

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
 Data File : BP018278.D
 Acq On : 22 Nov 2023 16:38
 Operator : MA/JU
 Sample : 05268-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKF8DL

Quant Time: Nov 22 17:11:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 22 14:09:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

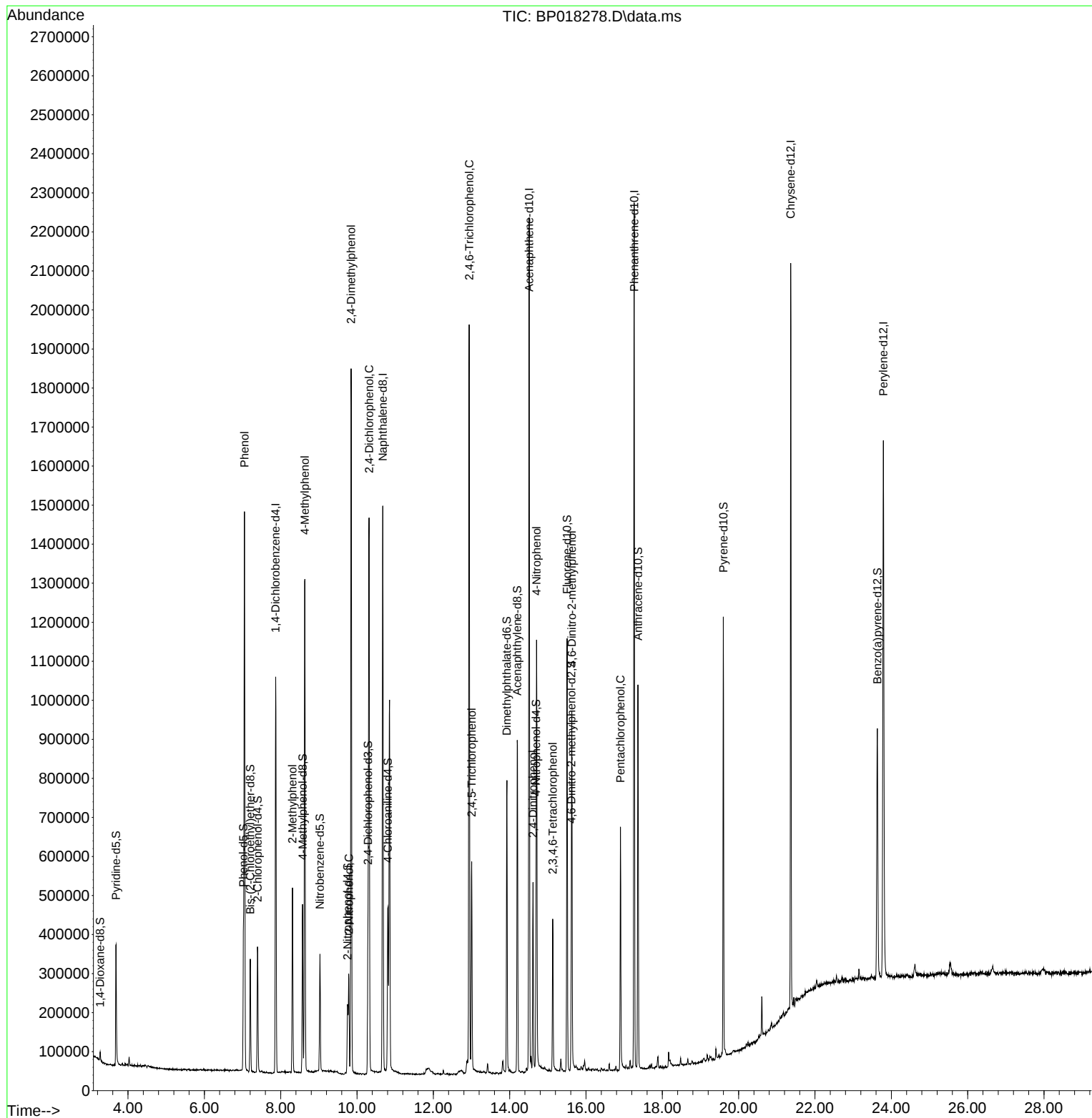
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	286031	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.675	136	1170888	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	719223	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	1282110	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	851091	20.000	ng/u1	0.00
88) Perylene-d12	23.792	264	1010660	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	10800	1.414	ng/uL	0.00
4) Pyridine-d5	3.687	84	163186	7.776	ng/u1	0.00
7) Phenol-d5	7.022	99	193324	7.396	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.204	67	119155	7.623	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.393	132	150867	6.874	ng/u1	-0.01
15) 4-Methylphenol-d8	8.575	113	157835	7.482	ng/u1	-0.01
21) Nitrobenzene-d5	9.028	128	68008	7.151	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.751	143	58222	6.629	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.287	165	167959	7.926	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.810	131	225642	7.895	ng/u1	0.00
46) Dimethylphthalate-d6	13.928	166	506214	7.910	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	567932	7.788	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	60965	6.901	ng/u1	0.00
60) Fluorene-d10	15.504	176	414557	7.745	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	35310	6.470	ng/u1	0.00
73) Anthracene-d10	17.363	188	559087	8.159	ng/u1	0.00
81) Pyrene-d10	19.598	212	537054	7.929	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	470924	8.037	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.051	94	776021	30.264	ng/u1	99
13) 2-Methylphenol	8.310	108	154513	7.736	ng/u1	97
18) 4-Methylphenol	8.634	108	460468	21.590	ng/u1	89
25) 2-Nitrophenol	9.787	139	81735	8.271	ng/u1	98
26) 2,4-Dimethylphenol	9.845	107	616233	27.774	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	525591	25.894	ng/u1	98
41) 2,4,6-Trichlorophenol	12.939	196	453555	29.732	ng/u1	99
42) 2,4,5-Trichlorophenol	13.004	196	140786	8.535	ng/u1	99
53) 2,4-Dinitrophenol	14.610	184	103870	28.202	ng/u1	96
55) 4-Nitrophenol	14.704	109	180071	27.511	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.128	232	75053	5.793	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.628	198	186701	30.843	ng/u1#	98
71) Pentachlorophenol	16.904	266	108131	11.629	ng/u1	98

