

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
 Data File : BN031275.D
 Acq On : 27 Apr 2024 17:23
 Operator : MA/JU
 Sample : P2184-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CORE5

Quant Time: Apr 28 21:15:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 22:57:25 2024
 Response via : Initial Calibration

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

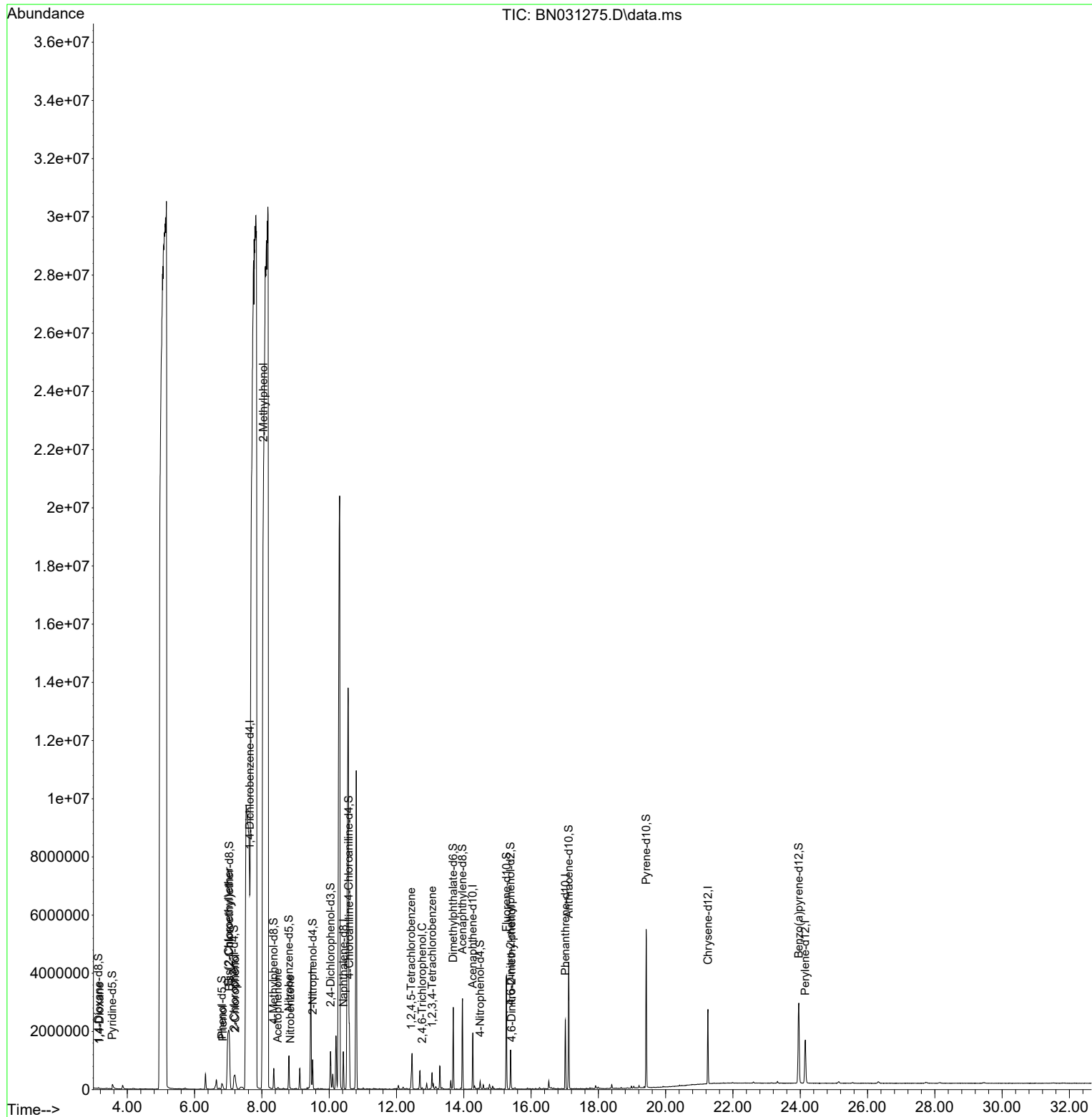
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	25198	20.000	ng/ul	# 0.02
20) Naphthalene-d8	10.422	136	970247	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.269	164	635857	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.021	188	1409644	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1282284	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1237615	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	18838	34.928	ng/uL	0.00
4) Pyridine-d5	3.557	84	139044	89.518	ng/ul	0.01
7) Phenol-d5	6.810	99	139093	65.436	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	562363	454.728	ng/ul	0.06
11) 2-Chlorophenol-d4	7.175	132	436266	263.598	ng/ul	0.02
15) 4-Methylphenol-d8	8.351	113	257130	143.840	ng/ul	0.02
21) Nitrobenzene-d5	8.804	128	279486	40.092	ng/ul	0.02
24) 2-Nitrophenol-d4	9.510	143	306570	42.307	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.040	165	489686	34.268	ng/ul	0.01
31) 4-Chloroaniline-d4	10.581	131	582702	26.094	ng/ul	0.04
46) Dimethylphthalate-d6	13.686	166	1779203	40.210	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	2017659	40.240	ng/ul	0.00
54) 4-Nitrophenol-d4	14.486	143	70575	7.642	ng/ul	0.00
60) Fluorene-d10	15.269	176	1521057	39.488	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	267018	37.545	ng/ul	0.00
73) Anthracene-d10	17.116	188	2456196	40.200	ng/ul	0.00
81) Pyrene-d10	19.421	212	2851149	45.249	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.956	264	2458897	41.897	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	1994	3.489	ng/uL#	62
8) Phenol	6.840	94	63010	28.752	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.010	93	3340757	1932.048	ng/ul#	28
12) 2-Chlorophenol	7.210	128	172834	100.466	ng/ul	94
13) 2-Methylphenol	8.045	108	114778	67.584	ng/ul	88
16) Acetophenone	8.475	105	22217	8.021	ng/ul#	95
22) Nitrobenzene	8.845	77	17462	1.061	ng/ul	89
32) 4-Chloroaniline	10.598	127	755017	34.796	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.439	216	110081	6.616	ng/ul	97
41) 2,4,6-Trichlorophenol	12.763	196	11544	1.042	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.416	198	10618	1.390	ng/ul#	75
75) 1,2,3,4-Tetrachloroben...	13.057	216	164749	9.964	ng/uL	98

