

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034310.D
 Acq On : 01 Oct 2024 20:29
 Operator : RC/JU
 Sample : P4019-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC37

Quant Time: Oct 01 23:35:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

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

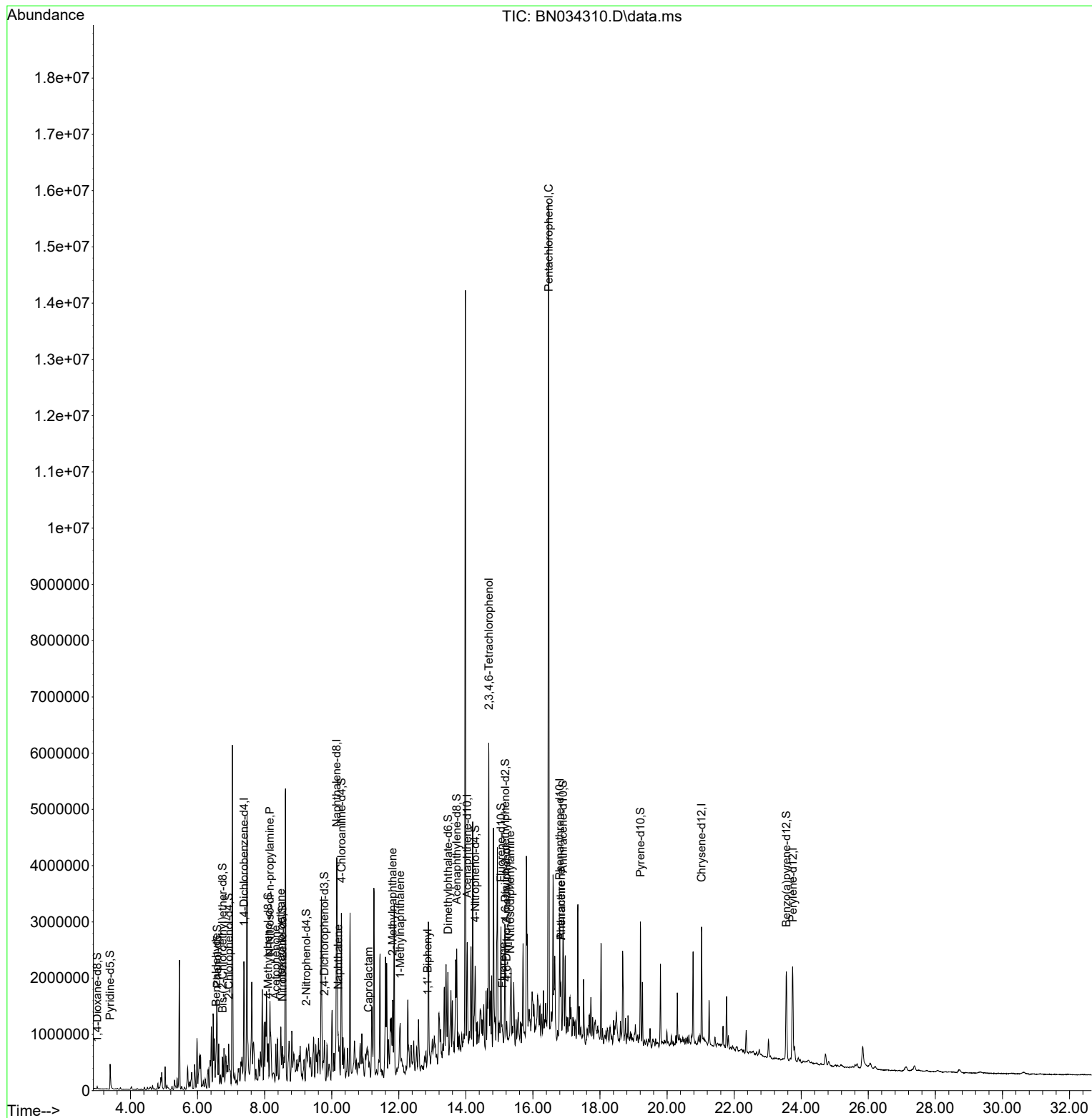
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	227488	20.000	ng/ul	0.00
20) Naphthalene-d8	10.146	136	899665	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.040	164	565560	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1113662	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	1086461	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1358367	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	18856	3.382	ng/uL	0.00
4) Pyridine-d5	3.393	84	236548	14.275	ng/ul	0.00
7) Phenol-d5	6.587	99	311588	15.433	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.746	67	193116	15.417	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	267025	16.802	ng/ul	0.00
15) 4-Methylphenol-d8	8.105	113	258598	15.566	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	127184	17.736	ng/ul	0.00
24) 2-Nitrophenol-d4	9.240	143	125169	16.975	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	230024	16.564	ng/ul	0.00
31) 4-Chloroaniline-d4	10.293	131	342784	16.304	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	759369	17.966	ng/ul	0.00
49) Acenaphthylene-d8	13.728	160	911083	19.161	ng/ul	0.00
54) 4-Nitrophenol-d4	14.281	143	45784	5.278	ng/ul	0.00
60) Fluorene-d10	15.045	176	673877	18.812	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	33543	5.052	ng/ul	0.00
73) Anthracene-d10	16.898	188	1041137	19.885	ng/ul	0.00
81) Pyrene-d10	19.204	212	1189327	19.647	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	1393655	19.973	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.552	77	26730	2.508	ng/ul#	1
16) Acetophenone	8.334	105	51019	1.939	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.158	70	34624	2.657	ng/ul#	41
19) Hexachloroethane	8.481	117	52919	7.704	ng/ul#	11
30) Naphthalene	10.193	128	300800	6.113	ng/ul	97
34) Caprolactam	11.093	113	7402	1.322	ng/ul#	1
36) 2-Methylnaphthalene	11.816	142	593559	17.510	ng/ul	97
37) 1-Methylnaphthalene	12.040	142	379013	11.046	ng/ul	100
43) 1,1'-Biphenyl	12.863	154	75861	1.779	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.687	232	956362	96.936	ng/ul	88
61) Fluorene	15.098	166	60946	1.467	ng/ul#	94
66) 4,6-Dinitro-2-methylph...	15.210	198	58755	7.968	ng/ul#	84
67) N-Nitrosodiphenylamine	15.328	169	71434	2.141	ng/ul#	40
71) Pentachlorophenol	16.469	266	3332097	381.155	ng/ul	95
72) Phenanthrene	16.839	178	328400	5.348	ng/ul#	96
74) Anthracene	16.839	178	328400	5.237	ng/ul	96