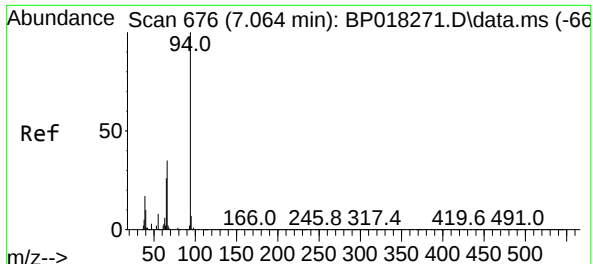
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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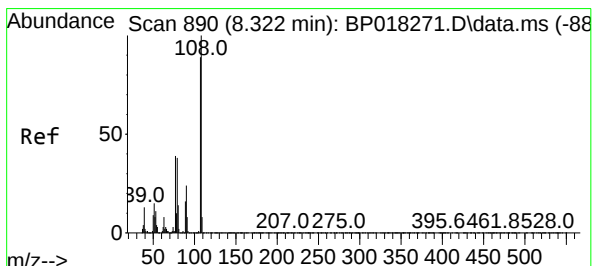
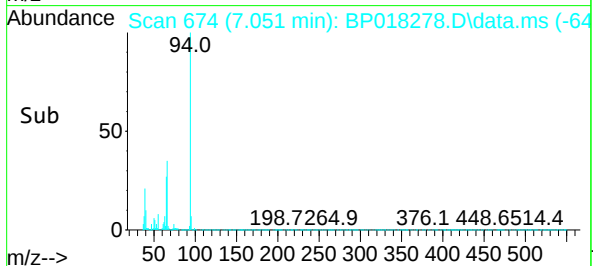
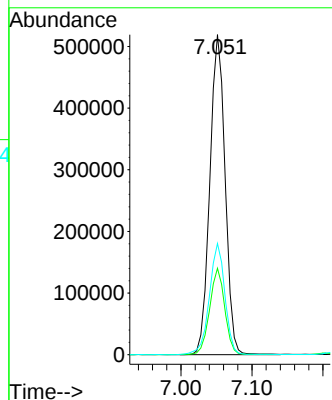
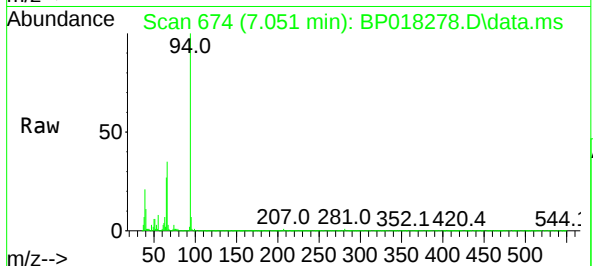




#8
Phenol
Concen: 30.264 ng/ul
RT: 7.051 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP018278.D
Acq: 22 Nov 2023 16:38

