

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM044016.D
 Acq On : 07 Feb 2024 06:57
 Operator : MA/JU
 Sample : PB158272BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158272BL

Quant Time: Feb 07 07:31:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	403741	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1631407	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	993598	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2266701	20.000	ng	0.00
76) Chrysene-d12	21.509	240	2080909	20.000	ng	-0.01
86) Perylene-d12	23.921	264	2343319	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	3694947	135.147	ng	0.00
7) Phenol-d6	7.087	99	4761286	117.867	ng	0.00
23) Nitrobenzene-d5	9.092	82	2807845	82.967	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1373396	113.393	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	6197445	85.706	ng	0.00
79) Terphenyl-d14	19.956	244	10730334	99.543	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.381	88	96	0.009	ng	# 1
3) Pyridine	3.787	79	442	0.014	ng	# 1
4) n-Nitrosodimethylamine	3.740	42	239	0.017	ng	# 1
6) Aniline	7.263	93	431	0.011	ng	# 42
8) 2-Chlorophenol	7.434	128	57	0.002	ng	# 35
9) Benzaldehyde	7.087	77	8158	Below Cal		# 4
10) Phenol	7.092	94	832	0.021	ng	# 1
11) bis(2-Chloroethyl)ether	7.345	93	63	0.002	ng	# 60
15) Benzyl Alcohol	8.175	79	736	0.027	ng	# 23
16) 2,2'-oxybis(1-Chloropr...	8.463	45	247	0.006	ng	# 1
17) 2-Methylphenol	8.322	107	67	0.003	ng	# 1
18) Hexachloroethane	8.992	117	56	0.005	ng	# 1
19) n-Nitroso-di-n-propyla...	8.722	70	139	0.005	ng	# 1
20) 3+4-Methylphenols	8.851	107	63	0.002	ng	# 1
22) Acetophenone	8.751	105	211	0.005	ng	# 1
24) Nitrobenzene	9.086	77	9609	0.283	ng	# 39
25) Isophorone	9.645	82	88	0.001	ng	# 65
27) 2,4-Dimethylphenol	9.980	122	60	0.003	ng	# 5
28) bis(2-Chloroethoxy)met...	10.227	93	56	0.001	ng	# 50
31) Naphthalene	10.775	128	148	0.002	ng	# 70
32) Benzoic acid	9.980	122	60	6.691	ng	# 1
33) 4-Chloroaniline	10.869	127	53	0.001	ng	# 47
46) 1,1'-Biphenyl	13.192	154	12890	0.165	ng	# 1
47) 2-Chloronaphthalene	13.439	162	65	0.001	ng	# 39
48) 2-Nitroaniline	13.580	65	57	0.003	ng	# 5
50) Dimethylphthalate	14.027	163	450	0.006	ng	# 47
51) 2,6-Dinitrotoluene	14.145	165	56	0.003	ng	# 39
52) Acenaphthene	14.563	154	3459	0.057	ng	# 4
57) 2,4-Dinitrotoluene	14.921	165	59	0.002	ng	# 46
60) Diethylphthalate	15.398	149	901	0.011	ng	# 27
63) Azobenzene	15.892	77	559	0.007	ng	# 69
65) 4,6-Dinitro-2-methylph...	15.868	198	234	6.216	ng	# 1
66) n-Nitrosodiphenylamine	16.057	169	53741	0.796	ng	# 45
71) Phenanthrene	17.345	178	541	0.004	ng	# 1
72) Anthracene	17.468	178	240	0.002	ng	# 61
73) Carbazole	17.721	167	186	0.001	ng	# 59

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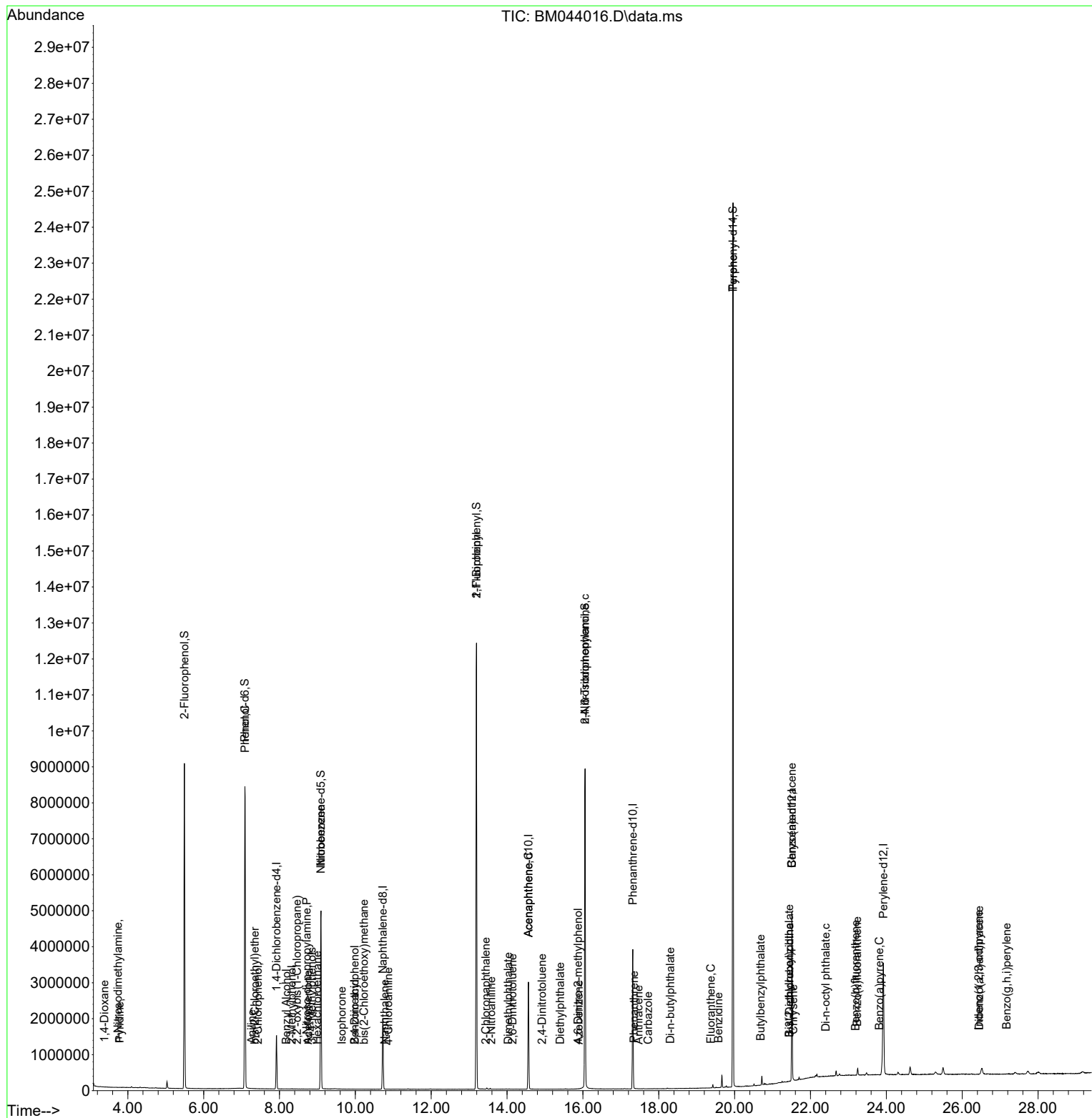
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Di-n-butylphthalate	18.303	149	1979	0.014	ng	# 55
75) Fluoranthene	19.374	202	386	0.002	ng	# 45
77) Benzidine	19.574	184	1421	0.054	ng	# 67
78) Pyrene	19.956	202	34367	0.240	ng	# 67
80) Butylbenzylphthalate	20.686	149	383	0.007	ng	# 84
81) Benzo(a)anthracene	21.509	228	5955	0.041	ng	# 64
82) 3,3'-Dichlorobenzidine	21.444	252	831	0.018	ng	# 60
83) Chrysene	21.544	228	1243	0.009	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.439	149	1938	0.023	ng	# 77
85) Di-n-octyl phthalate	22.403	149	674	0.005	ng	# 76
87) Indeno(1,2,3-cd)pyrene	26.438	276	355	0.002	ng	# 49
88) Benzo(b)fluoranthene	23.185	252	1126	0.008	ng	# 1
89) Benzo(k)fluoranthene	23.233	252	1180	0.008	ng	# 1
90) Benzo(a)pyrene	23.815	252	581	0.004	ng	# 1
91) Dibenzo(a,h)anthracene	26.450	278	489	0.003	ng	# 1
92) Benzo(g,h,i)perylene	27.168	276	346	0.002	ng	# 39

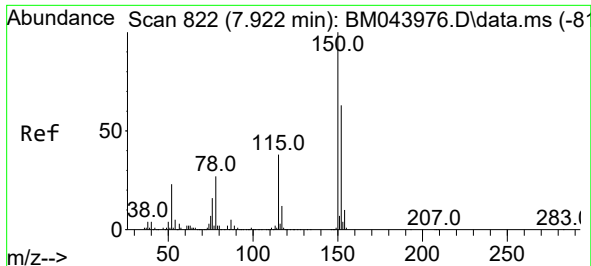
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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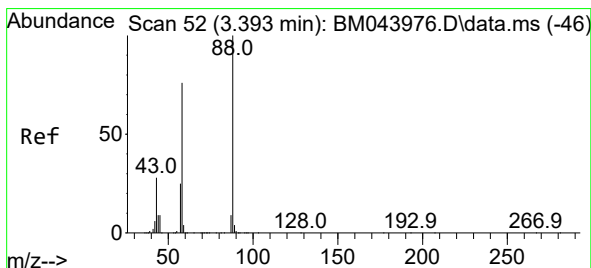
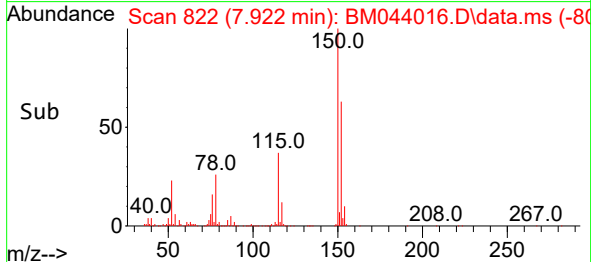
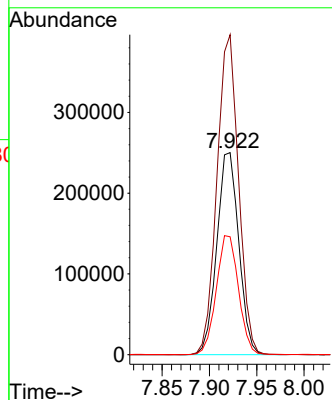
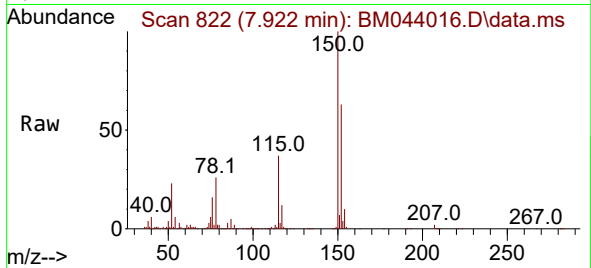




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM044016.D
 Acq: 07 Feb 2024 06:57

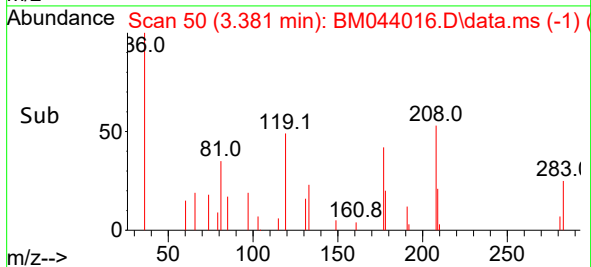
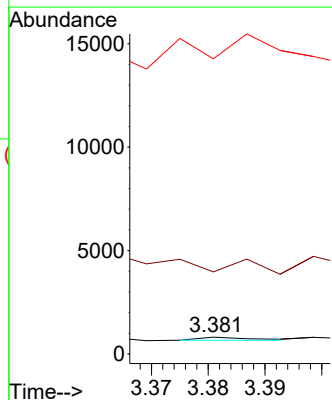
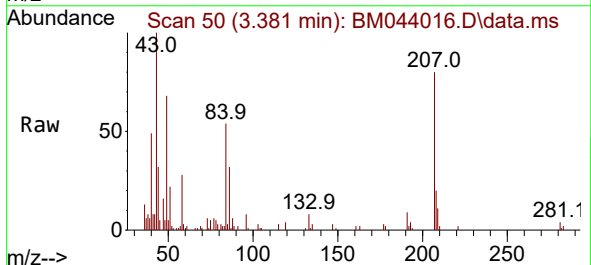
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 ClientSampleId :
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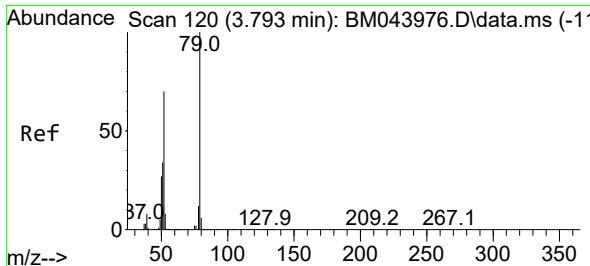
Tgt Ion:152 Resp: 403741
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.1 189.1
 115 58.4 48.2 72.2



#2
 1,4-Dioxane
 Concen: 0.009 ng
 RT: 3.381 min Scan# 50
 Delta R.T. -0.012 min
 Lab File: BM044016.D
 Acq: 07 Feb 2024 06:57

Tgt Ion: 88 Resp: 96
 Ion Ratio Lower Upper
 88 100
 58 683.3 61.0 91.6#
 43 2002.1 23.0 34.6#

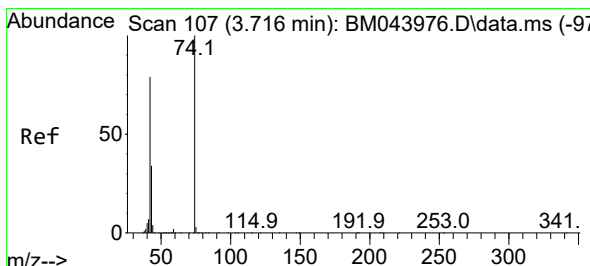
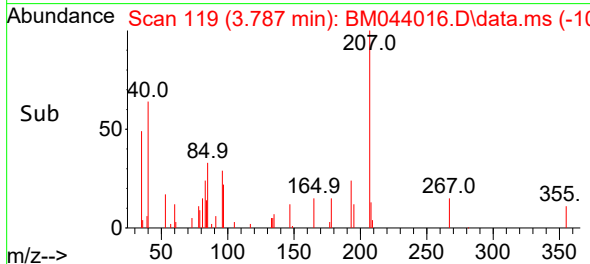
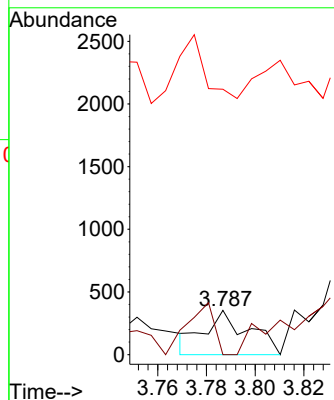
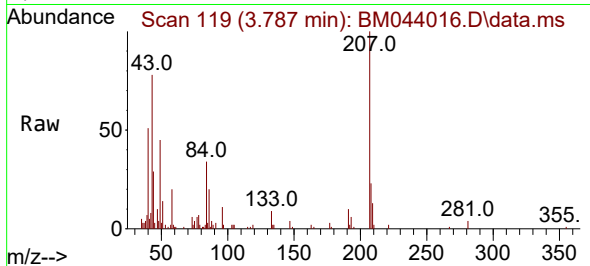




#3
 Pyridine
 Concen: 0.014 ng
 RT: 3.787 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BM044016.D
 Acq: 07 Feb 2024 06:57

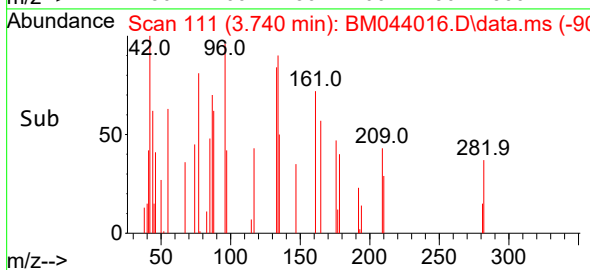
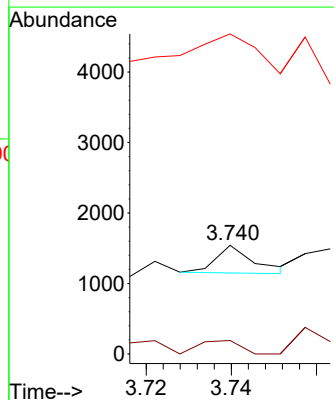
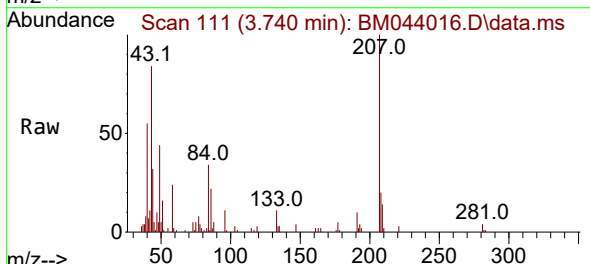
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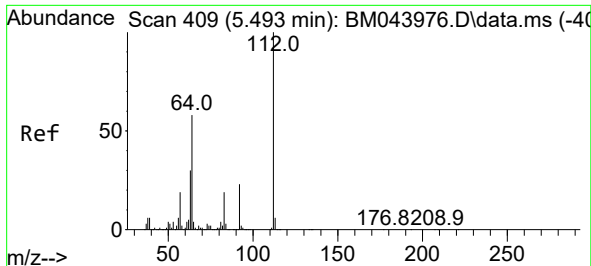
Tgt Ion: 79 Resp: 442
 Ion Ratio Lower Upper
 79 100
 52 0.0 55.9 83.9#
 51 600.0 28.2 42.2#



#4
 n-Nitrosodimethylamine
 Concen: 0.017 ng
 RT: 3.740 min Scan# 111
 Delta R.T. 0.023 min
 Lab File: BM044016.D
 Acq: 07 Feb 2024 06:57

Tgt Ion: 42 Resp: 239
 Ion Ratio Lower Upper
 42 100
 74 12.4 100.7 151.1#
 44 294.4 7.3 10.9#

