

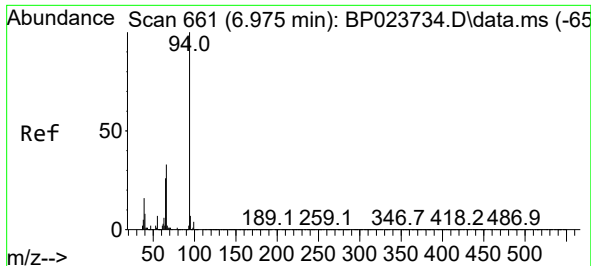
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023742.D
 Acq On : 27 Jan 2025 15:51
 Operator : RC/JU
 Sample : Q1174-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2939

Quant Time: Jan 27 22:00:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 27 21:53:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	646296	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	10182263	20.000	ng/ul	#-0.05
38) Acenaphthene-d10	14.434	164	1846576	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.234	188	3369292	20.000	ng/ul	0.02
79) Chrysene-d12	21.686	240	3474154	20.000	ng/ul	0.01
88) Perylene-d12	25.080	264	3731353	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	73898	4.605	ng/uL	0.00
4) Pyridine-d5	3.764	84	110953	2.396	ng/ul	0.06
7) Phenol-d5	6.975	99	563185	10.298	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	949045	30.724	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	1314468	31.617	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	1014767	23.598	ng/ul	0.03
21) Nitrobenzene-d5	8.940	128	736417	9.599	ng/ul	0.01
24) 2-Nitrophenol-d4	9.658	143	792164	11.263	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.210	165	1326245	8.971	ng/ul	0.03
31) 4-Chloroaniline-d4	10.640	131	5573	0.024	ng/ul	-0.05
46) Dimethylphthalate-d6	13.857	166	4115171	30.987	ng/ul	0.04
49) Acenaphthylene-d8	14.122	160	5013525	32.619	ng/ul	0.02
54) 4-Nitrophenol-d4	14.640	143	275485	10.324	ng/ul	0.05
60) Fluorene-d10	15.440	176	3650695	32.114	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.546	200	698423	42.094	ng/ul	0.02
73) Anthracene-d10	17.328	188	5719962	35.362	ng/ul	0.00
81) Pyrene-d10	19.704	212	6473312	36.618	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.851	264	6728720	36.028	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.005	94	11924348	208.383	ng/ul	97
13) 2-Methylphenol	8.234	108	823175	19.823	ng/ul	98
16) Acetophenone	8.575	105	142096	2.058	ng/ul#	1
18) 4-Methylphenol	8.575	108	14840038	321.419	ng/ul	88
26) 2,4-Dimethylphenol	9.552	107	8783328	51.321	ng/ul#	43
27) Bis(2-Chloroethoxy)met...	9.828	93	2078974	9.411	ng/ul#	1
42) 2,4,5-Trichlorophenol	12.928	196	188728	5.299	ng/ul	97
45) 2-Nitroaniline	13.481	65	71387	2.779	ng/ul#	53
52) Acenaphthene	14.498	153	284574	2.415	ng/ul#	82
59) Diethylphthalate	15.281	149	248357	1.894	ng/ul#	80
61) Fluorene	15.493	166	139847	1.036	ng/ul#	92
62) 4-Chlorophenyl-phenyle...	15.469	204	120897	1.829	ng/ul#	59
66) 4,6-Dinitro-2-methylph...	15.557	198	19189	1.028	ng/ul#	1
72) Phenanthrene	17.269	178	378782	1.990	ng/ul#	91
77) Carbazole	17.645	167	630624	3.797	ng/ul#	95

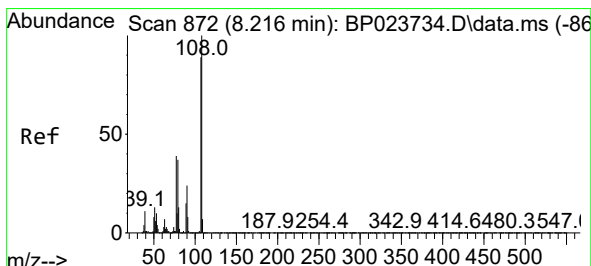
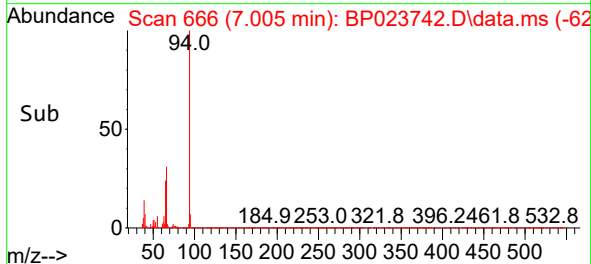
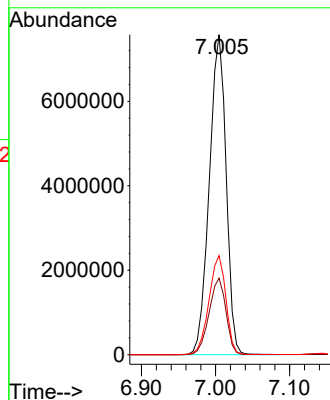
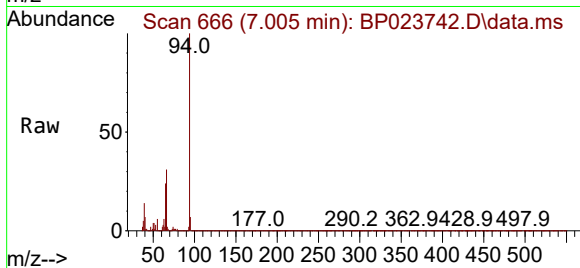
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Phenol
Concen: 208.383 ng/ul
RT: 7.005 min Scan# 61
Delta R.T. 0.030 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

