

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
 Data File : BP023957.D
 Acq On : 06 Feb 2025 05:52
 Operator : RC/JU
 Sample : Q1202-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E29B4

Quant Time: Feb 06 07:36:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

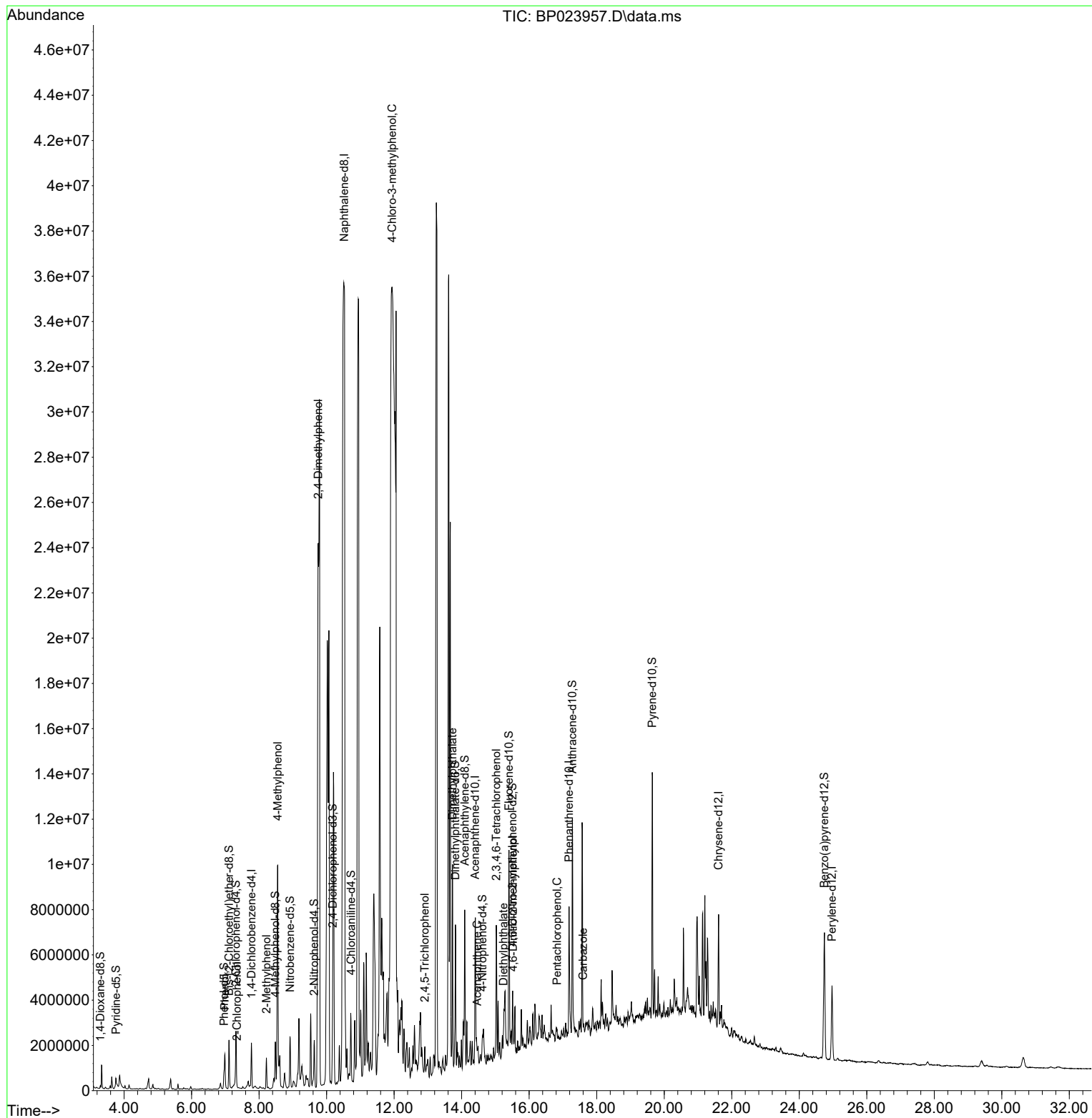
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	564568	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	15473357	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.398	164	1528613	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.181	188	2826794	20.000	ng/ul	0.00
79) Chrysene-d12	21.610	240	2835112	20.000	ng/ul	-0.03
88) Perylene-d12	24.968	264	3131473	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	73877	5.437	ng/uL	0.00
4) Pyridine-d5	3.764	84	265992	6.784	ng/ul	0.06
7) Phenol-d5	6.963	99	461659	9.240	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	853325	32.267	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	1217426	31.030	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	872979	21.389	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	657639	5.312	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	742414	5.558	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	1194420	4.874	ng/ul	0.01
31) 4-Chloroaniline-d4	10.722	131	730285	1.993	ng/ul	0.05
46) Dimethylphthalate-d6	13.816	166	3764099	33.013	ng/ul	0.02
49) Acenaphthylene-d8	14.092	160	4324776	33.630	ng/ul	0.01
54) 4-Nitrophenol-d4	14.616	143	228049	10.071	ng/ul	0.00
60) Fluorene-d10	15.398	176	3221766	33.554	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	594048	34.064	ng/ul	0.00
73) Anthracene-d10	17.281	188	5066637	36.504	ng/ul	0.00
81) Pyrene-d10	19.645	212	5649928	37.193	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.745	264	5965608	36.512	ng/ul	-0.03
Target Compounds						
					Qvalue	
8) Phenol	6.987	94	951140	18.540	ng/ul	99
12) 2-Chlorophenol	7.346	128	44035	1.089	ng/ul	98
13) 2-Methylphenol	8.216	108	484547	12.553	ng/ul	99
18) 4-Methylphenol	8.552	108	4579396	106.924	ng/ul	94
26) 2,4-Dimethylphenol	9.752	107	12045654	44.668	ng/ul	99
35) 4-Chloro-3-methylphenol	11.940	107	29177276	109.224	ng/ul#	17
42) 2,4,5-Trichlorophenol	12.910	196	293706	9.027	ng/ul	99
47) Dimethylphthalate	13.728	163	3465648	30.549	ng/ul#	91
52) Acenaphthene	14.463	153	152259	1.568	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.028	232	1309394	47.294	ng/ul#	95
59) Diethylphthalate	15.240	149	179482	1.579	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.522	198	62745	3.273	ng/ul#	1
71) Pentachlorophenol	16.828	266	61774	2.599	ng/ul	97
77) Carbazole	17.598	167	176003	1.248	ng/ul#	88

