

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031330.D
 Acq On : 30 Apr 2024 21:14
 Operator : MA/JU
 Sample : P2269-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 30 23:33:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 30 23:30:44 2024
 Response via : Initial Calibration

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

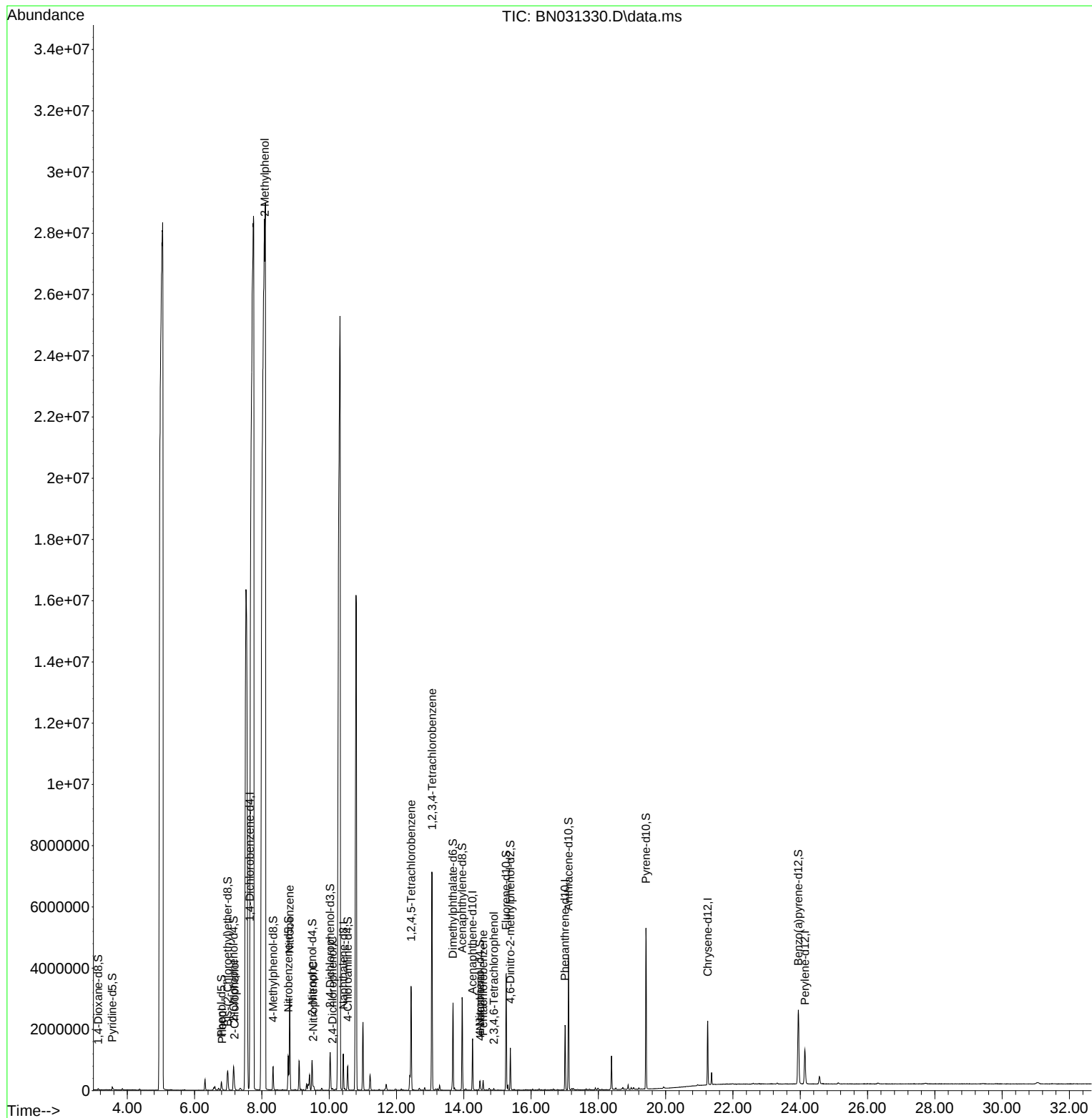
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	87263	20.000	ng/ul	0.03
20) Naphthalene-d8	10.422	136	861752	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.263	164	579746	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.010	188	1228102	20.000	ng/ul	0.00
79) Chrysene-d12	21.251	240	1026047	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	941085	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	22794	12.161	ng/uL	0.00
4) Pyridine-d5	3.552	84	66777	12.441	ng/ul	0.02
7) Phenol-d5	6.799	99	157153	22.380	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.981	67	425143	103.404	ng/ul	0.02
11) 2-Chlorophenol-d4	7.157	132	464336	82.657	ng/ul	0.01
15) 4-Methylphenol-d8	8.334	113	290398	49.905	ng/ul	0.01
21) Nitrobenzene-d5	8.787	128	284524	45.813	ng/ul	0.02
24) 2-Nitrophenol-d4	9.493	143	308916	46.217	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	497434	40.076	ng/ul	0.01
31) 4-Chloroaniline-d4	10.551	131	424207	23.583	ng/ul	0.01
46) Dimethylphthalate-d6	13.681	166	1742333	45.586	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	1994042	44.964	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	73943	10.660	ng/ul	0.00
60) Fluorene-d10	15.257	176	1487610	45.579	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	267628	42.377	ng/ul	0.00
73) Anthracene-d10	17.110	188	2429596	47.936	ng/ul	0.00
81) Pyrene-d10	19.416	212	2713879	43.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	2114958	48.543	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	6.822	94	15421	2.161	ng/ul#	88
12) 2-Chlorophenol	7.187	128	49030	8.394	ng/ul	93
13) 2-Methylphenol	8.087	108	8944	1.614	ng/ul	96
22) Nitrobenzene	8.828	77	1592334	109.266	ng/ul	100
25) 2-Nitrophenol	9.522	139	28954	3.971	ng/ul	95
29) 2,4-Dichlorophenol	10.099	162	28166	2.299	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	12.434	216	1063902	71.102	ng/ul	99
55) 4-Nitrophenol	14.492	109	6324	1.139	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.892	232	10092	1.076	ng/ul#	95
75) 1,2,3,4-Tetrachloroben...	13.057	216	2210268	142.087	ng/uL	97
76) Pentachlorobenzene	14.575	250	71497	4.687	ng/uL	94

