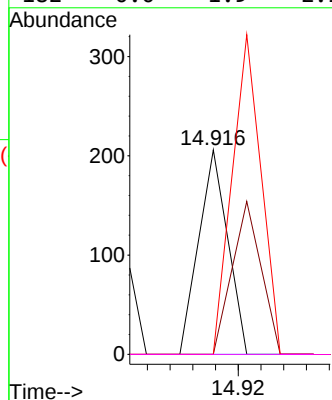


#57
2,4-Dinitrotoluene
Concen: 0.004 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Instrument :
BNA_M
ClientSampleId :
PB158806TB

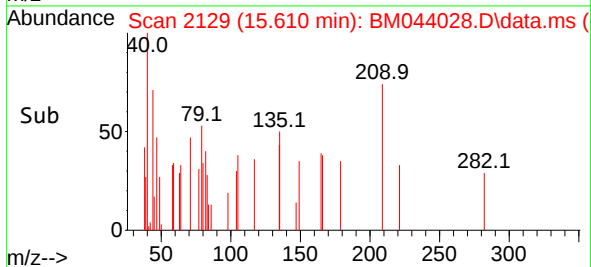
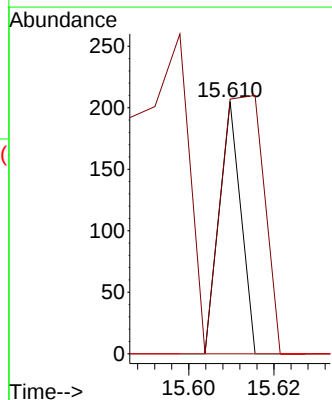
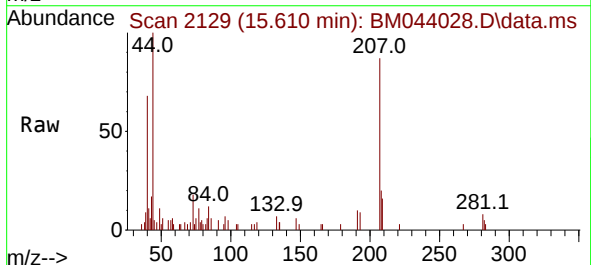


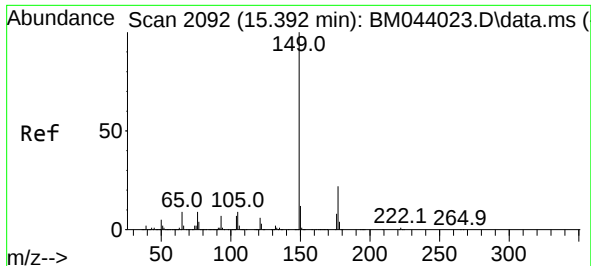
Tgt Ion:	165	Resp:	73
Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.9	53.9#
89	0.0	58.9	88.3#
182	0.0	1.9	2.9#



#58
Fluorene
Concen: 0.001 ng
RT: 15.610 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:	166	Resp:	72
Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.7	116.5
167	0.0	10.7	16.1#

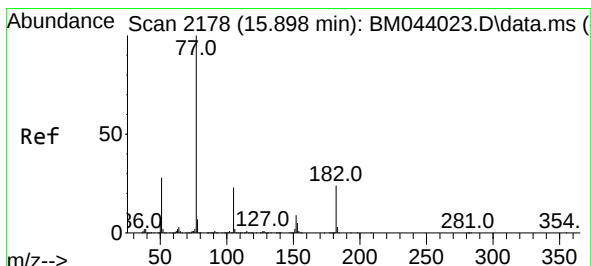
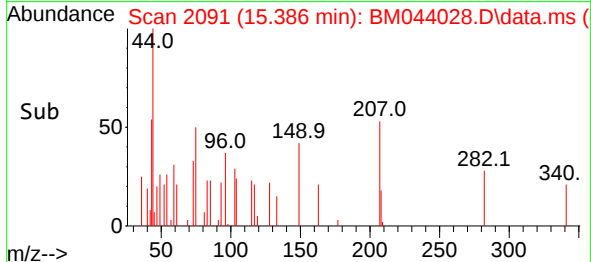
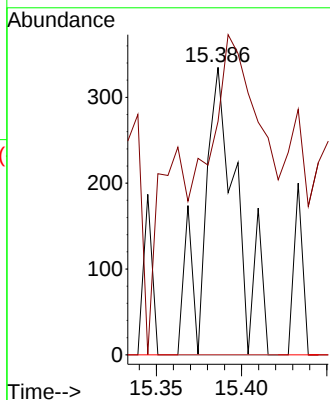
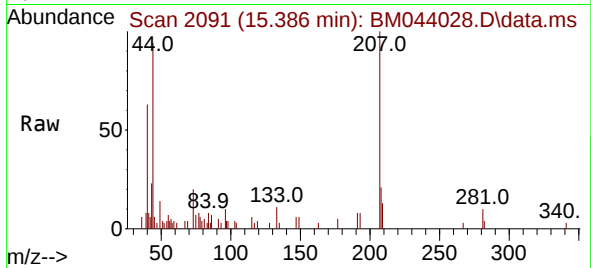




#60
Diethylphthalate
Concen: 0.007 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

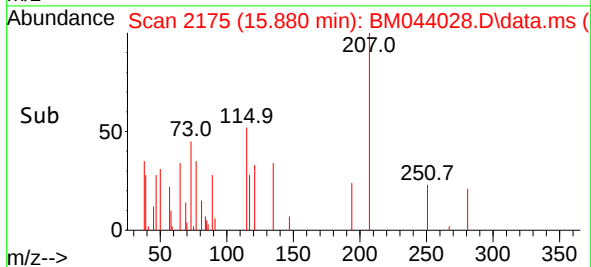
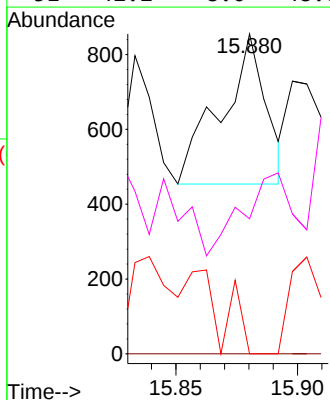
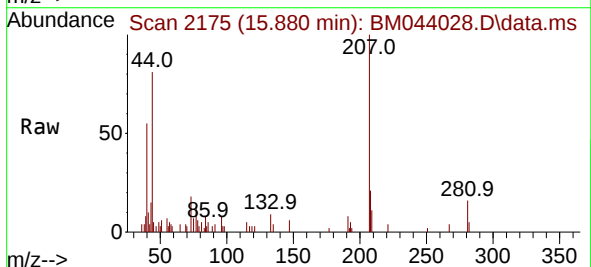
Instrument :
BNA_M
ClientSampleId :
PB158806TB

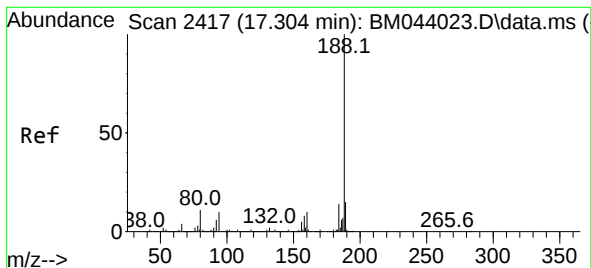
Tgt Ion:149 Resp: 467
Ion Ratio Lower Upper
149 100
177 81.2 17.5 26.3#
150 0.0 9.8 14.6#



#63
Azobenzene
Concen: 0.009 ng
RT: 15.880 min Scan# 2175
Delta R.T. -0.018 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion: 77 Resp: 514
Ion Ratio Lower Upper
77 100
182 0.0 4.0 44.0#
105 0.0 3.3 43.3#
51 42.2 8.0 48.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

Instrument :

BNA_M

ClientSampleId :