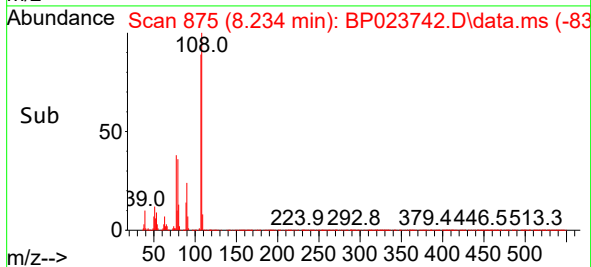
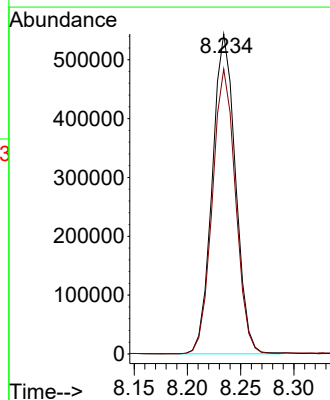
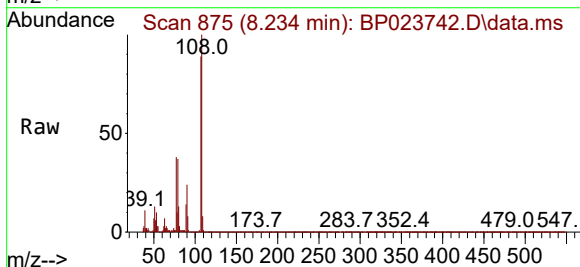
Instrument :
BNA_P
ClientSampleId :
E2939

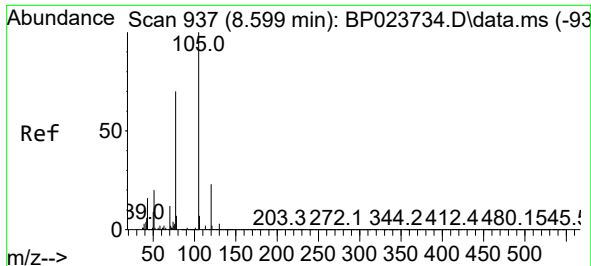
Tgt Ion: 94 Resp:11924348
Ion Ratio Lower Upper
94 100
65 23.9 20.2 30.2
66 30.9 26.0 39.0



#13
2-Methylphenol
Concen: 19.823 ng/ul
RT: 8.234 min Scan# 875
Delta R.T. 0.018 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

Tgt Ion:108 Resp: 823175
Ion Ratio Lower Upper
108 100
107 89.1 69.6 104.4

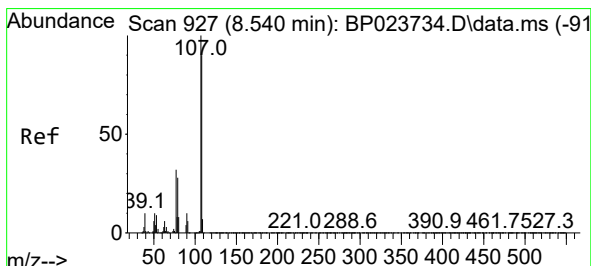
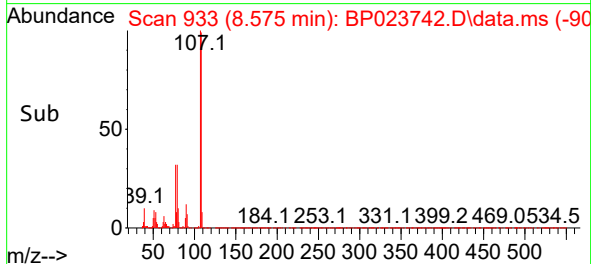
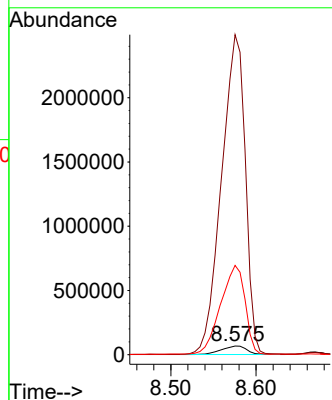
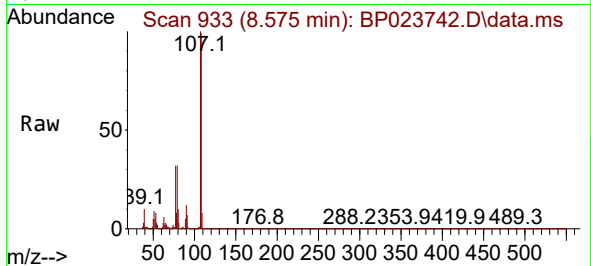




