

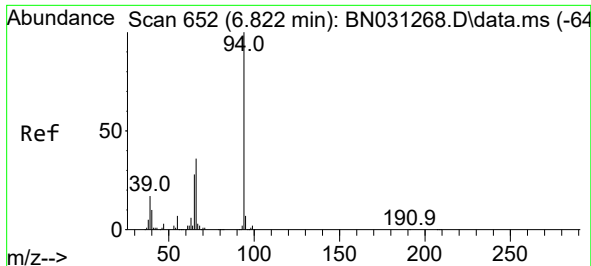
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
 Data File : BN031285.D
 Acq On : 28 Apr 2024 00:38
 Operator : MA/JU
 Sample : P2269-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0RQ2

Quant Time: Apr 28 21:17:52 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	74139	20.000	ng/u1	0.02
20) Naphthalene-d8	10.428	136	983539	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.269	164	670109	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.022	188	1501070	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	1403222	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1471184	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	18766	11.826	ng/uL	0.00
4) Pyridine-d5	3.558	84	58395	12.778	ng/u1	0.01
7) Phenol-d5	6.805	99	141672	22.653	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	387003	106.358	ng/u1	0.02
11) 2-Chlorophenol-d4	7.164	132	421627	86.584	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	259797	49.395	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	261865	37.056	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	288020	39.210	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	456635	31.523	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	392710	17.348	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	1690008	36.242	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	1898016	35.919	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	76002	7.809	ng/u1	0.00
60) Fluorene-d10	15.263	176	1430176	35.231	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	278798	36.814	ng/u1	0.00
73) Anthracene-d10	17.116	188	2384589	36.651	ng/u1	0.00
81) Pyrene-d10	19.422	212	2850433	41.338	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	2755335	39.495	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.834	94	13399	2.078	ng/u1#	93
12) 2-Chlorophenol	7.199	128	43971	8.687	ng/u1	95
13) 2-Methylphenol	8.022	108	118294	23.674	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.334	70	6285	1.547	ng/u1#	1
22) Nitrobenzene	8.834	77	1430007	85.740	ng/u1	100
25) 2-Nitrophenol	9.528	139	26564	3.269	ng/u1	94
29) 2,4-Dichlorophenol	10.105	162	22937	1.585	ng/u1#	89
39) 1,2,4,5-Tetrachloroben...	12.446	216	984652	56.155	ng/u1	98
48) 2,6-Dinitrotoluene	13.687	165	9143	1.012	ng/u1#	43
75) 1,2,3,4-Tetrachloroben...	13.063	216	2102410	119.409	ng/uL	96
76) Pentachlorobenzene	14.581	250	69897	3.844	ng/uL	97