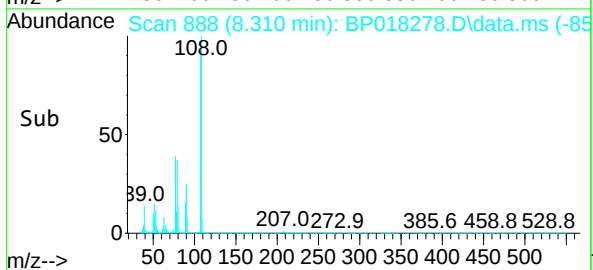
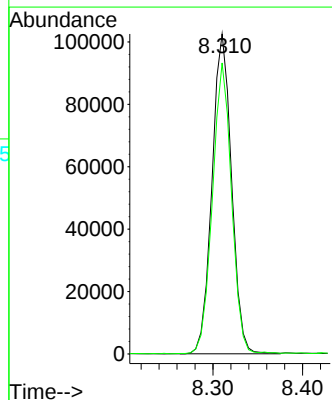
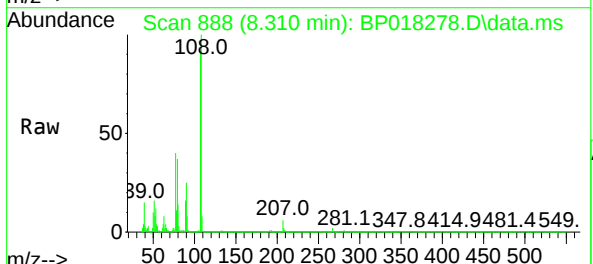
Instrument :
BNA_P
ClientSampleId :
DCKF8DL

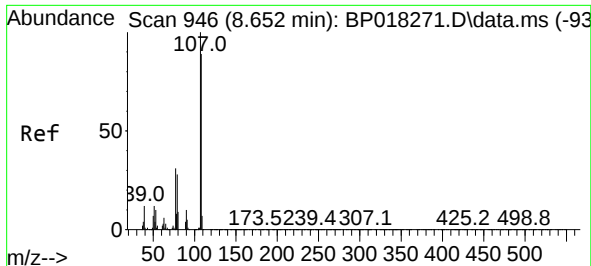
Tgt Ion: 94 Resp: 776021
Ion Ratio Lower Upper
94 100
65 27.0 21.2 31.8
66 34.8 28.0 42.0



#13
2-Methylphenol
Concen: 7.736 ng/ul
RT: 8.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BP018278.D
Acq: 22 Nov 2023 16:38

Tgt Ion:108 Resp: 154513
Ion Ratio Lower Upper
108 100
107 91.0 70.9 106.3

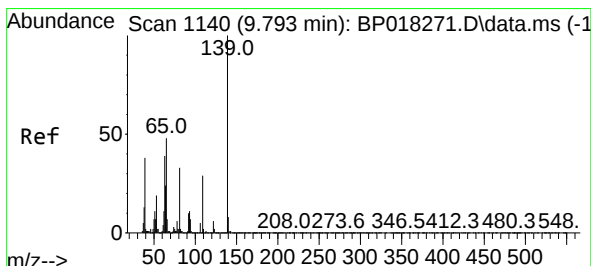
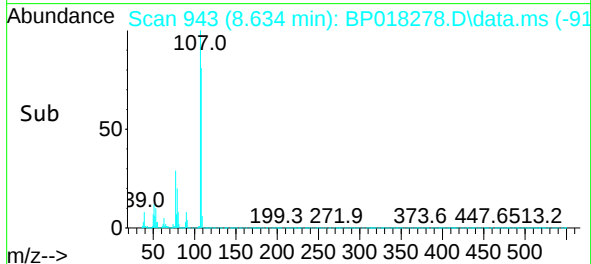
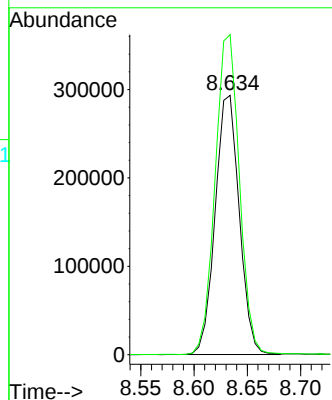
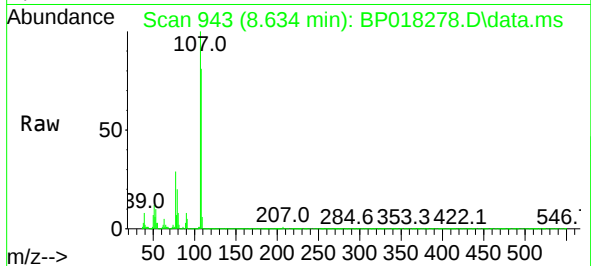