PB158806TB

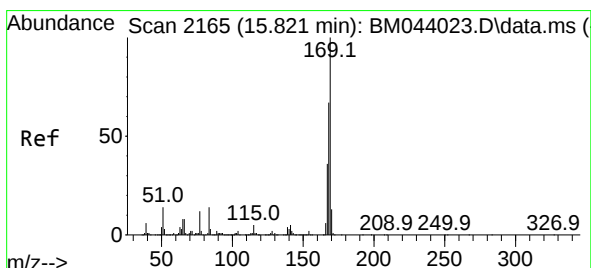
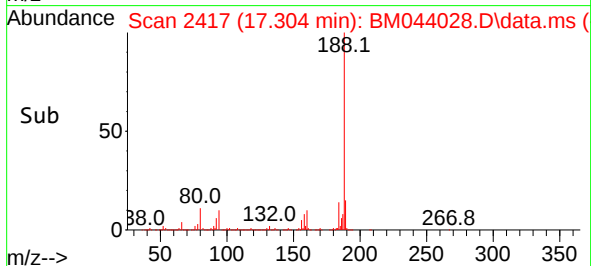
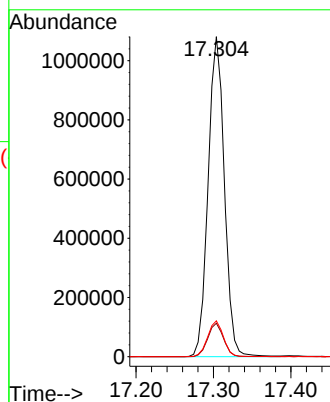
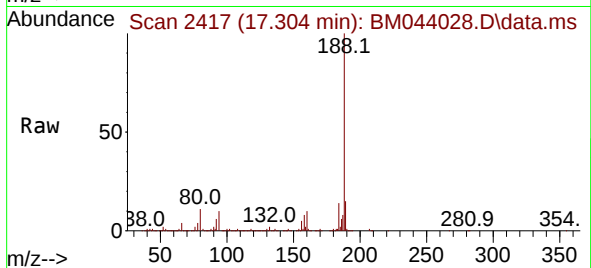
Tgt Ion:188 Resp: 1573412

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

80 11.2 8.8 13.2



#66

n-Nitrosodiphenylamine

Concen: 0.784 ng

RT: 16.045 min Scan# 2203

Delta R.T. 0.224 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

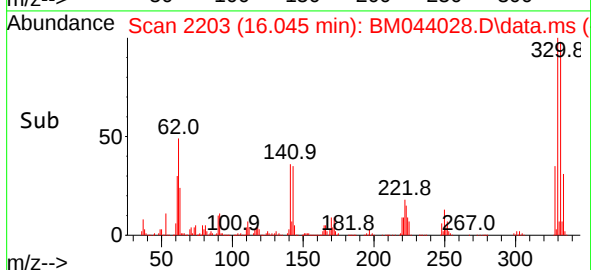
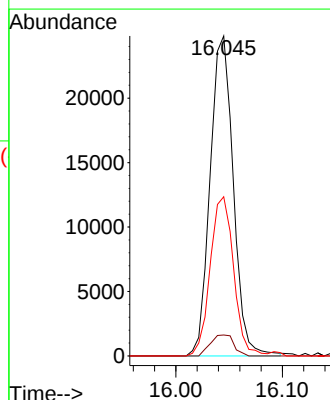
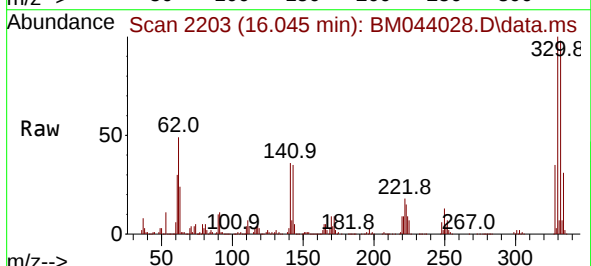
Tgt Ion:169 Resp: 37464

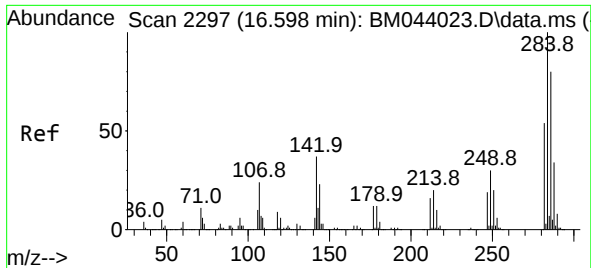
Ion Ratio Lower Upper

169 100

168 6.6 53.8 80.8#

167 49.7 29.2 43.8#

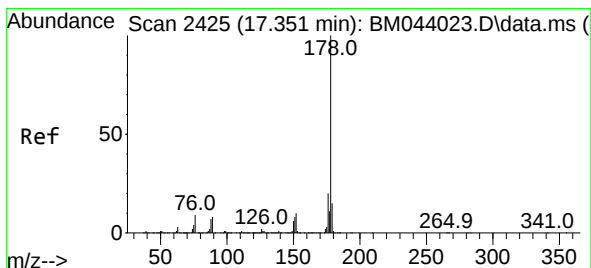
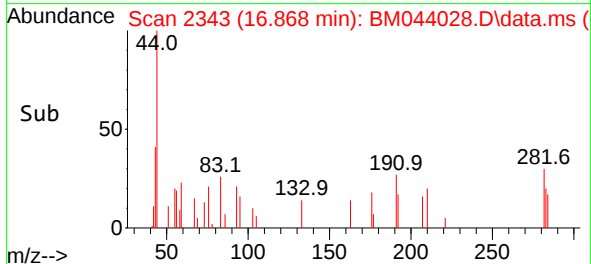
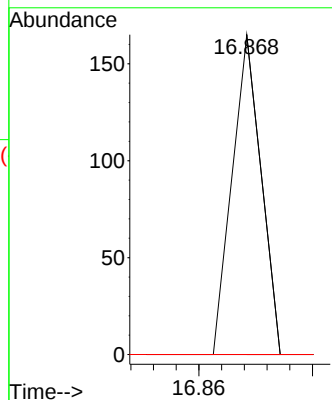
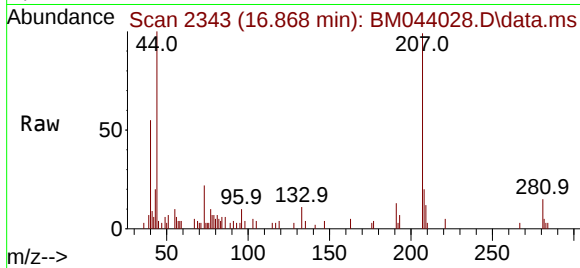




#68
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.868 min Scan# 21
Delta R.T. 0.271 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

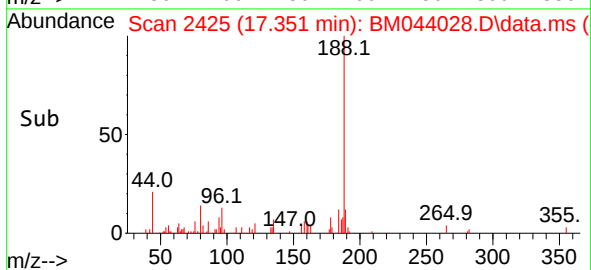
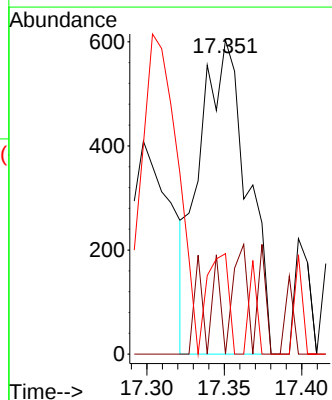
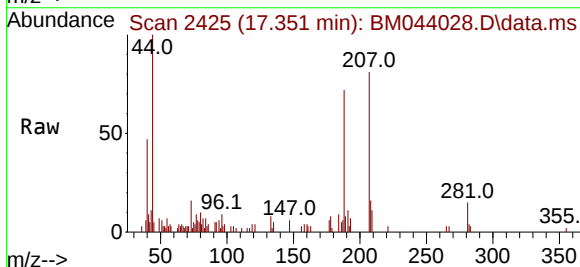
Instrument :
BNA_M
ClientSampleId :
PB158806TB