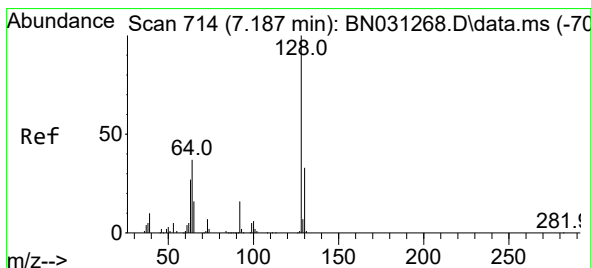
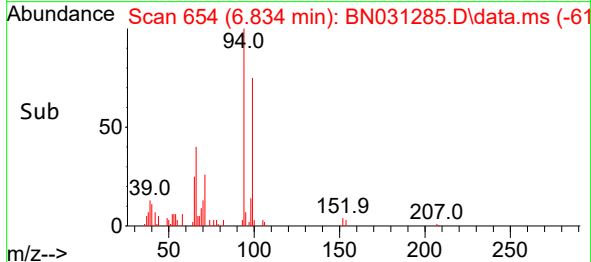
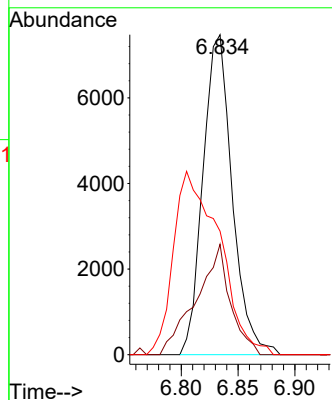
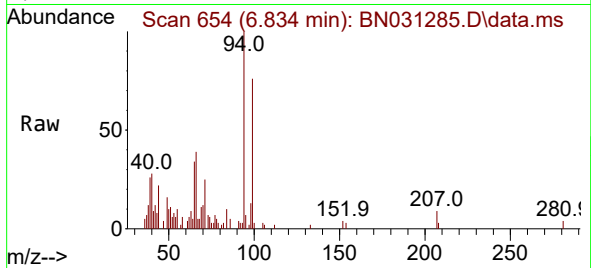
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Phenol
Concen: 2.078 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. 0.006 min
Lab File: BN031285.D
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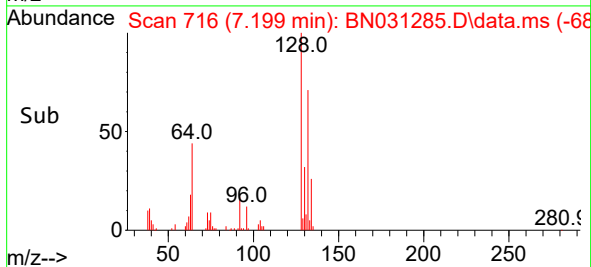
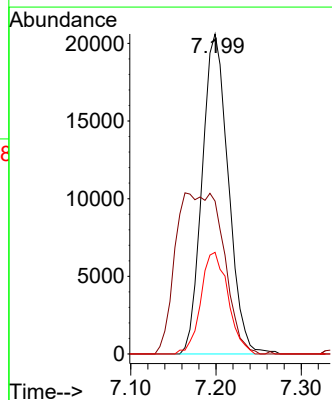
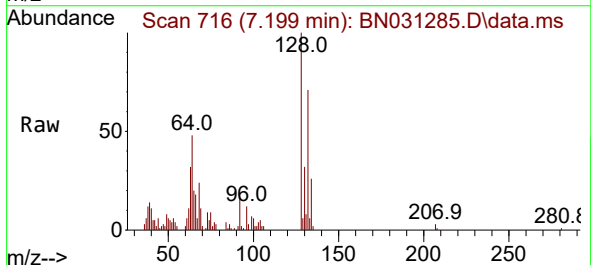
Instrument :
BNA_N
ClientSampleId :
C0RQ2

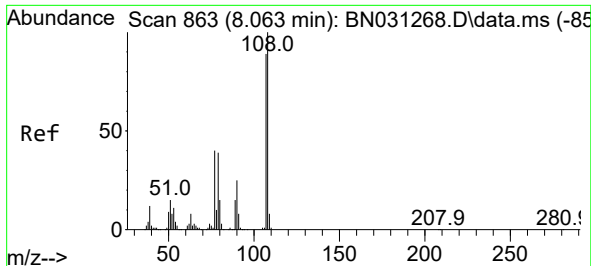
Tgt Ion: 94 Resp: 13399
Ion Ratio Lower Upper
94 100
65 34.5 22.0 33.0#
66 38.6 29.8 44.6



#12
2-Chlorophenol
Concen: 8.687 ng/ul
RT: 7.199 min Scan# 716
Delta R.T. 0.012 min
Lab File: BN031285.D
Acq: 28 Apr 2024 00:38

Tgt Ion:128 Resp: 43971
Ion Ratio Lower Upper
128 100
64 47.8 34.9 52.3
130 31.7 27.0 40.4

