

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049506.D
 Acq On : 29 Jan 2025 16:18
 Operator : RC/JU
 Sample : Q1184-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2963

Quant Time: Jan 30 07:33:01 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)

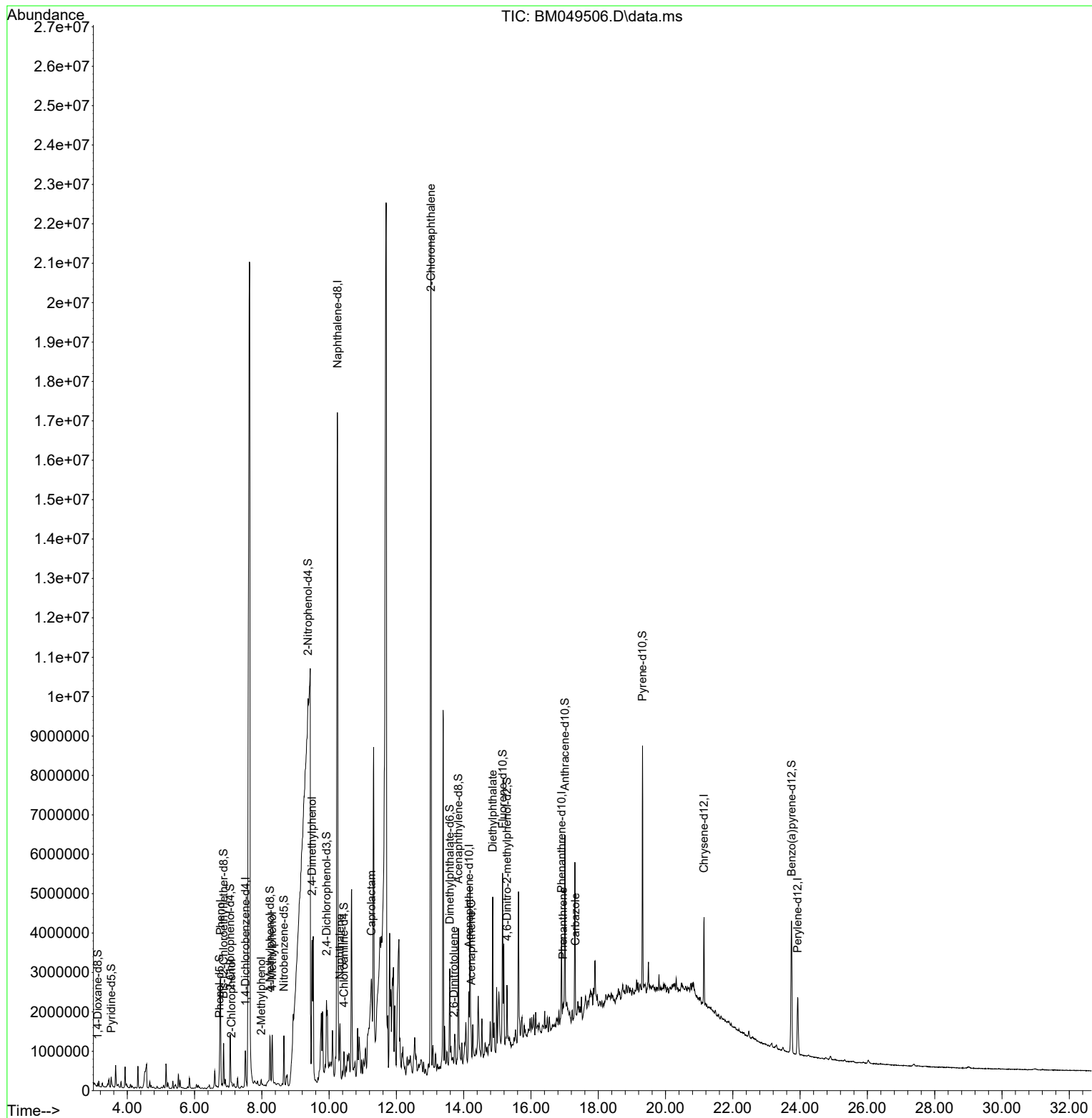
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	220021	20.000	ng/ul	0.00
20) Naphthalene-d8	10.245	136	4899658	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.157	164	584421	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1174887	20.000	ng/ul	0.00
79) Chrysene-d12	21.144	240	1150174	20.000	ng/ul	0.01
88) Perylene-d12	23.927	264	1186025	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	30484	5.133	ng/uL	0.00
4) Pyridine-d5	3.522	84	181242	10.388	ng/ul	0.01
7) Phenol-d5	6.739	99	287234	16.088	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	6.863	67	484052	39.648	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	610147	44.162	ng/ul	0.01
15) 4-Methylphenol-d8	8.245	113	456678	34.911	ng/ul	0.02
21) Nitrobenzene-d5	8.657	128	298477	7.963	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	303790	7.430	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	666590	7.989	ng/ul	0.02
31) 4-Chloroaniline-d4	10.439	131	330369	3.087	ng/ul	0.02
46) Dimethylphthalate-d6	13.586	166	1633546	38.122	ng/ul	0.01
49) Acenaphthylene-d8	13.845	160	2228901	44.271	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	1363	0.194	ng/ul	0.02
60) Fluorene-d10	15.157	176	1729330	45.892	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	359344	48.536	ng/ul	0.00
73) Anthracene-d10	17.009	188	2762257	47.081	ng/ul	0.00
81) Pyrene-d10	19.315	212	3180237	47.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	3131462	49.504	ng/ul	0.02
Target Compounds					Qvalue	
8) Phenol	6.769	94	1854187	98.942	ng/ul	95
12) 2-Chlorophenol	7.092	128	17279	1.211	ng/ul	98
13) 2-Methylphenol	7.981	108	56074	4.270	ng/ul	97
18) 4-Methylphenol	8.310	108	499831	35.264	ng/ul	90
26) 2,4-Dimethylphenol	9.492	107	1208801	14.469	ng/ul	97
30) Naphthalene	10.322	128	670743	2.571	ng/ul	100
34) Caprolactam	11.251	113	261889	11.319	ng/ul#	10
44) 2-Chloronaphthalene	13.027	162	93773	2.608	ng/ul#	1
48) 2,6-Dinitrotoluene	13.710	165	9472	1.237	ng/ul#	54
52) Acenaphthene	14.221	153	38102	1.032	ng/ul	96
59) Diethylphthalate	14.862	149	293184	7.255	ng/ul	96
72) Phenanthrene	16.951	178	69487	1.051	ng/ul#	56
77) Carbazole	17.321	167	197915	3.324	ng/ul#	88