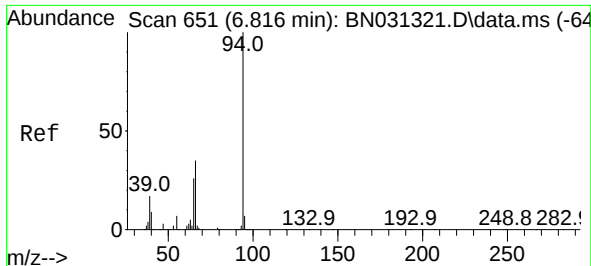
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 30 23:30:44 2024
Response via : Initial Calibration





#8

Phenol

Concen: 2.161 ng/ul

RT: 6.822 min Scan# 651

Delta R.T. 0.006 min

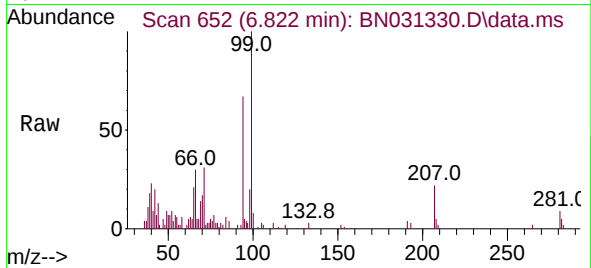
Lab File: BN031330.D

Acq: 30 Apr 2024 21:14

Instrument :

BNA_N

ClientSampleId :



