

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112223\
 Data File : BP018277.D
 Acq On : 22 Nov 2023 15:41
 Operator : MA/JU
 Sample : 05268-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKF8

Quant Time: Nov 22 16:09:37 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)

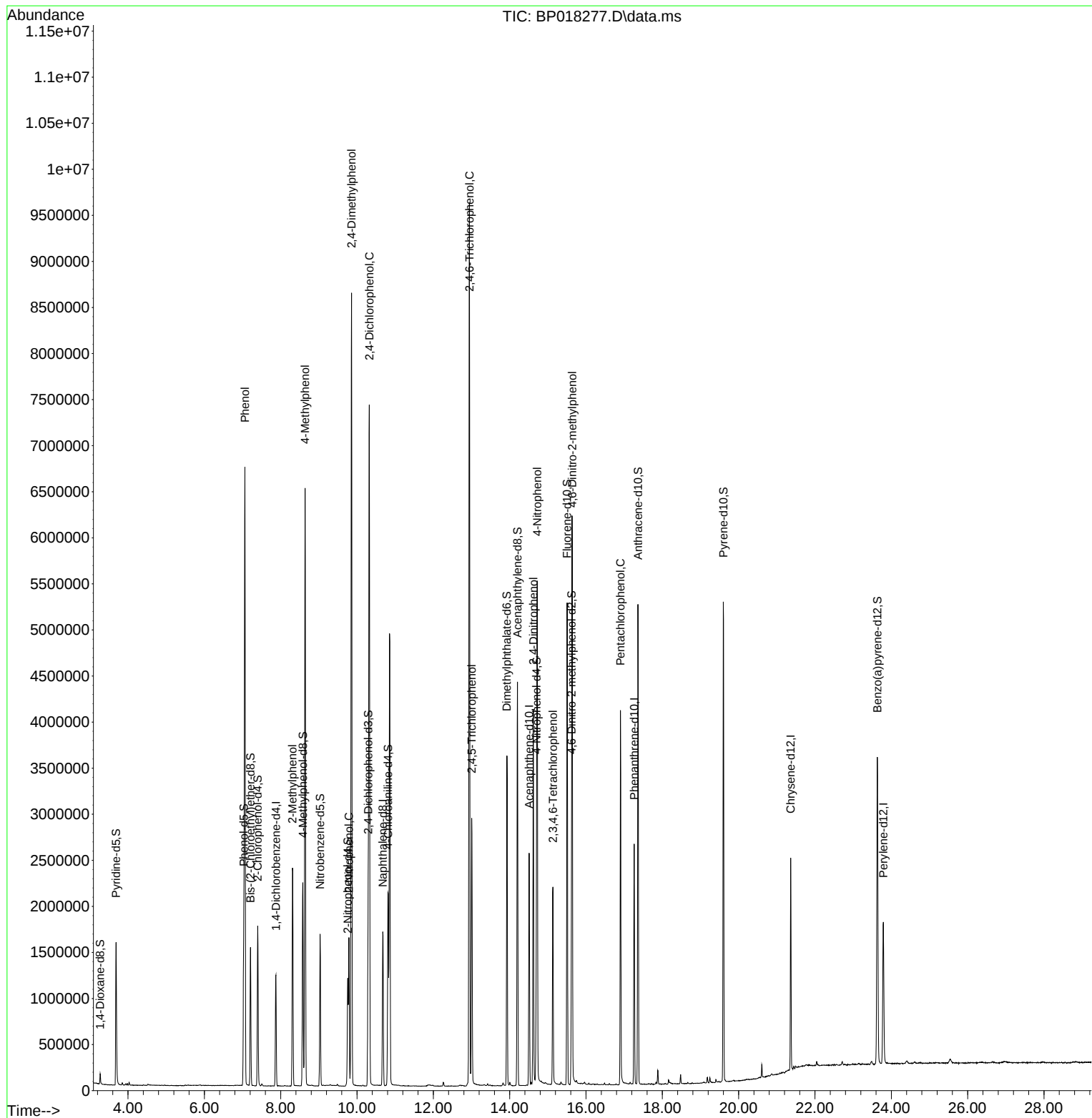
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	338511	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	1417033	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	850119	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	1515272	20.000	ng/u1	0.00
79) Chrysene-d12	21.363	240	1000225	20.000	ng/u1	0.00
88) Perylene-d12	23.792	264	1165583	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	51661	5.716	ng/uL	0.00
4) Pyridine-d5	3.687	84	871756	35.098	ng/u1	0.00
7) Phenol-d5	7.034	99	1004476	32.469	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	607894	32.860	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	800630	30.823	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	854894	34.242	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	391780	34.039	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	387779	36.481	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	911057	35.526	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	1166370	33.722	ng/u1	0.00
46) Dimethylphthalate-d6	13.928	166	2442968	32.295	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	2892739	33.562	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	375133	35.923	ng/u1	0.00
60) Fluorene-d10	15.504	176	2056572	32.505	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	280648	43.508	ng/u1	0.00
73) Anthracene-d10	17.363	188	2814847	34.755	ng/u1	0.00
81) Pyrene-d10	19.598	212	2726130	34.245	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	2433595	36.013	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.063	94	3844661	126.692	ng/u1	99
13) 2-Methylphenol	8.310	108	819023	34.650	ng/u1	99
18) 4-Methylphenol	8.640	108	2350773	93.132	ng/u1	89
25) 2-Nitrophenol	9.787	139	521540	43.608	ng/u1	98
26) 2,4-Dimethylphenol	9.857	107	3080913	114.740	ng/u1	99
29) 2,4-Dichlorophenol	10.322	162	2678159	109.024	ng/u1	97
41) 2,4,6-Trichlorophenol	12.945	196	2392818	132.704	ng/u1	99
42) 2,4,5-Trichlorophenol	13.004	196	767048	39.340	ng/u1	99
53) 2,4-Dinitrophenol	14.622	184	863529	198.357	ng/u1	99
55) 4-Nitrophenol	14.722	109	1004405	129.826	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.134	232	429372	28.041	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.639	198	1386574	193.818	ng/u1	97
71) Pentachlorophenol	16.904	266	680365	61.911	ng/u1	99