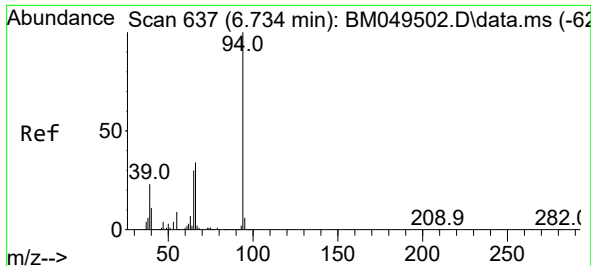
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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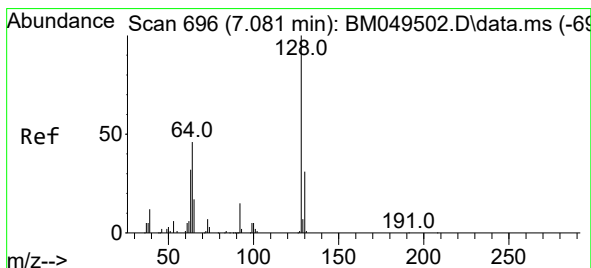
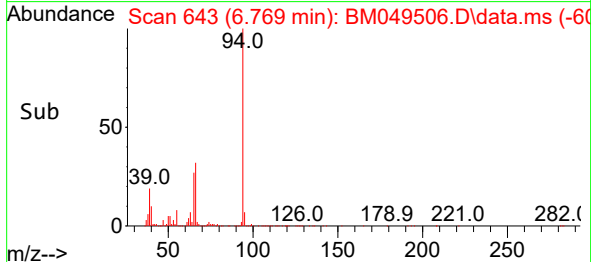
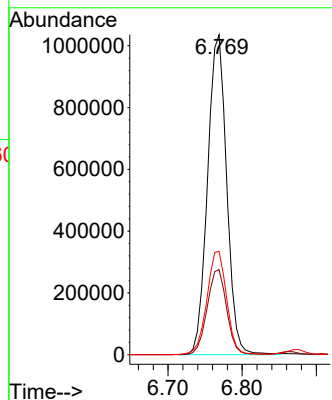
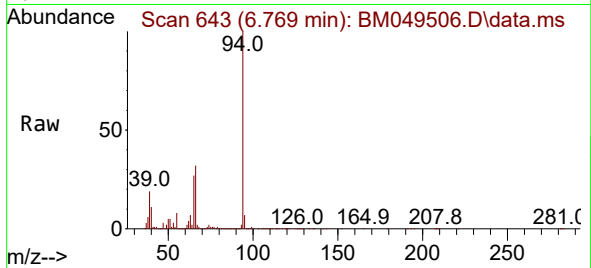




#8
Phenol
Concen: 98.942 ng/ul
RT: 6.769 min Scan# 643
Delta R.T. 0.035 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