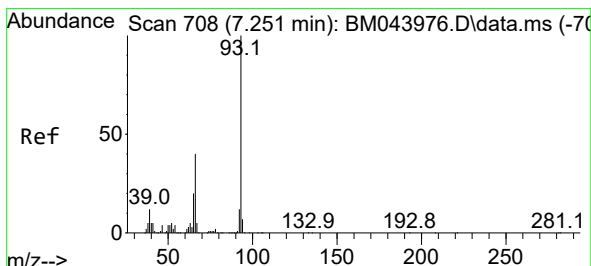
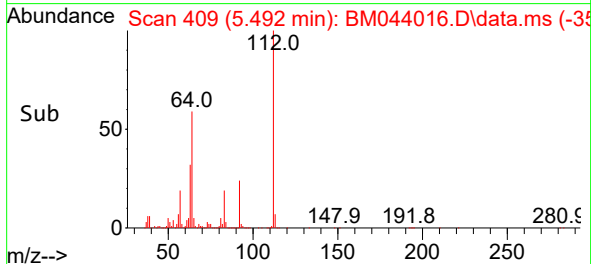
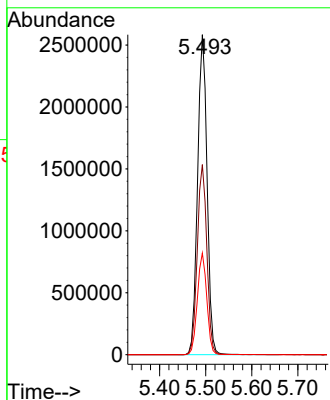
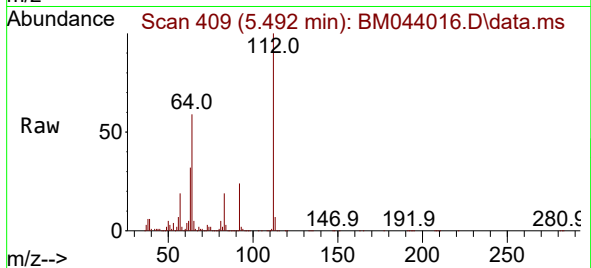




#5
2-Fluorophenol
Concen: 135.147 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.001 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

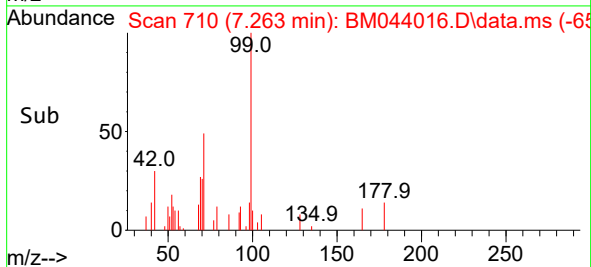
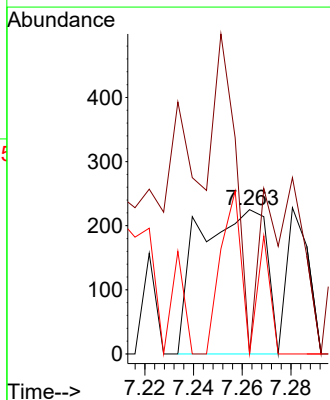
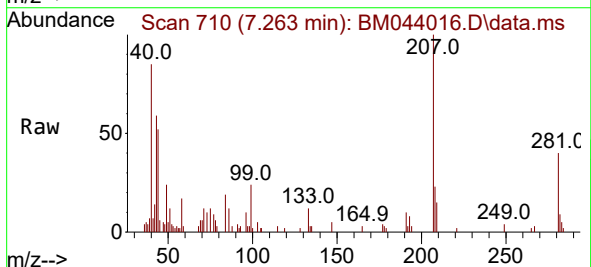
Instrument :
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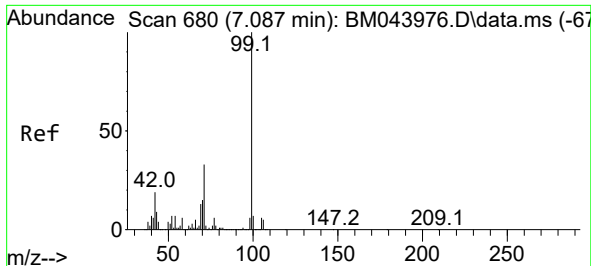
Tgt Ion:112 Resp: 3694947
Ion Ratio Lower Upper
112 100
64 59.4 46.6 70.0
63 31.7 24.2 36.4



#6
Aniline
Concen: 0.011 ng
RT: 7.263 min Scan# 710
Delta R.T. 0.012 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion: 93 Resp: 431
Ion Ratio Lower Upper
93 100
66 0.0 32.2 48.2#
65 0.0 15.8 23.8#



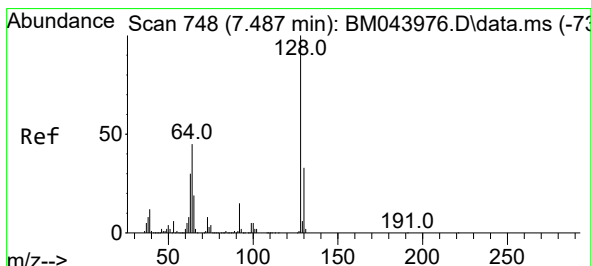
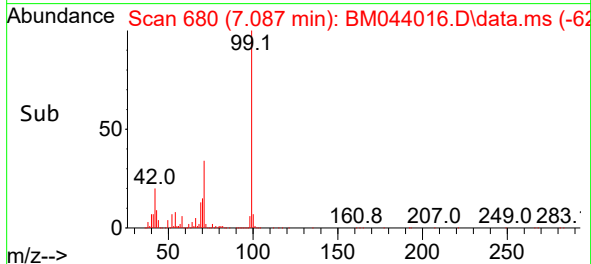
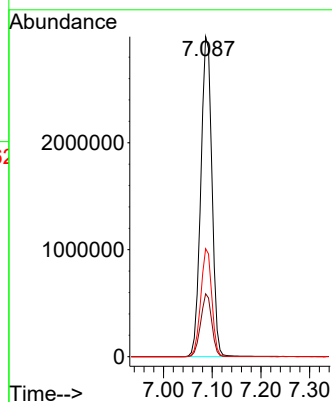
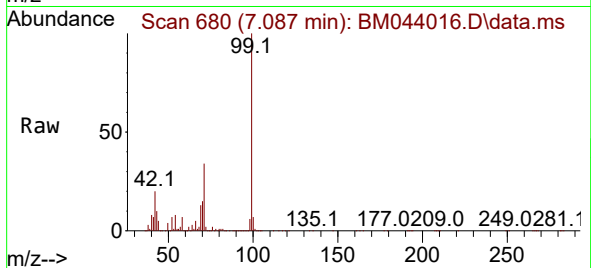


#7
Phenol-d6
Concen: 117.867 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.000 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Instrument :
BNA_M
ClientSampleId :
PB158272BL

Tgt Ion: 99 Resp: 4761286

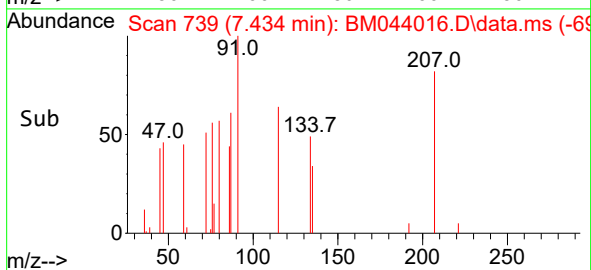
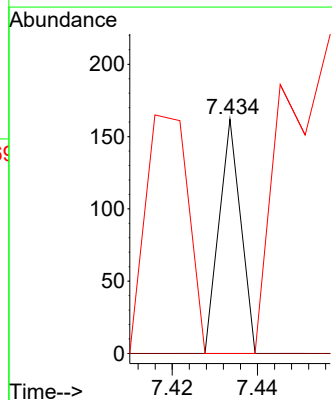
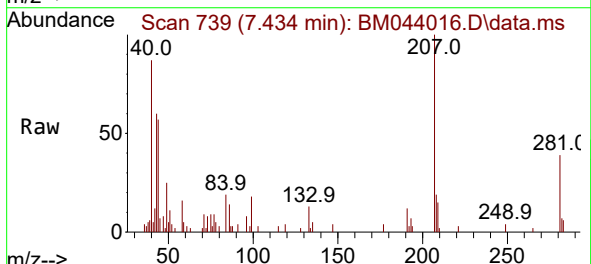
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.9	22.3
71	33.7	26.3	39.5

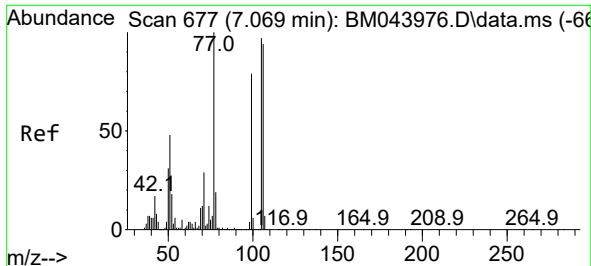


#8
2-Chlorophenol
Concen: 0.002 ng
RT: 7.434 min Scan# 739
Delta R.T. -0.053 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion: 128 Resp: 57

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.9	52.9#
64	0.0	25.6	65.6#

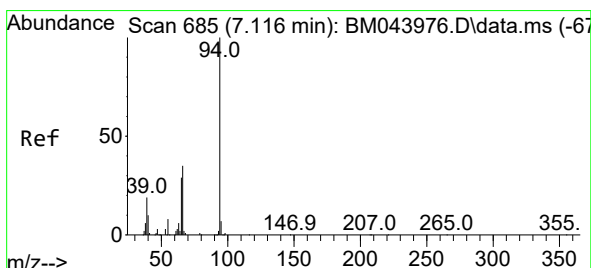
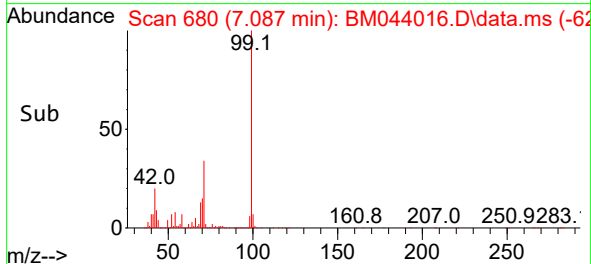
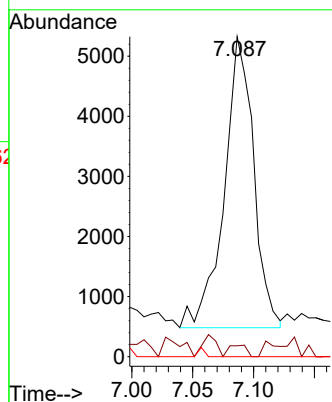
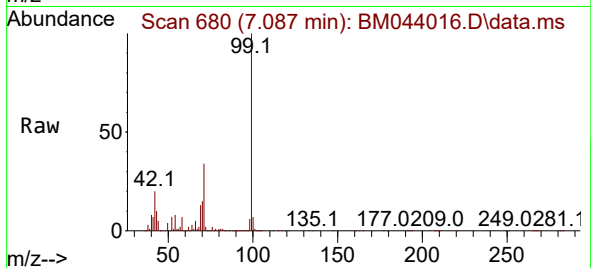




#9
Benzaldehyde
Concen: Below Cal
RT: 7.087 min Scan# 61
Delta R.T. 0.018 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

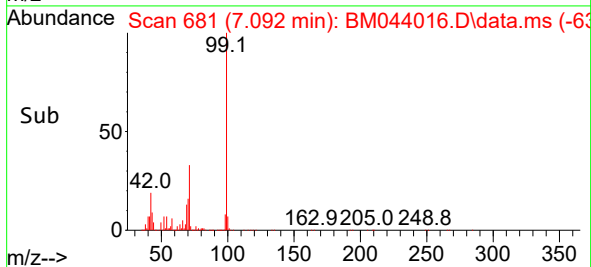
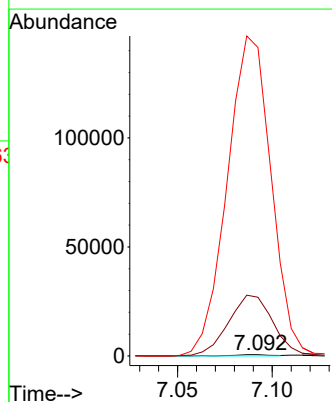
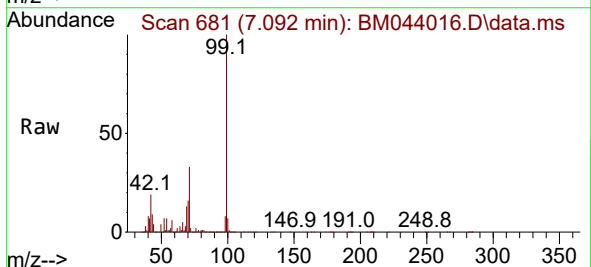
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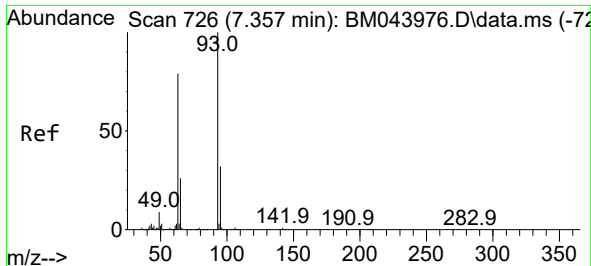
Tgt Ion: 77 Resp: 8158
Ion Ratio Lower Upper
77 100
105 3.4 77.4 117.4#
106 0.0 73.5 113.5#



#10
Phenol
Concen: 0.021 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.024 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion: 94 Resp: 832
Ion Ratio Lower Upper
94 100
65 4346.4 9.3 49.3#
66 22860.1 15.7 55.7#

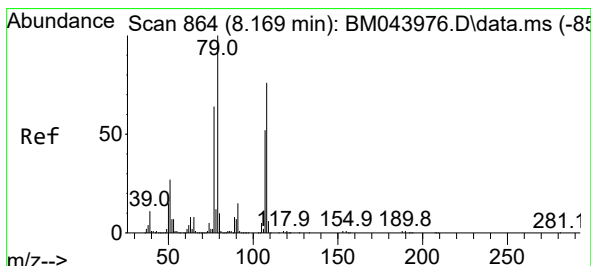
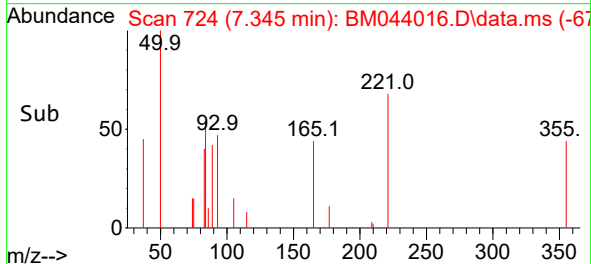
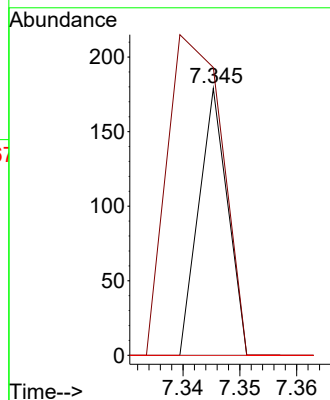
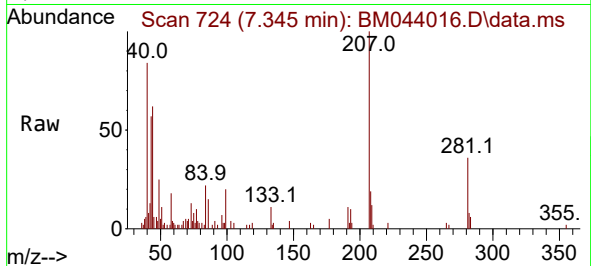




#11
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

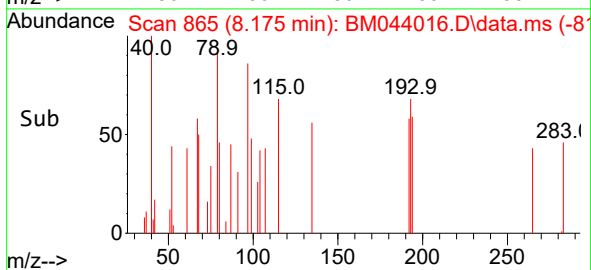
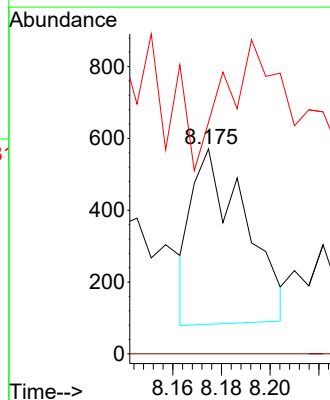
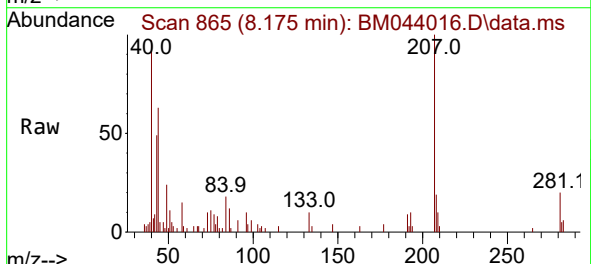
Instrument :
BNA_M
ClientSampleId :
PB158272BL

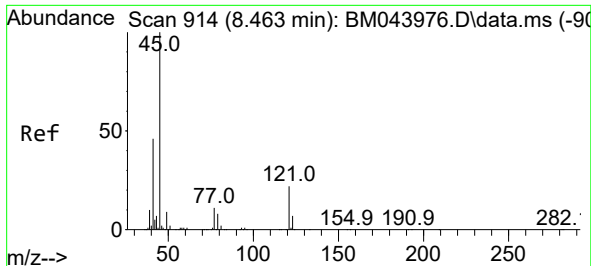
Tgt Ion: 93 Resp: 63
Ion Ratio Lower Upper
93 100
63 107.8 59.0 99.0#
95 0.0 11.9 51.9#



#15
Benzyl Alcohol
Concen: 0.027 ng
RT: 8.175 min Scan# 865
Delta R.T. 0.006 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion: 79 Resp: 736
Ion Ratio Lower Upper
79 100
108 0.0 60.7 91.1#
77 113.0 50.9 76.3#

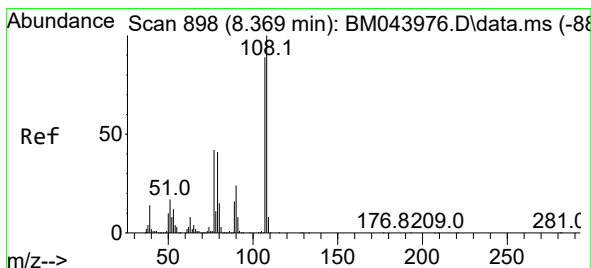
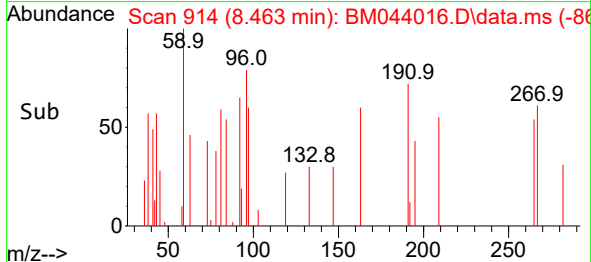
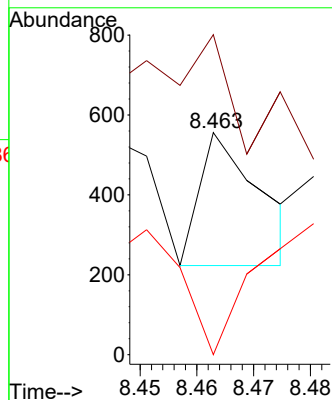
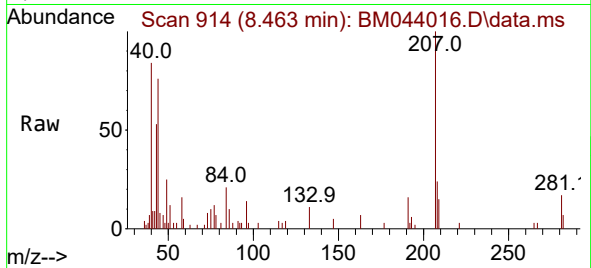




