

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023737.D
 Acq On : 27 Jan 2025 12:28
 Operator : RC/JU
 Sample : Q1174-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2931

Quant Time: Jan 27 21:59:28 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

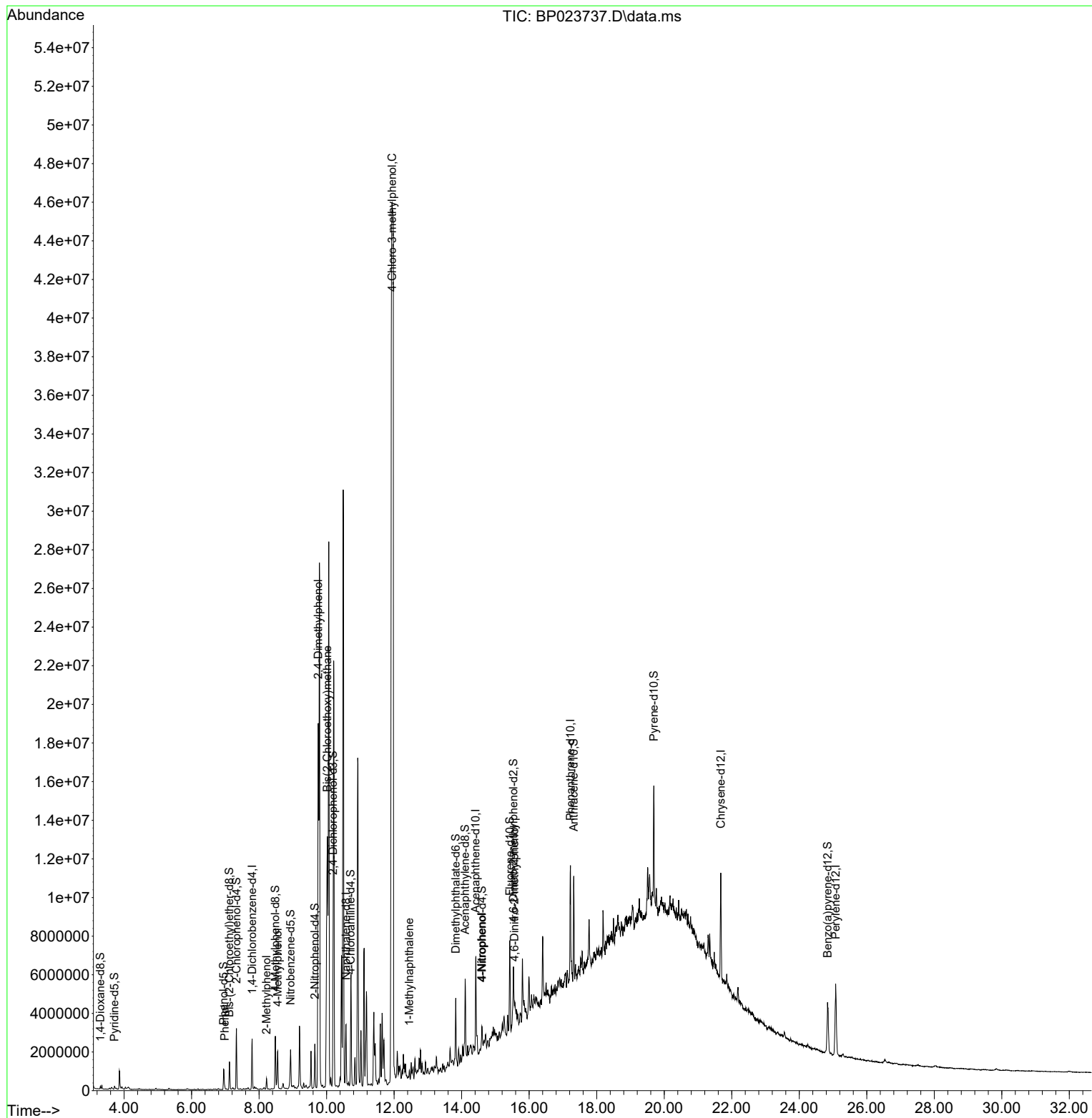
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	696235	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	2866585	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	1863025	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	3517280	20.000	ng/ul	0.00
79) Chrysene-d12	21.674	240	3474444	20.000	ng/ul	0.00
88) Perylene-d12	25.080	264	3751051	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	71348	4.127	ng/uL	0.00
4) Pyridine-d5	3.717	84	105183	2.109	ng/ul	0.01
7) Phenol-d5	6.952	99	616867	10.471	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	622234	18.699	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	1411673	31.520	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	1043826	22.532	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	387417	17.938	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	729763	36.856	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	1394219	33.499	ng/ul	0.01
31) 4-Chloroaniline-d4	10.710	131	335018	5.033	ng/ul	0.02
46) Dimethylphthalate-d6	13.828	166	2286099	17.062	ng/ul	0.01
49) Acenaphthylene-d8	14.104	160	2641287	17.033	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	238127	8.845	ng/ul	0.01
60) Fluorene-d10	15.428	176	1936040	16.880	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	533478	30.800	ng/ul	0.00
73) Anthracene-d10	17.322	188	2927786	17.338	ng/ul	0.00
81) Pyrene-d10	19.692	212	3226403	18.249	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.839	264	2710003	14.434	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.981	94	96119	1.559	ng/ul	97
13) 2-Methylphenol	8.222	108	184479	4.124	ng/ul	99
18) 4-Methylphenol	8.552	108	803634	16.157	ng/ul	88
26) 2,4-Dimethylphenol	9.752	107	8068974	167.470	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	171076	2.751	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.940	107	17050748	382.540	ng/ul#	18
37) 1-Methylnaphthalene	12.451	142	179077	1.720	ng/ul#	97
55) 4-Nitrophenol	14.598	109	30294	1.533	ng/ul#	16
66) 4,6-Dinitro-2-methylph...	15.563	198	74404	3.820	ng/ul#	1