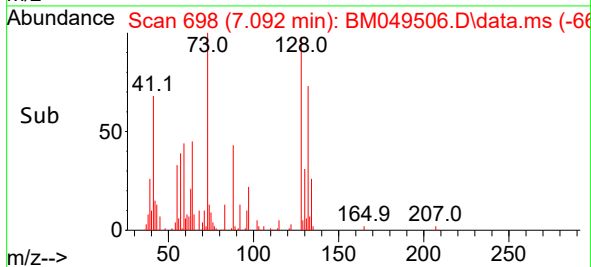
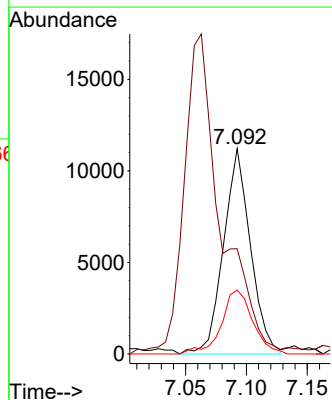
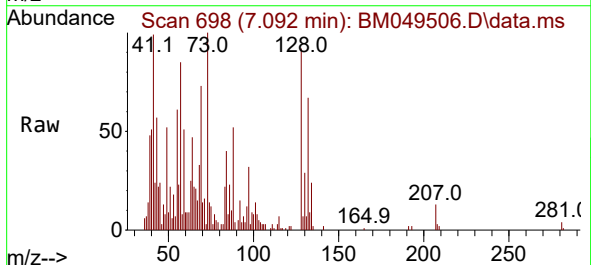
Instrument :
BNA_M
ClientSampleId :
E2963

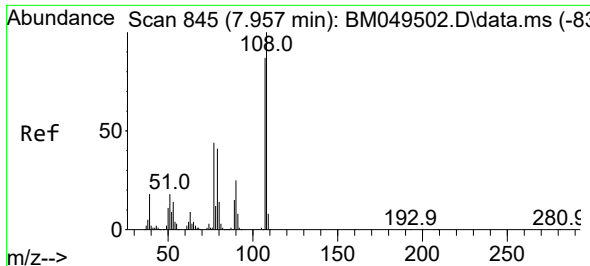
Tgt Ion: 94 Resp: 1854187
Ion Ratio Lower Upper
94 100
65 26.6 23.4 35.0
66 32.3 27.8 41.8



#12
2-Chlorophenol
Concen: 1.211 ng/ul
RT: 7.092 min Scan# 698
Delta R.T. 0.006 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

Tgt Ion:128 Resp: 17279
Ion Ratio Lower Upper
128 100
64 51.3 40.3 60.5
130 31.1 26.2 39.4

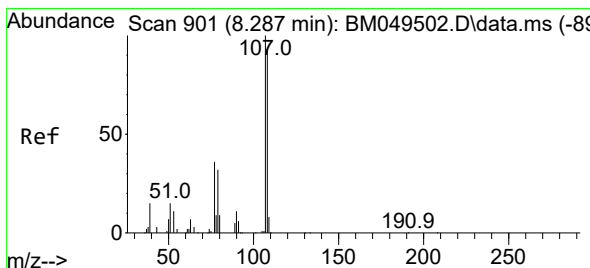
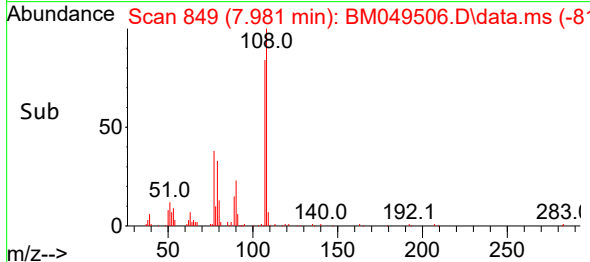
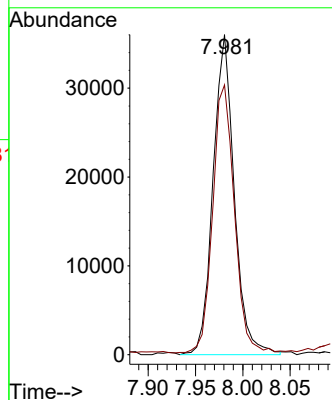
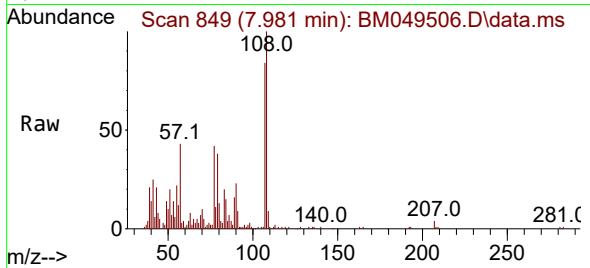




