

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
 Data File : BP023812.D
 Acq On : 31 Jan 2025 00:31
 Operator : RC/JU
 Sample : Q1197-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2964

Quant Time: Jan 31 08:15:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 08:09:38 2025
 Response via : Initial Calibration

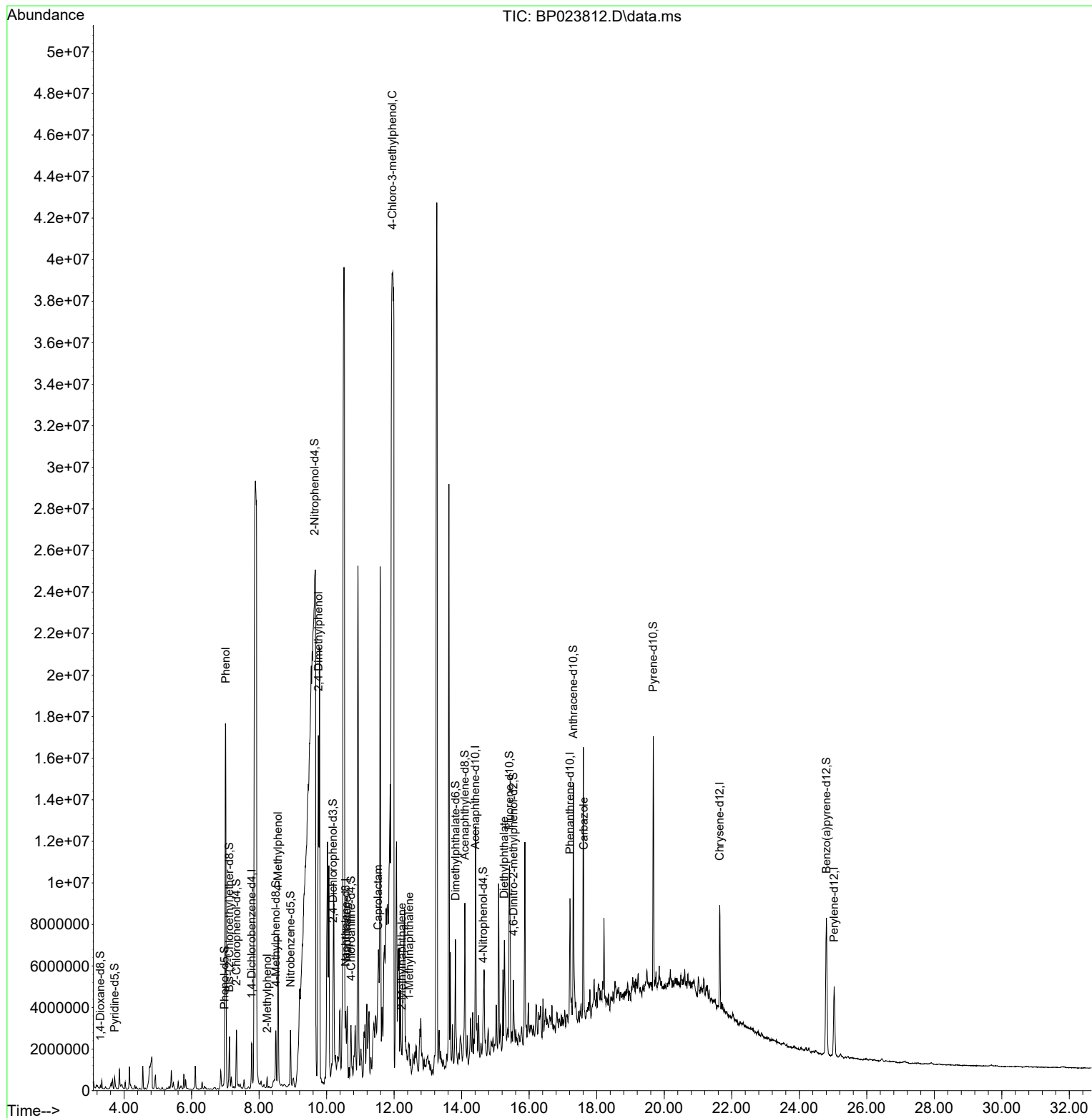
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	561425	20.000	ng/ul	0.02
20) Naphthalene-d8	10.563	136	2058196	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.404	164	1602512	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	2877370	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	3118937	20.000	ng/ul	0.00
88) Perylene-d12	25.033	264	3383911	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	81621	6.040	ng/uL	0.01
4) Pyridine-d5	3.723	84	425104	10.903	ng/ul	0.03
7) Phenol-d5	6.975	99	607160	12.220	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.122	67	953987	36.275	ng/ul	0.02
11) 2-Chlorophenol-d4	7.328	132	1392124	35.681	ng/ul	0.02
15) 4-Methylphenol-d8	8.499	113	1024479	25.242	ng/ul	0.03
21) Nitrobenzene-d5	8.934	128	709277	43.073	ng/ul	0.02
24) 2-Nitrophenol-d4	9.646	143	749400	42.177	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.193	165	1453065	44.578	ng/ul	0.02
31) 4-Chloroaniline-d4	10.722	131	1278557	26.228	ng/ul	0.04
46) Dimethylphthalate-d6	13.822	166	3871990	32.393	ng/ul	0.02
49) Acenaphthylene-d8	14.093	160	4896615	36.321	ng/ul	0.00
54) 4-Nitrophenol-d4	14.640	143	299170	12.603	ng/ul	0.02
60) Fluorene-d10	15.410	176	3660760	36.367	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	692416	39.007	ng/ul	0.00
73) Anthracene-d10	17.310	188	5741599	40.640	ng/ul	0.00
81) Pyrene-d10	19.675	212	6675509	39.945	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.804	264	7316456	41.440	ng/ul	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.011	94	14192507	278.192	ng/ul	96
13) 2-Methylphenol	8.240	108	175136	4.562	ng/ul	99
18) 4-Methylphenol	8.563	108	2977809	69.918	ng/ul	97
26) 2,4-Dimethylphenol	9.758	107	7355603	205.059	ng/ul	99
30) Naphthalene	10.610	128	1890440	17.159	ng/ul	99
34) Caprolactam	11.522	113	97629	7.624	ng/ul#	13
35) 4-Chloro-3-methylphenol	11.952	107	27127351	763.443	ng/ul#	17
36) 2-Methylnaphthalene	12.228	142	214622	2.771	ng/ul	100
37) 1-Methylnaphthalene	12.446	142	188633	2.455	ng/ul#	98
59) Diethylphthalate	15.263	149	659035	5.531	ng/ul#	79
77) Carbazole	17.616	167	493229	3.436	ng/ul#	82