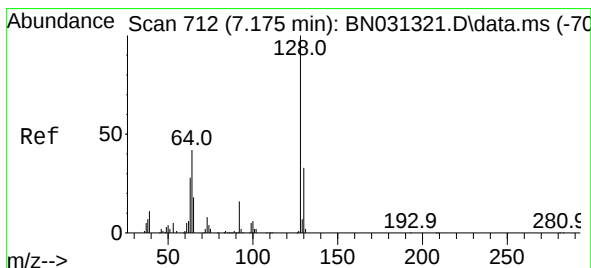
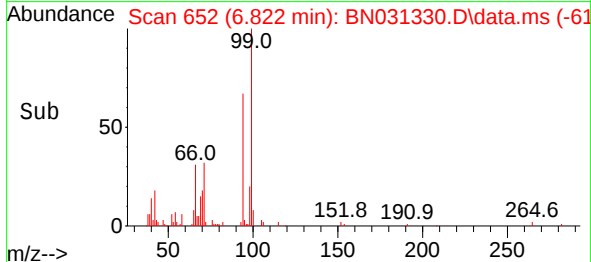
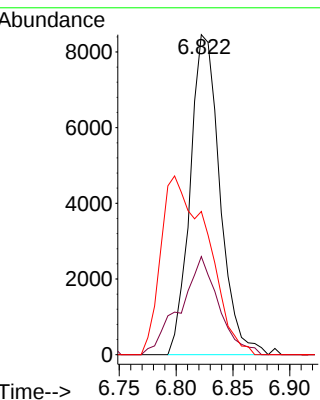
Tgt Ion: 94 Resp: 15421

Ion Ratio Lower Upper

94 100

65 30.6 21.2 31.8

66 44.7 28.9 43.3#



#12

2-Chlorophenol

Concen: 8.394 ng/ul

RT: 7.187 min Scan# 714

Delta R.T. 0.012 min

Lab File: BN031330.D

Acq: 30 Apr 2024 21:14

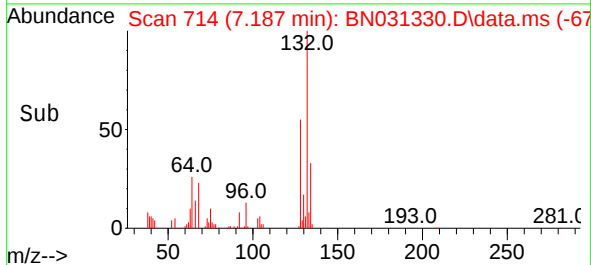
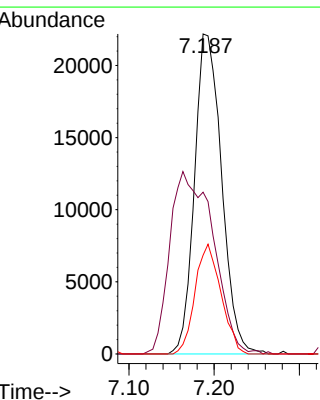
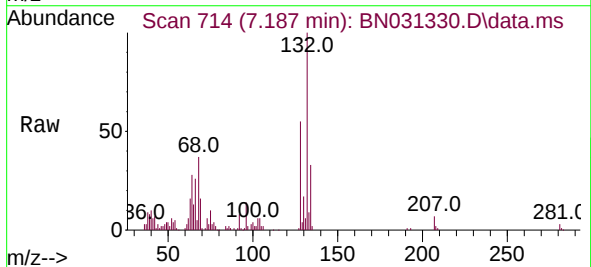
Tgt Ion:128 Resp: 49030

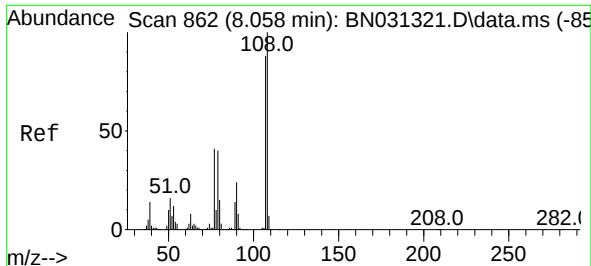
Ion Ratio Lower Upper

128 100

64 50.6 35.8 53.6

130 30.8 27.0 40.4





#13

2-Methylphenol

Concen: 1.614 ng/ul

RT: 8.087 min Scan# 80

Delta R.T. 0.029 min

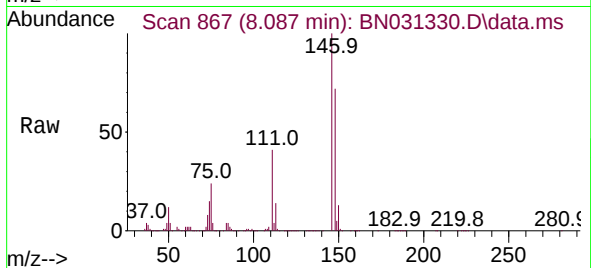
Lab File: BN031330.D

Acq: 30 Apr 2024 21:14

Instrument :