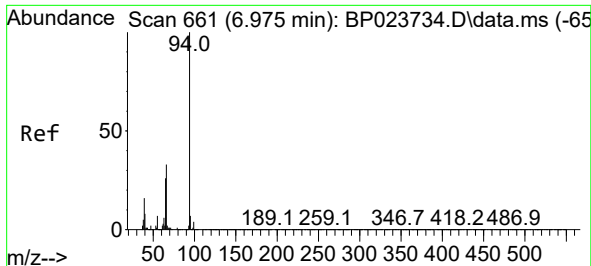
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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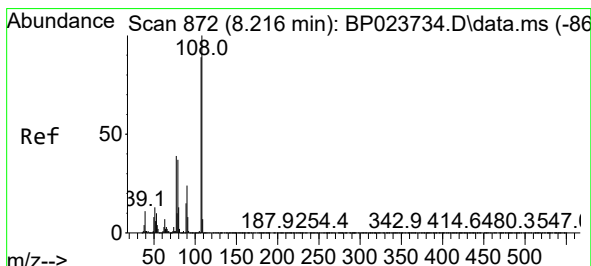
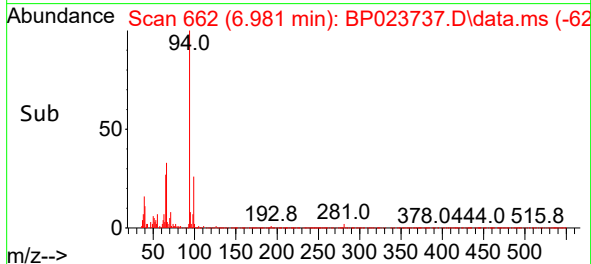
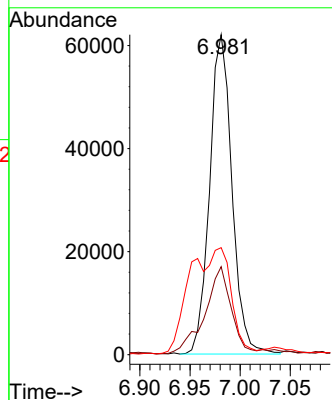
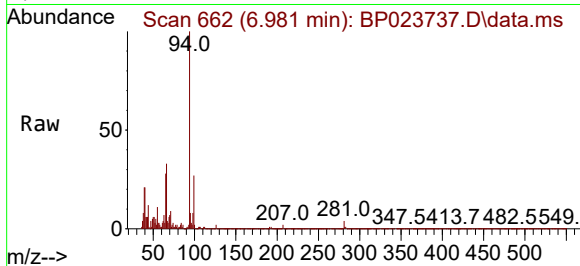




#8
Phenol
Concen: 1.559 ng/ul
RT: 6.981 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP023737.D
Acq: 27 Jan 2025 12:28

