

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
 Data File : BN030917.D
 Acq On : 14 Apr 2024 16:19
 Operator : MA/JU
 Sample : P2006-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MCORE9

Quant Time: Apr 14 22:23:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 14 22:12:55 2024
 Response via : Initial Calibration

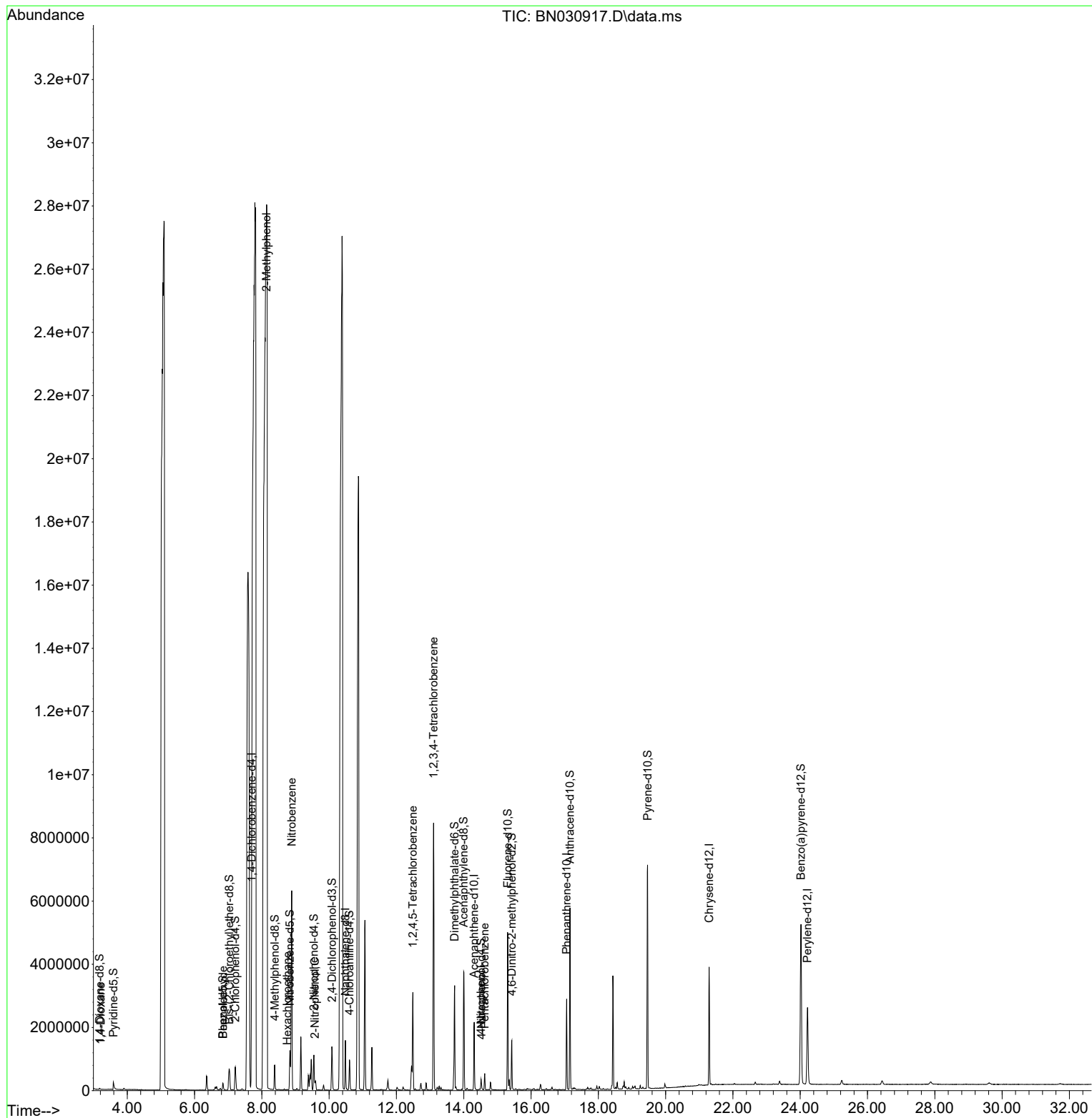
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	94071	20.000	ng/u1	0.03
20) Naphthalene-d8	10.481	136	1090713	20.000	ng/u1	0.04
38) Acenaphthene-d10	14.310	164	733543	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1639556	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1831468	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	2072577	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	22342	11.135	ng/uL	0.00
4) Pyridine-d5	3.587	84	169775	28.222	ng/u1	0.00
7) Phenol-d5	6.840	99	144012	18.924	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	489630	104.172	ng/u1	0.02
11) 2-Chlorophenol-d4	7.211	132	482517	83.583	ng/u1	0.01
15) 4-Methylphenol-d8	8.381	113	295653	46.356	ng/u1	0.01
21) Nitrobenzene-d5	8.834	128	340477	45.000	ng/u1	0.01
24) 2-Nitrophenol-d4	9.546	143	357581	51.661	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.081	165	583198	38.487	ng/u1	0.01
31) 4-Chloroaniline-d4	10.604	131	542033	21.728	ng/u1	0.01
46) Dimethylphthalate-d6	13.728	166	2128125	43.453	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2530299	44.935	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	78637	8.394	ng/u1	0.00
60) Fluorene-d10	15.304	176	1932611	45.094	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	326619	45.132	ng/u1	0.00
73) Anthracene-d10	17.157	188	3176033	44.959	ng/u1	0.00
81) Pyrene-d10	19.463	212	4016989	40.795	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	4507165	47.196	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	3038	1.413	ng/uL#	81
6) Benzaldehyde	6.846	77	3929	1.109	ng/u1#	72
13) 2-Methylphenol	8.140	108	330907	54.168	ng/u1	92
19) Hexachloroethane	8.752	117	3542	1.364	ng/u1	96
22) Nitrobenzene	8.887	77	3651584	197.702	ng/u1	99
25) 2-Nitrophenol	9.575	139	56987	7.005	ng/u1	95
39) 1,2,4,5-Tetrachloroben...	12.487	216	917798	48.482	ng/u1	96
55) 4-Nitrophenol	14.528	109	10566	1.424	ng/u1	94
75) 1,2,3,4-Tetrachloroben...	13.104	216	2634131	130.774	ng/uL	99
76) Pentachlorobenzene	14.622	250	127235	6.219	ng/uL	96