#18
4-Methylphenol
Concen: 21.590 ng/ul
RT: 8.634 min Scan# 946
Delta R.T. -0.018 min
Lab File: BP018278.D
Acq: 22 Nov 2023 16:38

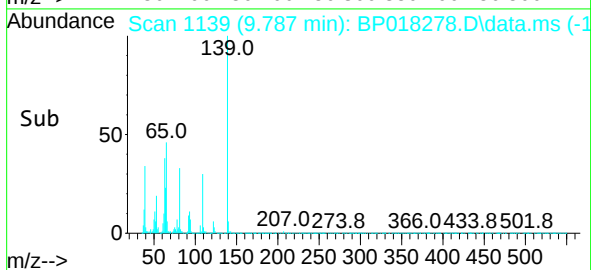
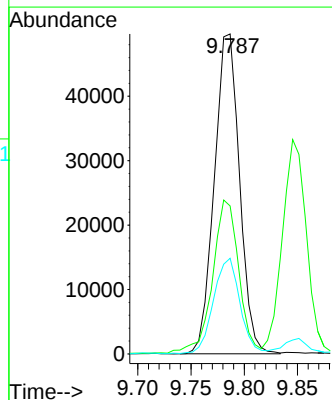
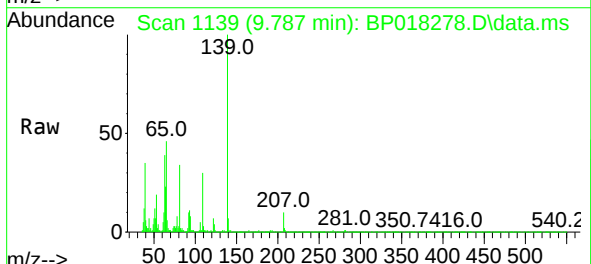
Instrument :
BNA_P
ClientSampleId :
DCKF8DL

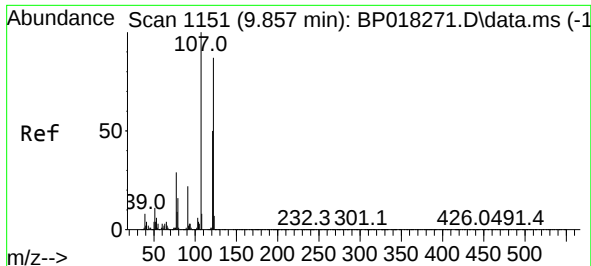
Tgt Ion:108 Resp: 460468
Ion Ratio Lower Upper
108 100
107 123.4 89.5 134.3



#25
2-Nitrophenol
Concen: 8.271 ng/ul
RT: 9.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BP018278.D
Acq: 22 Nov 2023 16:38

Tgt Ion:139 Resp: 81735
Ion Ratio Lower Upper
139 100
65 46.3 38.3 57.5
109 29.9 23.4 35.0

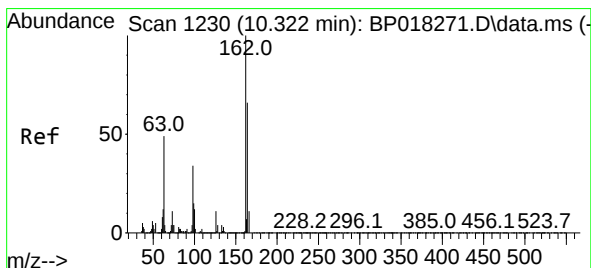
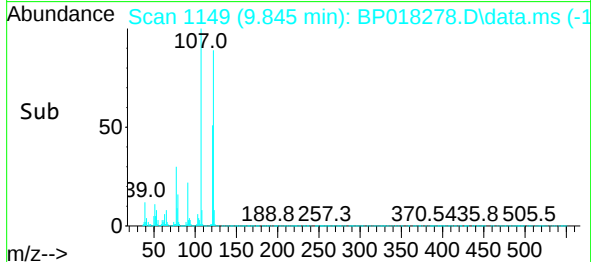
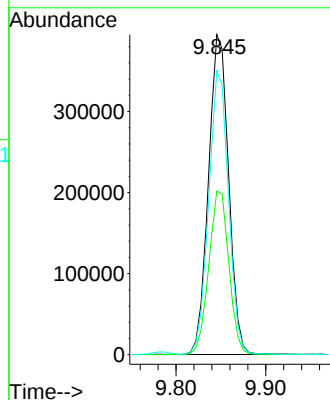
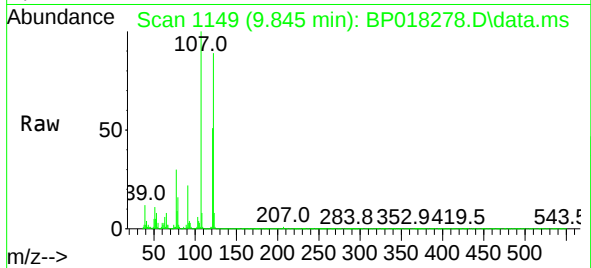




