

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
 Data File : BM050000.D
 Acq On : 22 Apr 2025 17:47
 Operator : RC/JU
 Sample : Q1841-03 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OILY-LIQUIDS

Quant Time: Apr 23 01:13:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

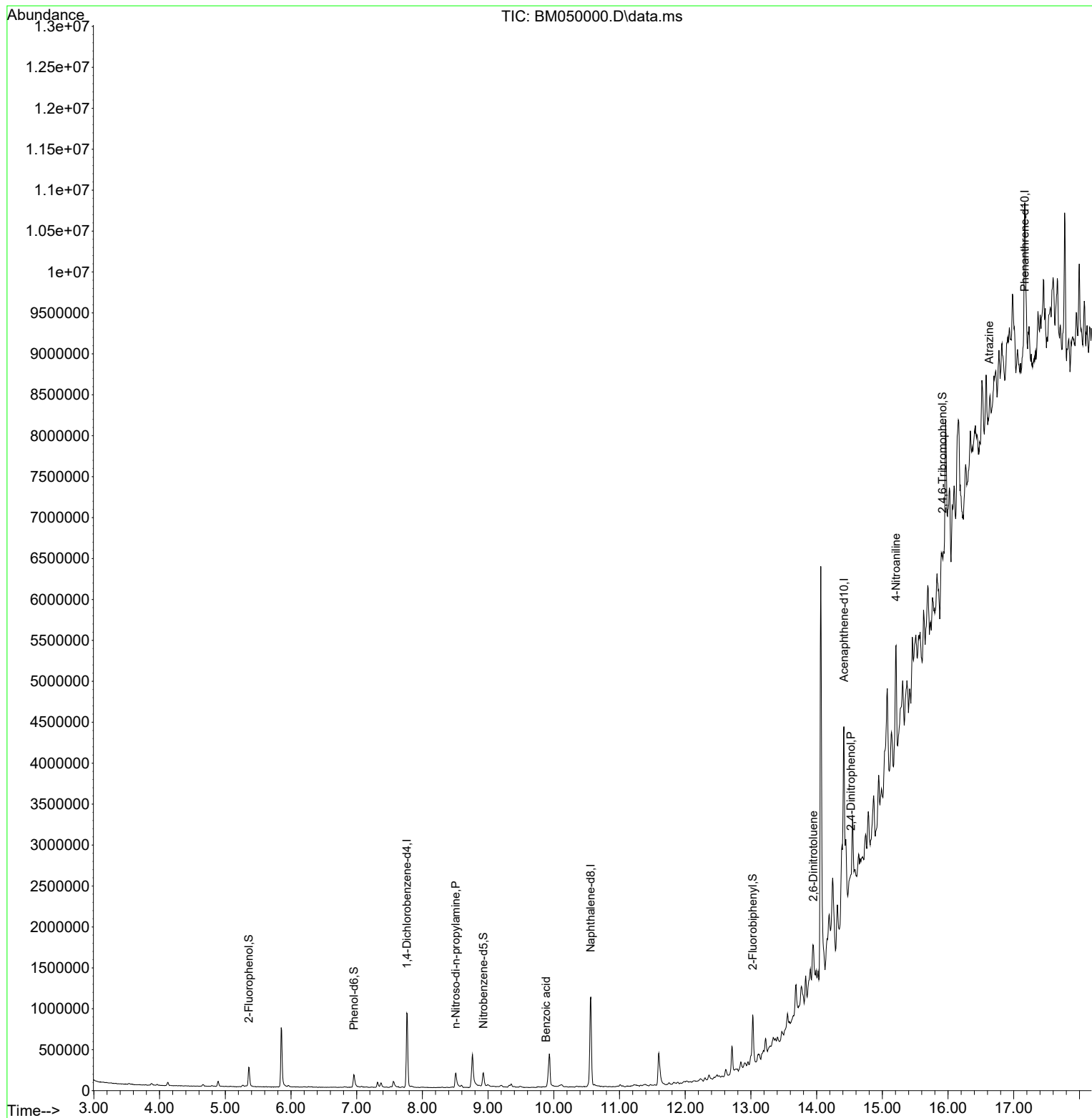
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	276391	20.000	ng	-0.02
21) Naphthalene-d8	10.563	136	969912	20.000	ng	-0.01
39) Acenaphthene-d10	14.415	164	624736	20.000	ng	0.00
64) Phenanthrene-d10	17.168	188	1076215	20.000	ng	# 0.00
76) Chrysene-d12	21.403	240	1134663	20.000	ng	0.00
86) Perylene-d12	24.403	264	1305406	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	118732	7.295	ng	0.00
7) Phenol-d6	6.957	99	118591	5.856	ng	0.00
23) Nitrobenzene-d5	8.928	82	111043	6.375	ng	0.00
42) 2,4,6-Tribromophenol	15.915	330	85506	9.410	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	324745	7.049	ng	-0.02
79) Terphenyl-d14	19.786	244	448833	7.413	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.510	70	35957	3.206	ng	# 68
32) Benzoic acid	9.880	122	2312	8.690	ng	# 73
51) 2,6-Dinitrotoluene	13.951	165	64306	6.964	ng	# 35
54) 2,4-Dinitrophenol	14.521	184	550	7.299	ng	# 1
62) 4-Nitroaniline	15.209	138	20366	2.207	ng	94
69) Atrazine	16.627	200	24979	2.991	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.297	149	207789	4.854	ng	96
85) Di-n-octyl phthalate	22.438	149	218444	2.917	ng	# 80