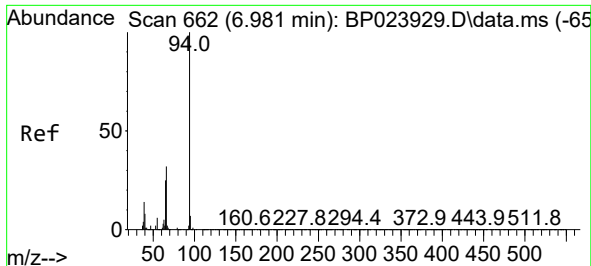
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Phenol

Concen: 18.540 ng/ul

RT: 6.987 min Scan# 6

Delta R.T. 0.006 min

Lab File: BP023957.D

Acq: 06 Feb 2025 05:52

Instrument :

BNA_P

ClientSampleId :

E29B4

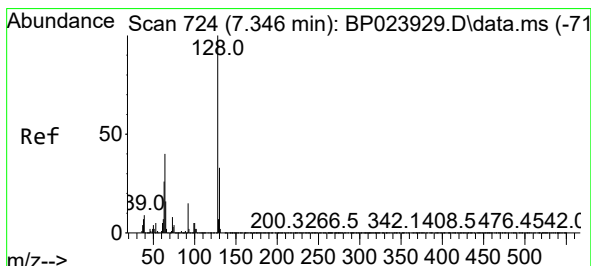
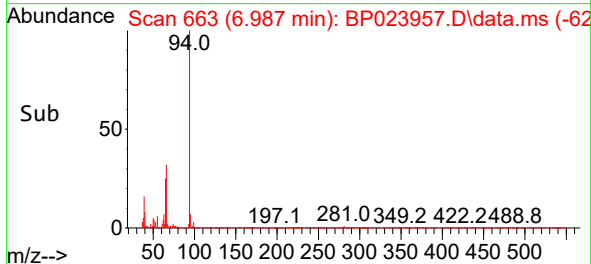
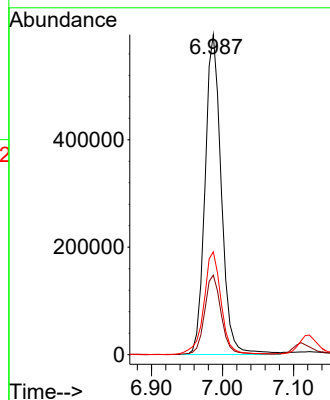
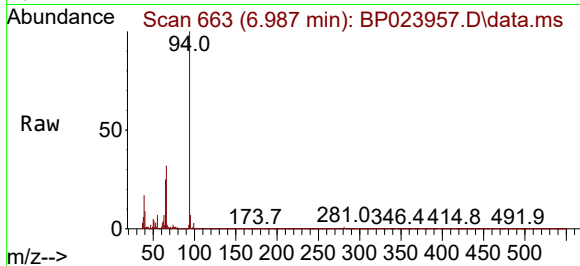
Tgt Ion: 94 Resp: 951140

