

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023743.D
 Acq On : 27 Jan 2025 16:31
 Operator : RC/JU
 Sample : Q1174-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2937

Quant Time: Jan 27 22:01:16 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

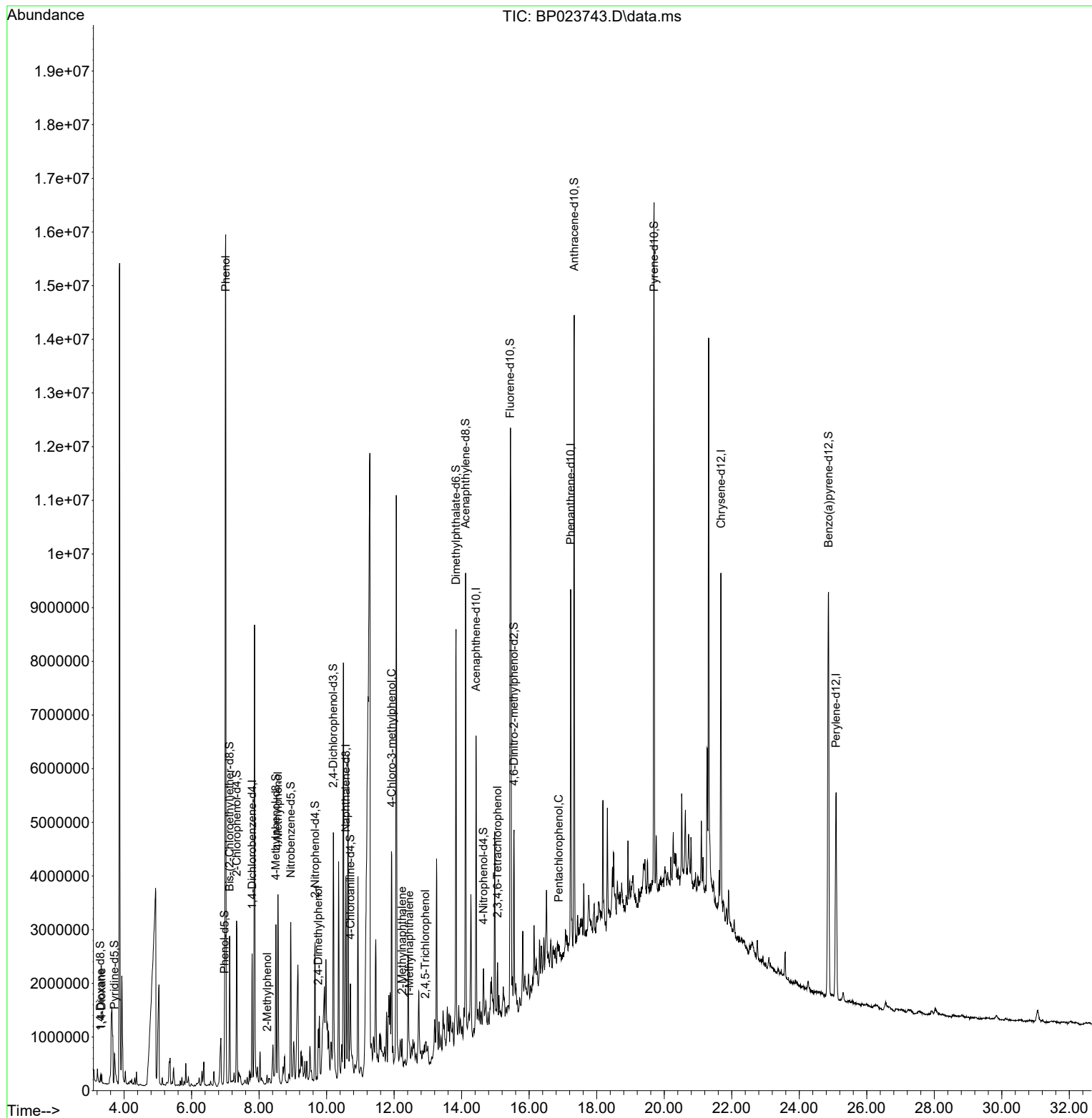
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	655120	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	2802119	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	1894862	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.228	188	3592714	20.000	ng/u1	0.01
79) Chrysene-d12	21.680	240	3599804	20.000	ng/u1	0.00
88) Perylene-d12	25.092	264	4004453	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	72112	4.433	ng/uL	0.00
4) Pyridine-d5	3.716	84	508506	10.834	ng/u1	0.01
7) Phenol-d5	6.975	99	628944	11.346	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	1026092	32.771	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	1487157	35.289	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	1132765	25.987	ng/u1	0.02
21) Nitrobenzene-d5	8.940	128	821896	38.930	ng/u1	0.01
24) 2-Nitrophenol-d4	9.657	143	920957	47.582	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.199	165	1634073	40.165	ng/u1	0.02
31) 4-Chloroaniline-d4	10.704	131	1327617	20.405	ng/u1	0.01
46) Dimethylphthalate-d6	13.834	166	4712844	34.584	ng/u1	0.02
49) Acenaphthylene-d8	14.116	160	5677215	35.996	ng/u1	0.01
54) 4-Nitrophenol-d4	14.645	143	301636	11.016	ng/u1	0.05
60) Fluorene-d10	15.439	176	4344582	37.244	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.551	200	757842	42.835	ng/u1	0.02
73) Anthracene-d10	17.333	188	6695965	38.821	ng/u1	0.01
81) Pyrene-d10	19.698	212	7453409	40.690	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.868	264	7791439	38.873	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	72909	4.237	ng/uL#	95
8) Phenol	7.010	94	10661607	183.807	ng/u1	97
13) 2-Methylphenol	8.240	108	59906	1.423	ng/u1	100
18) 4-Methylphenol	8.563	108	1470059	31.411	ng/u1	98
26) 2,4-Dimethylphenol	9.751	107	348642	7.402	ng/u1	98
35) 4-Chloro-3-methylphenol	11.922	107	865510	19.865	ng/u1#	19
36) 2-Methylnaphthalene	12.234	142	170636	1.676	ng/u1	96
37) 1-Methylnaphthalene	12.451	142	156268	1.535	ng/u1	99
42) 2,4,5-Trichlorophenol	12.922	196	55838	1.528	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.063	232	167336	5.575	ng/u1#	89
71) Pentachlorophenol	16.875	266	29672	1.049	ng/u1	97

