

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
 Data File : BP023956.D
 Acq On : 06 Feb 2025 05:12
 Operator : RC/JU
 Sample : Q1202-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E29B3

Quant Time: Feb 06 07:36:15 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

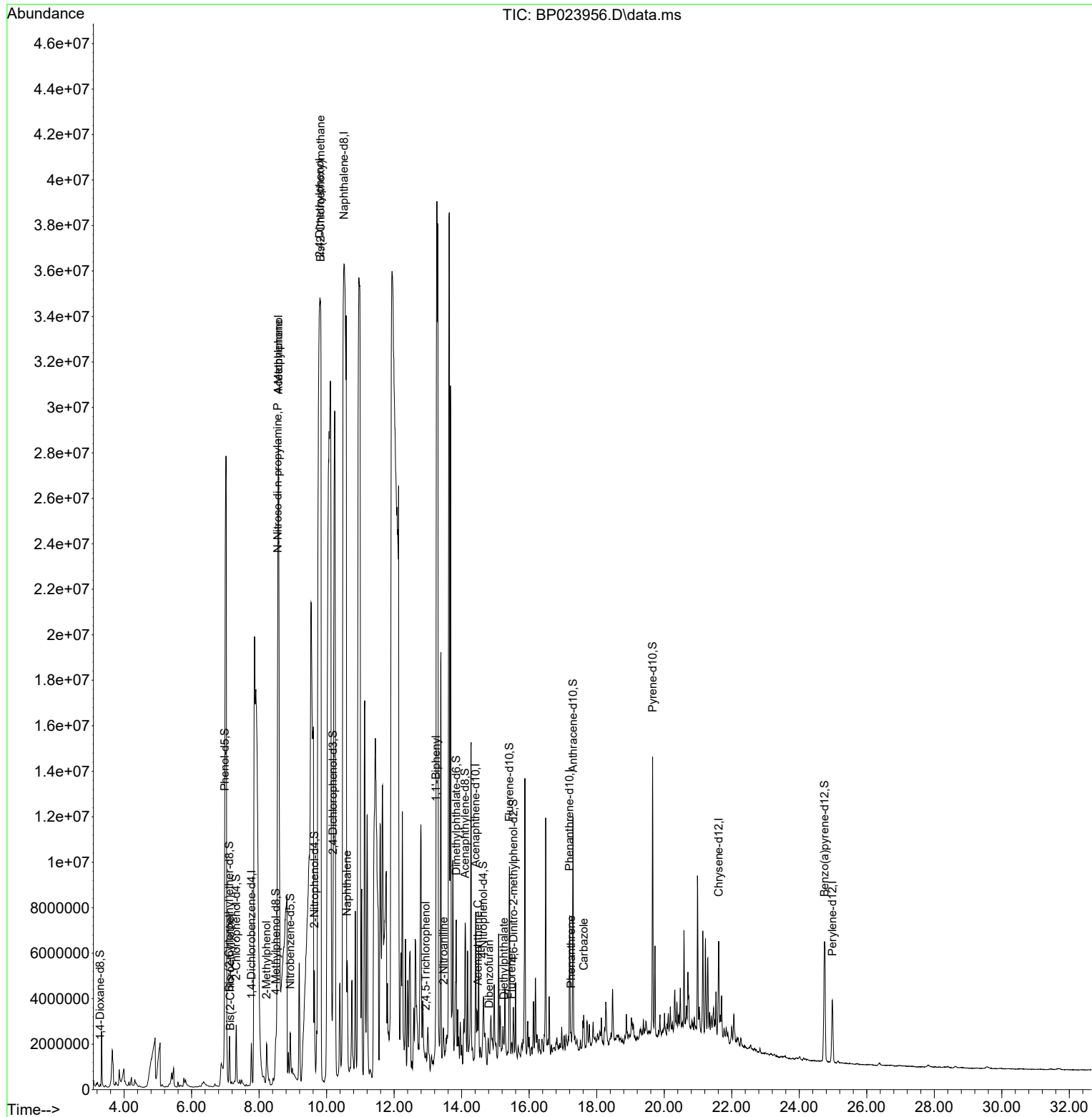
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	506757	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	24357954	20.000	ng/ul	#-0.03
38) Acenaphthene-d10	14.416	164	1511030	20.000	ng/ul	0.03
64) Phenanthrene-d10	17.198	188	2627098	20.000	ng/ul	0.01
79) Chrysene-d12	21.616	240	2546992	20.000	ng/ul	-0.02
88) Perylene-d12	24.980	264	2812611	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	72049	5.907	ng/uL	0.00
4) Pyridine-d5	3.728	84	26737	0.760	ng/ul	0.02
7) Phenol-d5	6.981	99	543470	12.118	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.122	67	929386	39.152	ng/ul	0.02
11) 2-Chlorophenol-d4	7.322	132	1330212	37.772	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	1010285	27.577	ng/ul	0.02
21) Nitrobenzene-d5	8.928	128	737520	3.785	ng/ul	0.01
24) 2-Nitrophenol-d4	9.640	143	826910	3.932	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.193	165	1390029	3.603	ng/ul	0.02
31) 4-Chloroaniline-d4	10.616	131	9830	0.017	ng/ul	-0.06
46) Dimethylphthalate-d6	13.840	166	4079714	36.197	ng/ul	0.05
49) Acenaphthylene-d8	14.104	160	4954198	38.973	ng/ul	0.02
54) 4-Nitrophenol-d4	14.640	143	286981	12.821	ng/ul	0.03
60) Fluorene-d10	15.416	176	3703861	39.023	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.534	200	430027	26.533	ng/ul	0.02
73) Anthracene-d10	17.298	188	5552152	43.043	ng/ul	0.01
81) Pyrene-d10	19.657	212	6023604	44.138	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	6412128	43.694	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.146	93	194125	5.538	ng/ul#	33
13) 2-Methylphenol	8.222	108	859142	24.796	ng/ul	100
16) Acetophenone	8.575	105	226358	4.042	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.552	70	299252	11.347	ng/ul#	6
18) 4-Methylphenol	8.575	108	22101185	574.909	ng/ul	95
26) 2,4-Dimethylphenol	9.793	107	39066564	92.026	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.822	93	1957759	3.681	ng/ul#	1
30) Naphthalene	10.610	128	4127665	3.166	ng/ul	100
42) 2,4,5-Trichlorophenol	12.934	196	51086	1.588	ng/ul	98
43) 1,1'-Biphenyl	13.240	154	141945	1.266	ng/ul#	85
45) 2-Nitroaniline	13.463	65	25852	1.137	ng/ul#	25
52) Acenaphthene	14.481	153	359464	3.745	ng/ul	85
56) Dibenzofuran	14.816	168	177001	1.331	ng/ul	94
59) Diethylphthalate	15.257	149	133617	1.189	ng/ul#	89
61) Fluorene	15.475	166	168233	1.525	ng/ul#	98
72) Phenanthrene	17.239	178	372554	2.511	ng/ul#	95
77) Carbazole	17.616	167	871775	6.651	ng/ul	98