#16
Acetophenone
Concen: 2.058 ng/ul
RT: 8.575 min Scan# 91
Delta R.T. -0.023 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

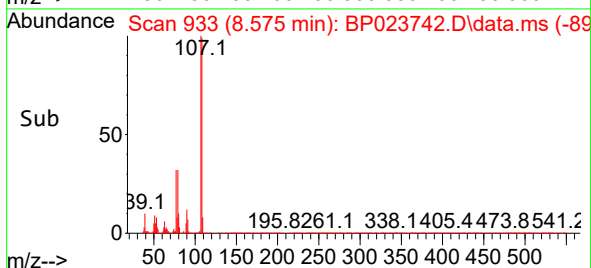
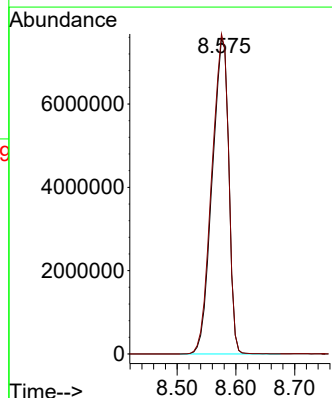
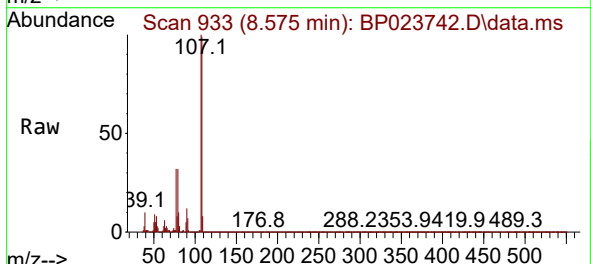
Instrument :
BNA_P
ClientSampleId :
E2939

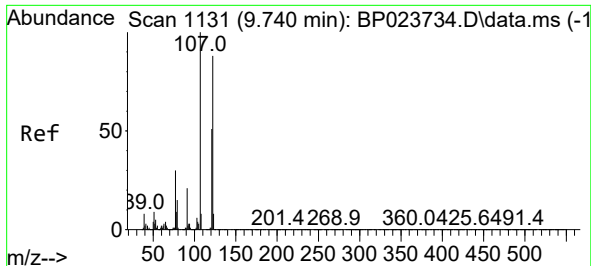
Tgt Ion:105 Resp: 142096
Ion Ratio Lower Upper
105 100
77 3707.1 58.1 87.1#
51 1035.2 16.4 24.6#



#18
4-Methylphenol
Concen: 321.419 ng/ul
RT: 8.575 min Scan# 933
Delta R.T. 0.035 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

Tgt Ion:108 Resp:14840038
Ion Ratio Lower Upper
108 100
107 101.4 91.2 136.8

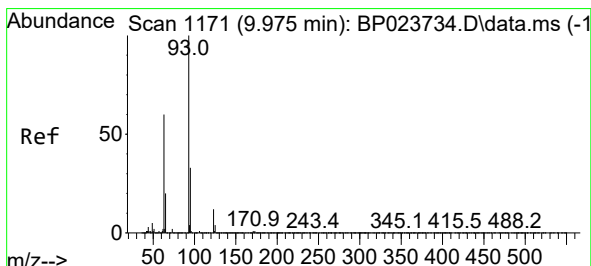
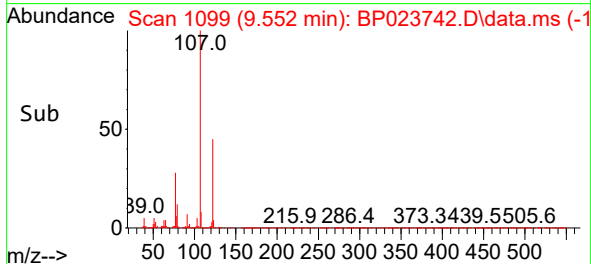
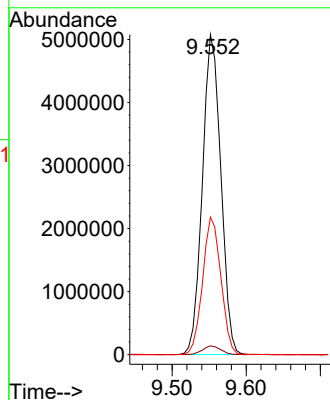
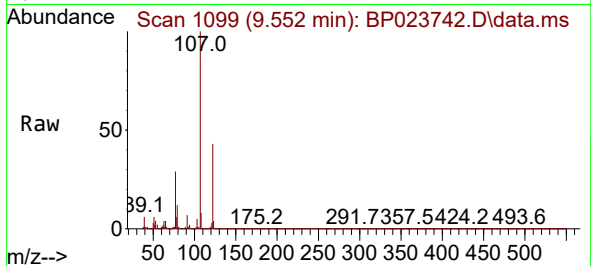




