

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049505.D
 Acq On : 29 Jan 2025 15:39
 Operator : RC/JU
 Sample : Q1184-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2965

Quant Time: Jan 30 07:32:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

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

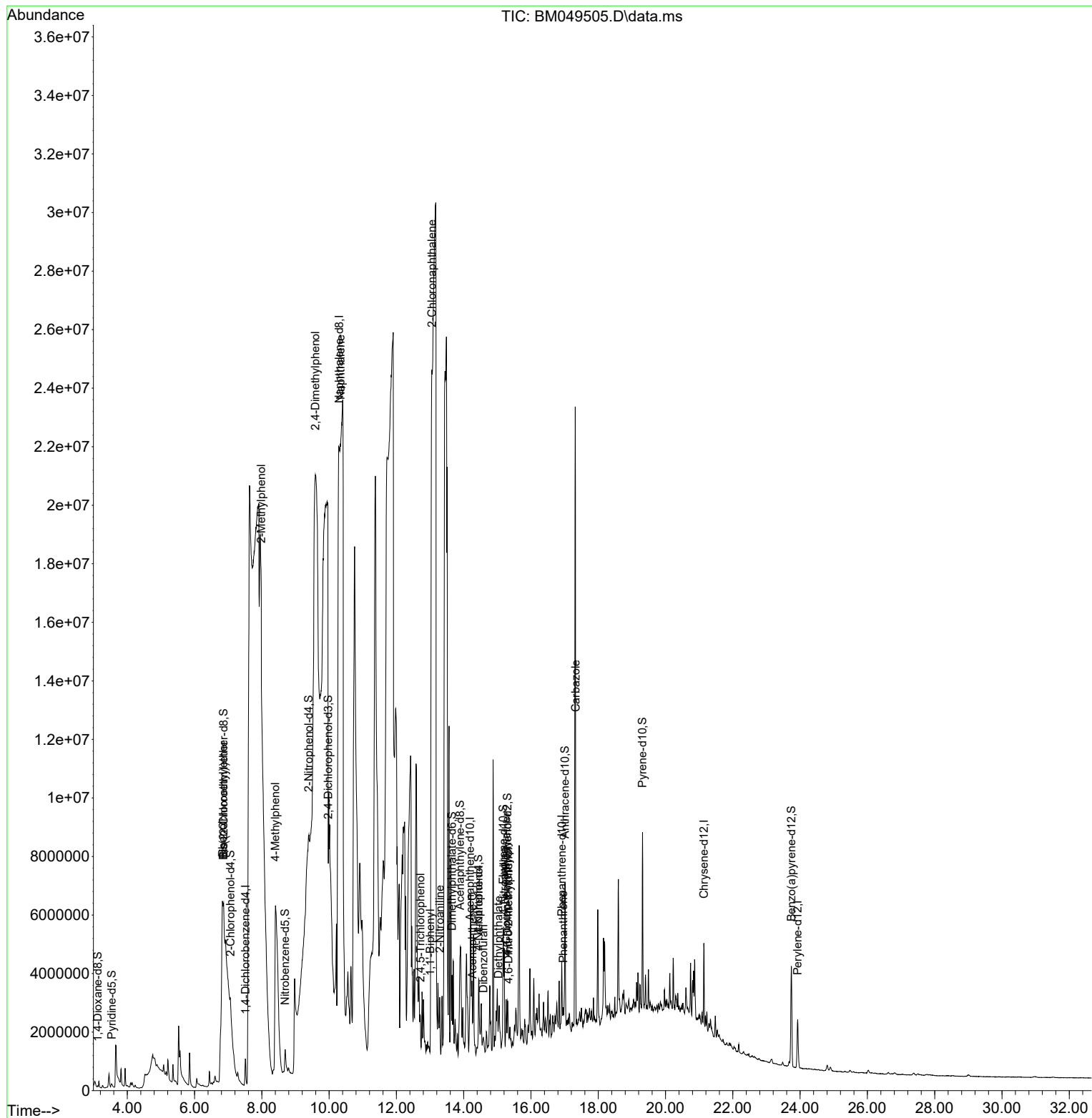
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	269649	20.000	ng/ul	0.00
20) Naphthalene-d8	10.298	136	14315522	20.000	ng/ul	# 0.03
38) Acenaphthene-d10	14.192	164	714432	20.000	ng/ul	0.04
64) Phenanthrene-d10	16.915	188	1371784	20.000	ng/ul	0.01
79) Chrysene-d12	21.139	240	1364155	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	1449123	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	32267	4.434	ng/uL	0.00
4) Pyridine-d5	3.534	84	132329	6.189	ng/ul	0.02
7) Phenol-d5	6.663	99	527	0.024	ng/ul	-0.05
9) Bis-(2-Chloroethyl)eth...	6.863	67	746530	49.893	ng/ul	0.00
11) 2-Chlorophenol-d4	7.069	132	599606	35.412	ng/ul	0.02
15) 4-Methylphenol-d8	8.239	113	295	0.018	ng/ul	0.01
21) Nitrobenzene-d5	8.692	128	316070	2.886	ng/ul	0.04
24) 2-Nitrophenol-d4	9.392	143	351557	2.943	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	9.975	165	549721	2.255	ng/ul	0.07
31) 4-Chloroaniline-d4	10.569	131	285597	0.913	ng/ul	0.15
46) Dimethylphthalate-d6	13.651	166	1520116	29.019	ng/ul	0.08
49) Acenaphthylene-d8	13.892	160	2269270	36.870	ng/ul	0.05
54) 4-Nitrophenol-d4	14.439	143	118497	13.790	ng/ul	0.06
60) Fluorene-d10	15.174	176	1750848	38.007	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.304	200	348940	40.366	ng/ul	0.02
73) Anthracene-d10	17.009	188	2741513	40.020	ng/ul	0.00
81) Pyrene-d10	19.315	212	3157407	39.593	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.738	264	3166499	40.969	ng/ul	0.01
Target Compounds						
					Qvalue	
8) Phenol	6.834	94	15523920	675.916	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.857	93	187593	10.016	ng/ul#	1
13) 2-Methylphenol	7.981	108	94363	5.863	ng/ul	92
18) 4-Methylphenol	8.404	108	6137584	353.324	ng/ul	93
26) 2,4-Dimethylphenol	9.592	107	24548045	100.569	ng/ul	94
30) Naphthalene	10.345	128	1566918	2.056	ng/ul	100
42) 2,4,5-Trichlorophenol	12.716	196	111850	6.852	ng/ul	94
43) 1,1'-Biphenyl	13.010	154	86987	1.605	ng/ul#	93
44) 2-Chloronaphthalene	13.051	162	128609	2.926	ng/ul#	1
45) 2-Nitroaniline	13.286	65	37605	3.406	ng/ul#	34
52) Acenaphthene	14.263	153	164389	3.641	ng/ul#	77
55) 4-Nitrophenol	14.445	109	6430	1.023	ng/ul#	50
56) Dibenzofuran	14.586	168	107281	1.667	ng/ul#	82
59) Diethylphthalate	15.033	149	243130	4.922	ng/ul#	72
62) 4-Chlorophenyl-phenyle...	15.263	204	52427	1.858	ng/ul#	89
63) 4-Nitroaniline	15.198	138	40250	4.689	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.327	198	32290	3.408	ng/ul#	1
72) Phenanthrene	16.957	178	127414	1.650	ng/ul#	84
77) Carbazole	17.327	167	659524	9.487	ng/ul#	86