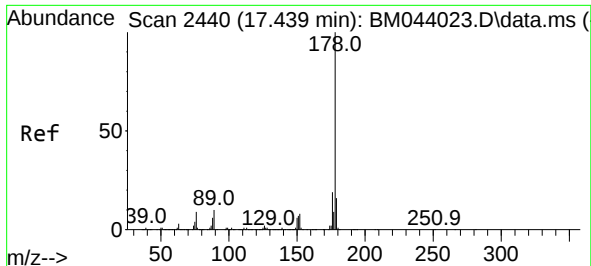
Tgt Ion:284 Resp: 58
Ion Ratio Lower Upper
284 100
142 0.0 30.0 45.0#
249 0.0 24.1 36.1#



#71
Phenanthrene
Concen: 0.015 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:178 Resp: 1287
Ion Ratio Lower Upper
178 100
176 0.0 15.6 23.4#
179 32.0 12.2 18.4#

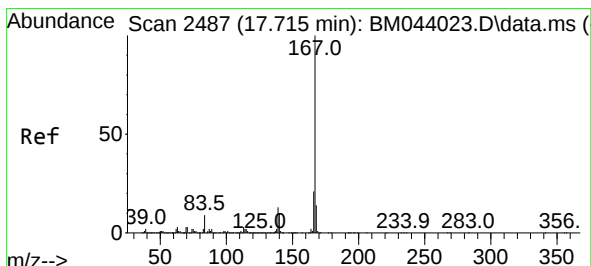
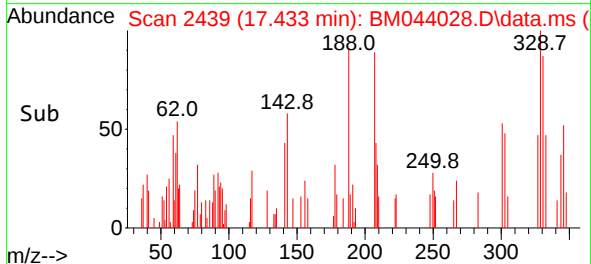
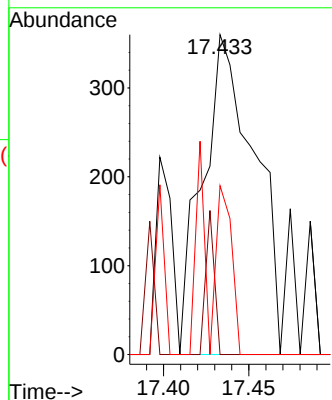
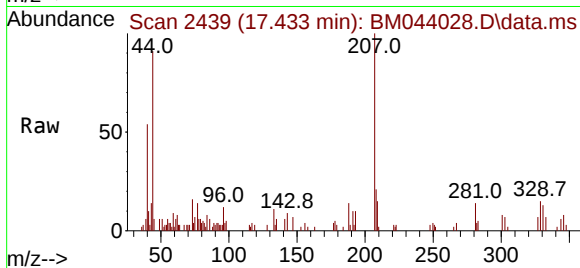




#72
 Anthracene
 Concen: 0.009 ng
 RT: 17.433 min Scan# 2439
 Delta R.T. -0.006 min
 Lab File: BM044028.D
 Acq: 08 Feb 2024 18:44

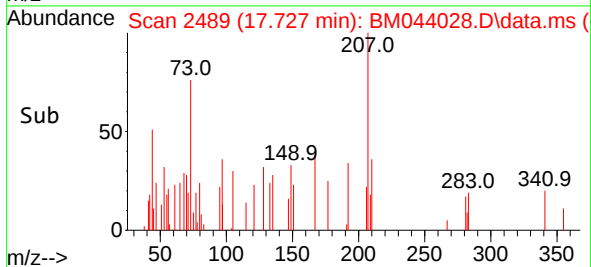
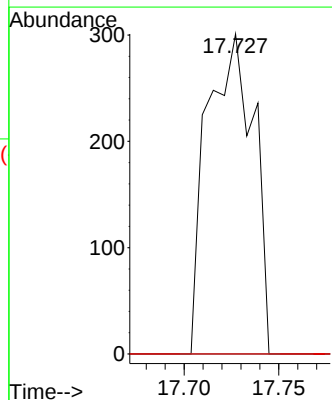
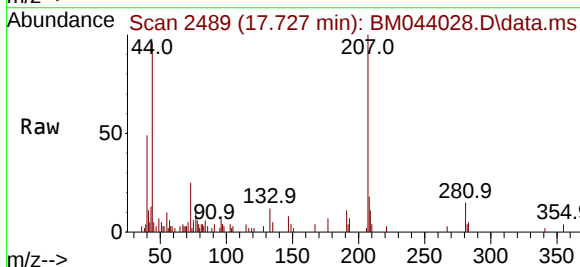
Instrument :
 BNA_M
 ClientSampleId :
 PB158806TB

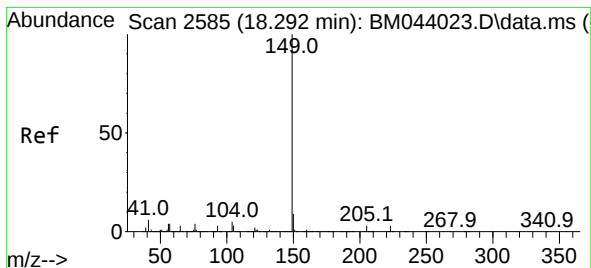
Tgt Ion:178 Resp: 764
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.3 22.9#
 179 52.8 12.4 18.6#



#73
 Carbazole
 Concen: 0.006 ng
 RT: 17.727 min Scan# 2489
 Delta R.T. 0.012 min
 Lab File: BM044028.D
 Acq: 08 Feb 2024 18:44

Tgt Ion:167 Resp: 515
 Ion Ratio Lower Upper
 167 100
 166 0.0 16.8 25.2#
 139 0.0 10.4 15.6#





#74

Di-n-butylphthalate

Concen: 0.011 ng

RT: 18.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

Instrument :

BNA_M

ClientSampleId :

PB158806TB

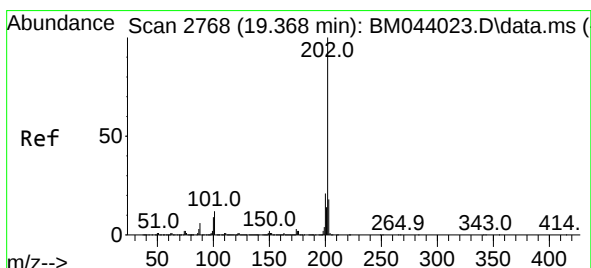
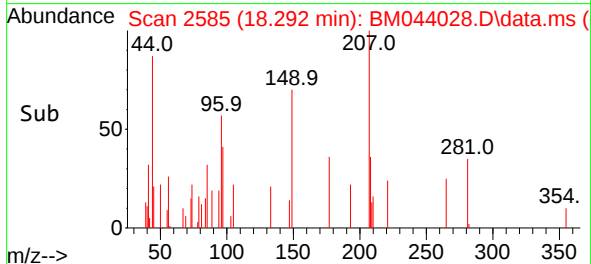
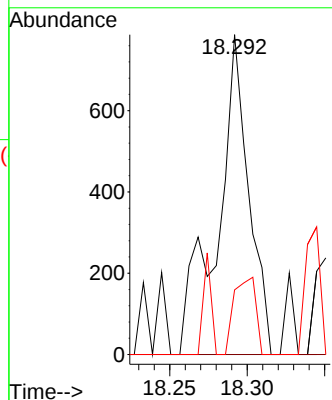
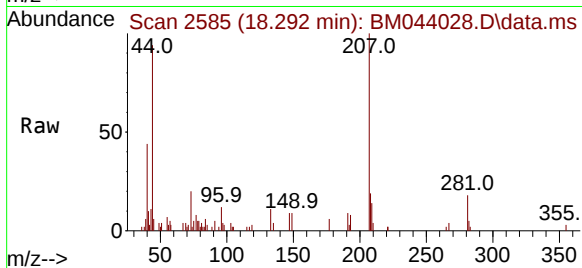
Tgt Ion:149 Resp: 1117

