

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034307.D
 Acq On : 01 Oct 2024 17:51
 Operator : RC/JU
 Sample : P4019-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDCE6

Quant Time: Oct 01 23:34:24 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	7.393	152	246109	20.000	ng/ul	0.00
20) Naphthalene-d8	10.146	136	952386	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.039	164	619147	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.810	188	1231994	20.000	ng/ul	0.01
79) Chrysene-d12	21.033	240	1182192	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1410481	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	21311	3.533	ng/uL	0.00
4) Pyridine-d5	3.393	84	241796	13.488	ng/ul	0.00
7) Phenol-d5	6.593	99	401172	18.367	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.746	67	258645	19.085	ng/ul	0.00
11) 2-Chlorophenol-d4	6.934	132	345943	20.121	ng/ul	0.00
15) 4-Methylphenol-d8	8.110	113	308008	17.138	ng/ul	0.00
21) Nitrobenzene-d5	8.534	128	161107	21.223	ng/ul	0.00
24) 2-Nitrophenol-d4	9.246	143	175872	22.530	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.787	165	314347	21.383	ng/ul	0.01
31) 4-Chloroaniline-d4	10.298	131	144450	6.490	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	909901	19.665	ng/ul	0.00
49) Acenaphthylene-d8	13.728	160	1068263	20.522	ng/ul	0.00
54) 4-Nitrophenol-d4	14.281	143	141354	14.886	ng/ul	0.00
60) Fluorene-d10	15.045	176	806807	20.574	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.181	200	131642	17.921	ng/ul	0.00
73) Anthracene-d10	16.904	188	1177958	20.337	ng/ul	0.00
81) Pyrene-d10	19.204	212	1345696	20.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	1507949	20.813	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.557	77	93765	8.133	ng/ul#	1
16) Acetophenone	8.340	105	190096	6.677	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.204	70	20049	1.422	ng/ul#	65
19) Hexachloroethane	8.487	117	191867	25.818	ng/ul#	11
22) Nitrobenzene	8.575	77	27673	1.456	ng/ul#	39
23) Isophorone	9.099	82	192525	5.495	ng/ul#	75
26) 2,4-Dimethylphenol	9.363	107	40216	2.238	ng/ul#	62
29) 2,4-Dichlorophenol	9.816	162	19088	1.282	ng/ul#	85
30) Naphthalene	10.198	128	700872	13.454	ng/ul	98
34) Caprolactam	11.087	113	17380	2.933	ng/ul#	1
36) 2-Methylnaphthalene	11.822	142	1075858	29.982	ng/ul	98
37) 1-Methylnaphthalene	12.045	142	647186	17.818	ng/ul	97
41) 2,4,6-Trichlorophenol	12.457	196	14410	1.216	ng/ul	97
43) 1,1'-Biphenyl	12.863	154	101116	2.166	ng/ul#	87
52) Acenaphthene	14.104	153	42443	1.044	ng/ul#	93
55) 4-Nitrophenol	14.275	109	10497	1.302	ng/ul#	51
58) 2,3,4,6-Tetrachlorophenol	14.692	232	2216039	205.175	ng/ul	91
61) Fluorene	15.104	166	90595	1.992	ng/ul#	94
66) 4,6-Dinitro-2-methylph...	15.210	198	23347	2.862	ng/ul#	48
67) N-Nitrosodiphenylamine	15.328	169	148839	4.032	ng/ul#	39
71) Pentachlorophenol	16.504	266	11567269	1196.078	ng/ul	92
72) Phenanthrene	16.851	178	429211	6.318	ng/ul#	96

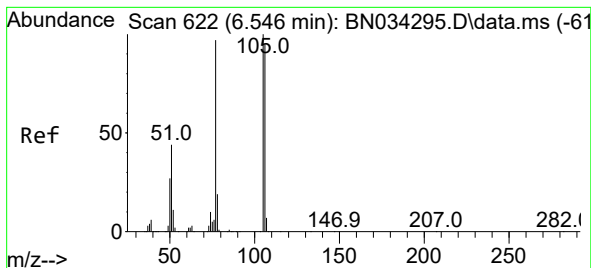
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

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

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



#6

Benzaldehyde

Concen: 8.133 ng/ul

RT: 6.557 min Scan# 61

Delta R.T. 0.012 min

Lab File: BN034307.D

Acq: 01 Oct 2024 17:51

Instrument :

BNA_N

ClientSampleId :

DDCE6

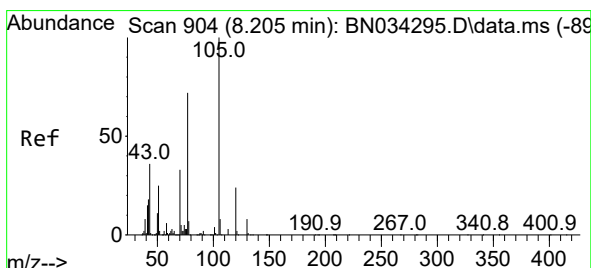
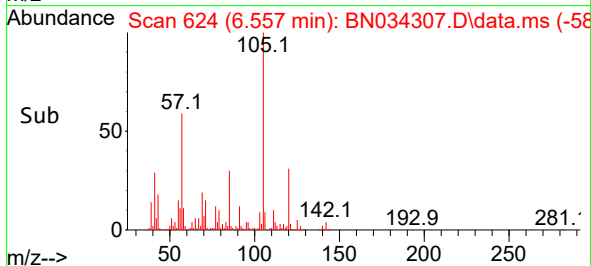
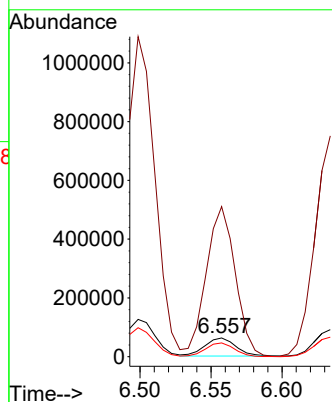
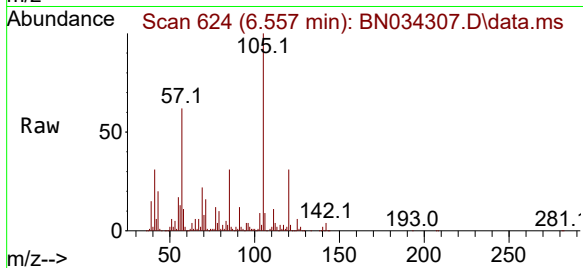
Tgt Ion: 77 Resp: 93765