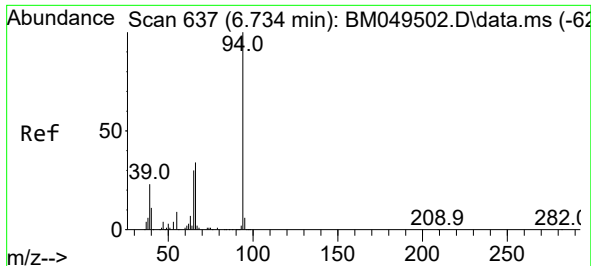
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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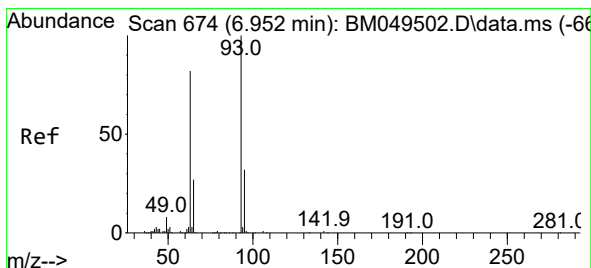
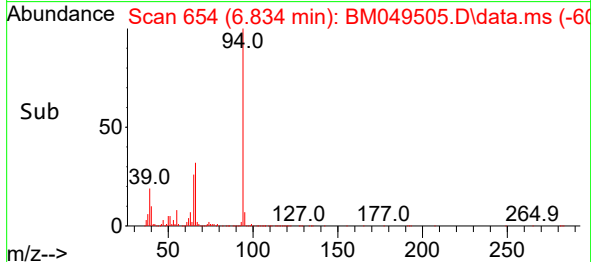
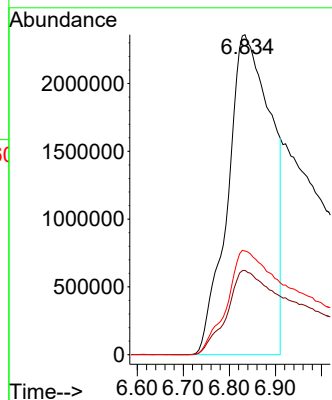
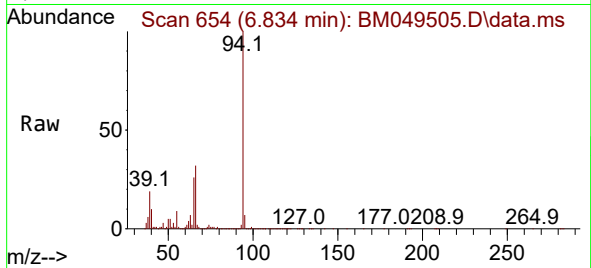




#8
Phenol
Concen: 675.916 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. 0.100 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

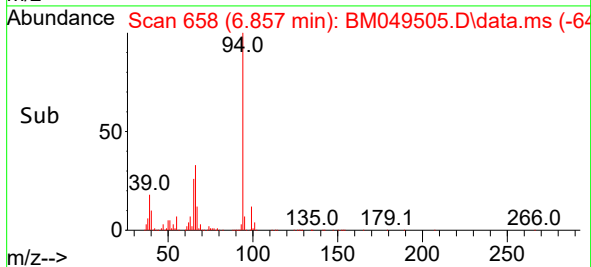
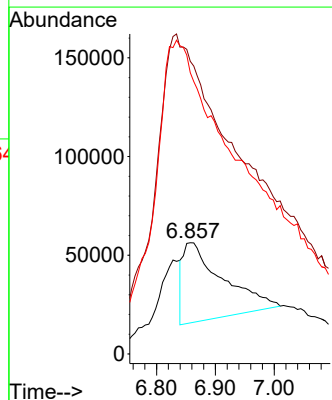
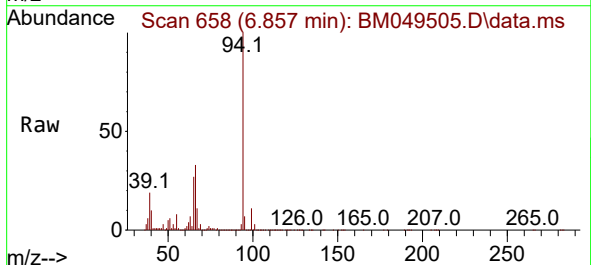
Instrument :
BNA_M
ClientSampleId :
E2965

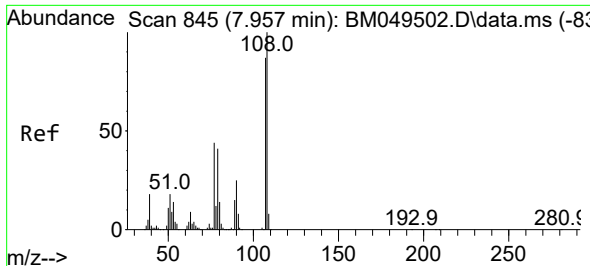
Tgt Ion: 94 Resp:15523920
Ion Ratio Lower Upper
94 100
65 26.4 23.4 35.0
66 32.4 27.8 41.8



#10
Bis(2-Chloroethyl)ether
Concen: 10.016 ng/ul
RT: 6.857 min Scan# 658
Delta R.T. -0.094 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

Tgt Ion: 93 Resp: 187593
Ion Ratio Lower Upper
93 100
63 263.2 66.3 99.5#
95 253.1 25.0 37.6#