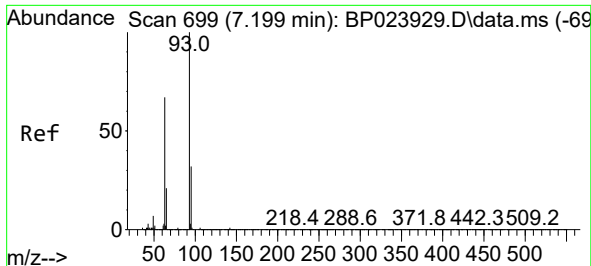
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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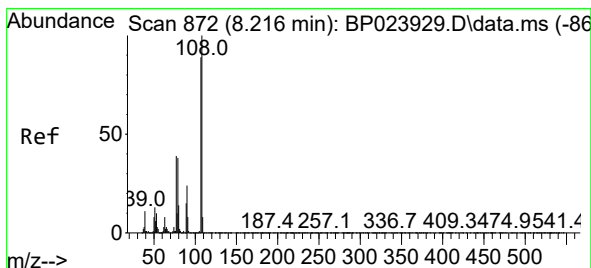
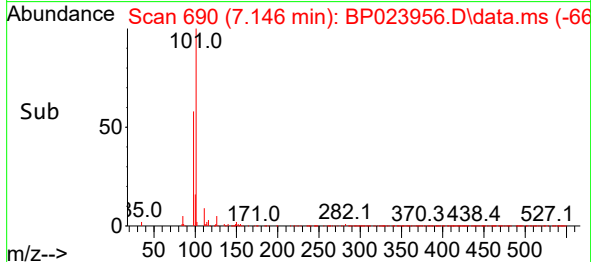
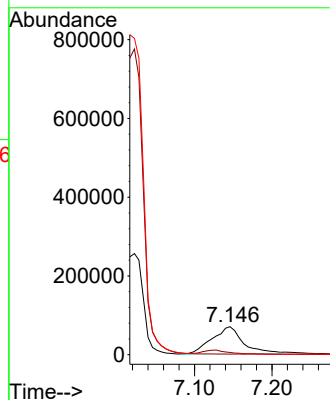
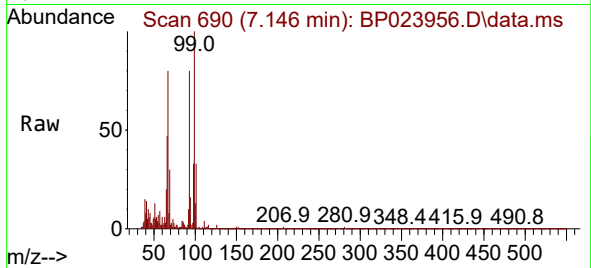




#10
Bis(2-Chloroethyl)ether
Concen: 5.538 ng/ul
RT: 7.146 min Scan# 699
Delta R.T. -0.053 min
Lab File: BP023956.D
Acq: 06 Feb 2025 05:12

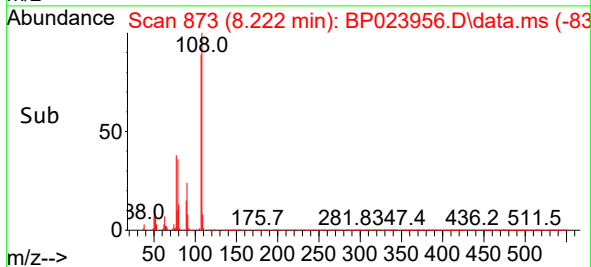
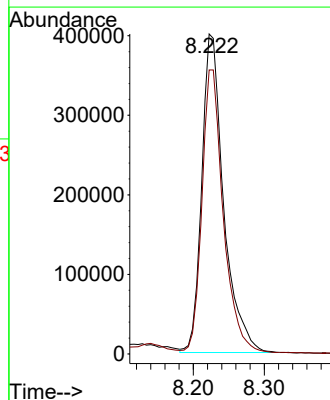
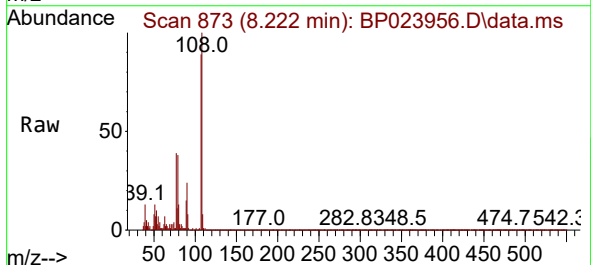
Instrument :
BNA_P
ClientSampleId :
E29B3

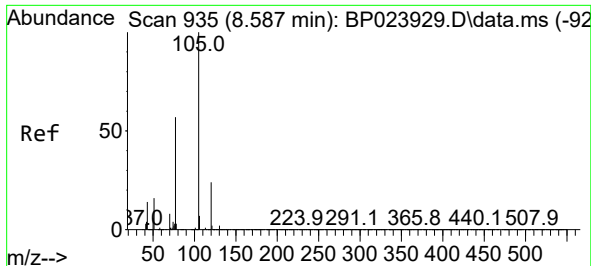
Tgt Ion: 93 Resp: 194125
Ion Ratio Lower Upper
93 100
63 7.9 52.6 79.0#
95 2.0 25.8 38.8#