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.006 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

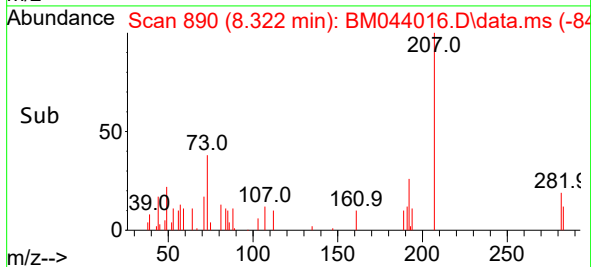
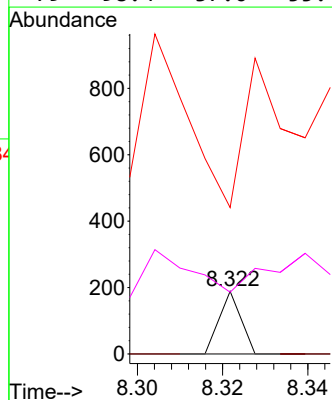
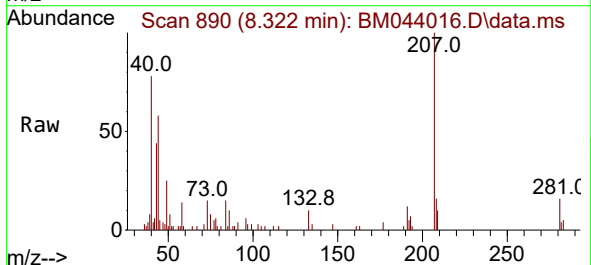
Instrument :
BNA_M
ClientSampleId :
PB158272BL

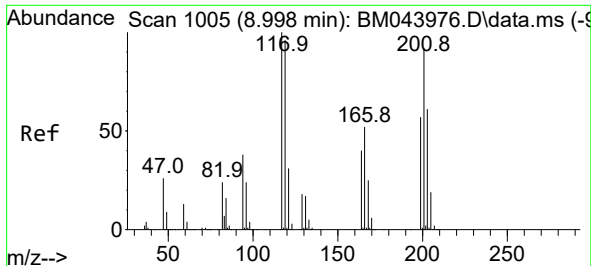
Tgt Ion: 45 Resp: 247
Ion Ratio Lower Upper
45 100
77 144.1 0.0 34.4#
79 0.0 0.0 31.2



#17
2-Methylphenol
Concen: 0.003 ng
RT: 8.322 min Scan# 890
Delta R.T. -0.047 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion: 107 Resp: 67
Ion Ratio Lower Upper
107 100
108 0.0 90.4 135.6#
77 233.3 38.0 57.0#
79 98.4 37.0 55.4#

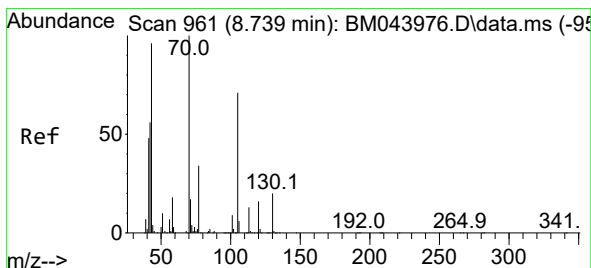
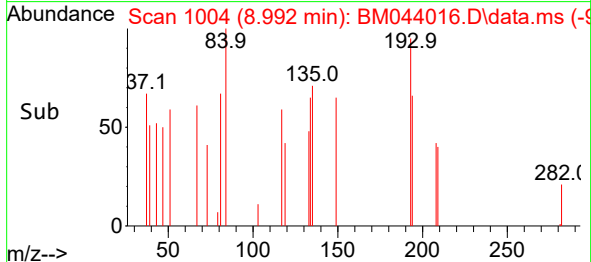
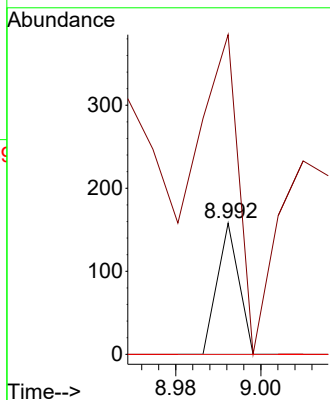
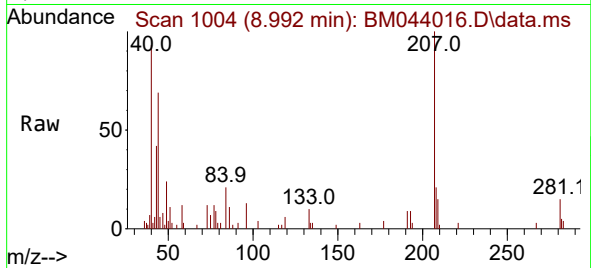




#18
Hexachloroethane
Concen: 0.005 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

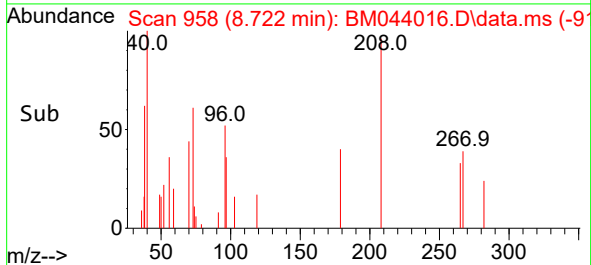
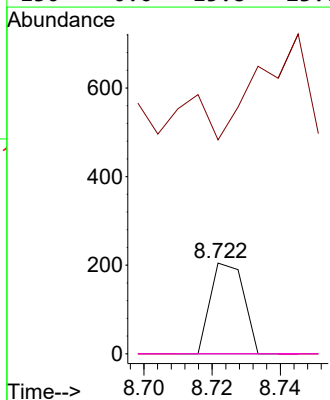
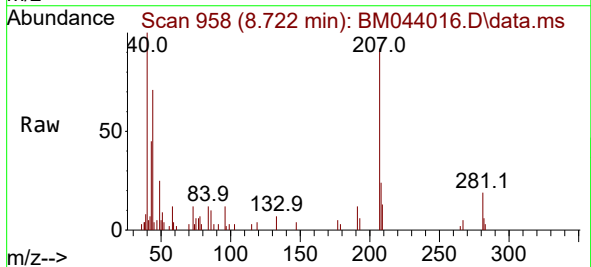
Instrument :
BNA_M
ClientSampleId :
PB158272BL

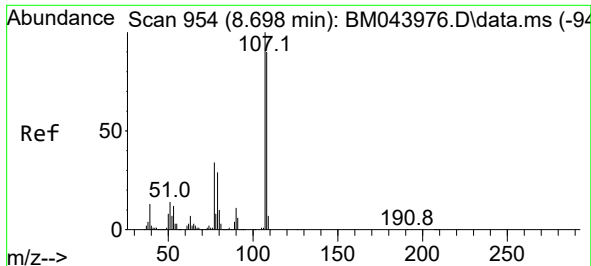
Tgt Ion:117 Resp: 56
Ion Ratio Lower Upper
117 100
119 243.7 76.7 115.1#
201 0.0 73.4 110.2#



#19
n-Nitroso-di-n-propylamine
Concen: 0.005 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.018 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion: 70 Resp: 139
Ion Ratio Lower Upper
70 100
42 235.6 45.6 68.4#
101 0.0 7.5 11.3#
130 0.0 15.8 23.6#

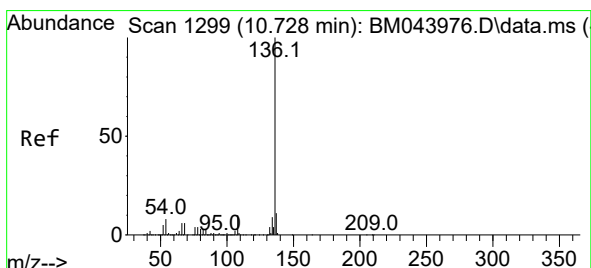
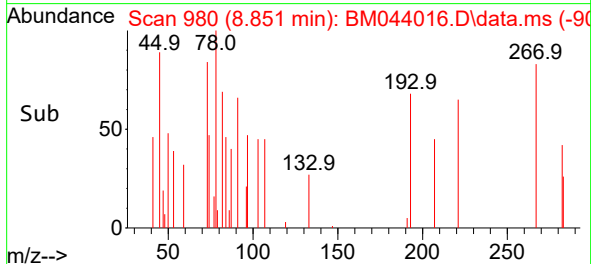
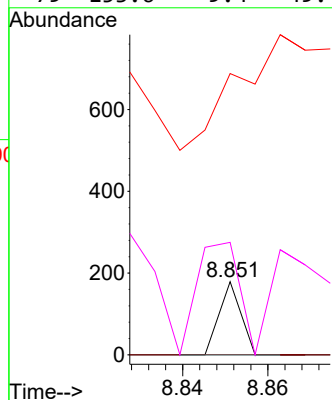
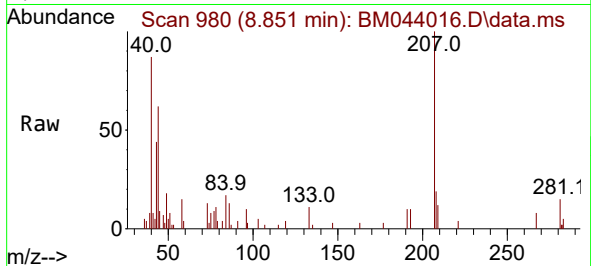




#20
3+4-Methylphenols
Concen: 0.002 ng
RT: 8.851 min Scan# 91
Delta R.T. 0.153 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

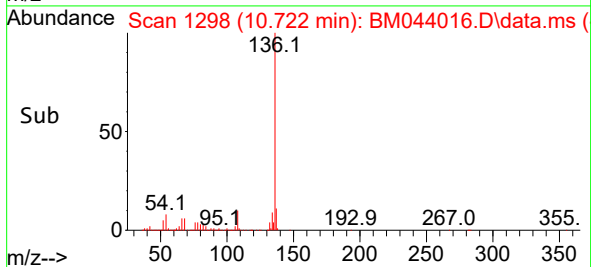
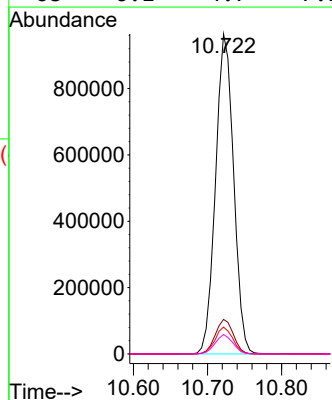
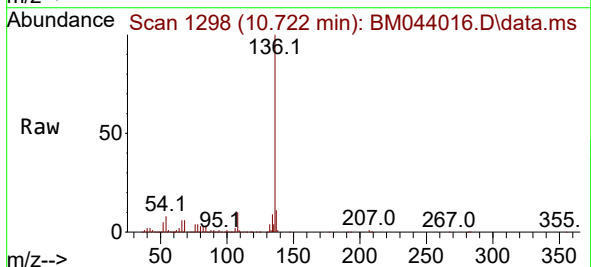
Instrument :
BNA_M
ClientSampleId :
PB158272BL

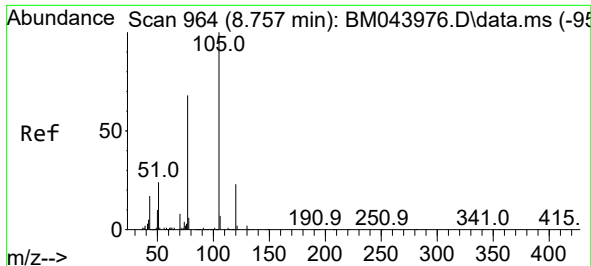
Tgt Ion:107 Resp: 63
Ion Ratio Lower Upper
107 100
108 0.0 70.3 110.3#
77 384.4 14.0 54.0#
79 153.6 9.4 49.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion:136 Resp: 1631407
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.4 6.5 9.7
68 6.1 4.7 7.1

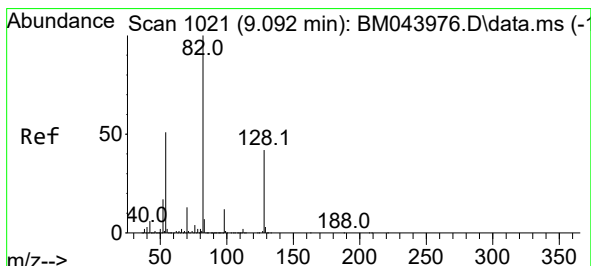
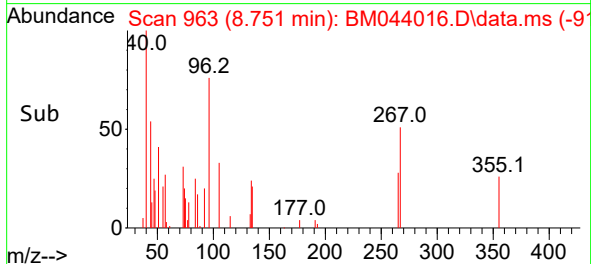
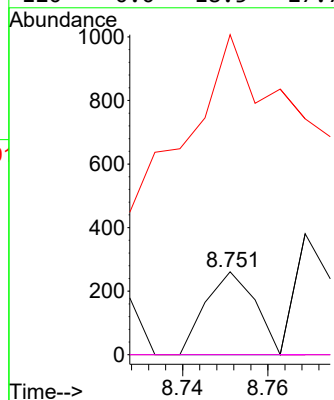
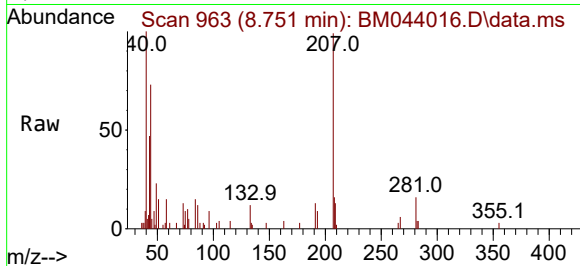




#22
Acetophenone
Concen: 0.005 ng
RT: 8.751 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

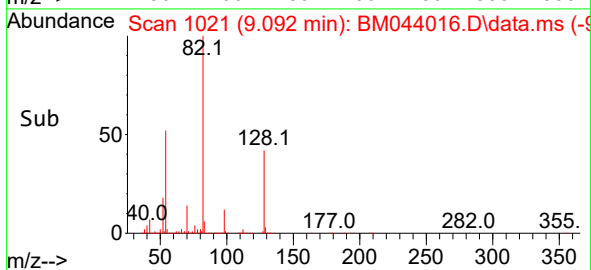
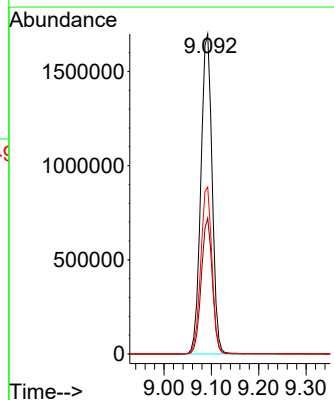
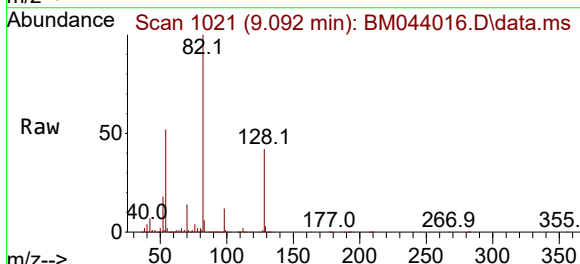
Instrument :
BNA_M
ClientSampleId :
PB158272BL

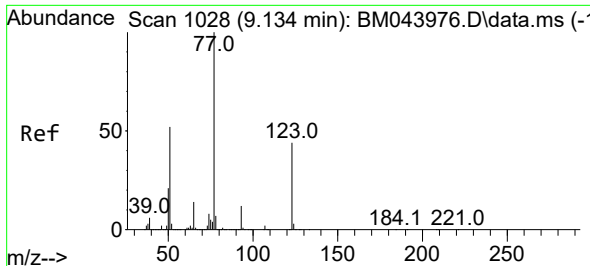
Tgt Ion:	105	Resp:	211
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.6	2.4#
51	385.8	21.8	32.6#
120	0.0	18.5	27.7#



#23
Nitrobenzene-d5
Concen: 82.967 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion:	82	Resp:	2807845
Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.9	50.9
54	52.2	41.1	61.7

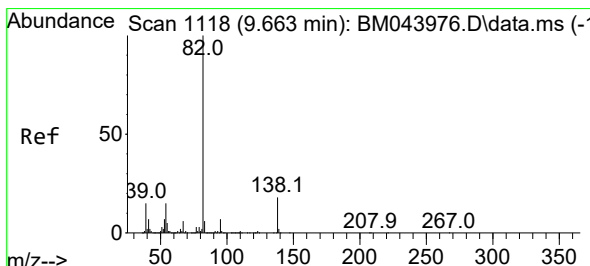
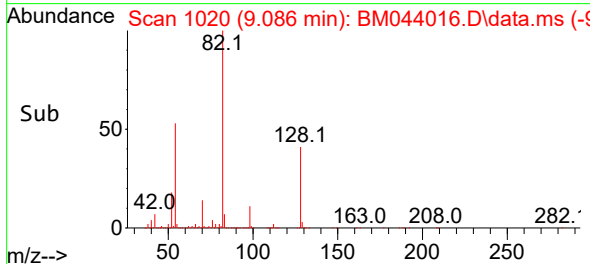
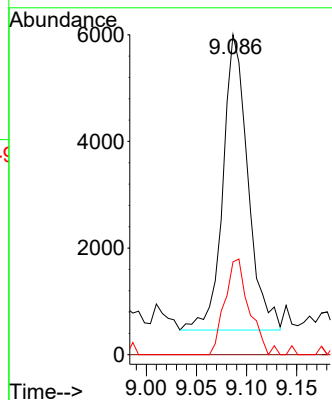
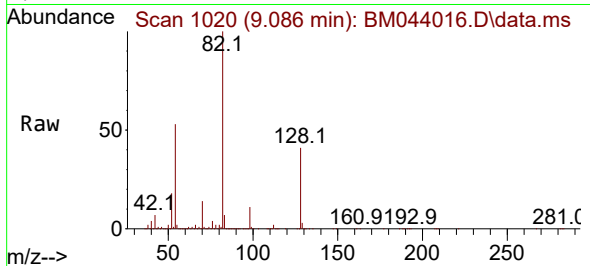




#24
Nitrobenzene
Concen: 0.283 ng
RT: 9.086 min Scan# 1028
Delta R.T. -0.047 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