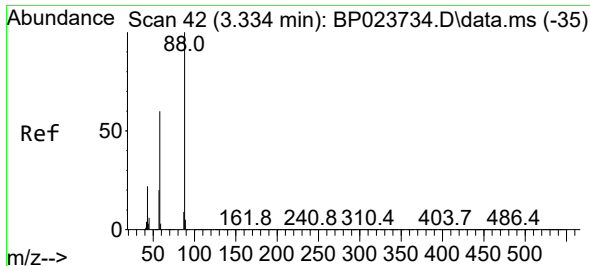
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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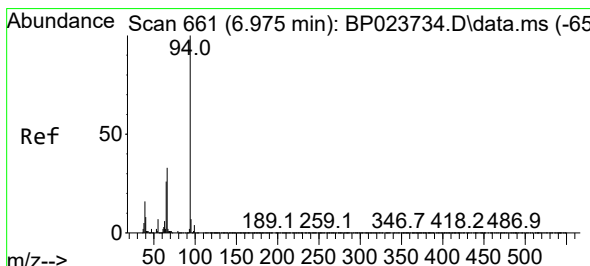
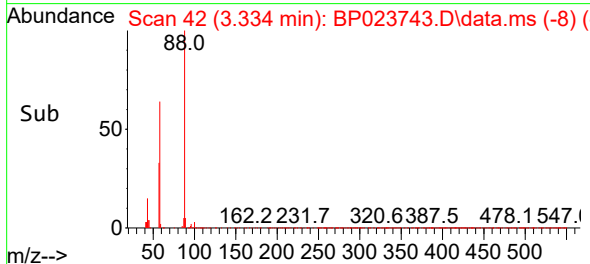
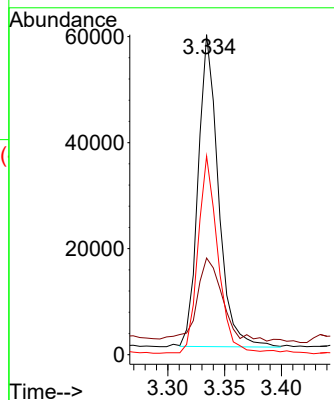
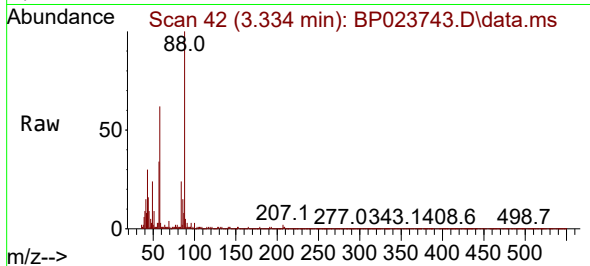