Ion Ratio Lower Upper

77 100

105 800.2 76.4 114.6#

106 73.4 69.8 104.6



#16

Acetophenone

Concen: 6.677 ng/ul

RT: 8.340 min Scan# 927

Delta R.T. 0.135 min

Lab File: BN034307.D

Acq: 01 Oct 2024 17:51

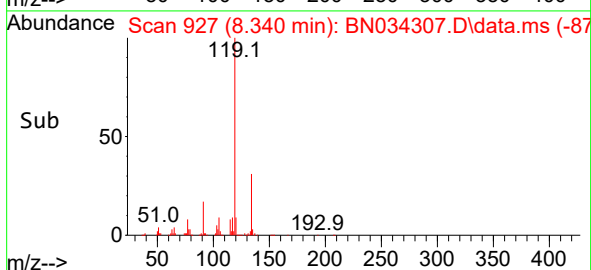
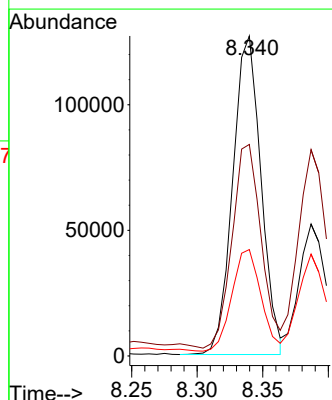
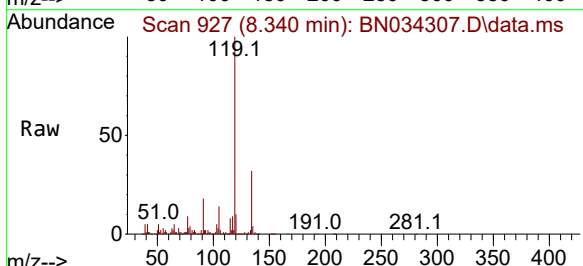
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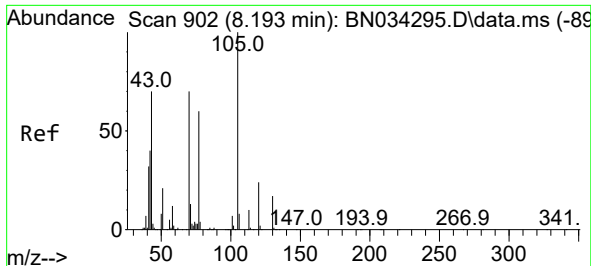
Ion Ratio Lower Upper

105 100

77 66.1 61.1 91.7

51 33.2 22.6 33.8

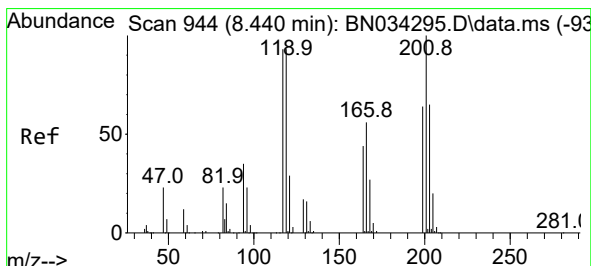
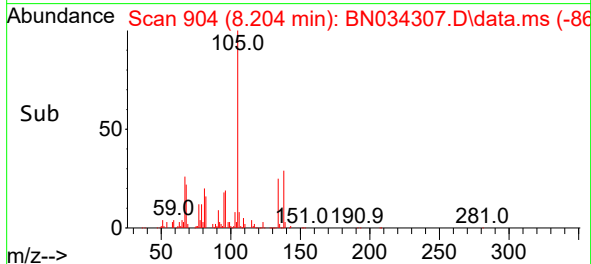
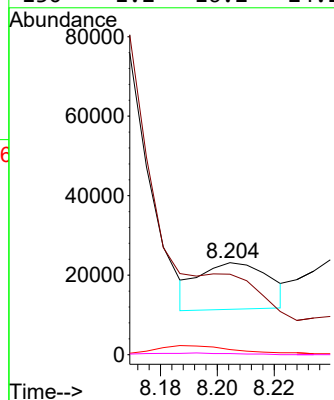
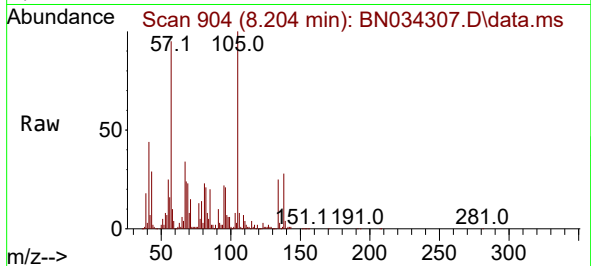




#17
N-Nitroso-di-n-propylamine
Concen: 1.422 ng/ul
RT: 8.204 min Scan# 904
Delta R.T. 0.006 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

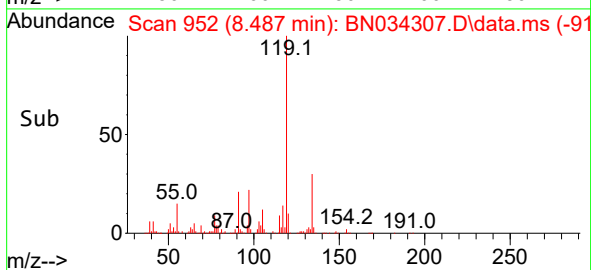
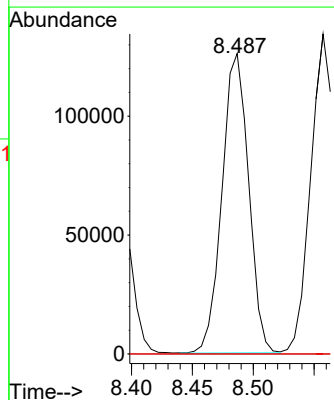
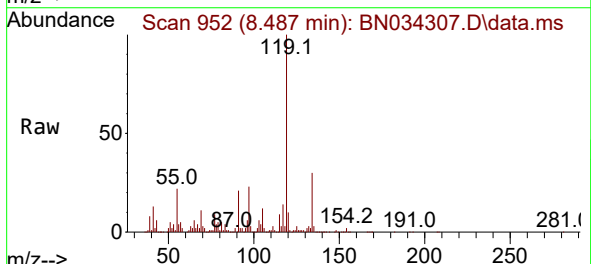
Instrument :
BNA_N
ClientSampleId :
DDCE6

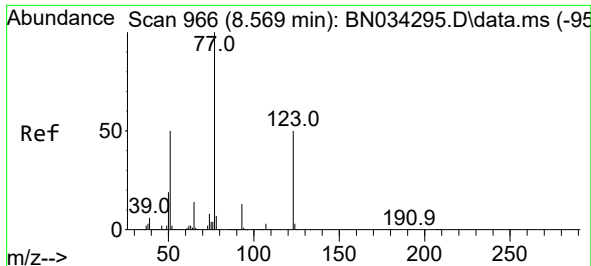
Tgt Ion: 70 Resp: 20049
Ion Ratio Lower Upper
70 100
42 87.4 47.9 71.9#
101 5.5 7.5 11.3#
130 1.2 16.2 24.2#



#19
Hexachloroethane
Concen: 25.818 ng/ul
RT: 8.487 min Scan# 952
Delta R.T. 0.047 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

Tgt Ion: 117 Resp: 191867
Ion Ratio Lower Upper
117 100
201 0.0 73.9 110.9#
199 0.0 44.0 66.0#