#13
2-Methylphenol
Concen: 24.796 ng/ul
RT: 8.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BP023956.D
Acq: 06 Feb 2025 05:12

Tgt Ion:108 Resp: 859142
Ion Ratio Lower Upper
108 100
107 88.8 71.0 106.6

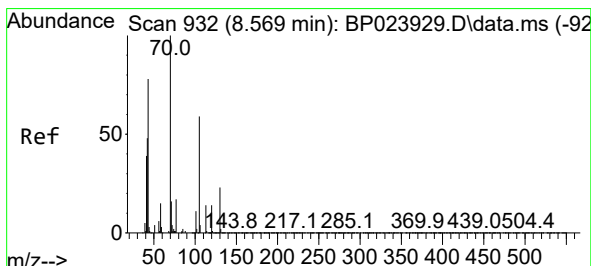
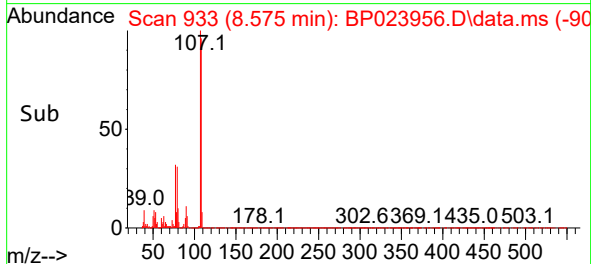
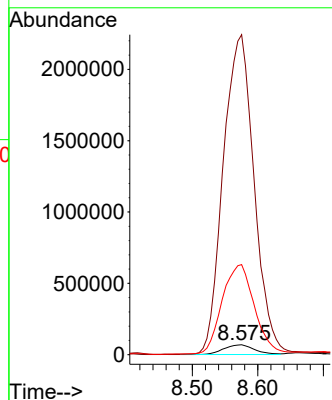
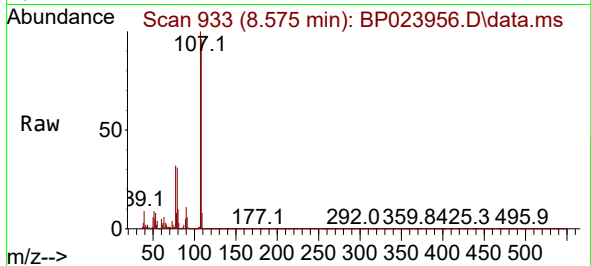




#16
Acetophenone
Concen: 4.042 ng/ul
RT: 8.575 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP023956.D
Acq: 06 Feb 2025 05:12

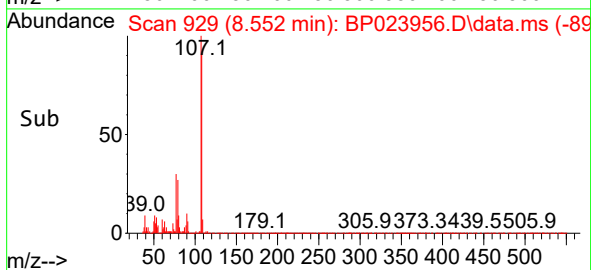
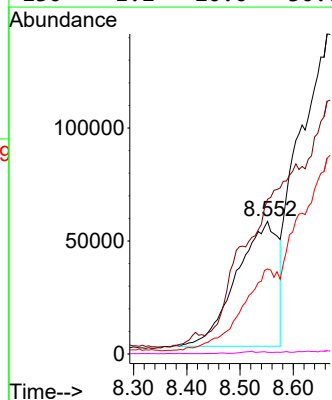
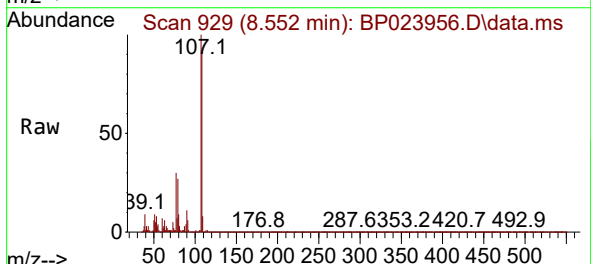
Instrument :
BNA_P
ClientSampleId :
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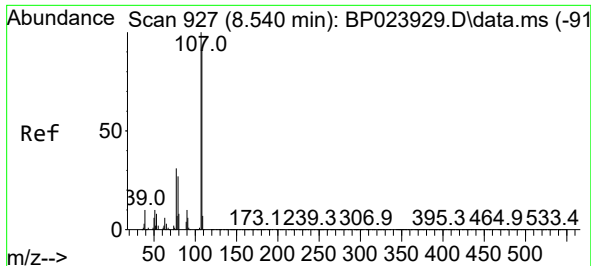
Tgt Ion:105 Resp: 226358
Ion Ratio Lower Upper
105 100
77 3227.6 58.6 87.8#
51 909.5 16.6 24.8#



#17
N-Nitroso-di-n-propylamine
Concen: 11.347 ng/ul
RT: 8.552 min Scan# 929
Delta R.T. -0.018 min
Lab File: BP023956.D
Acq: 06 Feb 2025 05:12

Tgt Ion: 70 Resp: 299252
Ion Ratio Lower Upper
70 100
42 116.5 36.2 54.4#
101 64.0 8.6 13.0#
130 1.2 20.0 30.0#