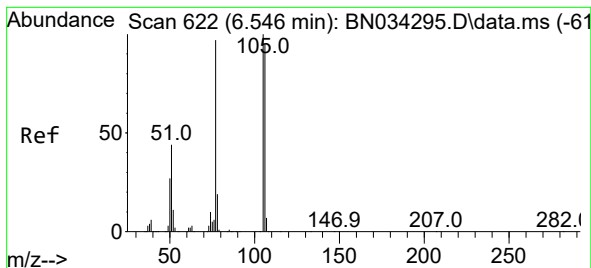
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
Data File : BN034310.D
Acq On : 01 Oct 2024 20:29
Operator : RC/JU
Sample : P4019-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC37

Quant Time: Oct 01 23:35:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

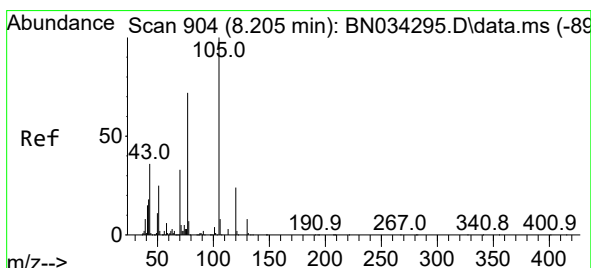
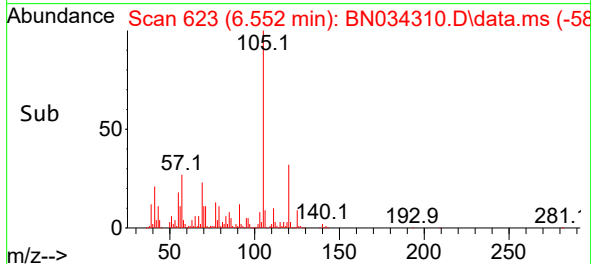
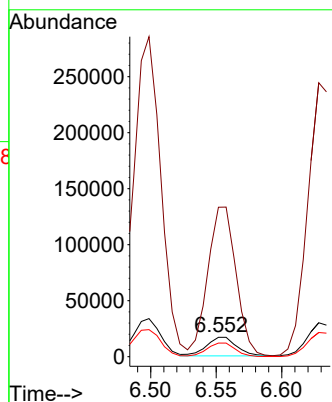
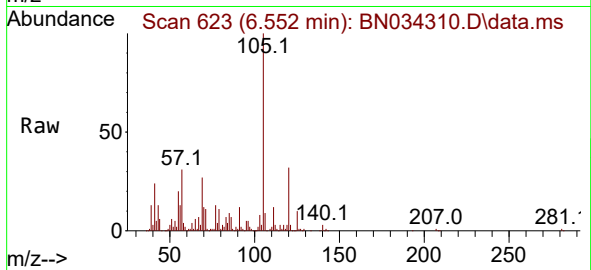




#6
Benzaldehyde
Concen: 2.508 ng/ul
RT: 6.552 min Scan# 61
Delta R.T. 0.006 min
Lab File: BN034310.D
Acq: 01 Oct 2024 20:29

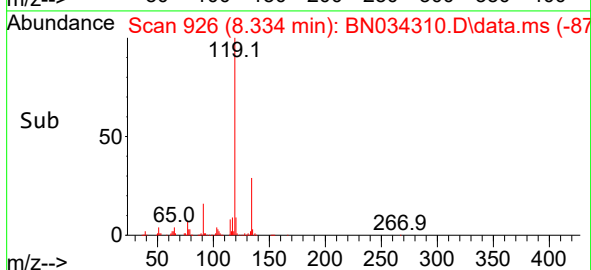
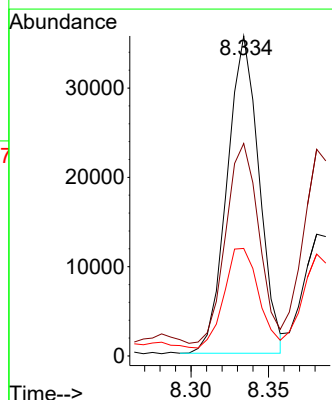
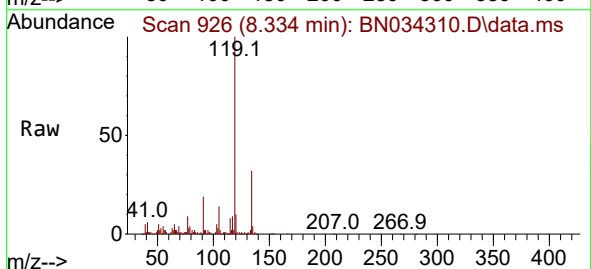
Instrument :
BNA_N
ClientSampleId :
DDC37