#13
2-Methylphenol
Concen: 4.270 ng/ul
RT: 7.981 min Scan# 849
Delta R.T. 0.017 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

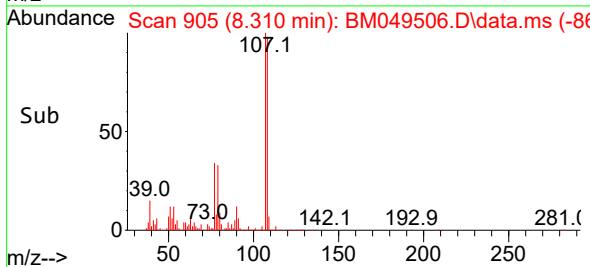
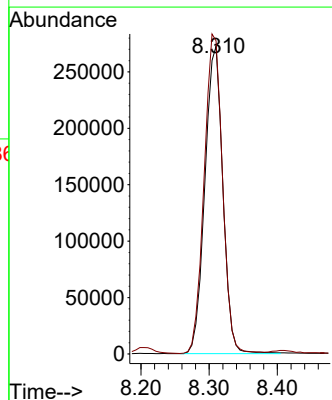
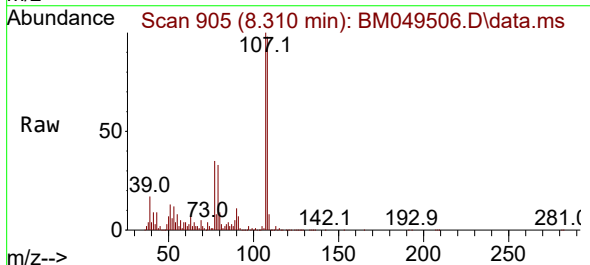
Instrument :
BNA_M
ClientSampleId :
E2963

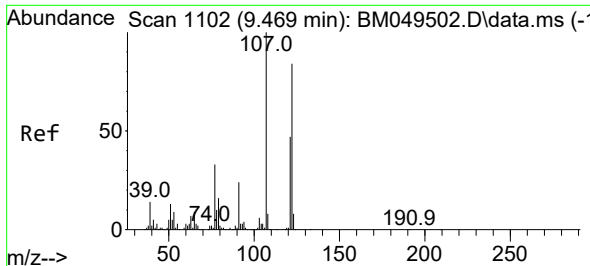
Tgt Ion:108 Resp: 56074
Ion Ratio Lower Upper
108 100
107 84.3 69.7 104.5



#18
4-Methylphenol
Concen: 35.264 ng/ul
RT: 8.310 min Scan# 905
Delta R.T. 0.023 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

Tgt Ion:108 Resp: 499831
Ion Ratio Lower Upper
108 100
107 101.8 90.0 135.0

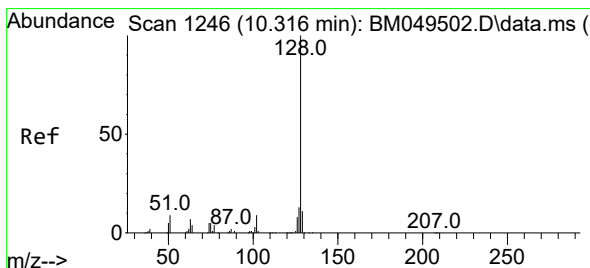
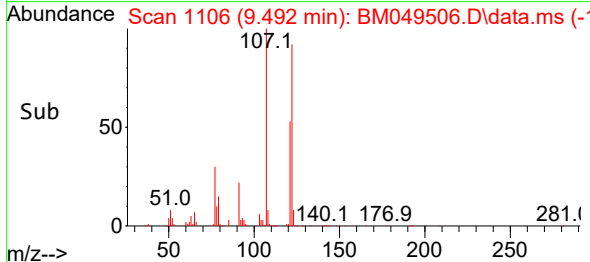
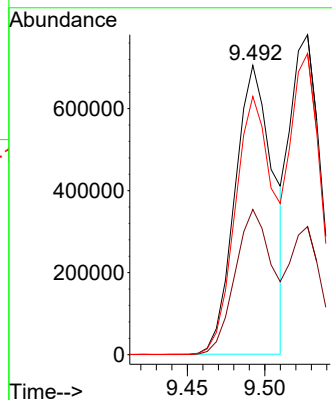
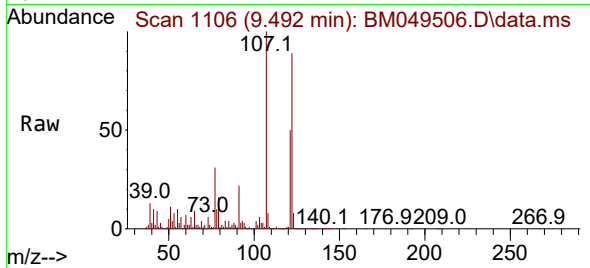