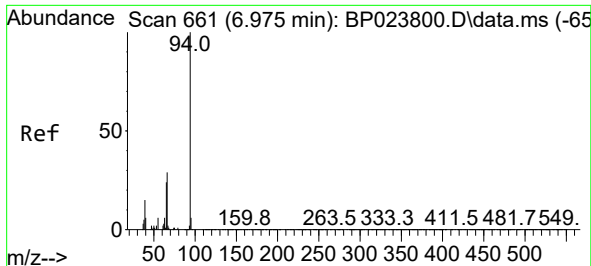
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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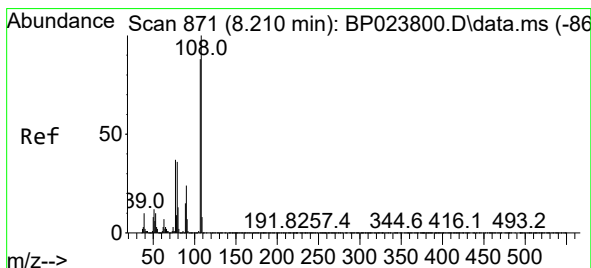
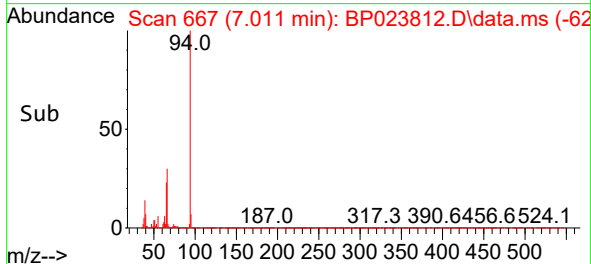
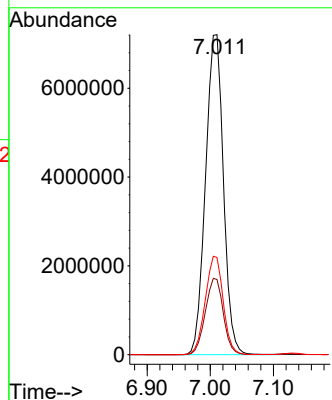
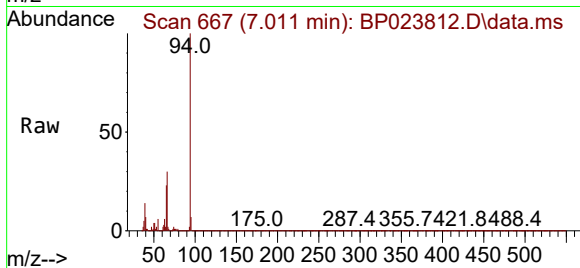