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

104 20.2 3.8 5.6#



#75

Fluoranthene

Concen: 0.012 ng

RT: 19.368 min Scan# 2768

Delta R.T. 0.000 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

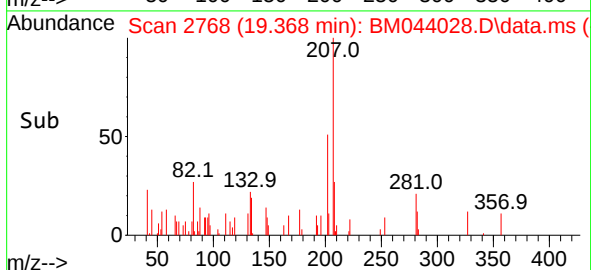
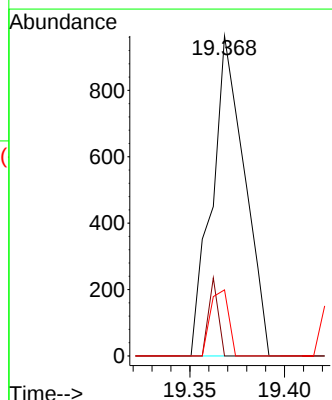
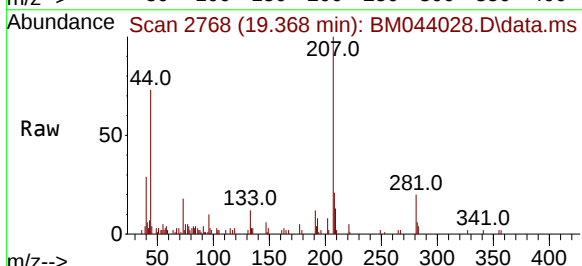
Tgt Ion:202 Resp: 1156

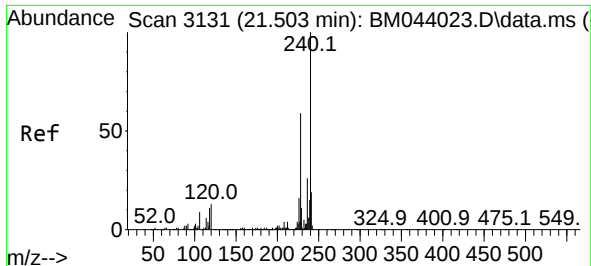
Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.4

203 20.6 0.0 37.8

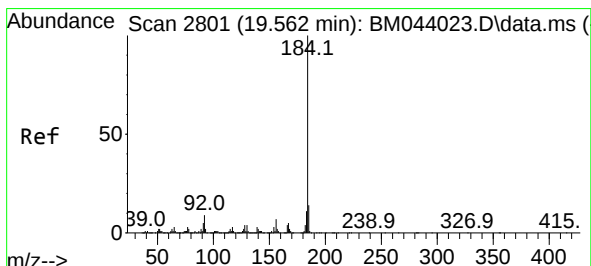
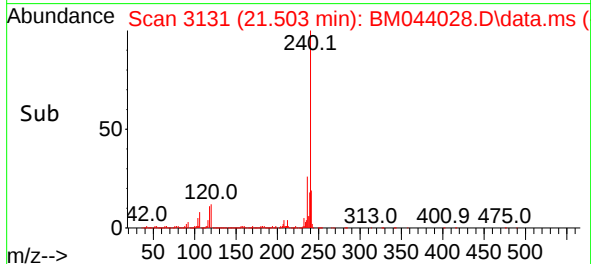
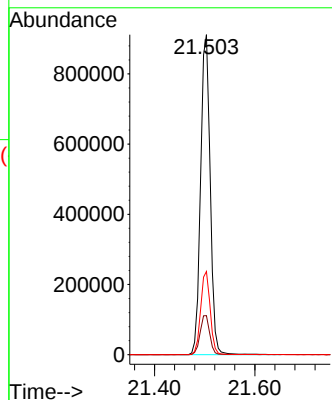
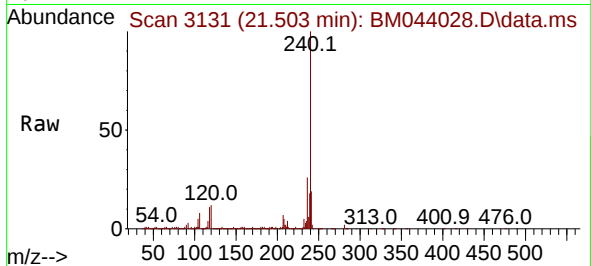




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

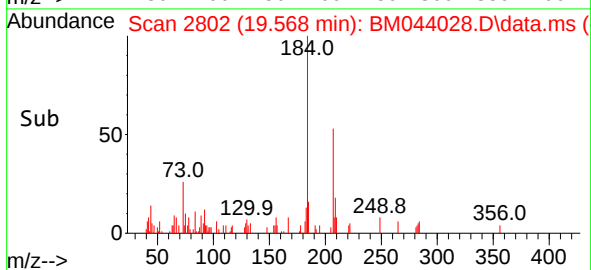
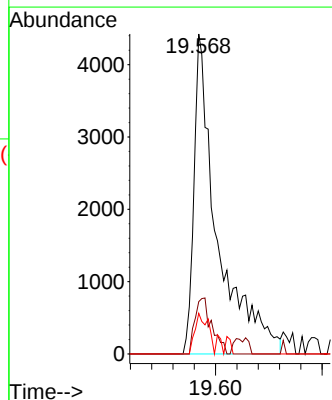
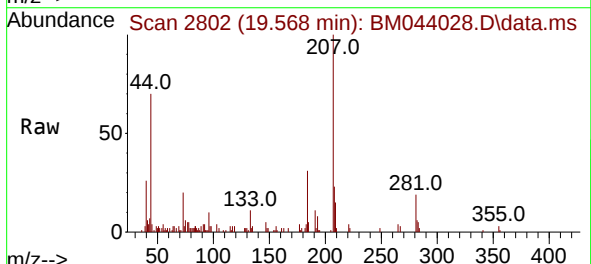
Instrument :
BNA_M
ClientSampleId :
PB158806TB

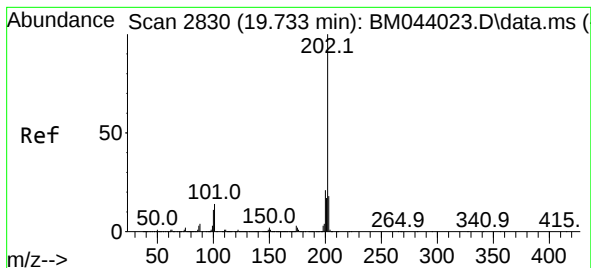
Tgt Ion:240 Resp: 1207310
Ion Ratio Lower Upper
240 100
120 12.2 10.1 15.1
236 26.0 20.6 31.0



#77
Benzidine
Concen: 0.720 ng
RT: 19.568 min Scan# 2802
Delta R.T. 0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:184 Resp: 13506
Ion Ratio Lower Upper
184 100
185 16.4 11.0 16.6
183 12.7 9.0 13.4





#78

Pyrene

Concen: 0.011 ng

RT: 19.733 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

Instrument :

BNA_M

ClientSampleId :

PB158806TB

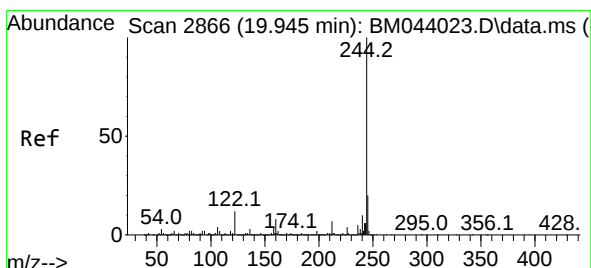
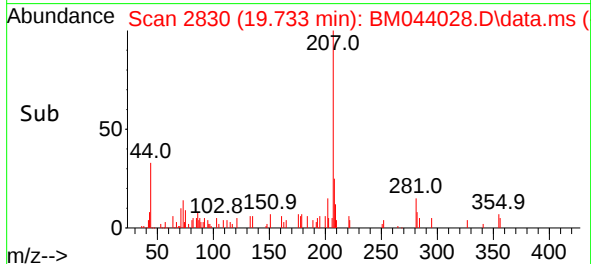
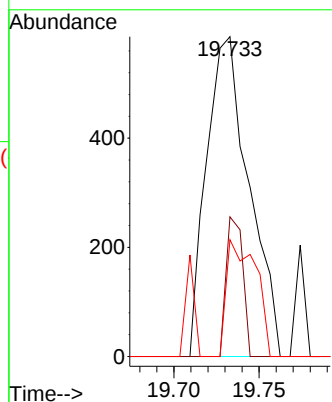
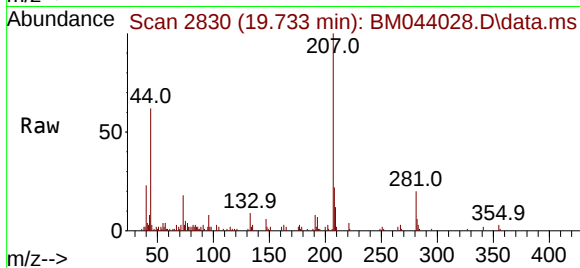
Tgt Ion:202 Resp: 1017