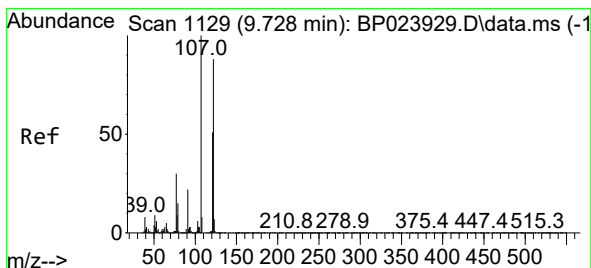
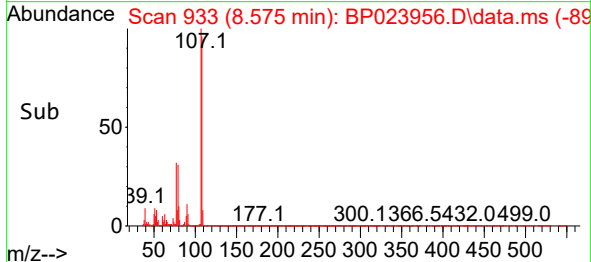
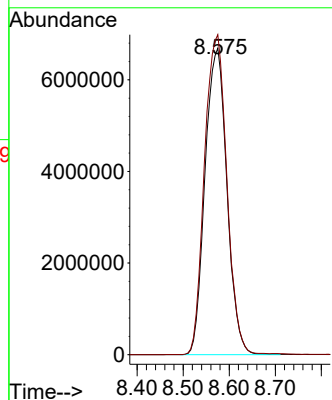
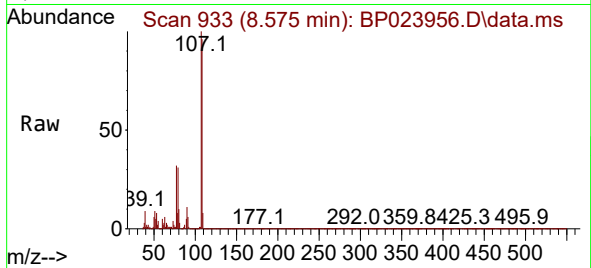




#18
4-Methylphenol
Concen: 574.909 ng/ul
RT: 8.575 min Scan# 91
Delta R.T. 0.041 min
Lab File: BP023956.D
Acq: 06 Feb 2025 05:12

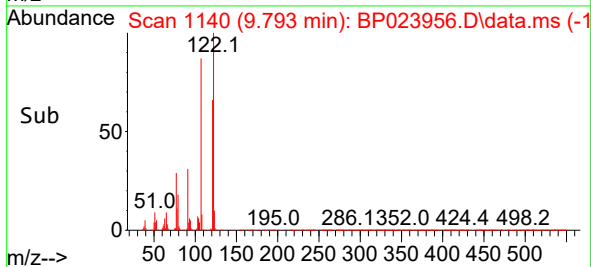
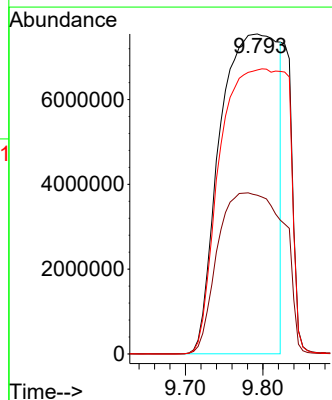
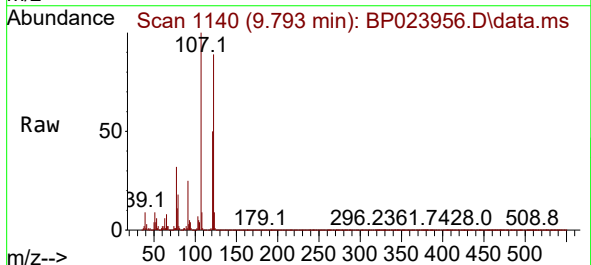
Instrument :
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ClientSampleId :
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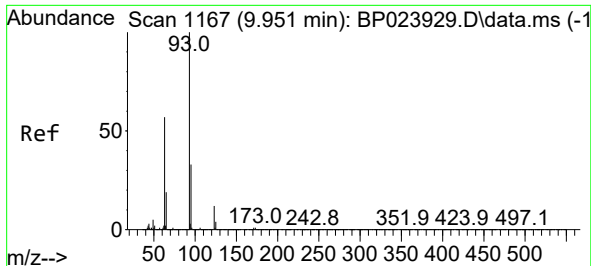
Tgt Ion:108 Resp:22101185
Ion Ratio Lower Upper
108 100
107 104.4 87.8 131.6



#26
2,4-Dimethylphenol
Concen: 92.026 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. 0.065 min
Lab File: BP023956.D
Acq: 06 Feb 2025 05:12

Tgt Ion:107 Resp:39066564
Ion Ratio Lower Upper
107 100
121 49.6 41.4 62.2
122 88.8 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 3.681 ng/ul

RT: 9.822 min Scan# 1145

Delta R.T. -0.129 min

Lab File: BP023956.D

Acq: 06 Feb 2025 05:12

Instrument :

BNA_P

ClientSampleId :

E29B3

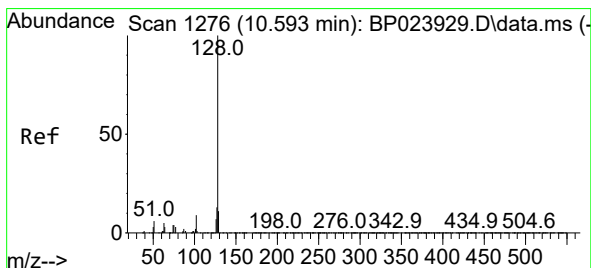
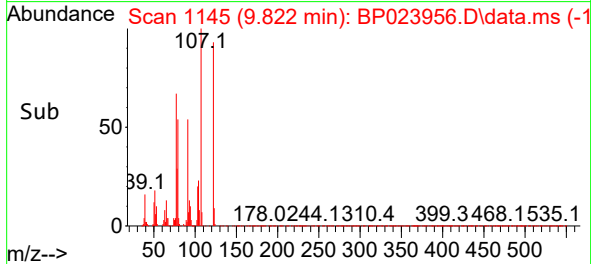
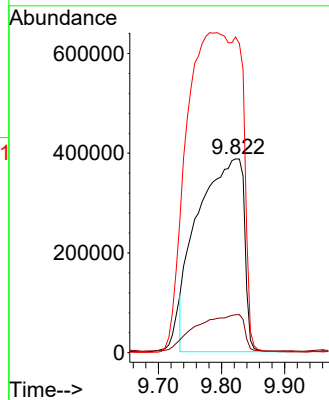
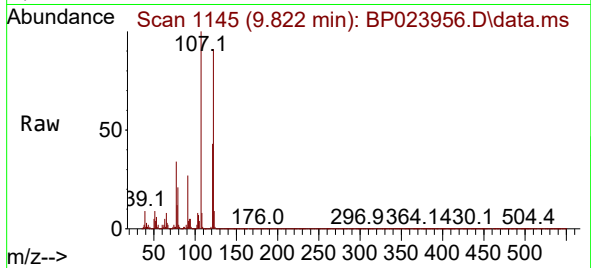
Tgt Ion: 93 Resp: 1957759