#26
2,4-Dimethylphenol
Concen: 51.321 ng/ul
RT: 9.552 min Scan# 1109
Delta R.T. -0.188 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

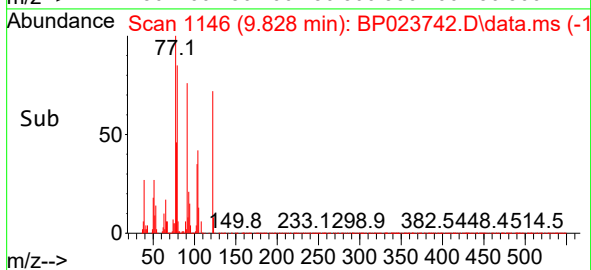
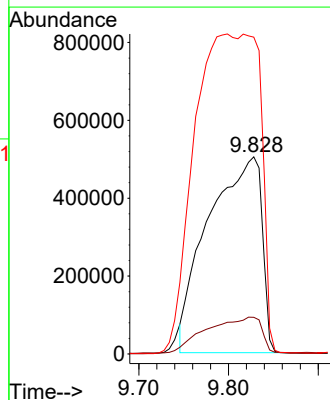
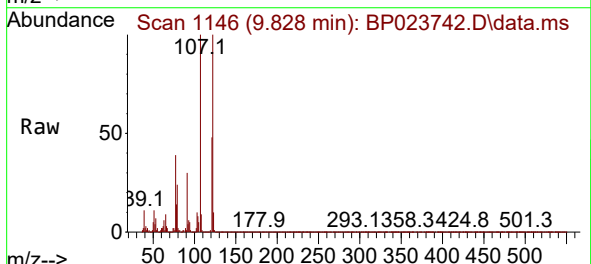
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ClientSampleId :
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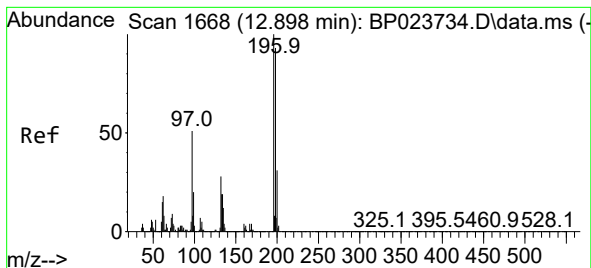
Tgt Ion:107 Resp: 8783328
Ion Ratio Lower Upper
107 100
121 2.8 42.0 63.0#
122 43.0 70.2 105.4#



#27
Bis(2-Chloroethoxy)methane
Concen: 9.411 ng/ul
RT: 9.828 min Scan# 1146
Delta R.T. -0.147 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

Tgt Ion: 93 Resp: 2078974
Ion Ratio Lower Upper
93 100
95 18.6 25.8 38.8#
123 160.6 9.4 14.2#





#42

2,4,5-Trichlorophenol

Concen: 5.299 ng/ul

RT: 12.928 min Scan# 1

Delta R.T. 0.030 min

Lab File: BP023742.D

Acq: 27 Jan 2025 15:51

Instrument :

BNA_P

ClientSampleId :