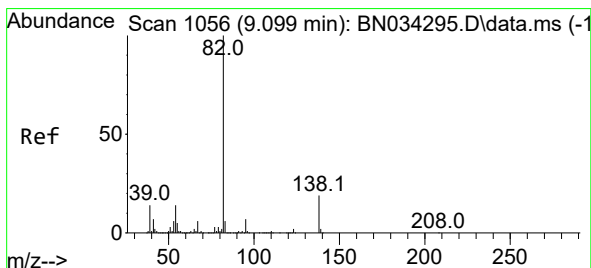
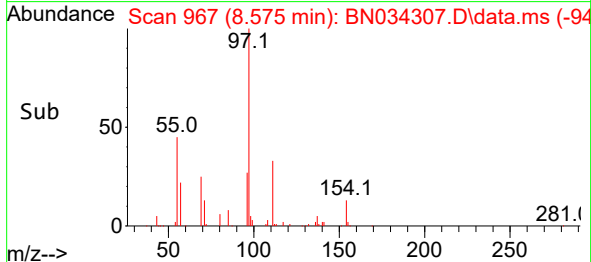
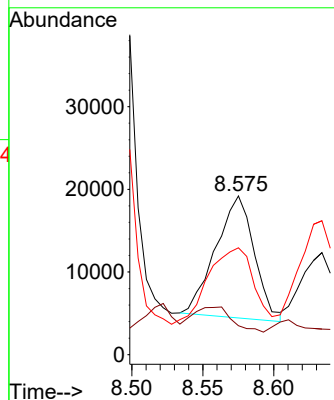
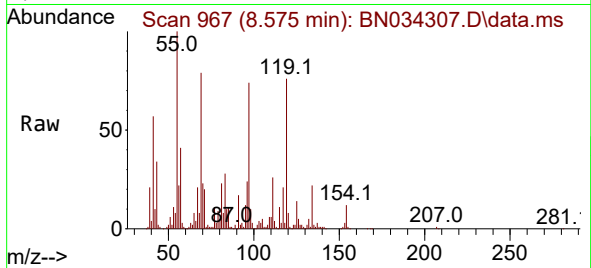




#22
Nitrobenzene
Concen: 1.456 ng/ul
RT: 8.575 min Scan# 967
Delta R.T. 0.006 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

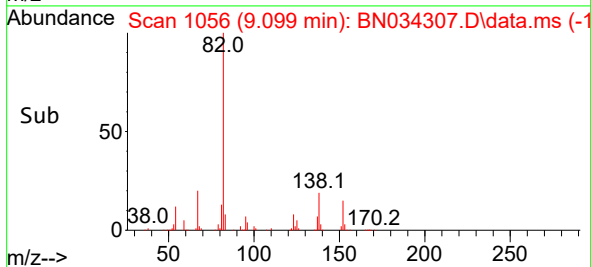
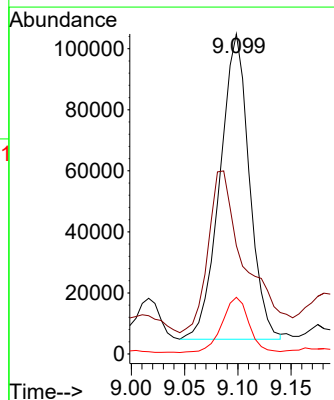
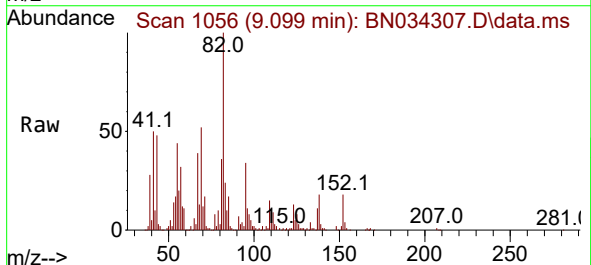
Instrument :
BNA_N
ClientSampleId :
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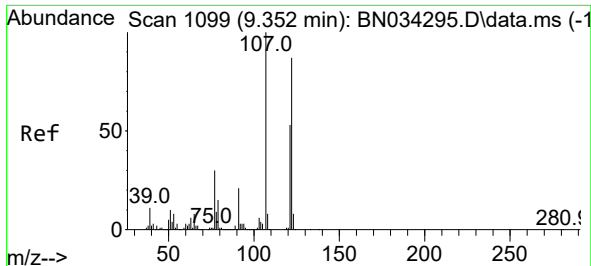
Tgt Ion: 77 Resp: 27673
Ion Ratio Lower Upper
77 100
123 18.3 34.5 51.7#
65 67.3 11.0 16.6#



#23
Isophorone
Concen: 5.495 ng/ul
RT: 9.099 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

Tgt Ion: 82 Resp: 192525
Ion Ratio Lower Upper
82 100
95 33.9 6.1 9.1#
138 17.7 13.4 20.0

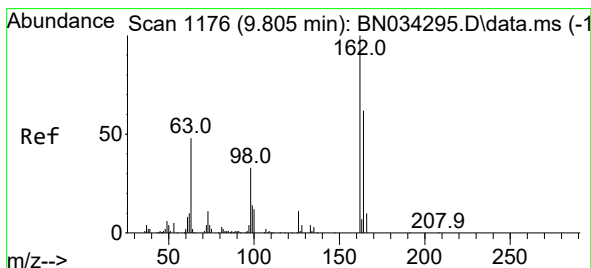
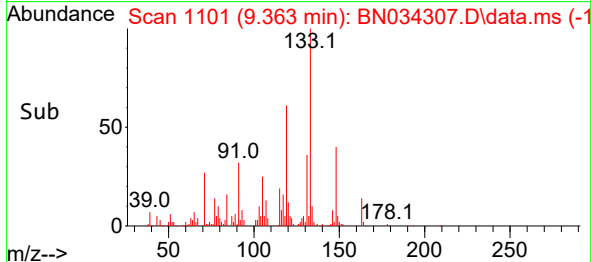
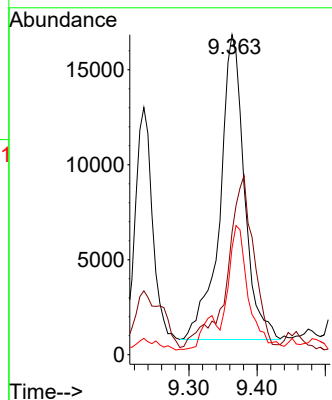
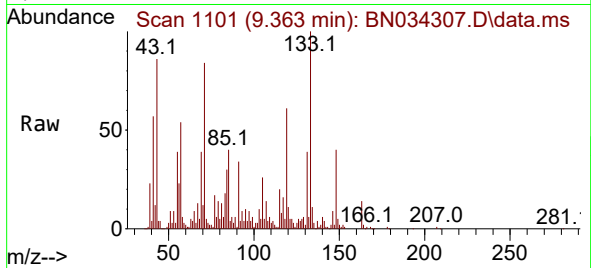