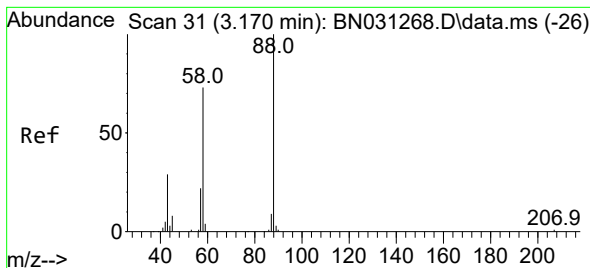
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
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Quant Title : SVOA CALIBRATION
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#2

1,4-Dioxane

Concen: 3.489 ng/uL

RT: 3.175 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN031275.D

Acq: 27 Apr 2024 17:23

Instrument :

BNA_N

ClientSampleId :

CORE5

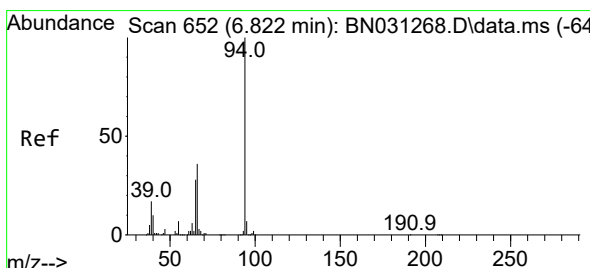
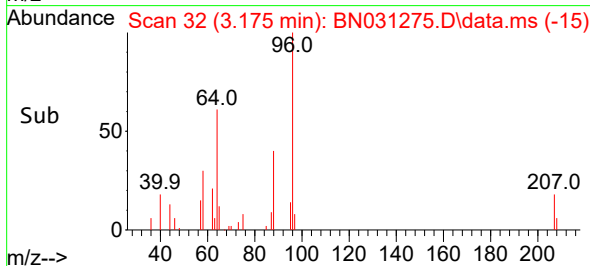
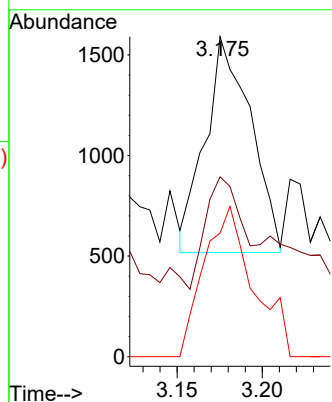
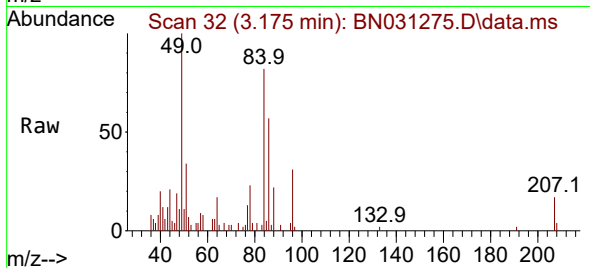
Tgt Ion: 88 Resp: 1994