E2939

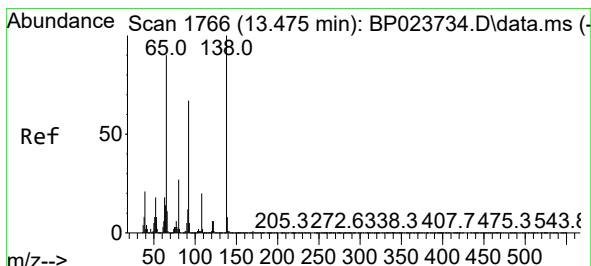
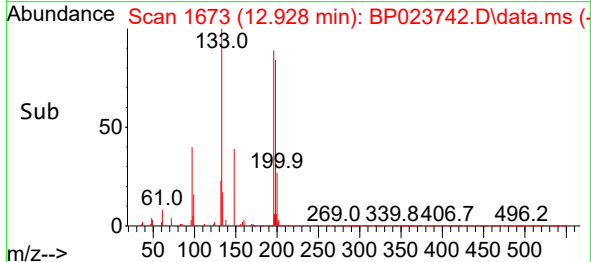
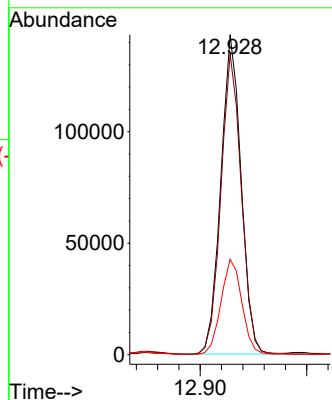
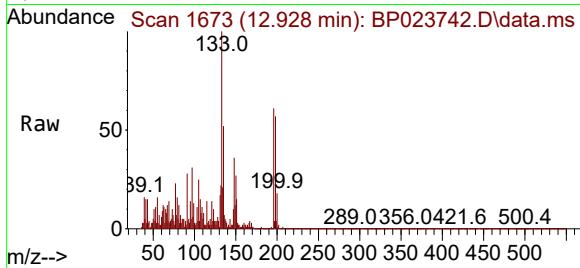
Tgt Ion:196 Resp: 188728

Ion Ratio Lower Upper

196 100

198 93.9 77.4 116.2

200 29.8 25.0 37.4



#45

2-Nitroaniline

Concen: 2.779 ng/ul

RT: 13.481 min Scan# 1767

Delta R.T. 0.006 min

Lab File: BP023742.D

Acq: 27 Jan 2025 15:51

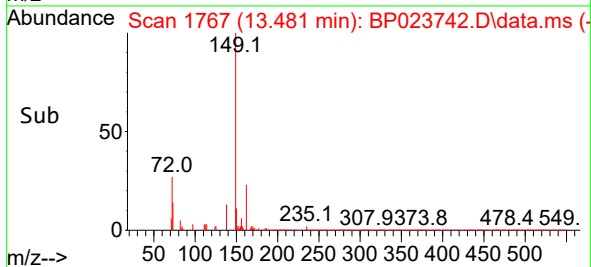
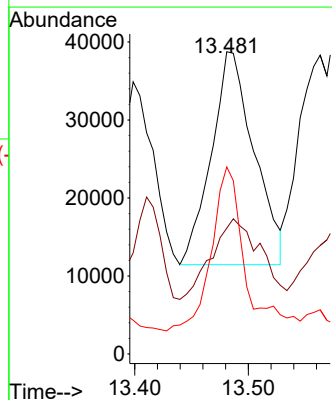
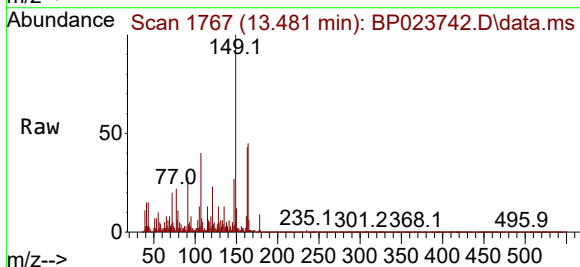
Tgt Ion: 65 Resp: 71387

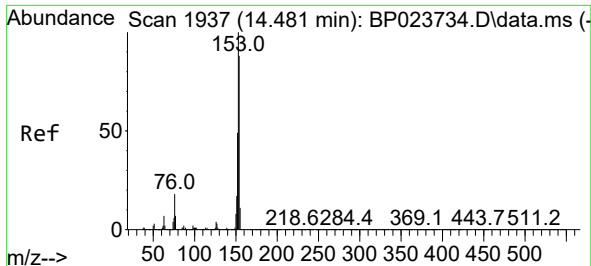
Ion Ratio Lower Upper

65 100

92 41.6 61.0 91.4#

138 61.9 94.2 141.2#

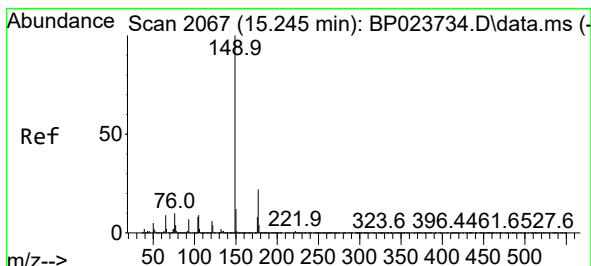
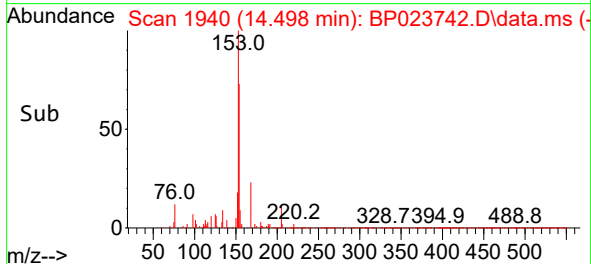
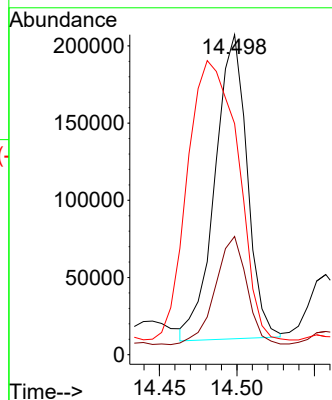
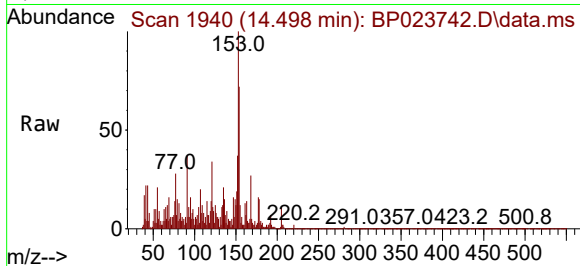