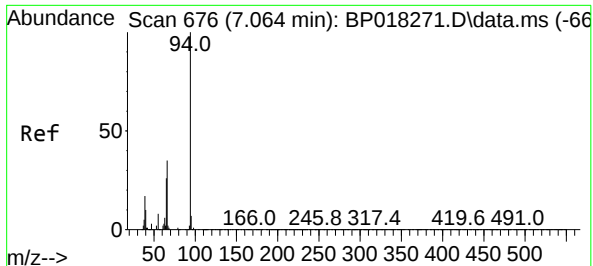
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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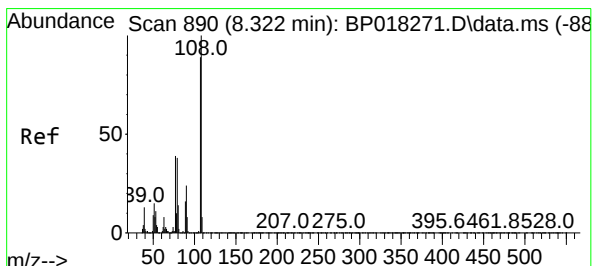
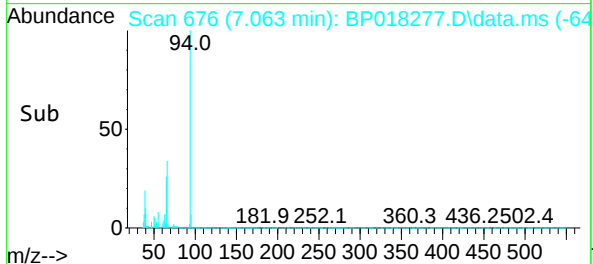
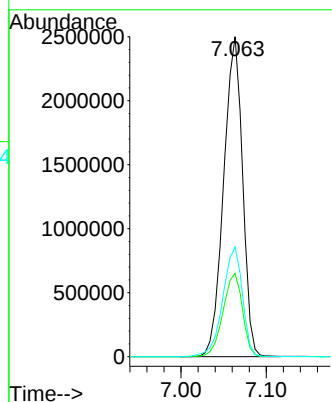
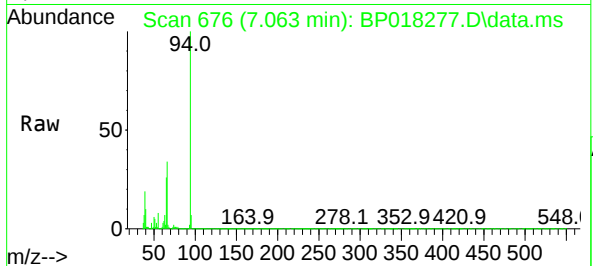




#8
Phenol
Concen: 126.692 ng/ul
RT: 7.063 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP018277.D
Acq: 22 Nov 2023 15:41