#8
Phenol
Concen: 278.192 ng/ul
RT: 7.011 min Scan# 60
Delta R.T. 0.036 min
Lab File: BP023812.D
Acq: 31 Jan 2025 00:31

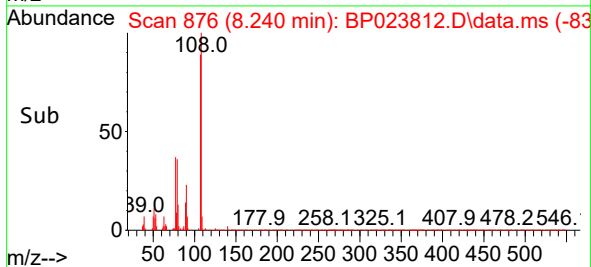
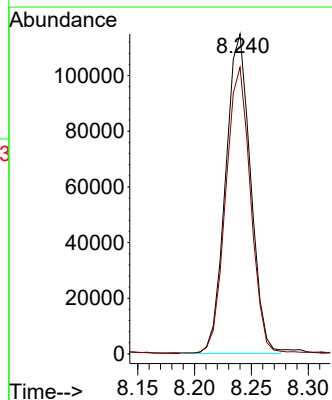
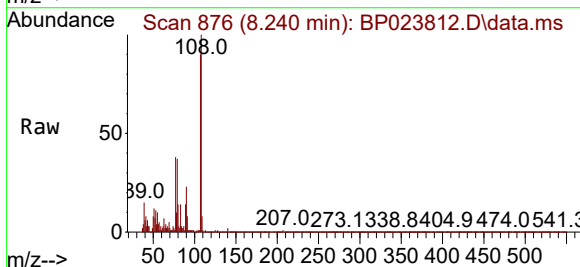
Instrument :
BNA_P
ClientSampleId :
E2964

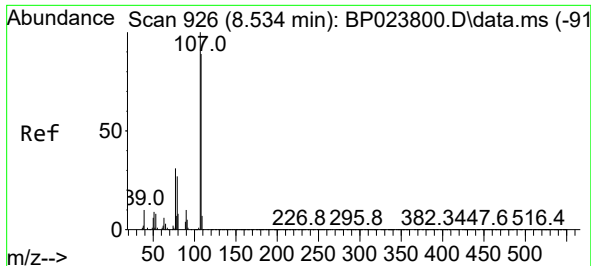
Tgt Ion: 94 Resp:14192507
Ion Ratio Lower Upper
94 100
65 23.5 20.1 30.1
66 30.4 26.0 39.0



#13
2-Methylphenol
Concen: 4.562 ng/ul
RT: 8.240 min Scan# 876
Delta R.T. 0.030 min
Lab File: BP023812.D
Acq: 31 Jan 2025 00:31