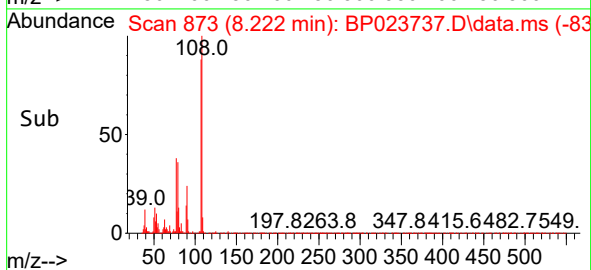
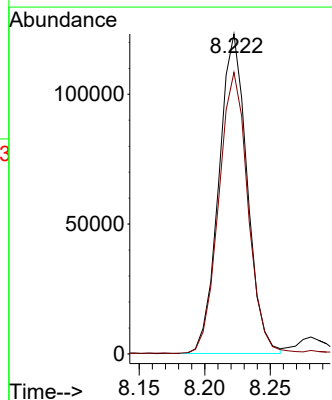
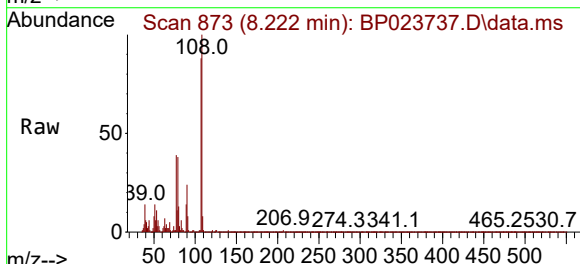
Instrument :
BNA_P
ClientSampleId :
E2931

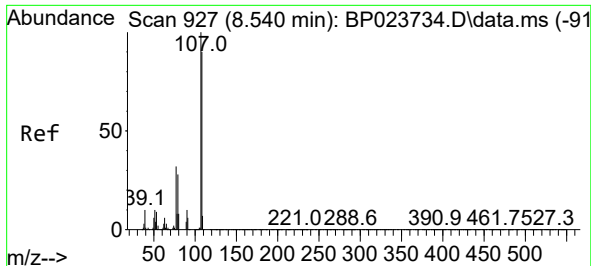
Tgt Ion: 94 Resp: 96119
Ion Ratio Lower Upper
94 100
65 27.5 20.2 30.2
66 33.4 26.0 39.0



#13
2-Methylphenol
Concen: 4.124 ng/ul
RT: 8.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BP023737.D
Acq: 27 Jan 2025 12:28

Tgt Ion:108 Resp: 184479
Ion Ratio Lower Upper
108 100
107 88.0 69.6 104.4

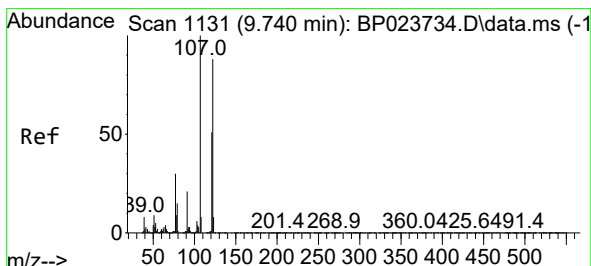
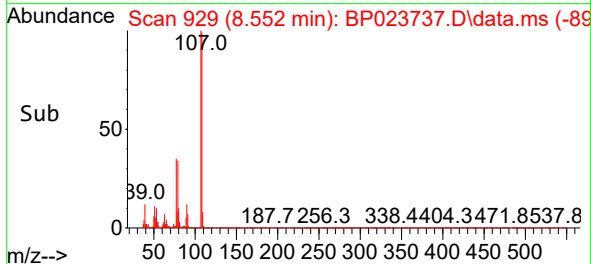
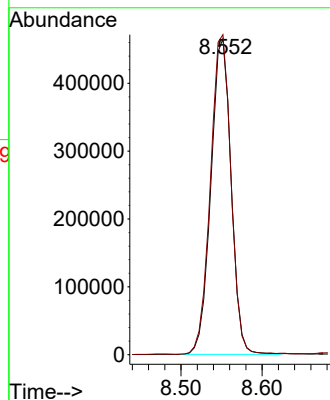
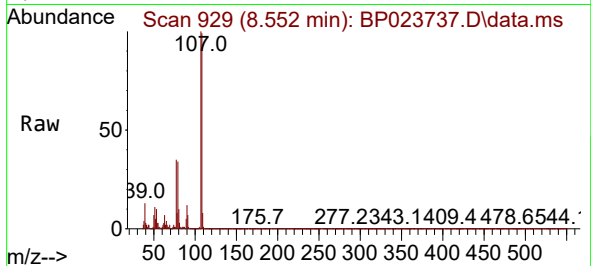