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

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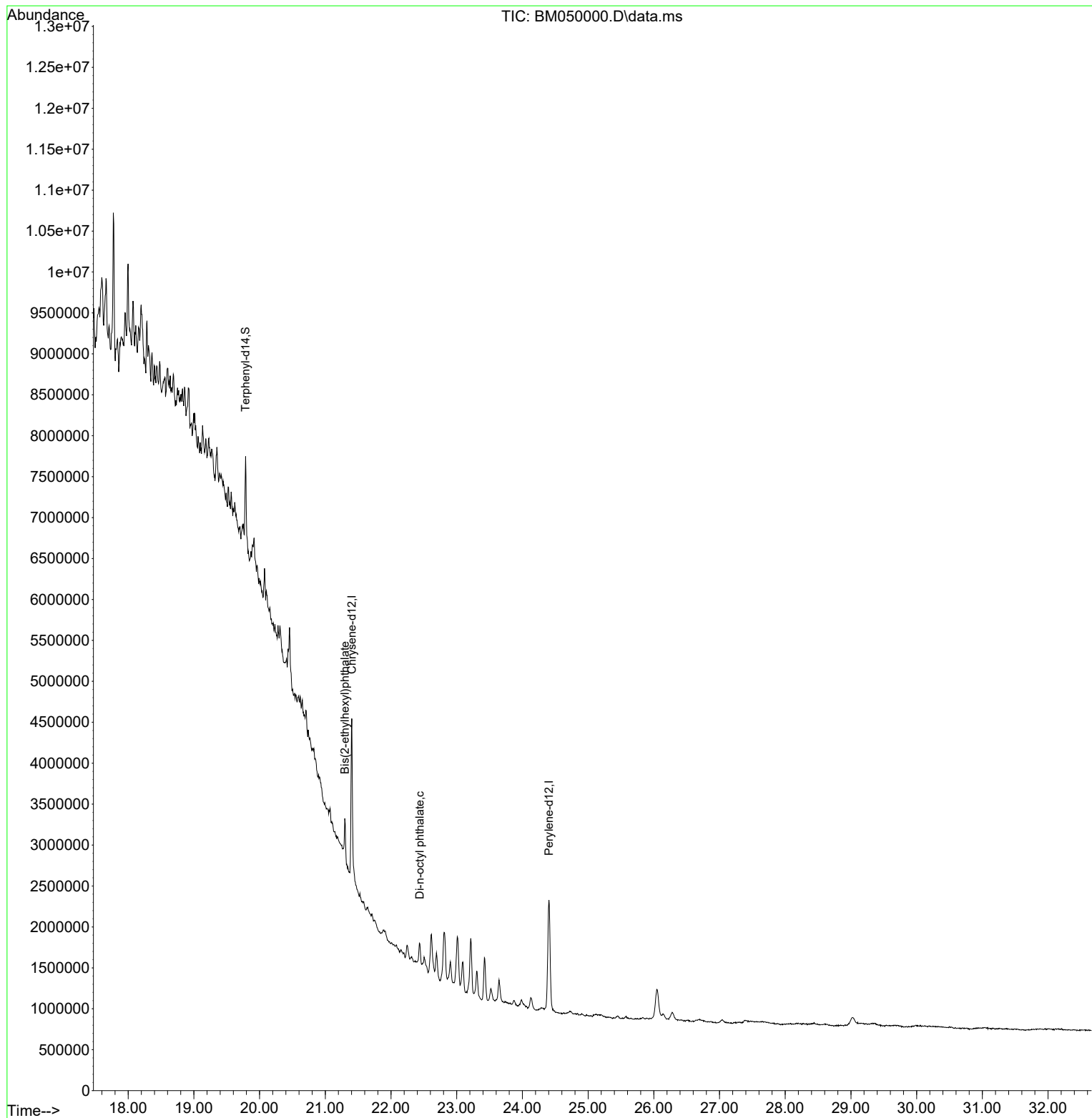
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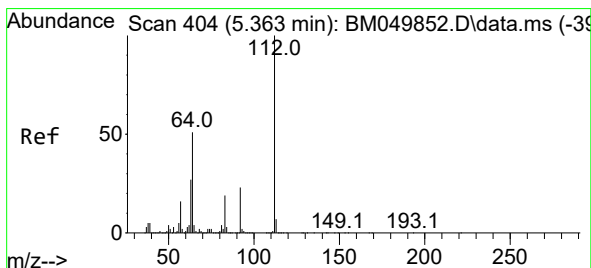
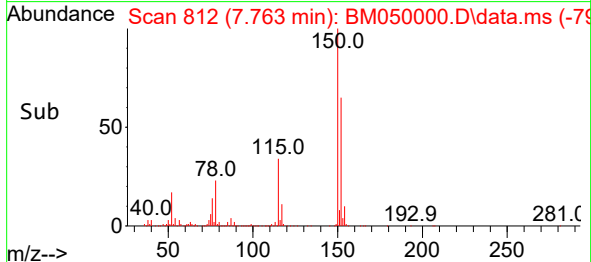
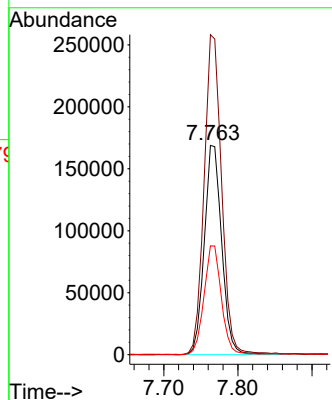
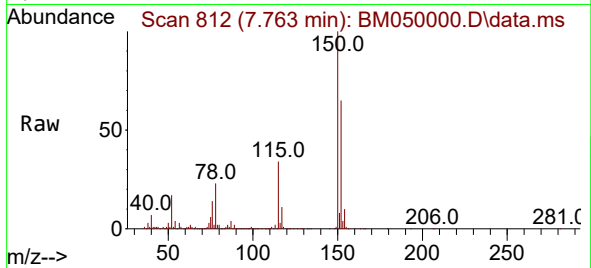




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM050000.D
Acq: 22 Apr 2025 17:47

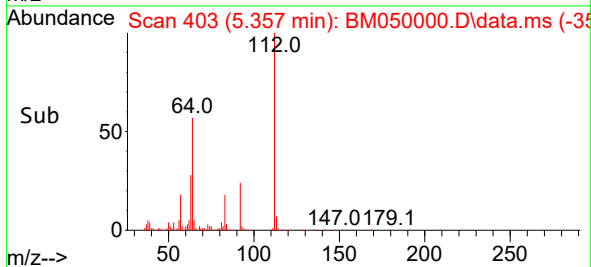
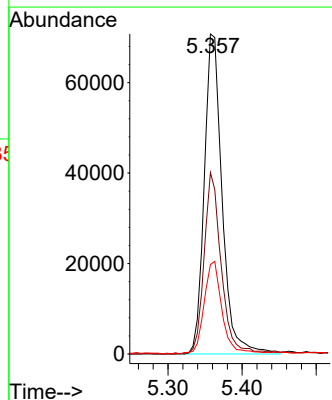
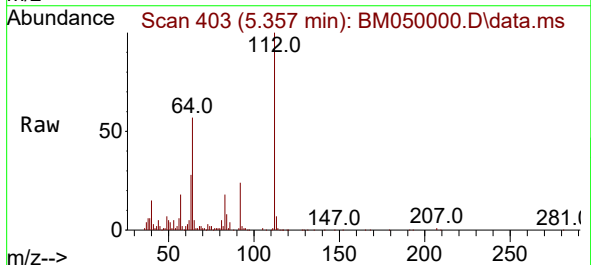
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 276391
Ion Ratio Lower Upper
152 100
150 152.9 124.3 186.5
115 52.0 41.1 61.7



#5
2-Fluorophenol
Concen: 7.295 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM050000.D
Acq: 22 Apr 2025 17:47

Tgt Ion:112 Resp: 118732
Ion Ratio Lower Upper
112 100
64 56.7 41.0 61.6
63 28.0 21.5 32.3