Tgt Ion:108 Resp: 175136
Ion Ratio Lower Upper
108 100
107 89.6 71.0 106.6

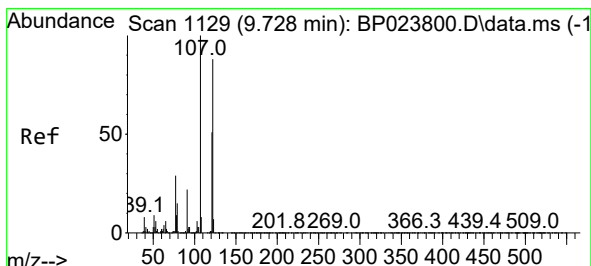
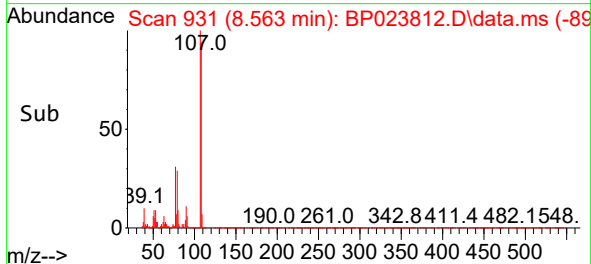
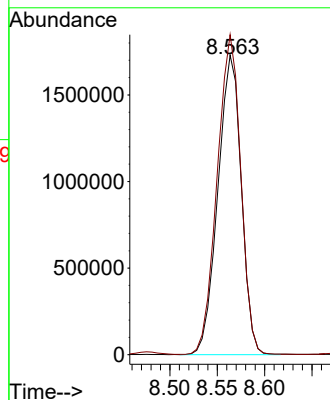
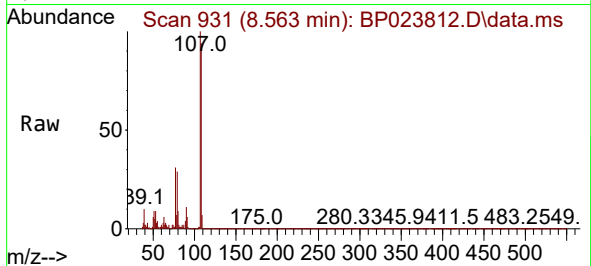




#18
4-Methylphenol
Concen: 69.918 ng/ul
RT: 8.563 min Scan# 91
Delta R.T. 0.030 min
Lab File: BP023812.D
Acq: 31 Jan 2025 00:31

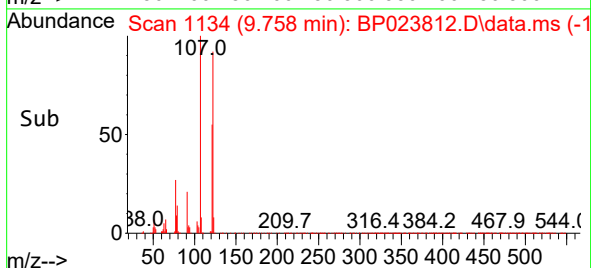
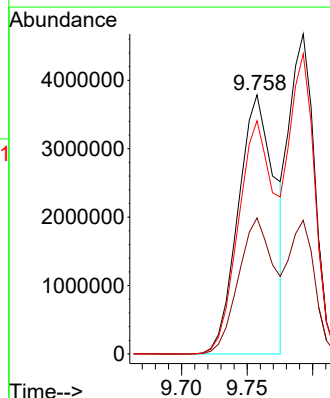
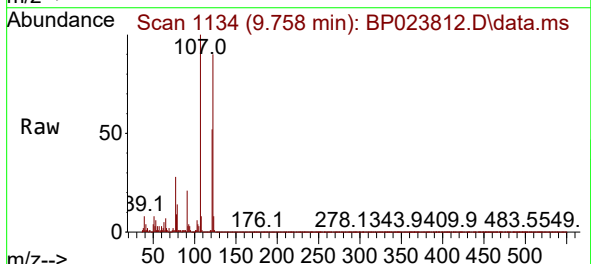
Instrument :
BNA_P
ClientSampleId :
E2964