BNA_N

ClientSampleId :

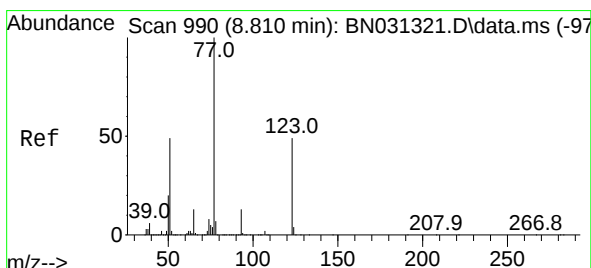
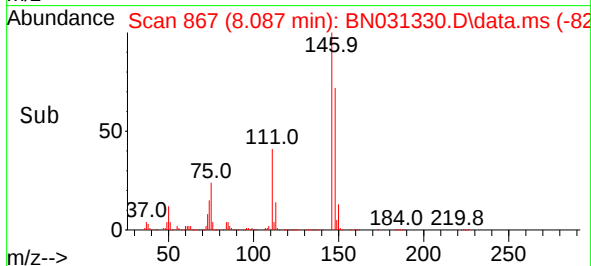
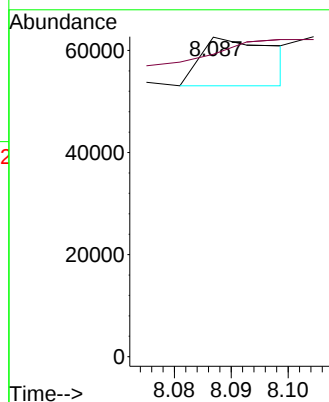


Tgt Ion:108 Resp: 8944

Ion Ratio Lower Upper

108 100

107 94.6 72.3 108.5



#22

Nitrobenzene

Concen: 109.266 ng/ul

RT: 8.828 min Scan# 993

Delta R.T. 0.018 min

Lab File: BN031330.D

Acq: 30 Apr 2024 21:14

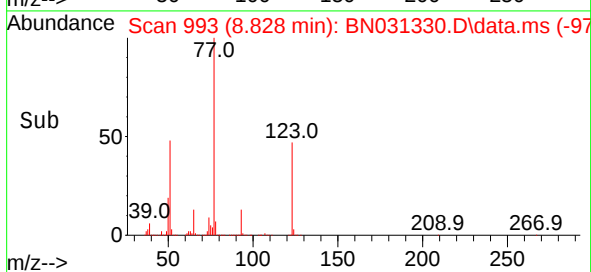
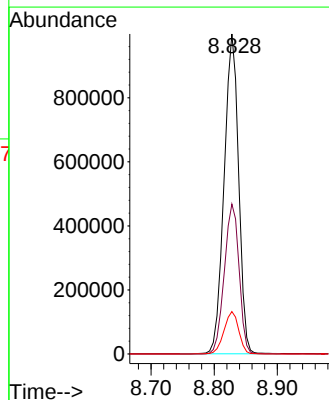
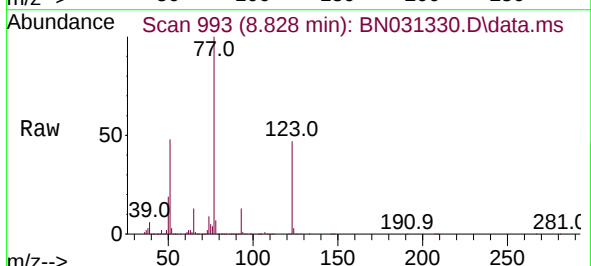
Tgt Ion: 77 Resp: 1592334