Ion Ratio Lower Upper

88 100

43 56.2 22.2 33.2#

58 38.6 50.2 75.2#



#8

Phenol

Concen: 28.752 ng/uL

RT: 6.840 min Scan# 655

Delta R.T. 0.012 min

Lab File: BN031275.D

Acq: 27 Apr 2024 17:23

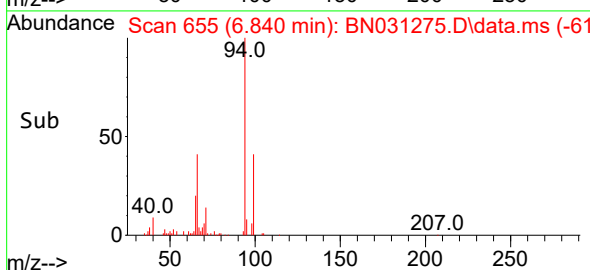
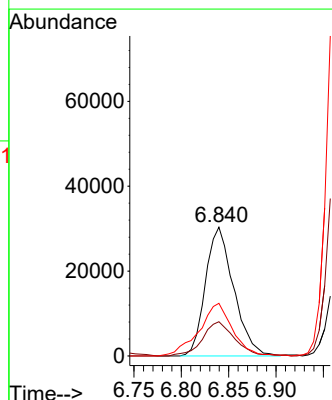
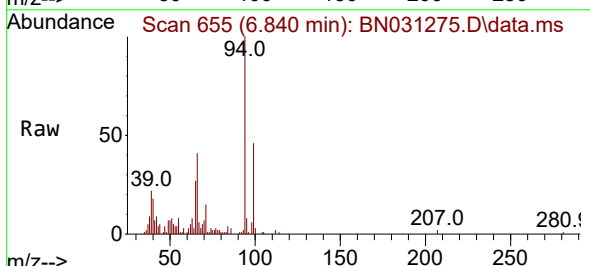
Tgt Ion: 94 Resp: 63010