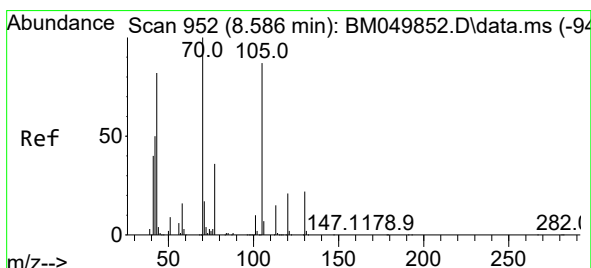
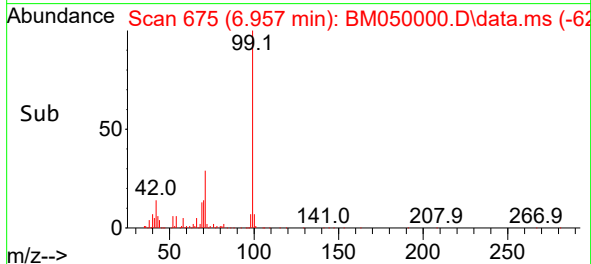
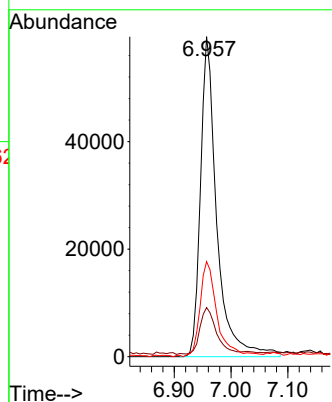
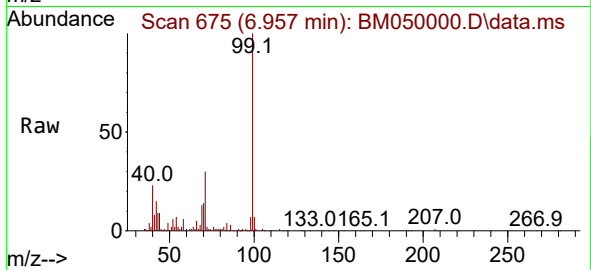




#7
Phenol-d6
Concen: 5.856 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050000.D
Acq: 22 Apr 2025 17:47

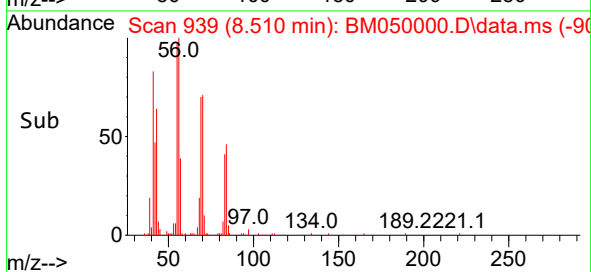
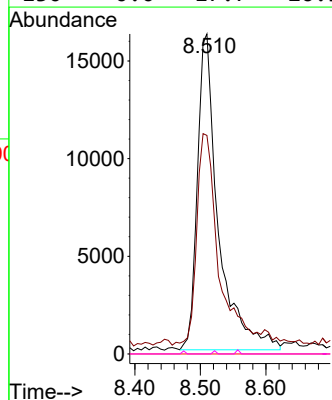
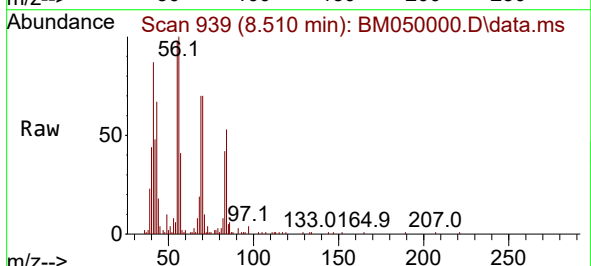
Instrument :
BNA_M
ClientSampleId :
OILY-LIQUIDS

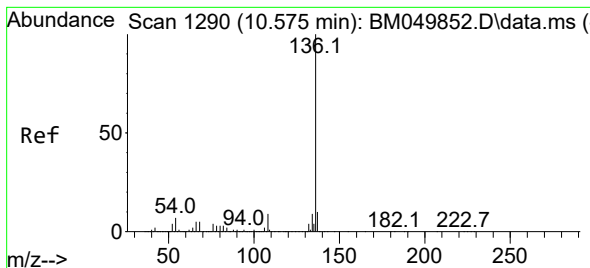
Tgt Ion: 99 Resp: 118591
Ion Ratio Lower Upper
99 100
42 15.3 12.1 18.1
71 29.7 24.9 37.3



#19
n-Nitroso-di-n-propylamine
Concen: 3.206 ng
RT: 8.510 min Scan# 939
Delta R.T. -0.077 min
Lab File: BM050000.D
Acq: 22 Apr 2025 17:47

Tgt Ion: 70 Resp: 35957
Ion Ratio Lower Upper
70 100
42 68.3 40.2 60.2#
101 0.0 7.9 11.9#
130 0.0 17.7 26.5#

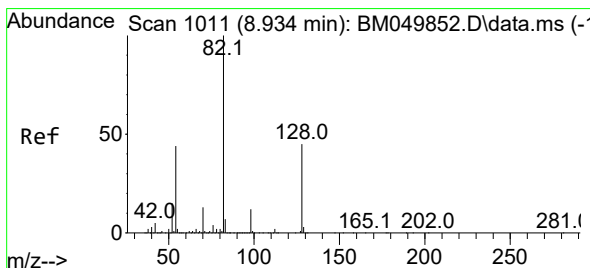
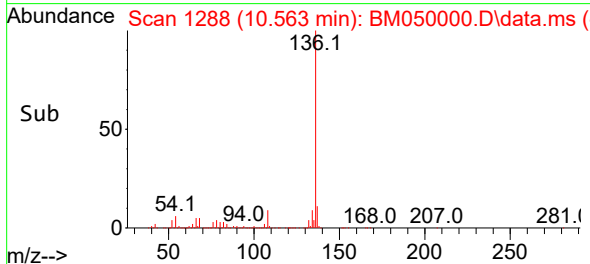
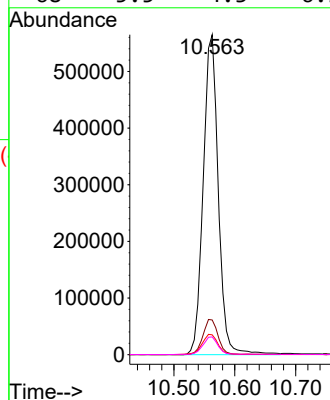
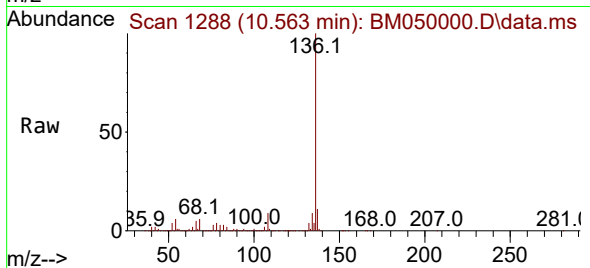