#26
2,4-Dimethylphenol
Concen: 27.774 ng/ul
RT: 9.845 min Scan# 1151
Delta R.T. -0.012 min
Lab File: BP018278.D
Acq: 22 Nov 2023 16:38

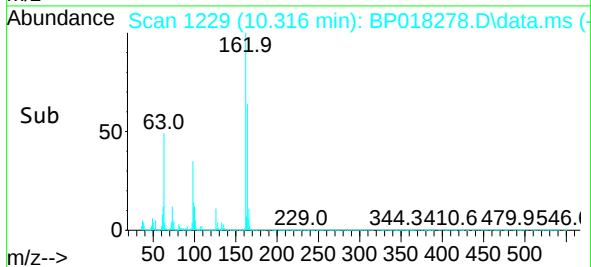
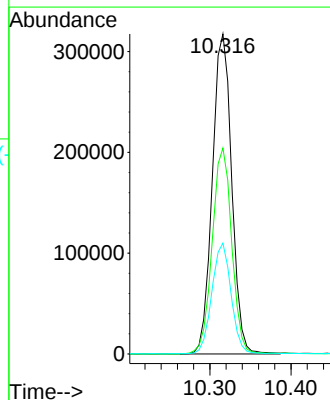
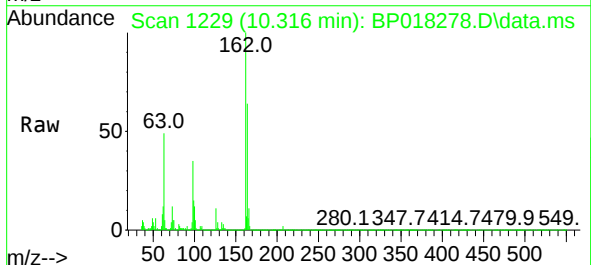
Instrument :
BNA_P
ClientSampleId :
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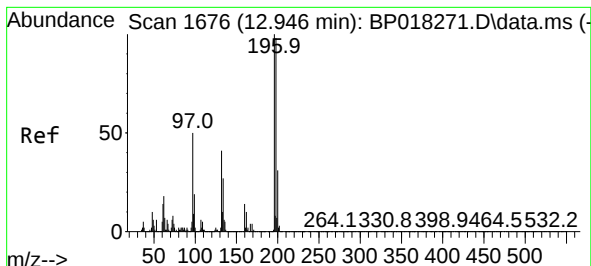
Tgt Ion:107 Resp: 616233
Ion Ratio Lower Upper
107 100
121 51.1 40.0 60.0
122 88.7 70.4 105.6



#29
2,4-Dichlorophenol
Concen: 25.894 ng/ul
RT: 10.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BP018278.D
Acq: 22 Nov 2023 16:38

Tgt Ion:162 Resp: 525591
Ion Ratio Lower Upper
162 100
164 64.4 53.0 79.6
98 34.7 27.7 41.5

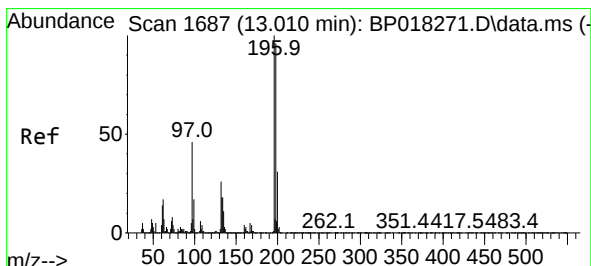
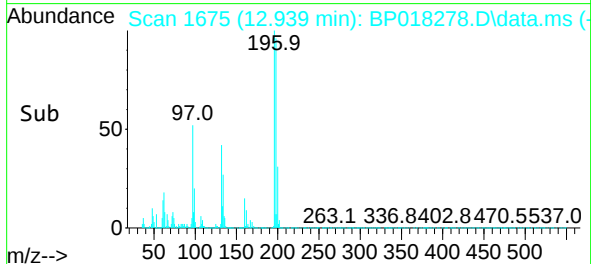
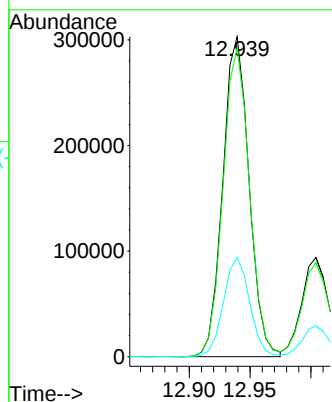
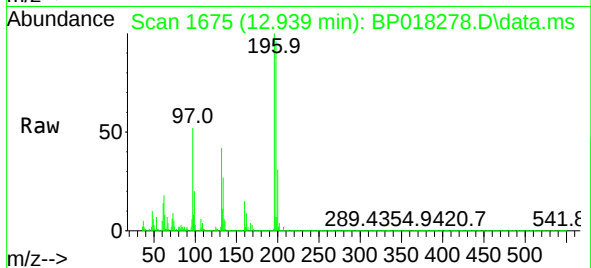