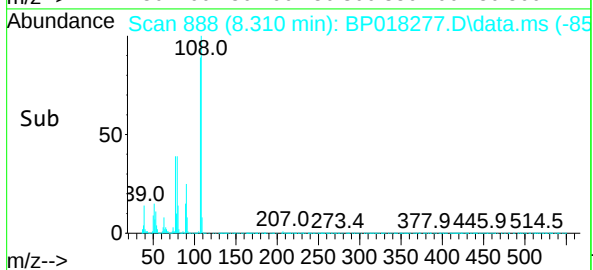
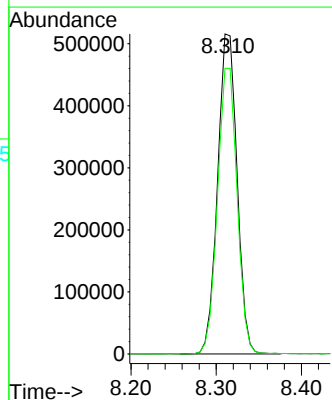
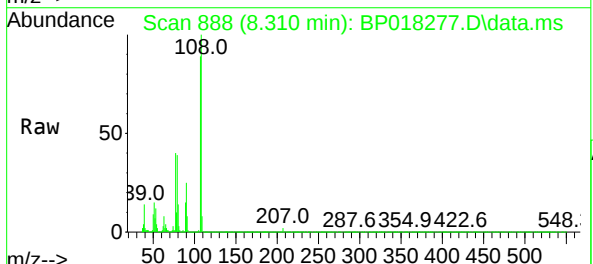
Instrument :
BNA_P
ClientSampleId :
DCKF8

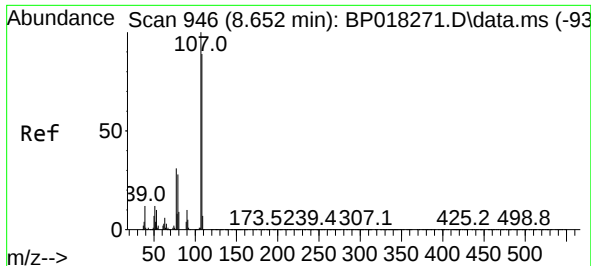
Tgt Ion: 94 Resp: 3844661
Ion Ratio Lower Upper
94 100
65 26.0 21.2 31.8
66 34.3 28.0 42.0



#13
2-Methylphenol
Concen: 34.650 ng/ul
RT: 8.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BP018277.D
Acq: 22 Nov 2023 15:41

Tgt Ion:108 Resp: 819023
Ion Ratio Lower Upper
108 100
107 89.3 70.9 106.3

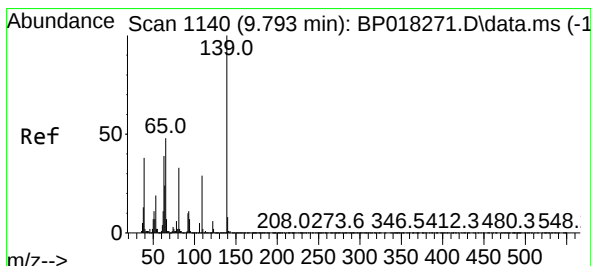
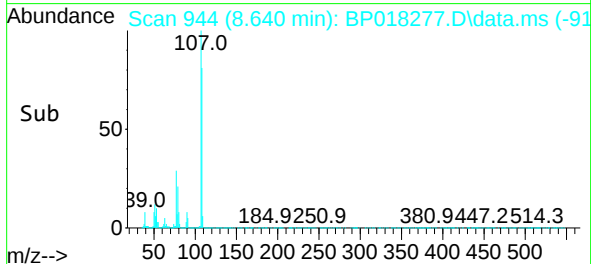
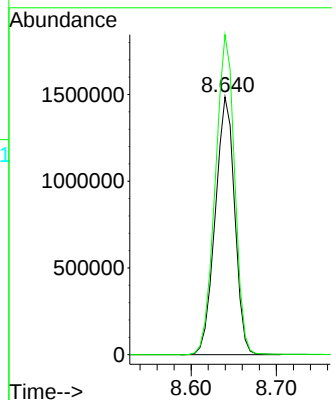
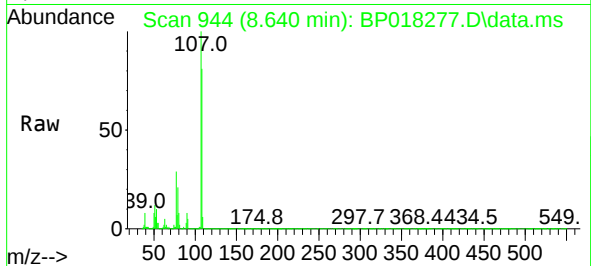