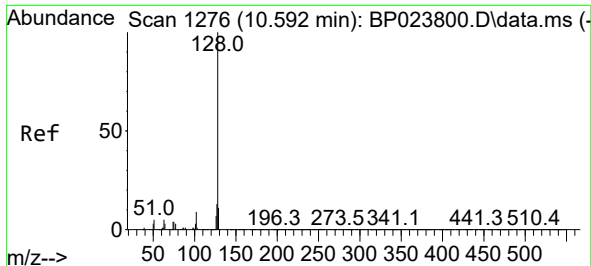
Tgt Ion:108 Resp: 2977809
Ion Ratio Lower Upper
108 100
107 106.8 87.8 131.6



#26
2,4-Dimethylphenol
Concen: 205.059 ng/ul
RT: 9.758 min Scan# 1134
Delta R.T. 0.030 min
Lab File: BP023812.D
Acq: 31 Jan 2025 00:31

Tgt Ion:107 Resp: 7355603
Ion Ratio Lower Upper
107 100
121 52.5 41.4 62.2
122 90.0 71.5 107.3

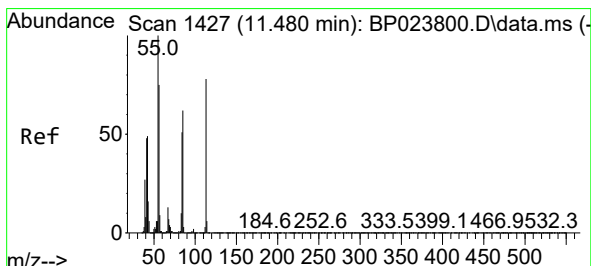
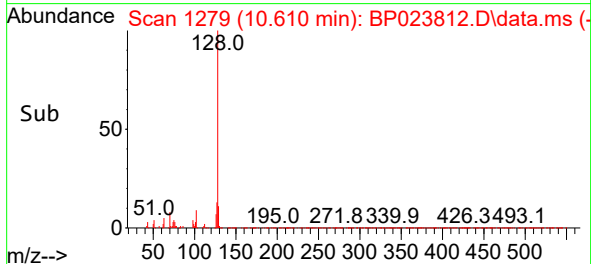
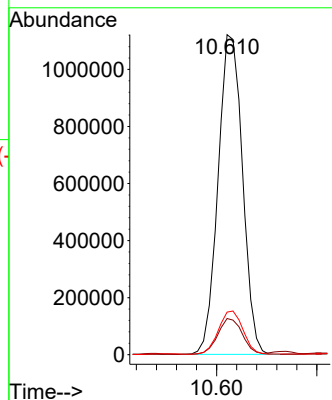
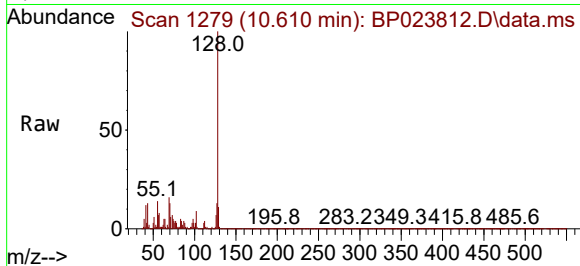




#30
Naphthalene
Concen: 17.159 ng/ul
RT: 10.610 min Scan# 1276
Delta R.T. 0.018 min
Lab File: BP023812.D
Acq: 31 Jan 2025 00:31