#41
2,4,6-Trichlorophenol
Concen: 29.732 ng/ul
RT: 12.939 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BP018278.D
Acq: 22 Nov 2023 16:38

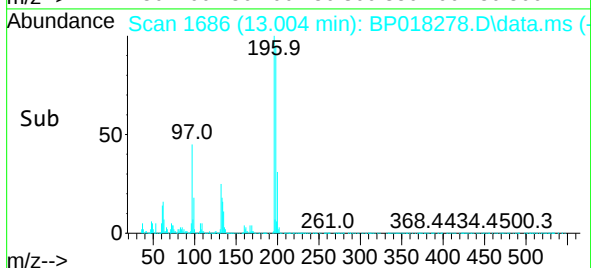
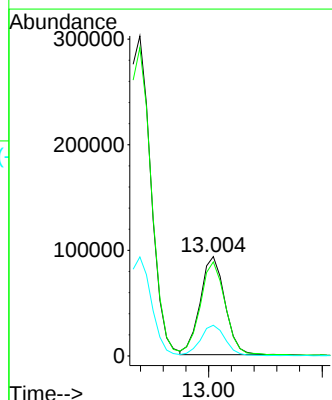
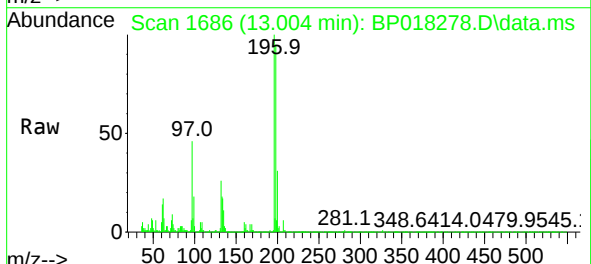
Instrument :
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ClientSampleId :
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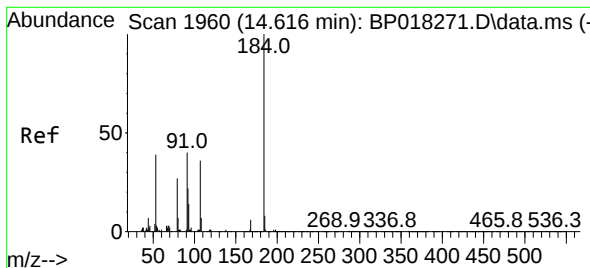
Tgt Ion:196 Resp: 453555
Ion Ratio Lower Upper
196 100
198 96.4 78.0 117.0
200 30.9 24.6 37.0



#42
2,4,5-Trichlorophenol
Concen: 8.535 ng/ul
RT: 13.004 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP018278.D
Acq: 22 Nov 2023 16:38

Tgt Ion:196 Resp: 140786
Ion Ratio Lower Upper
196 100
198 94.7 76.7 115.1
200 31.0 24.6 36.8