#2
 1,4-Dioxane
 Concen: 4.237 ng/uL
 RT: 3.334 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BP023743.D
 Acq: 27 Jan 2025 16:31

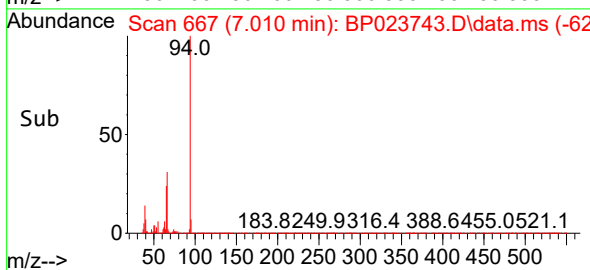
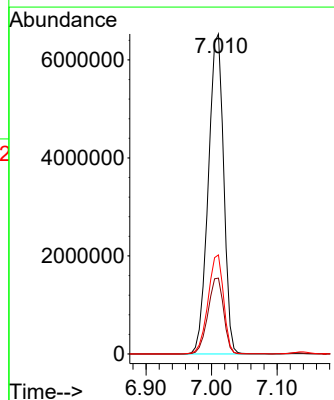
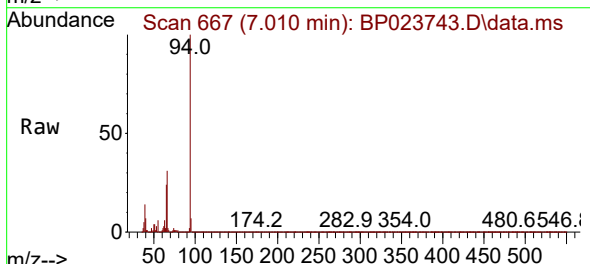
Instrument :
 BNA_P
 ClientSampleId :
 E2937

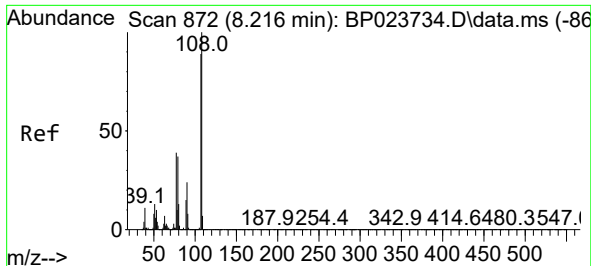
Tgt Ion: 88 Resp: 72909
 Ion Ratio Lower Upper
 88 100
 43 30.2 18.3 27.5#
 58 62.0 50.7 76.1



#8
 Phenol
 Concen: 183.807 ng/uL
 RT: 7.010 min Scan# 667
 Delta R.T. 0.035 min
 Lab File: BP023743.D
 Acq: 27 Jan 2025 16:31

Tgt Ion: 94 Resp: 10661607
 Ion Ratio Lower Upper
 94 100
 65 23.7 20.2 30.2
 66 30.9 26.0 39.0