#26
2,4-Dimethylphenol
Concen: 2.238 ng/ul
RT: 9.363 min Scan# 1101
Delta R.T. 0.012 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

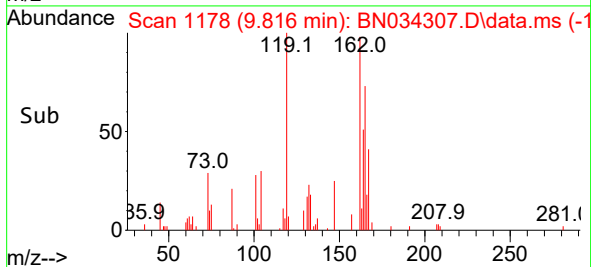
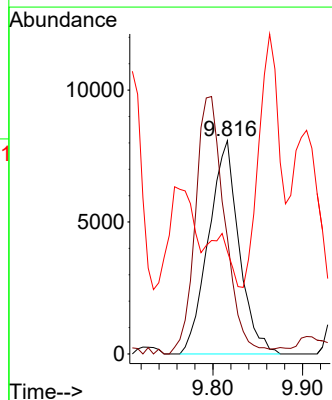
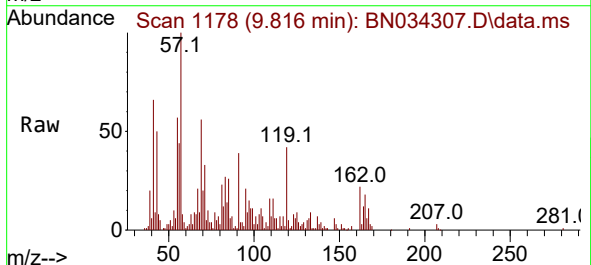
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ClientSampleId :
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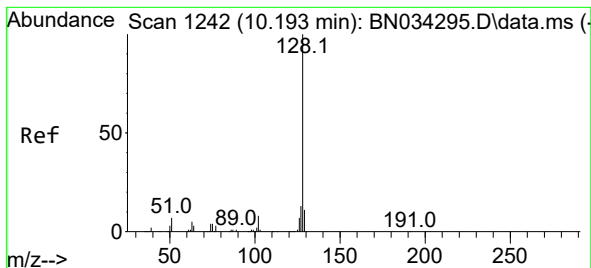
Tgt Ion:107 Resp: 40216
Ion Ratio Lower Upper
107 100
121 38.2 38.4 57.6#
122 33.4 62.9 94.3#



#29
2,4-Dichlorophenol
Concen: 1.282 ng/ul
RT: 9.816 min Scan# 1178
Delta R.T. 0.012 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

Tgt Ion:162 Resp: 19088
Ion Ratio Lower Upper
162 100
164 54.5 53.0 79.6
98 48.1 30.6 46.0#





#30

Naphthalene

Concen: 13.454 ng/ul

RT: 10.198 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BN034307.D

Acq: 01 Oct 2024 17:51

Instrument :

BNA_N

ClientSampleId :

DDCE6

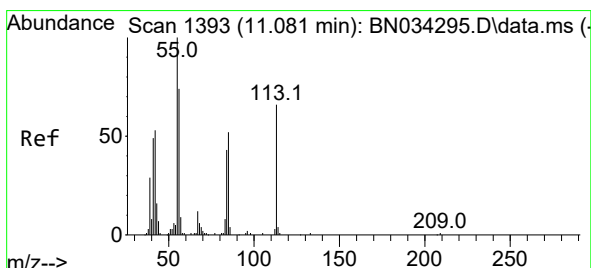
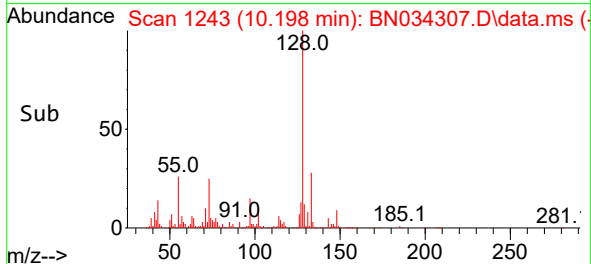
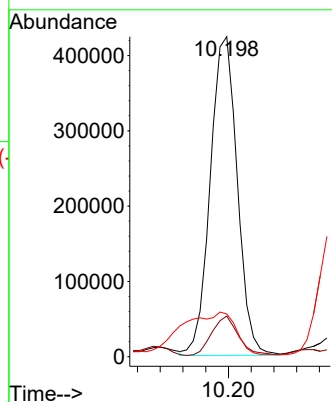
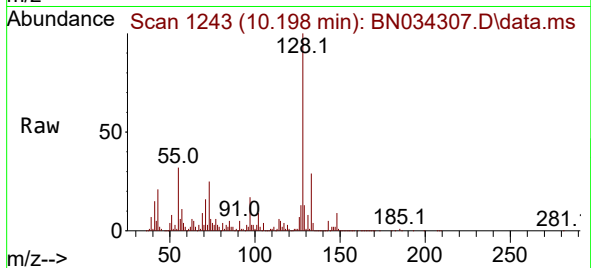
Tgt Ion:128 Resp: 700872

Ion Ratio Lower Upper

128 100

129 12.7 8.7 13.1

127 13.4 10.6 16.0



#34

Caprolactam

Concen: 2.933 ng/ul

RT: 11.087 min Scan# 1394

Delta R.T. -0.000 min

Lab File: BN034307.D

Acq: 01 Oct 2024 17:51

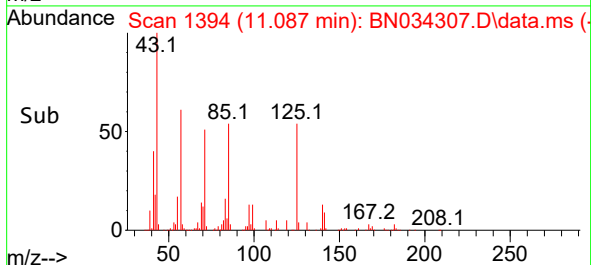
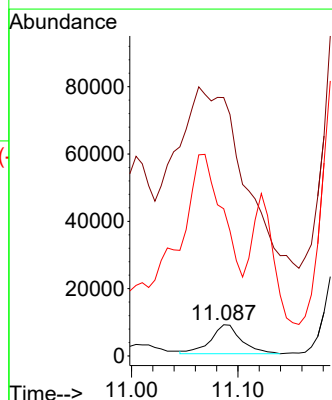
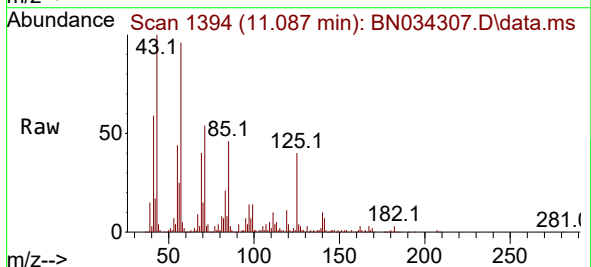
Tgt Ion:113 Resp: 17380