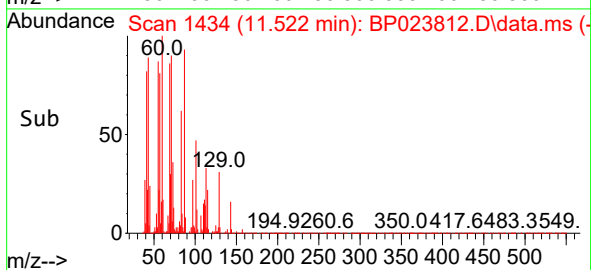
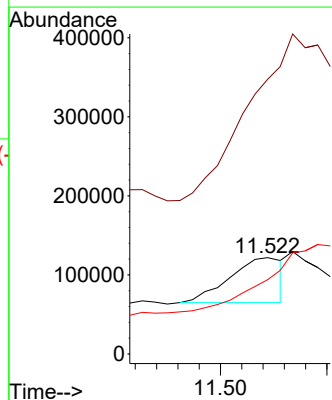
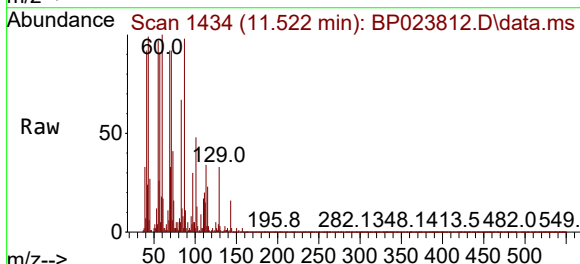
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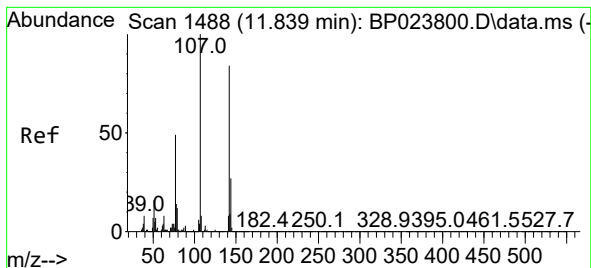
Tgt Ion:128 Resp: 1890440
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.5 15.7



#34
Caprolactam
Concen: 7.624 ng/ul
RT: 11.522 min Scan# 1434
Delta R.T. 0.042 min
Lab File: BP023812.D
Acq: 31 Jan 2025 00:31

Tgt Ion:113 Resp: 97629
Ion Ratio Lower Upper
113 100
55 285.0 101.1 151.7#
56 77.1 77.0 115.6

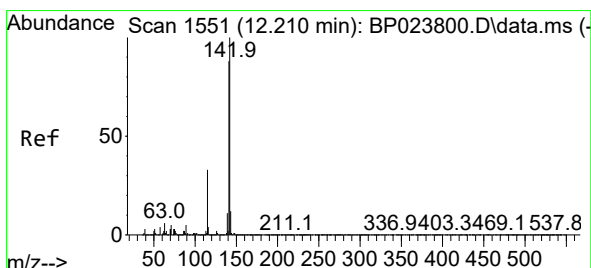
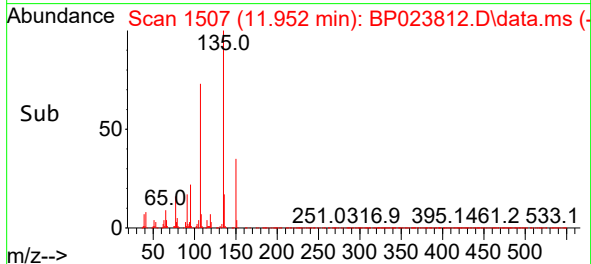
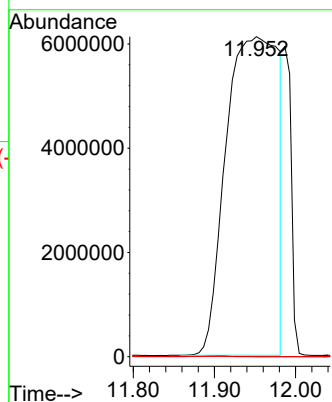
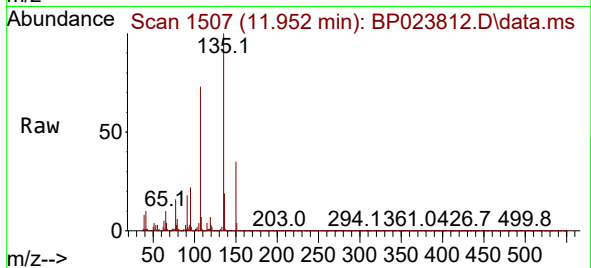




#35
4-Chloro-3-methylphenol
Concen: 763.443 ng/ul
RT: 11.952 min Scan# 11
Delta R.T. 0.112 min
Lab File: BP023812.D
Acq: 31 Jan 2025 00:31

