

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
 Data File : BN025079.D
 Acq On : 22 Apr 2023 16:56
 Operator : CG/JU
 Sample : 2378-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMK8

Quant Time: Apr 23 00:41:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 23 00:37:14 2023
 Response via : Initial Calibration

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

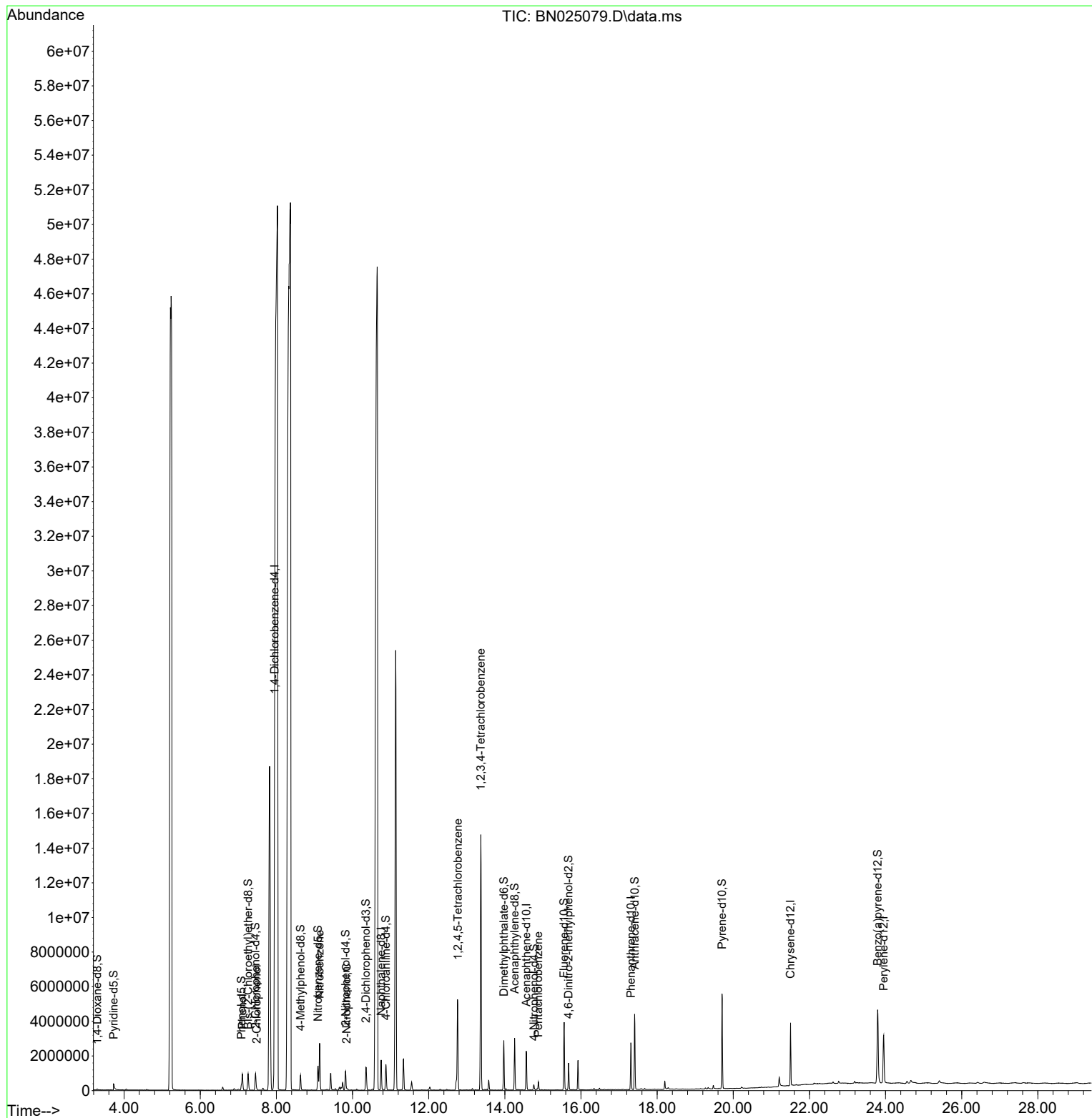
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	200719	20.000	ng/u1	0.04
20) Naphthalene-d8	10.751	136	1125325	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.563	164	686957	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	1493952	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	1471446	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	1860268	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	27605	5.234	ng/uL	0.00
4) Pyridine-d5	3.722	84	202767	12.840	ng/u1	0.00
7) Phenol-d5	7.081	99	159780	8.165	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	500720	38.256	ng/u1	0.01
11) 2-Chlorophenol-d4	7.452	132	418997	29.135	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	282924	18.212	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	276751	30.374	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	293852	29.774	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	457703	25.947	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	687007	25.663	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	1592425	29.902	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1737379	28.470	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	62611	5.735	ng/u1	0.00
60) Fluorene-d10	15.557	176	1402517	31.193	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	243062	25.000	ng/u1	0.00
73) Anthracene-d10	17.410	188	2245777	32.007	ng/u1	0.00
81) Pyrene-d10	19.704	212	2781166	32.549	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	3205413	32.955	ng/u1	0.01
Target Compounds						
8) Phenol	7.105	94	467575	22.943	ng/u1	100
12) 2-Chlorophenol	7.481	128	29164	1.942	ng/u1	88
22) Nitrobenzene	9.134	77	1315292	53.722	ng/u1	98
25) 2-Nitrophenol	9.846	139	17516	1.645	ng/u1#	91
39) 1,2,4,5-Tetrachloroben...	12.763	216	1591539	79.426	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	4049995	190.597	ng/uL	99
76) Pentachlorobenzene	14.881	250	104807	5.155	ng/uL	96