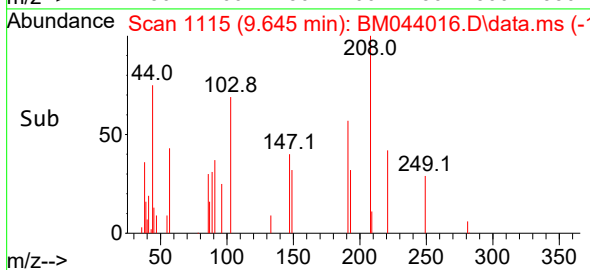
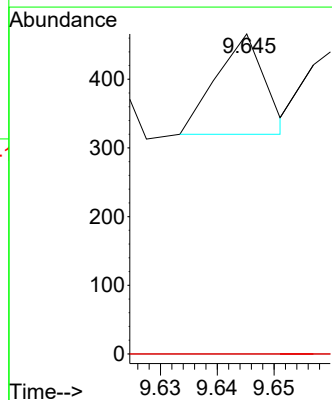
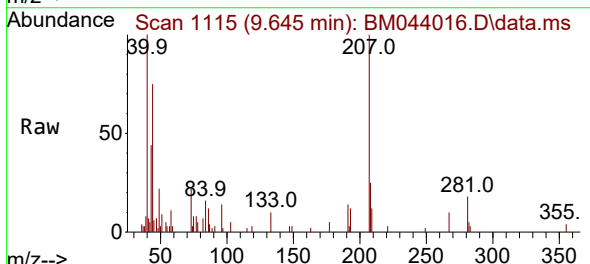
Instrument :
BNA_M
ClientSampleId :
PB158272BL

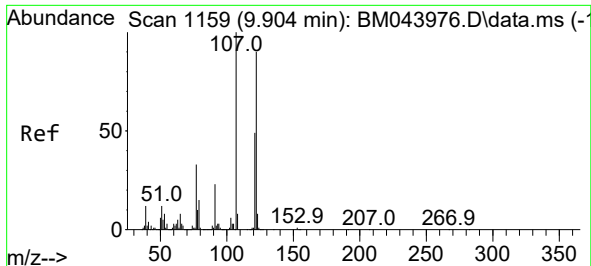
Tgt Ion: 77 Resp: 9609
Ion Ratio Lower Upper
77 100
123 0.0 35.3 52.9#
65 29.0 10.9 16.3#



#25
Isophorone
Concen: 0.001 ng
RT: 9.645 min Scan# 1115
Delta R.T. -0.018 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion: 82 Resp: 88
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.2 21.2#

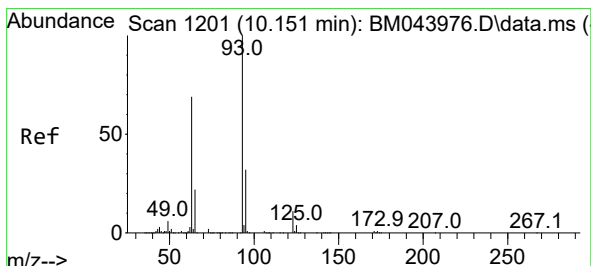
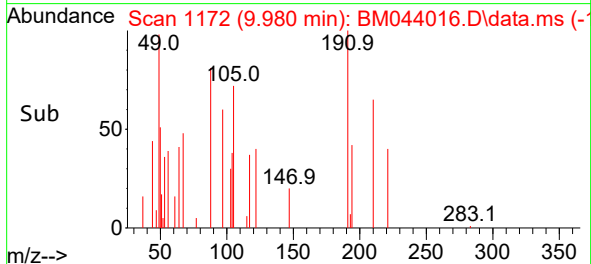
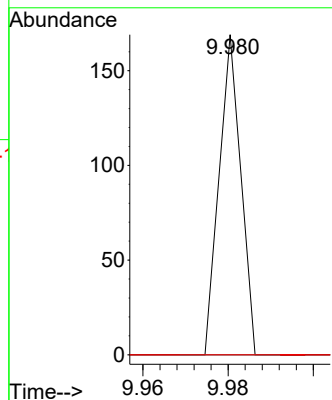
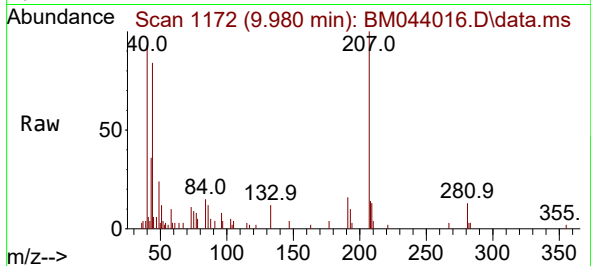




#27
2,4-Dimethylphenol
Concen: 0.003 ng
RT: 9.980 min Scan# 1159
Delta R.T. 0.076 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

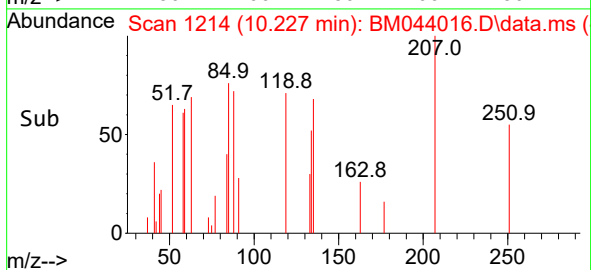
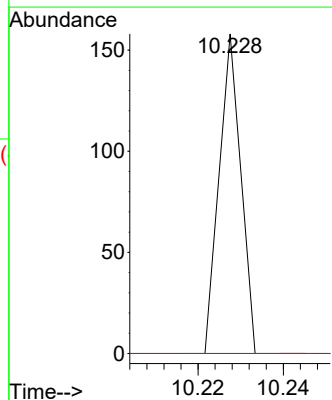
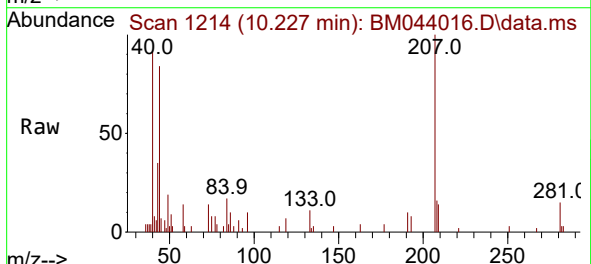
Instrument :
BNA_M
ClientSampleId :
PB158272BL

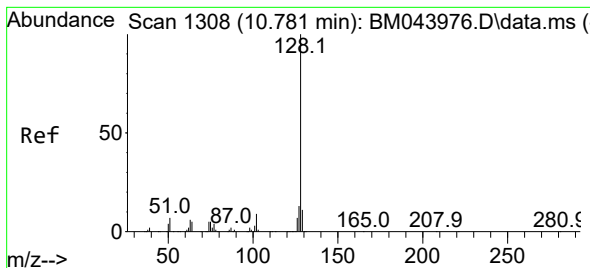
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
107 0.0 89.0 133.4#
121 0.0 43.4 65.0#



#28
bis(2-Chloroethoxy)methane
Concen: 0.001 ng
RT: 10.227 min Scan# 1214
Delta R.T. 0.076 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion: 93 Resp: 56
Ion Ratio Lower Upper
93 100
95 0.0 25.9 38.9#
123 0.0 9.1 13.7#





#31

Naphthalene

Concen: 0.002 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

Instrument :

BNA_M

ClientSampleId :

PB158272BL

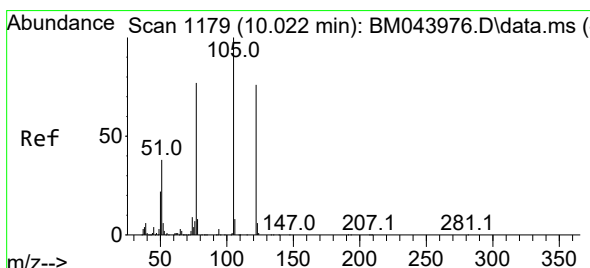
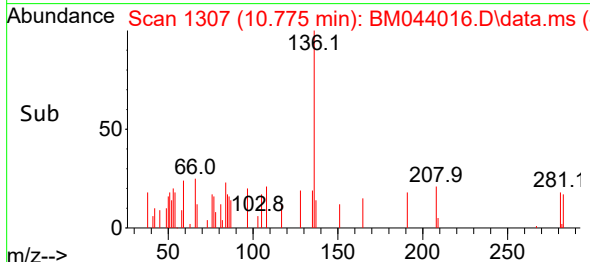
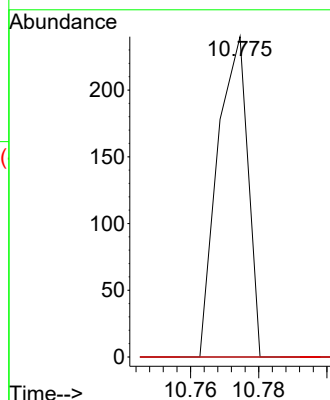
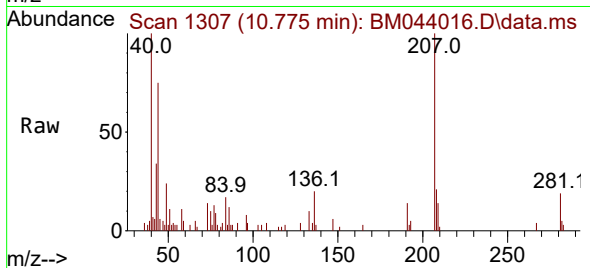
Tgt Ion:128 Resp: 148

Ion Ratio Lower Upper

128 100

129 0.0 8.4 12.6#

127 0.0 10.1 15.1#



#32

Benzoic acid

Concen: 6.691 ng

RT: 9.980 min Scan# 1172

Delta R.T. -0.042 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

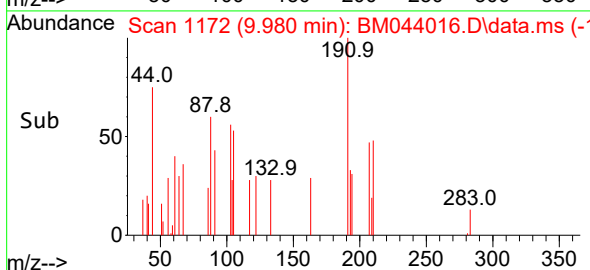
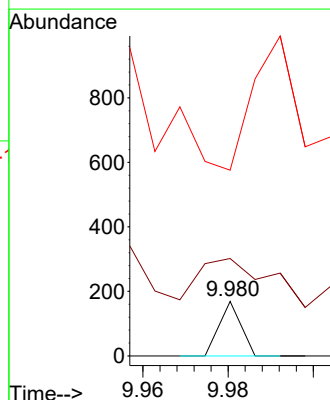
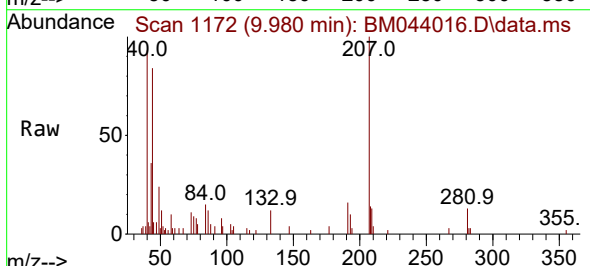
Tgt Ion:122 Resp: 60

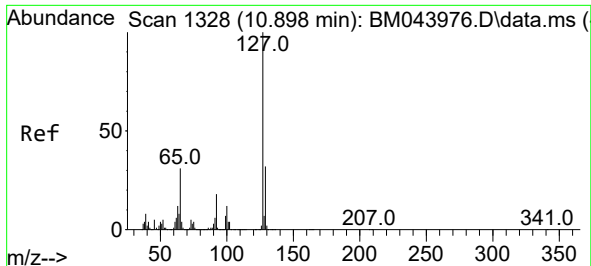
Ion Ratio Lower Upper

122 100

105 178.7 109.4 149.4#

77 340.8 80.5 120.5#

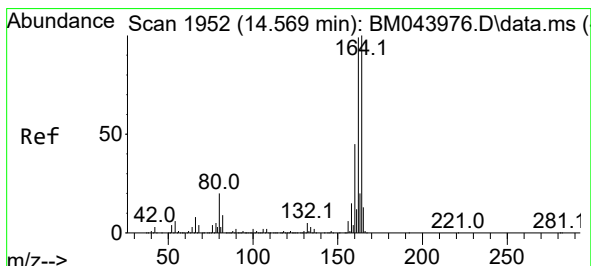
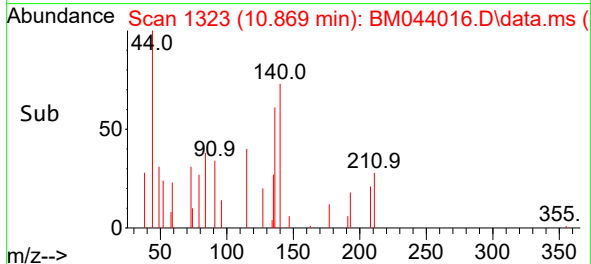
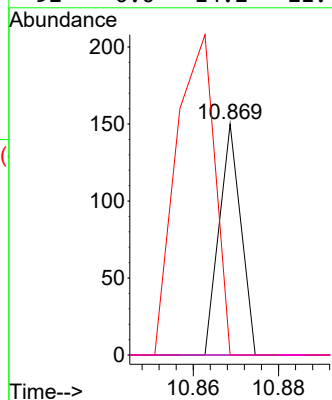
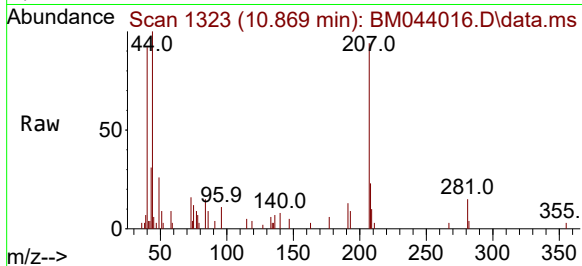




#33
4-Chloroaniline
Concen: 0.001 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.030 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

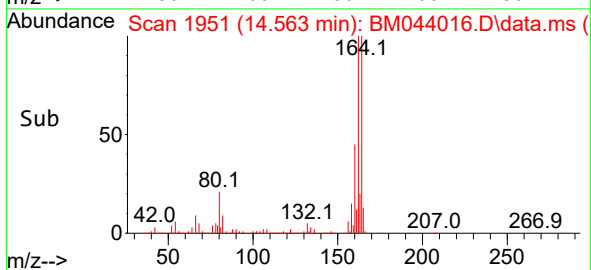
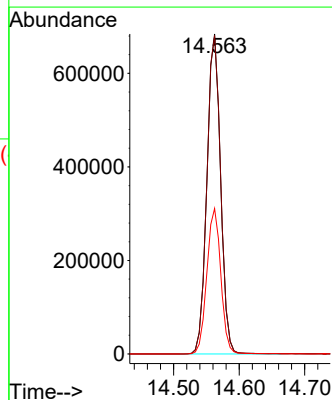
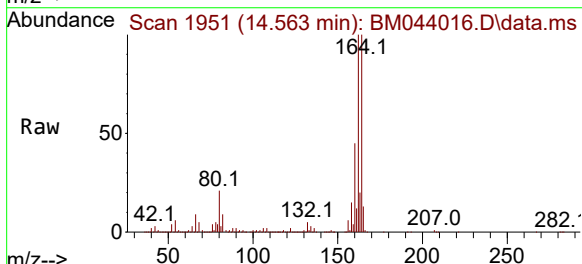
Instrument :
BNA_M
ClientSampleId :
PB158272BL

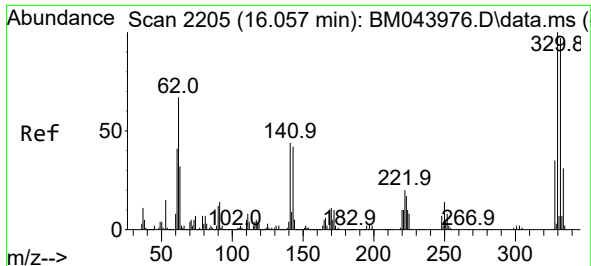
Tgt Ion:127	Resp:	53
Ion	Ratio	Lower Upper
127	100	
129	0.0	25.6 38.4#
65	0.0	24.5 36.7#
92	0.0	14.2 21.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.007 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion:164	Resp:	993598
Ion	Ratio	Lower Upper
164	100	
162	99.5	79.0 118.4
160	45.5	35.8 53.8

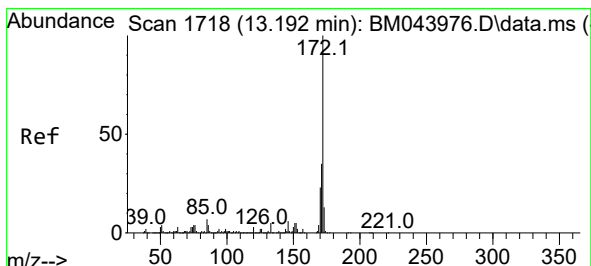
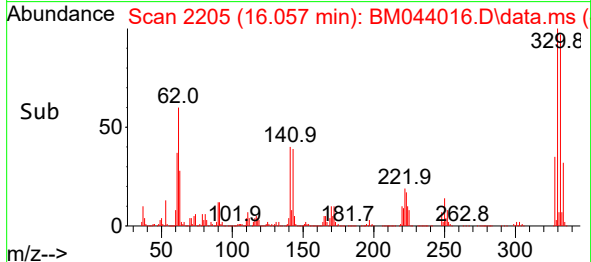
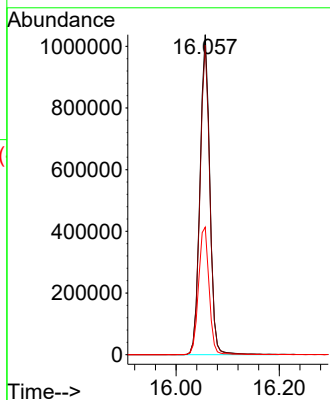
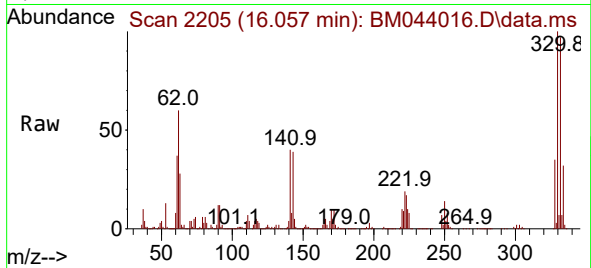




#42
2,4,6-Tribromophenol
Concen: 113.393 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

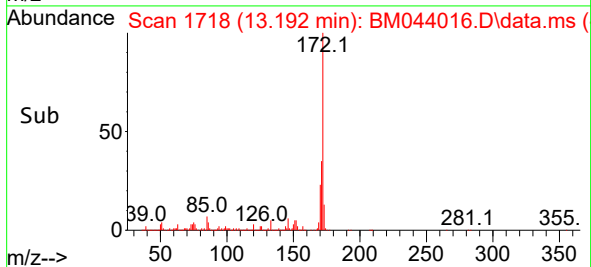
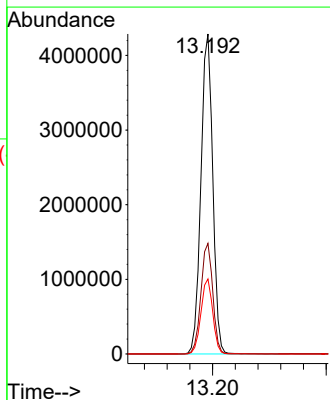
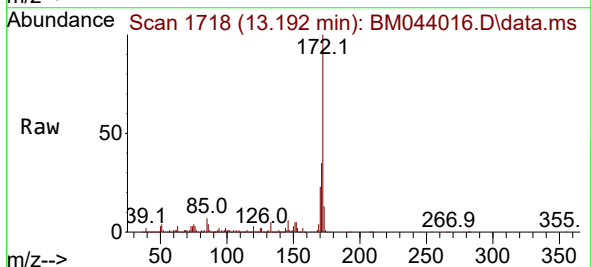
Instrument :
BNA_M
ClientSampleId :
PB158272BL