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050000.D
Acq: 22 Apr 2025 17:47

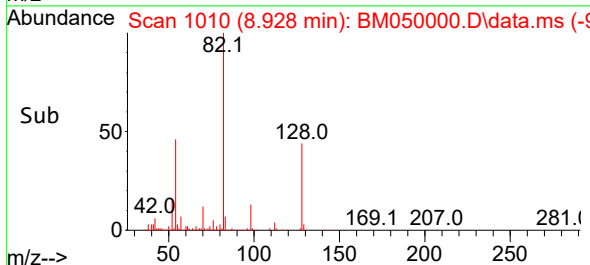
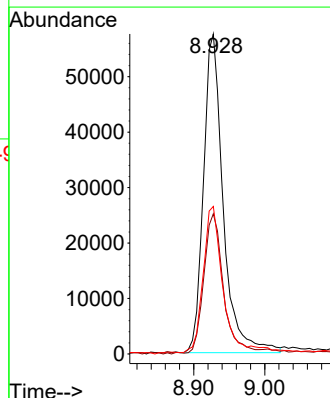
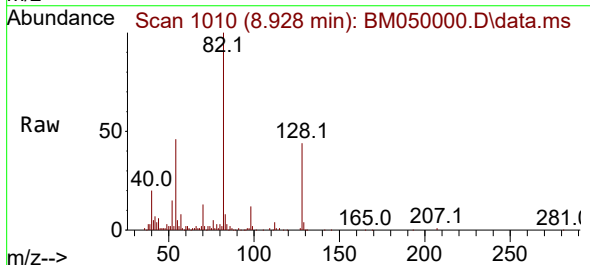
Instrument :
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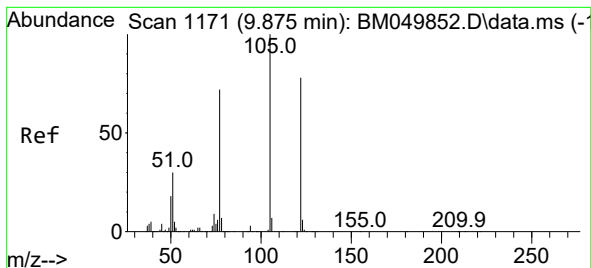
Tgt Ion:136 Resp: 969912
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.2 5.3 7.9
68 5.5 4.3 6.5



#23
Nitrobenzene-d5
Concen: 6.375 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM050000.D
Acq: 22 Apr 2025 17:47

Tgt Ion: 82 Resp: 111043
Ion Ratio Lower Upper
82 100
128 43.8 36.2 54.2
54 46.1 35.0 52.6





#32

Benzoic acid

Concen: 8.690 ng

RT: 9.880 min Scan# 1171

Delta R.T. 0.005 min

Lab File: BM050000.D

Acq: 22 Apr 2025 17:47

Instrument :

BNA_M

ClientSampleId :

OILY-LIQUIDS

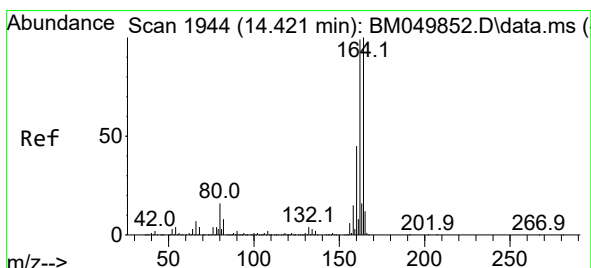
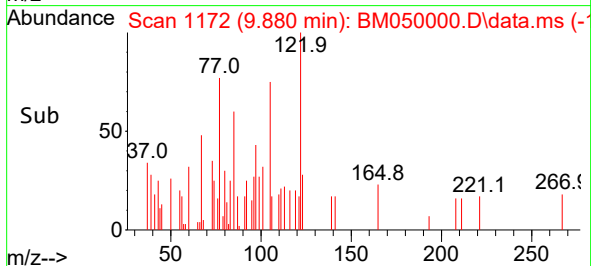
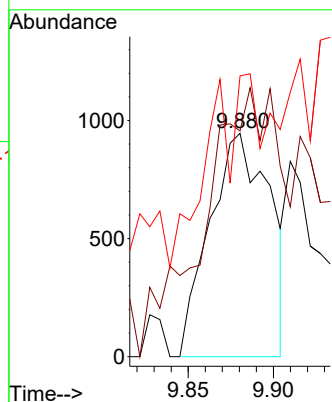
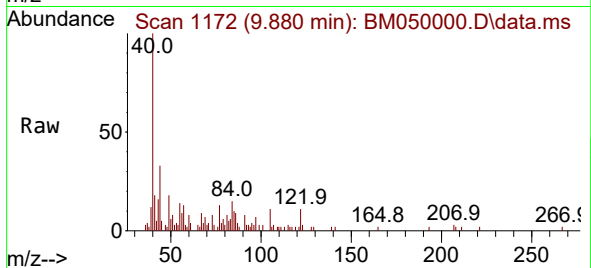
Tgt Ion:122 Resp: 2312

Ion Ratio Lower Upper

122 100

105 101.1 103.8 143.8#

77 125.7 70.7 110.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.415 min Scan# 1943

Delta R.T. -0.006 min

Lab File: BM050000.D

Acq: 22 Apr 2025 17:47

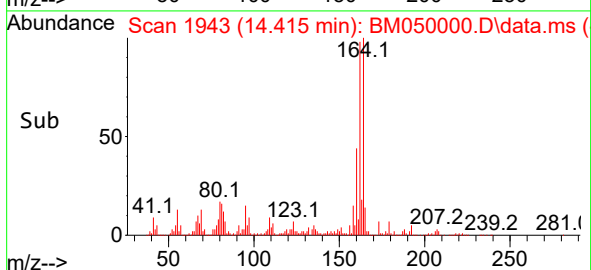
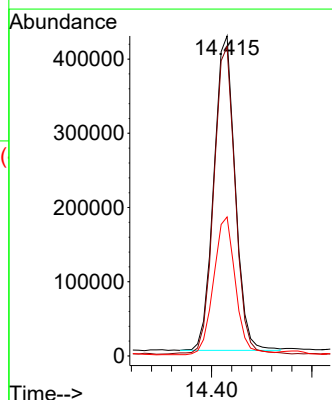
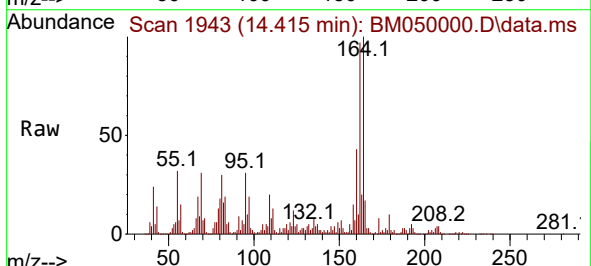
Tgt Ion:164 Resp: 624736