Ion Ratio Lower Upper

202 100

200 43.7 16.8 25.2#

203 36.5 14.0 21.0#



#79

Terphenyl-d14

Concen: 84.807 ng

RT: 19.945 min Scan# 2866

Delta R.T. 0.000 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

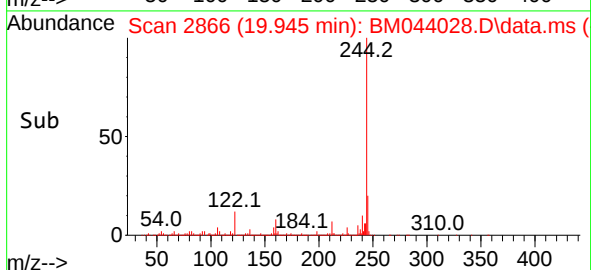
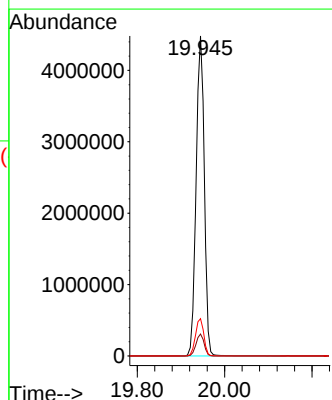
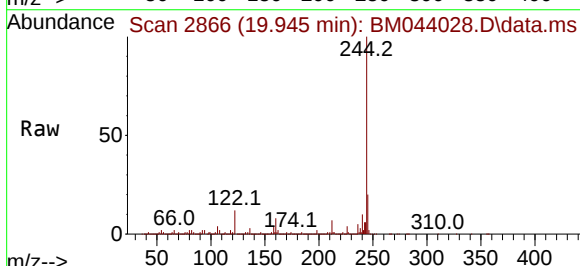
Tgt Ion:244 Resp: 5840626

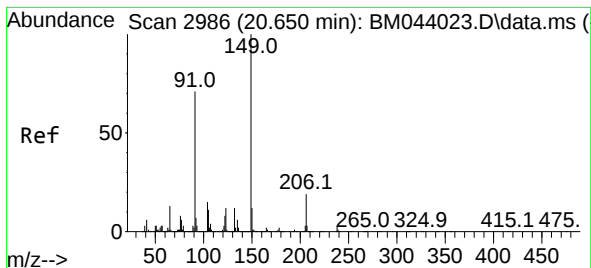
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.6 9.5 14.3





#80

Butylbenzylphthalate

Concen: 0.004 ng

RT: 20.668 min Scan# 2986

Delta R.T. 0.018 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

Instrument :

BNA_M

ClientSampleId :

PB158806TB

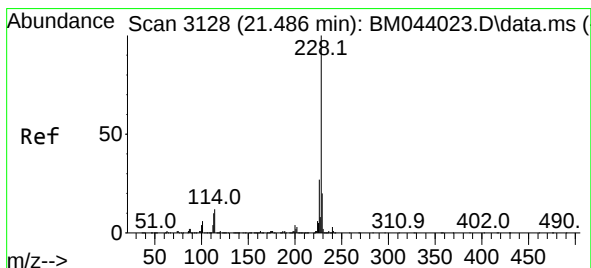
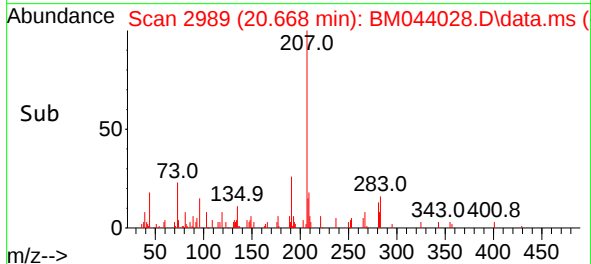
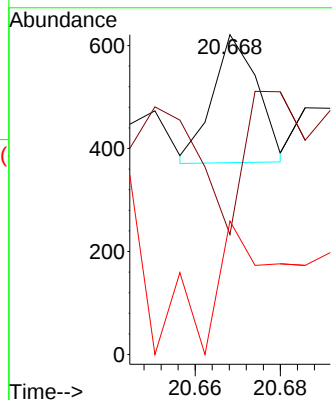
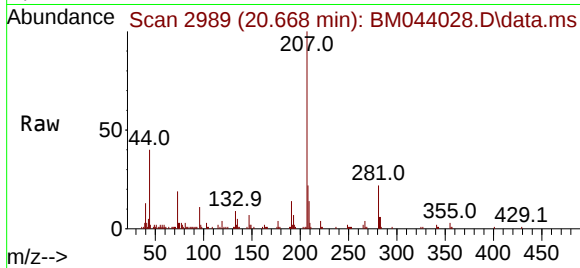
Tgt Ion:149 Resp: 182

Ion Ratio Lower Upper

149 100

91 37.5 56.8 85.2#

206 41.7 15.0 22.6#



#81

Benzo(a)anthracene

Concen: 0.014 ng

RT: 21.539 min Scan# 3137

Delta R.T. 0.053 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

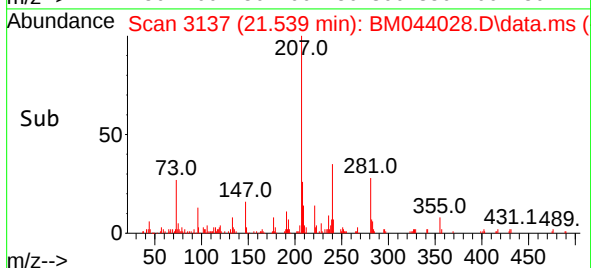
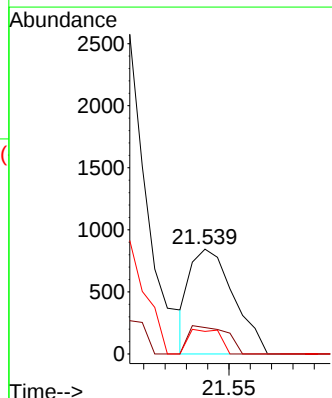
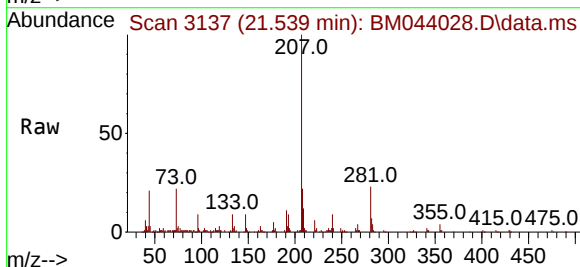
Tgt Ion:228 Resp: 1202