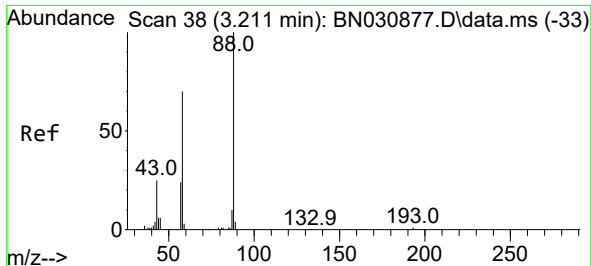
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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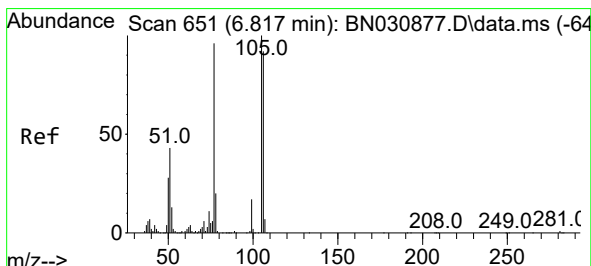
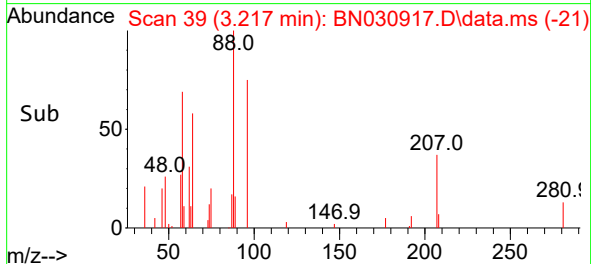
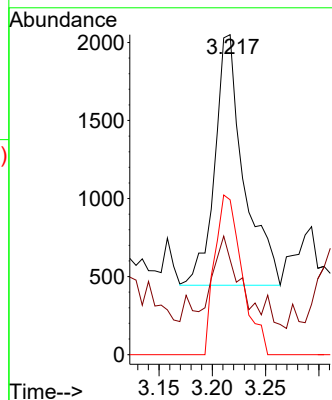
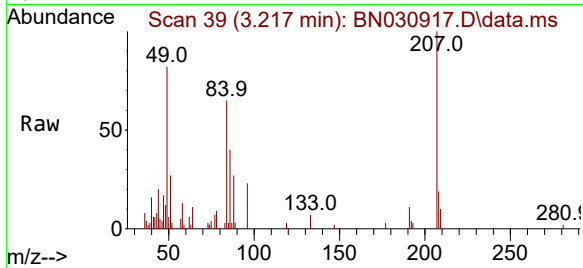