#26
2,4-Dimethylphenol
Concen: 14.469 ng/ul
RT: 9.492 min Scan# 1106
Delta R.T. 0.017 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

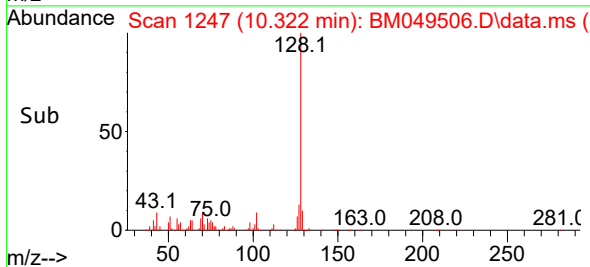
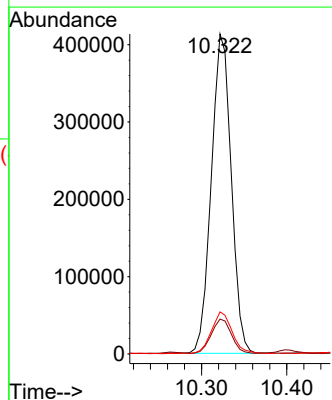
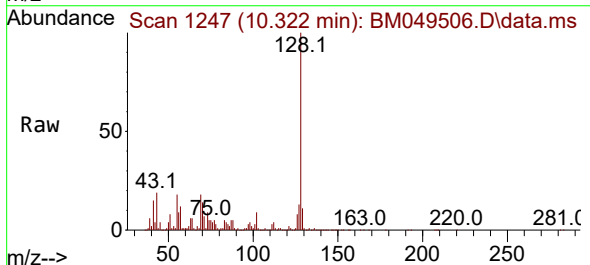
Instrument :
BNA_M
ClientSampleId :
E2963

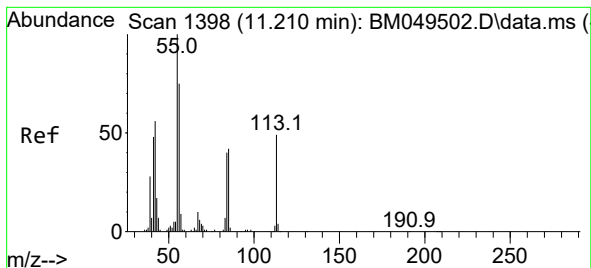
Tgt Ion:107 Resp: 1208801
Ion Ratio Lower Upper
107 100
121 50.2 39.6 59.4
122 89.3 68.7 103.1



#30
Naphthalene
Concen: 2.571 ng/ul
RT: 10.322 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

Tgt Ion:128 Resp: 670743
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.6 15.8

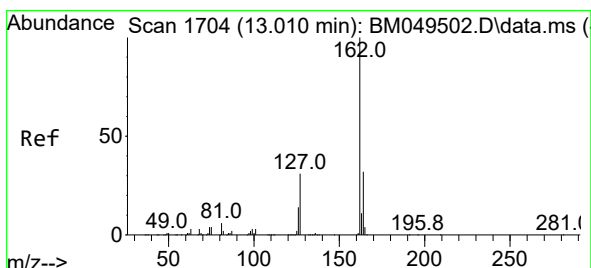
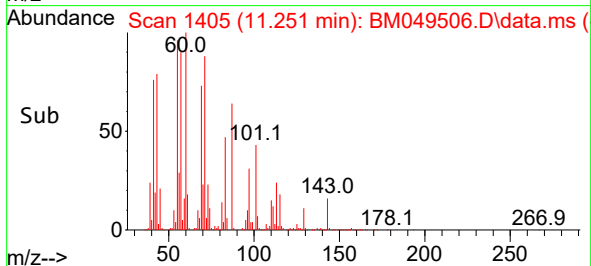
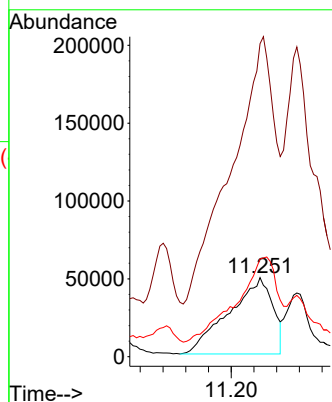
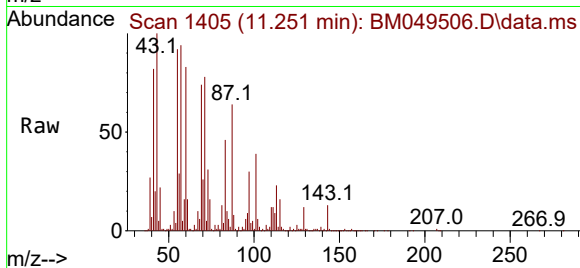