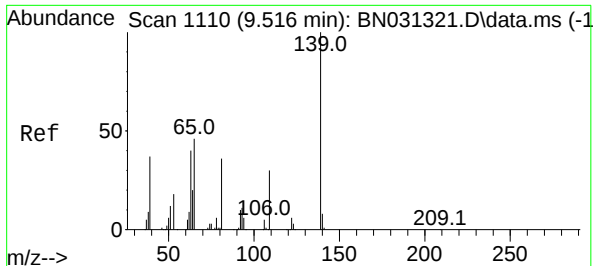
Ion Ratio Lower Upper

77 100

123 46.9 37.3 55.9

65 13.2 10.8 16.2

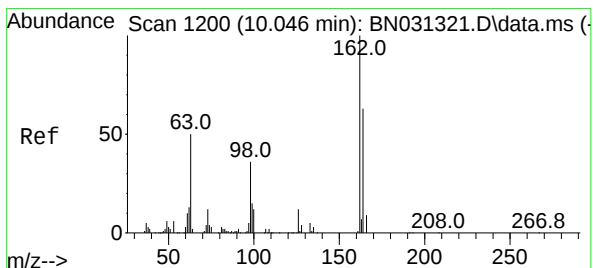
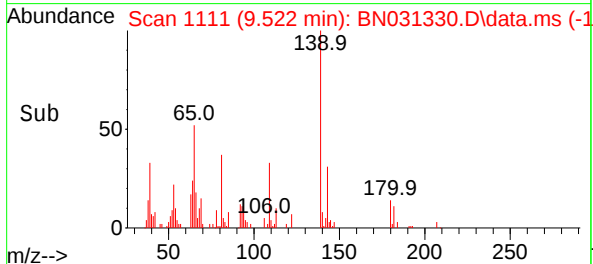
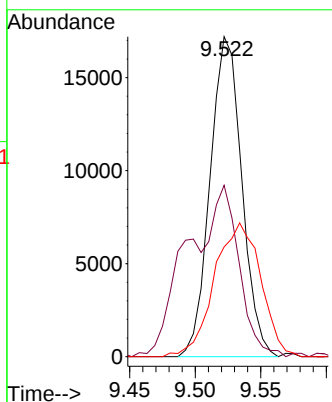
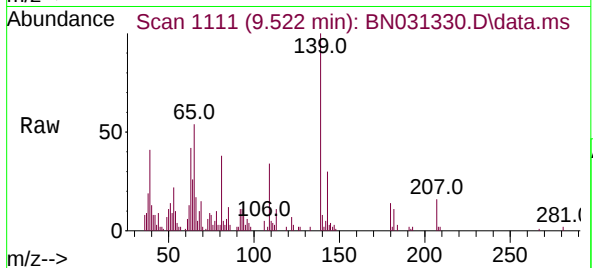




#25
2-Nitrophenol
Concen: 3.971 ng/ul
RT: 9.522 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BN031330.D
Acq: 30 Apr 2024 21:14