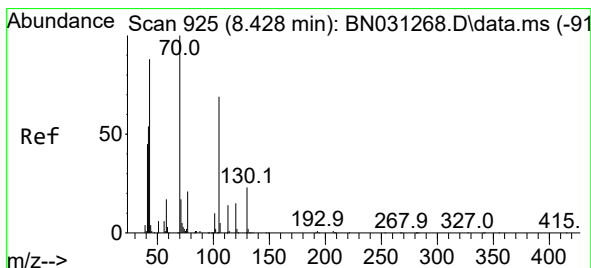
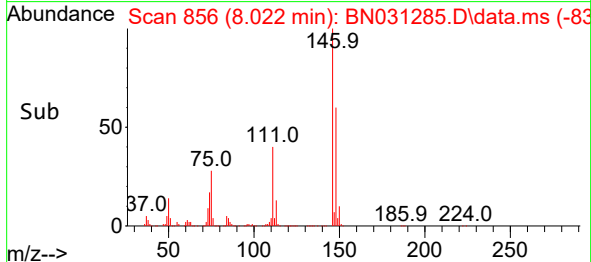
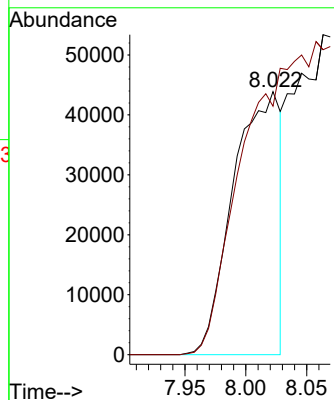
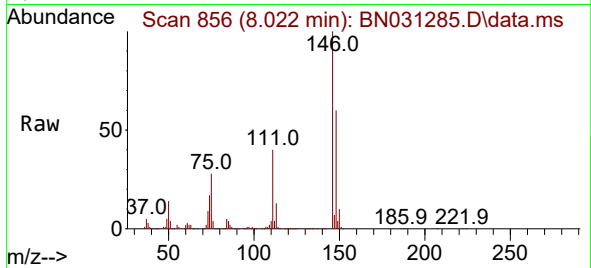




#13
2-Methylphenol
Concen: 23.674 ng/ul
RT: 8.022 min Scan# 81
Delta R.T. -0.047 min
Lab File: BN031285.D
Acq: 28 Apr 2024 00:38

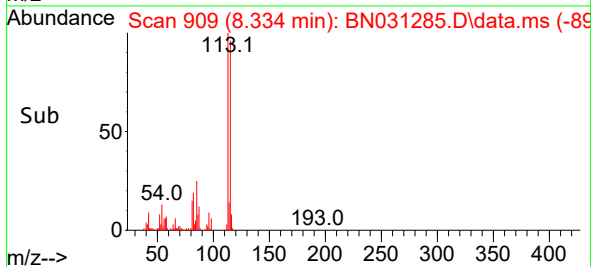
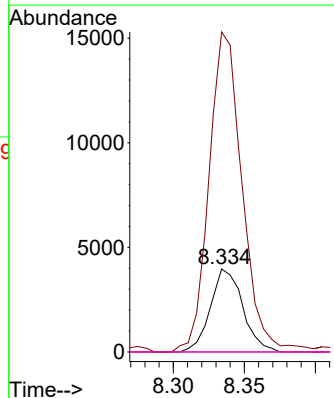
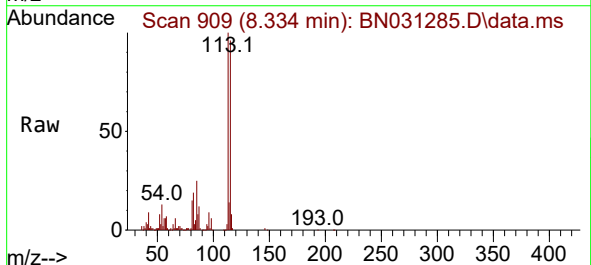
Instrument :
BNA_N
ClientSampleId :
C0RQ2

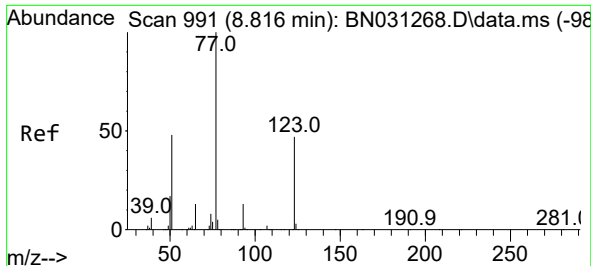
Tgt Ion:108 Resp: 118294
Ion Ratio Lower Upper
108 100
107 94.5 70.1 105.1