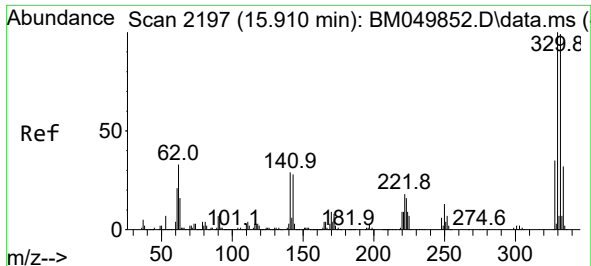
Ion Ratio Lower Upper

164 100

162 96.6 79.4 119.0

160 43.4 36.2 54.2

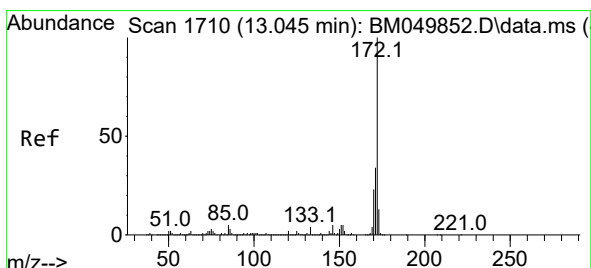
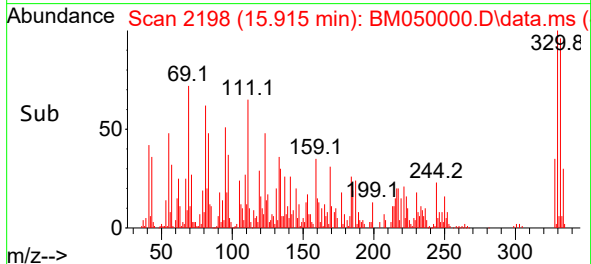
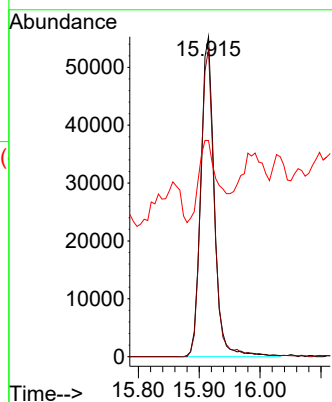
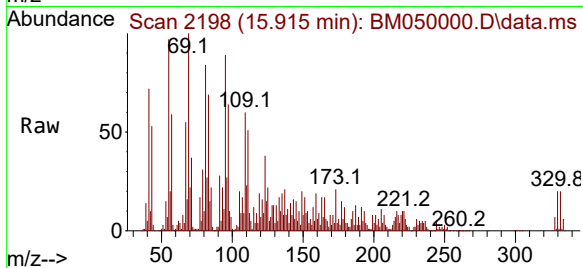




#42
2,4,6-Tribromophenol
Concen: 9.410 ng
RT: 15.915 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050000.D
Acq: 22 Apr 2025 17:47

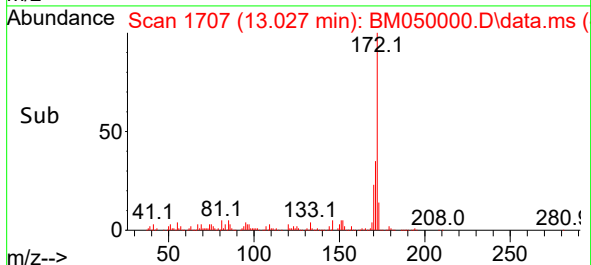
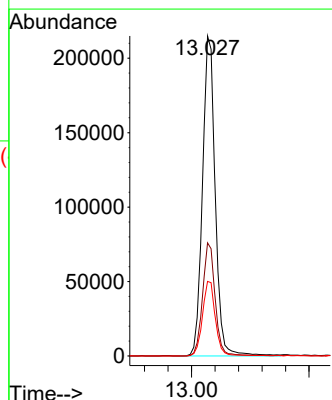
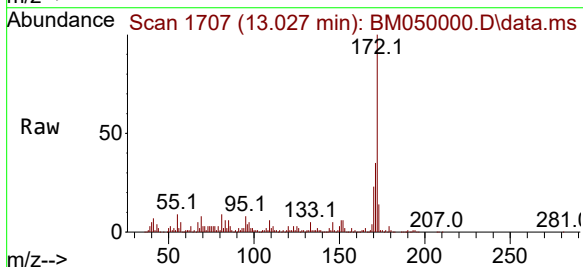
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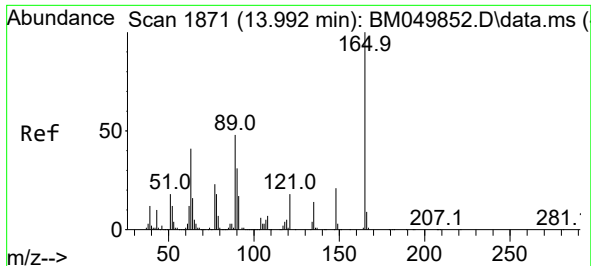
Tgt Ion:330 Resp: 85506
Ion Ratio Lower Upper
330 100
332 97.8 78.0 117.0
141 37.0 23.5 35.3#



#45
2-Fluorobiphenyl
Concen: 7.049 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.018 min
Lab File: BM050000.D
Acq: 22 Apr 2025 17:47

Tgt Ion:172 Resp: 324745
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.2
170 23.3 18.6 28.0

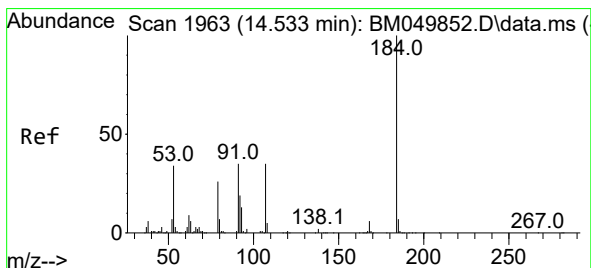
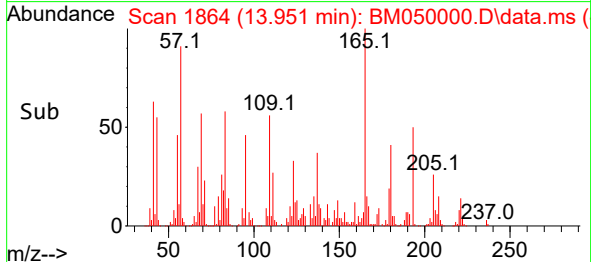
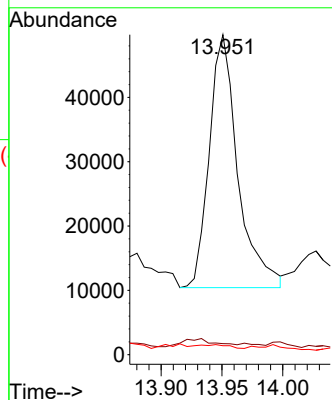
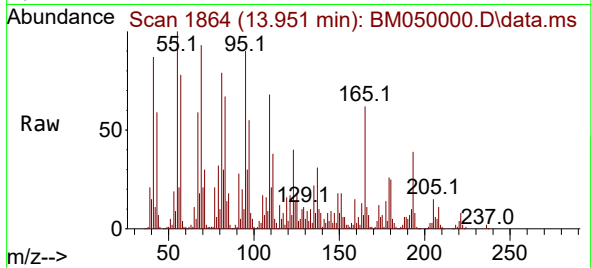