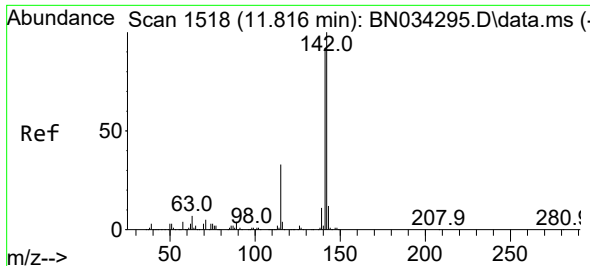
Ion Ratio Lower Upper

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56 471.5 99.7 149.5#

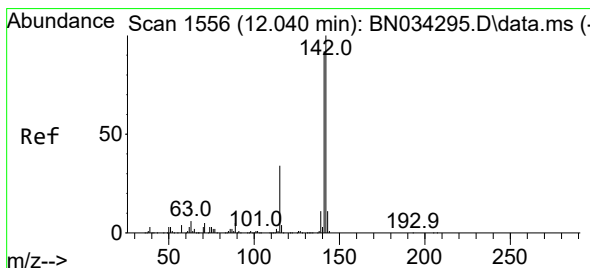
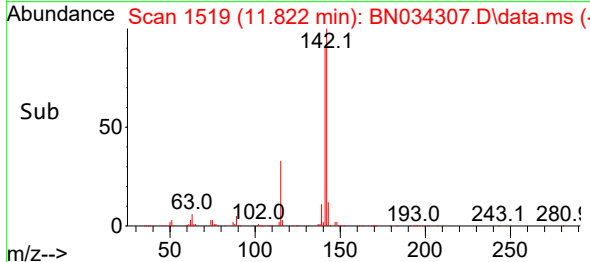
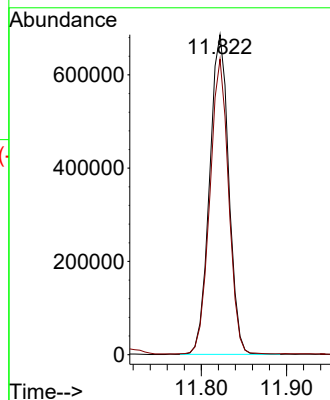
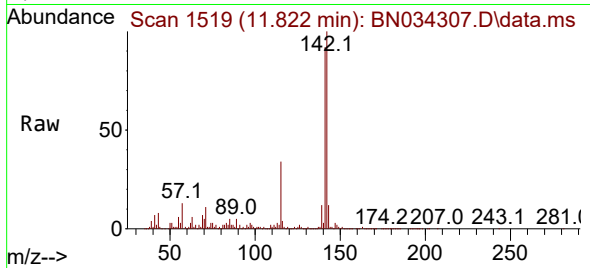




#36
2-Methylnaphthalene
Concen: 29.982 ng/ul
RT: 11.822 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

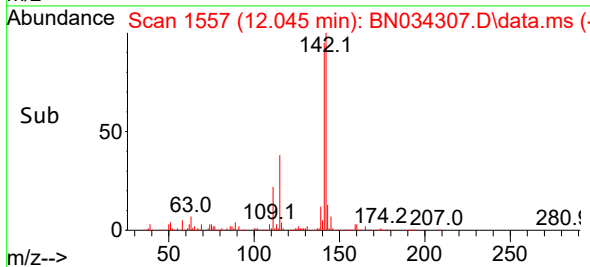
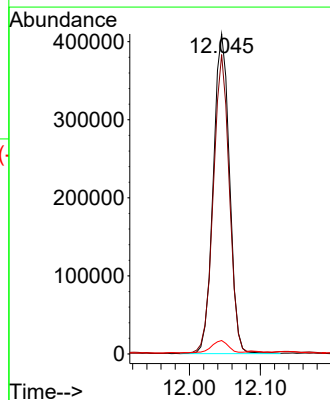
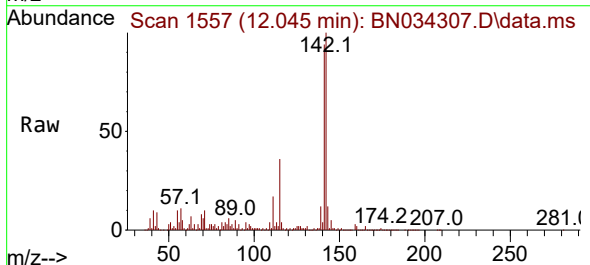
Instrument :
BNA_N
ClientSampleId :
DDCE6

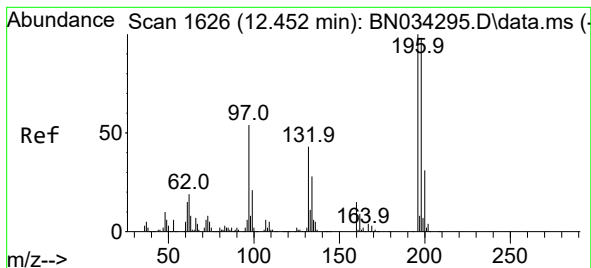
Tgt Ion:142 Resp: 1075858
Ion Ratio Lower Upper
142 100
141 92.3 72.2 108.2



#37
1-Methylnaphthalene
Concen: 17.818 ng/ul
RT: 12.045 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

Tgt Ion:142 Resp: 647186
Ion Ratio Lower Upper
142 100
141 93.5 72.5 108.7
116 4.2 3.2 4.8





#41

2,4,6-Trichlorophenol

Concen: 1.216 ng/ul

RT: 12.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN034307.D

Acq: 01 Oct 2024 17:51

Instrument :

BNA_N

ClientSampleId :

DDCE6

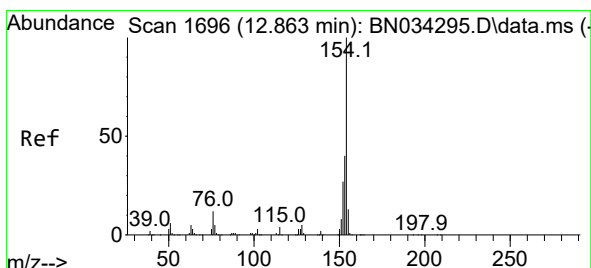
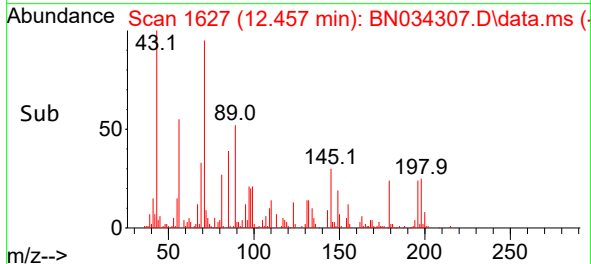
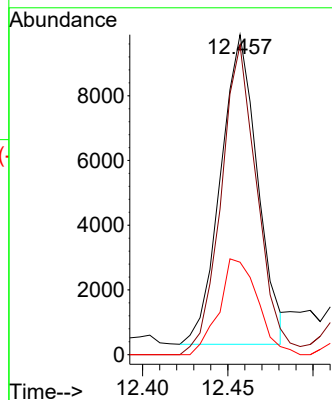
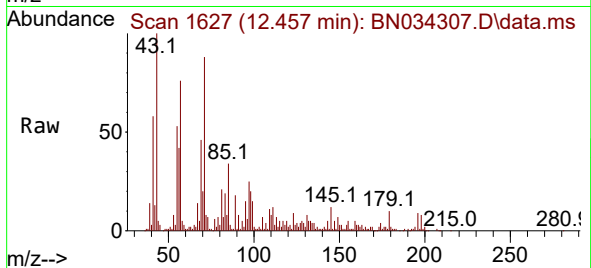
Tgt Ion:196 Resp: 14410