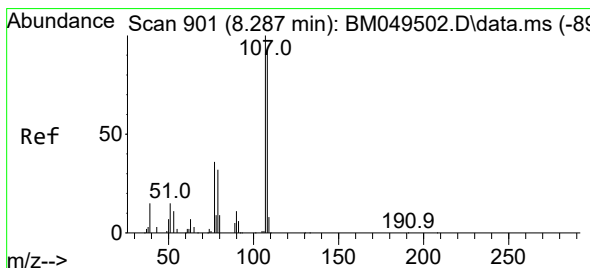
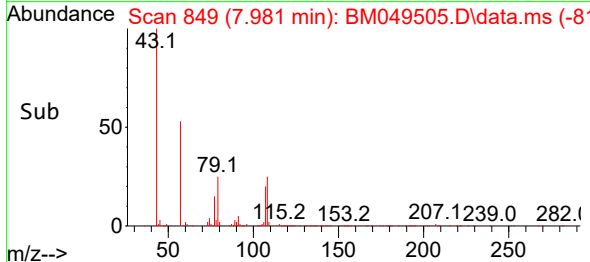
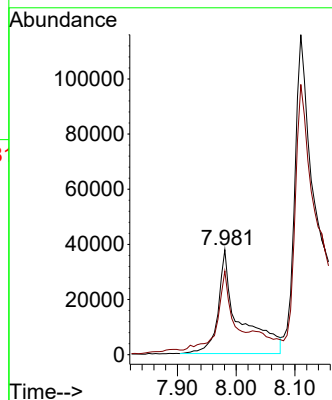
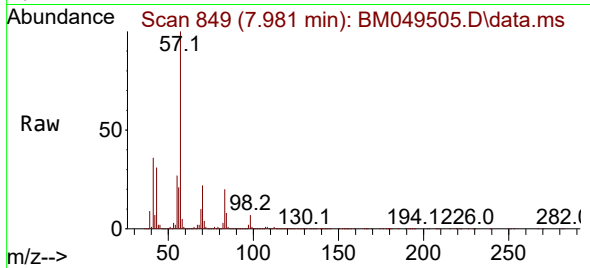




#13
2-Methylphenol
Concen: 5.863 ng/ul
RT: 7.981 min Scan# 845
Delta R.T. 0.017 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

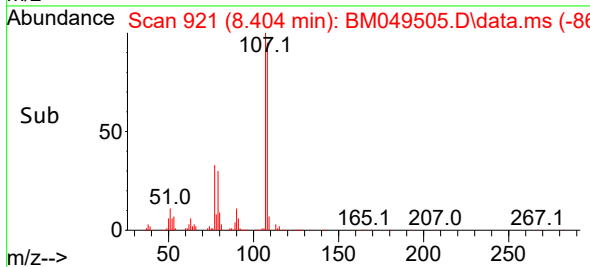
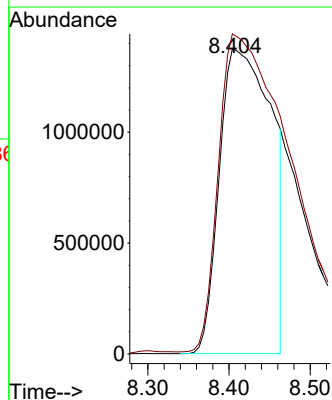
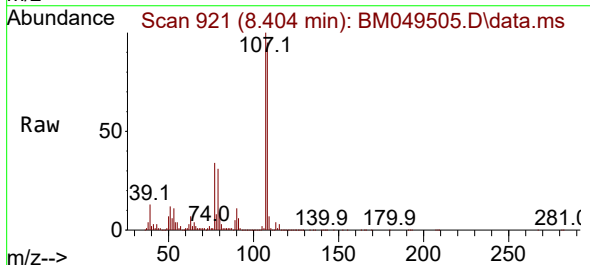
Instrument :
BNA_M
ClientSampleId :
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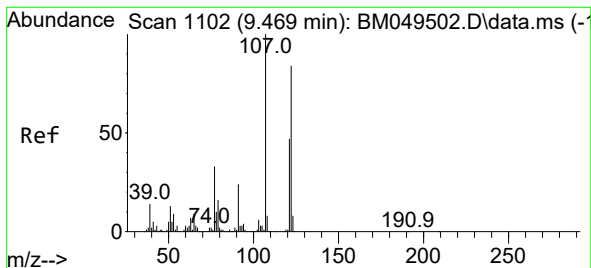
Tgt Ion:108 Resp: 94363
Ion Ratio Lower Upper
108 100
107 79.8 69.7 104.5



#18
4-Methylphenol
Concen: 353.324 ng/ul
RT: 8.404 min Scan# 921
Delta R.T. 0.117 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

Tgt Ion:108 Resp: 6137584
Ion Ratio Lower Upper
108 100
107 104.9 90.0 135.0

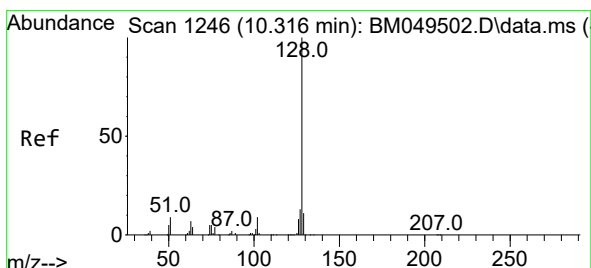
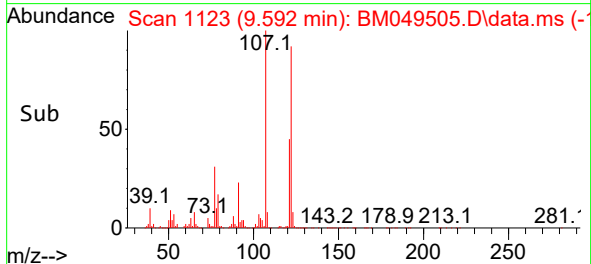
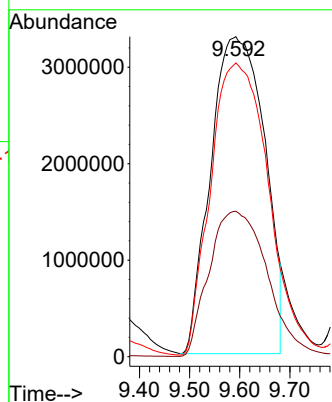
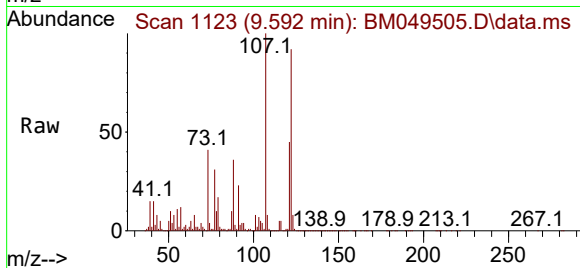




#26
2,4-Dimethylphenol
Concen: 100.569 ng/ul
RT: 9.592 min Scan# 1102
Delta R.T. 0.117 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