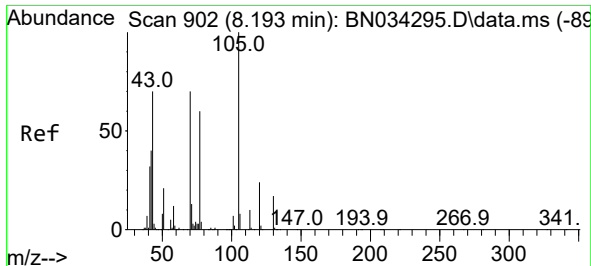
Tgt Ion: 77 Resp: 26730
Ion Ratio Lower Upper
77 100
105 769.0 76.4 114.6#
106 70.2 69.8 104.6



#16
Acetophenone
Concen: 1.939 ng/ul
RT: 8.334 min Scan# 926
Delta R.T. 0.129 min
Lab File: BN034310.D
Acq: 01 Oct 2024 20:29

Tgt Ion: 105 Resp: 51019
Ion Ratio Lower Upper
105 100
77 66.4 61.1 91.7
51 33.6 22.6 33.8





#17

N-Nitroso-di-n-propylamine

Concen: 2.657 ng/ul

RT: 8.158 min Scan# 896

Delta R.T. -0.041 min

Lab File: BN034310.D

Acq: 01 Oct 2024 20:29

Instrument :

BNA_N

ClientSampleId :

DDC37

Tgt Ion: 70 Resp: 34624

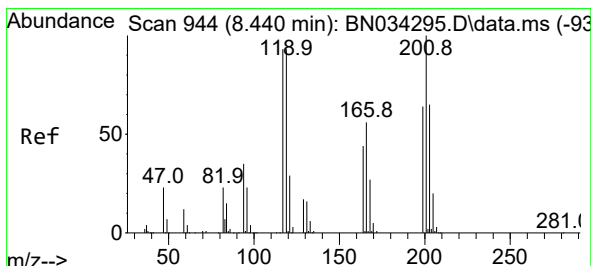
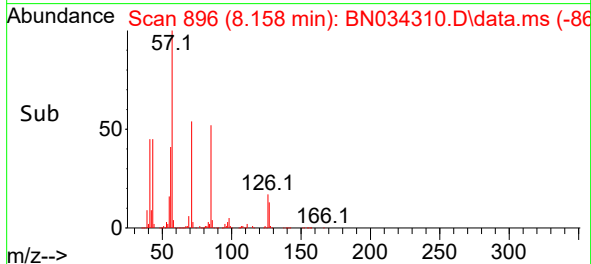
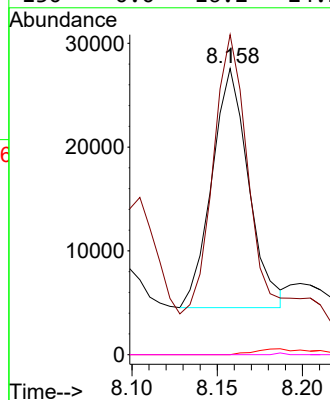
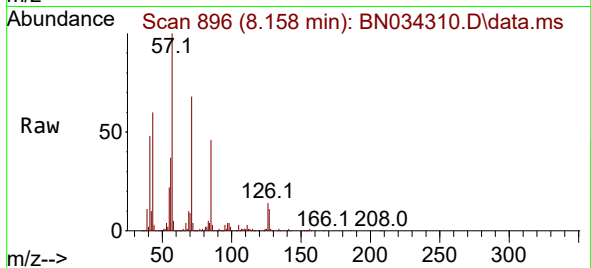
Ion Ratio Lower Upper

70 100

42 111.8 47.9 71.9#

101 0.0 7.5 11.3#

130 0.0 16.2 24.2#



#19

Hexachloroethane

Concen: 7.704 ng/ul

RT: 8.481 min Scan# 951

Delta R.T. 0.041 min

Lab File: BN034310.D

Acq: 01 Oct 2024 20:29

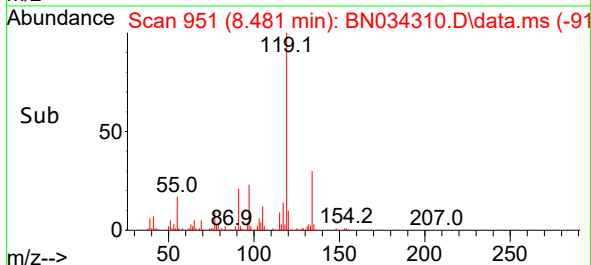
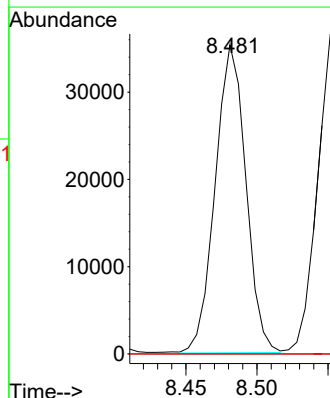
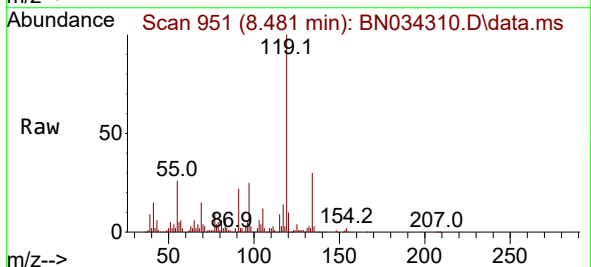
Tgt Ion: 117 Resp: 52919