#18
4-Methylphenol
Concen: 16.157 ng/ul
RT: 8.552 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP023737.D
Acq: 27 Jan 2025 12:28

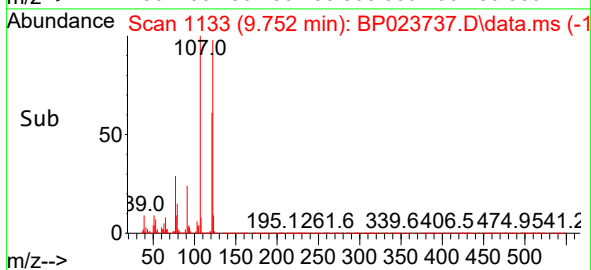
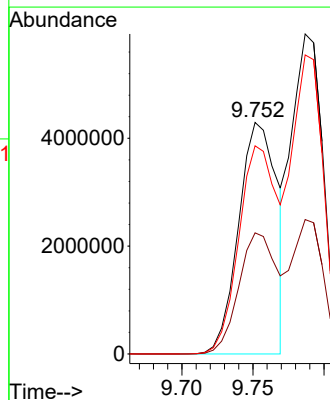
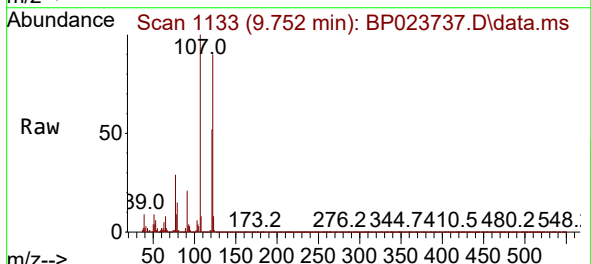
Instrument :
BNA_P
ClientSampleId :
E2931

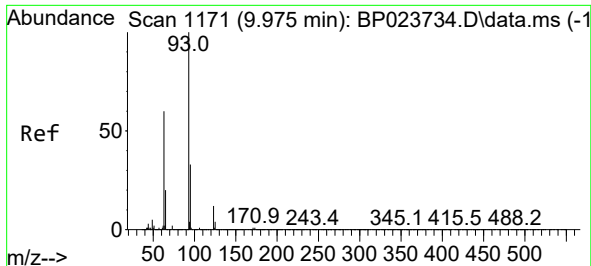
Tgt Ion:108 Resp: 803634
Ion Ratio Lower Upper
108 100
107 101.3 91.2 136.8



#26
2,4-Dimethylphenol
Concen: 167.470 ng/ul
RT: 9.752 min Scan# 1133
Delta R.T. 0.012 min
Lab File: BP023737.D
Acq: 27 Jan 2025 12:28

Tgt Ion:107 Resp: 8068974
Ion Ratio Lower Upper
107 100
121 52.3 42.0 63.0
122 89.9 70.2 105.4





#27

Bis(2-Chloroethoxy)methane

Concen: 2.751 ng/ul

RT: 10.022 min Scan# 11

Delta R.T. 0.047 min

Lab File: BP023737.D

Acq: 27 Jan 2025 12:28

Instrument :

BNA_P

ClientSampleId :

E2931

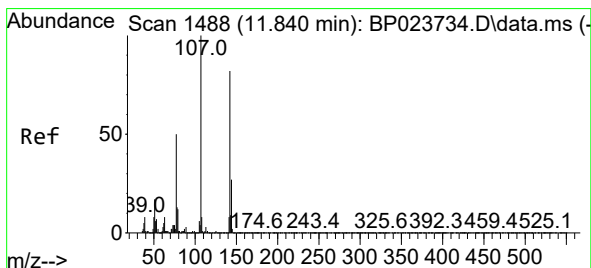
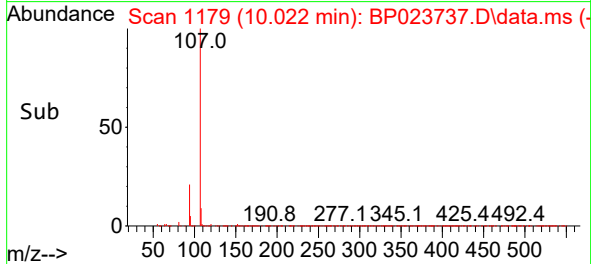
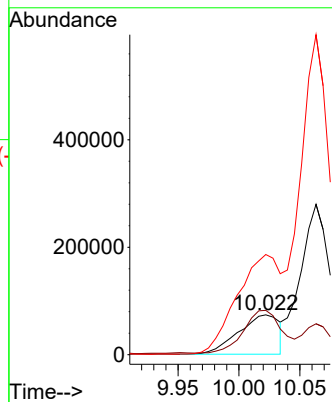
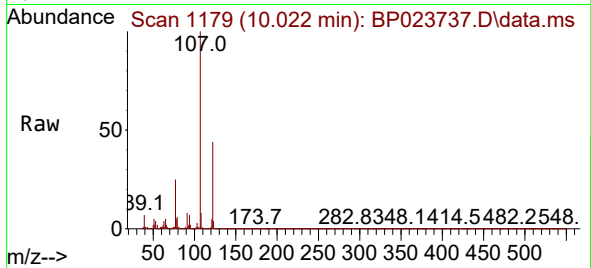
Tgt Ion: 93 Resp: 171076