#17
N-Nitroso-di-n-propylamine
Concen: 1.547 ng/ul
RT: 8.334 min Scan# 909
Delta R.T. -0.100 min
Lab File: BN031285.D
Acq: 28 Apr 2024 00:38

Tgt Ion: 70 Resp: 6285
Ion Ratio Lower Upper
70 100
42 385.7 45.0 67.6#
101 0.0 8.1 12.1#
130 0.0 19.2 28.8#

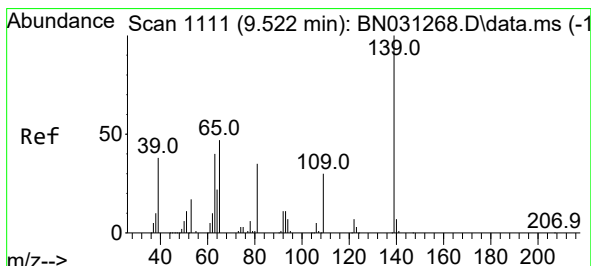
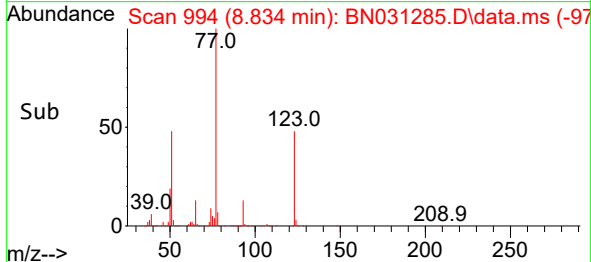
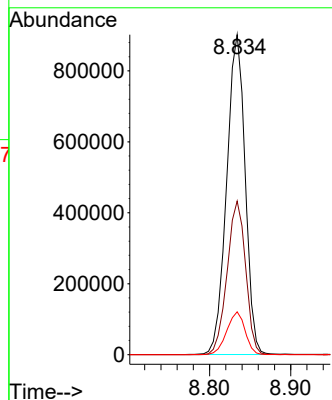
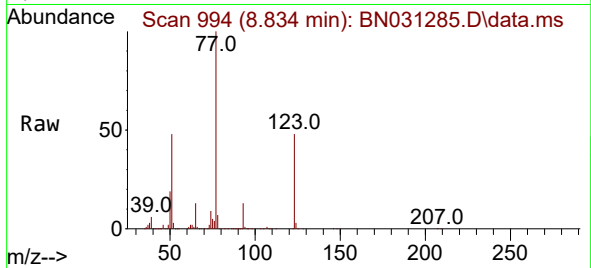




#22
Nitrobenzene
Concen: 85.740 ng/ul
RT: 8.834 min Scan# 991
Delta R.T. 0.012 min
Lab File: BN031285.D
Acq: 28 Apr 2024 00:38

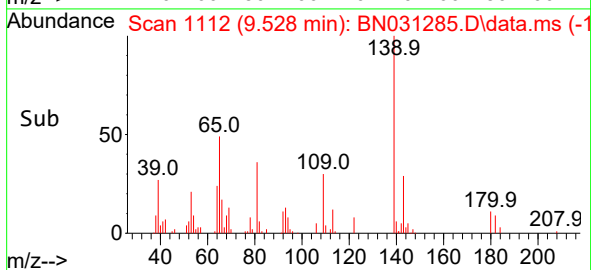
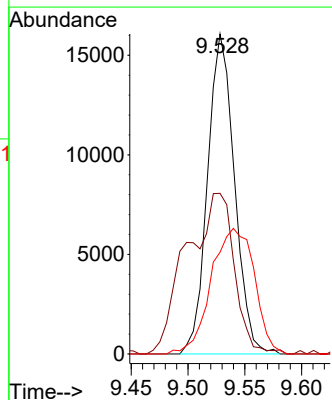
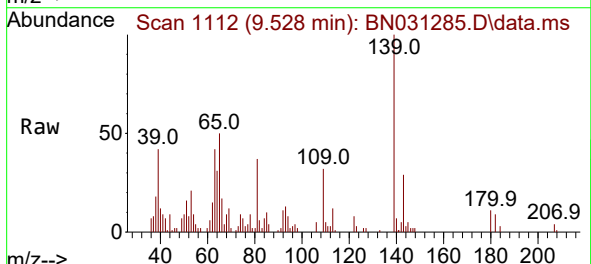
Instrument :
BNA_N
ClientSampleId :
C0RQ2