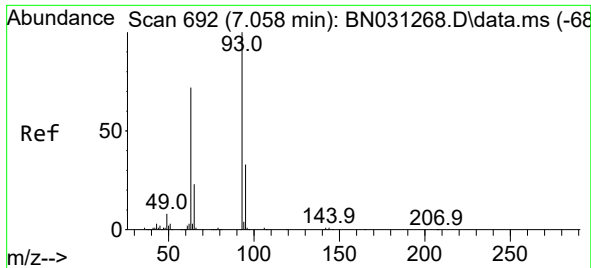
Ion Ratio Lower Upper

94 100

65 26.6 22.0 33.0

66 40.9 29.8 44.6

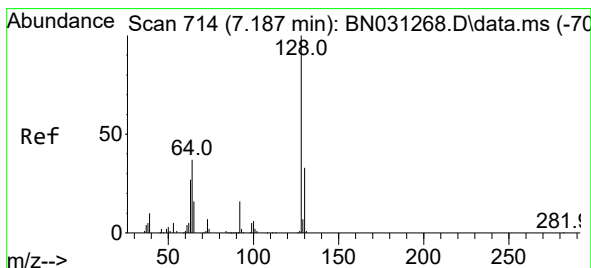
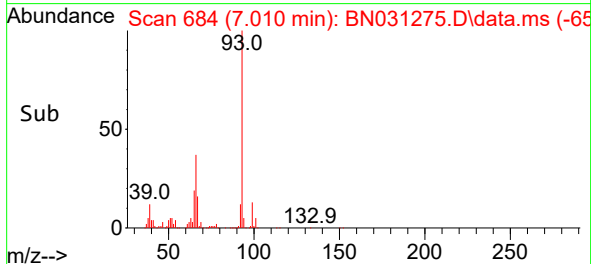
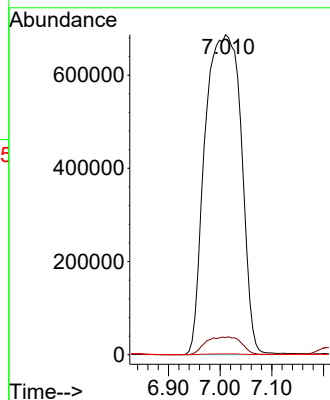
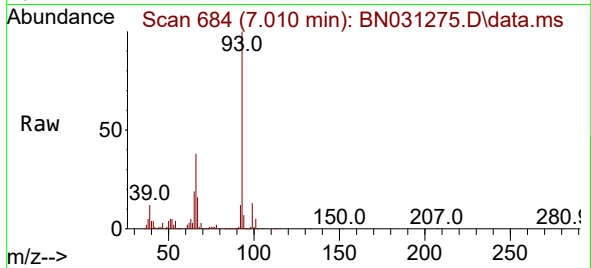




#10
Bis(2-Chloroethyl)ether
Concen: 1932.048 ng/ul
RT: 7.010 min Scan# 692
Delta R.T. -0.047 min
Lab File: BN031275.D
Acq: 27 Apr 2024 17:23

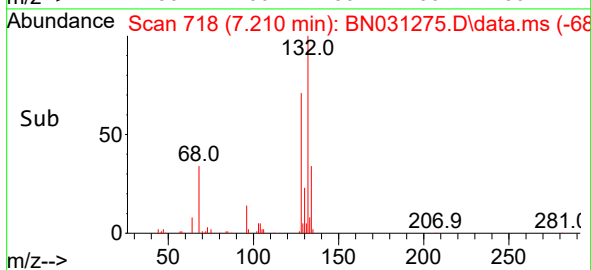
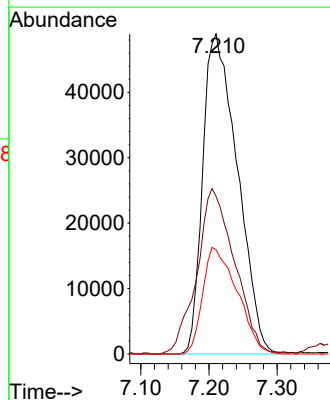
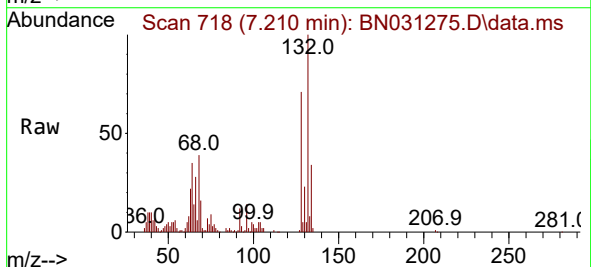
Instrument :
BNA_N
ClientSampleId :
CORE5

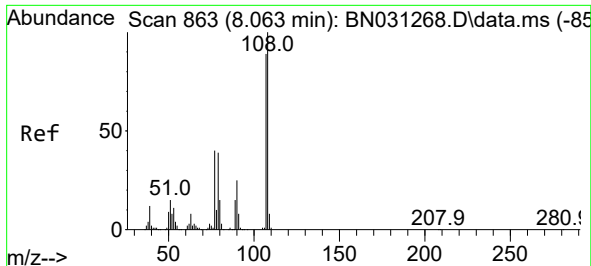
Tgt Ion: 93 Resp: 3340757
Ion Ratio Lower Upper
93 100
63 5.4 57.1 85.7#
95 0.2 24.9 37.3#



#12
2-Chlorophenol
Concen: 100.466 ng/ul
RT: 7.210 min Scan# 718
Delta R.T. 0.023 min
Lab File: BN031275.D
Acq: 27 Apr 2024 17:23

Tgt Ion:128 Resp: 172834
Ion Ratio Lower Upper
128 100
64 49.2 34.9 52.3
130 32.6 27.0 40.4