#2
 1,4-Dioxane
 Concen: 1.413 ng/uL
 RT: 3.217 min Scan# 39
 Delta R.T. 0.006 min
 Lab File: BN030917.D
 Acq: 14 Apr 2024 16:19

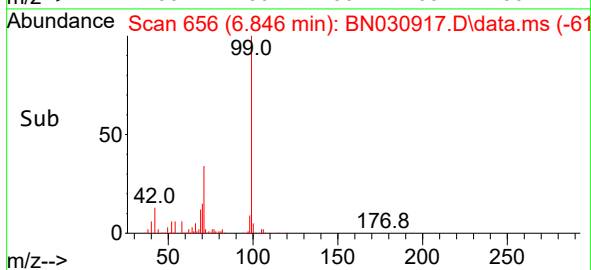
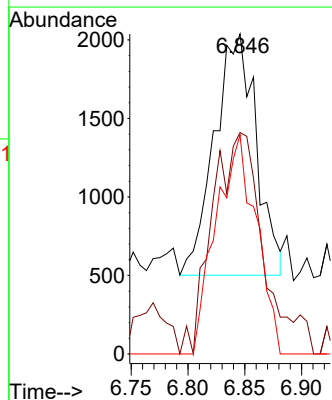
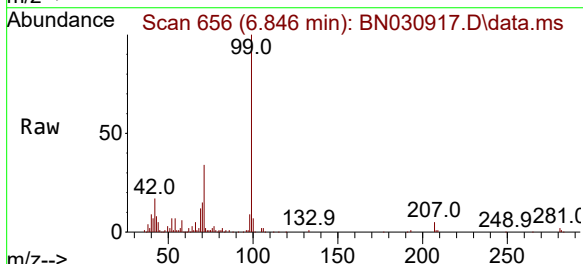
Instrument :
 BNA_N
 ClientSampleId :
 MC0RE9

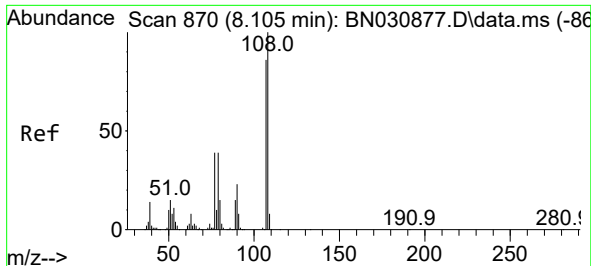
Tgt Ion: 88 Resp: 3038
 Ion Ratio Lower Upper
 88 100
 43 29.7 23.8 35.8
 58 48.4 56.6 84.8#



#6
 Benzaldehyde
 Concen: 1.109 ng/uL
 RT: 6.846 min Scan# 656
 Delta R.T. 0.029 min
 Lab File: BN030917.D
 Acq: 14 Apr 2024 16:19

Tgt Ion: 77 Resp: 3929
 Ion Ratio Lower Upper
 77 100
 105 69.2 78.1 117.1#
 106 68.5 75.6 113.4#





#13

2-Methylphenol

Concen: 54.168 ng/ul

RT: 8.140 min Scan# 81

Delta R.T. 0.035 min

Lab File: BN030917.D

Acq: 14 Apr 2024 16:19

Instrument :

BNA_N

ClientSampleId :