Ion Ratio Lower Upper

93 100

95 111.6 25.8 38.8#

123 251.8 9.4 14.2#



#35

4-Chloro-3-methylphenol

Concen: 382.540 ng/ul

RT: 11.940 min Scan# 1505

Delta R.T. 0.100 min

Lab File: BP023737.D

Acq: 27 Jan 2025 12:28

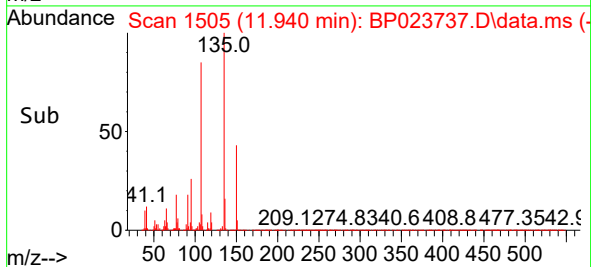
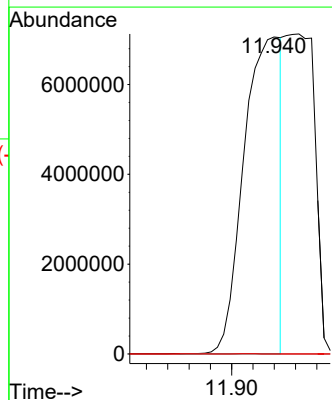
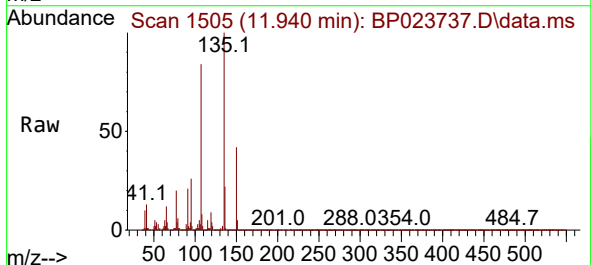
Tgt Ion:107 Resp:17050748