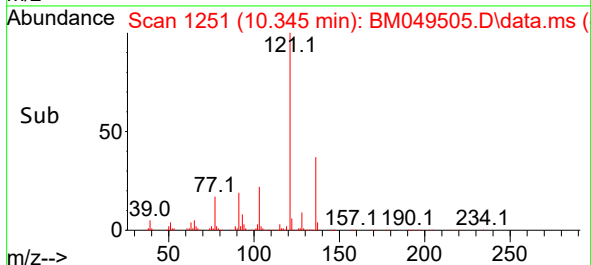
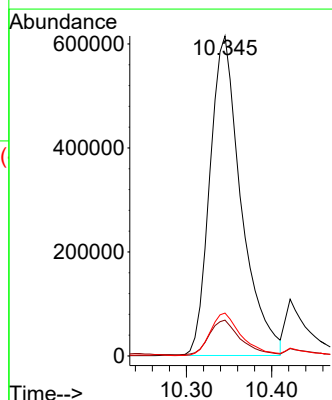
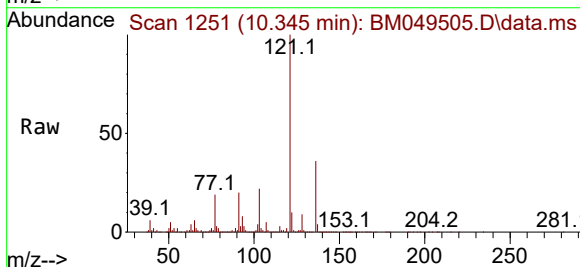
Instrument :
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ClientSampleId :
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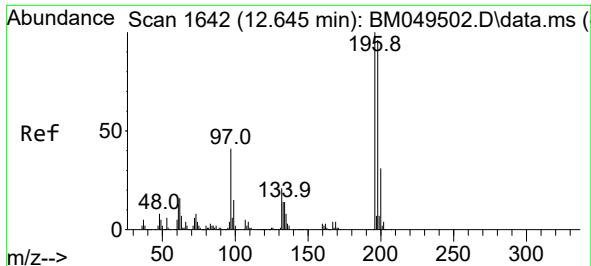
Tgt Ion:107 Resp:24548045
Ion Ratio Lower Upper
107 100
121 45.5 39.6 59.4
122 91.8 68.7 103.1



#30
Naphthalene
Concen: 2.056 ng/ul
RT: 10.345 min Scan# 1251
Delta R.T. 0.023 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

Tgt Ion:128 Resp: 1566918
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.6 15.8

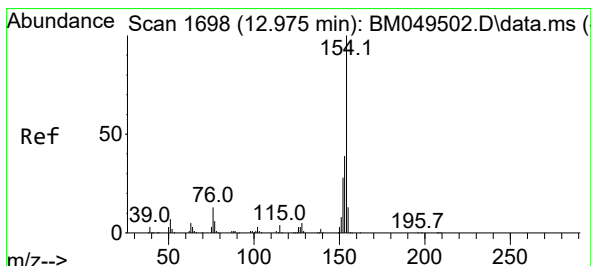
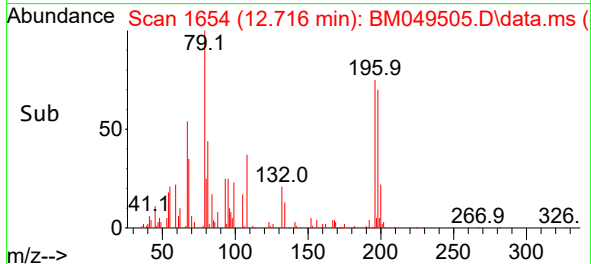
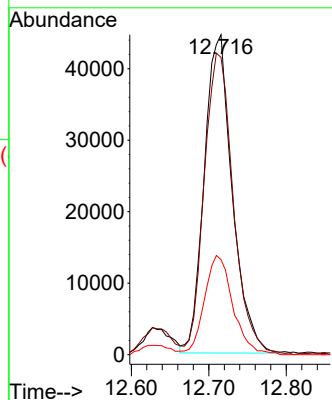
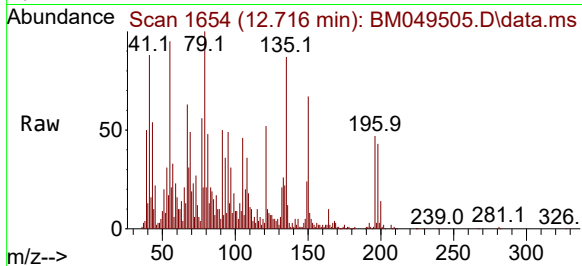




#42
2,4,5-Trichlorophenol
Concen: 6.852 ng/ul
RT: 12.716 min Scan# 1
Delta R.T. 0.070 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

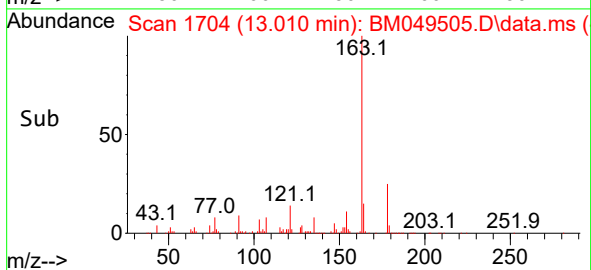
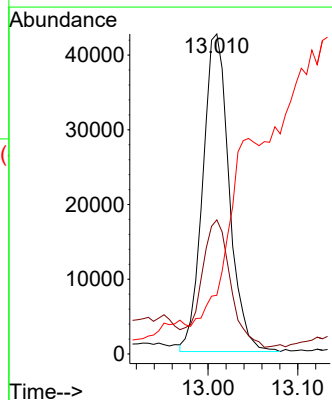
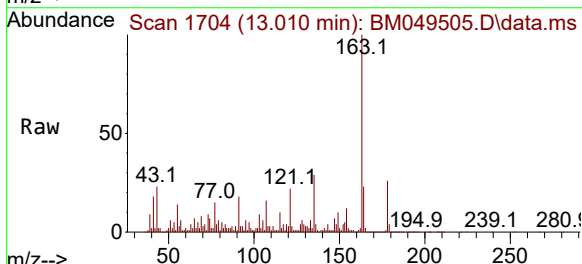
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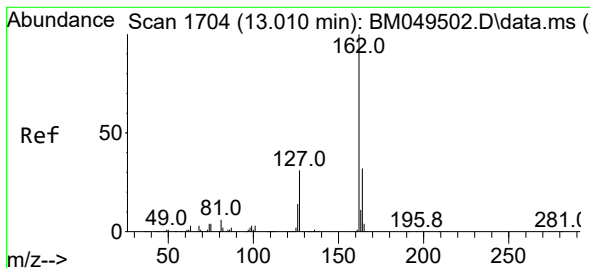
Tgt Ion:196 Resp: 111850
Ion Ratio Lower Upper
196 100
198 92.9 79.4 119.0
200 29.7 25.1 37.7