#52
Acenaphthene
Concen: 2.415 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. 0.018 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

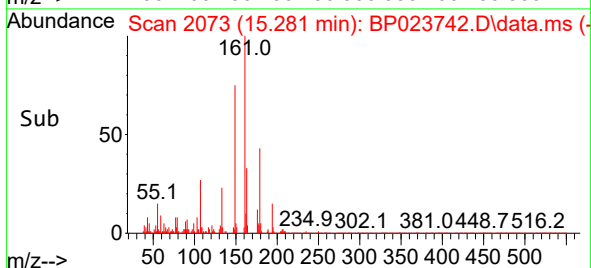
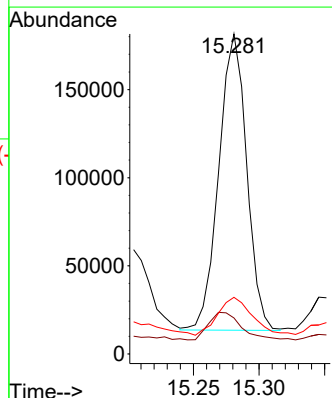
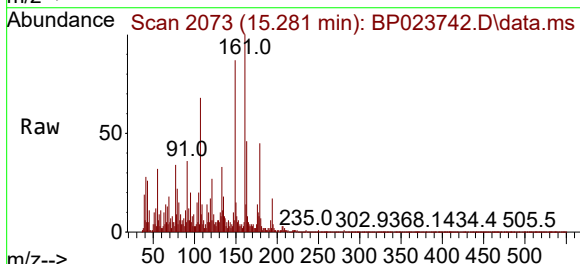
Instrument :
BNA_P
ClientSampleId :
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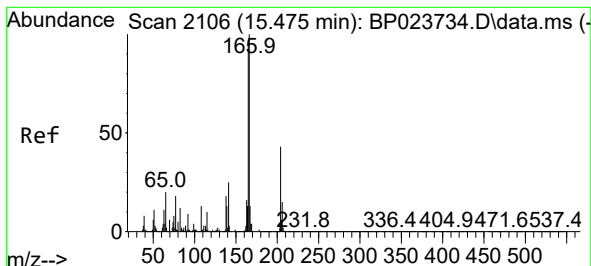
Tgt Ion:153 Resp: 284574
Ion Ratio Lower Upper
153 100
152 36.9 39.1 58.7#
154 72.2 71.4 107.0



#59
Diethylphthalate
Concen: 1.894 ng/ul
RT: 15.281 min Scan# 2073
Delta R.T. 0.035 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

Tgt Ion:149 Resp: 248357
Ion Ratio Lower Upper
149 100
177 11.3 17.7 26.5#
150 17.7 9.8 14.6#





#61

Fluorene

Concen: 1.036 ng/ul

RT: 15.493 min Scan# 2105

Delta R.T. 0.018 min

Lab File: BP023742.D

Acq: 27 Jan 2025 15:51

Instrument :

BNA_P

ClientSampleId :