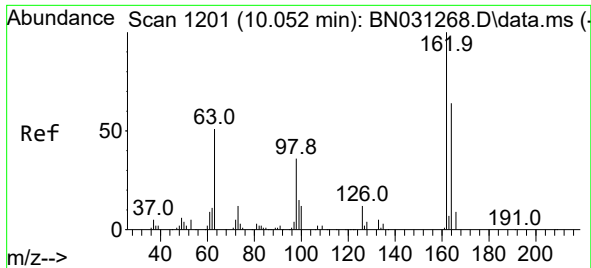
Tgt Ion: 77 Resp: 1430007
Ion Ratio Lower Upper
77 100
123 48.0 38.2 57.2
65 13.4 10.7 16.1



#25
2-Nitrophenol
Concen: 3.269 ng/ul
RT: 9.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BN031285.D
Acq: 28 Apr 2024 00:38

Tgt Ion: 139 Resp: 26564
Ion Ratio Lower Upper
139 100
65 50.2 35.2 52.8
109 31.8 25.4 38.0





#29

2,4-Dichlorophenol

Concen: 1.585 ng/ul

RT: 10.105 min Scan# 11

Delta R.T. 0.047 min

Lab File: BN031285.D

Acq: 28 Apr 2024 00:38

Instrument :

BNA_N

ClientSampleId :

C0RQ2

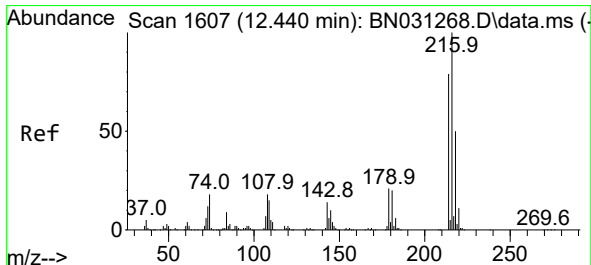
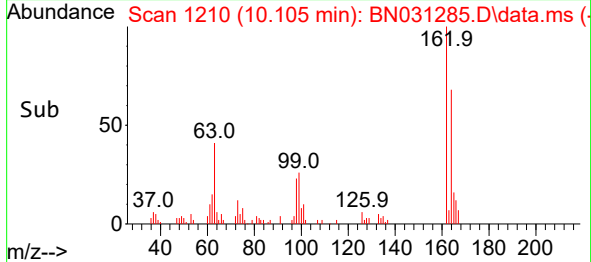
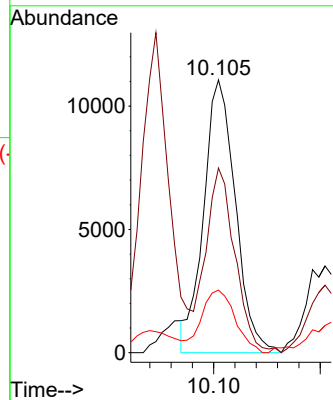
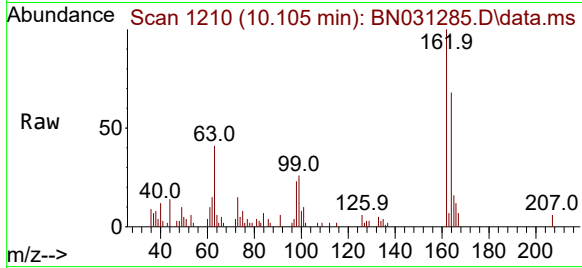
Tgt Ion:162 Resp: 22937