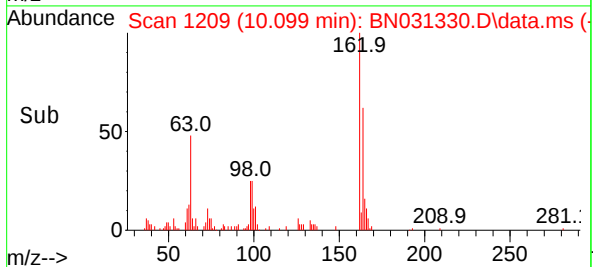
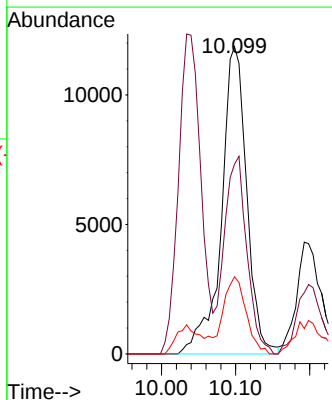
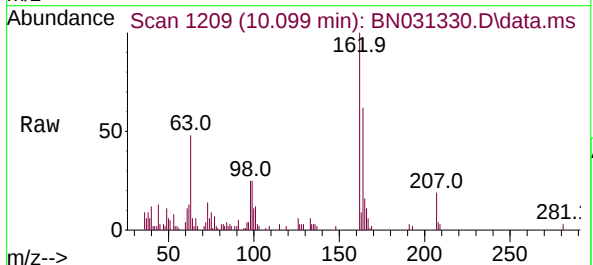
Instrument :
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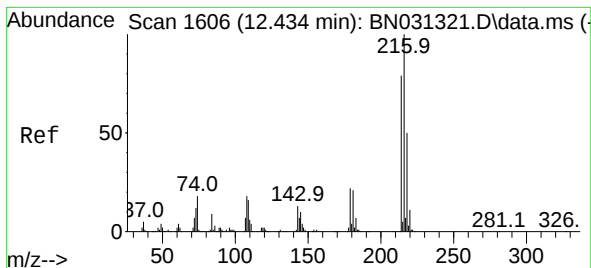
Tgt Ion	Ratio	Lower	Upper
139	100		
65	53.6	39.5	59.3
109	34.3	25.4	38.2



#29
2,4-Dichlorophenol
Concen: 2.299 ng/ul
RT: 10.099 min Scan# 1209
Delta R.T. 0.053 min
Lab File: BN031330.D
Acq: 30 Apr 2024 21:14

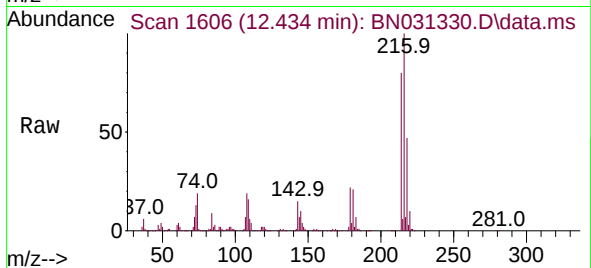
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.7	52.6	78.8
98	25.1	29.5	44.3



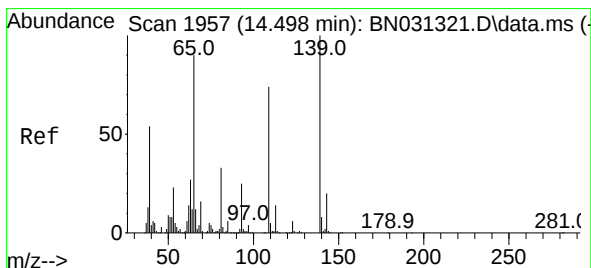
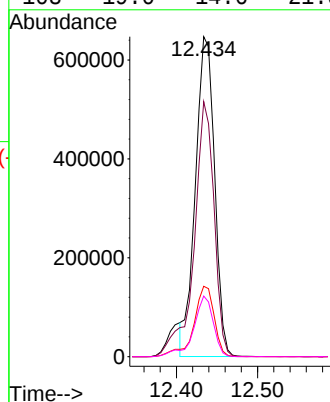
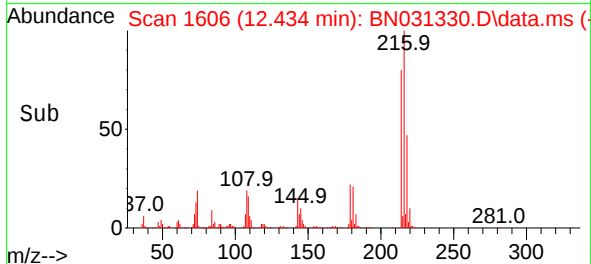


#39
1,2,4,5-Tetrachlorobenzene
Concen: 71.102 ng/ul
RT: 12.434 min Scan# 1063902
Delta R.T. -0.000 min
Lab File: BN031330.D
Acq: 30 Apr 2024 21:14