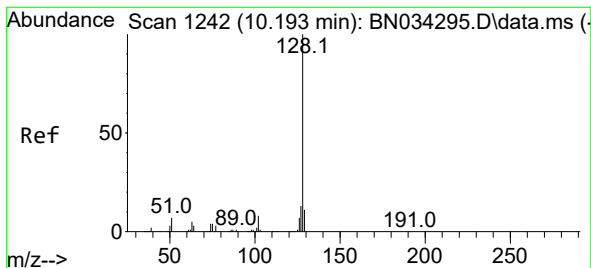
Ion Ratio Lower Upper

117 100

201 0.0 73.9 110.9#

199 0.0 44.0 66.0#





#30

Naphthalene

Concen: 6.113 ng/ul

RT: 10.193 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BN034310.D

Acq: 01 Oct 2024 20:29

Instrument :

BNA_N

ClientSampleId :

DDC37

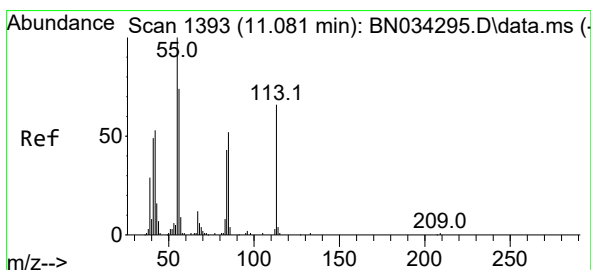
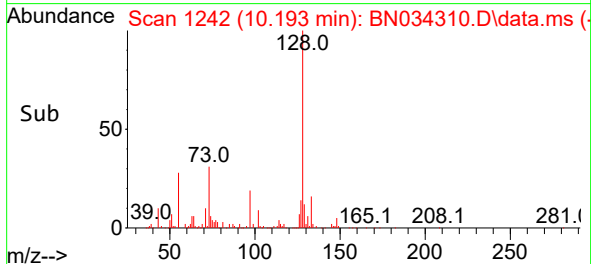
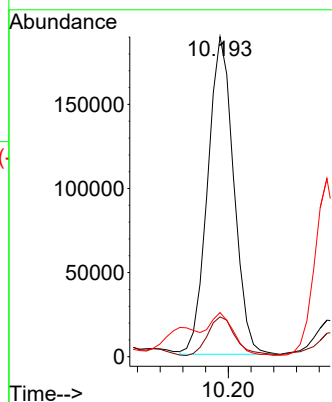
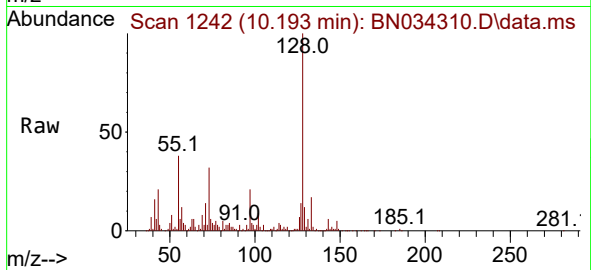
Tgt Ion:128 Resp: 300800

Ion Ratio Lower Upper

128 100

129 12.5 8.7 13.1

127 13.8 10.6 16.0



#34

Caprolactam

Concen: 1.322 ng/ul

RT: 11.093 min Scan# 1395

Delta R.T. 0.006 min

Lab File: BN034310.D

Acq: 01 Oct 2024 20:29

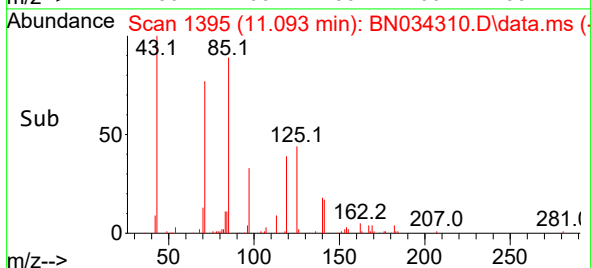
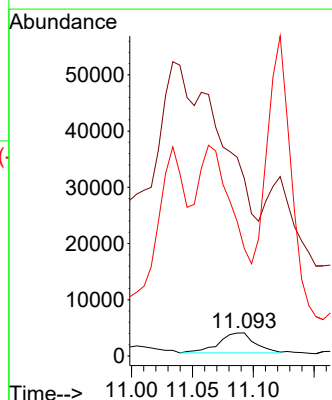
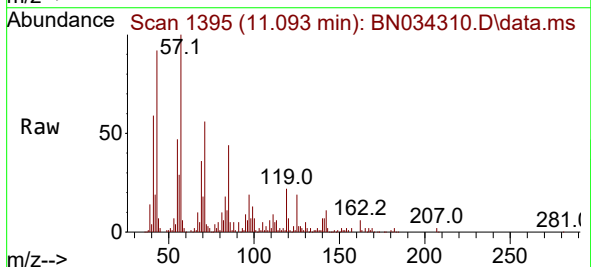
Tgt Ion:113 Resp: 7402