#43
1,1'-Biphenyl
Concen: 1.605 ng/ul
RT: 13.010 min Scan# 1704
Delta R.T. 0.029 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

Tgt Ion:154 Resp: 86987
Ion Ratio Lower Upper
154 100
153 41.9 31.7 47.5
76 18.4 9.8 14.8#





#44

2-Chloronaphthalene

Concen: 2.926 ng/ul

RT: 13.051 min Scan# 1

Delta R.T. 0.035 min

Lab File: BM049505.D

Acq: 29 Jan 2025 15:39

Instrument :

BNA_M

ClientSampleId :

E2965

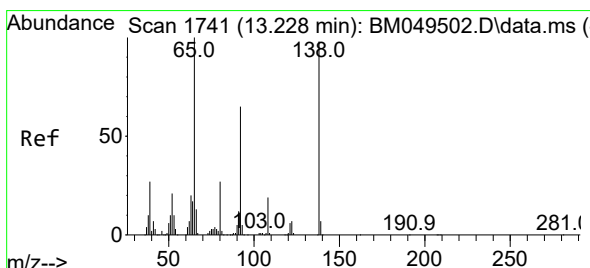
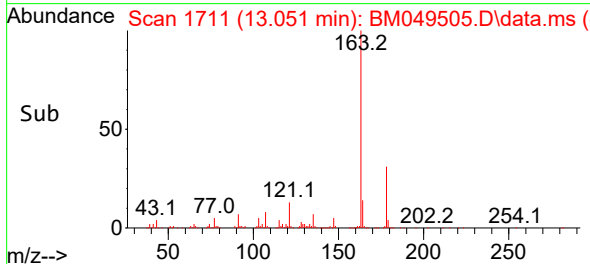
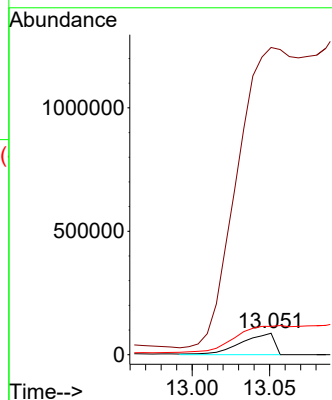
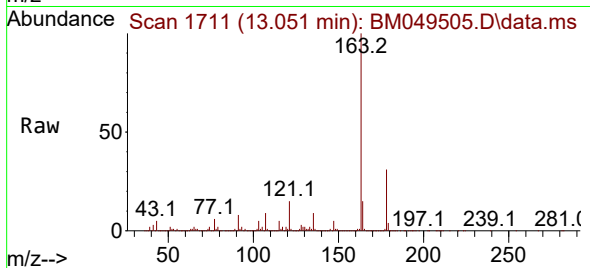
Tgt Ion:162 Resp: 128609

Ion Ratio Lower Upper

162 100

164 1434.2 26.5 39.7#

127 132.2 26.8 40.2#



#45

2-Nitroaniline

Concen: 3.406 ng/ul

RT: 13.286 min Scan# 1751

Delta R.T. 0.053 min

Lab File: BM049505.D

Acq: 29 Jan 2025 15:39

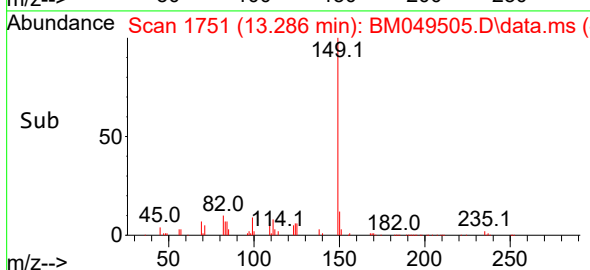
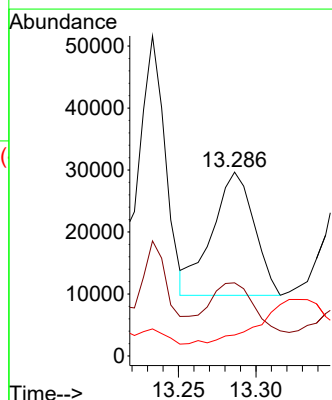
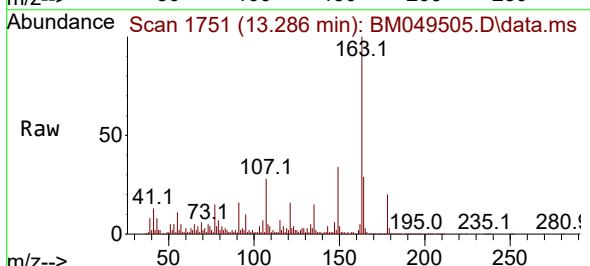
Tgt Ion: 65 Resp: 37605