Ion Ratio Lower Upper

94 100

65 24.9 20.1 30.1

66 32.1 26.0 39.0



#12

2-Chlorophenol

Concen: 1.089 ng/ul

RT: 7.346 min Scan# 724

Delta R.T. -0.000 min

Lab File: BP023957.D

Acq: 06 Feb 2025 05:52

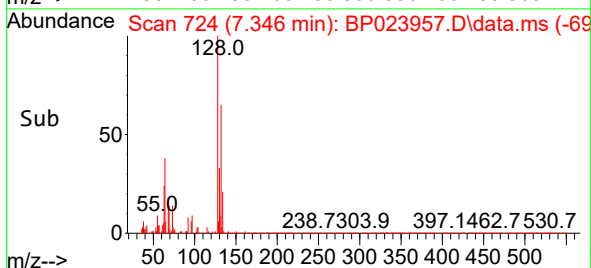
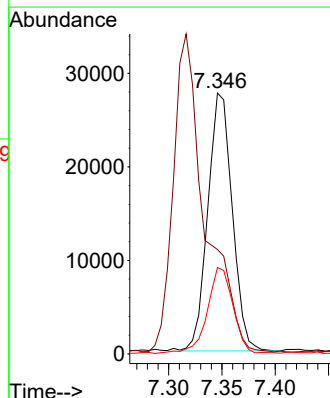
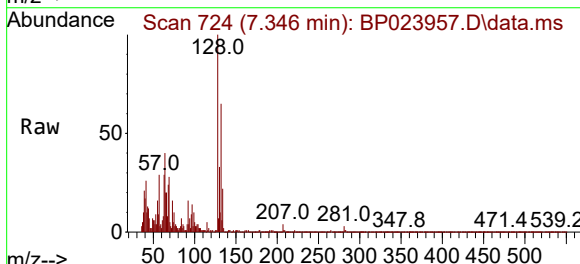
Tgt Ion:128 Resp: 44035

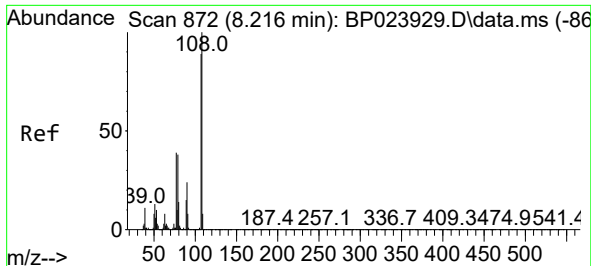
Ion Ratio Lower Upper

128 100

64 40.0 31.1 46.7

130 33.1 25.8 38.6

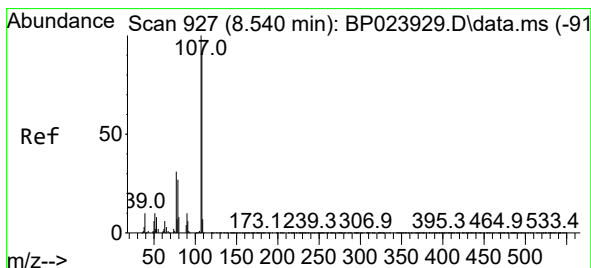
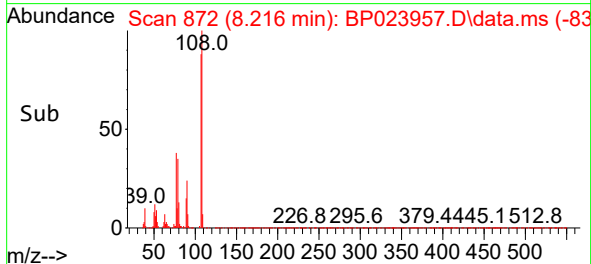
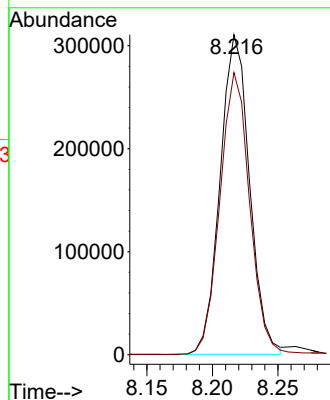
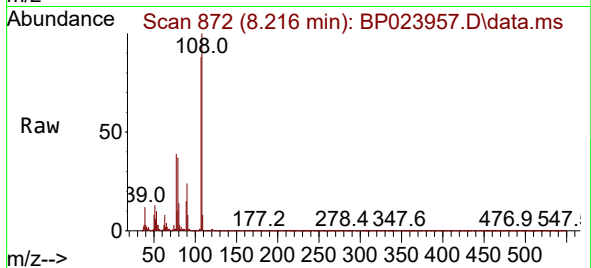




#13
2-Methylphenol
Concen: 12.553 ng/ul
RT: 8.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