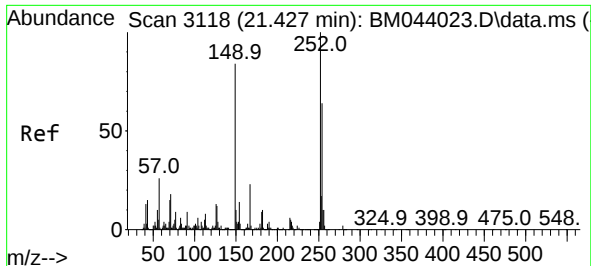
Ion Ratio Lower Upper

228 100

226 25.2 21.4 32.2

229 21.6 15.9 23.9

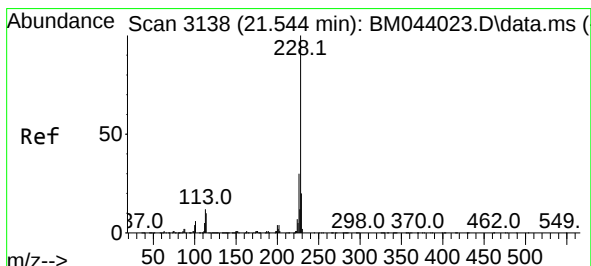
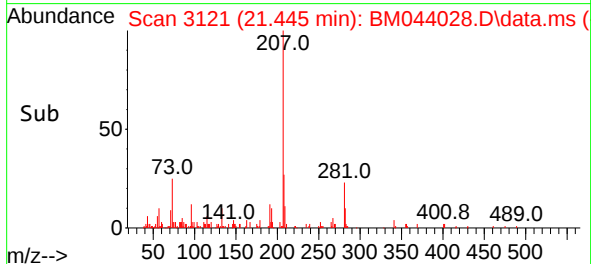
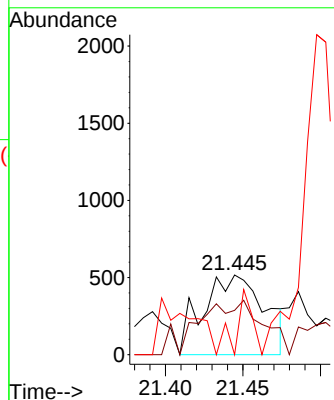
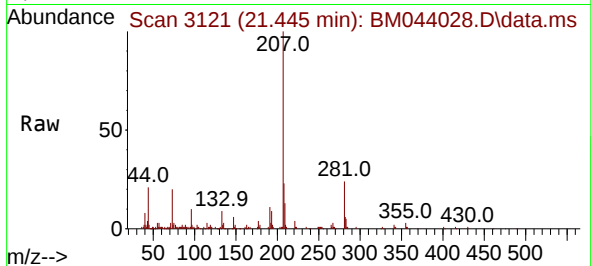




#82
3,3'-Dichlorobenzidine
Concen: 0.052 ng
RT: 21.445 min Scan# 3118
Delta R.T. 0.018 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

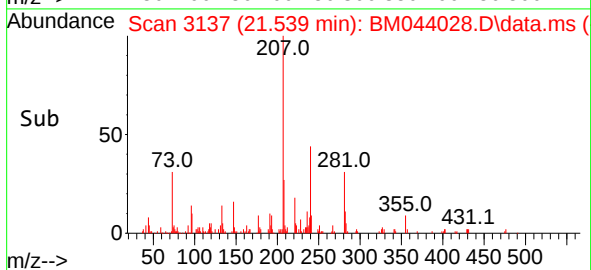
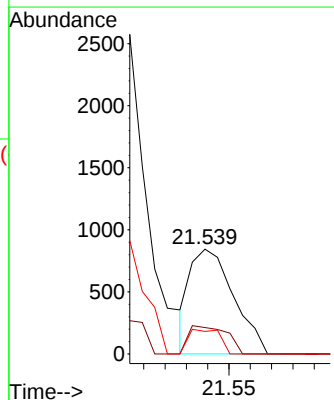
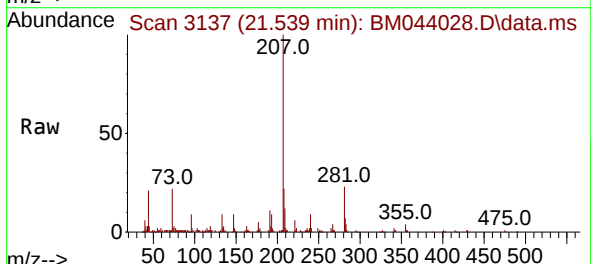
Instrument :
BNA_M
ClientSampleId :
PB158806TB

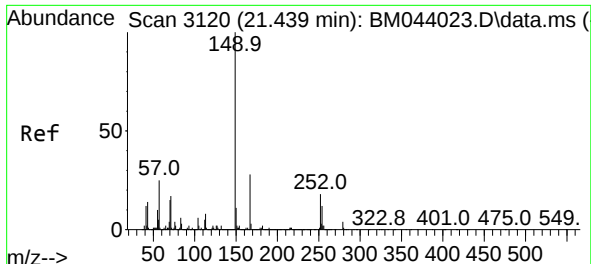
Tgt Ion:252 Resp: 1428
Ion Ratio Lower Upper
252 100
254 55.5 51.2 76.8
126 0.0 10.2 15.4#



#83
Chrysene
Concen: 0.015 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:228 Resp: 1202
Ion Ratio Lower Upper
228 100
226 25.2 24.2 36.2
229 21.6 15.8 23.8

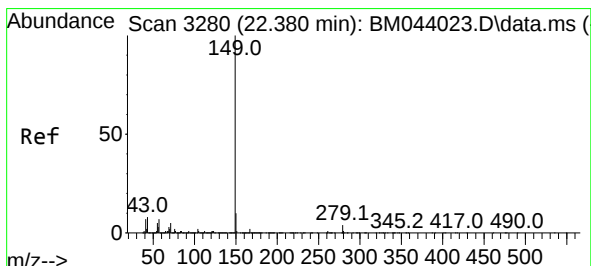
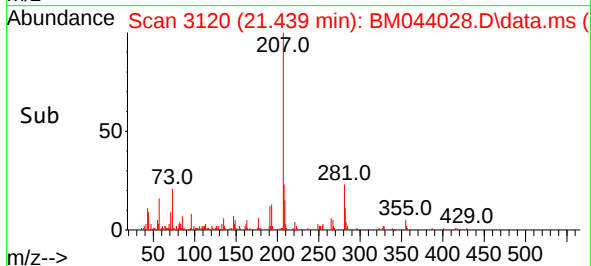
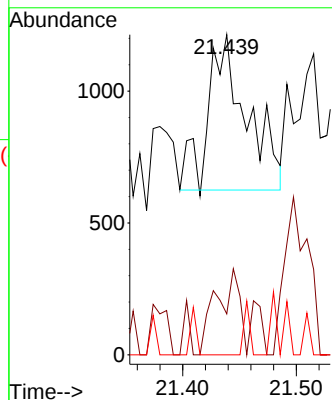
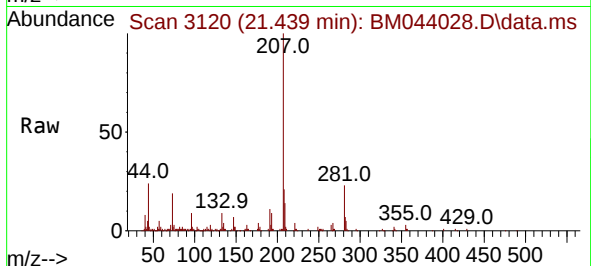




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.023 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

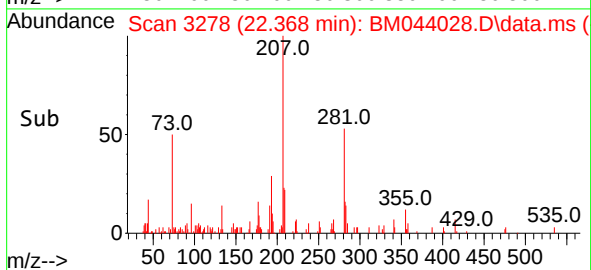
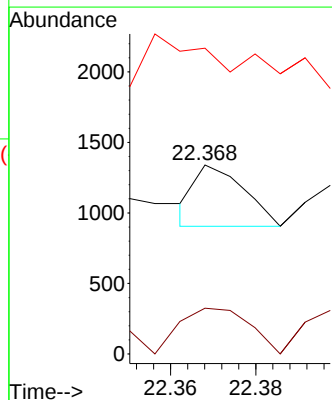
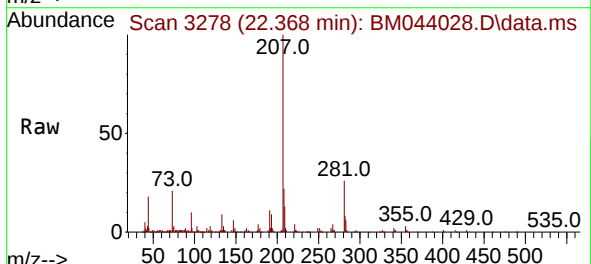
Instrument :
BNA_M
ClientSampleId :
PB158806TB