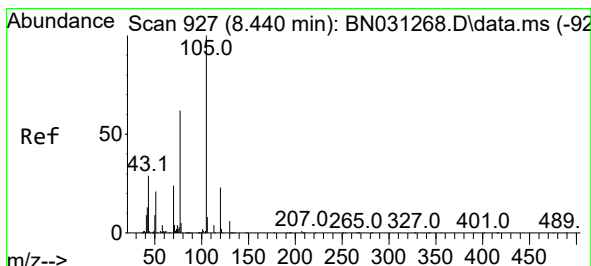
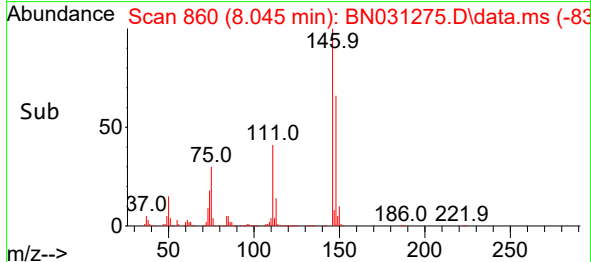
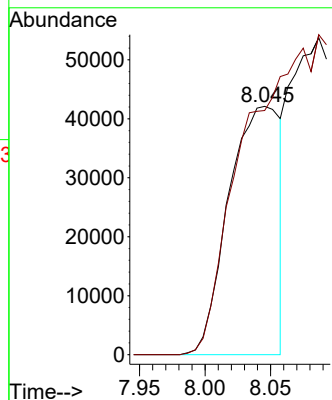
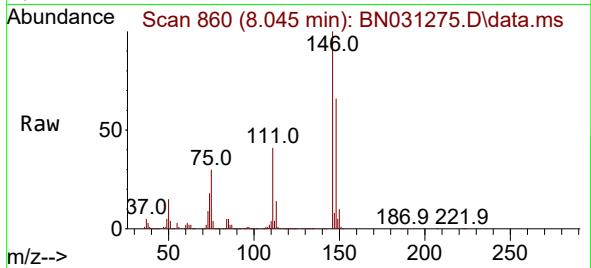




#13
2-Methylphenol
Concen: 67.584 ng/ul
RT: 8.045 min Scan# 80
Delta R.T. -0.024 min
Lab File: BN031275.D
Acq: 27 Apr 2024 17:23

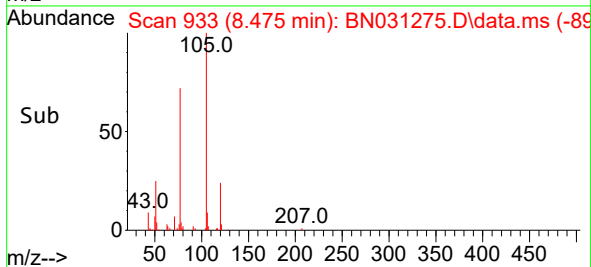
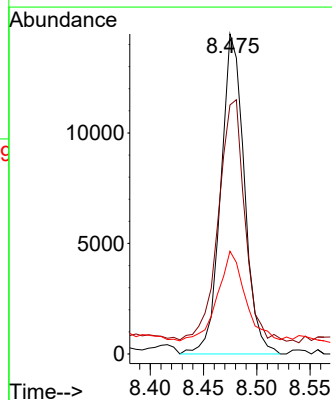
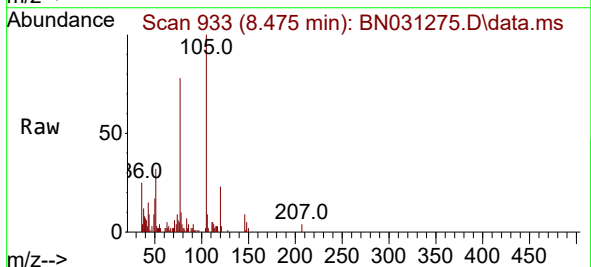
Instrument :
BNA_N
ClientSampleId :
CORE5

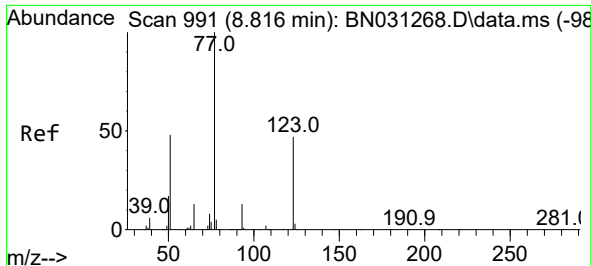
Tgt Ion:108 Resp: 114778
Ion Ratio Lower Upper
108 100
107 98.3 70.1 105.1