Ion Ratio Lower Upper

93 100

95 19.5 25.8 38.6#

123 162.9 9.7 14.5#



#30

Naphthalene

Concen: 3.166 ng/ul

RT: 10.610 min Scan# 1279

Delta R.T. 0.018 min

Lab File: BP023956.D

Acq: 06 Feb 2025 05:12

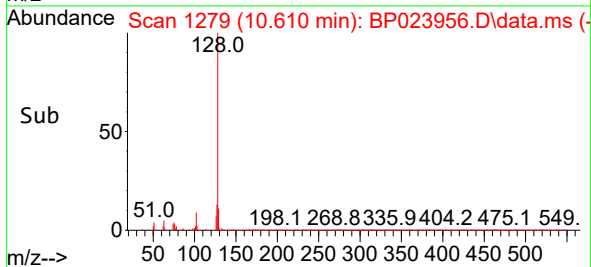
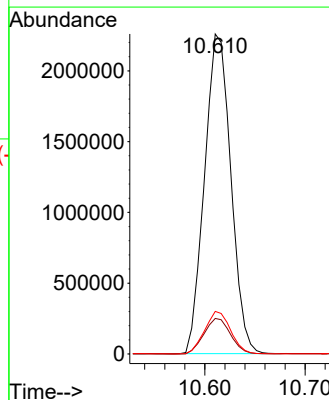
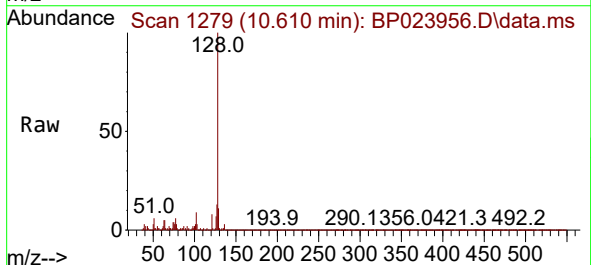
Tgt Ion:128 Resp: 4127665

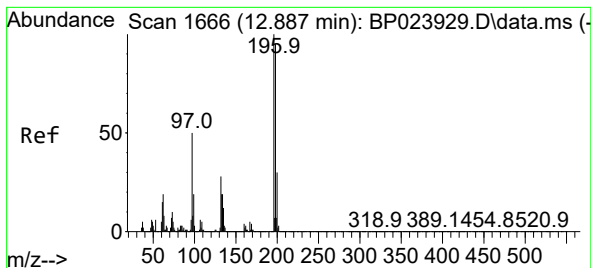
Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.3 10.5 15.7





#42

2,4,5-Trichlorophenol

Concen: 1.588 ng/ul

RT: 12.934 min Scan# 1

Delta R.T. 0.041 min

Lab File: BP023956.D

Acq: 06 Feb 2025 05:12

Instrument :

BNA_P

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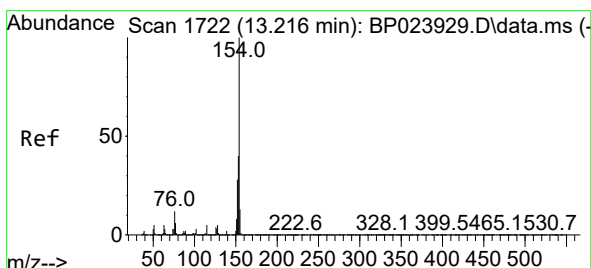
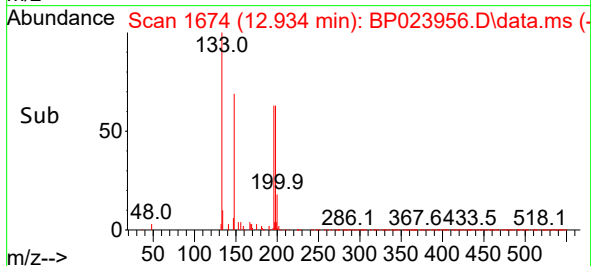
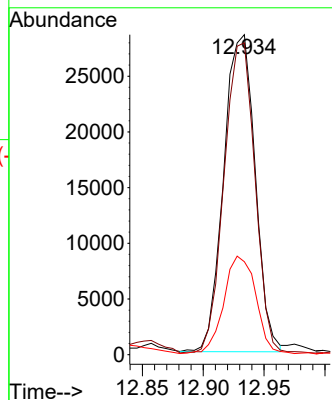
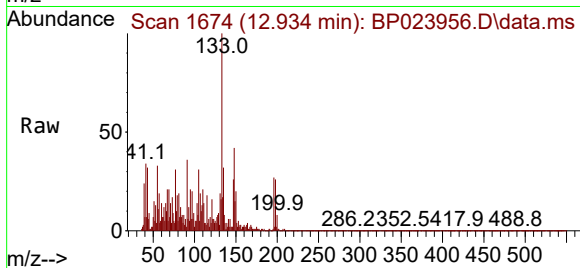
Tgt Ion:196 Resp: 51086