#18
4-Methylphenol
Concen: 93.132 ng/ul
RT: 8.640 min Scan# 946
Delta R.T. -0.012 min
Lab File: BP018277.D
Acq: 22 Nov 2023 15:41

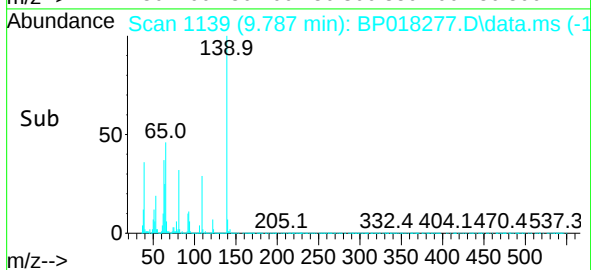
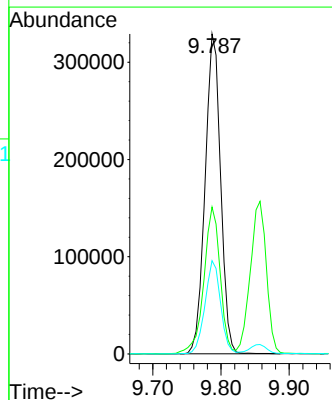
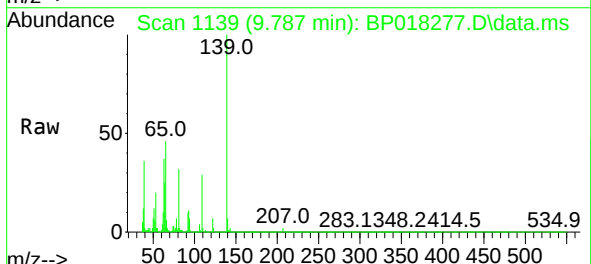
Instrument :
BNA_P
ClientSampleId :
DCKF8

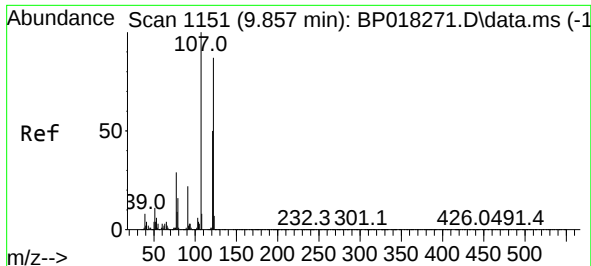
Tgt Ion:108 Resp: 2350773
Ion Ratio Lower Upper
108 100
107 124.2 89.5 134.3



#25
2-Nitrophenol
Concen: 43.608 ng/ul
RT: 9.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BP018277.D
Acq: 22 Nov 2023 15:41

Tgt Ion:139 Resp: 521540
Ion Ratio Lower Upper
139 100
65 45.9 38.3 57.5
109 29.2 23.4 35.0

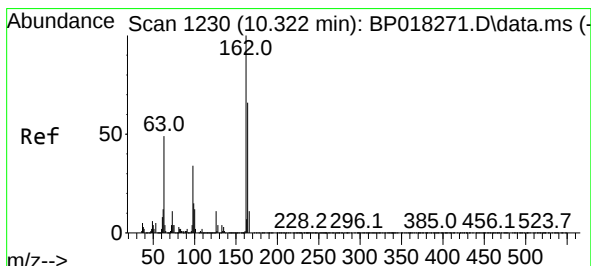
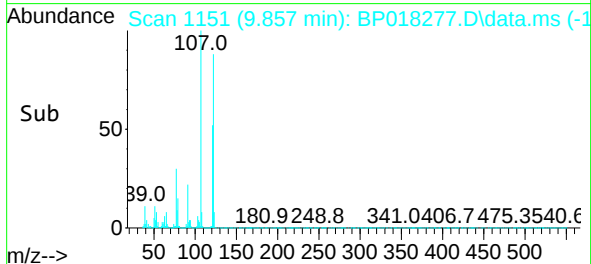
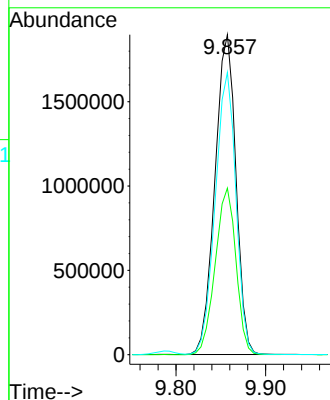
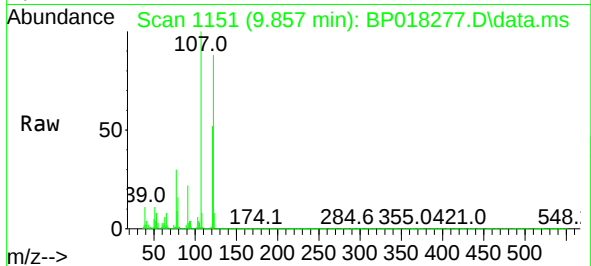