#34
Caprolactam
Concen: 11.319 ng/ul
RT: 11.251 min Scan# 1405
Delta R.T. 0.035 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

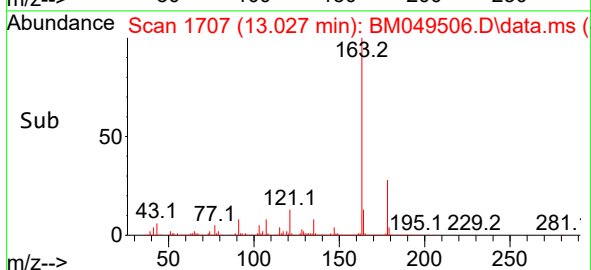
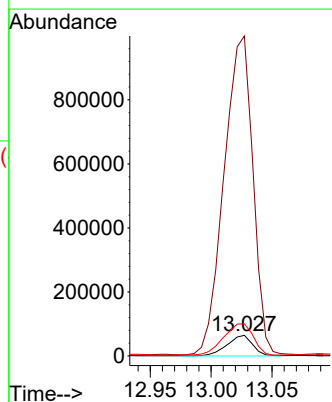
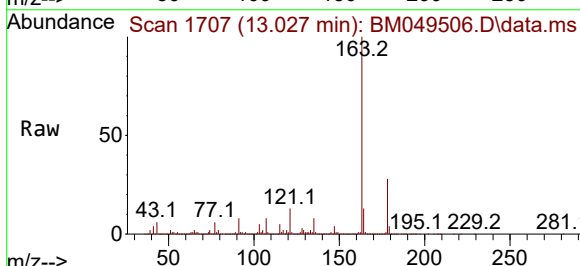
Instrument :
BNA_M
ClientSampleId :
E2963

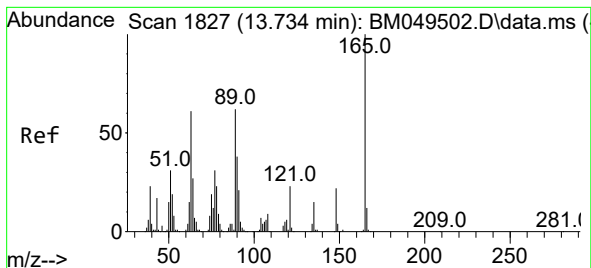
Tgt Ion:113 Resp: 261889
Ion Ratio Lower Upper
113 100
55 395.7 146.0 219.0#
56 123.6 107.8 161.8



#44
2-Chloronaphthalene
Concen: 2.608 ng/ul
RT: 13.027 min Scan# 1707
Delta R.T. 0.011 min
Lab File: BM049506.D
Acq: 29 Jan 2025 16:18

Tgt Ion:162 Resp: 93773
Ion Ratio Lower Upper
162 100
164 1550.5 26.5 39.7#
127 155.7 26.8 40.2#





#48

2,6-Dinitrotoluene

Concen: 1.237 ng/ul

RT: 13.710 min Scan# 1823

Delta R.T. -0.030 min

Lab File: BM049506.D

Acq: 29 Jan 2025 16:18

Instrument :

BNA_M

ClientSampleId :

E2963

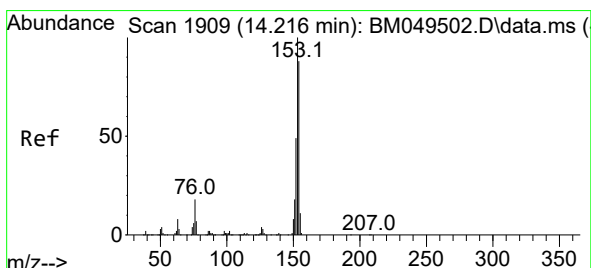
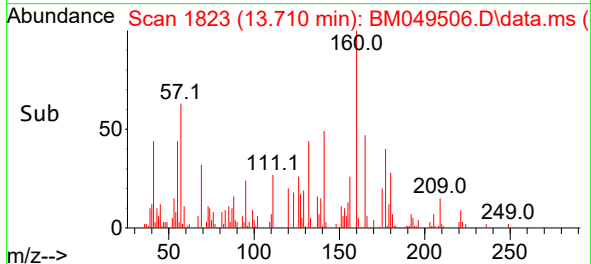
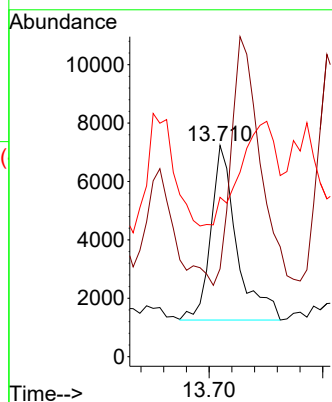
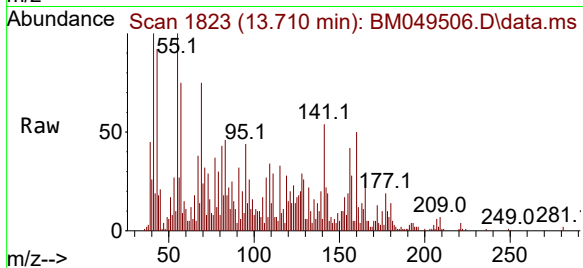
Tgt Ion:165 Resp: 9472