Ion Ratio Lower Upper

196 100

198 97.5 76.8 115.2

200 29.0 24.9 37.3



#43

1,1'-Biphenyl

Concen: 1.266 ng/ul

RT: 13.240 min Scan# 1726

Delta R.T. 0.024 min

Lab File: BP023956.D

Acq: 06 Feb 2025 05:12

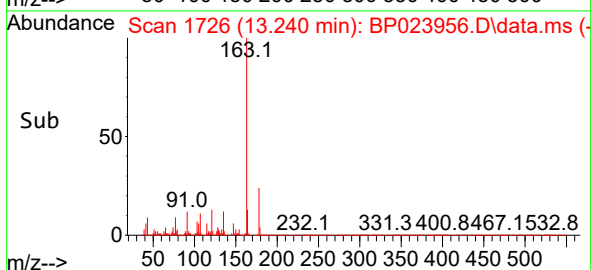
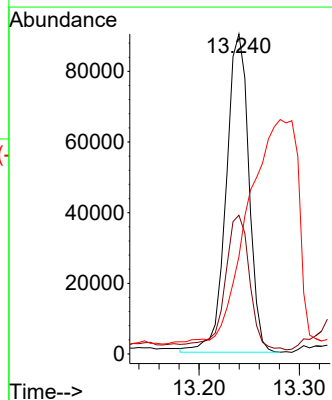
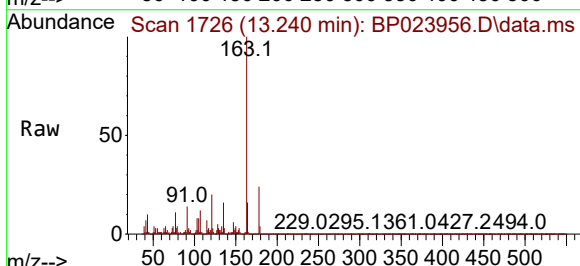
Tgt Ion:154 Resp: 141945

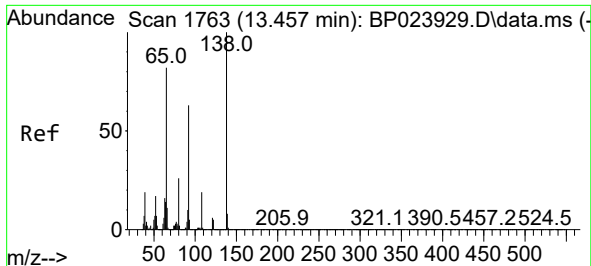
Ion Ratio Lower Upper

154 100

153 43.3 32.0 48.0

76 30.4 10.1 15.1#

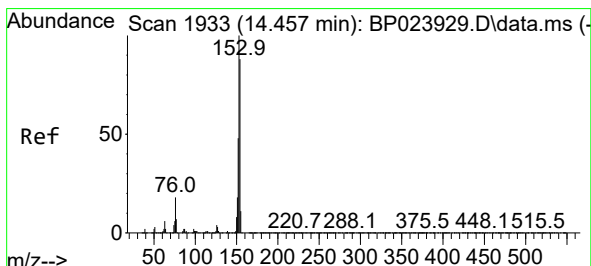
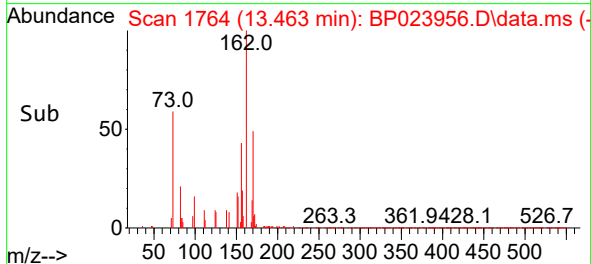
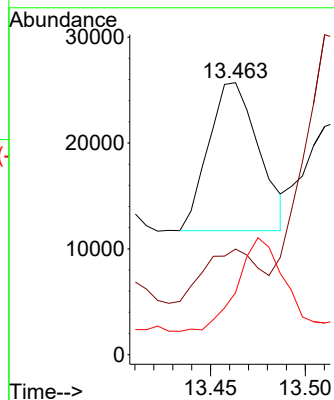
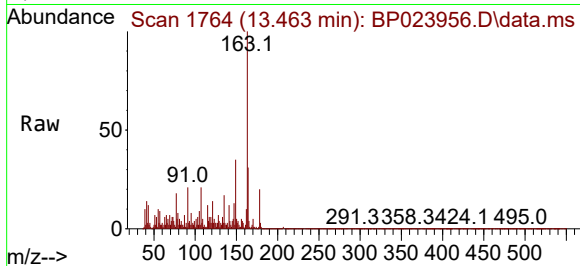




#45
2-Nitroaniline
Concen: 1.137 ng/ul
RT: 13.463 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BP023956.D
Acq: 06 Feb 2025 05:12

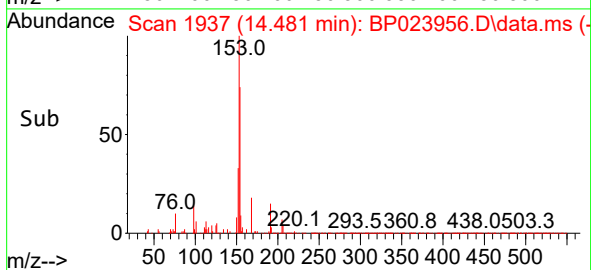
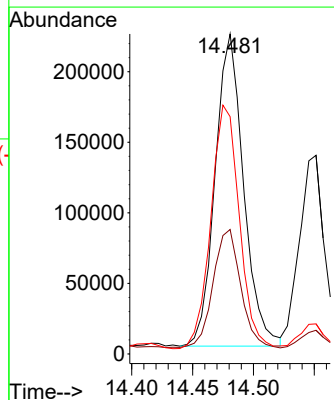
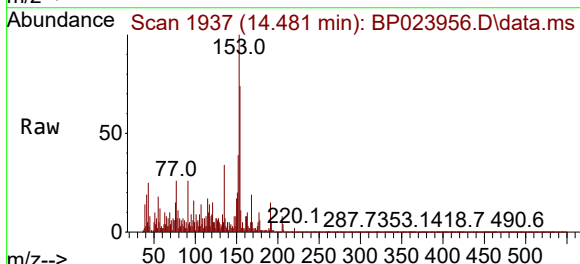
Instrument :
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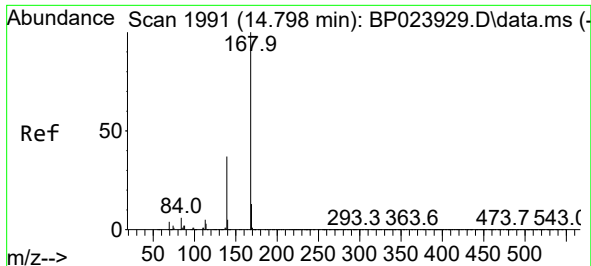
Tgt Ion: 65 Resp: 25852
Ion Ratio Lower Upper
65 100
92 38.8 62.9 94.3#
138 22.8 105.5 158.3#