E2939

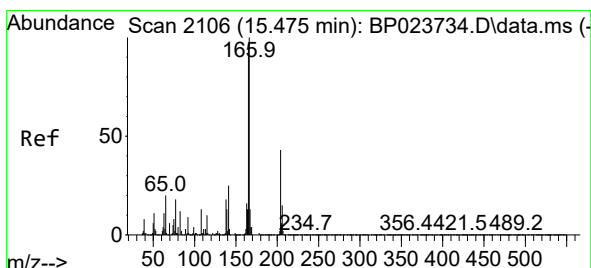
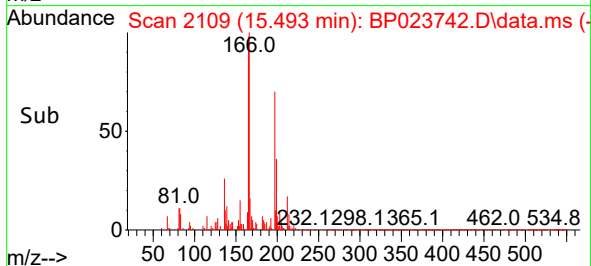
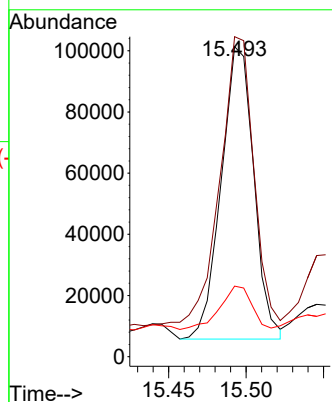
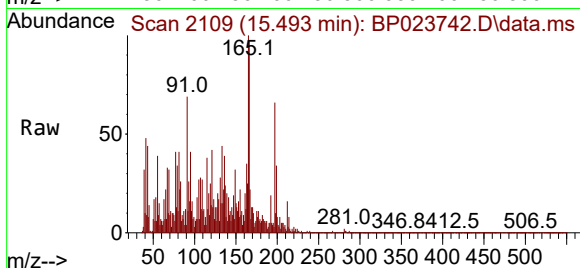
Tgt Ion:166 Resp: 139847

Ion Ratio Lower Upper

166 100

165 103.2 77.8 116.8

167 22.8 10.6 16.0#



#62

4-Chlorophenyl-phenylether

Concen: 1.829 ng/ul

RT: 15.469 min Scan# 2105

Delta R.T. -0.006 min

Lab File: BP023742.D

Acq: 27 Jan 2025 15:51

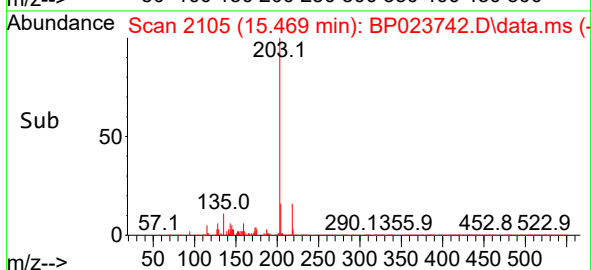
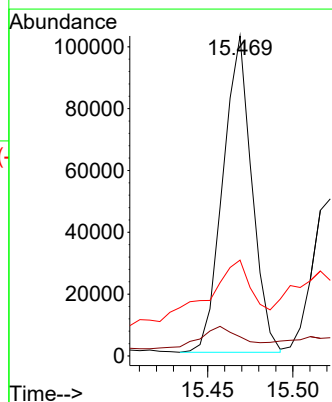
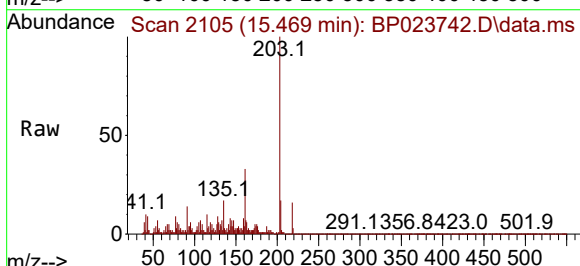
Tgt Ion:204 Resp: 120897