Ion Ratio Lower Upper

162 100

164 67.7 51.0 76.6

98 22.9 28.6 42.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 56.155 ng/ul

RT: 12.446 min Scan# 1608

Delta R.T. 0.006 min

Lab File: BN031285.D

Acq: 28 Apr 2024 00:38

Tgt Ion:216 Resp: 984652

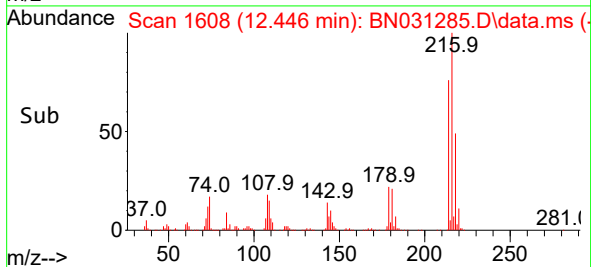
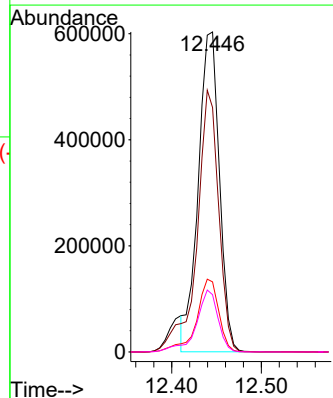
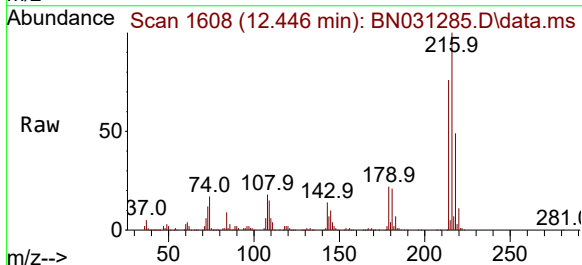
Ion Ratio Lower Upper

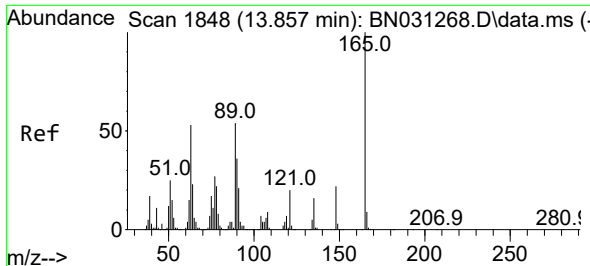
216 100

214 76.4 63.1 94.7

179 21.9 17.0 25.6

108 17.9 14.2 21.4

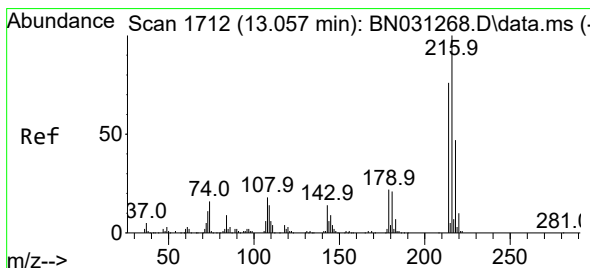
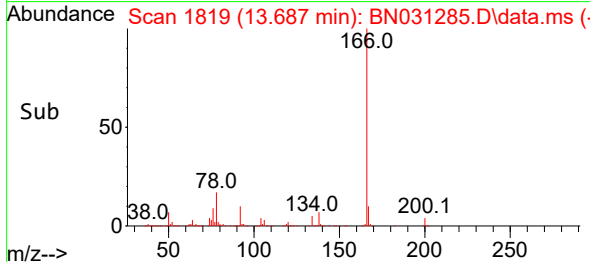
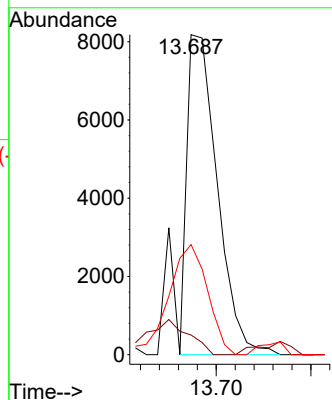
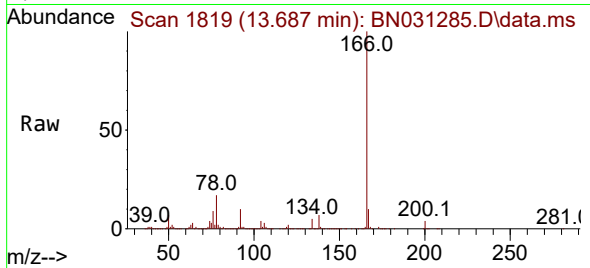