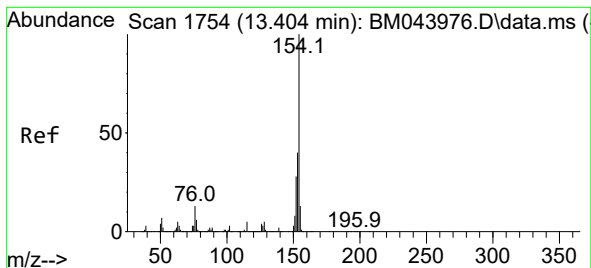
Tgt Ion:330 Resp: 1373396
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 42.6 33.5 50.3



#45
2-Fluorobiphenyl
Concen: 85.706 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion:172 Resp: 6197445
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.5 18.6 28.0





#46

1,1'-Biphenyl

Concen: 0.165 ng

RT: 13.192 min Scan# 1

Delta R.T. -0.212 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

Instrument :

BNA_M

ClientSampleId :

PB158272BL

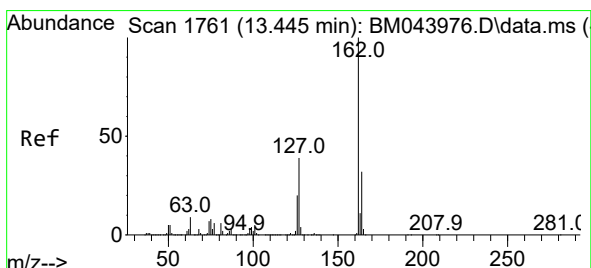
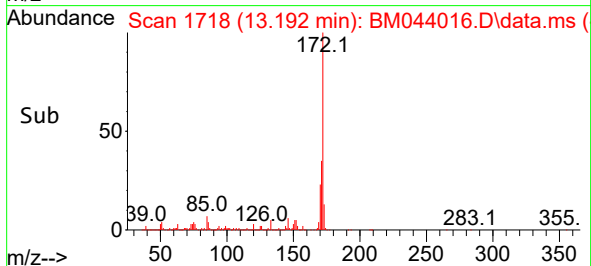
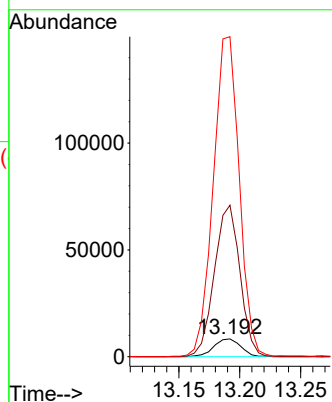
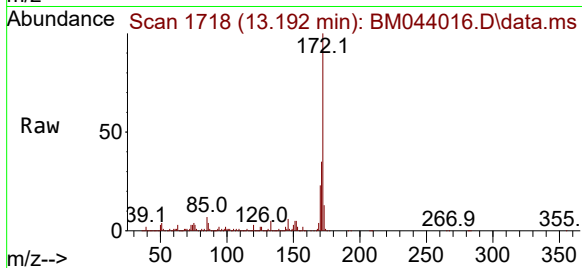
Tgt Ion:154 Resp: 12890

Ion Ratio Lower Upper

154 100

153 855.8 19.8 59.8#

76 1806.8 0.0 33.0#



#47

2-Chloronaphthalene

Concen: 0.001 ng

RT: 13.439 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

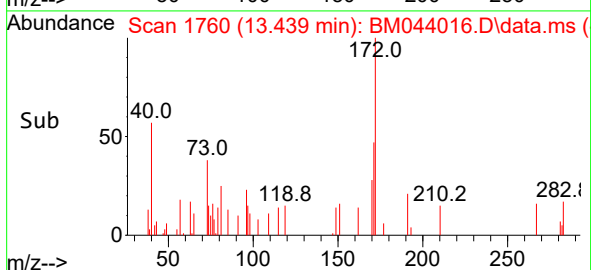
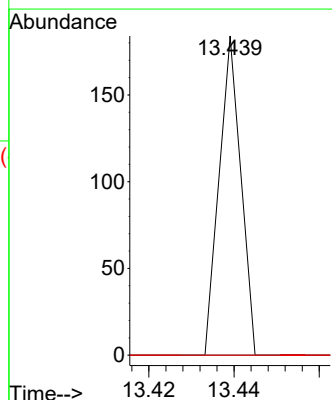
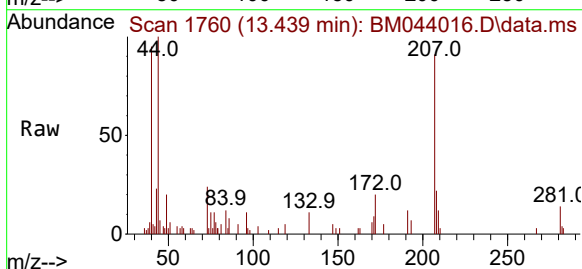
Tgt Ion:162 Resp: 65

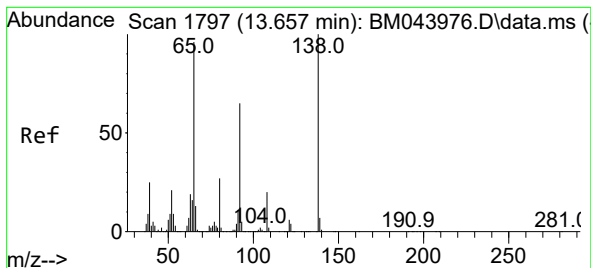
Ion Ratio Lower Upper

162 100

127 0.0 31.0 46.6#

164 0.0 25.8 38.6#





#48

2-Nitroaniline

Concen: 0.003 ng

RT: 13.580 min Scan# 1

Delta R.T. -0.077 min

Lab File: BM044016.D

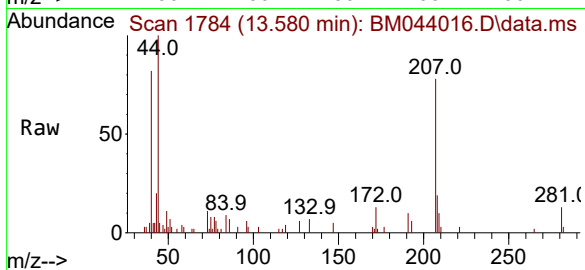
Acq: 07 Feb 2024 06:57

Instrument :

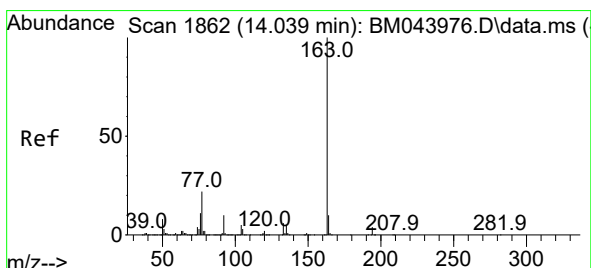
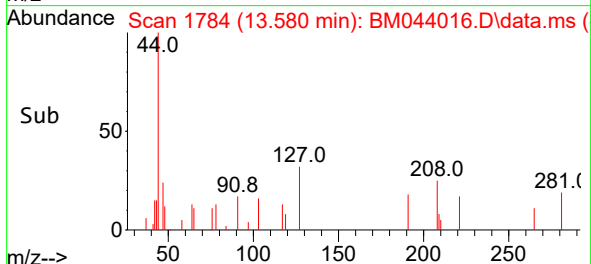
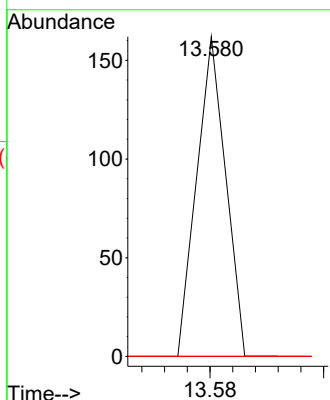
BNA_M

ClientSampleId :

PB158272BL



Tgt Ion:	65	Resp:	57
Ion Ratio	Lower	Upper	
65	100		
92	0.0	53.6	80.4#
138	0.0	83.0	124.6#



#50

Dimethylphthalate

Concen: 0.006 ng

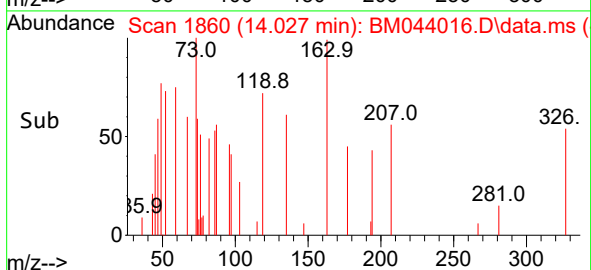
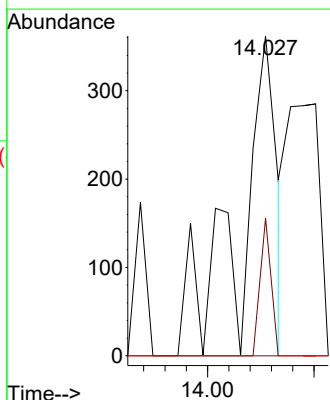
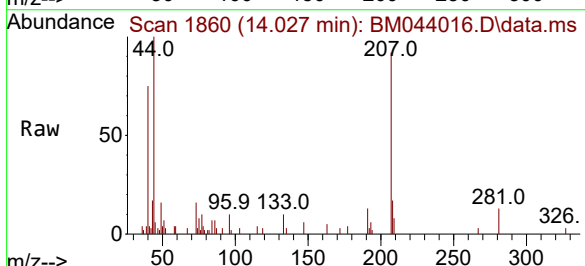
RT: 14.027 min Scan# 1860

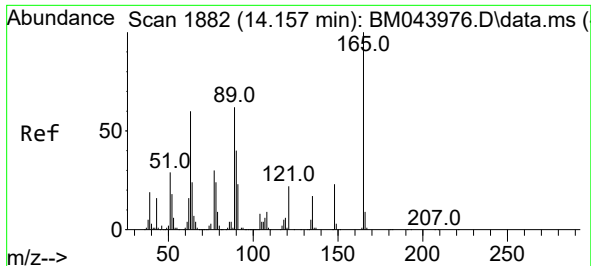
Delta R.T. -0.012 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

Tgt Ion:	163	Resp:	450
Ion Ratio	Lower	Upper	
163	100		
194	43.1	3.1	4.7#
164	0.0	8.0	12.0#





#51

2,6-Dinitrotoluene

Concen: 0.003 ng

RT: 14.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044016.D

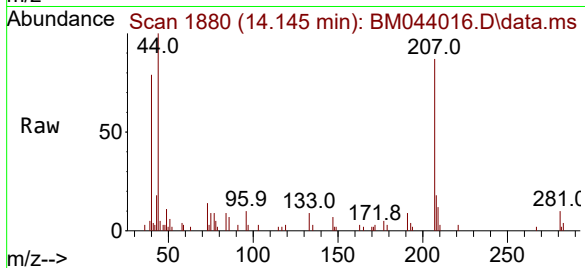
Acq: 07 Feb 2024 06:57

Instrument :

BNA_M

ClientSampleId :

PB158272BL



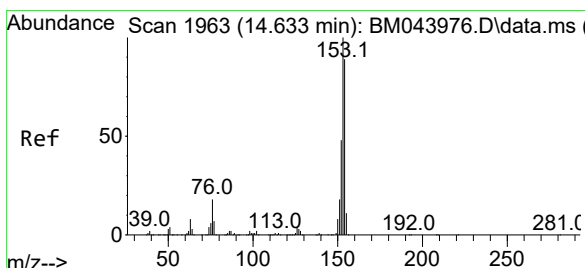
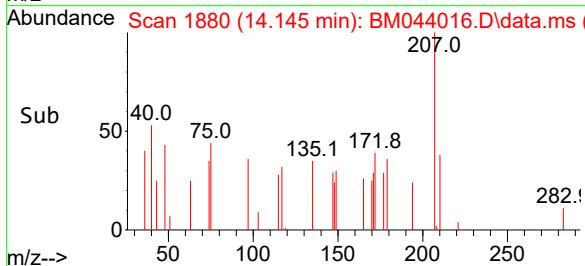
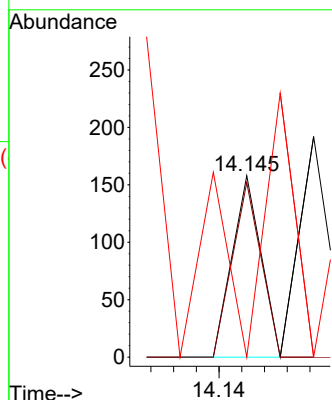
Tgt Ion:165 Resp: 56

Ion Ratio Lower Upper

165 100

63 96.2 51.1 76.7#

89 0.0 49.5 74.3#



#52

Acenaphthene

Concen: 0.057 ng

RT: 14.563 min Scan# 1951

Delta R.T. -0.071 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

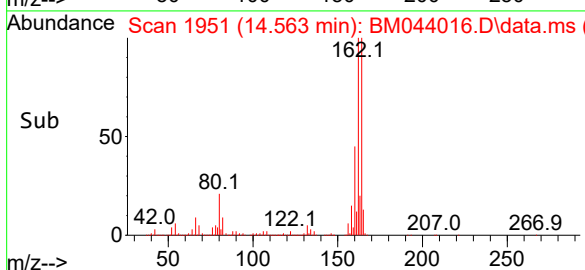
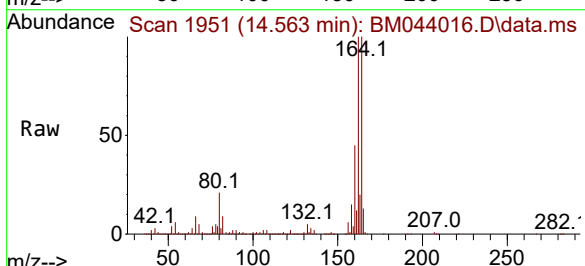
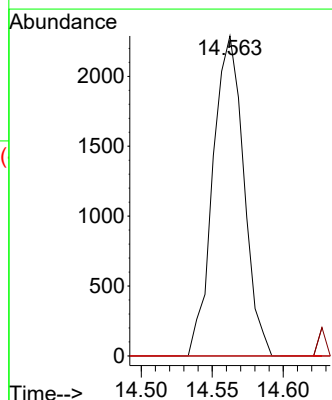
Tgt Ion:154 Resp: 3459

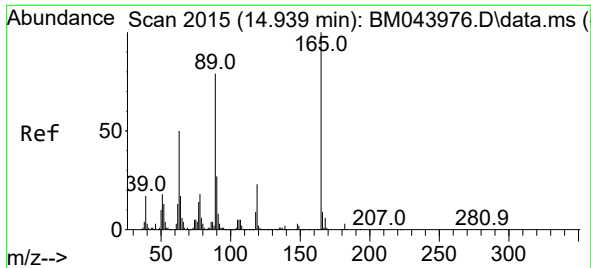
Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

152 0.0 43.6 65.4#

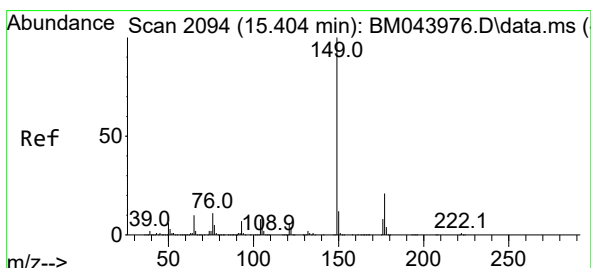
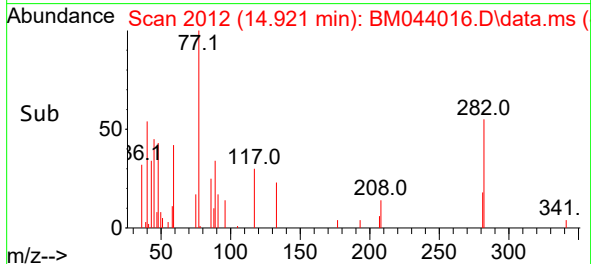
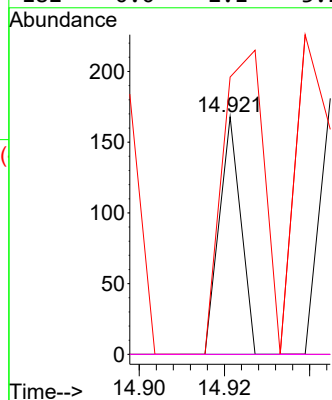
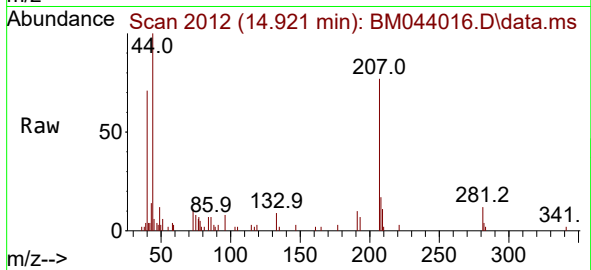




#57
2,4-Dinitrotoluene
Concen: 0.002 ng
RT: 14.921 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

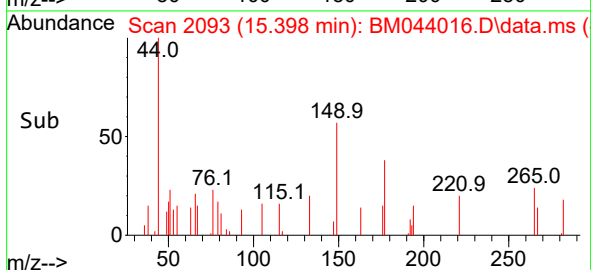
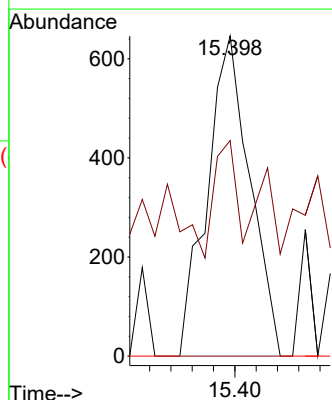
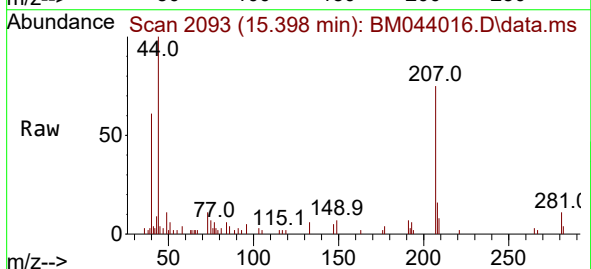
Instrument :
BNA_M
ClientSampleId :
PB158272BL

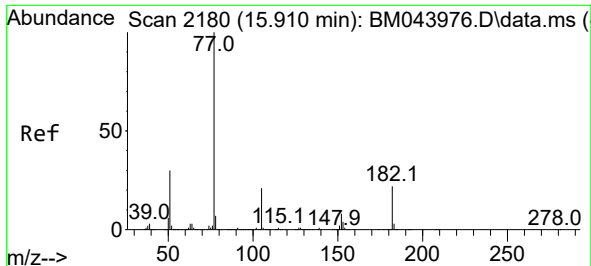
Tgt Ion:165 Resp: 59
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.4#
89 116.7 63.3 94.9#
182 0.0 2.1 3.1#