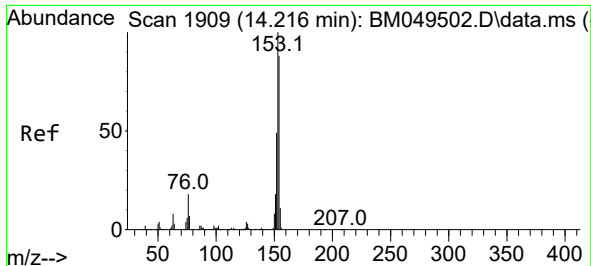
Ion Ratio Lower Upper

65 100

92 39.8 52.6 79.0#

138 11.4 79.6 119.4#

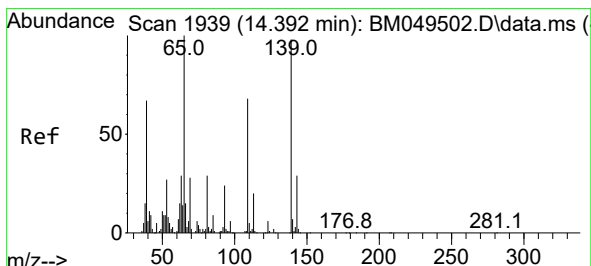
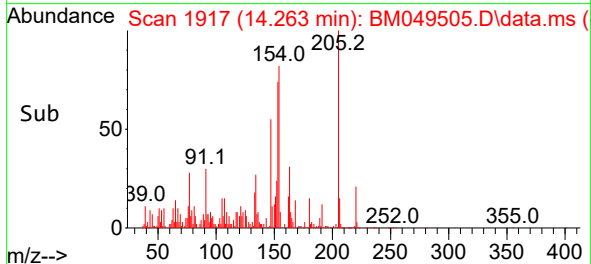
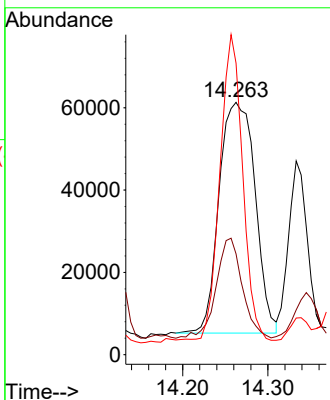
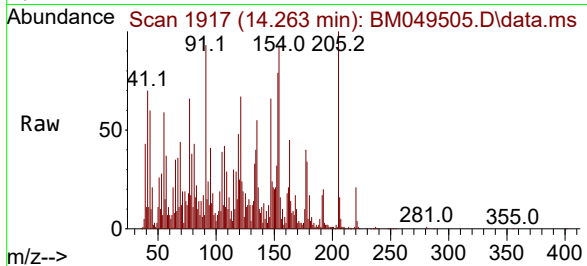




#52
Acenaphthene
Concen: 3.641 ng/ul
RT: 14.263 min Scan# 1917
Delta R.T. 0.047 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

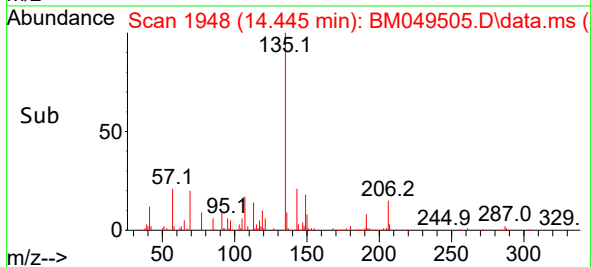
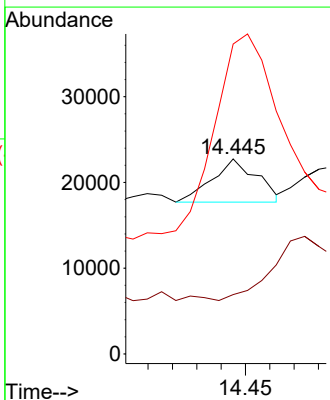
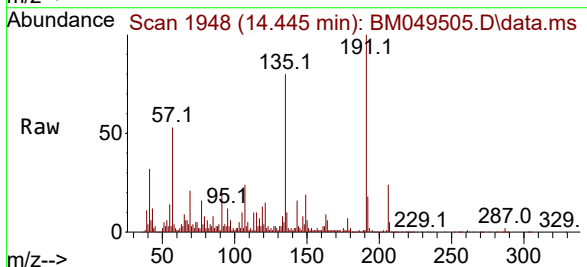
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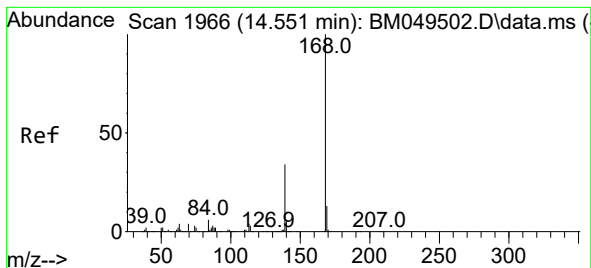
Tgt Ion:153 Resp: 164389
Ion Ratio Lower Upper
153 100
152 39.9 39.0 58.4
154 115.5 71.5 107.3#



#55
4-Nitrophenol
Concen: 1.023 ng/ul
RT: 14.445 min Scan# 1948
Delta R.T. 0.053 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

Tgt Ion:109 Resp: 6430
Ion Ratio Lower Upper
109 100
139 30.4 115.4 173.2#
65 158.9 118.6 178.0





#56

Dibenzofuran

Concen: 1.667 ng/ul

RT: 14.586 min Scan# 1966

Delta R.T. 0.029 min

Lab File: BM049505.D

Acq: 29 Jan 2025 15:39

Instrument :

BNA_M

ClientSampleId :

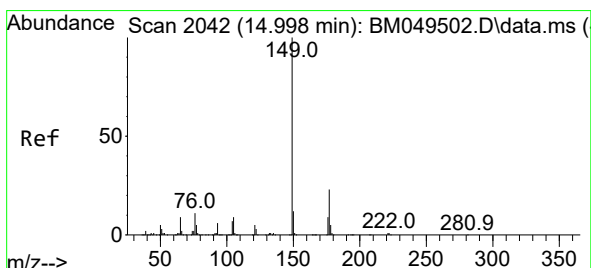
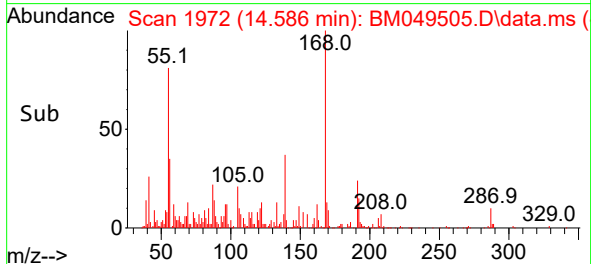
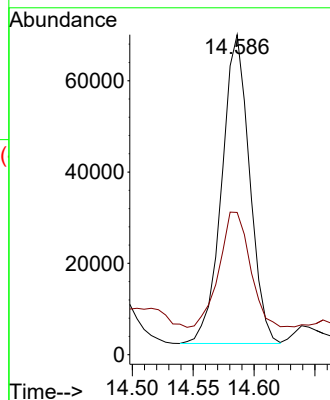
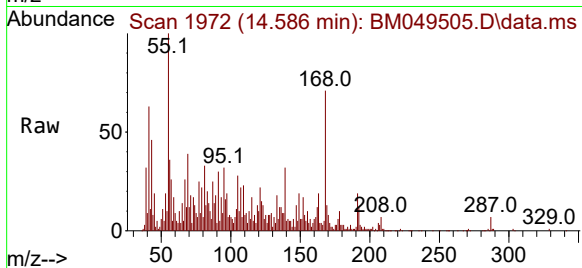
E2965