#13

2-Methylphenol

Concen: 1.423 ng/ul

RT: 8.240 min Scan# 81

Delta R.T. 0.024 min

Lab File: BP023743.D

Acq: 27 Jan 2025 16:31

Instrument :

BNA_P

ClientSampleId :

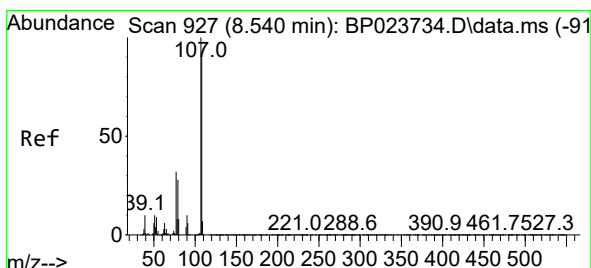
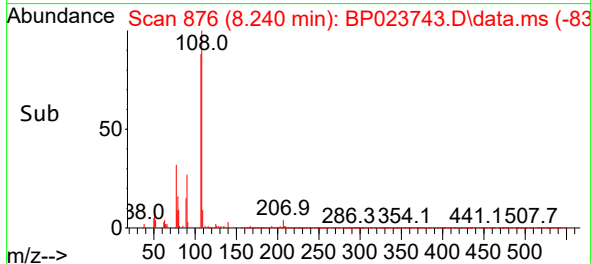
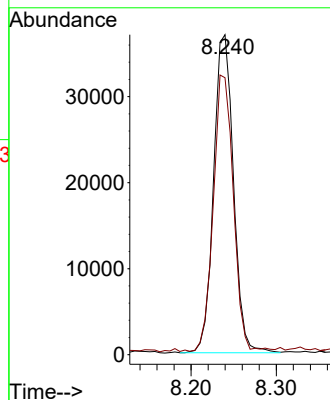
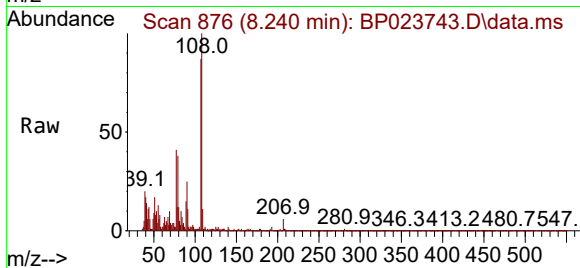
E2937

Tgt Ion:108 Resp: 59906

Ion Ratio Lower Upper

108 100

107 86.6 69.6 104.4



#18

4-Methylphenol

Concen: 31.411 ng/ul

RT: 8.563 min Scan# 931

Delta R.T. 0.024 min

Lab File: BP023743.D

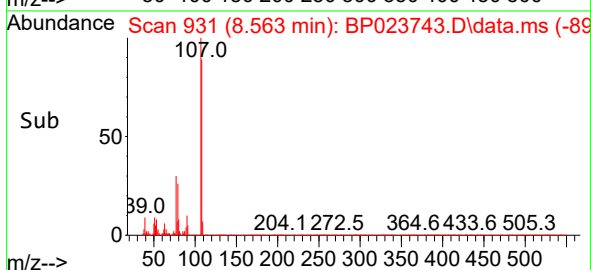
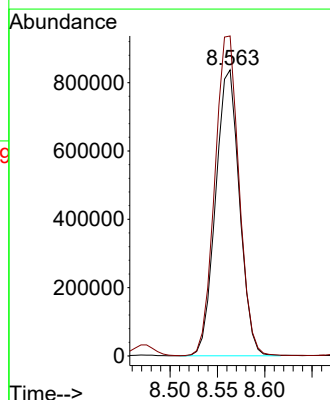
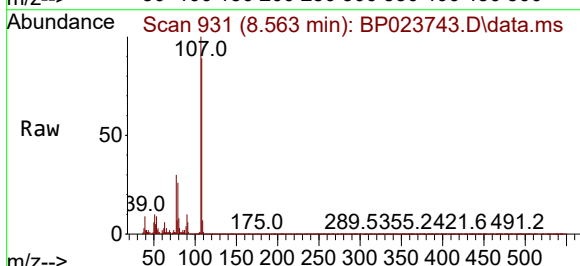
Acq: 27 Jan 2025 16:31