#48
2,6-Dinitrotoluene
Concen: 1.012 ng/uL
RT: 13.687 min Scan# 1848
Delta R.T. -0.170 min
Lab File: BN031285.D
Acq: 28 Apr 2024 00:38

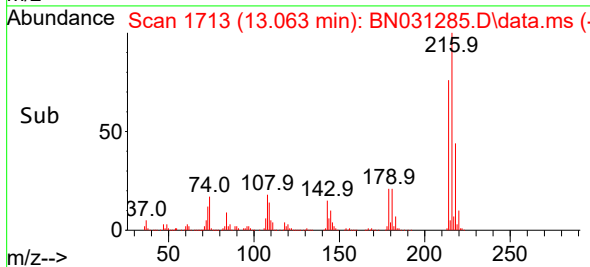
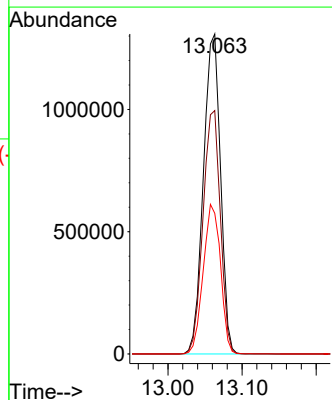
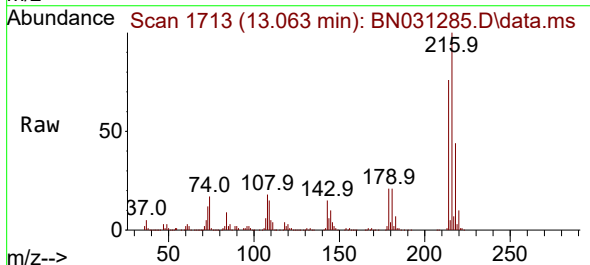
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ClientSampleId :
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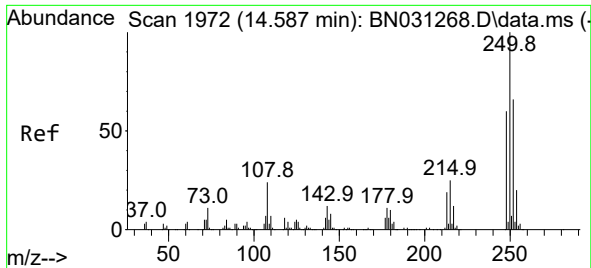
Tgt Ion:165 Resp: 9143
Ion Ratio Lower Upper
165 100
89 6.1 44.7 67.1#
121 34.4 17.0 25.4#



#75
1,2,3,4-Tetrachlorobenzene
Concen: 119.409 ng/uL
RT: 13.063 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BN031285.D
Acq: 28 Apr 2024 00:38

Tgt Ion:216 Resp: 2102410
Ion Ratio Lower Upper
216 100
214 76.1 63.0 94.6
218 44.0 38.3 57.5





#76
 Pentachlorobenzene
 Concen: 3.844 ng/uL
 RT: 14.581 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: BN031285.D
 Acq: 28 Apr 2024 00:38

Instrument :
 BNA_N
 ClientSampleId :
 C0RQ2

Tgt Ion:250 Resp: 69897
 Ion Ratio Lower Upper
 250 100
 248 65.2 49.3 73.9
 252 66.8 52.9 79.3