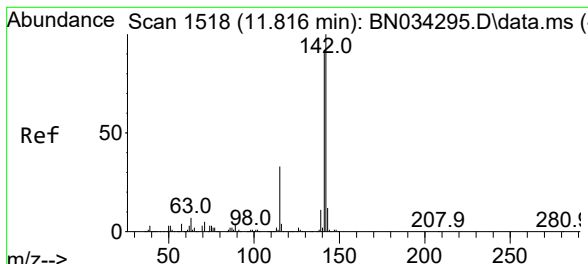
Ion Ratio Lower Upper

113 100

55 771.4 137.0 205.6#

56 466.8 99.7 149.5#

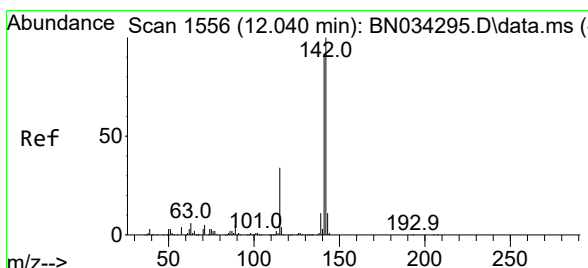
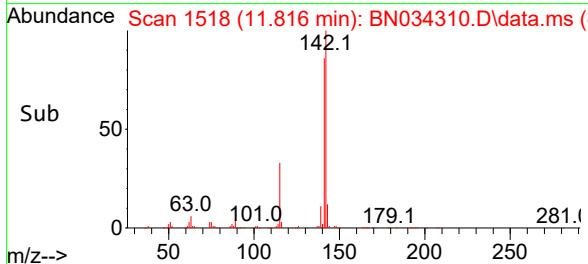
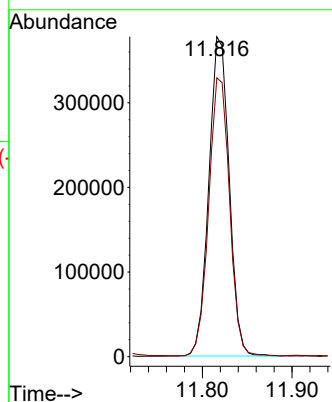
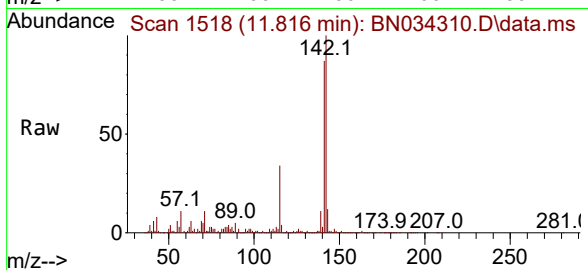




#36
2-Methylnaphthalene
Concen: 17.510 ng/ul
RT: 11.816 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BN034310.D
Acq: 01 Oct 2024 20:29

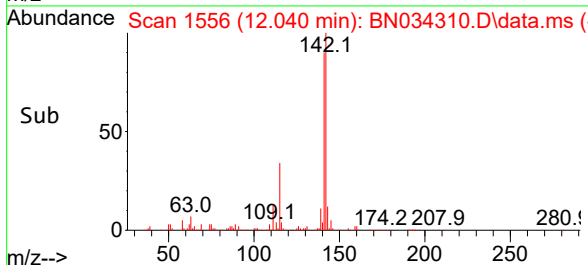
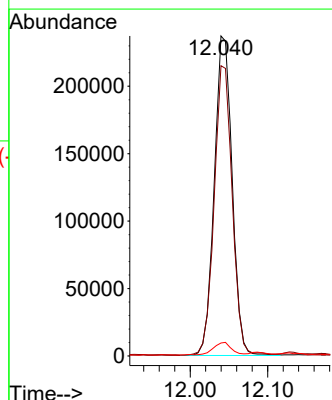
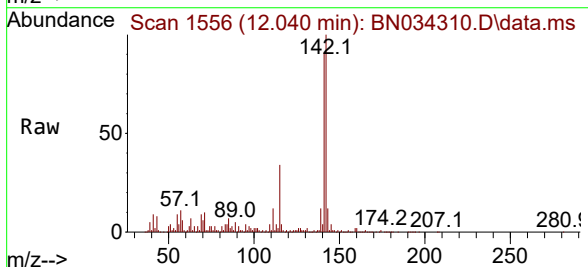
Instrument :
BNA_N
ClientSampleId :
DDC37

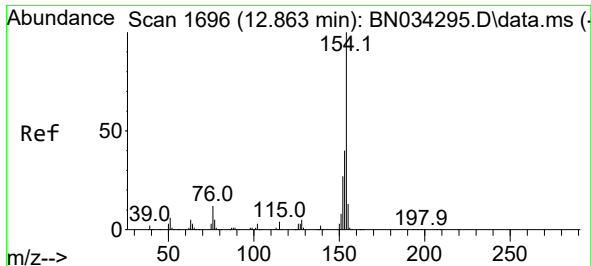
Tgt Ion:142 Resp: 593559
Ion Ratio Lower Upper
142 100
141 87.2 72.2 108.2



#37
1-Methylnaphthalene
Concen: 11.046 ng/ul
RT: 12.040 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BN034310.D
Acq: 01 Oct 2024 20:29

Tgt Ion:142 Resp: 379013
Ion Ratio Lower Upper
142 100
141 90.7 72.5 108.7
116 4.1 3.2 4.8