#60
Diethylphthalate
Concen: 0.011 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion:149 Resp: 901
Ion Ratio Lower Upper
149 100
177 67.3 17.1 25.7#
150 0.0 9.8 14.6#

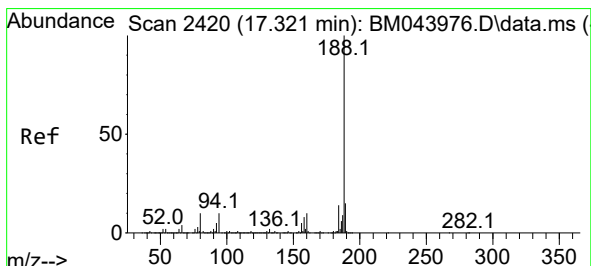
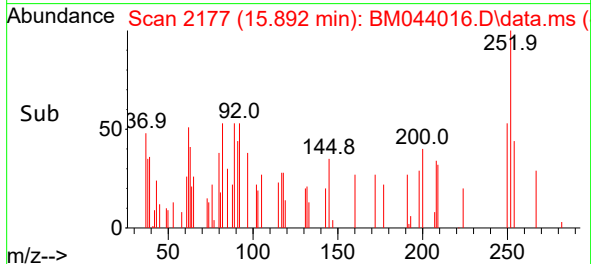
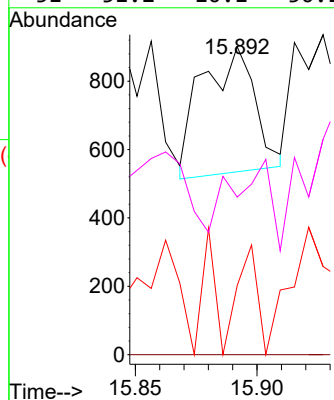
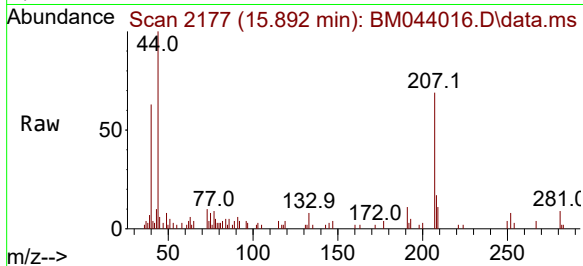




#63
Azobenzene
Concen: 0.007 ng
RT: 15.892 min Scan# 2180
Delta R.T. -0.018 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

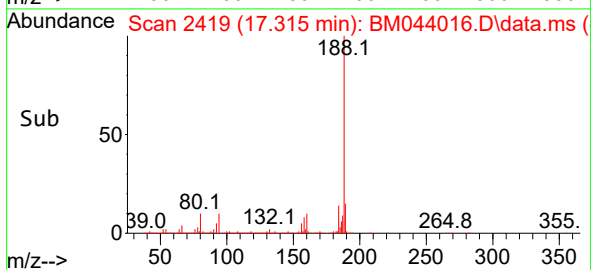
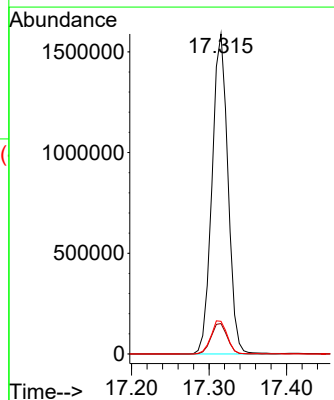
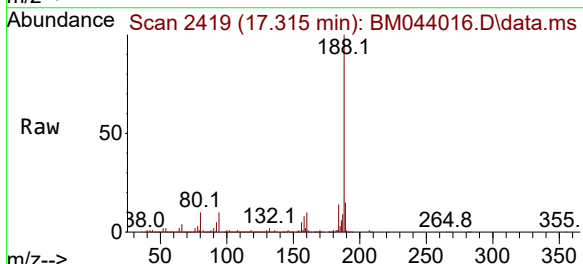
Instrument :
BNA_M
ClientSampleId :
PB158272BL

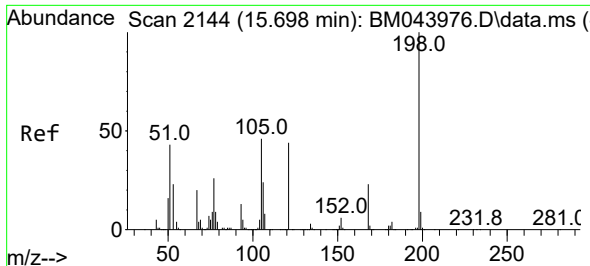
Tgt Ion: 77 Resp: 559
Ion Ratio Lower Upper
77 100
182 0.0 2.0 42.0#
105 22.4 0.5 40.5
51 51.2 10.1 50.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion: 188 Resp: 2266701
Ion Ratio Lower Upper
188 100
94 9.5 7.7 11.5
80 10.2 8.2 12.4

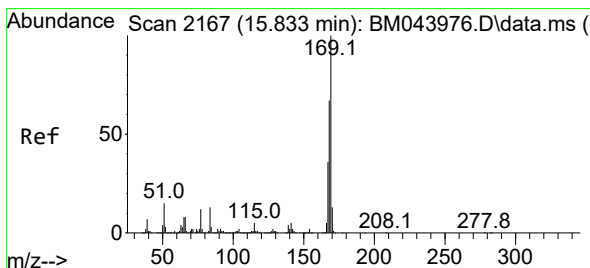
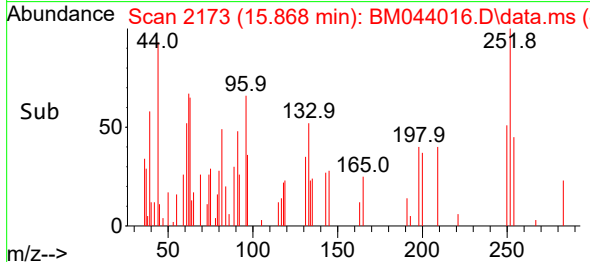
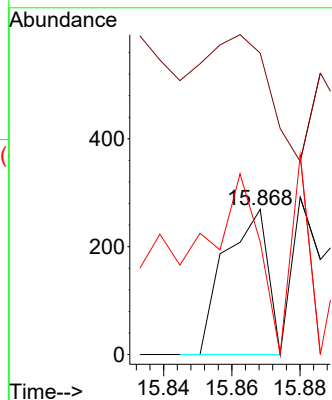
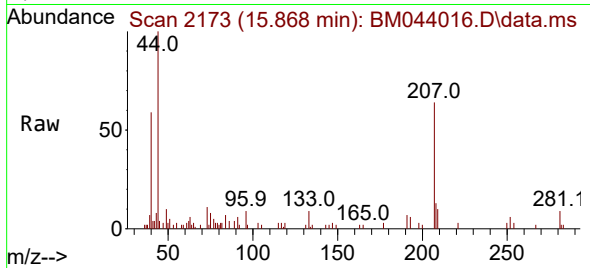




#65
4,6-Dinitro-2-methylphenol
Concen: 6.216 ng
RT: 15.868 min Scan# 2144
Delta R.T. 0.170 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

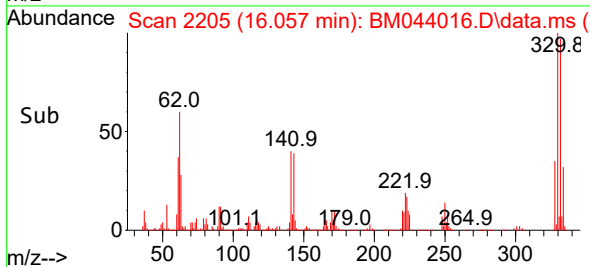
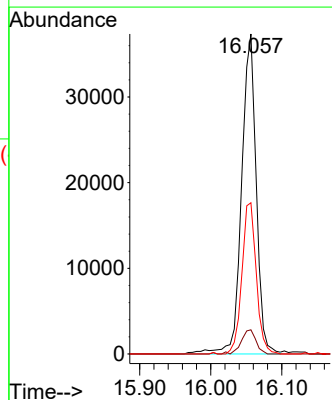
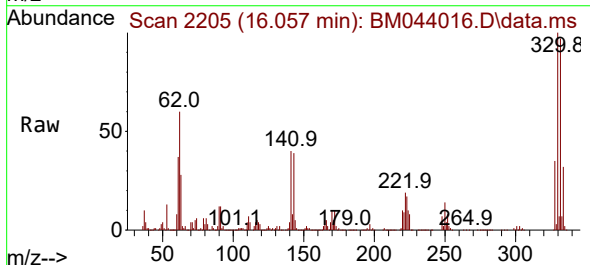
Instrument :
BNA_M
ClientSampleId :
PB158272BL

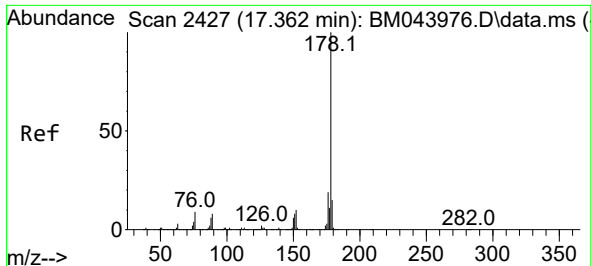
Tgt Ion:198 Resp: 234
Ion Ratio Lower Upper
198 100
51 207.8 31.9 71.9#
105 77.7 28.1 68.1#



#66
n-Nitrosodiphenylamine
Concen: 0.796 ng
RT: 16.057 min Scan# 2205
Delta R.T. 0.223 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion:169 Resp: 53741
Ion Ratio Lower Upper
169 100
168 7.6 53.4 80.2#
167 47.2 29.0 43.4#

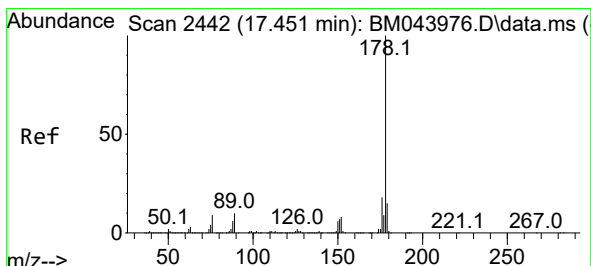
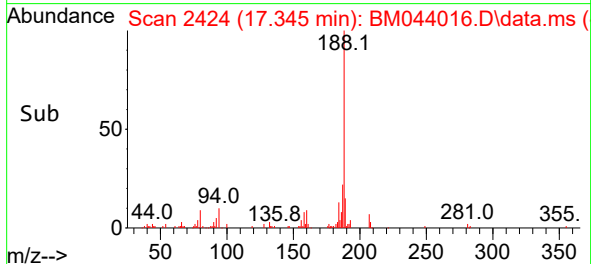
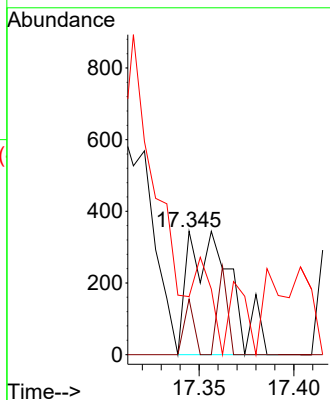
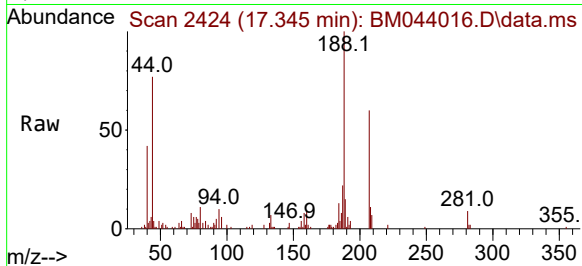




#71
Phenanthrene
Concen: 0.004 ng
RT: 17.345 min Scan# 2427
Delta R.T. -0.018 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

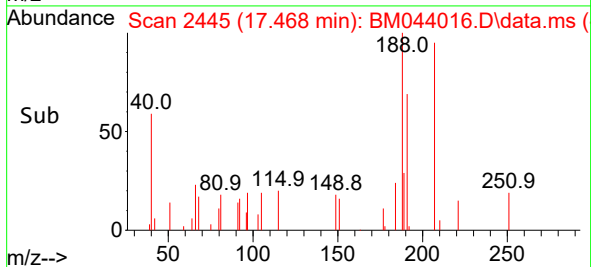
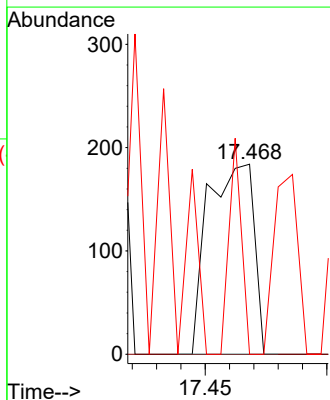
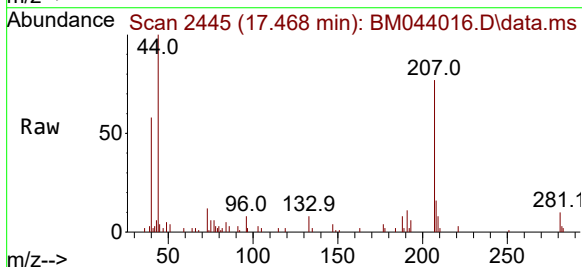
Instrument :
BNA_M
ClientSampleId :
PB158272BL

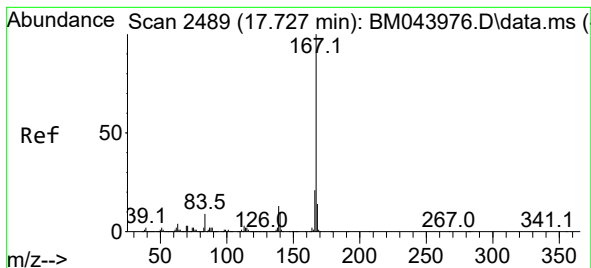
Tgt Ion:178 Resp: 541
Ion Ratio Lower Upper
178 100
176 114.8 15.3 22.9#
179 47.1 12.4 18.6#



#72
Anthracene
Concen: 0.002 ng
RT: 17.468 min Scan# 2445
Delta R.T. 0.018 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion:178 Resp: 240
Ion Ratio Lower Upper
178 100
176 0.0 14.6 22.0#
179 0.0 12.2 18.4#





#73

Carbazole

Concen: 0.001 ng

RT: 17.721 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

Instrument :

BNA_M

ClientSampleId :

PB158272BL

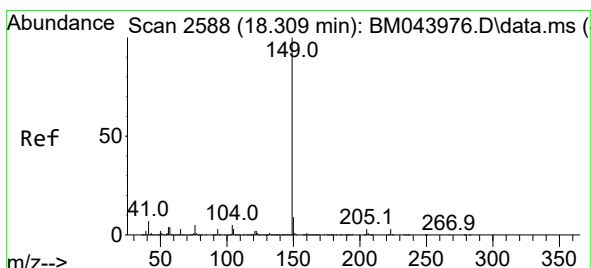
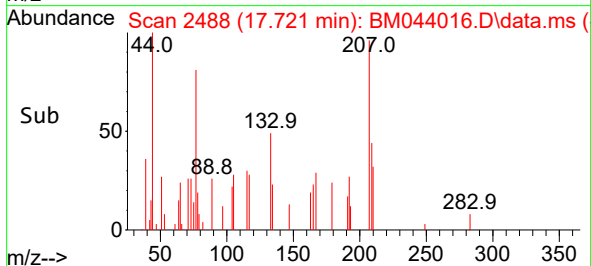
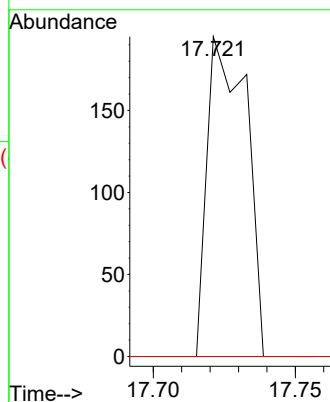
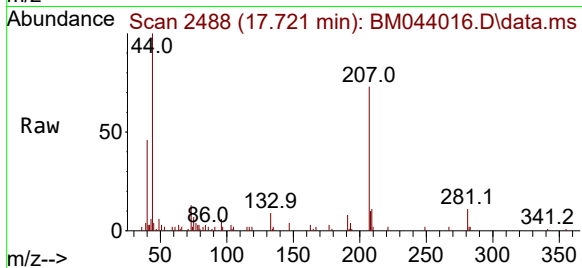
Tgt Ion:167 Resp: 186

Ion Ratio Lower Upper

167 100

166 0.0 17.1 25.7#

139 0.0 10.6 15.8#



#74

Di-n-butylphthalate

Concen: 0.014 ng

RT: 18.303 min Scan# 2587

Delta R.T. -0.006 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

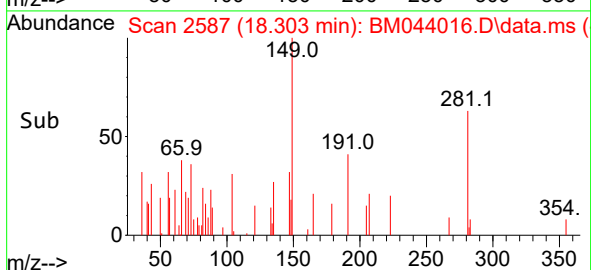
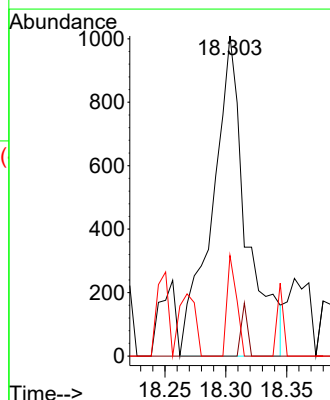
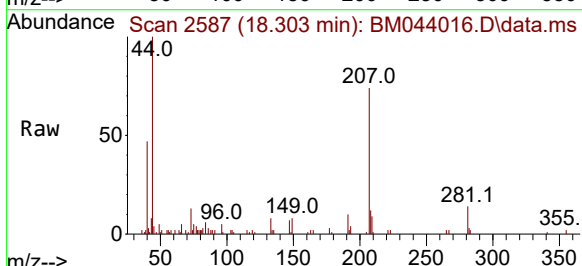
Tgt Ion:149 Resp: 1979

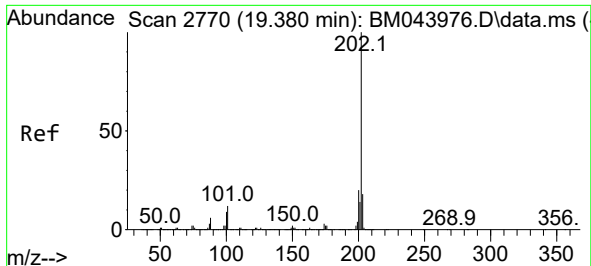
Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 31.4 4.1 6.1#