Ion Ratio Lower Upper

165 100

89 41.6 44.5 66.7#

121 75.5 16.3 24.5#



#52

Acenaphthene

Concen: 1.032 ng/ul

RT: 14.221 min Scan# 1910

Delta R.T. 0.006 min

Lab File: BM049506.D

Acq: 29 Jan 2025 16:18

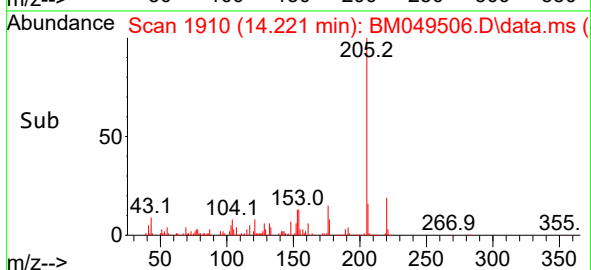
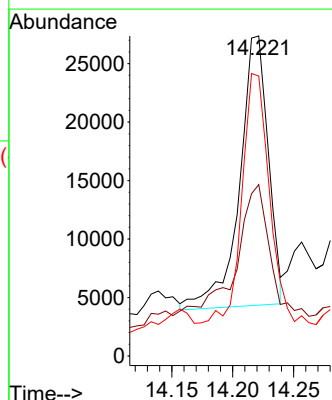
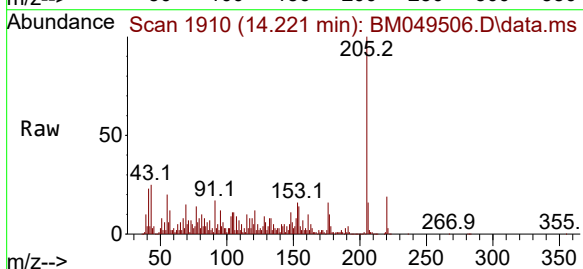
Tgt Ion:153 Resp: 38102

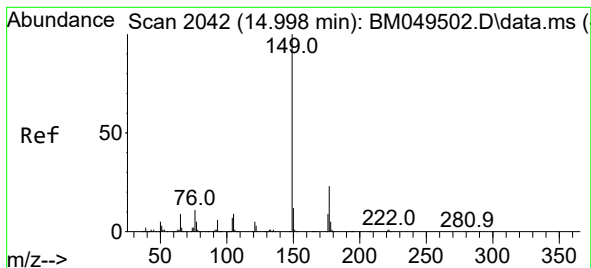
Ion Ratio Lower Upper

153 100

152 53.6 39.0 58.4

154 87.5 71.5 107.3





#59

Diethylphthalate

Concen: 7.255 ng/ul

RT: 14.862 min Scan# 2042

Delta R.T. -0.136 min

Lab File: BM049506.D

Acq: 29 Jan 2025 16:18

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ClientSampleId :