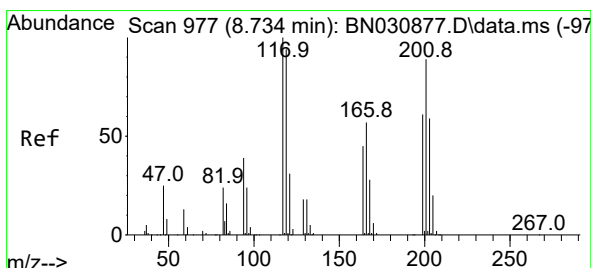
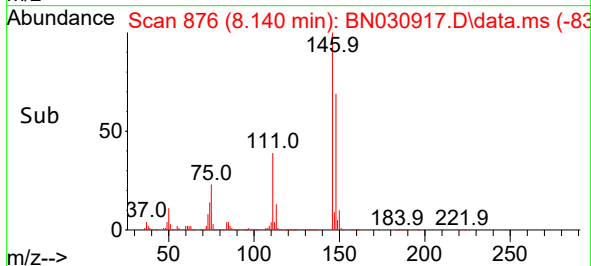
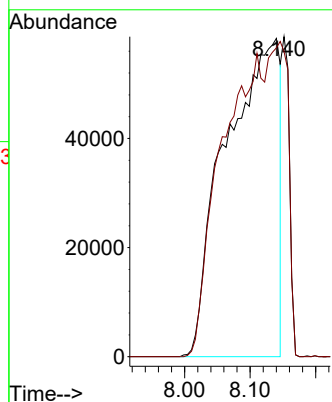
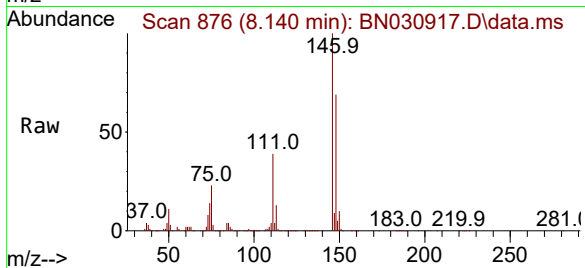
MC0RE9

Tgt Ion:108 Resp: 330907

Ion Ratio Lower Upper

108 100

107 97.0 71.8 107.8



#19

Hexachloroethane

Concen: 1.364 ng/ul

RT: 8.752 min Scan# 980

Delta R.T. 0.018 min

Lab File: BN030917.D

Acq: 14 Apr 2024 16:19

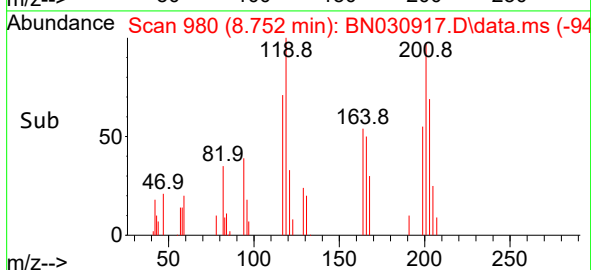
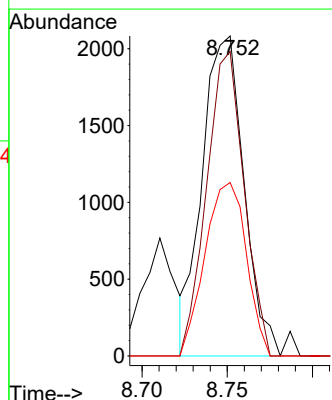
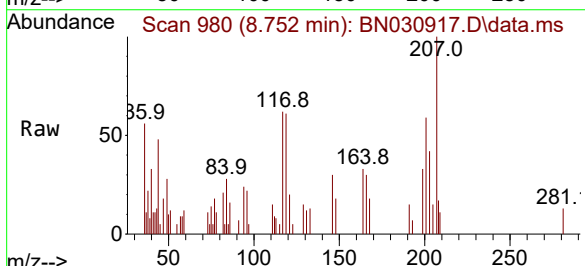
Tgt Ion:117 Resp: 3542