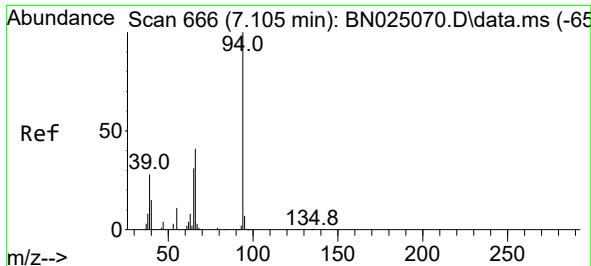
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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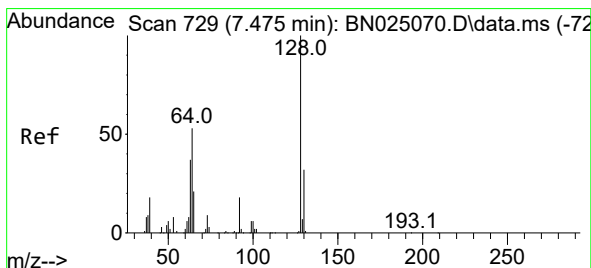
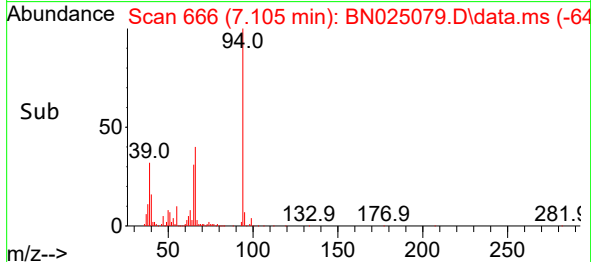
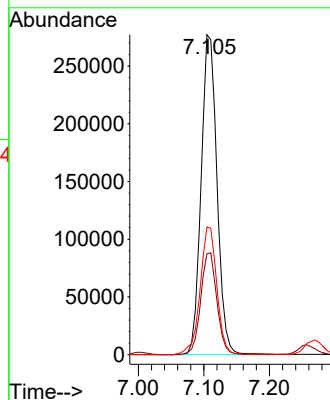
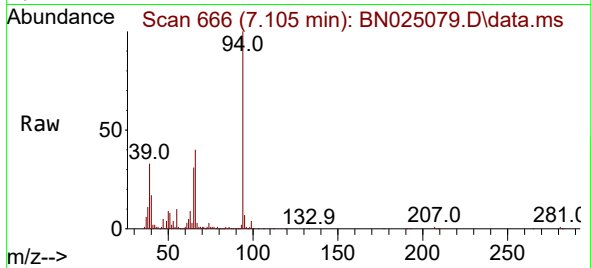




#8
Phenol
Concen: 22.943 ng/ul
RT: 7.105 min Scan# 666
Delta R.T. -0.000 min
Lab File: BN025079.D
Acq: 22 Apr 2023 16:56