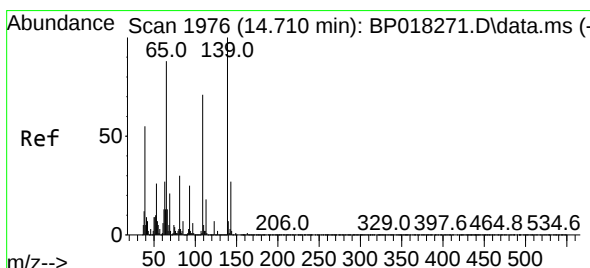
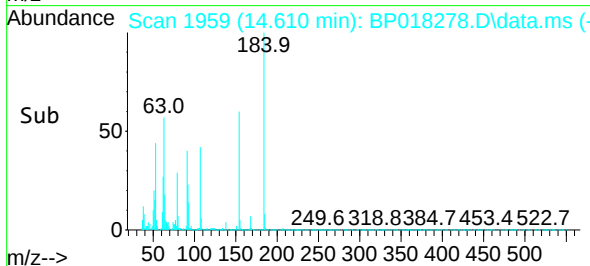
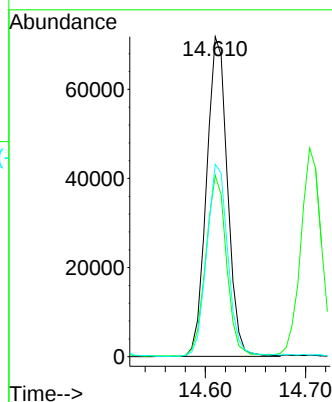
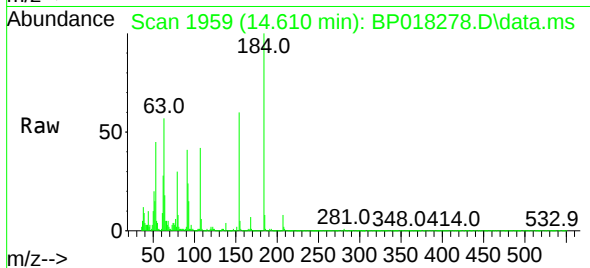




#53
2,4-Dinitrophenol
Concen: 28.202 ng/ul
RT: 14.610 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP018278.D
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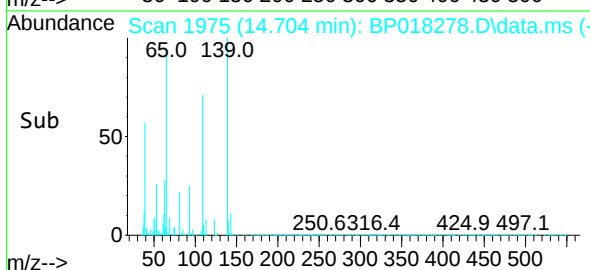
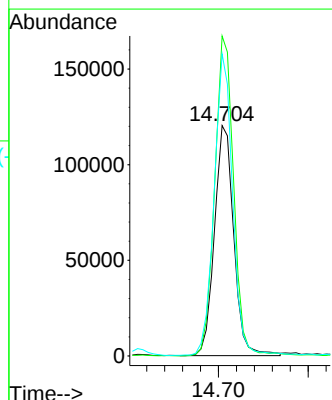
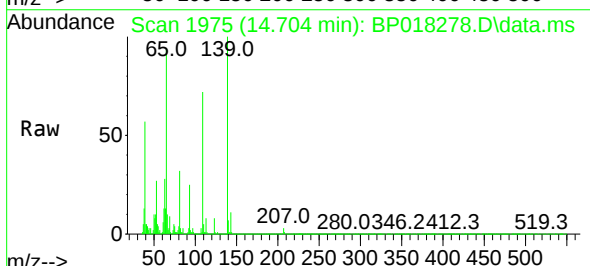
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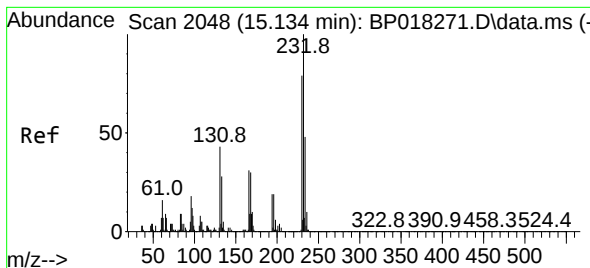
Tgt Ion:184 Resp: 103870
Ion Ratio Lower Upper
184 100
63 56.6 41.8 62.6
154 60.1 47.3 70.9



#55
4-Nitrophenol
Concen: 27.511 ng/ul
RT: 14.704 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP018278.D
Acq: 22 Nov 2023 16:38

Tgt Ion:109 Resp: 180071
Ion Ratio Lower Upper
109 100
139 138.9 113.0 169.4
65 131.1 99.6 149.4