Ion Ratio Lower Upper

196 100

198 96.8 75.0 112.4

200 28.9 24.7 37.1



#43

1,1'-Biphenyl

Concen: 2.166 ng/ul

RT: 12.863 min Scan# 1696

Delta R.T. -0.000 min

Lab File: BN034307.D

Acq: 01 Oct 2024 17:51

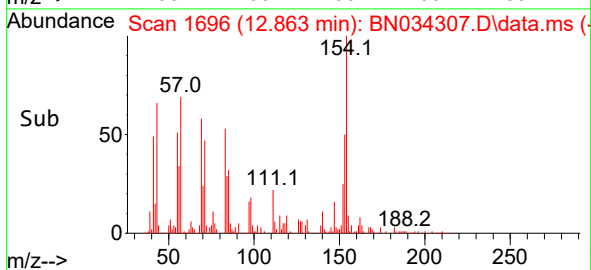
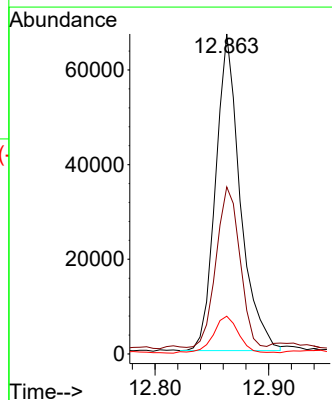
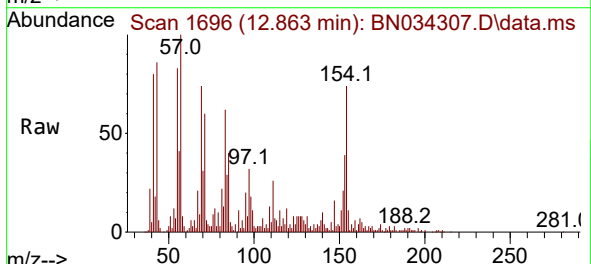
Tgt Ion:154 Resp: 101116

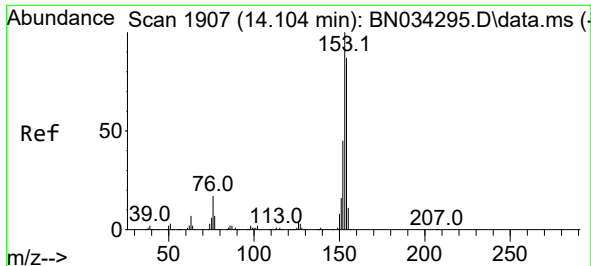
Ion Ratio Lower Upper

154 100

153 52.2 33.3 49.9#

76 11.8 10.2 15.4

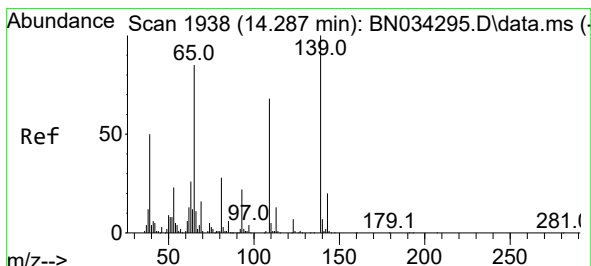
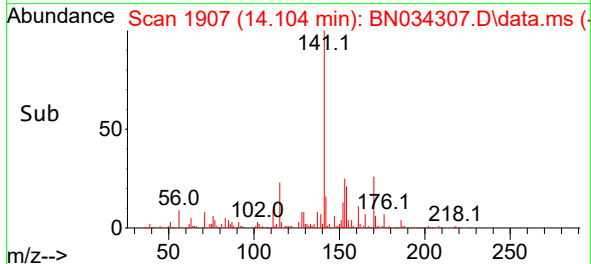
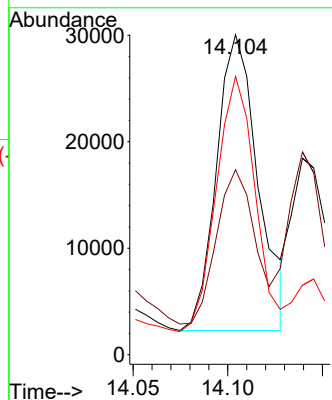
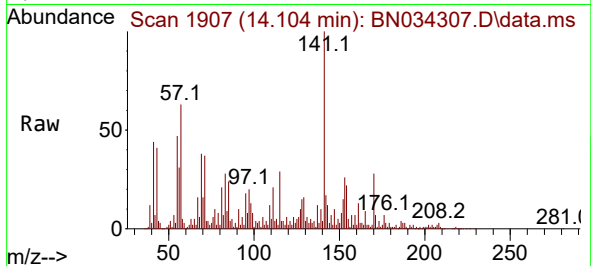




#52
Acenaphthene
Concen: 1.044 ng/ul
RT: 14.104 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

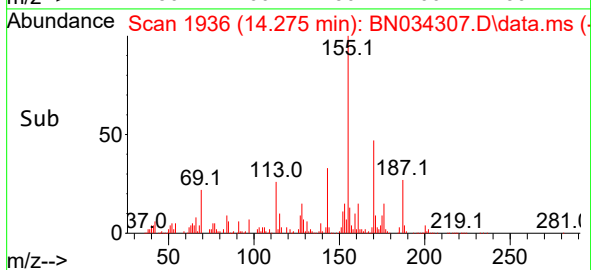
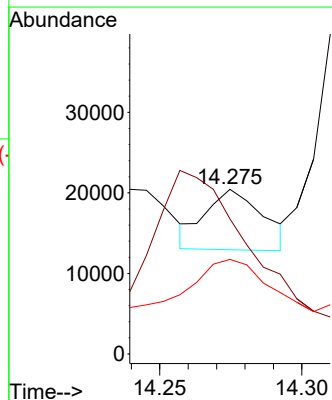
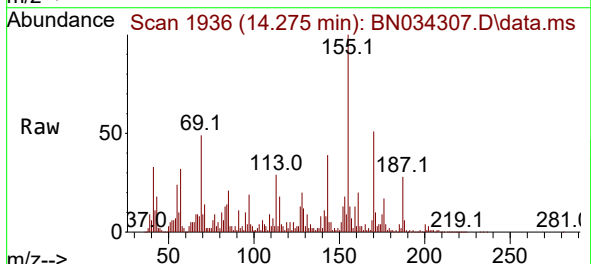
Instrument :
BNA_N
ClientSampleId :
DDCE6