#26
2,4-Dimethylphenol
Concen: 114.740 ng/ul
RT: 9.857 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP018277.D
Acq: 22 Nov 2023 15:41

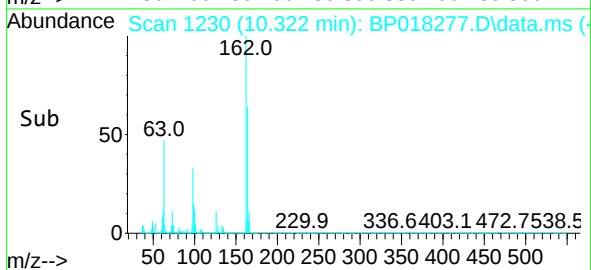
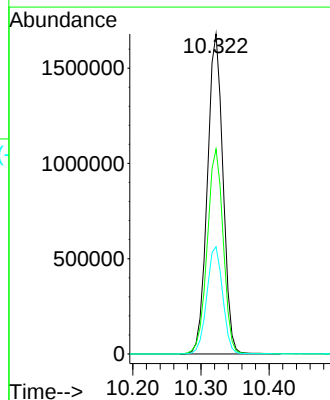
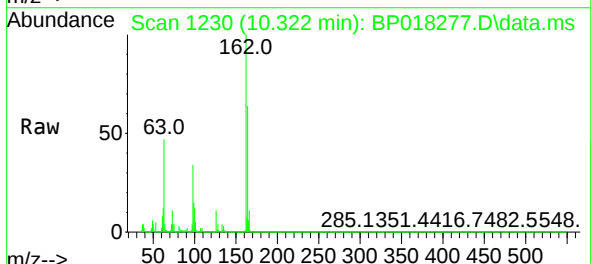
Instrument :
BNA_P
ClientSampleId :
DCKF8

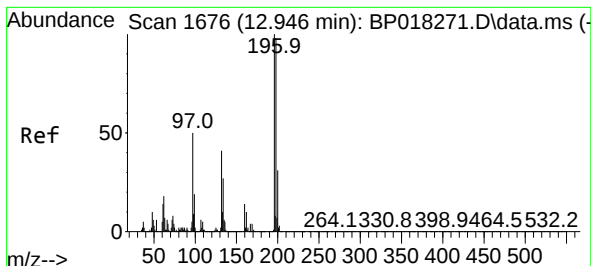
Tgt Ion:107 Resp: 3080913
Ion Ratio Lower Upper
107 100
121 52.0 40.0 60.0
122 88.2 70.4 105.6



#29
2,4-Dichlorophenol
Concen: 109.024 ng/ul
RT: 10.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BP018277.D
Acq: 22 Nov 2023 15:41

Tgt Ion:162 Resp: 2678159
Ion Ratio Lower Upper
162 100
164 64.0 53.0 79.6
98 33.5 27.7 41.5





#41

2,4,6-Trichlorophenol

Concen: 132.704 ng/ul

RT: 12.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP018277.D

Acq: 22 Nov 2023 15:41

Instrument :

BNA_P

ClientSampleId :

DCKF8

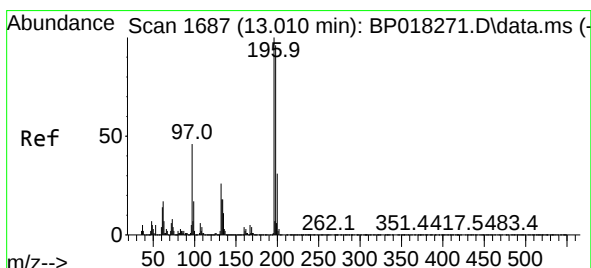
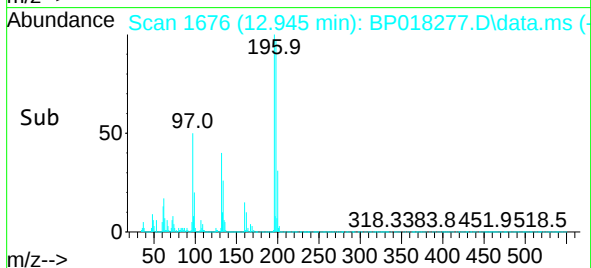
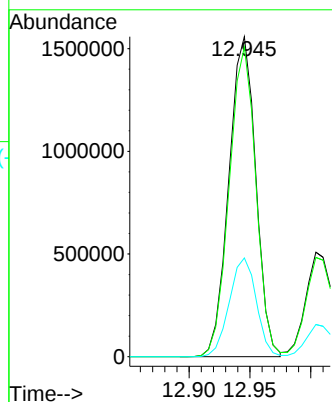
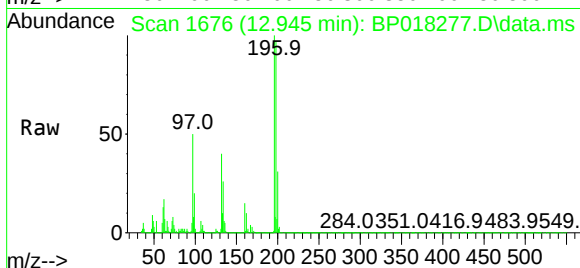
Tgt Ion:196 Resp: 2392818