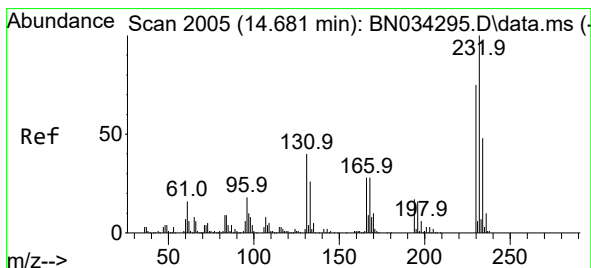
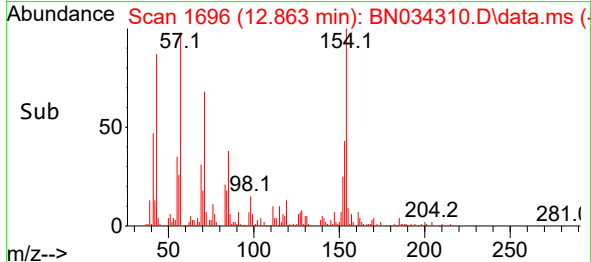
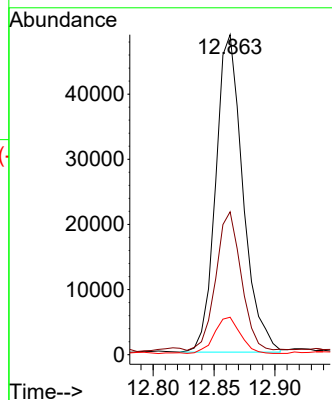
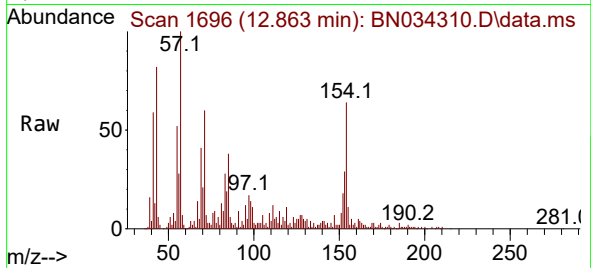




#43
1,1'-Biphenyl
Concen: 1.779 ng/ul
RT: 12.863 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034310.D
Acq: 01 Oct 2024 20:29

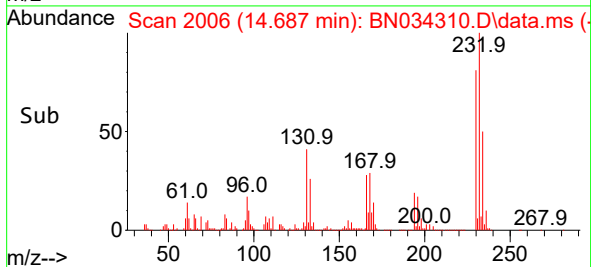
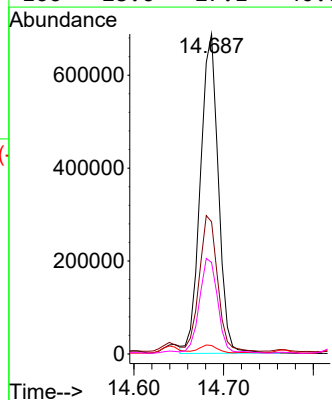
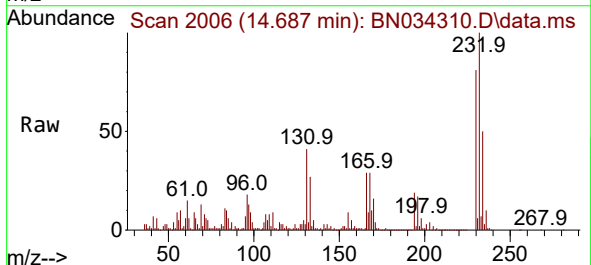
Instrument :
BNA_N
ClientSampleId :
DDC37

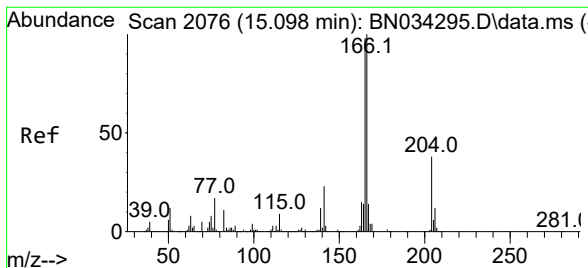
Tgt Ion:154 Resp: 75861
Ion Ratio Lower Upper
154 100
153 44.7 33.3 49.9
76 11.7 10.2 15.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 96.936 ng/ul
RT: 14.687 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BN034310.D
Acq: 01 Oct 2024 20:29

Tgt Ion:232 Resp: 956362
Ion Ratio Lower Upper
232 100
131 41.3 41.0 61.6
130 2.7 2.2 3.2
166 28.6 27.1 40.7





#61

Fluorene

Concen: 1.467 ng/ul

RT: 15.098 min Scan# 2076

Delta R.T. 0.000 min

Lab File: BN034310.D

Acq: 01 Oct 2024 20:29

Instrument :

BNA_N

ClientSampleId :

DDC37

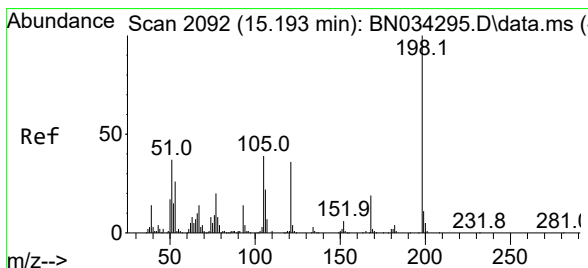
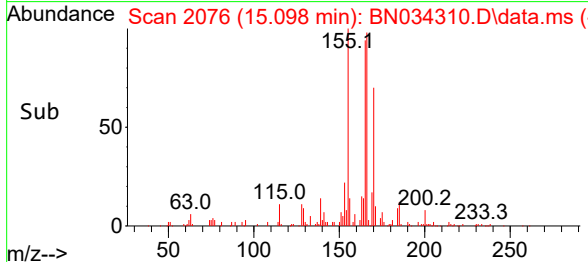
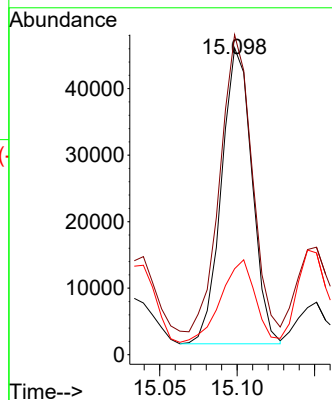
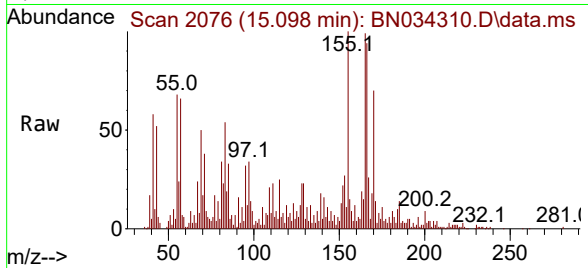
Tgt Ion:166 Resp: 60946