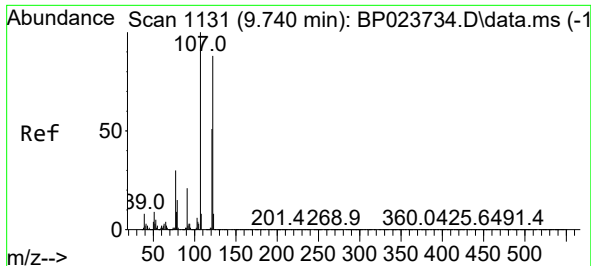
Tgt Ion:108 Resp: 1470059

Ion Ratio Lower Upper

108 100

107 111.9 91.2 136.8

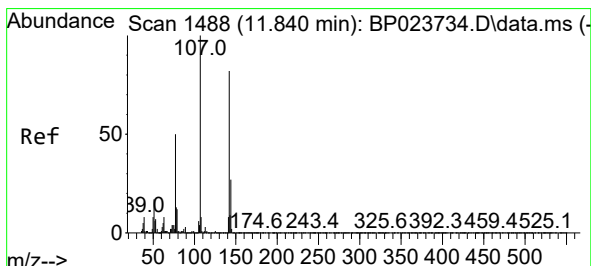
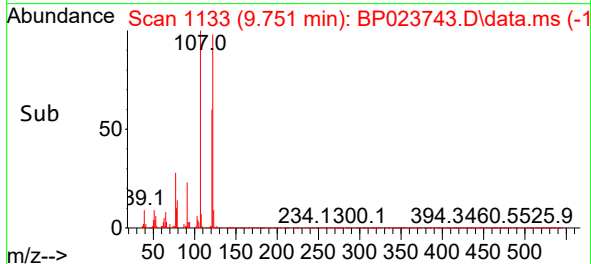
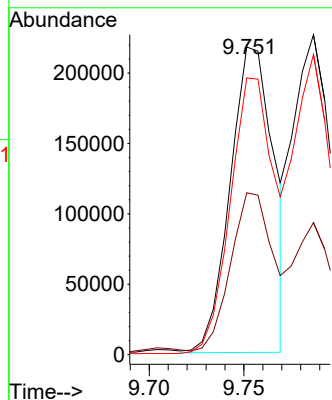
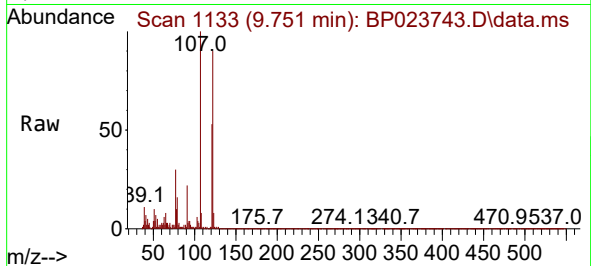




#26
2,4-Dimethylphenol
Concen: 7.402 ng/ul
RT: 9.751 min Scan# 1131
Delta R.T. 0.012 min
Lab File: BP023743.D
Acq: 27 Jan 2025 16:31