Ion Ratio Lower Upper

196 100

198 96.8 78.0 117.0

200 30.9 24.6 37.0



#42

2,4,5-Trichlorophenol

Concen: 39.340 ng/ul

RT: 13.004 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP018277.D

Acq: 22 Nov 2023 15:41

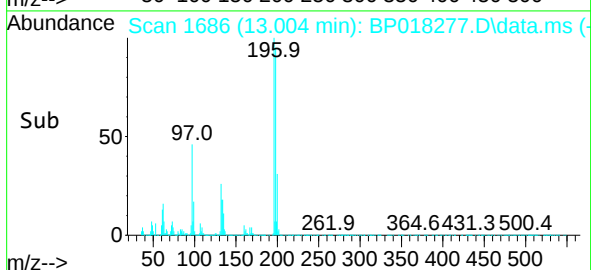
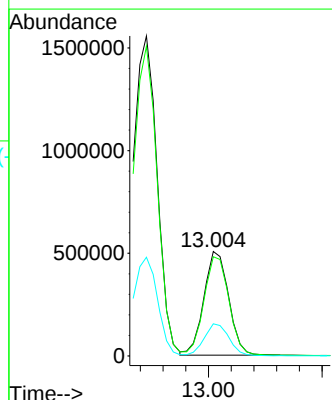
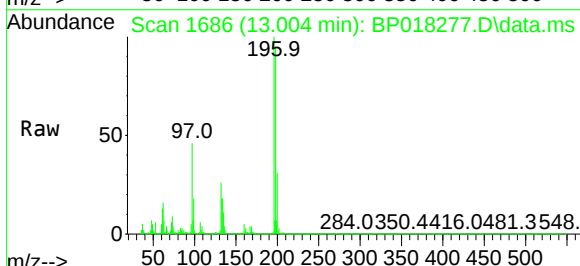
Tgt Ion:196 Resp: 767048

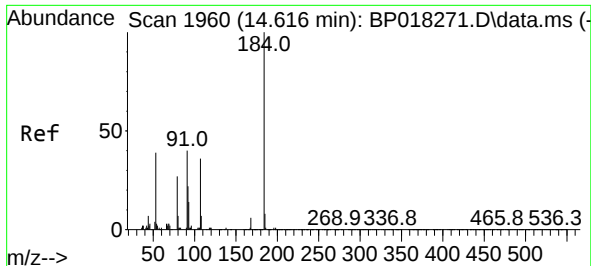
Ion Ratio Lower Upper

196 100

198 95.0 76.7 115.1

200 30.8 24.6 36.8

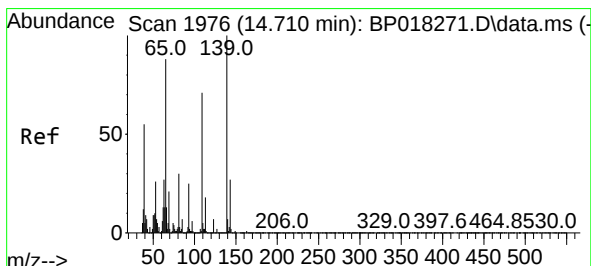
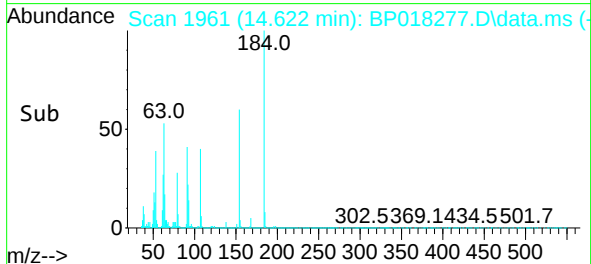
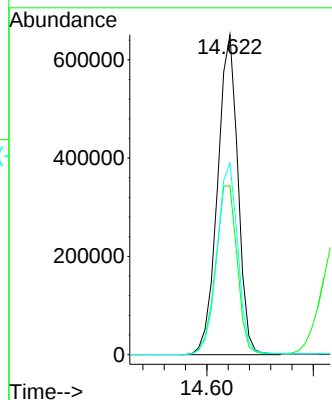
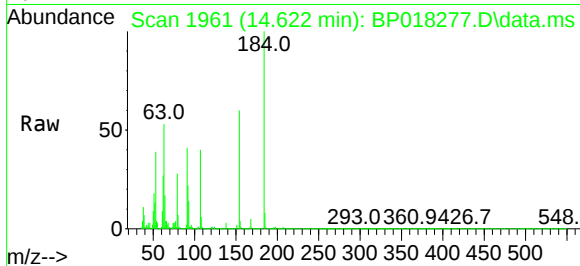