#51
2,6-Dinitrotoluene
Concen: 6.964 ng
RT: 13.951 min Scan# 1864
Delta R.T. -0.041 min
Lab File: BM050000.D
Acq: 22 Apr 2025 17:47

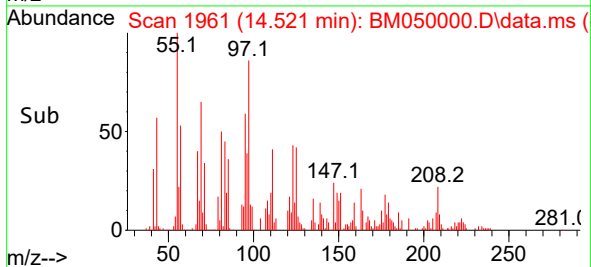
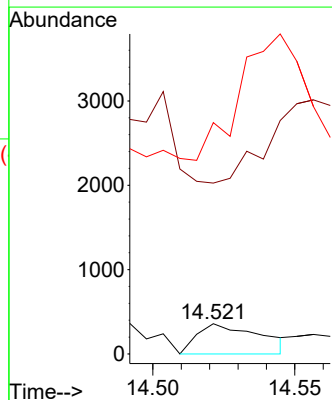
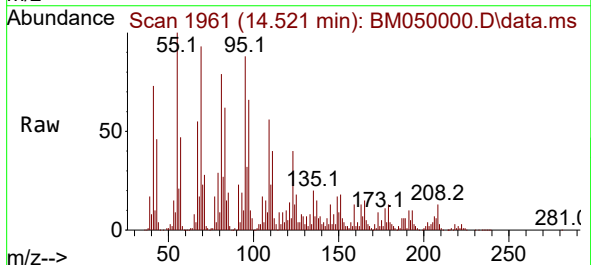
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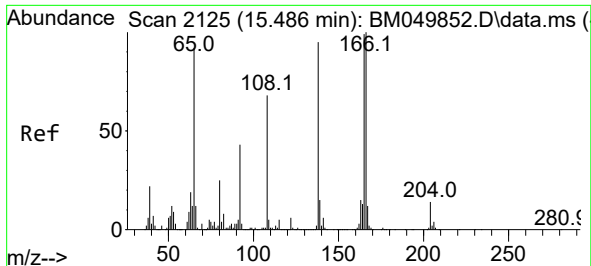
Tgt Ion:165 Resp: 64306
Ion Ratio Lower Upper
165 100
63 3.4 36.1 54.1#
89 2.8 38.3 57.5#



#54
2,4-Dinitrophenol
Concen: 7.299 ng
RT: 14.521 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BM050000.D
Acq: 22 Apr 2025 17:47

Tgt Ion:184 Resp: 550
Ion Ratio Lower Upper
184 100
63 564.3 38.4 57.6#
154 764.1 48.1 72.1#

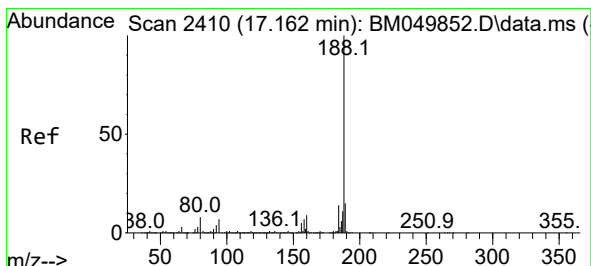
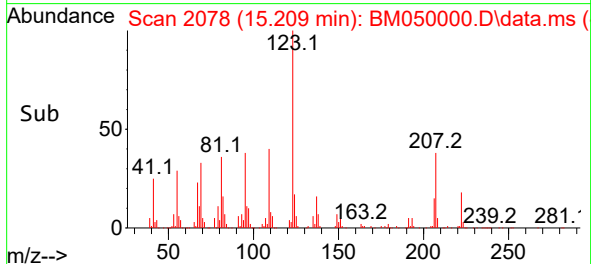
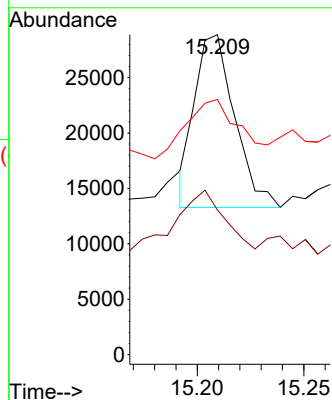
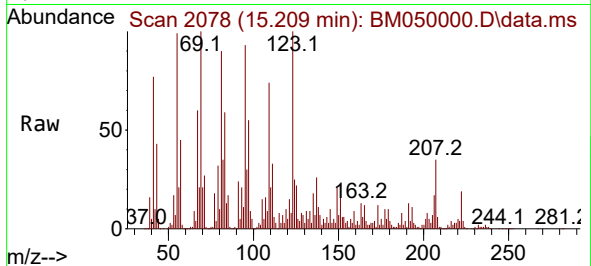




#62
4-Nitroaniline
Concen: 2.207 ng
RT: 15.209 min Scan# 20
Delta R.T. -0.277 min
Lab File: BM050000.D
Acq: 22 Apr 2025 17:47