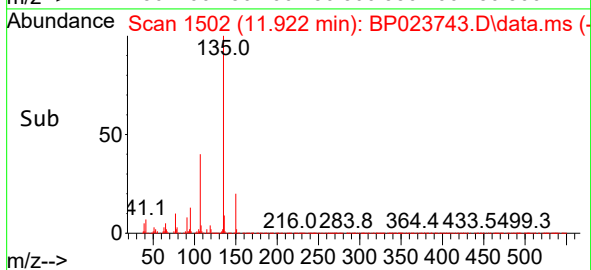
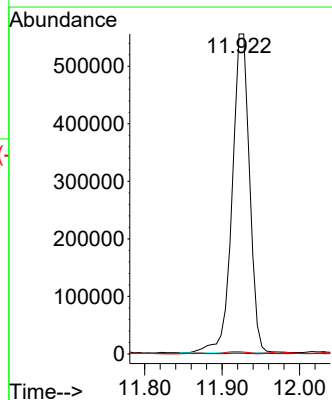
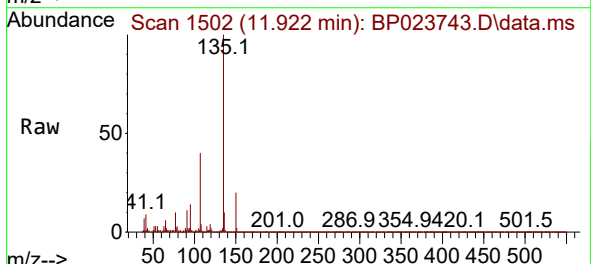
Instrument :
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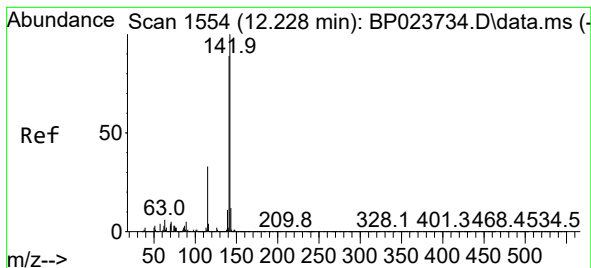
Tgt Ion:107 Resp: 348642
Ion Ratio Lower Upper
107 100
121 52.6 42.0 63.0
122 90.0 70.2 105.4



#35
4-Chloro-3-methylphenol
Concen: 19.865 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. 0.082 min
Lab File: BP023743.D
Acq: 27 Jan 2025 16:31

Tgt Ion:107 Resp: 865510
Ion Ratio Lower Upper
107 100
144 0.3 21.3 31.9#
142 0.7 65.5 98.3#

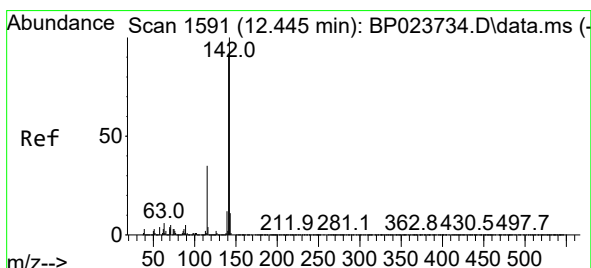
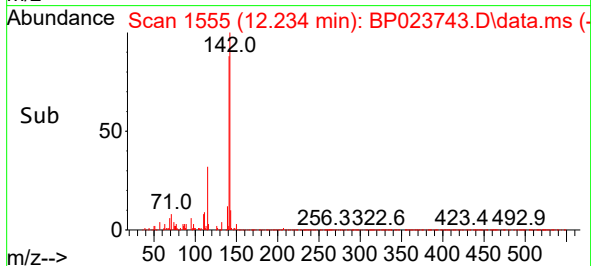
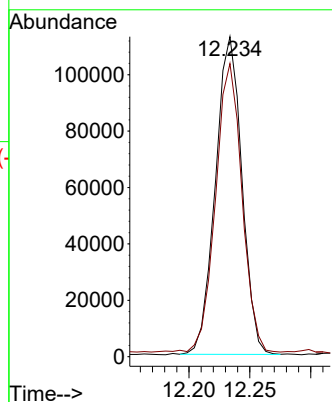
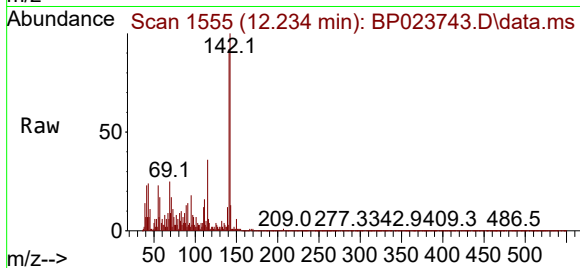