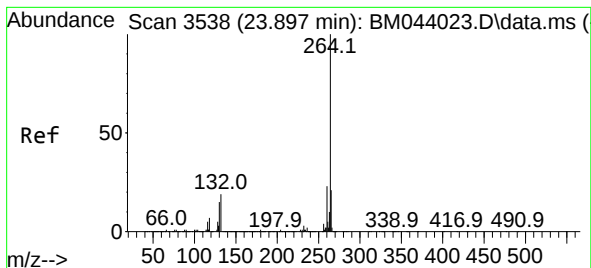
Tgt Ion:149 Resp: 1412
Ion Ratio Lower Upper
149 100
167 12.8 22.6 33.8#
279 0.0 3.1 4.7#



#85
Di-n-octyl phthalate
Concen: 0.003 ng
RT: 22.368 min Scan# 3278
Delta R.T. -0.012 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:149 Resp: 346
Ion Ratio Lower Upper
149 100
167 106.9 1.2 1.8#
43 347.1 7.0 10.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.897 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

Instrument :

BNA_M

ClientSampleId :

PB158806TB

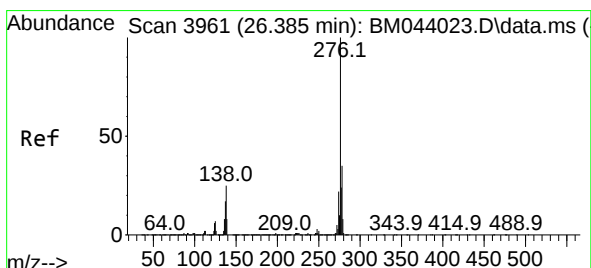
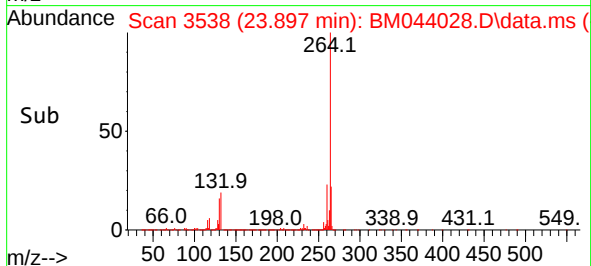
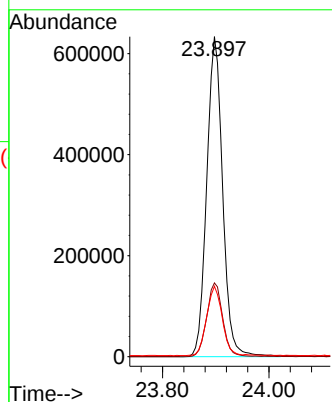
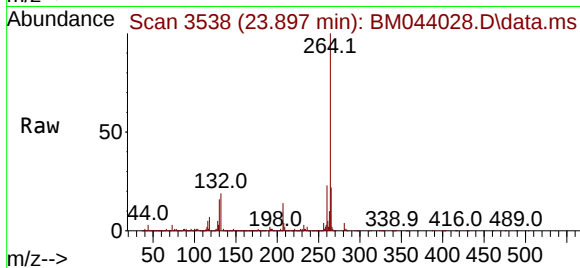
Tgt Ion:264 Resp: 1315176

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 22.0 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.004 ng

RT: 26.385 min Scan# 3961

Delta R.T. 0.000 min

Lab File: BM044028.D

Acq: 08 Feb 2024 18:44

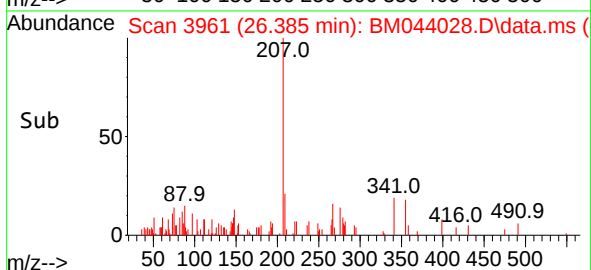
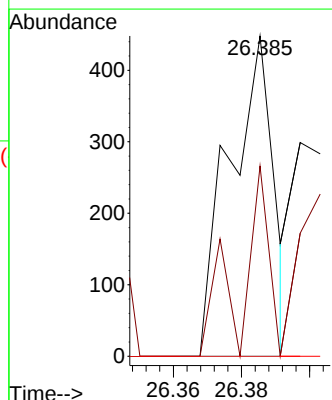
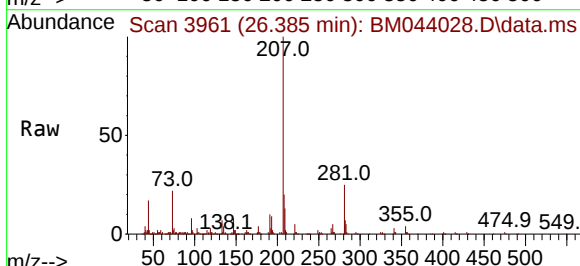
Tgt Ion:276 Resp: 407

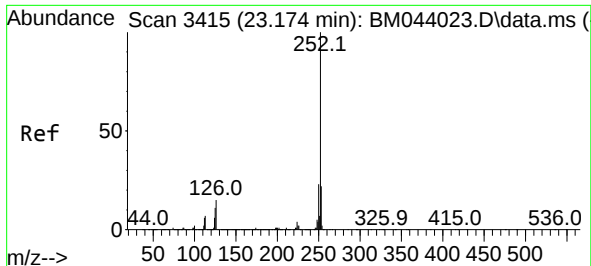
Ion Ratio Lower Upper

276 100

138 37.3 22.6 34.0#

277 0.0 20.2 30.2#

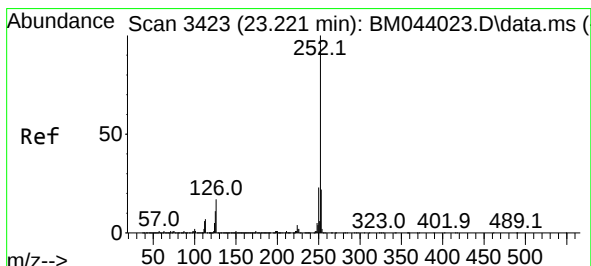
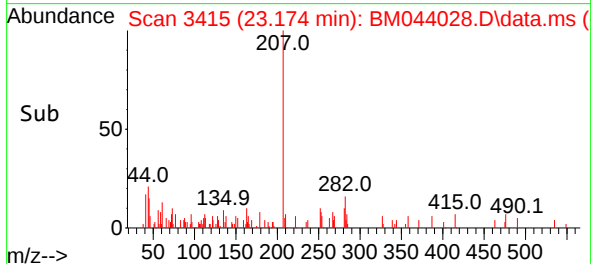
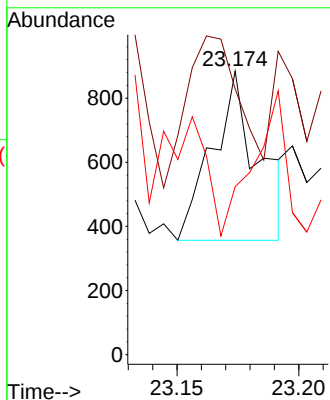
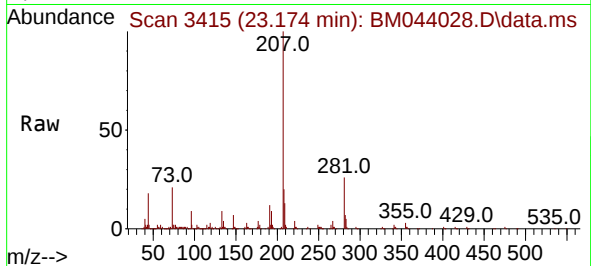




#88
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 23.174 min Scan# 3415
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