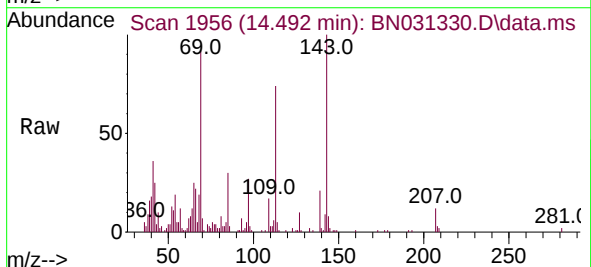
Instrument :
BNA_N
ClientSampleId :



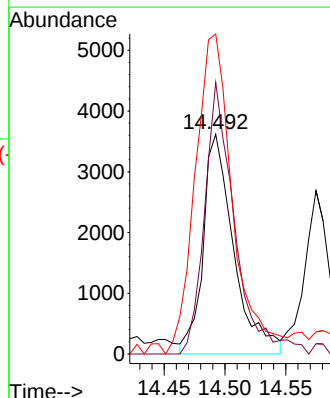
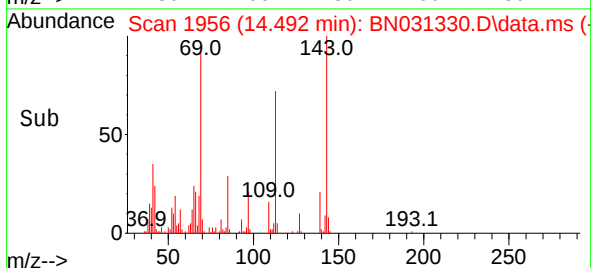
Tgt Ion:216 Resp: 1063902
Ion Ratio Lower Upper
216 100
214 79.7 64.5 96.7
179 22.0 17.1 25.7
108 19.0 14.6 21.8

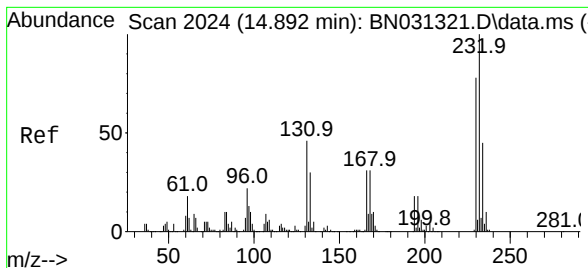


#55
4-Nitrophenol
Concen: 1.139 ng/ul
RT: 14.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BN031330.D
Acq: 30 Apr 2024 21:14



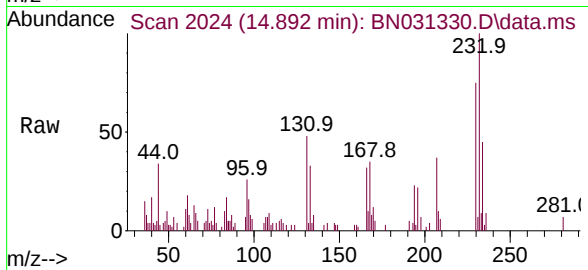
Tgt Ion:109 Resp: 6324
Ion Ratio Lower Upper
109 100
139 123.6 106.2 159.2
65 145.7 99.9 149.9



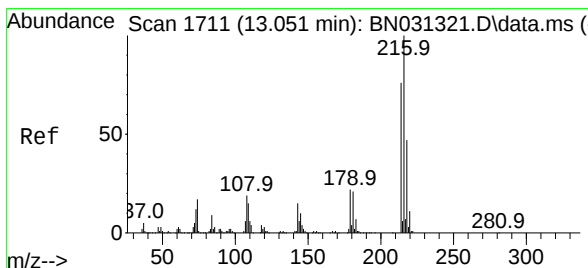
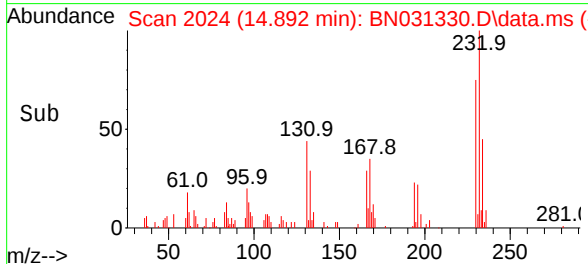
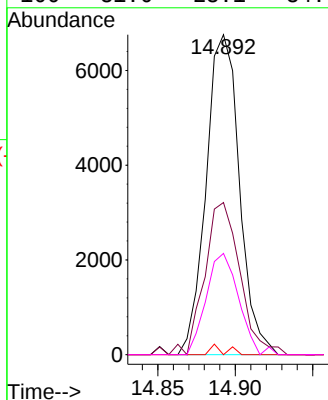