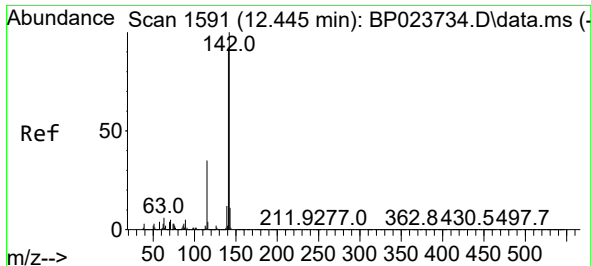
Ion Ratio Lower Upper

107 100

144 0.0 21.3 31.9#

142 0.0 65.5 98.3#

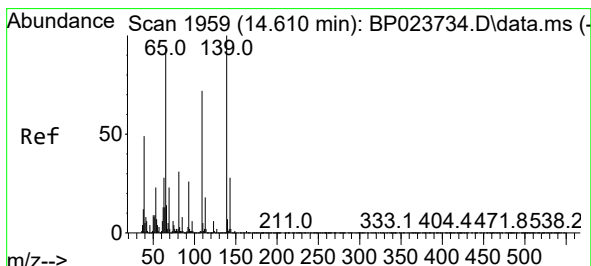
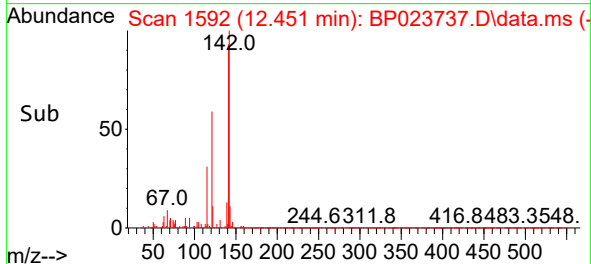
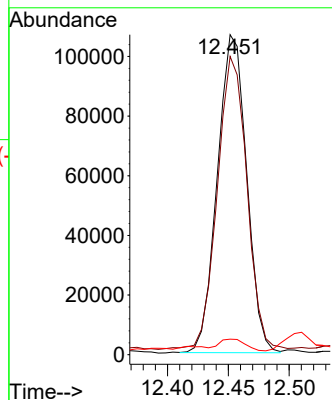
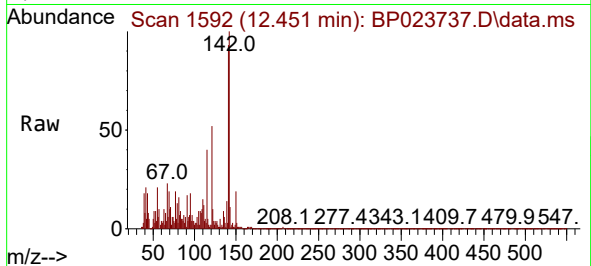




#37
1-Methylnaphthalene
Concen: 1.720 ng/ul
RT: 12.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP023737.D
Acq: 27 Jan 2025 12:28

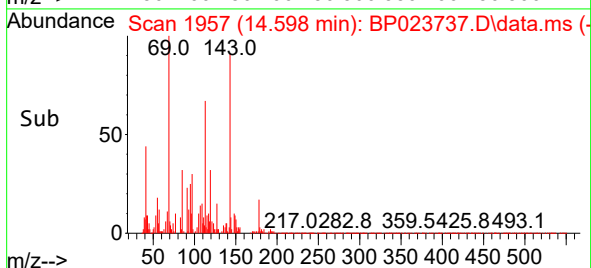
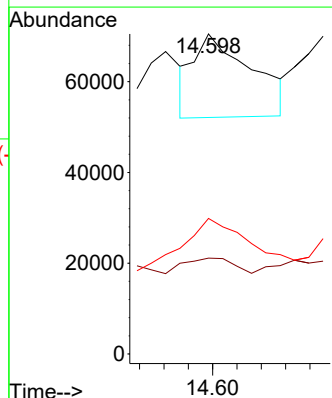
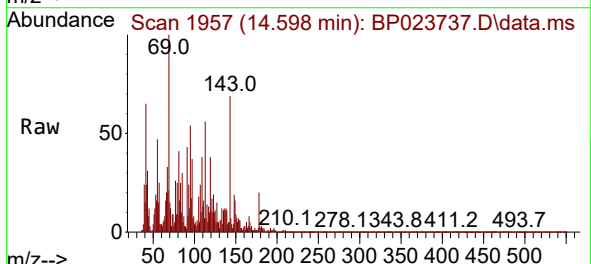
Instrument :
BNA_P
ClientSampleId :
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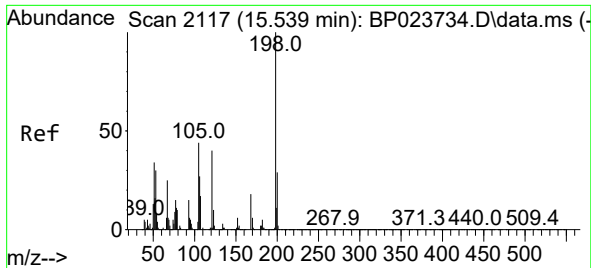
Tgt Ion:142 Resp: 179077
Ion Ratio Lower Upper
142 100
141 93.2 72.1 108.1
116 4.8 2.9 4.3#



#55
4-Nitrophenol
Concen: 1.533 ng/ul
RT: 14.598 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BP023737.D
Acq: 27 Jan 2025 12:28

Tgt Ion:109 Resp: 30294
Ion Ratio Lower Upper
109 100
139 30.0 114.3 171.5#
65 42.3 103.0 154.6#





#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.820 ng/ul
 RT: 15.563 min Scan# 2117
 Delta R.T. 0.024 min
 Lab File: BP023737.D
 Acq: 27 Jan 2025 12:28

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:198 Resp: 74404
 Ion Ratio Lower Upper
 198 100
 182 36.6 3.9 5.9#
 77 176.6 20.3 30.5#