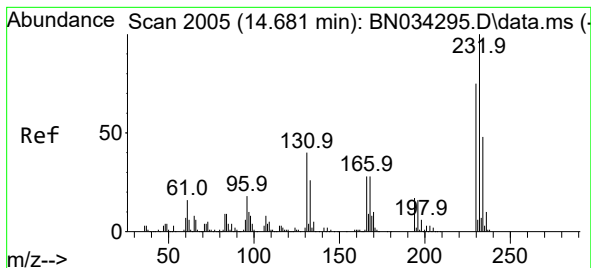
Tgt Ion:153 Resp: 42443
Ion Ratio Lower Upper
153 100
152 57.8 37.8 56.8#
154 87.0 71.2 106.8



#55
4-Nitrophenol
Concen: 1.302 ng/ul
RT: 14.275 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

Tgt Ion:109 Resp: 10497
Ion Ratio Lower Upper
109 100
139 82.0 102.8 154.2#
65 57.4 97.7 146.5#

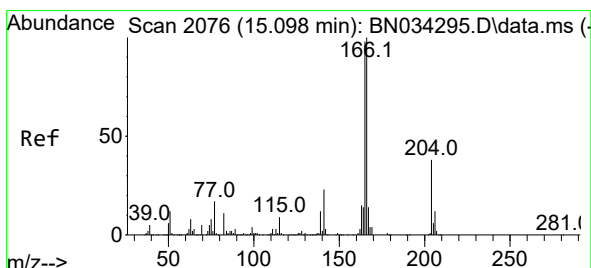
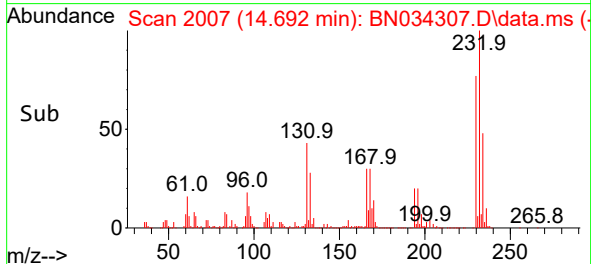
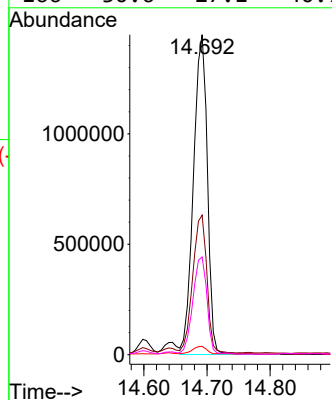
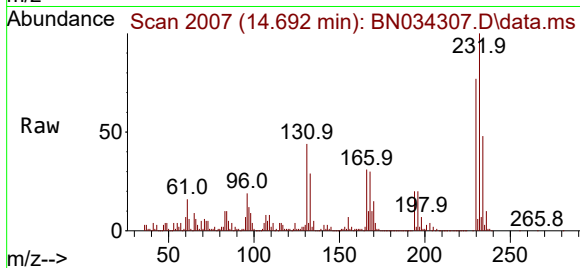




#58
2,3,4,6-Tetrachlorophenol
Concen: 205.175 ng/ul
RT: 14.692 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

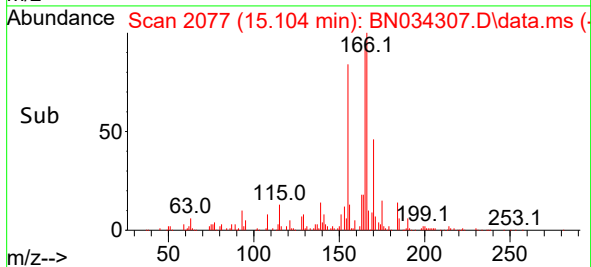
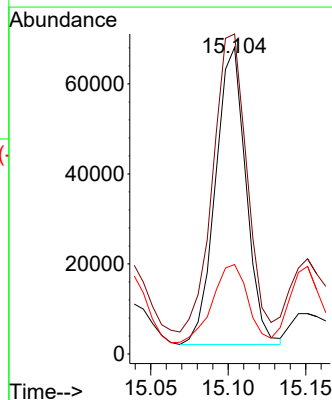
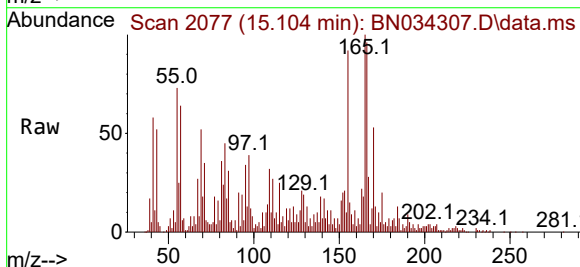
Instrument :
BNA_N
ClientSampleId :
DDCE6

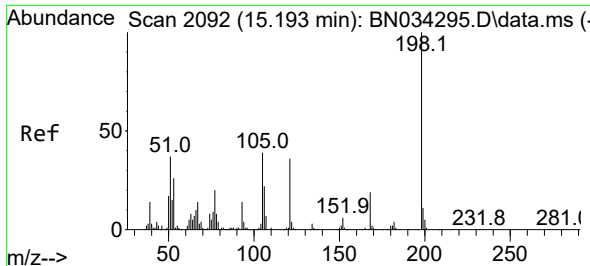
Tgt Ion:232 Resp: 2216039
Ion Ratio Lower Upper
232 100
131 43.6 41.0 61.6
130 2.6 2.2 3.2
166 30.6 27.1 40.7



#61
Fluorene
Concen: 1.992 ng/ul
RT: 15.104 min Scan# 2077
Delta R.T. 0.006 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

Tgt Ion:166 Resp: 90595
Ion Ratio Lower Upper
166 100
165 104.4 81.9 122.9
167 29.1 10.9 16.3#