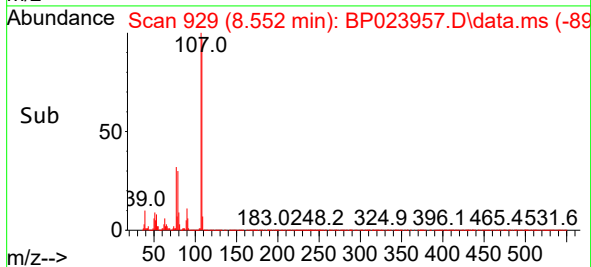
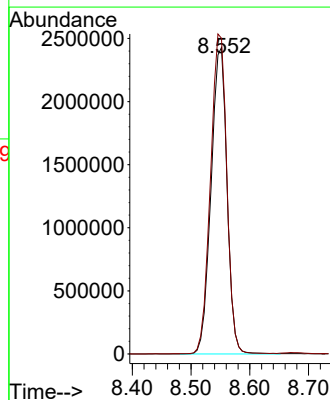
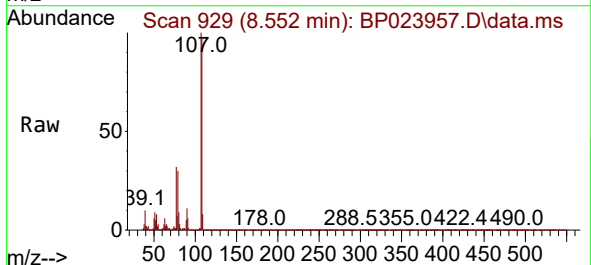
Instrument :
BNA_P
ClientSampleId :
E29B4

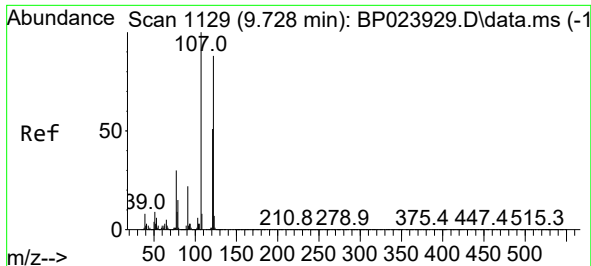
Tgt Ion:108 Resp: 484547
Ion Ratio Lower Upper
108 100
107 88.2 71.0 106.6



#18
4-Methylphenol
Concen: 106.924 ng/ul
RT: 8.552 min Scan# 929
Delta R.T. 0.018 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

Tgt Ion:108 Resp: 4579396
Ion Ratio Lower Upper
108 100
107 103.0 87.8 131.6

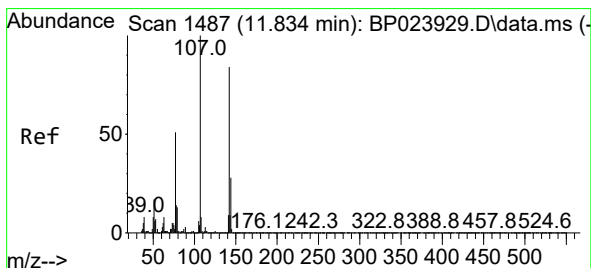
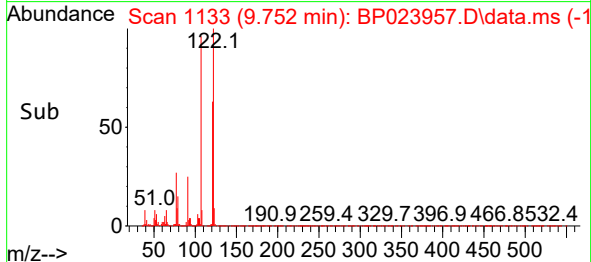
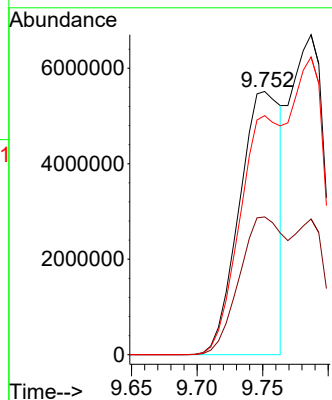
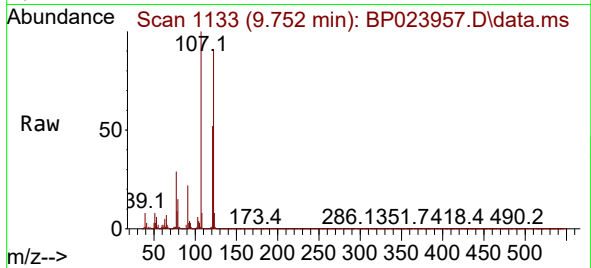




#26
2,4-Dimethylphenol
Concen: 44.668 ng/ul
RT: 9.752 min Scan# 1129
Delta R.T. 0.023 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