#52
Acenaphthene
Concen: 3.745 ng/ul
RT: 14.481 min Scan# 1937
Delta R.T. 0.029 min
Lab File: BP023956.D
Acq: 06 Feb 2025 05:12

Tgt Ion: 153 Resp: 359464
Ion Ratio Lower Upper
153 100
152 38.9 38.2 57.4
154 74.1 71.2 106.8

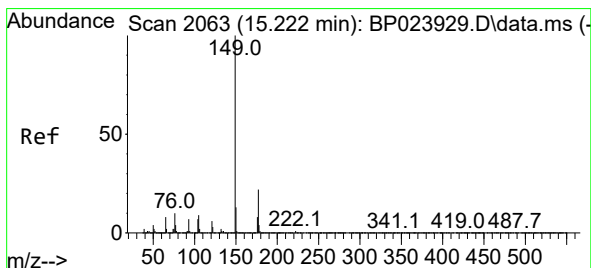
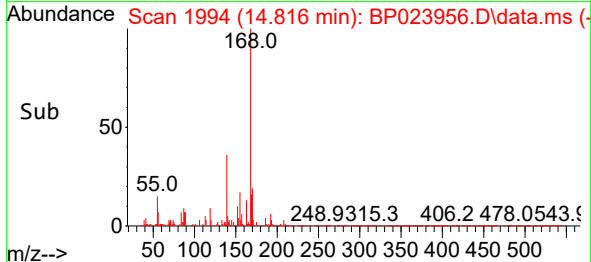
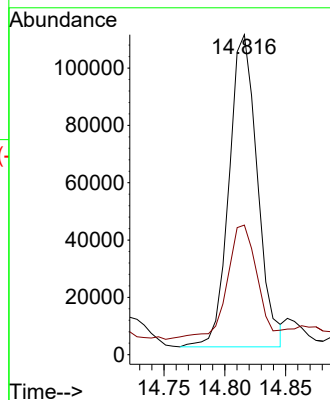
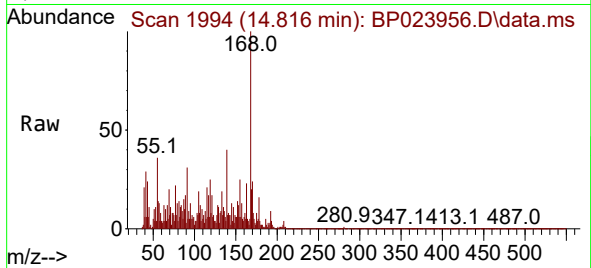




#56
Dibenzenofuran
Concen: 1.331 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. 0.024 min
Lab File: BP023956.D
Acq: 06 Feb 2025 05:12

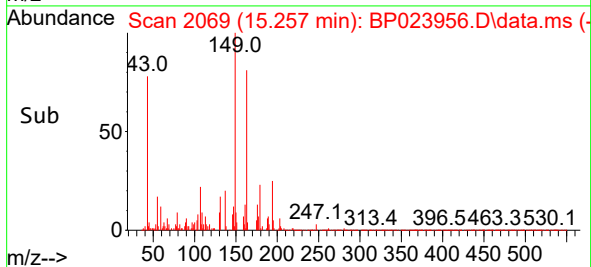
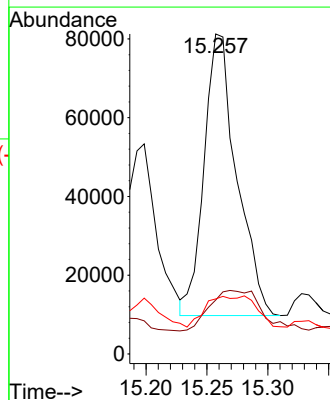
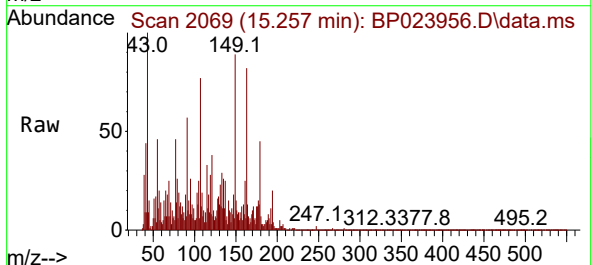
Instrument :
BNA_P
ClientSampleId :
E29B3

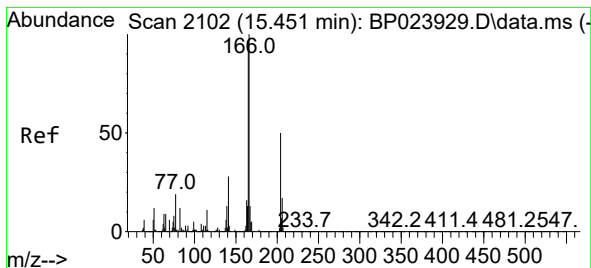
Tgt Ion:168 Resp: 177001
Ion Ratio Lower Upper
168 100
139 40.5 29.5 44.3



#59
Diethylphthalate
Concen: 1.189 ng/ul
RT: 15.257 min Scan# 2069
Delta R.T. 0.035 min
Lab File: BP023956.D
Acq: 06 Feb 2025 05:12