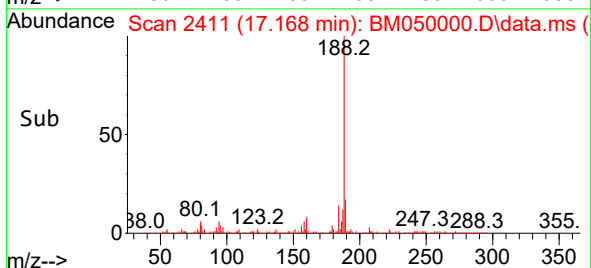
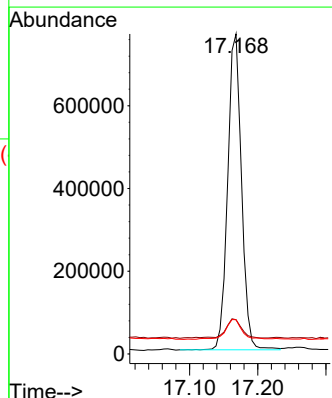
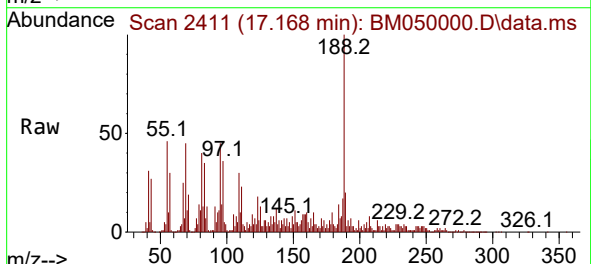
Instrument :
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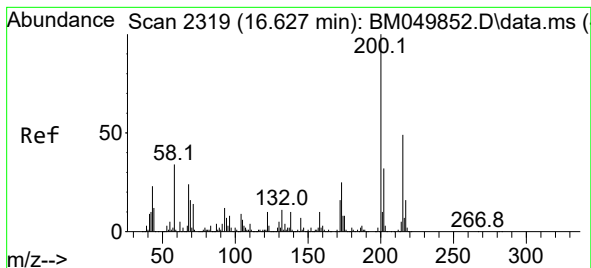
Tgt Ion:138 Resp: 20366
Ion Ratio Lower Upper
138 100
92 45.2 24.9 64.9
108 79.7 51.7 91.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BM050000.D
Acq: 22 Apr 2025 17:47

Tgt Ion:188 Resp: 1076215
Ion Ratio Lower Upper
188 100
94 10.7 5.8 8.6#
80 10.7 6.4 9.6#





#69

Atrazine

Concen: 2.991 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050000.D

Acq: 22 Apr 2025 17:47

Instrument :

BNA_M

ClientSampleId :

OILY-LIQUIDS

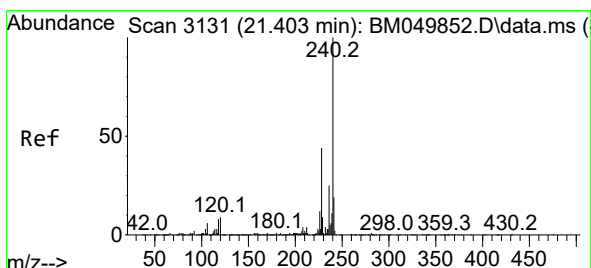
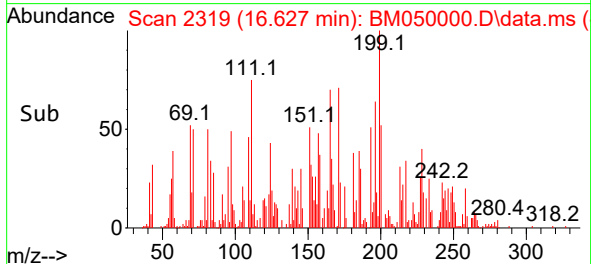
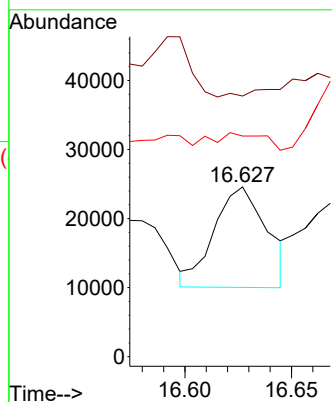
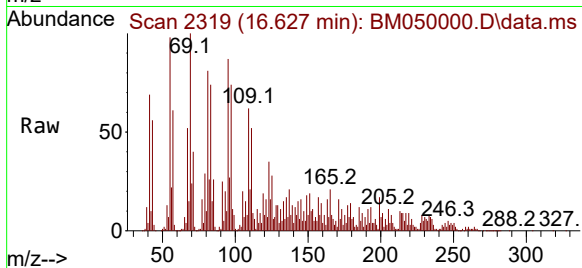
Tgt Ion:200 Resp: 24979

Ion Ratio Lower Upper

200 100

173 153.6 5.4 45.4#

215 130.0 29.0 69.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BM050000.D

Acq: 22 Apr 2025 17:47

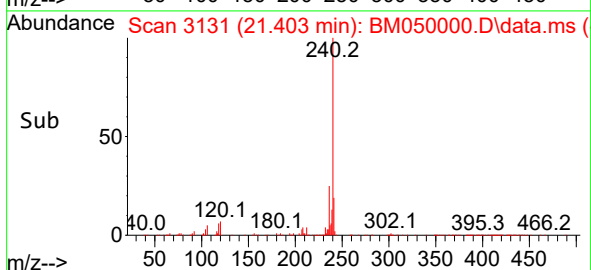
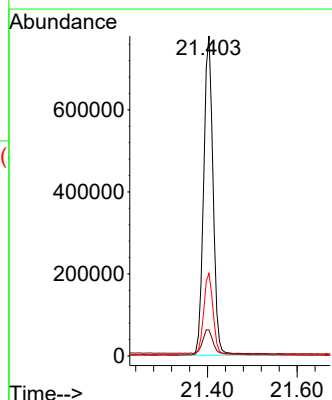
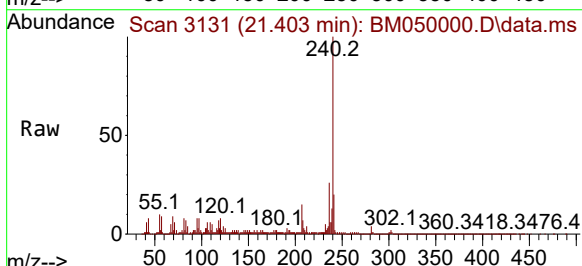
Tgt Ion:240 Resp: 1134663

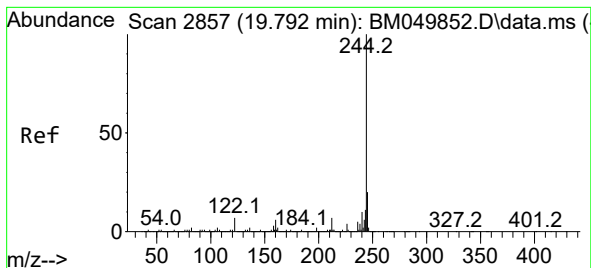
Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 7.413 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050000.D

Acq: 22 Apr 2025 17:47

Instrument :

BNA_M

ClientSampleId :