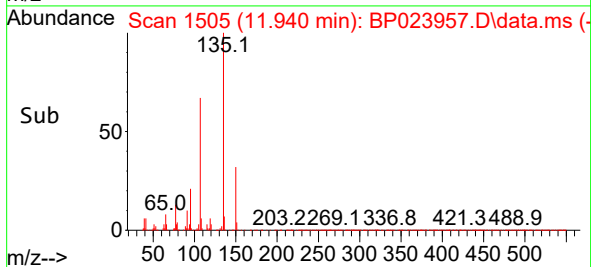
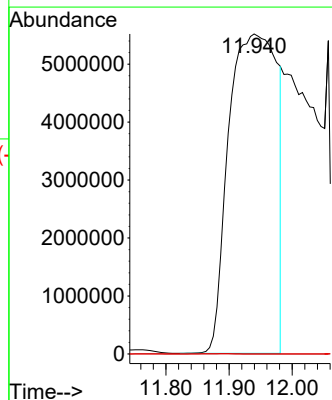
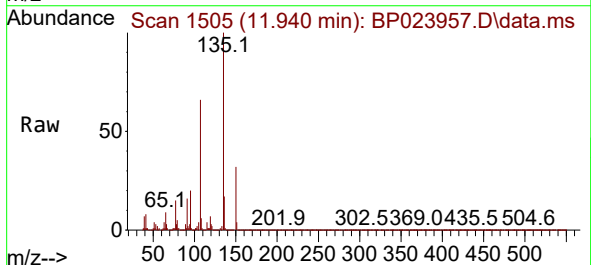
Instrument :
BNA_P
ClientSampleId :
E29B4

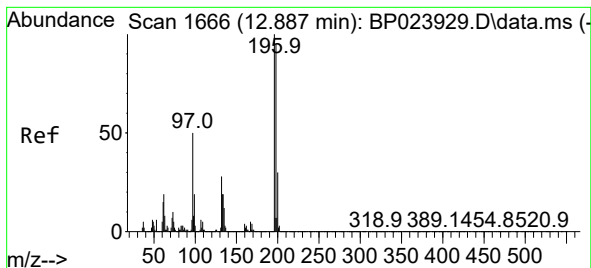
Tgt Ion:107 Resp:12045654
Ion Ratio Lower Upper
107 100
121 52.4 41.4 62.2
122 90.8 71.5 107.3



#35
4-Chloro-3-methylphenol
Concen: 109.224 ng/ul
RT: 11.940 min Scan# 1505
Delta R.T. 0.106 min
Lab File: BP023957.D
Acq: 06 Feb 2025 05:52

Tgt Ion:107 Resp:29177276
Ion Ratio Lower Upper
107 100
144 0.0 21.4 32.2#
142 0.0 68.1 102.1#





#42

2,4,5-Trichlorophenol

Concen: 9.027 ng/ul

RT: 12.910 min Scan# 1

Delta R.T. 0.018 min

Lab File: BP023957.D

Acq: 06 Feb 2025 05:52

Instrument :

BNA_P

ClientSampleId :

E29B4

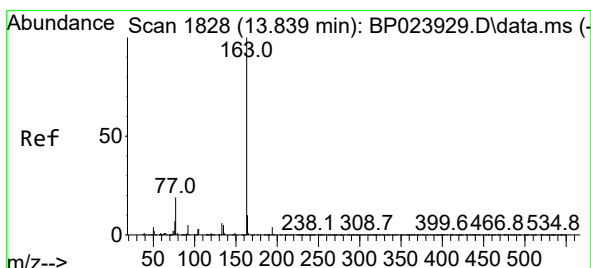
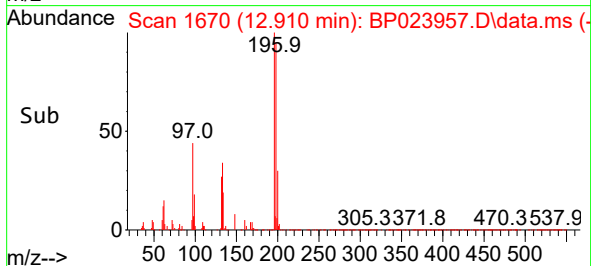
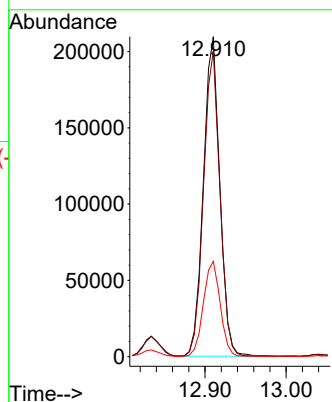
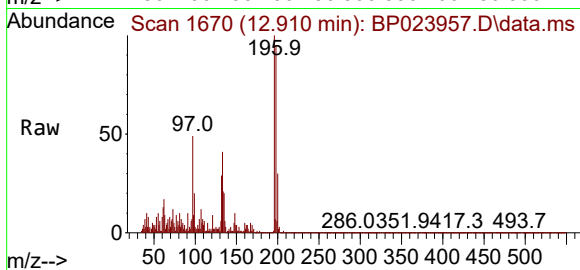
Tgt Ion:196 Resp: 293706