#36
2-Methylnaphthalene
Concen: 1.676 ng/ul
RT: 12.234 min Scan# 1554
Delta R.T. 0.006 min
Lab File: BP023743.D
Acq: 27 Jan 2025 16:31

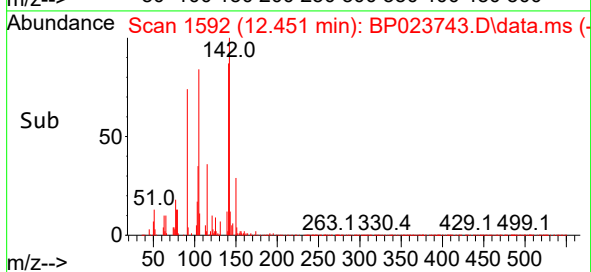
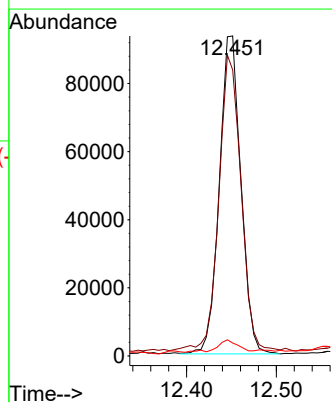
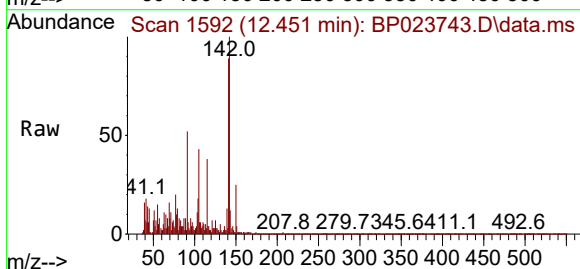
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BNA_P
ClientSampleId :
E2937

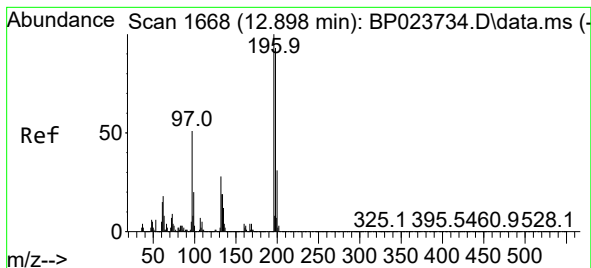
Tgt Ion:142 Resp: 170636
Ion Ratio Lower Upper
142 100
141 91.6 70.5 105.7



#37
1-Methylnaphthalene
Concen: 1.535 ng/ul
RT: 12.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP023743.D
Acq: 27 Jan 2025 16:31

Tgt Ion:142 Resp: 156268
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1
116 4.0 2.9 4.3





#42

2,4,5-Trichlorophenol

Concen: 1.528 ng/ul

RT: 12.922 min Scan# 1

Delta R.T. 0.024 min

Lab File: BP023743.D

Acq: 27 Jan 2025 16:31

Instrument :

BNA_P

ClientSampleId :

E2937

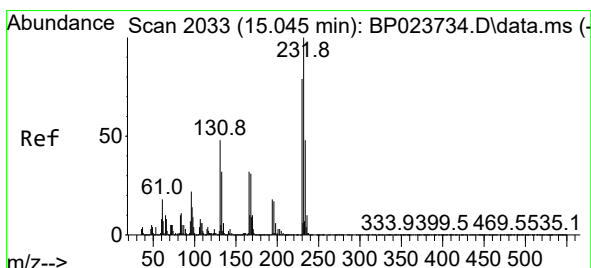
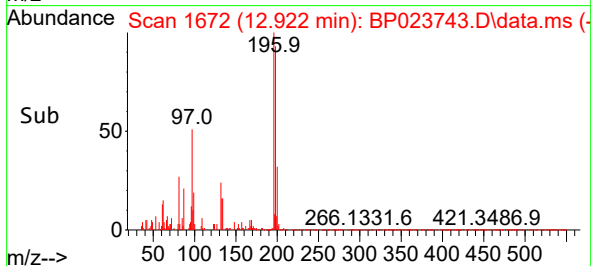
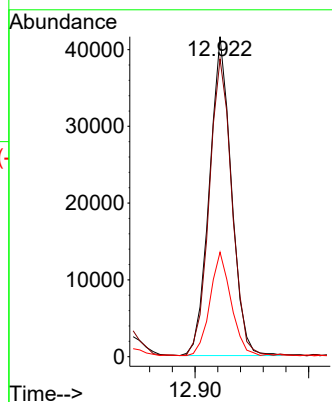
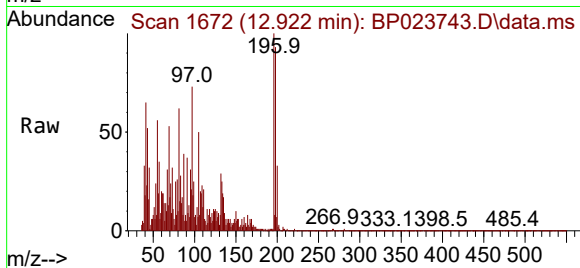
Tgt Ion:196 Resp: 55838