#16
Acetophenone
Concen: 8.021 ng/ul
RT: 8.475 min Scan# 933
Delta R.T. 0.029 min
Lab File: BN031275.D
Acq: 27 Apr 2024 17:23

Tgt Ion:105 Resp: 22217
Ion Ratio Lower Upper
105 100
77 77.8 60.2 90.4
51 32.1 20.6 31.0#

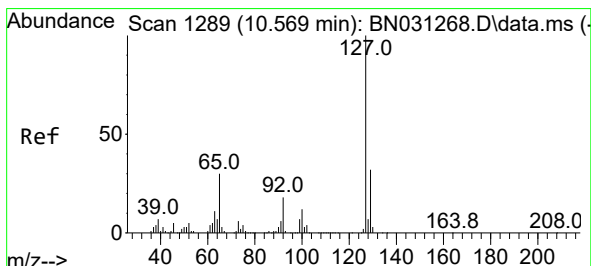
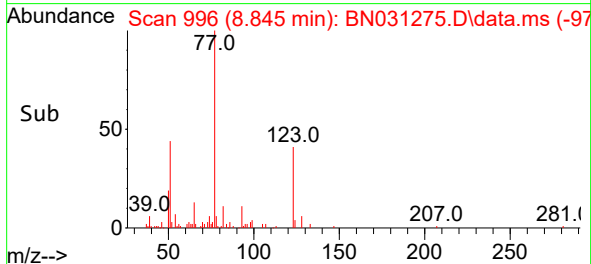
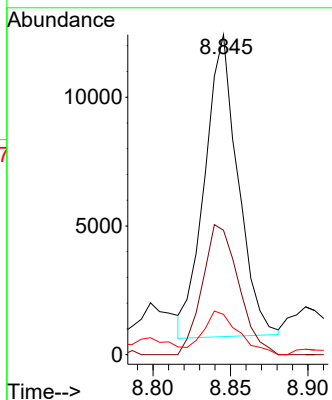
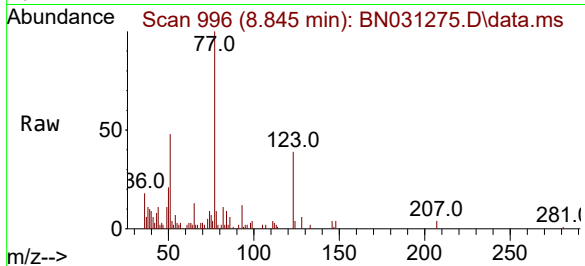




#22
Nitrobenzene
Concen: 1.061 ng/ul
RT: 8.845 min Scan# 991
Delta R.T. 0.023 min
Lab File: BN031275.D
Acq: 27 Apr 2024 17:23

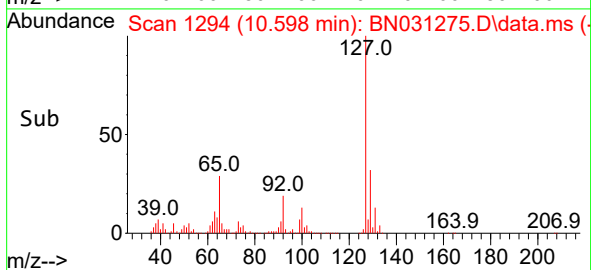
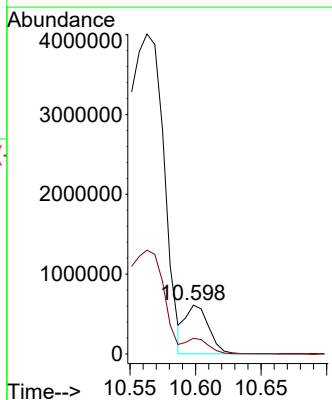
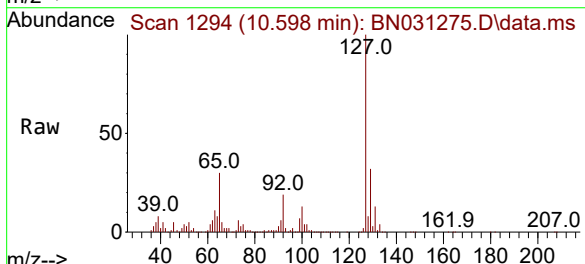
Instrument :
BNA_N
ClientSampleId :
CORE5