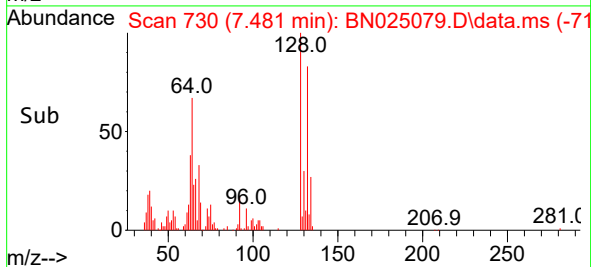
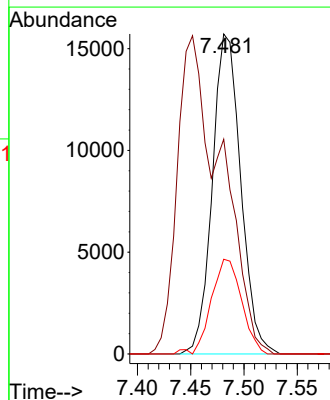
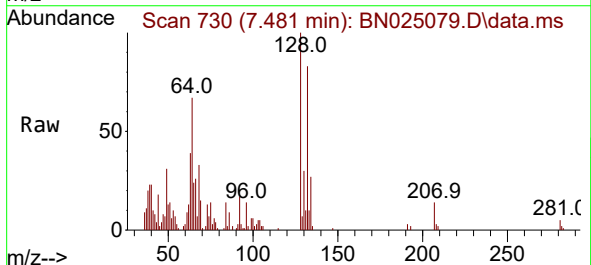
Instrument :
BNA_N
ClientSampleId :
COMK8

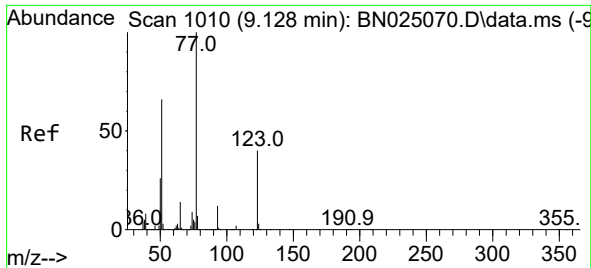
Tgt Ion: 94 Resp: 467575
Ion Ratio Lower Upper
94 100
65 31.5 25.1 37.7
66 39.9 31.9 47.9



#12
2-Chlorophenol
Concen: 1.942 ng/ul
RT: 7.481 min Scan# 730
Delta R.T. 0.006 min
Lab File: BN025079.D
Acq: 22 Apr 2023 16:56

Tgt Ion:128 Resp: 29164
Ion Ratio Lower Upper
128 100
64 67.1 44.8 67.2
130 29.6 26.6 39.8

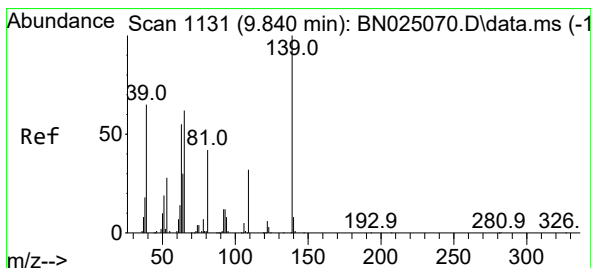
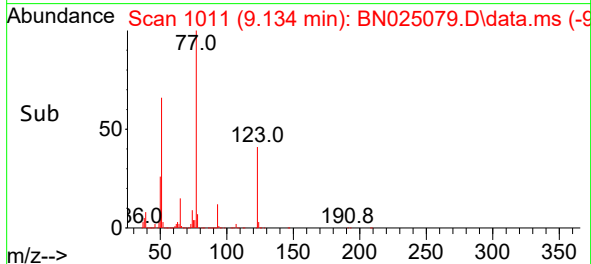
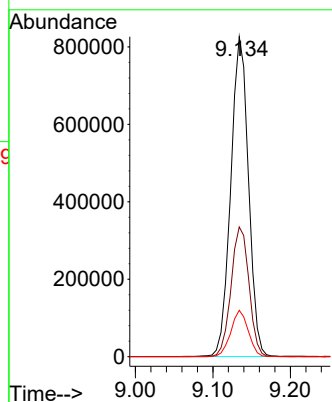
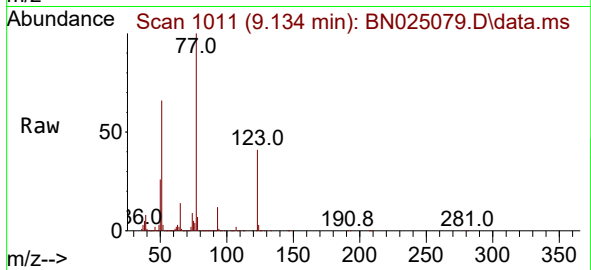