Ion Ratio Lower Upper

166 100

165 104.3 81.9 122.9

167 28.0 10.9 16.3#



#66

4,6-Dinitro-2-methylphenol

Concen: 7.968 ng/ul

RT: 15.210 min Scan# 2095

Delta R.T. 0.018 min

Lab File: BN034310.D

Acq: 01 Oct 2024 20:29

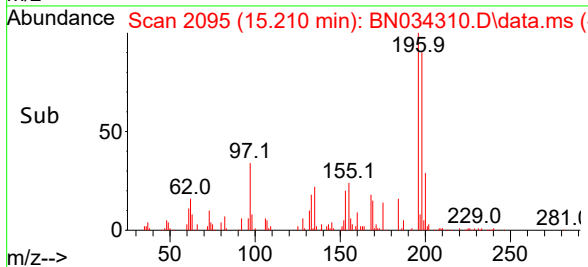
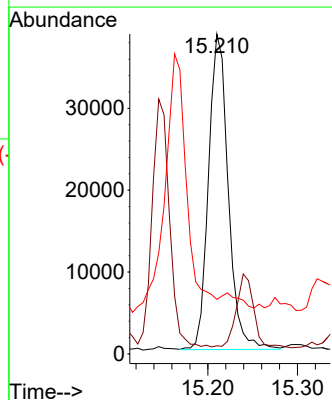
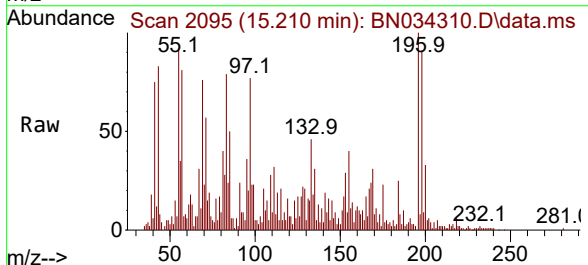
Tgt Ion:198 Resp: 58755

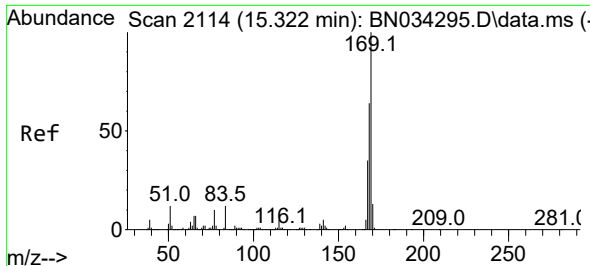
Ion Ratio Lower Upper

198 100

182 2.5 3.2 4.8#

77 17.1 21.1 31.7#

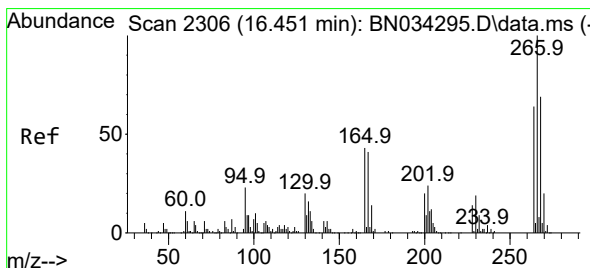
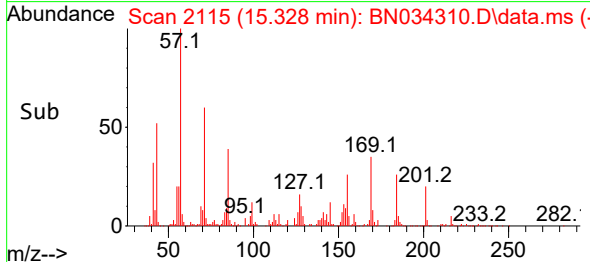
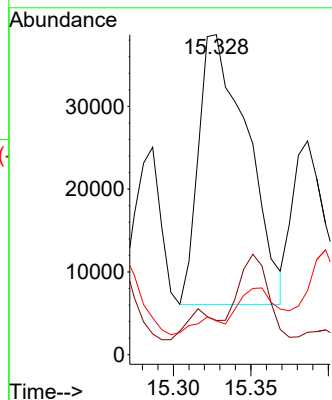
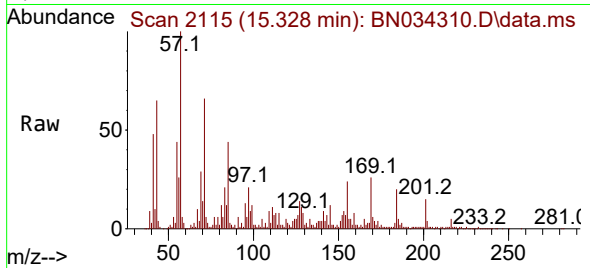




#67
N-Nitrosodiphenylamine
Concen: 2.141 ng/ul
RT: 15.328 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BN034310.D
Acq: 01 Oct 2024 20:29