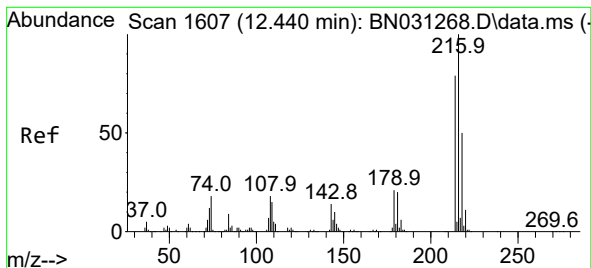
Tgt Ion: 77 Resp: 17462
Ion Ratio Lower Upper
77 100
123 38.9 38.2 57.2
65 12.6 10.7 16.1



#32
4-Chloroaniline
Concen: 34.796 ng/ul
RT: 10.598 min Scan# 1294
Delta R.T. 0.029 min
Lab File: BN031275.D
Acq: 27 Apr 2024 17:23

Tgt Ion: 127 Resp: 755017
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 6.616 ng/ul

RT: 12.439 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN031275.D

Acq: 27 Apr 2024 17:23

Instrument :

BNA_N

ClientSampleId :

CORE5

Tgt Ion:216 Resp: 110081

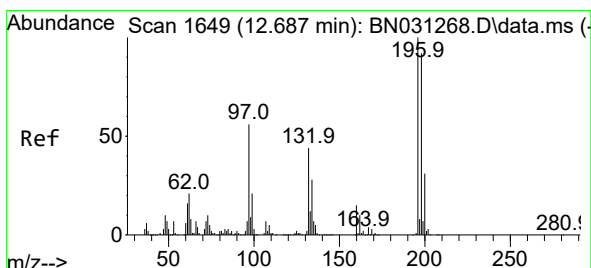
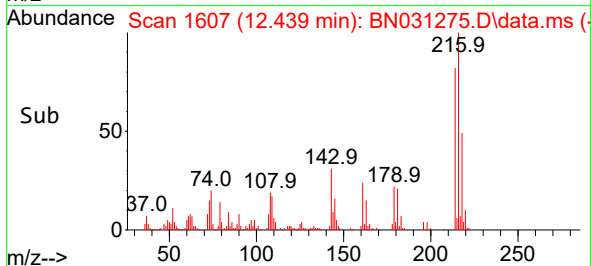
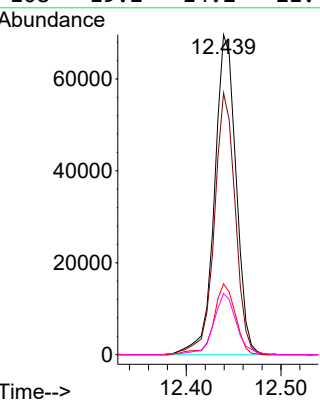
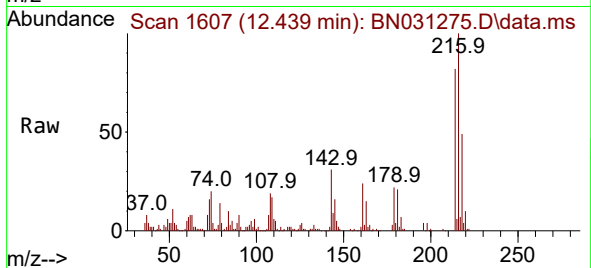
Ion Ratio Lower Upper