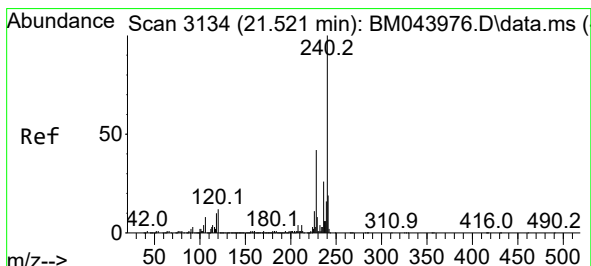
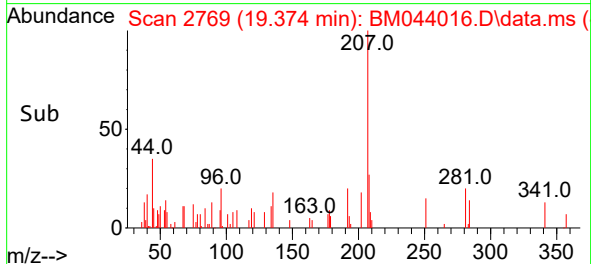
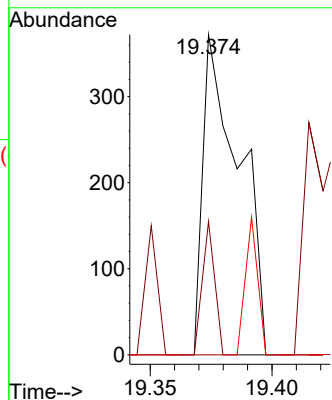
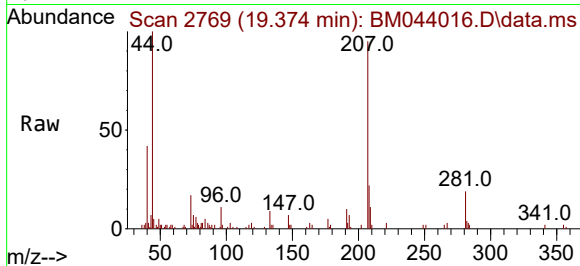




#75
Fluoranthene
Concen: 0.002 ng
RT: 19.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

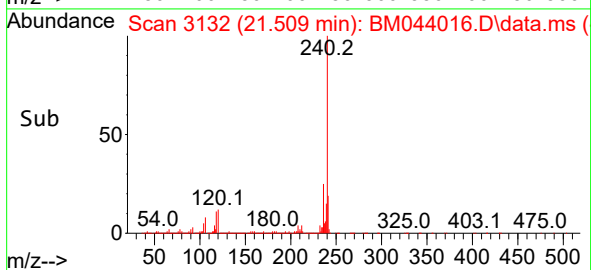
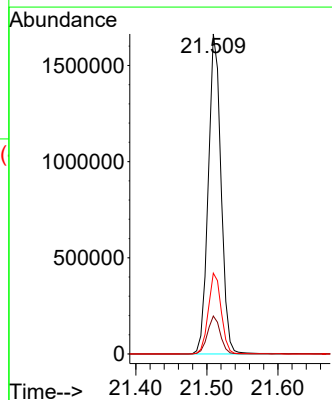
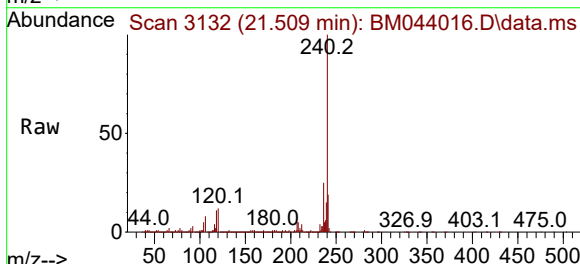
Instrument :
BNA_M
ClientSampleId :
PB158272BL

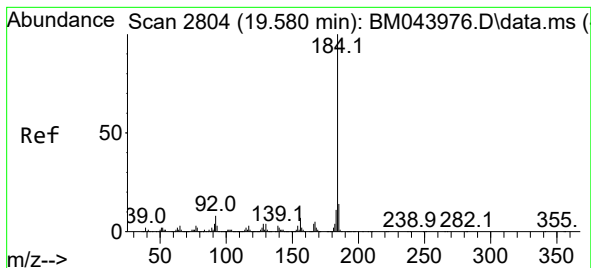
Tgt Ion:202 Resp: 386
Ion Ratio Lower Upper
202 100
101 41.7 0.0 31.9#
203 0.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion:240 Resp: 2080909
Ion Ratio Lower Upper
240 100
120 11.8 9.3 13.9
236 25.3 20.5 30.7





#77

Benzidine

Concen: 0.054 ng

RT: 19.574 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

Instrument :

BNA_M

ClientSampleId :

PB158272BL

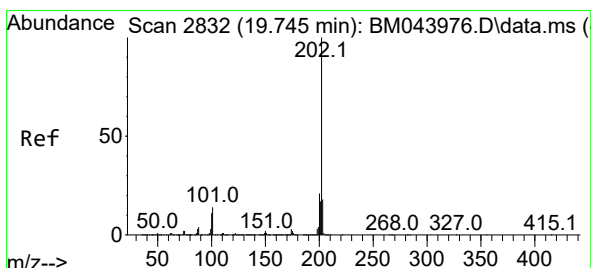
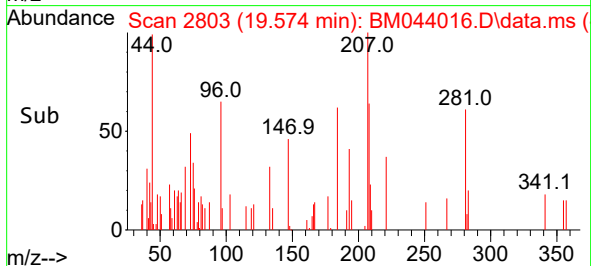
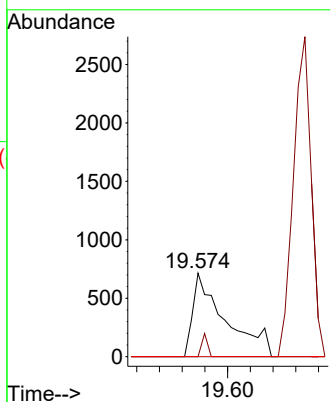
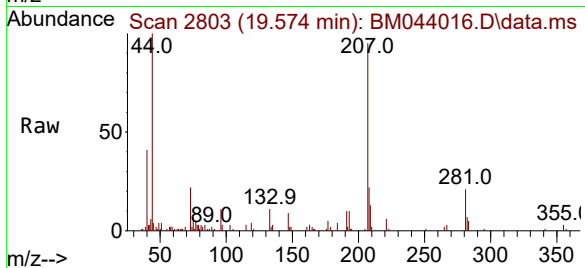
Tgt Ion:184 Resp: 1421

Ion Ratio Lower Upper

184 100

185 0.0 11.5 17.3#

183 0.0 8.9 13.3#



#78

Pyrene

Concen: 0.240 ng

RT: 19.956 min Scan# 2868

Delta R.T. 0.212 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

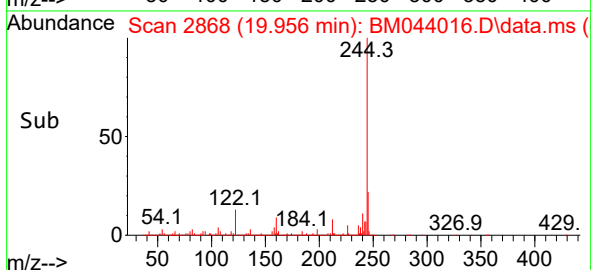
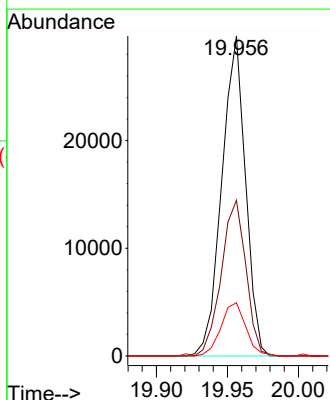
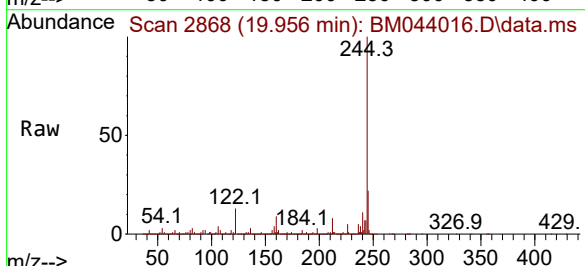
Tgt Ion:202 Resp: 34367

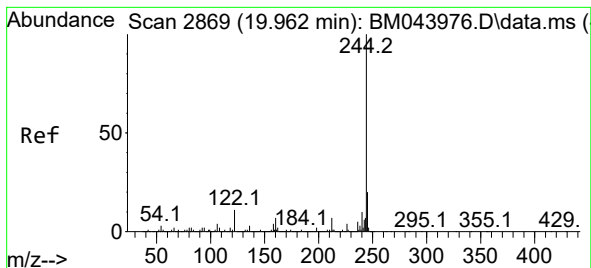
Ion Ratio Lower Upper

202 100

200 48.6 16.8 25.2#

203 16.7 14.2 21.4





#79

Terphenyl-d14

Concen: 99.543 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

Instrument :

BNA_M

ClientSampleId :

PB158272BL

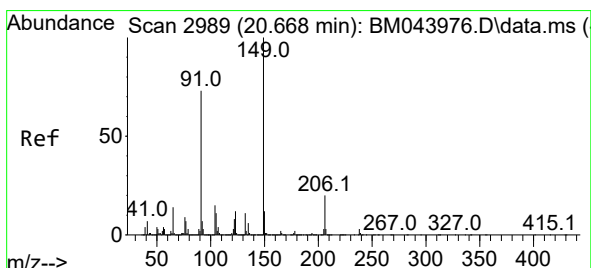
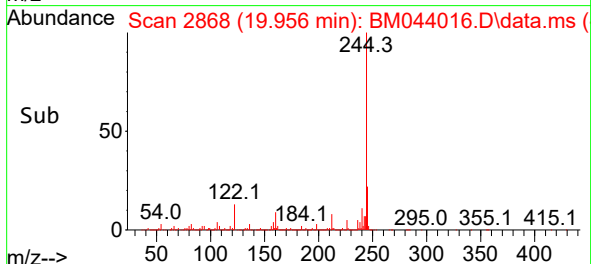
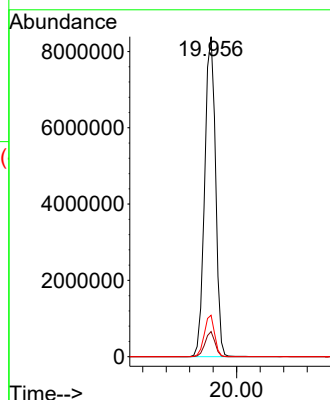
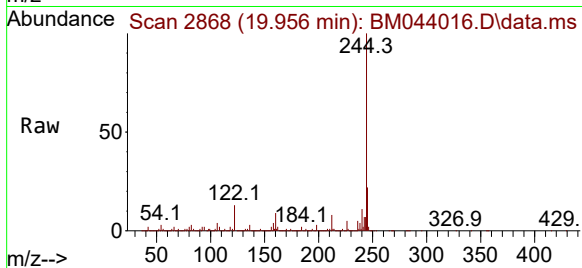
Tgt Ion:244 Resp:10730334

Ion Ratio Lower Upper

244 100

212 7.8 5.5 8.3

122 12.9 8.7 13.1



#80

Butylbenzylphthalate

Concen: 0.007 ng

RT: 20.686 min Scan# 2992

Delta R.T. 0.018 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

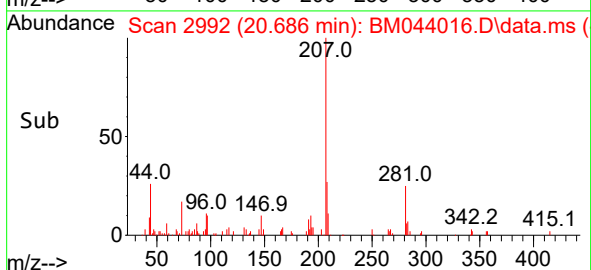
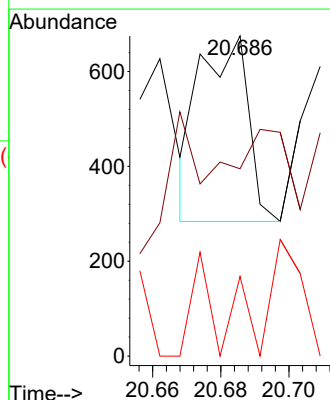
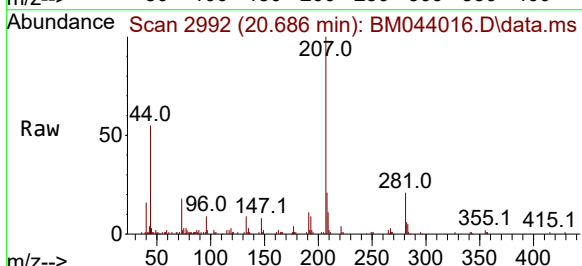
Tgt Ion:149 Resp: 383

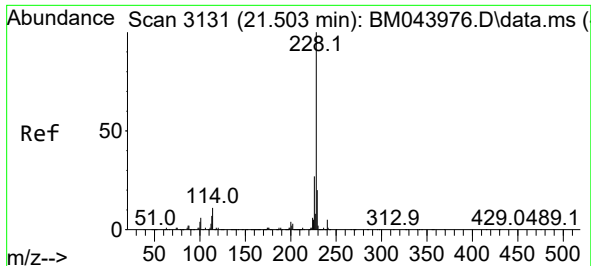
Ion Ratio Lower Upper

149 100

91 58.5 58.4 87.6

206 24.9 15.8 23.6#

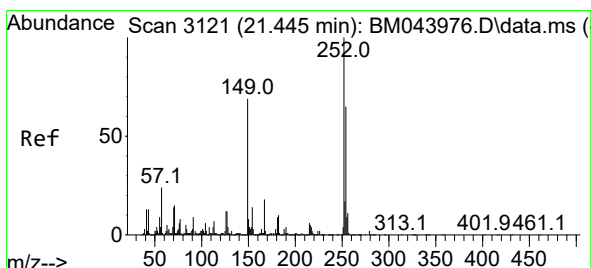
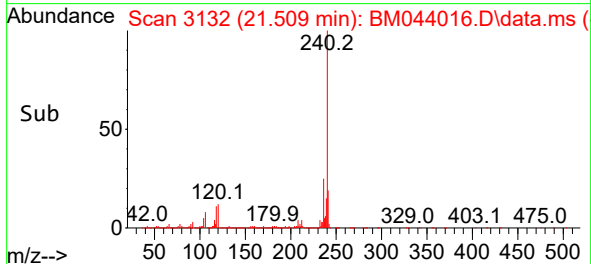
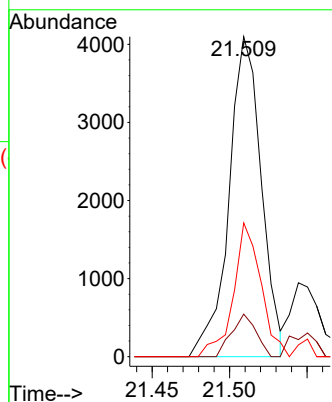
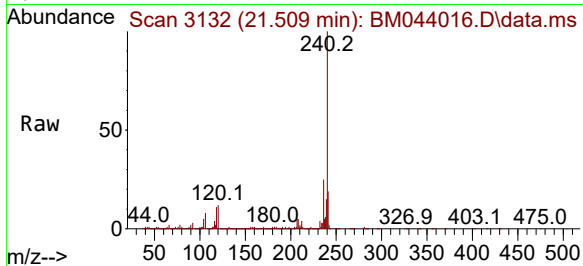




#81
Benzo(a)anthracene
Concen: 0.041 ng
RT: 21.509 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

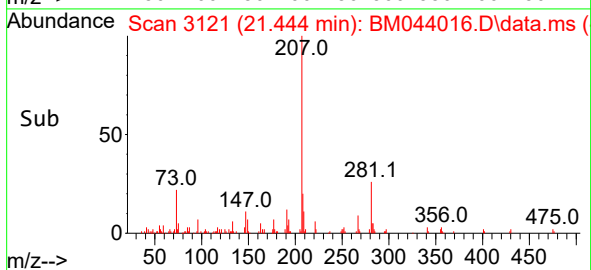
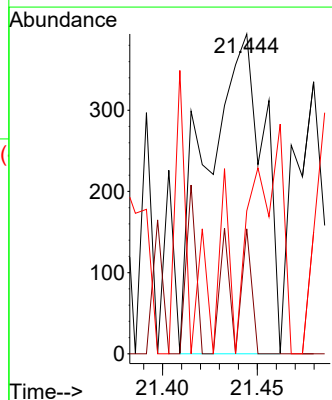
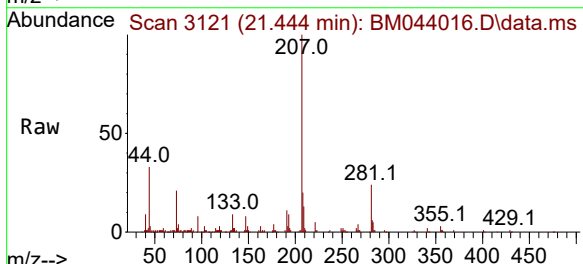
Instrument :
BNA_M
ClientSampleId :
PB158272BL

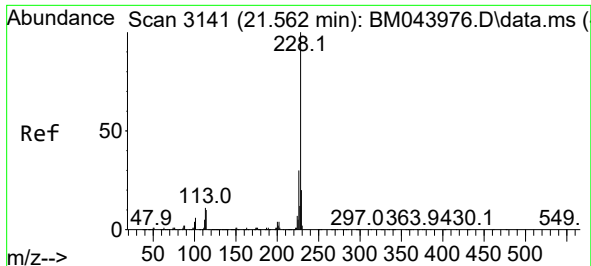
Tgt Ion:228 Resp: 5955
Ion Ratio Lower Upper
228 100
226 13.3 21.8 32.8#
229 41.8 16.1 24.1#



#82
3,3'-Dichlorobenzidine
Concen: 0.018 ng
RT: 21.444 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion:252 Resp: 831
Ion Ratio Lower Upper
252 100
254 39.1 51.6 77.4#
126 44.7 9.4 14.2#





#83

Chrysene

Concen: 0.009 ng

RT: 21.544 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

Instrument :

BNA_M

ClientSampleId :

PB158272BL

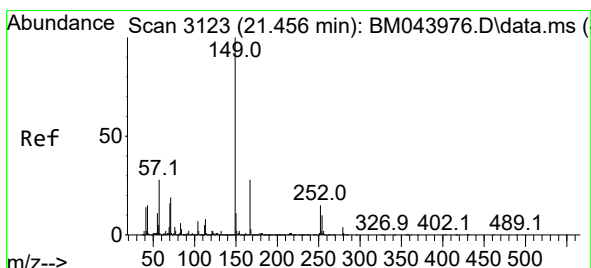
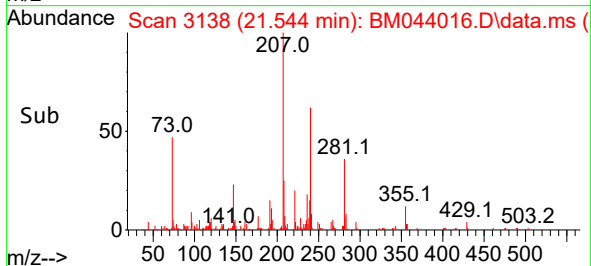
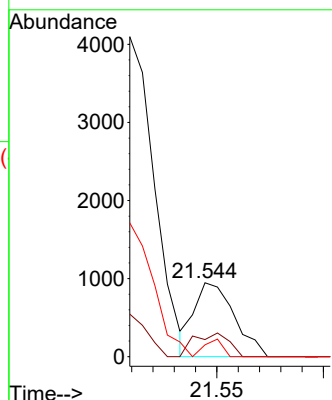
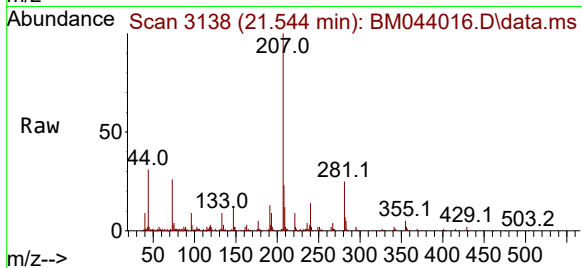
Tgt Ion:228 Resp: 1243