Ion Ratio Lower Upper

196 100

198 95.5 76.8 115.2

200 29.8 24.9 37.3



#47

Dimethylphthalate

Concen: 30.549 ng/ul

RT: 13.728 min Scan# 1809

Delta R.T. -0.112 min

Lab File: BP023957.D

Acq: 06 Feb 2025 05:52

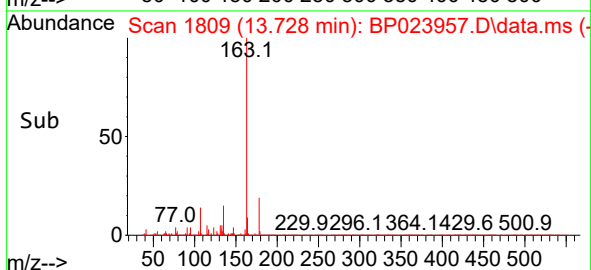
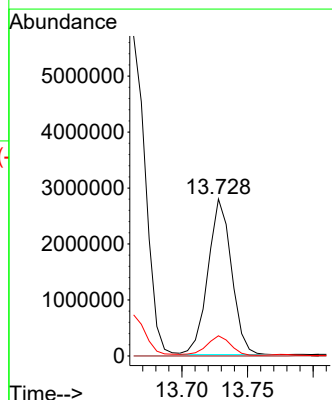
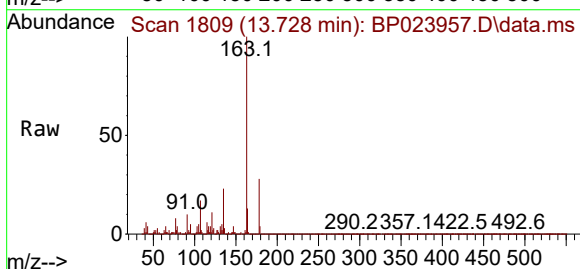
Tgt Ion:163 Resp: 3465648

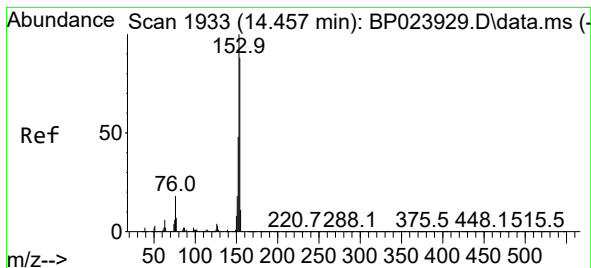
Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

164 12.9 8.1 12.1#





#52

Acenaphthene

Concen: 1.568 ng/ul

RT: 14.463 min Scan# 1933

Delta R.T. 0.012 min

Lab File: BP023957.D

Acq: 06 Feb 2025 05:52

Instrument :

BNA_P

ClientSampleId :

E29B4

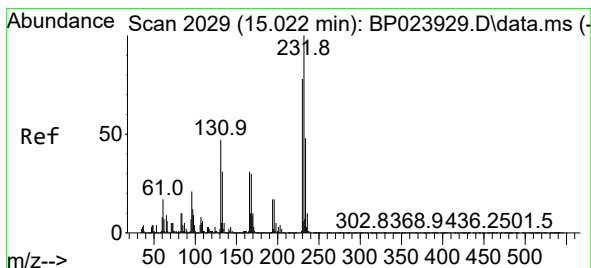
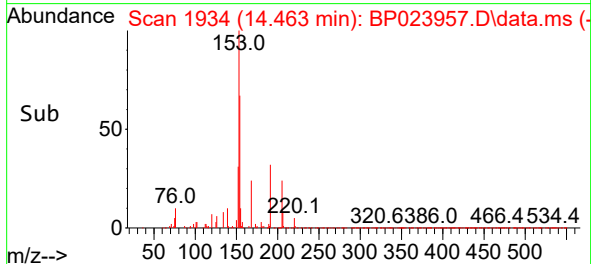
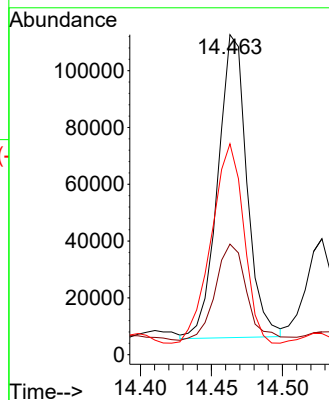
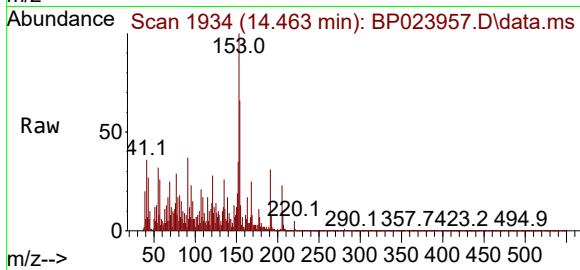
Tgt Ion:153 Resp: 152259

Ion Ratio Lower Upper

153 100

152 34.6 38.2 57.4#

154 65.9 71.2 106.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.294 ng/ul