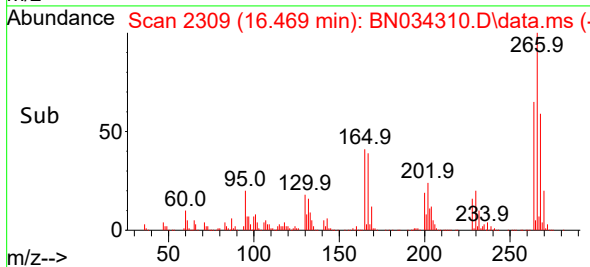
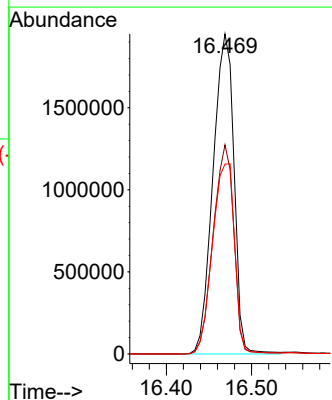
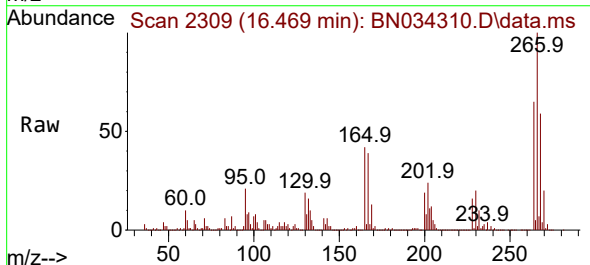
Instrument :
BNA_N
ClientSampleId :
DDC37

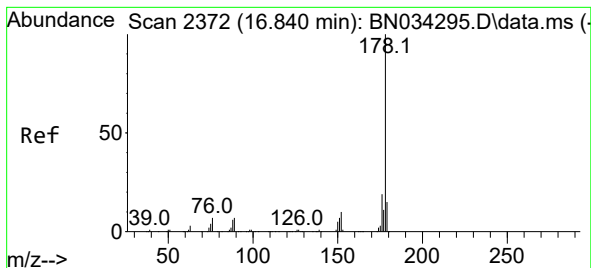
Tgt Ion:169 Resp: 71434
Ion Ratio Lower Upper
169 100
168 10.7 52.8 79.2#
167 10.5 28.6 43.0#



#71
Pentachlorophenol
Concen: 381.155 ng/ul
RT: 16.469 min Scan# 2309
Delta R.T. 0.012 min
Lab File: BN034310.D
Acq: 01 Oct 2024 20:29

Tgt Ion:266 Resp: 3332097
Ion Ratio Lower Upper
266 100
264 65.3 51.1 76.7
268 59.4 52.8 79.2





#72

Phenanthrene

Concen: 5.348 ng/ul

RT: 16.839 min Scan# 2372

Delta R.T. 0.000 min

Lab File: BN034310.D

Acq: 01 Oct 2024 20:29

Instrument :

BNA_N

ClientSampleId :

DDC37

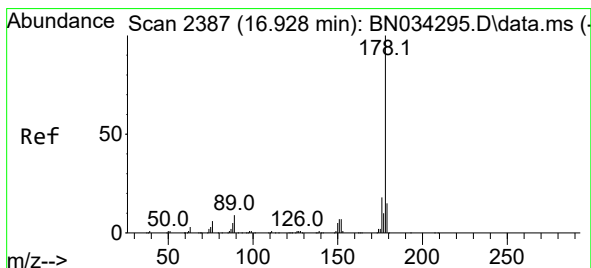
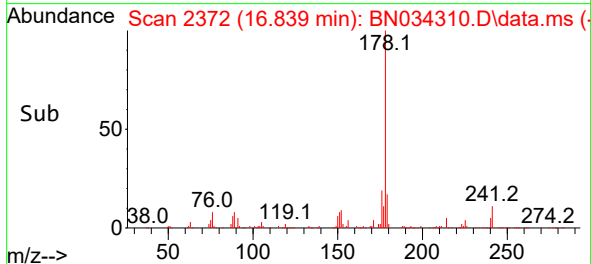
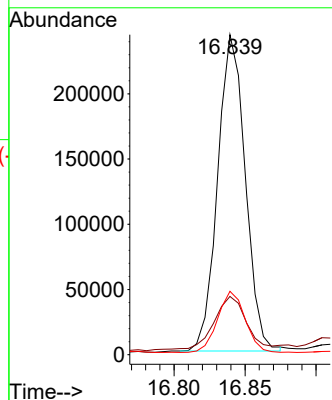
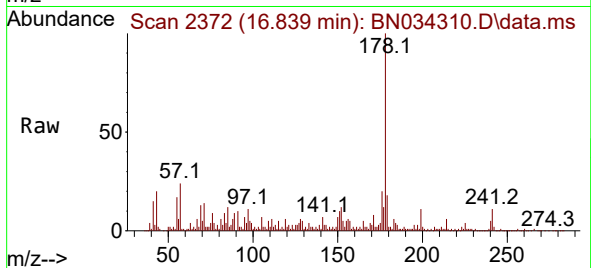
Tgt Ion:178 Resp: 328400

Ion Ratio Lower Upper

178 100

179 18.2 11.9 17.9#

176 19.8 15.2 22.8



#74

Anthracene

Concen: 5.237 ng/ul

RT: 16.839 min Scan# 2372

Delta R.T. -0.094 min

Lab File: BN034310.D

Acq: 01 Oct 2024 20:29

Tgt Ion:178 Resp: 328400

Ion Ratio Lower Upper

178 100

179 18.2 12.2 18.2

176 19.8 15.0 22.6