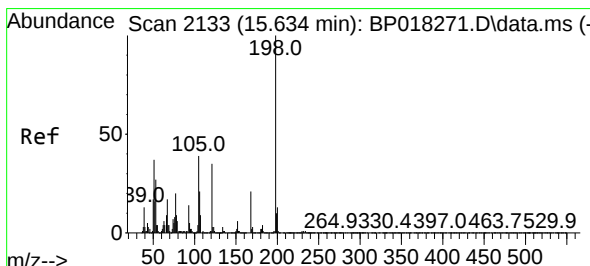
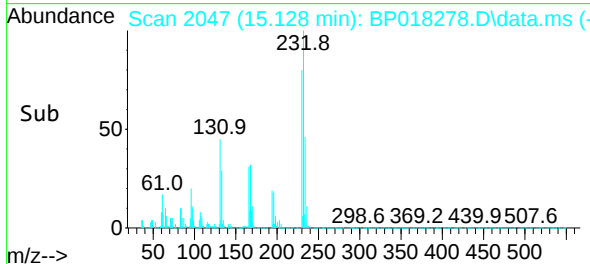
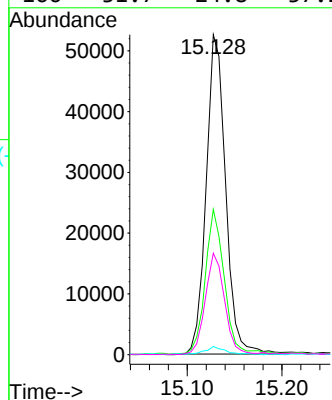
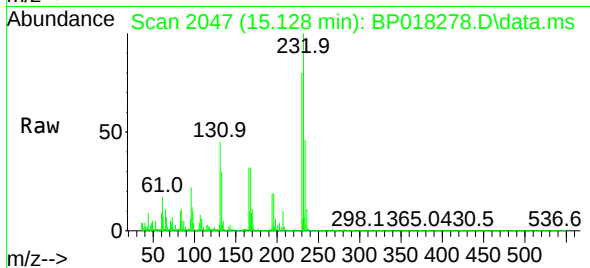




#58
2,3,4,6-Tetrachlorophenol
Concen: 5.793 ng/ul
RT: 15.128 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BP018278.D
Acq: 22 Nov 2023 16:38

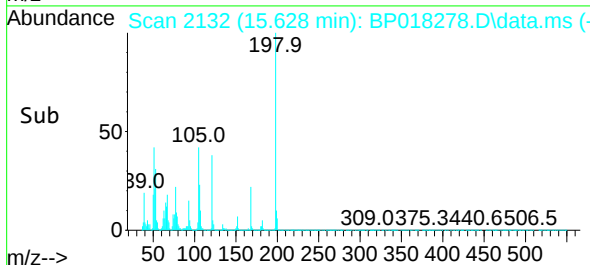
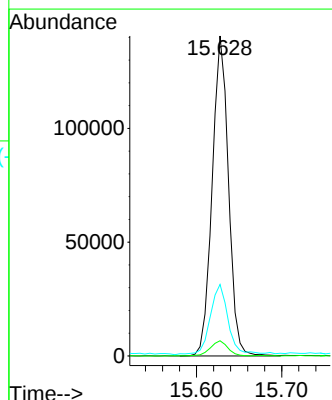
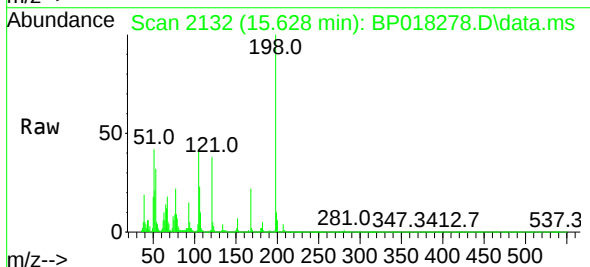
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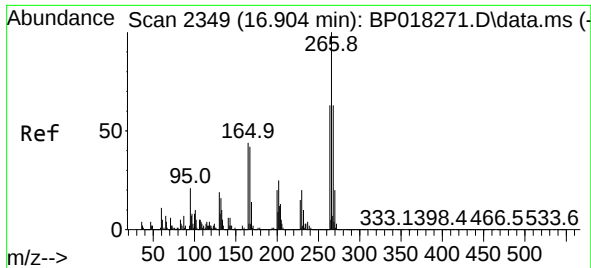
Tgt Ion:232	Resp:	75053
Ion Ratio	Lower	Upper
232	100	
131	45.4	34.1 51.1
130	2.5	1.8 2.6
166	31.7	24.8 37.2



#66
4,6-Dinitro-2-methylphenol
Concen: 30.843 ng/ul
RT: 15.628 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP018278.D
Acq: 22 Nov 2023 16:38

Tgt Ion:198	Resp:	186701
Ion Ratio	Lower	Upper
198	100	
182	4.7	3.0 4.4#
77	22.4	17.3 25.9





#71
 Pentachlorophenol
 Concen: 11.629 ng/ul
 RT: 16.904 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP018278.D
 Acq: 22 Nov 2023 16:38

Instrument :
 BNA_P
 ClientSampleId :
 DCKF8DL

Tgt Ion:266 Resp: 108131
 Ion Ratio Lower Upper
 266 100
 264 60.9 50.1 75.1
 268 64.2 50.1 75.1