#53
2,4-Dinitrophenol
Concen: 198.357 ng/ul
RT: 14.622 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP018277.D
Acq: 22 Nov 2023 15:41

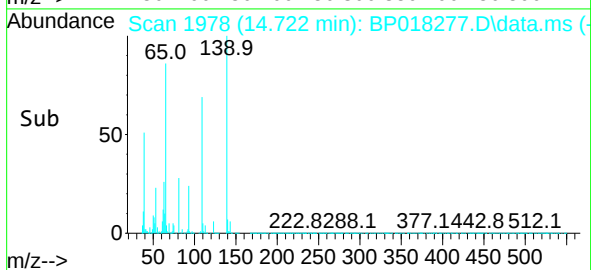
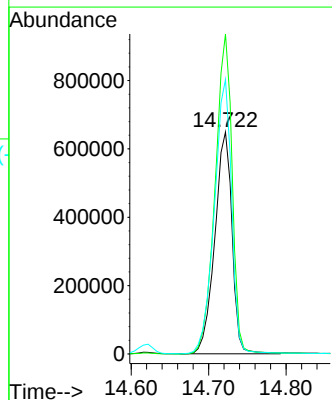
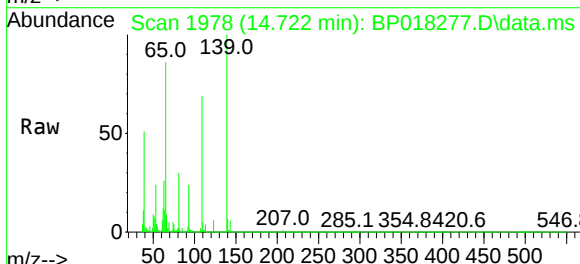
Instrument :
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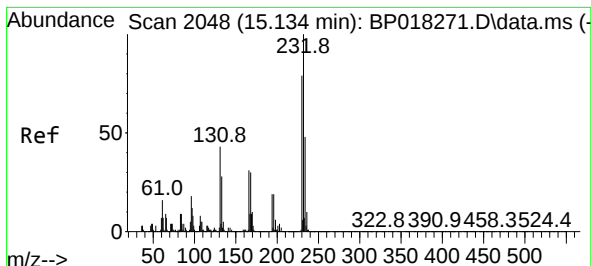
Tgt Ion:184 Resp: 863529
Ion Ratio Lower Upper
184 100
63 52.8 41.8 62.6
154 59.8 47.3 70.9



#55
4-Nitrophenol
Concen: 129.826 ng/ul
RT: 14.722 min Scan# 1978
Delta R.T. 0.012 min
Lab File: BP018277.D
Acq: 22 Nov 2023 15:41

Tgt Ion:109 Resp: 1004405
Ion Ratio Lower Upper
109 100
139 144.2 113.0 169.4
65 123.6 99.6 149.4