Ion Ratio Lower Upper

196 100

198 93.1 77.4 116.2

200 32.7 25.0 37.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 5.575 ng/ul

RT: 15.063 min Scan# 2036

Delta R.T. 0.018 min

Lab File: BP023743.D

Acq: 27 Jan 2025 16:31

Tgt Ion:232 Resp: 167336

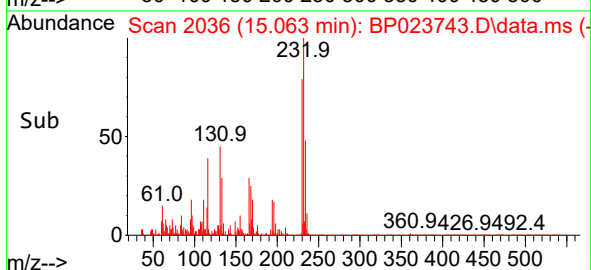
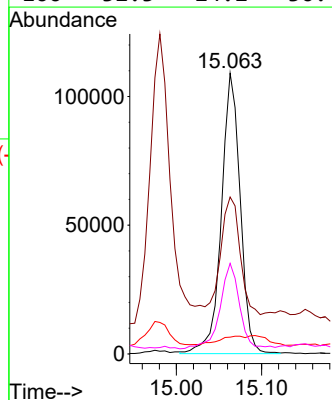
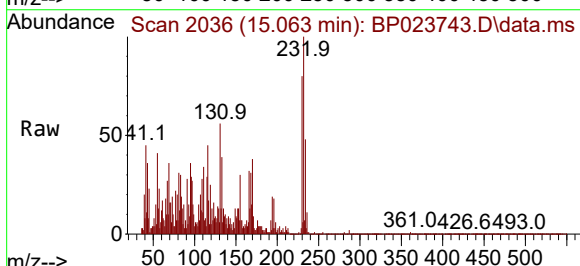
Ion Ratio Lower Upper

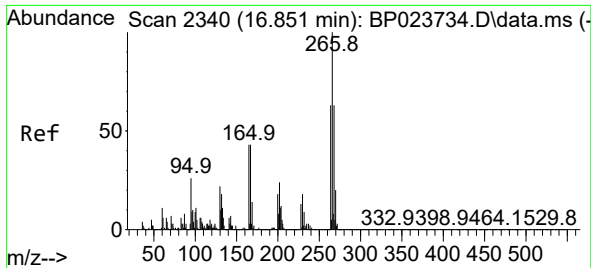
232 100

131 55.9 36.1 54.1#

130 6.0 1.8 2.8#

166 32.3 24.2 36.4





#71
Pentachlorophenol
Concen: 1.049 ng/ul
RT: 16.875 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP023743.D
Acq: 27 Jan 2025 16:31

Instrument :
BNA_P
ClientSampleId :
E2937

Tgt Ion:266 Resp: 29672
Ion Ratio Lower Upper
266 100
264 66.1 50.9 76.3
268 62.5 52.2 78.4