Tgt Ion:168 Resp: 107281

Ion Ratio Lower Upper

168 100

139 44.5 27.4 41.0#



#59

Diethylphthalate

Concen: 4.922 ng/ul

RT: 15.033 min Scan# 2048

Delta R.T. 0.035 min

Lab File: BM049505.D

Acq: 29 Jan 2025 15:39

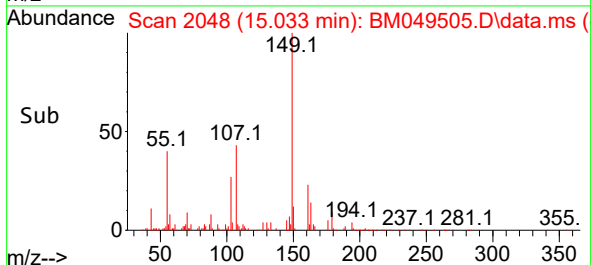
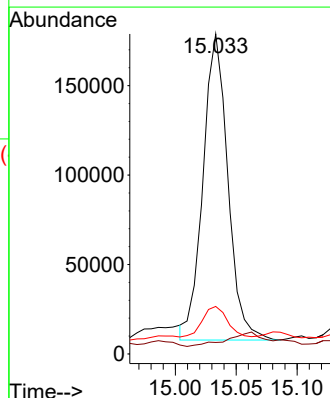
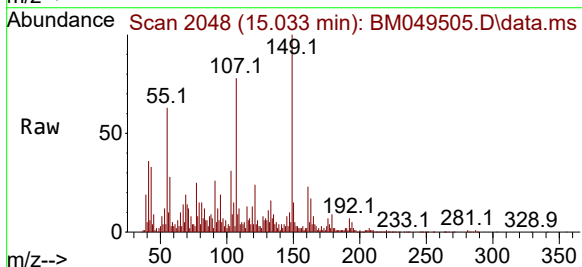
Tgt Ion:149 Resp: 243130

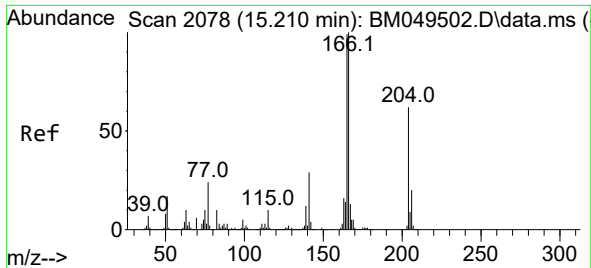
Ion Ratio Lower Upper

149 100

177 3.6 18.3 27.5#

150 14.9 9.9 14.9

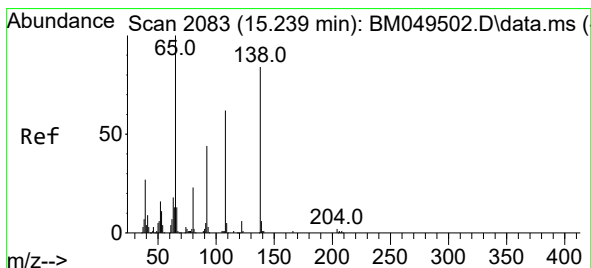
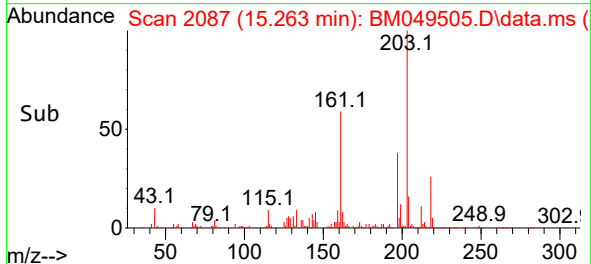
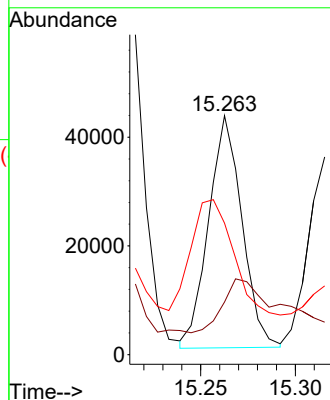
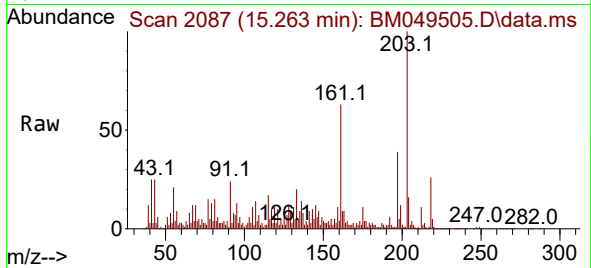




#62
4-Chlorophenyl-phenylether
Concen: 1.858 ng/ul
RT: 15.263 min Scan# 2078
Delta R.T. 0.053 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

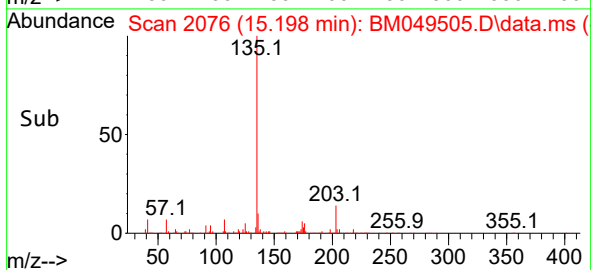
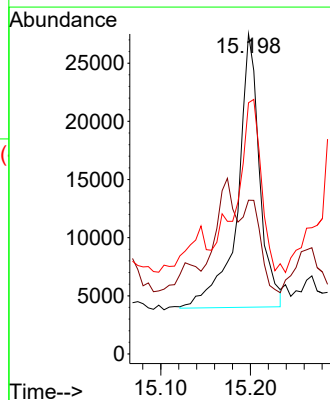
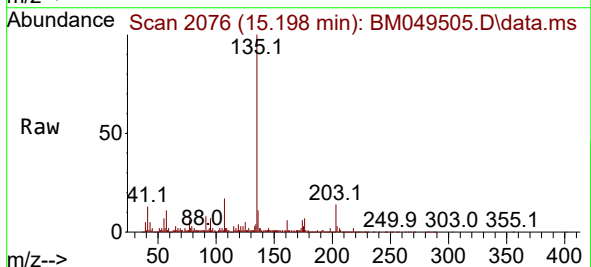
Instrument :
BNA_M
ClientSampleId :
E2965

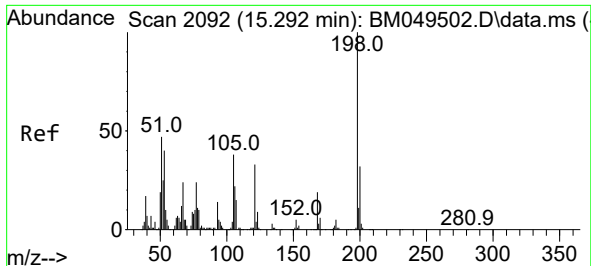
Tgt Ion:204 Resp: 52427
Ion Ratio Lower Upper
204 100
206 22.0 27.0 40.6#
141 55.0 41.2 61.8