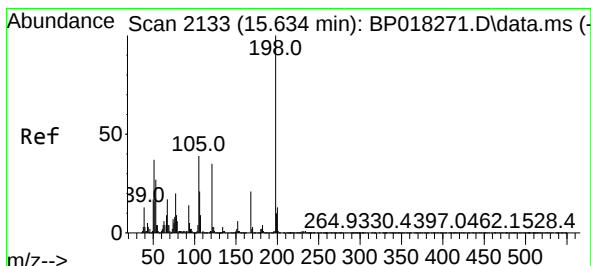
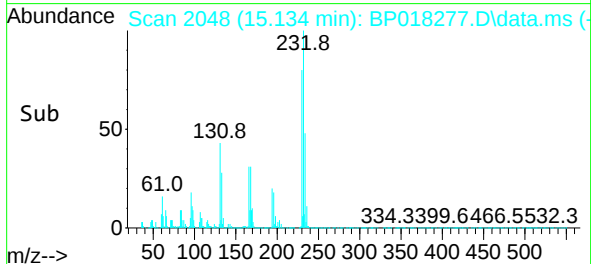
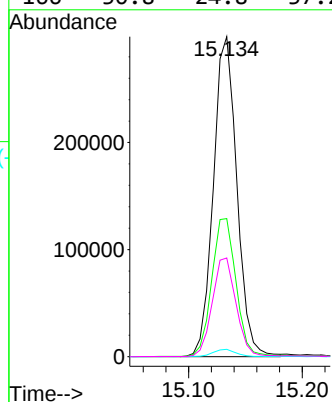
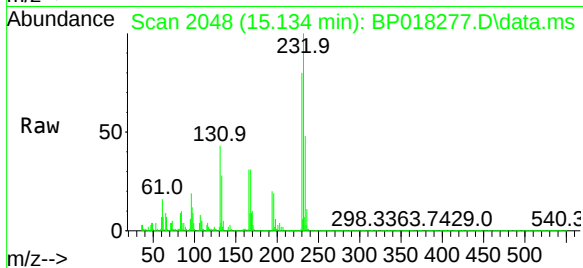


#58
2,3,4,6-Tetrachlorophenol
Concen: 28.041 ng/ul
RT: 15.134 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BP018277.D
Acq: 22 Nov 2023 15:41

Instrument :
BNA_P
ClientSampleId :
DCKF8

Tgt Ion:232 Resp: 429372

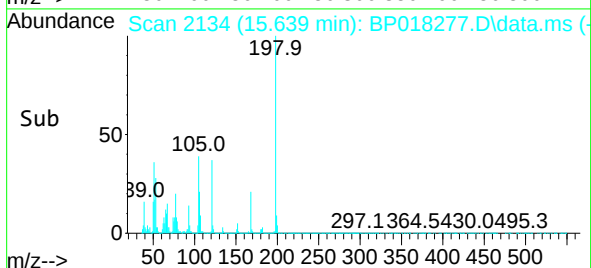
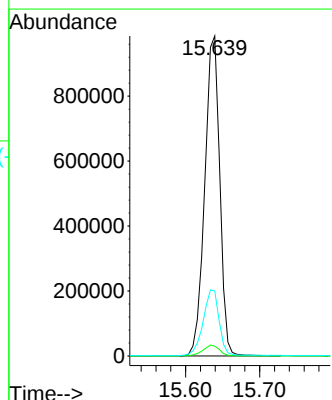
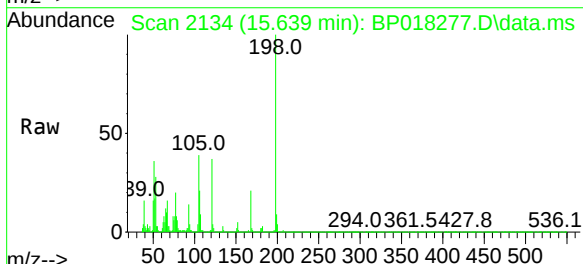
Ion	Ratio	Lower	Upper
232	100		
131	43.1	34.1	51.1
130	2.3	1.8	2.6
166	30.8	24.8	37.2

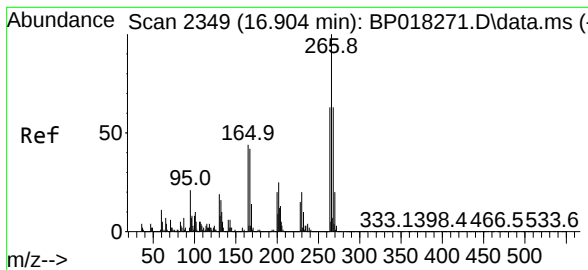


#66
4,6-Dinitro-2-methylphenol
Concen: 193.818 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BP018277.D
Acq: 22 Nov 2023 15:41

Tgt Ion:198 Resp: 1386574

Ion	Ratio	Lower	Upper
198	100		
182	3.1	3.0	4.4
77	20.3	17.3	25.9





#71
 Pentachlorophenol
 Concen: 61.911 ng/ul
 RT: 16.904 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP018277.D
 Acq: 22 Nov 2023 15:41

Instrument :
 BNA_P
 ClientSampleId :
 DCKF8

Tgt Ion:	266	Resp:	680365
Ion Ratio	Lower	Upper	
266	100		
264	62.9	50.1	75.1
268	63.2	50.1	75.1