Tgt Ion:149 Resp: 133617
Ion Ratio Lower Upper
149 100
177 16.8 17.4 26.0#
150 17.2 9.9 14.9#





#61

Fluorene

Concen: 1.525 ng/ul

RT: 15.475 min Scan# 2106

Delta R.T. 0.024 min

Lab File: BP023956.D

Acq: 06 Feb 2025 05:12

Instrument :

BNA_P

ClientSampleId :

E29B3

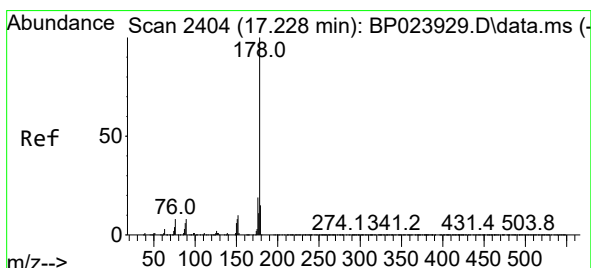
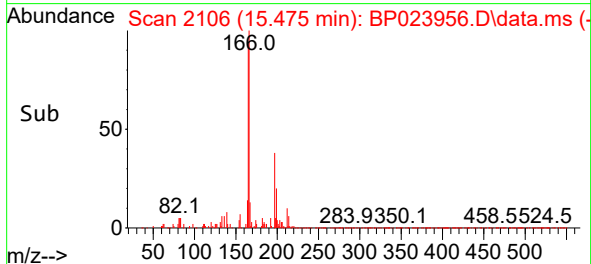
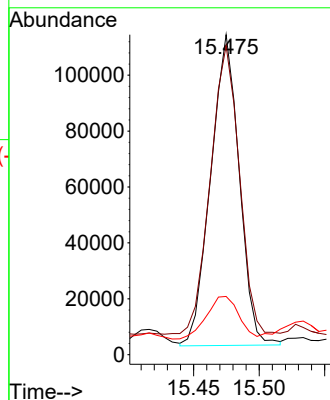
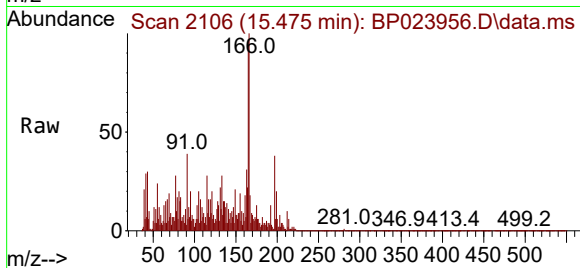
Tgt Ion:166 Resp: 168233

Ion Ratio Lower Upper

166 100

165 96.6 77.9 116.9

167 18.2 10.6 16.0#



#72

Phenanthrene

Concen: 2.511 ng/ul

RT: 17.239 min Scan# 2406

Delta R.T. 0.012 min

Lab File: BP023956.D

Acq: 06 Feb 2025 05:12

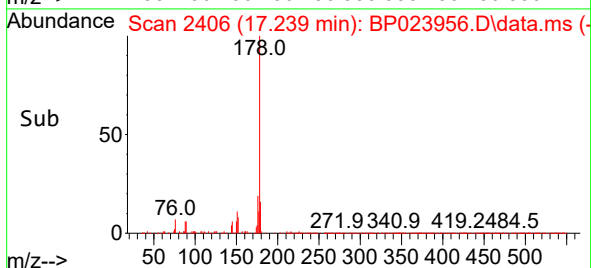
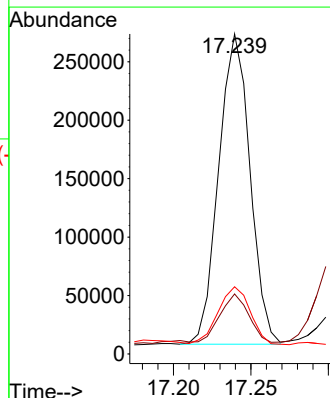
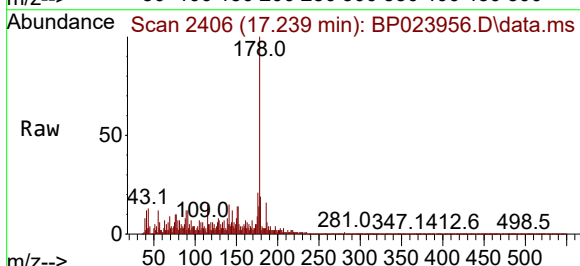
Tgt Ion:178 Resp: 372554

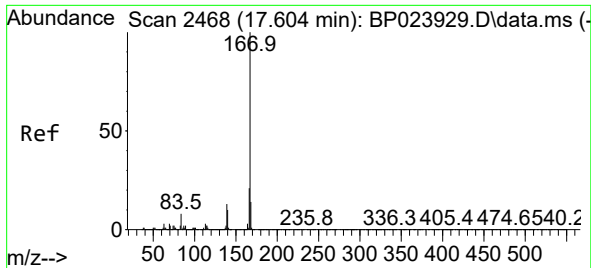
Ion Ratio Lower Upper

178 100

179 18.7 12.2 18.4#

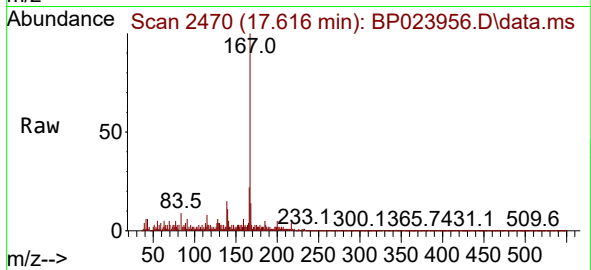
176 21.0 15.6 23.4





#77
 Carbazole
 Concen: 6.651 ng/ul
 RT: 17.616 min Scan# 24
 Delta R.T. 0.018 min
 Lab File: BP023956.D
 Acq: 06 Feb 2025 05:12

Instrument :
 BNA_P
 ClientSampleId :
 E29B3



Tgt Ion:167 Resp: 871775
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 14.8 10.2 15.4