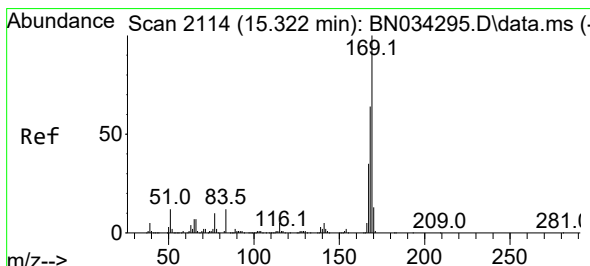
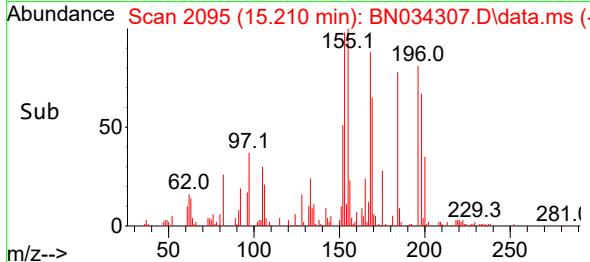
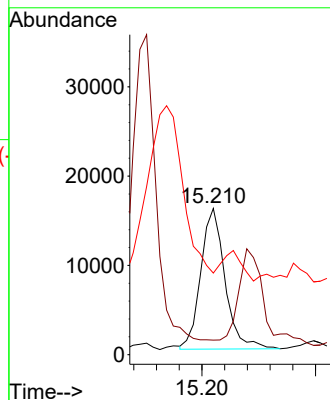
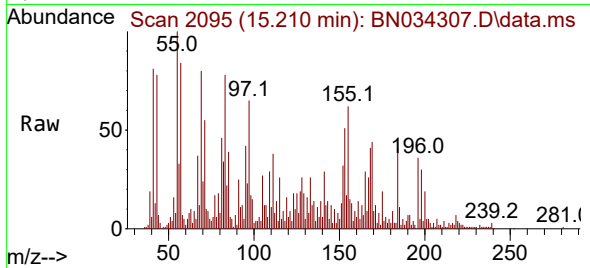




#66
4,6-Dinitro-2-methylphenol
Concen: 2.862 ng/ul
RT: 15.210 min Scan# 2092
Delta R.T. 0.018 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

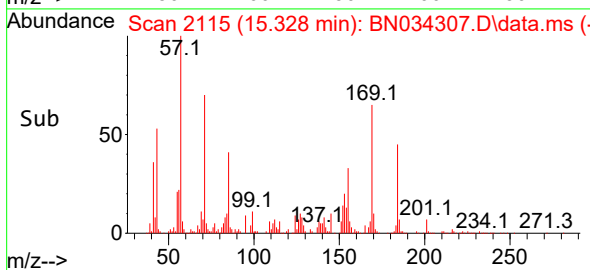
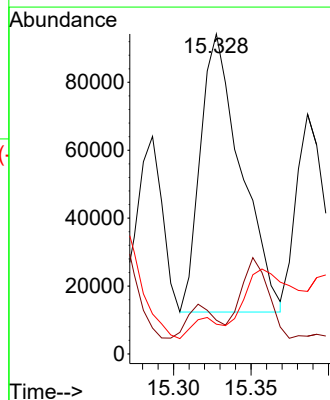
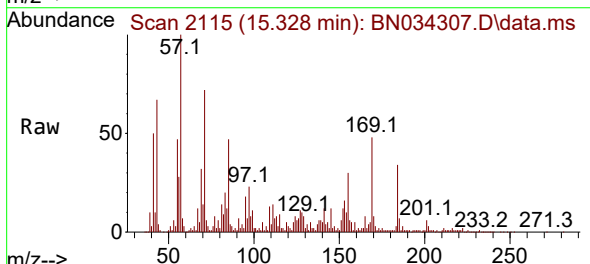
Instrument :
BNA_N
ClientSampleId :
DDCE6

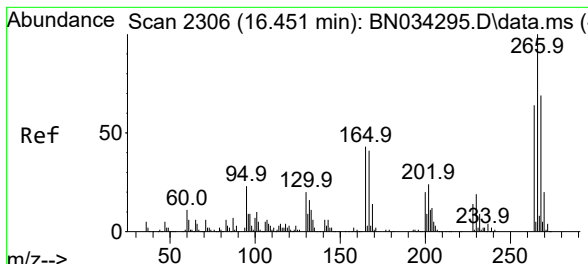
Tgt Ion:198 Resp: 23347
Ion Ratio Lower Upper
198 100
182 10.0 3.2 4.8#
77 55.7 21.1 31.7#



#67
N-Nitrosodiphenylamine
Concen: 4.032 ng/ul
RT: 15.328 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BN034307.D
Acq: 01 Oct 2024 17:51

Tgt Ion:169 Resp: 148839
Ion Ratio Lower Upper
169 100
168 10.5 52.8 79.2#
167 9.3 28.6 43.0#

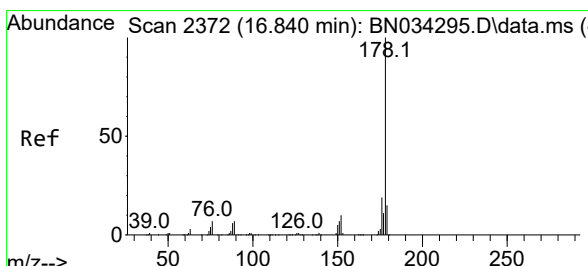
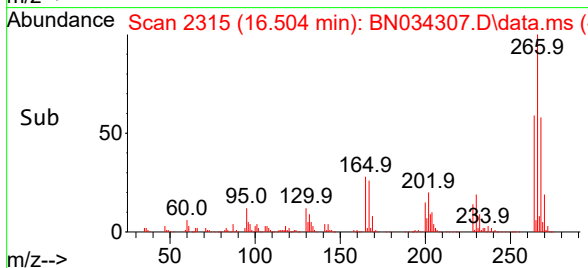
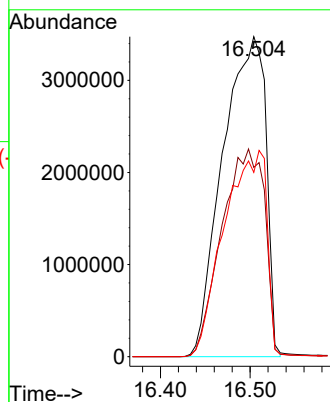
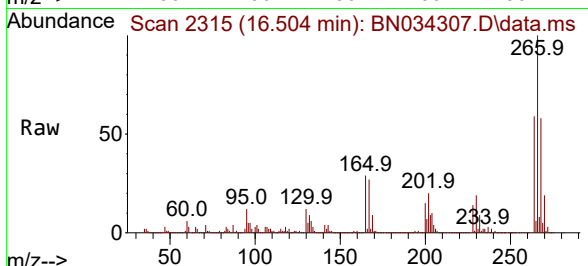




#71
 Pentachlorophenol
 Concen: 1196.078 ng/ul
 RT: 16.504 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: BN034307.D
 Acq: 01 Oct 2024 17:51

Instrument :
 BNA_N
 ClientSampleId :
 DDCE6

Tgt Ion:266 Resp:11567269
 Ion Ratio Lower Upper
 266 100
 264 59.1 51.1 76.7
 268 57.6 52.8 79.2



#72
 Phenanthrene
 Concen: 6.318 ng/ul
 RT: 16.851 min Scan# 2374
 Delta R.T. 0.012 min
 Lab File: BN034307.D
 Acq: 01 Oct 2024 17:51

Tgt Ion:178 Resp: 429211
 Ion Ratio Lower Upper
 178 100
 179 18.5 11.9 17.9#
 176 19.1 15.2 22.8