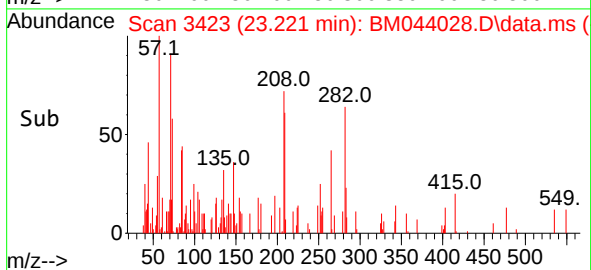
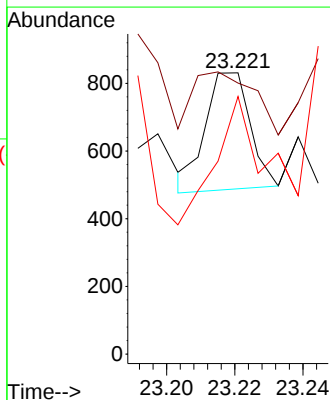
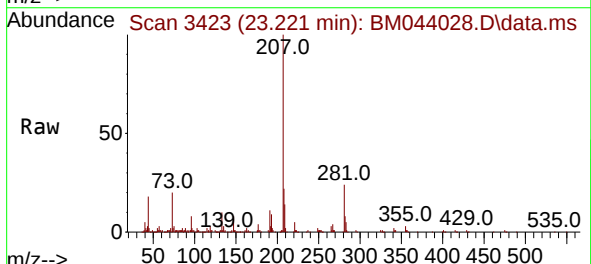
Instrument :
BNA_M
ClientSampleId :
PB158806TB

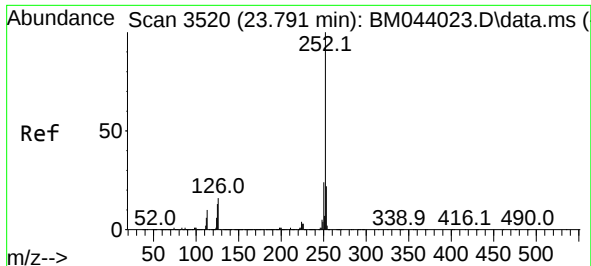
Tgt Ion:252 Resp: 689
Ion Ratio Lower Upper
252 100
253 93.8 17.6 26.4#
125 59.3 8.8 13.2#



#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 23.221 min Scan# 3423
Delta R.T. 0.000 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:252 Resp: 315
Ion Ratio Lower Upper
252 100
253 96.4 17.7 26.5#
125 91.6 9.0 13.4#

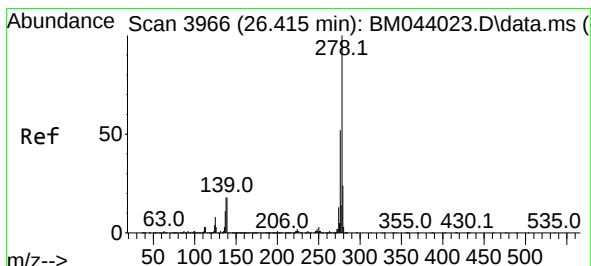
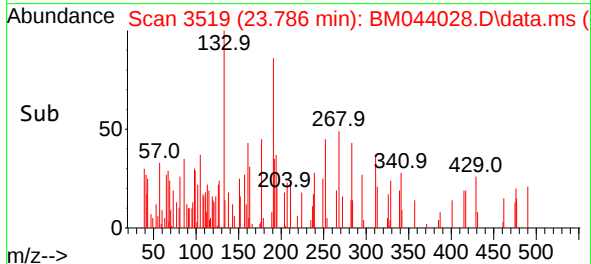
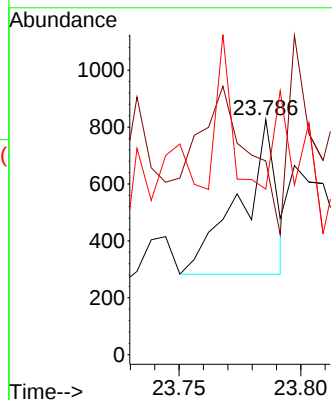
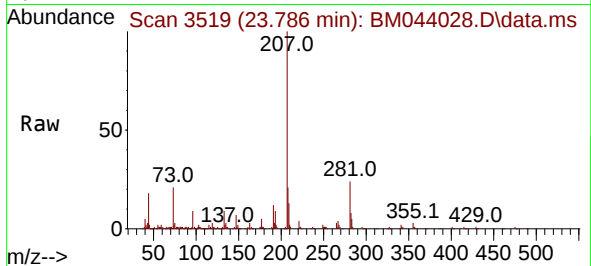




#90
Benzo(a)pyrene
Concen: 0.008 ng
RT: 23.786 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

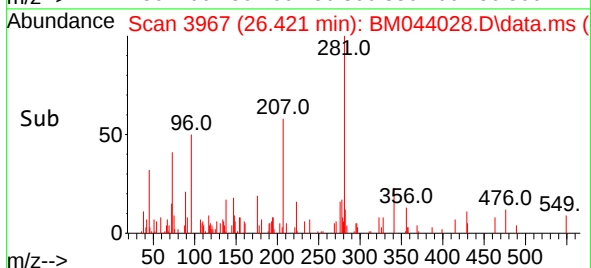
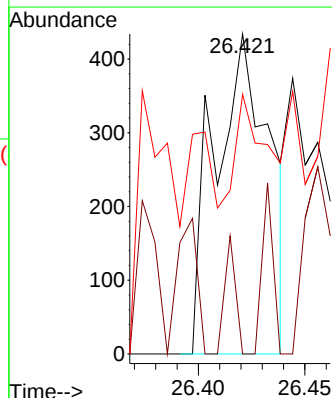
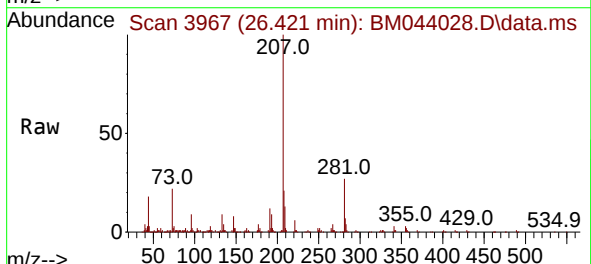
Instrument :
BNA_M
ClientSampleId :
PB158806TB

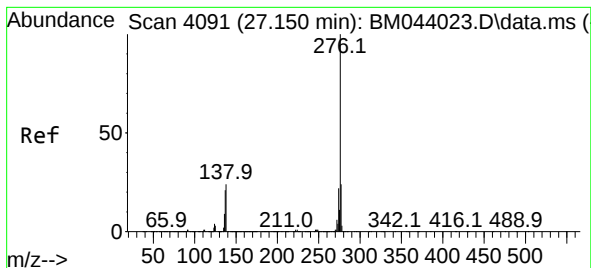
Tgt Ion:252 Resp: 565
Ion Ratio Lower Upper
252 100
253 82.4 17.7 26.5#
125 70.5 10.1 15.1#



#91
Dibenzo(a,h)anthracene
Concen: 0.010 ng
RT: 26.421 min Scan# 3967
Delta R.T. 0.006 min
Lab File: BM044028.D
Acq: 08 Feb 2024 18:44

Tgt Ion:278 Resp: 777
Ion Ratio Lower Upper
278 100
139 0.0 14.5 21.7#
279 81.1 18.9 28.3#





#92

Benzo(g,h,i)perylene

Concen: 0.011 ng

RT: 27.132 min Scan# 40

Delta R.T. -0.017 min

Lab File: BM044028.D

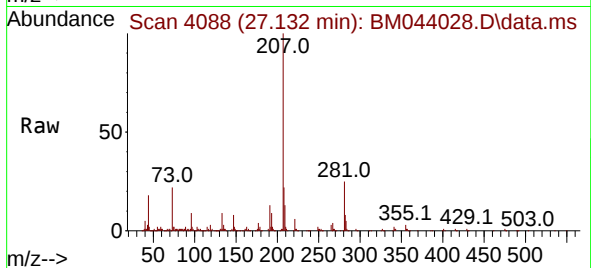
Acq: 08 Feb 2024 18:44

Instrument :

BNA_M

ClientSampleId :

PB158806TB



Tgt Ion:276 Resp: 883

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 49.0 19.1 28.7#