RT: 15.028 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BP023957.D

Acq: 06 Feb 2025 05:52

Tgt Ion:232 Resp: 1309394

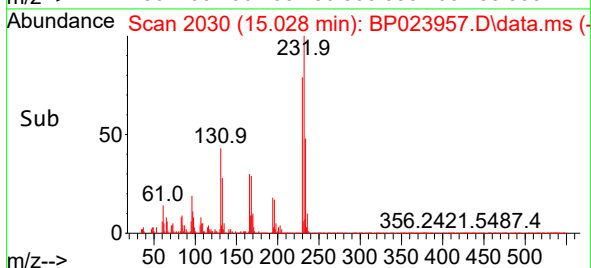
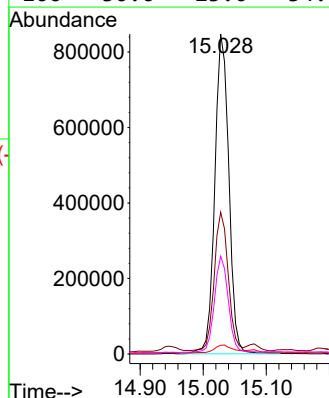
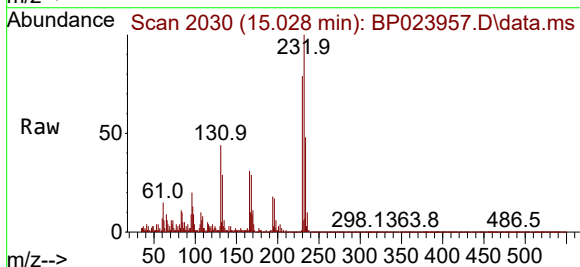
Ion Ratio Lower Upper

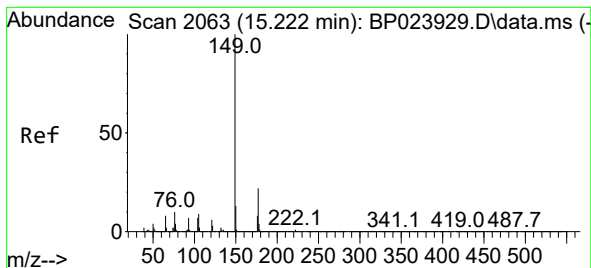
232 100

131 44.3 32.4 48.6

130 2.7 1.7 2.5#

166 30.6 23.0 34.4





#59

Diethylphthalate

Concen: 1.579 ng/ul

RT: 15.240 min Scan# 2066

Delta R.T. 0.018 min

Lab File: BP023957.D

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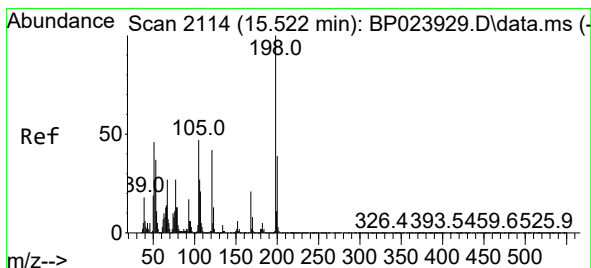
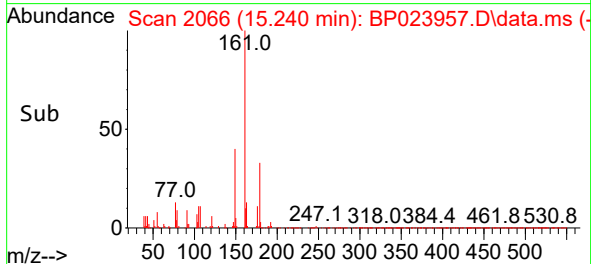
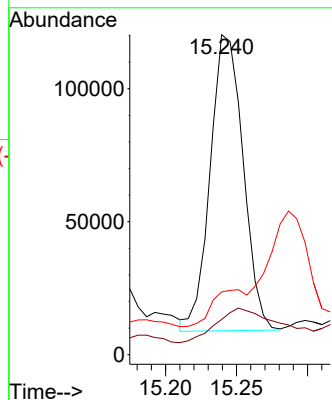
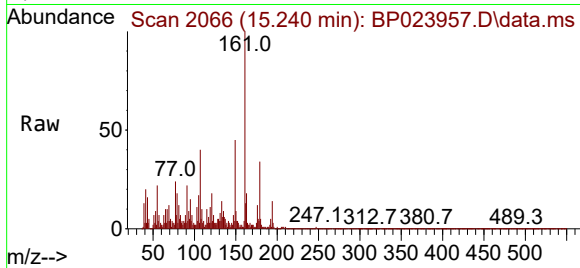
Tgt Ion:149 Resp: 179482