216 100

214 81.8 63.1 94.7

179 22.1 17.0 25.6

108 19.2 14.2 21.4



#41

2,4,6-Trichlorophenol

Concen: 1.042 ng/ul

RT: 12.763 min Scan# 1662

Delta R.T. 0.070 min

Lab File: BN031275.D

Acq: 27 Apr 2024 17:23

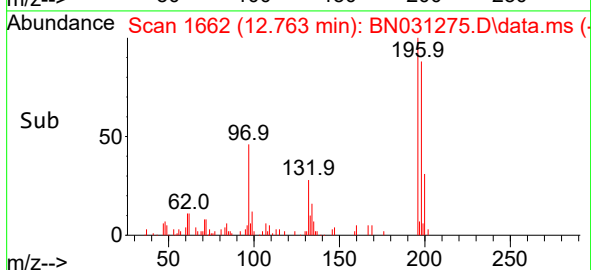
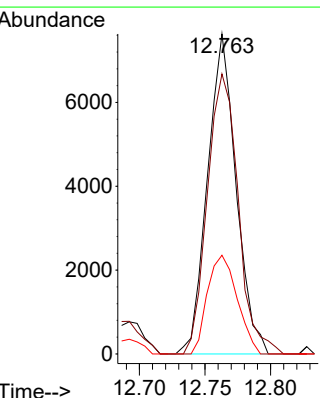
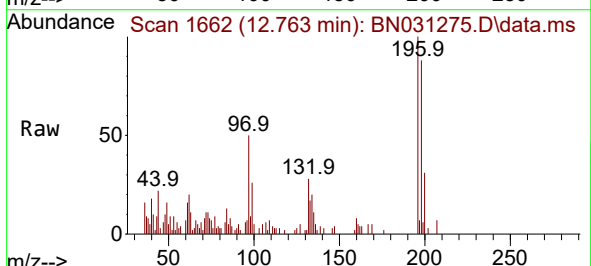
Tgt Ion:196 Resp: 11544

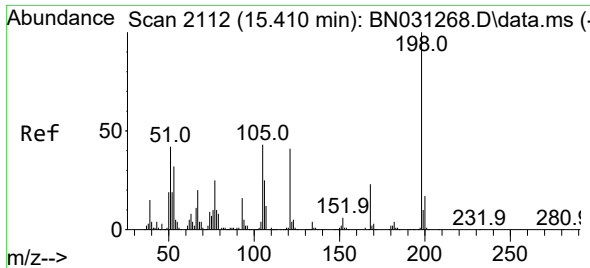
Ion Ratio Lower Upper

196 100

198 87.5 69.9 104.9

200 30.9 23.4 35.2

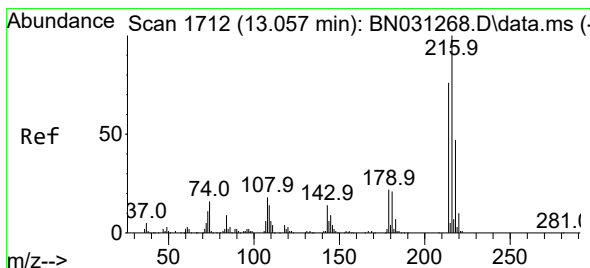
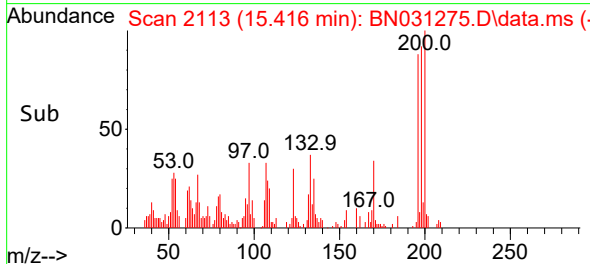
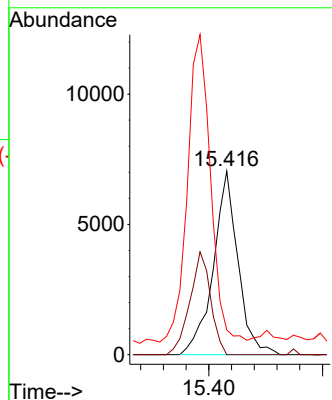
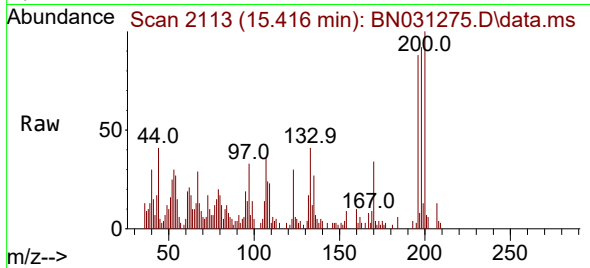




#66
4,6-Dinitro-2-methylphenol
Concen: 1.390 ng/ul
RT: 15.416 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BN031275.D
Acq: 27 Apr 2024 17:23

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Tgt Ion:198 Resp: 10618
Ion Ratio Lower Upper
198 100
182 0.0 4.0 6.0#
77 13.5 22.2 33.4#



#75
1,2,3,4-Tetrachlorobenzene
Concen: 9.964 ng/uL
RT: 13.057 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BN031275.D
Acq: 27 Apr 2024 17:23

Tgt Ion:216 Resp: 164749
Ion Ratio Lower Upper
216 100
214 77.0 63.0 94.6
218 49.9 38.3 57.5