OILY-LIQUIDS

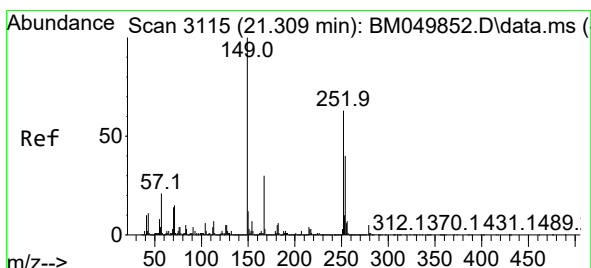
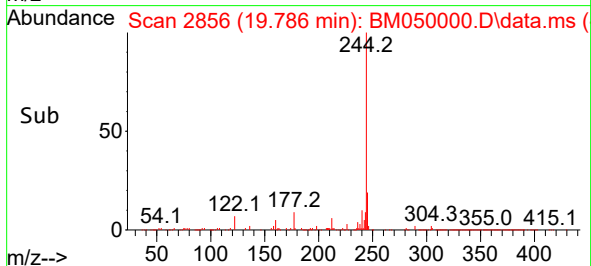
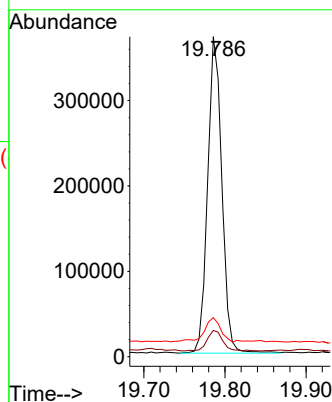
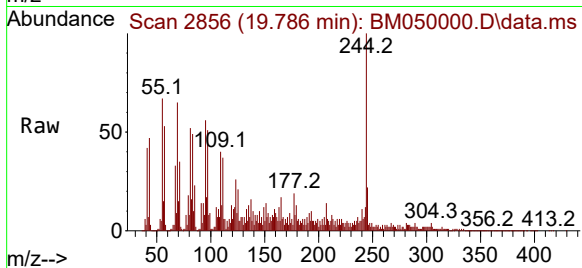
Tgt Ion:244 Resp: 448833

Ion Ratio Lower Upper

244 100

212 8.2 5.5 8.3

122 12.2 5.4 8.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.854 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BM050000.D

Acq: 22 Apr 2025 17:47

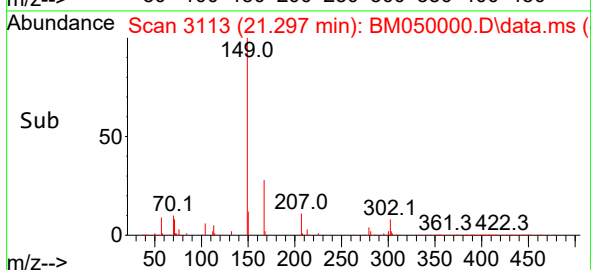
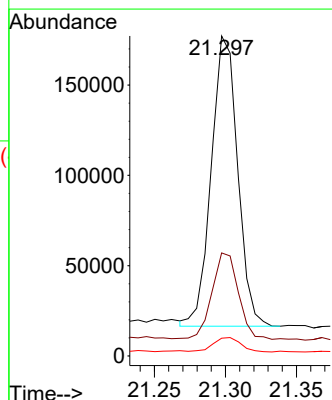
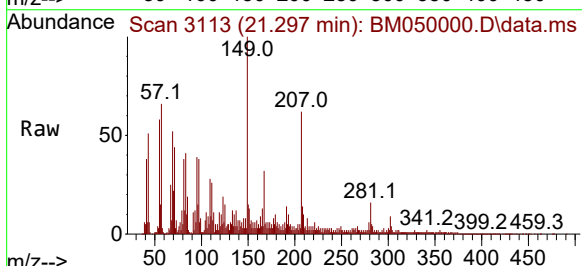
Tgt Ion:149 Resp: 207789

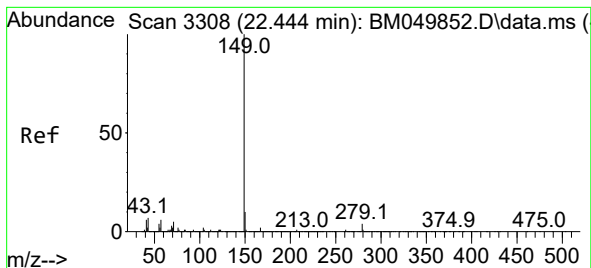
Ion Ratio Lower Upper

149 100

167 32.2 23.8 35.6

279 5.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 2.917 ng

RT: 22.438 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050000.D

Acq: 22 Apr 2025 17:47

Instrument :

BNA_M

ClientSampleId :

OILY-LIQUIDS

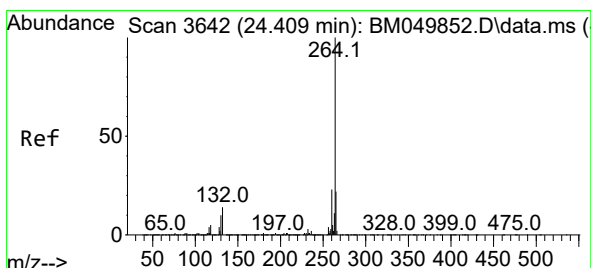
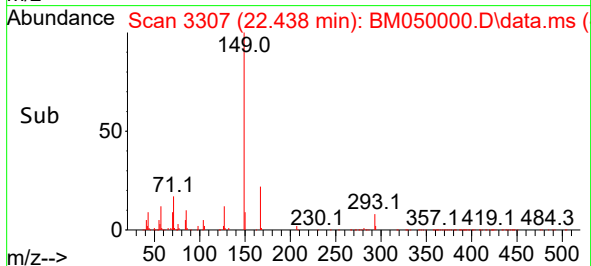
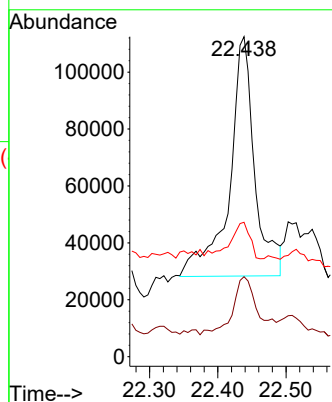
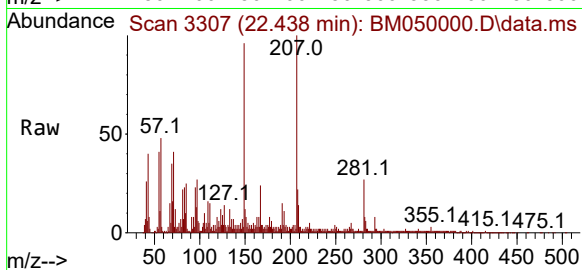
Tgt Ion:149 Resp: 218444

Ion Ratio Lower Upper

149 100

167 25.8 1.3 1.9#

43 10.5 5.8 8.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.403 min Scan# 3641

Delta R.T. -0.006 min

Lab File: BM050000.D

Acq: 22 Apr 2025 17:47

Tgt Ion:264 Resp: 1305406

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.1 17.8 26.8