Ion Ratio Lower Upper

228 100

226 23.3 24.2 36.4#

229 16.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.023 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.018 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

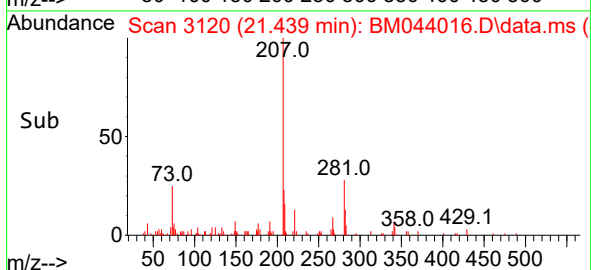
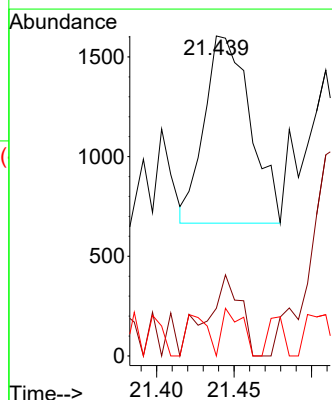
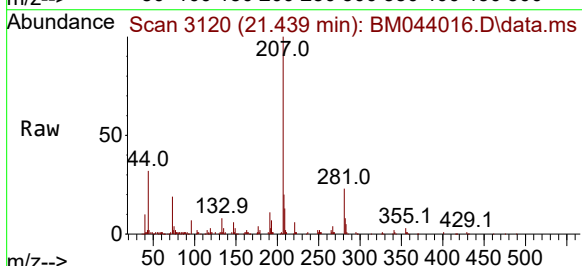
Tgt Ion:149 Resp: 1938

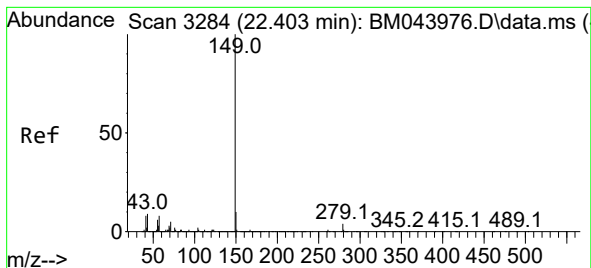
Ion Ratio Lower Upper

149 100

167 14.9 22.0 33.0#

279 0.0 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 0.005 ng

RT: 22.403 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

Instrument :

BNA_M

ClientSampleId :

PB158272BL

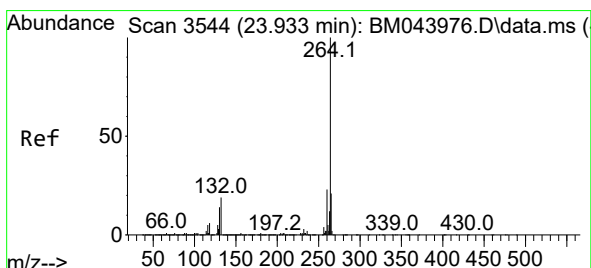
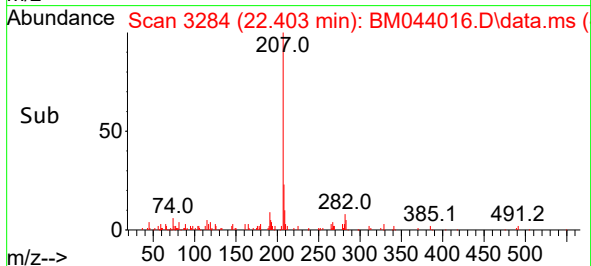
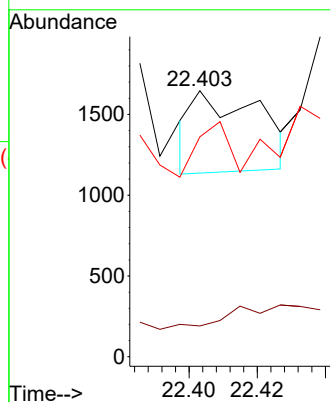
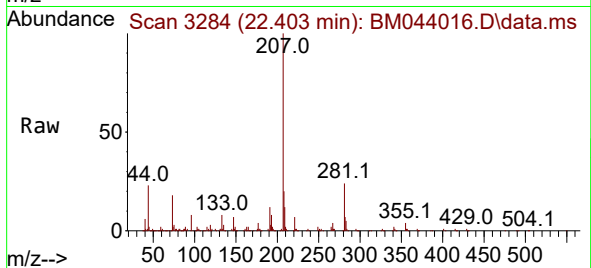
Tgt Ion:149 Resp: 674

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3542

Delta R.T. -0.012 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

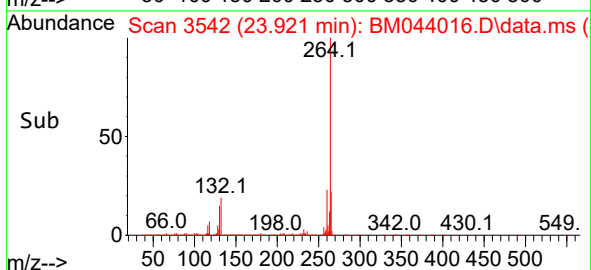
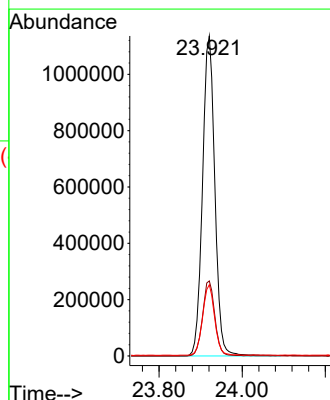
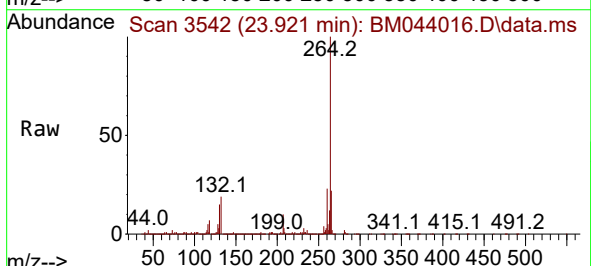
Tgt Ion:264 Resp: 2343319

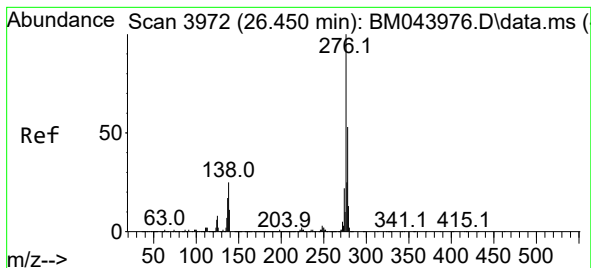
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 26.438 min Scan# 3970

Delta R.T. -0.012 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

Instrument :

BNA_M

ClientSampleId :

PB158272BL

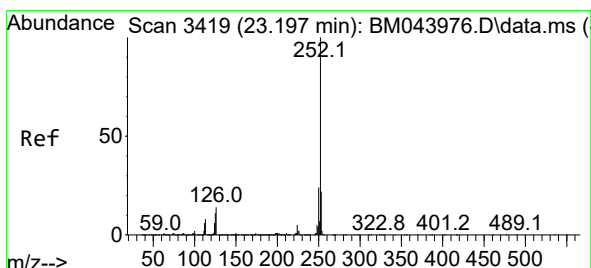
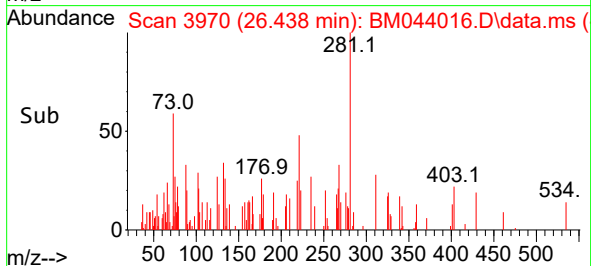
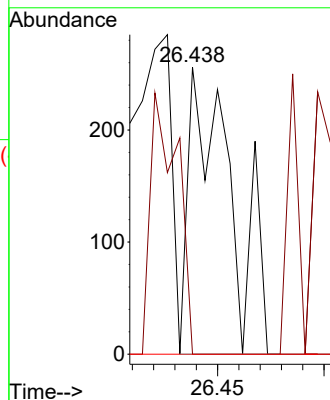
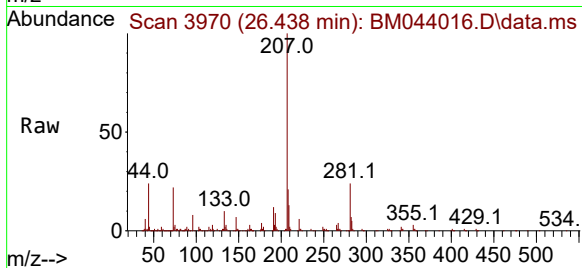
Tgt Ion:276 Resp: 355

Ion Ratio Lower Upper

276 100

138 0.0 21.8 32.6#

277 0.0 19.9 29.9#



#88

Benzo(b)fluoranthene

Concen: 0.008 ng

RT: 23.185 min Scan# 3417

Delta R.T. -0.012 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

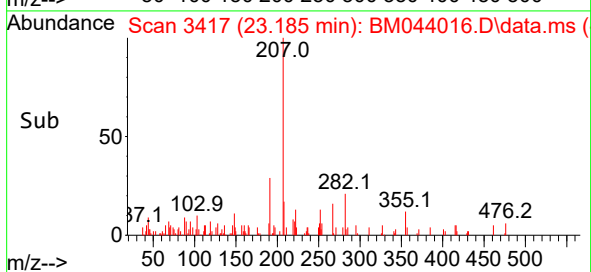
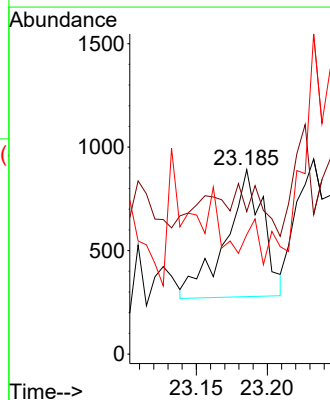
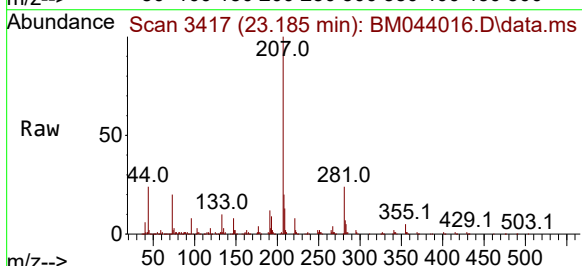
Tgt Ion:252 Resp: 1126

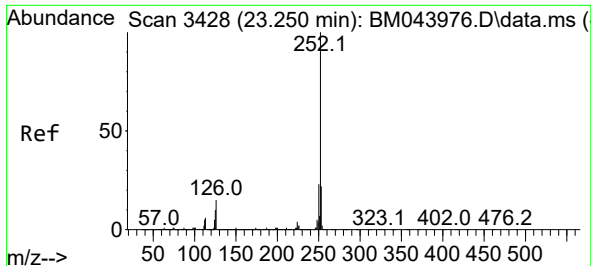
Ion Ratio Lower Upper

252 100

253 77.3 17.7 26.5#

125 64.8 9.0 13.6#

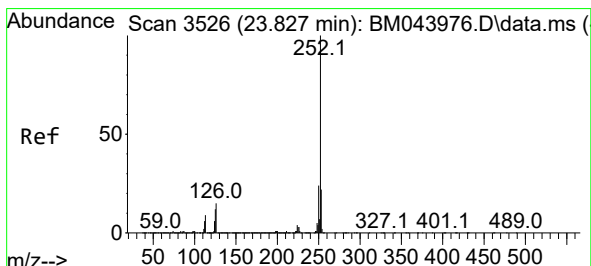
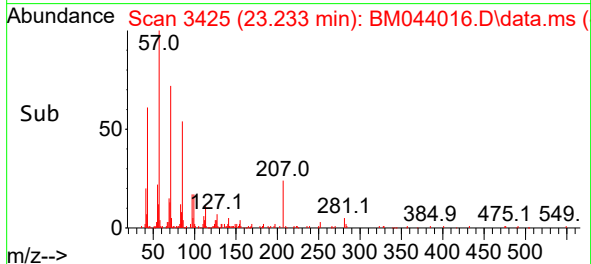
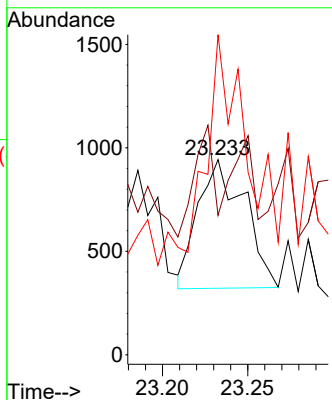
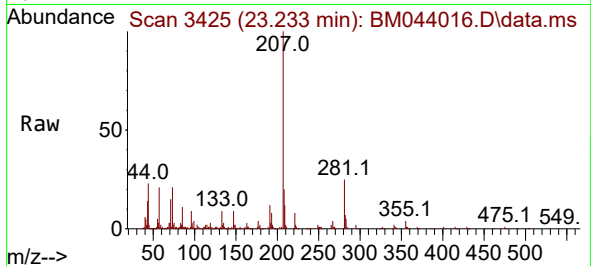




#89
Benzo(k)fluoranthene
Concen: 0.008 ng
RT: 23.233 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

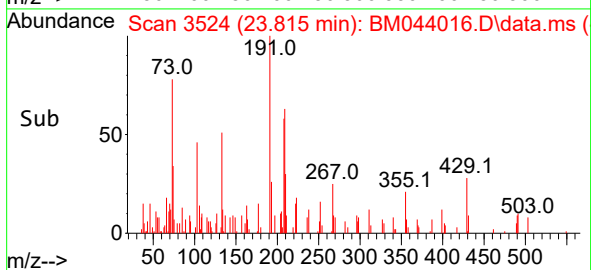
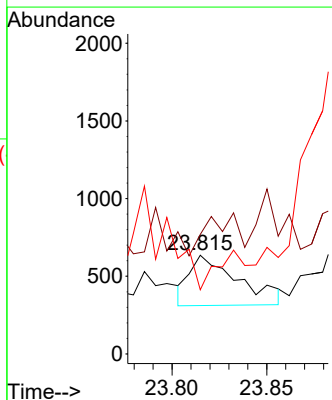
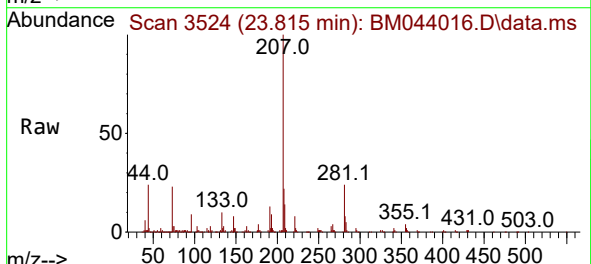
Instrument :
BNA_M
ClientSampleId :
PB158272BL

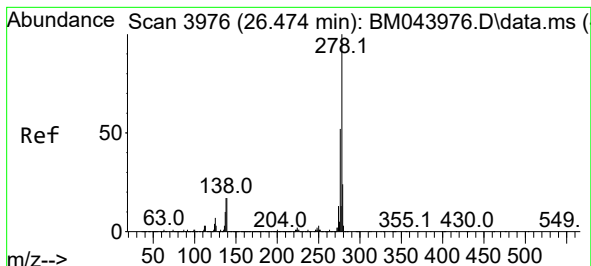
Tgt Ion:252 Resp: 1180
Ion Ratio Lower Upper
252 100
253 71.5 17.4 26.2#
125 164.1 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 0.004 ng
RT: 23.815 min Scan# 3524
Delta R.T. -0.012 min
Lab File: BM044016.D
Acq: 07 Feb 2024 06:57

Tgt Ion:252 Resp: 581
Ion Ratio Lower Upper
252 100
253 121.1 17.7 26.5#
125 65.0 9.4 14.2#





#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 26.450 min Scan# 3

Delta R.T. -0.024 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

Instrument :

BNA_M

ClientSampleId :

PB158272BL

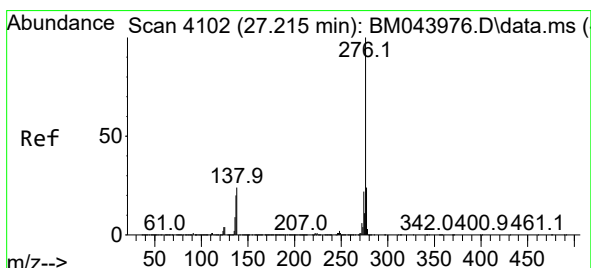
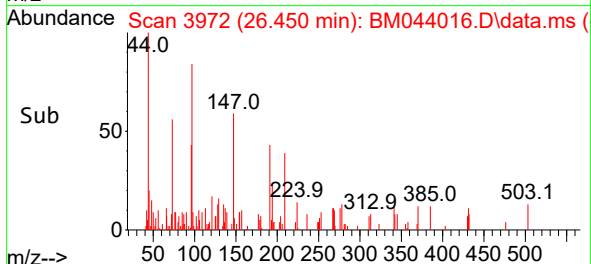
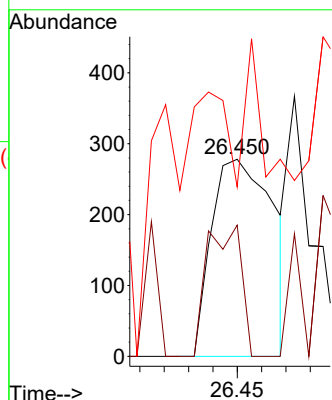
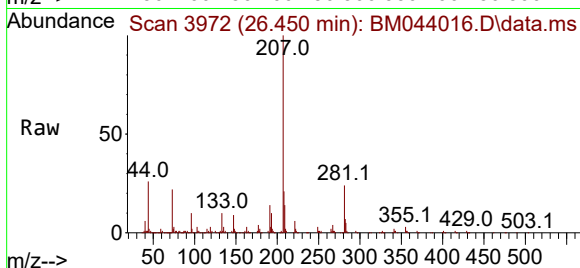
Tgt Ion:278 Resp: 489

Ion Ratio Lower Upper

278 100

139 66.5 13.7 20.5#

279 86.0 19.3 28.9#



#92

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 27.168 min Scan# 4094

Delta R.T. -0.047 min

Lab File: BM044016.D

Acq: 07 Feb 2024 06:57

Tgt Ion:276 Resp: 346

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 59.9 18.8 28.2#