#58
2,3,4,6-Tetrachlorophenol
Concen: 1.076 ng/ul
RT: 14.892 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN031330.D
Acq: 30 Apr 2024 21:14

Instrument :
BNA_N
ClientSampleId :

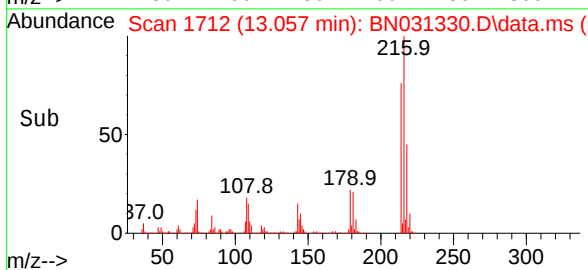
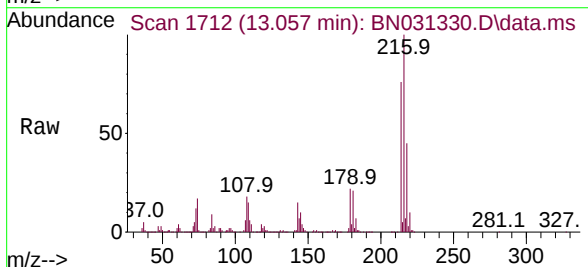
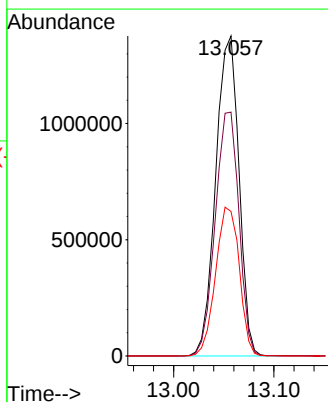


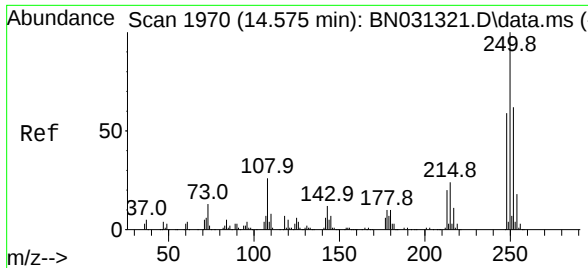
Tgt Ion:232 Resp: 10092
Ion Ratio Lower Upper
232 100
131 47.5 35.9 53.9
130 0.0 1.9 2.9#
166 31.6 23.1 34.7



#75
1,2,3,4-Tetrachlorobenzene
Concen: 142.087 ng/uL
RT: 13.057 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BN031330.D
Acq: 30 Apr 2024 21:14

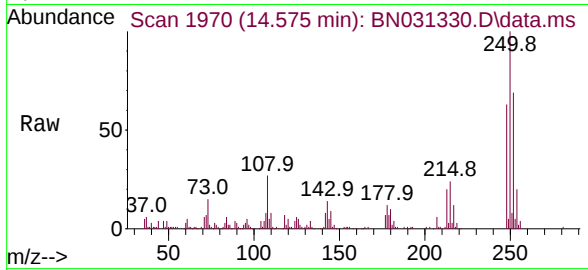
Tgt Ion:216 Resp: 2210268
Ion Ratio Lower Upper
216 100
214 76.2 61.7 92.5
218 45.1 39.4 59.0





#76
 Pentachlorobenzene
 Concen: 4.687 ng/uL
 RT: 14.575 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BN031330.D
 Acq: 30 Apr 2024 21:14

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:250 Resp: 71497

Ion	Ratio	Lower	Upper
250	100		
248	62.6	51.0	76.6
252	68.8	48.2	72.2