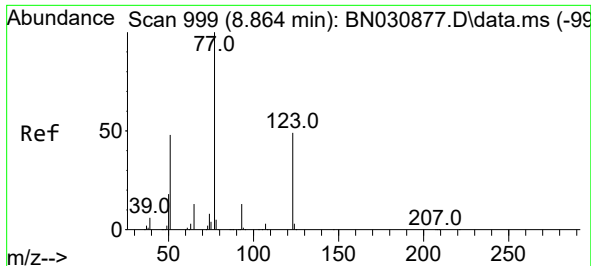
Ion Ratio Lower Upper

117 100

201 95.2 76.5 114.7

199 54.2 48.5 72.7

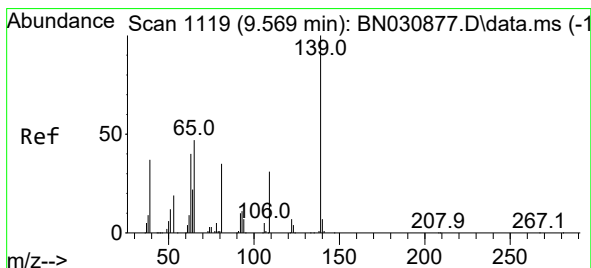
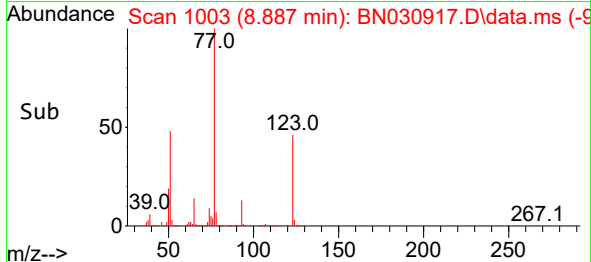
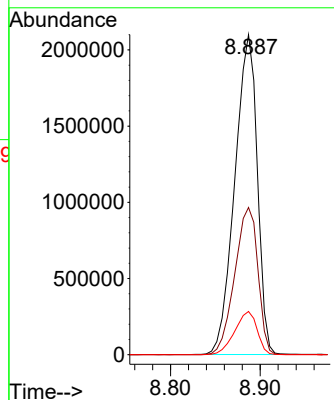
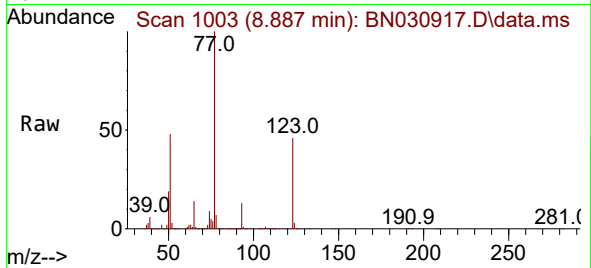




#22
Nitrobenzene
Concen: 197.702 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. 0.023 min
Lab File: BN030917.D
Acq: 14 Apr 2024 16:19

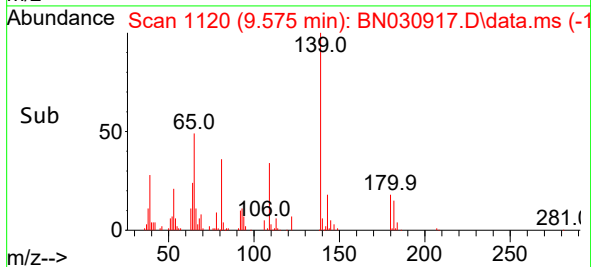
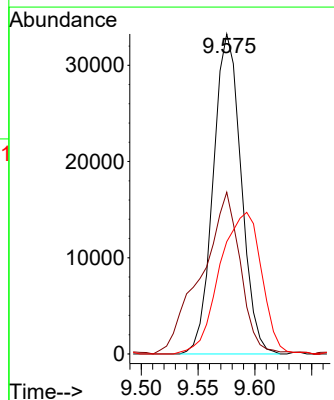
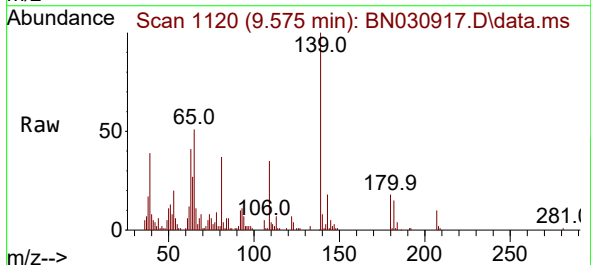
Instrument :
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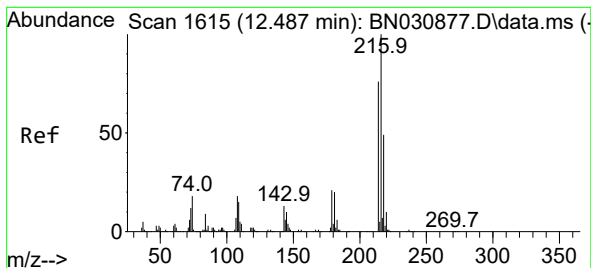
Tgt Ion: 77 Resp: 3651584
Ion Ratio Lower Upper
77 100
123 46.0 37.5 56.3
65 13.5 10.6 15.8