#63
4-Nitroaniline
Concen: 4.689 ng/ul
RT: 15.198 min Scan# 2076
Delta R.T. -0.041 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

Tgt Ion:138 Resp: 40250
Ion Ratio Lower Upper
138 100
92 48.1 42.7 64.1
108 78.5 63.9 95.9

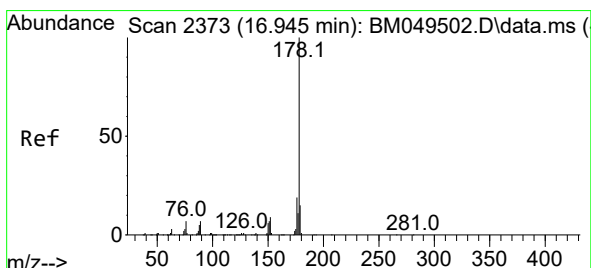
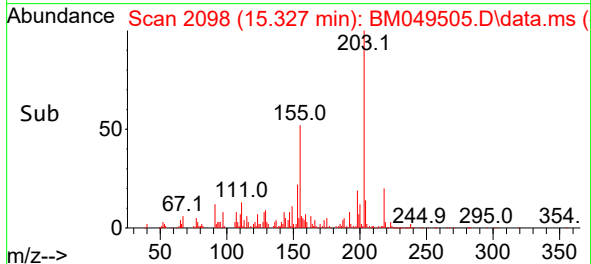
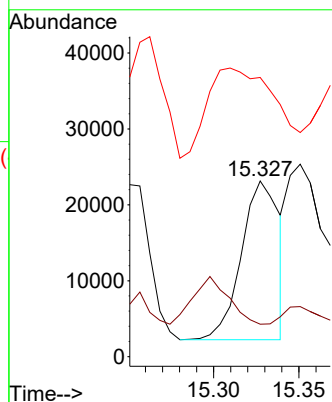
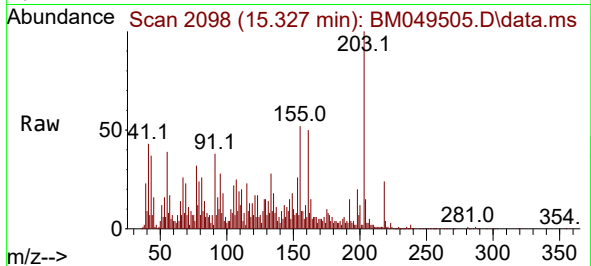




#66
4,6-Dinitro-2-methylphenol
Concen: 3.408 ng/ul
RT: 15.327 min Scan# 2092
Delta R.T. 0.029 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

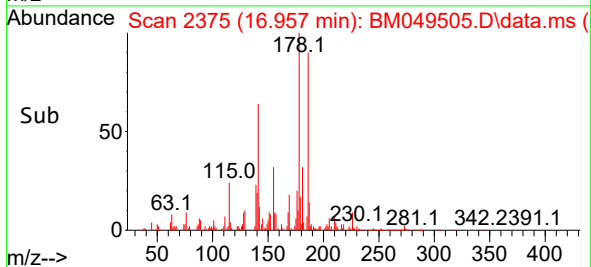
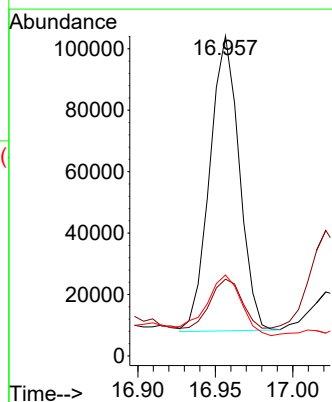
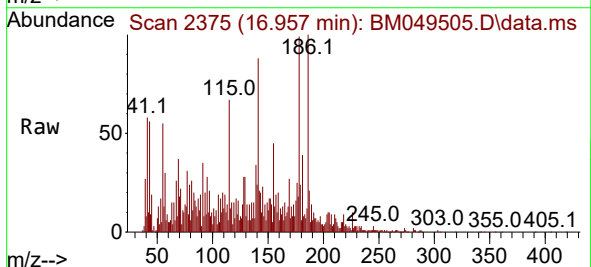
Instrument :
BNA_M
ClientSampleId :
E2965

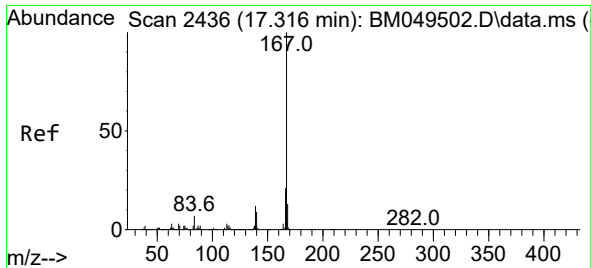
Tgt Ion:198 Resp: 32290
Ion Ratio Lower Upper
198 100
182 18.5 4.2 6.4#
77 158.9 17.7 26.5#



#72
Phenanthrene
Concen: 1.650 ng/ul
RT: 16.957 min Scan# 2375
Delta R.T. 0.012 min
Lab File: BM049505.D
Acq: 29 Jan 2025 15:39

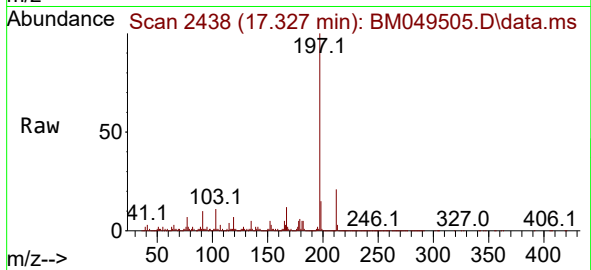
Tgt Ion:178 Resp: 127414
Ion Ratio Lower Upper
178 100
179 24.0 12.4 18.6#
176 25.3 15.6 23.4#





#77
 Carbazole
 Concen: 9.487 ng/ul
 RT: 17.327 min Scan# 2438
 Delta R.T. 0.012 min
 Lab File: BM049505.D
 Acq: 29 Jan 2025 15:39

Instrument :
 BNA_M
 ClientSampleId :
 E2965



Tgt Ion:167 Resp: 659524
 Ion Ratio Lower Upper
 167 100
 166 27.2 17.2 25.8#
 139 18.1 9.3 13.9#