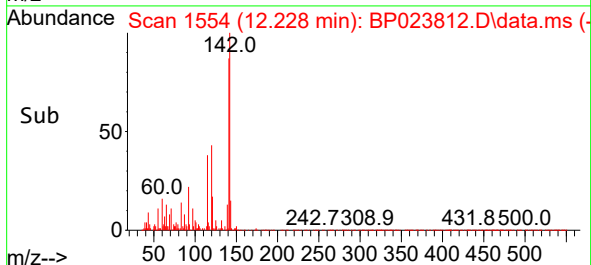
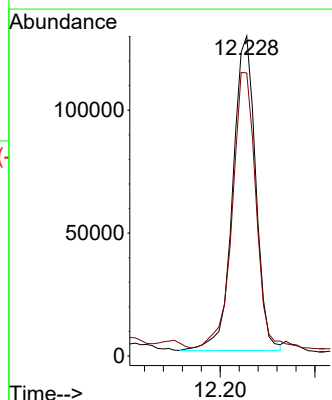
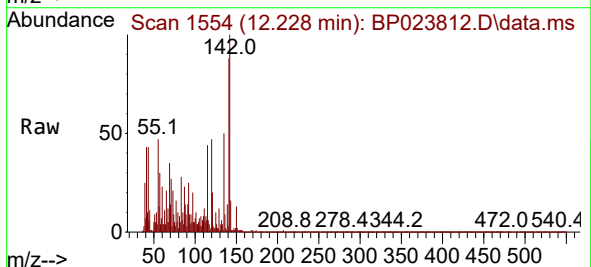
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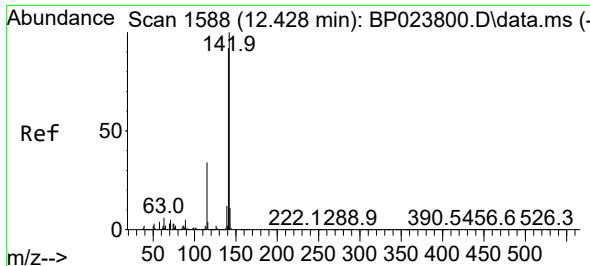
Tgt Ion:107 Resp:27127351
Ion Ratio Lower Upper
107 100
144 0.0 21.4 32.2#
142 0.0 68.1 102.1#



#36
2-Methylnaphthalene
Concen: 2.771 ng/ul
RT: 12.228 min Scan# 1554
Delta R.T. 0.018 min
Lab File: BP023812.D
Acq: 31 Jan 2025 00:31

Tgt Ion:142 Resp: 214622
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2

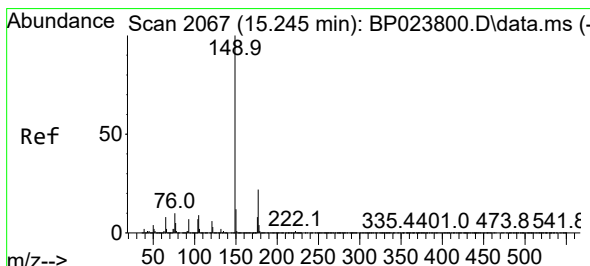
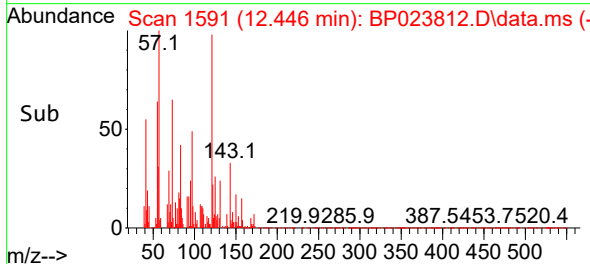
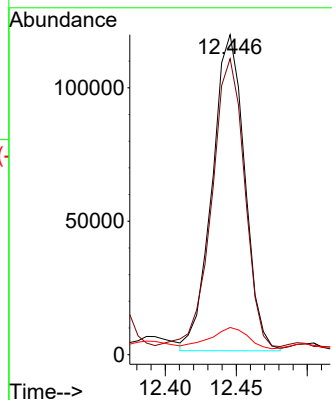
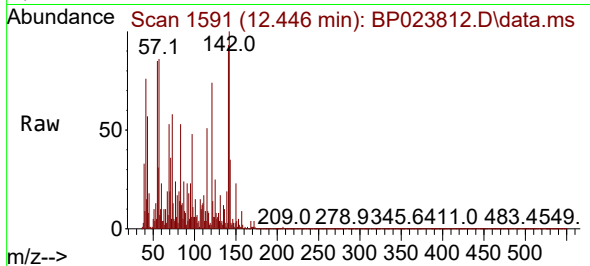