#25
2-Nitrophenol
Concen: 7.005 ng/ul
RT: 9.575 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BN030917.D
Acq: 14 Apr 2024 16:19

Tgt Ion:139 Resp: 56987
Ion Ratio Lower Upper
139 100
65 50.6 39.5 59.3
109 35.1 23.8 35.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.482 ng/ul

RT: 12.487 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BN030917.D

Acq: 14 Apr 2024 16:19

Instrument :

BNA_N

ClientSampleId :

MCORE9

Tgt Ion:216 Resp: 917798

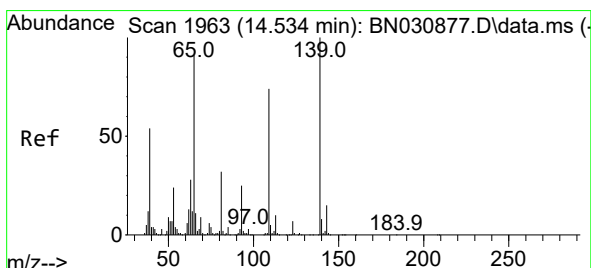
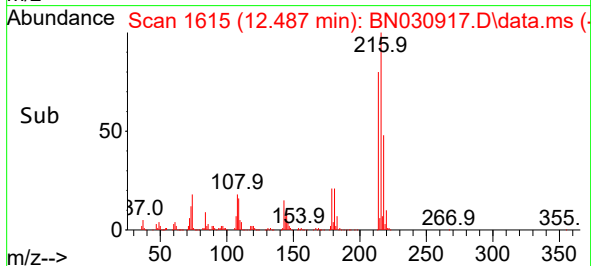
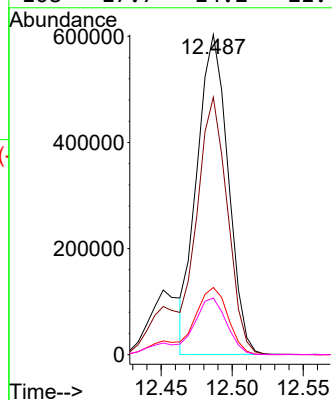
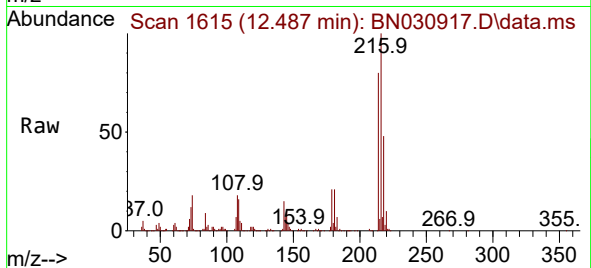
Ion Ratio Lower Upper

216 100

214 80.4 60.9 91.3

179 21.0 17.4 26.0

108 17.7 14.2 21.4



#55

4-Nitrophenol

Concen: 1.424 ng/ul

RT: 14.528 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BN030917.D

Acq: 14 Apr 2024 16:19

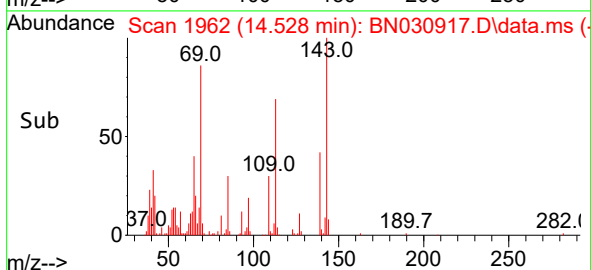
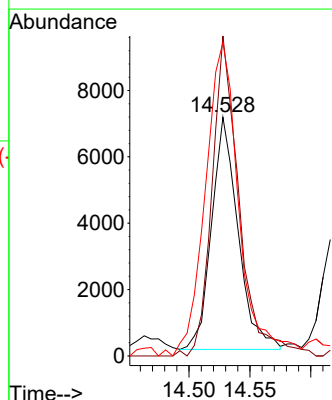
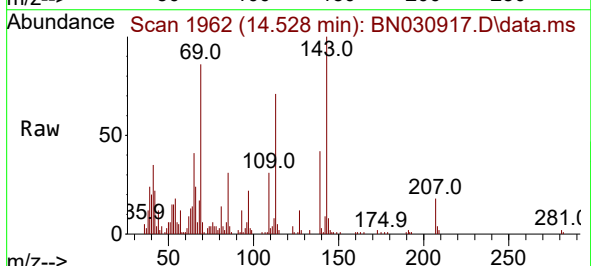
Tgt Ion:109 Resp: 10566