Ion Ratio Lower Upper

149 100

177 11.0 17.4 26.0#

150 19.6 9.9 14.9#



#66

4,6-Dinitro-2-methylphenol

Concen: 3.273 ng/ul

RT: 15.522 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BP023957.D

Acq: 06 Feb 2025 05:52

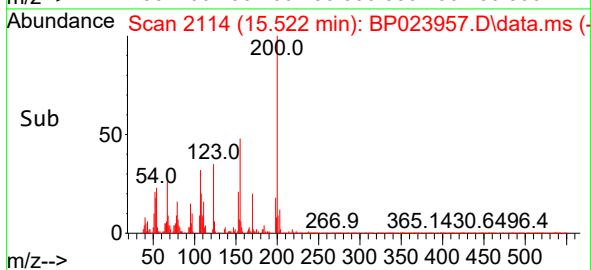
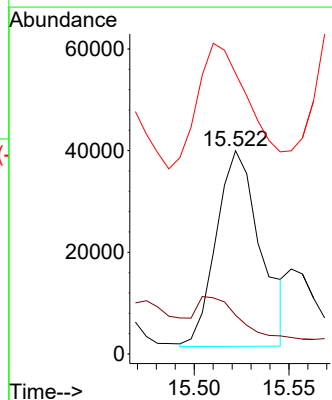
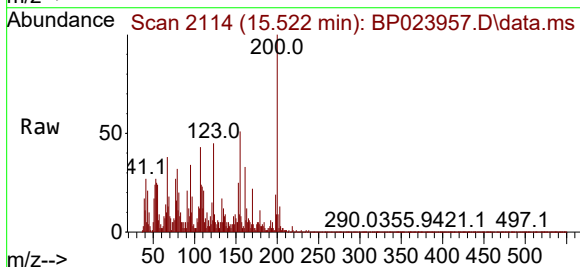
Tgt Ion:198 Resp: 62745

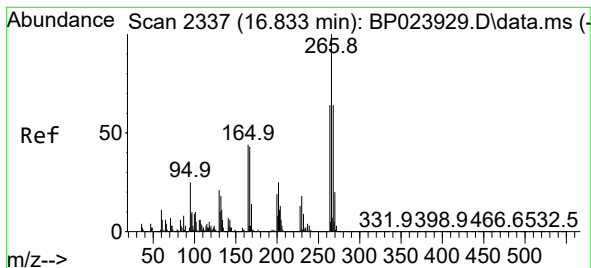
Ion Ratio Lower Upper

198 100

182 19.1 3.9 5.9#

77 138.1 19.7 29.5#





#71

Pentachlorophenol

Concen: 2.599 ng/ul

RT: 16.828 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP023957.D

Acq: 06 Feb 2025 05:52

Instrument :

BNA_P

ClientSampleId :

E29B4

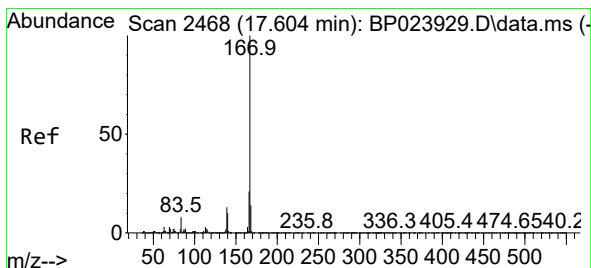
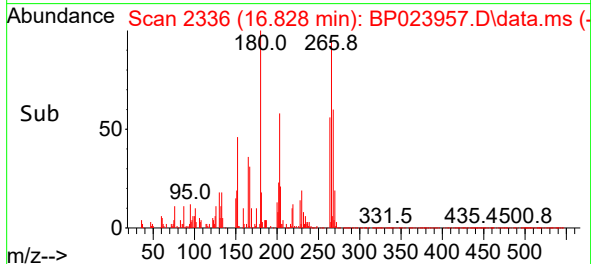
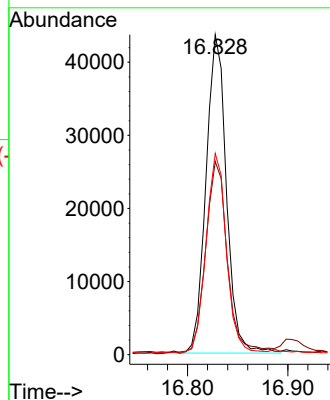
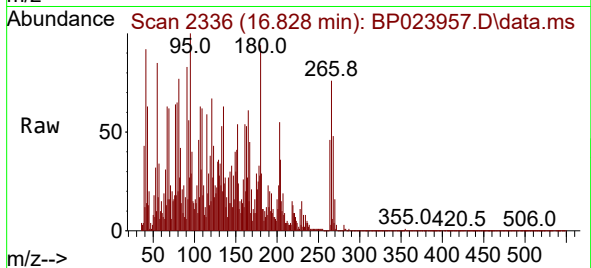
Tgt Ion:266 Resp: 61774

Ion Ratio Lower Upper

266 100

264 60.4 50.8 76.2

268 62.9 51.1 76.7



#77

Carbazole

Concen: 1.248 ng/ul

RT: 17.598 min Scan# 2467

Delta R.T. -0.000 min

Lab File: BP023957.D

Acq: 06 Feb 2025 05:52

Tgt Ion:167 Resp: 176003

Ion Ratio Lower Upper

167 100

166 24.9 17.0 25.6

139 20.4 10.2 15.4#