#37
1-Methylnaphthalene
Concen: 2.455 ng/ul
RT: 12.446 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP023812.D
Acq: 31 Jan 2025 00:31

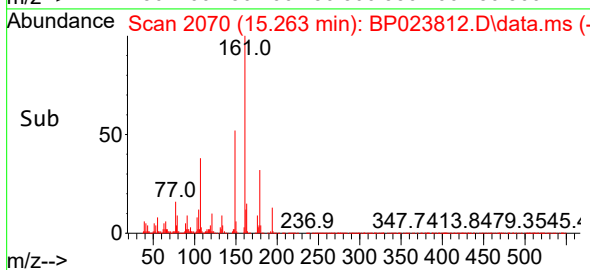
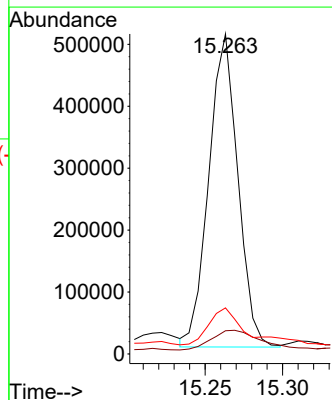
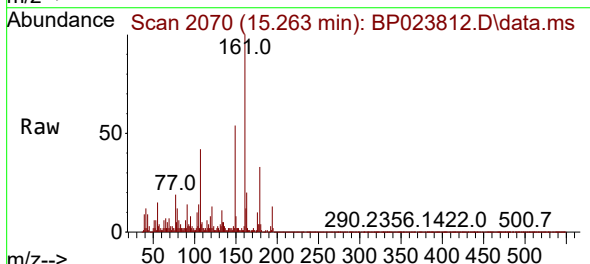
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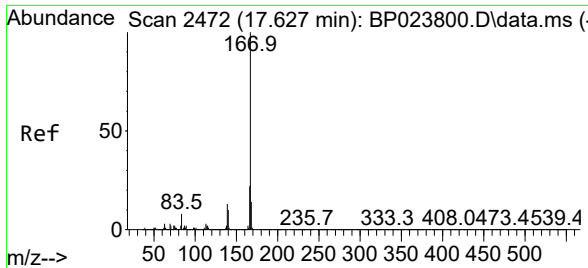
Tgt Ion:142 Resp: 188633
Ion Ratio Lower Upper
142 100
141 92.5 72.8 109.2
116 8.5 2.9 4.3#



#59
Diethylphthalate
Concen: 5.531 ng/ul
RT: 15.263 min Scan# 2070
Delta R.T. 0.018 min
Lab File: BP023812.D
Acq: 31 Jan 2025 00:31

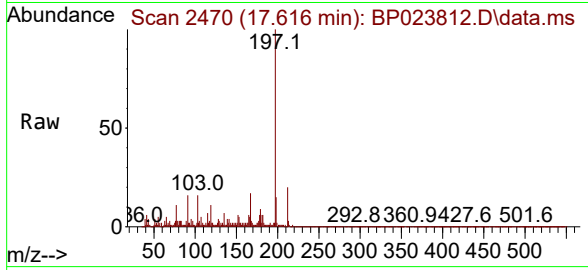
Tgt Ion:149 Resp: 659035
Ion Ratio Lower Upper
149 100
177 7.3 17.4 26.0#
150 14.4 9.9 14.9





#77
 Carbazole
 Concen: 3.436 ng/ul
 RT: 17.616 min Scan# 24
 Delta R.T. -0.011 min
 Lab File: BP023812.D
 Acq: 31 Jan 2025 00:31

Instrument :
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Tgt Ion:167 Resp: 493229
 Ion Ratio Lower Upper
 167 100
 166 27.9 17.0 25.6#
 139 22.8 10.2 15.4#