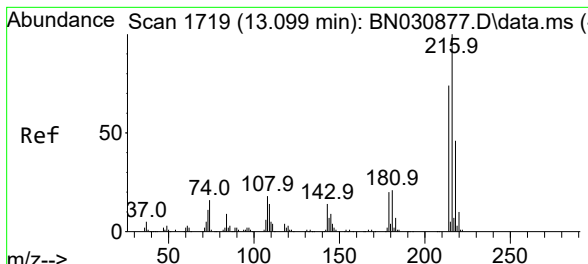
Ion Ratio Lower Upper

109 100

139 134.0 111.8 167.6

65 131.3 98.7 148.1



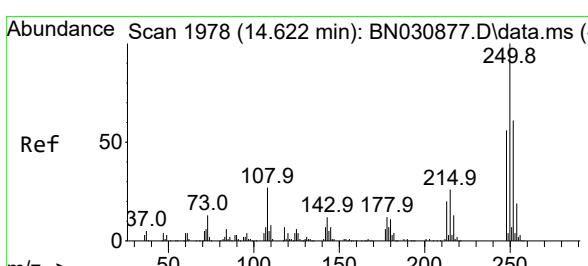
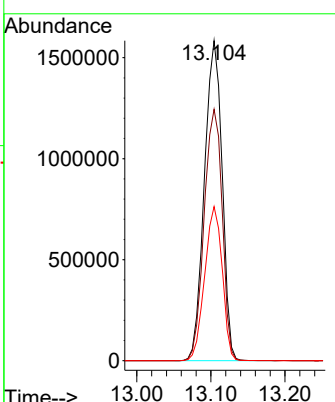
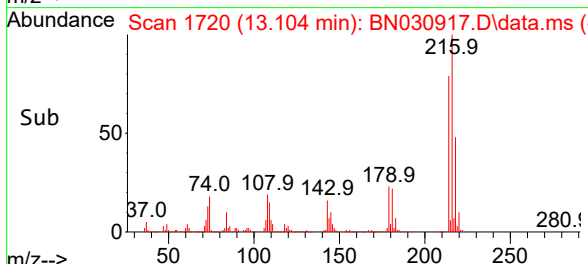
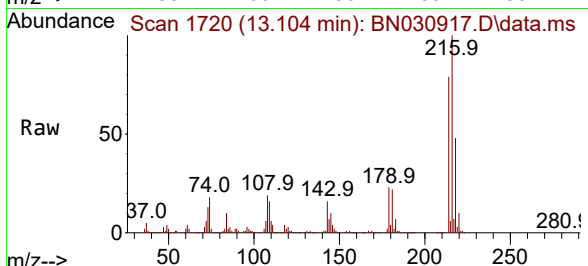


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 130.774 ng/uL
 RT: 13.104 min Scan# 1719
 Delta R.T. 0.006 min
 Lab File: BN030917.D
 Acq: 14 Apr 2024 16:19

Instrument :
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 ClientSampleId :
 MC0RE9

Tgt Ion:216 Resp: 2634131

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.1	94.7
218	48.1	39.5	59.3



#76
 Pentachlorobenzene
 Concen: 6.219 ng/uL
 RT: 14.622 min Scan# 1978
 Delta R.T. -0.000 min
 Lab File: BN030917.D
 Acq: 14 Apr 2024 16:19

Tgt Ion:250 Resp: 127235

Ion	Ratio	Lower	Upper
250	100		
248	62.9	45.8	68.6
252	60.6	48.7	73.1