#22
Nitrobenzene
Concen: 53.722 ng/ul
RT: 9.134 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BN025079.D
Acq: 22 Apr 2023 16:56

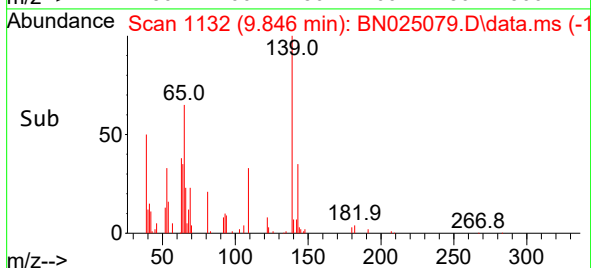
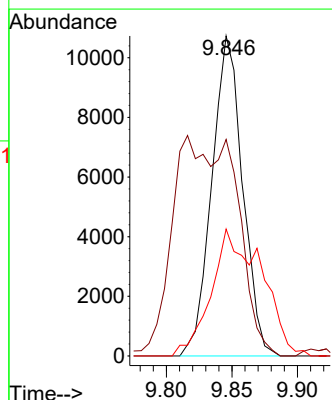
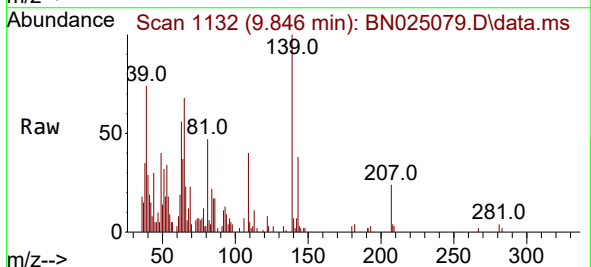
Instrument :
BNA_N
ClientSampleId :
COMK8

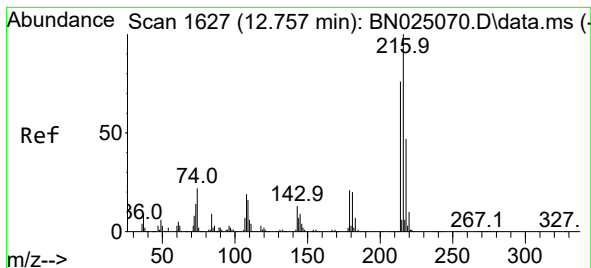
Tgt Ion: 77 Resp: 1315292
Ion Ratio Lower Upper
77 100
123 40.6 33.5 50.3
65 14.5 11.8 17.8



#25
2-Nitrophenol
Concen: 1.645 ng/ul
RT: 9.846 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BN025079.D
Acq: 22 Apr 2023 16:56

Tgt Ion:139 Resp: 17516
Ion Ratio Lower Upper
139 100
65 67.7 49.8 74.8
109 39.7 26.2 39.2#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 79.426 ng/ul

RT: 12.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN025079.D

Acq: 22 Apr 2023 16:56

Instrument :

BNA_N

ClientSampleId :

COMK8

Tgt Ion:216 Resp: 1591539

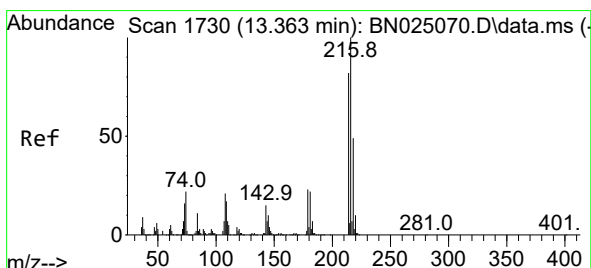
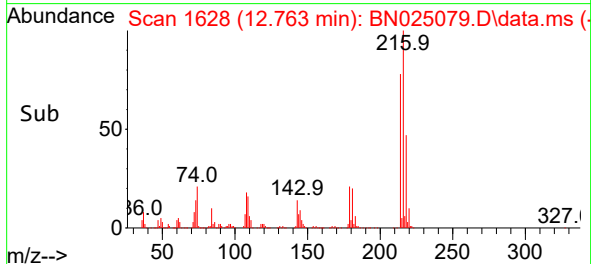
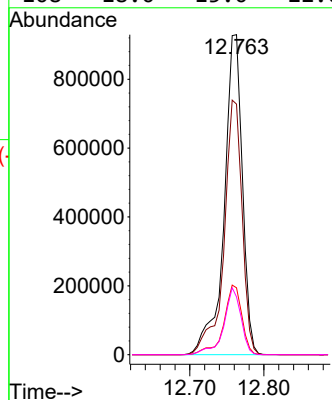
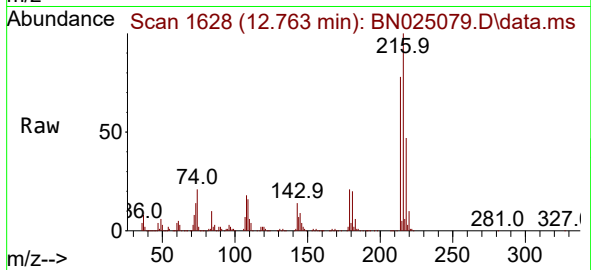
Ion Ratio Lower Upper