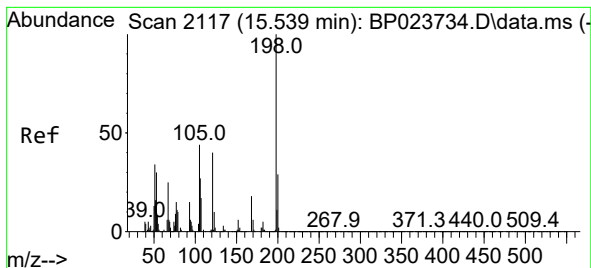
Ion Ratio Lower Upper

204 100

206 6.0 26.2 39.2#

141 30.0 45.4 68.2#

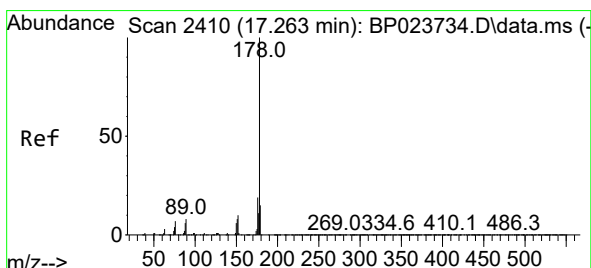
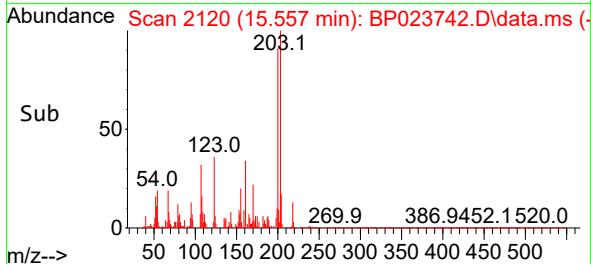
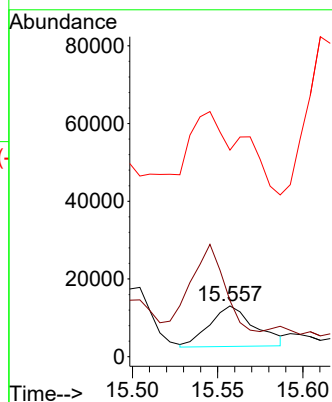
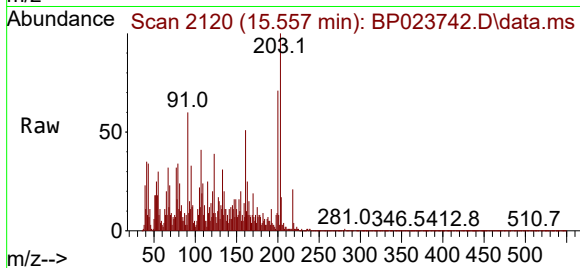




#66
4,6-Dinitro-2-methylphenol
Concen: 1.028 ng/ul
RT: 15.557 min Scan# 2117
Delta R.T. 0.018 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

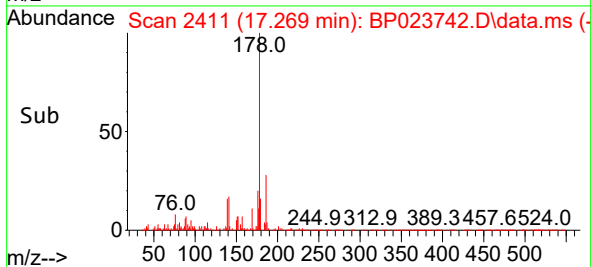
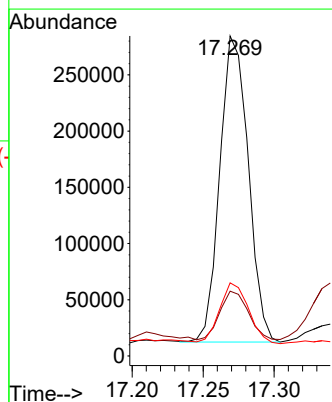
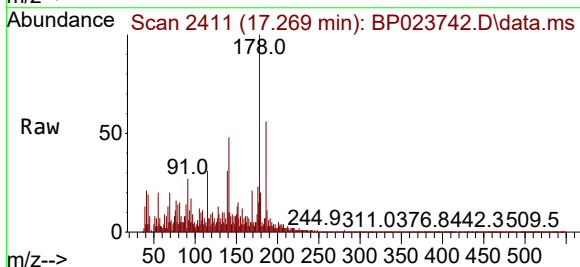
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ClientSampleId :
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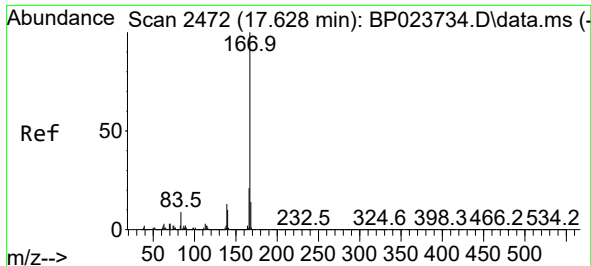
Tgt Ion:198 Resp: 19189
Ion Ratio Lower Upper
198 100
182 110.4 3.9 5.9#
77 406.9 20.3 30.5#



#72
Phenanthrene
Concen: 1.990 ng/ul
RT: 17.269 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BP023742.D
Acq: 27 Jan 2025 15:51

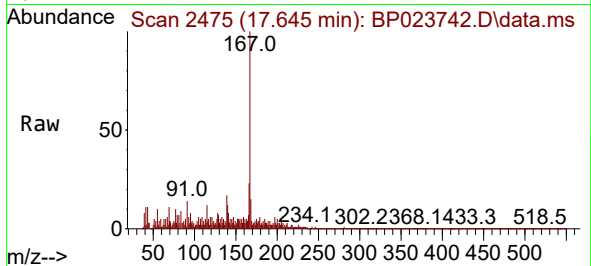
Tgt Ion:178 Resp: 378782
Ion Ratio Lower Upper
178 100
179 20.3 12.5 18.7#
176 22.8 15.7 23.5





#77
 Carbazole
 Concen: 3.797 ng/ul
 RT: 17.645 min Scan# 2475
 Delta R.T. 0.018 min
 Lab File: BP023742.D
 Acq: 27 Jan 2025 15:51

Instrument :
 BNA_P
 ClientSampleId :
 E2939



Tgt Ion:167 Resp: 630624
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.4 26.0
 139 16.5 10.6 15.8#