E2963

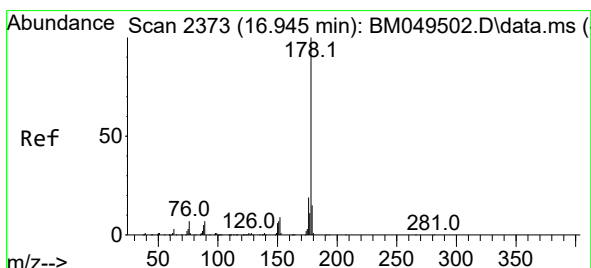
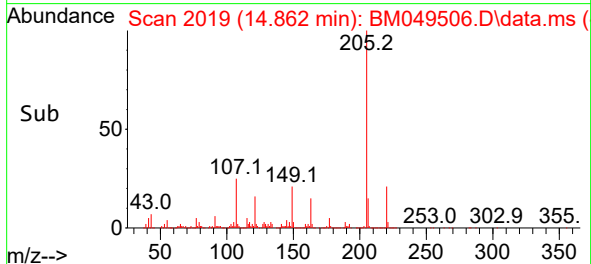
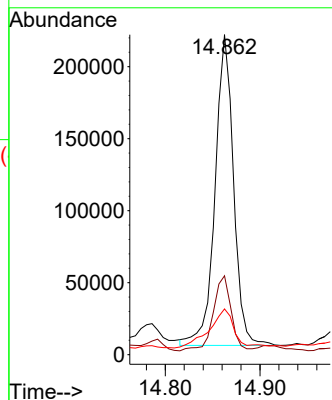
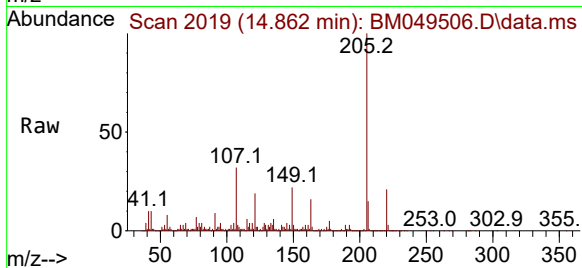
Tgt Ion:149 Resp: 293184

Ion Ratio Lower Upper

149 100

177 24.7 18.3 27.5

150 14.3 9.9 14.9



#72

Phenanthrene

Concen: 1.051 ng/ul

RT: 16.951 min Scan# 2374

Delta R.T. 0.006 min

Lab File: BM049506.D

Acq: 29 Jan 2025 16:18

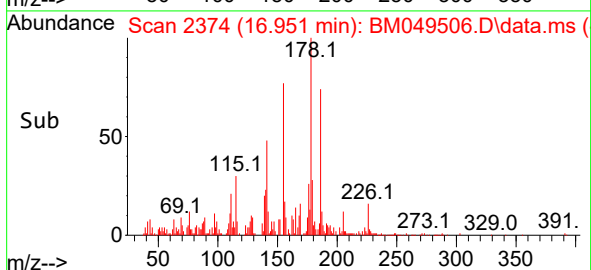
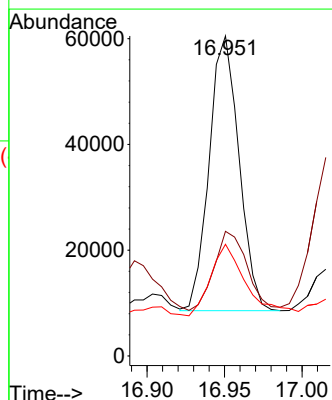
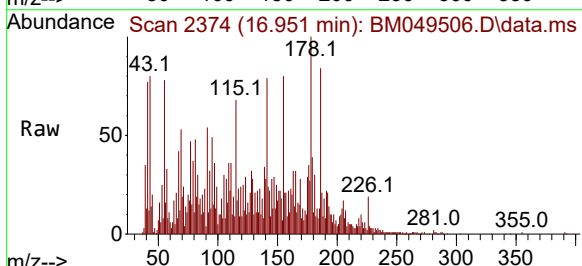
Tgt Ion:178 Resp: 69487

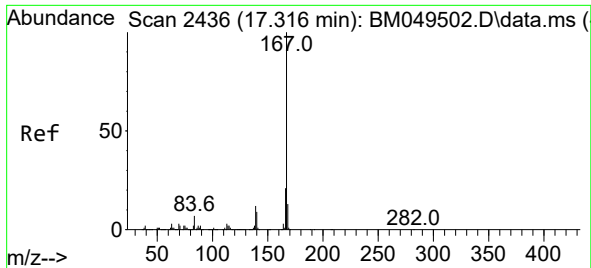
Ion Ratio Lower Upper

178 100

179 38.9 12.4 18.6#

176 34.9 15.6 23.4#





#77

Carbazole

Concen: 3.324 ng/ul

RT: 17.321 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM049506.D

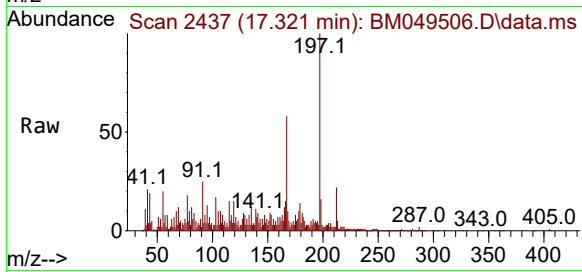
Acq: 29 Jan 2025 16:18

Instrument :

BNA_M

ClientSampleId :

E2963



Tgt Ion:167 Resp: 197915

Ion Ratio Lower Upper

167 100

166 25.5 17.2 25.8

139 18.4 9.3 13.9#