216 100

214 78.3 62.2 93.4

179 20.9 16.8 25.2

108 18.0 15.0 22.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 190.597 ng/uL

RT: 13.369 min Scan# 1731

Delta R.T. 0.006 min

Lab File: BN025079.D

Acq: 22 Apr 2023 16:56

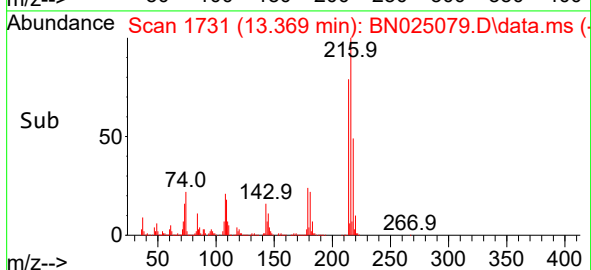
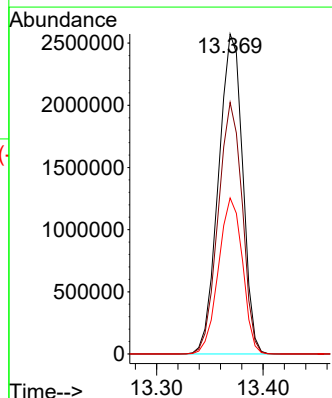
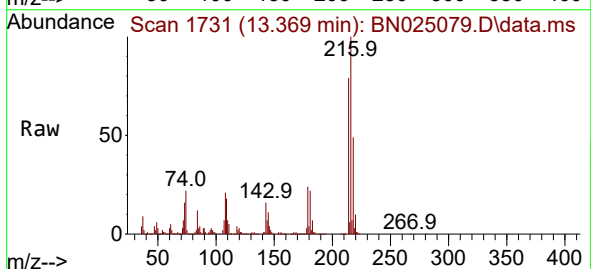
Tgt Ion:216 Resp: 4049995

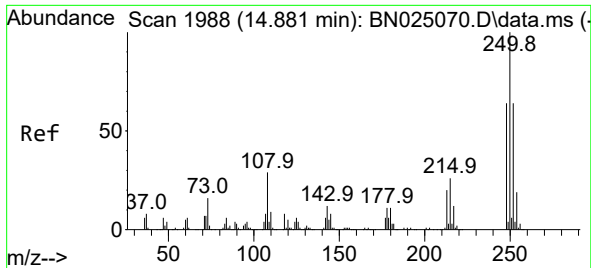
Ion Ratio Lower Upper

216 100

214 78.6 62.5 93.7

218 48.7 37.7 56.5





#76

Pentachlorobenzene

Concen: 5.155 ng/uL

RT: 14.881 min Scan# 1988

Delta R.T. -0.000 min

Lab File: BN025079.D

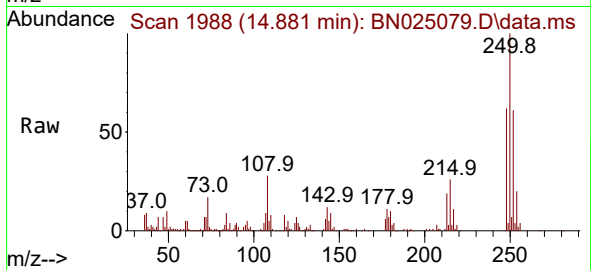
Acq: 22 Apr 2023 16:56

Instrument :

BNA_N

ClientSampleId :

COMK8



Tgt Ion:250 Resp: 104807

Ion Ratio Lower Upper

250 100

248 61.9 50.8 76.2

252 60.8 51.8 77.6

