

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034646.D
 Acq On : 18 Oct 2024 11:44
 Operator : RC/JU
 Sample : P4380-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 22:54:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	371781	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1526987	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	832752	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.040	188	1352399	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	962221	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1173599	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	36802	3.961	ng/uL	0.00
4) Pyridine-d5	3.605	84	153753	5.668	ng/ul	0.00
7) Phenol-d5	6.834	99	274687	9.003	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	603617	32.072	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	736167	31.234	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	492582	20.715	ng/ul	0.00
21) Nitrobenzene-d5	8.811	128	385943	36.320	ng/ul	0.00
24) 2-Nitrophenol-d4	9.528	143	388945	46.318	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	698097	36.069	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	459297	13.833	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1789482	33.967	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	2233391	34.130	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	94009	9.579	ng/ul	0.00
60) Fluorene-d10	15.293	176	1496151	32.835	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	186276	41.092	ng/ul	0.00
73) Anthracene-d10	17.139	188	2034938	35.199	ng/ul	0.00
81) Pyrene-d10	19.433	212	1921427	38.891	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1988067	36.765	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	49888	4.997	ng/uL	99
5) Pyridine	3.623	79	212833	7.710	ng/ul	99
6) Benzaldehyde	6.811	77	511120	28.539	ng/ul	99
8) Phenol	6.864	94	344445	10.811	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	853423	33.971	ng/ul	98
12) 2-Chlorophenol	7.234	128	800975	32.540	ng/ul	97
13) 2-Methylphenol	8.105	108	602630	25.623	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.193	45	1265268	33.434	ng/ul	99
16) Acetophenone	8.481	105	1289385	33.958	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.475	70	620655	33.565	ng/ul	96
18) 4-Methylphenol	8.434	108	581307	22.799	ng/ul	96
19) Hexachloroethane	8.740	117	350332	34.132	ng/ul	96
22) Nitrobenzene	8.852	77	958262	37.700	ng/ul	99
23) Isophorone	9.381	82	1767100	35.168	ng/ul	98
25) 2-Nitrophenol	9.558	139	451510	45.724	ng/ul	99
26) 2,4-Dimethylphenol	9.628	107	838177	34.013	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.869	93	1095272	35.338	ng/ul	98
29) 2,4-Dichlorophenol	10.093	162	724874	37.018	ng/ul	98
30) Naphthalene	10.493	128	2673419	34.831	ng/ul	98
32) 4-Chloroaniline	10.599	127	508712	16.158	ng/ul	98
33) Hexachlorobutadiene	10.787	225	408274	34.690	ng/ul	98
34) Caprolactam	11.387	113	35627	4.667	ng/ul	96
35) 4-Chloro-3-methylphenol	11.722	107	759987	34.714	ng/ul	99
36) 2-Methylnaphthalene	12.110	142	1726778	34.167	ng/ul	100

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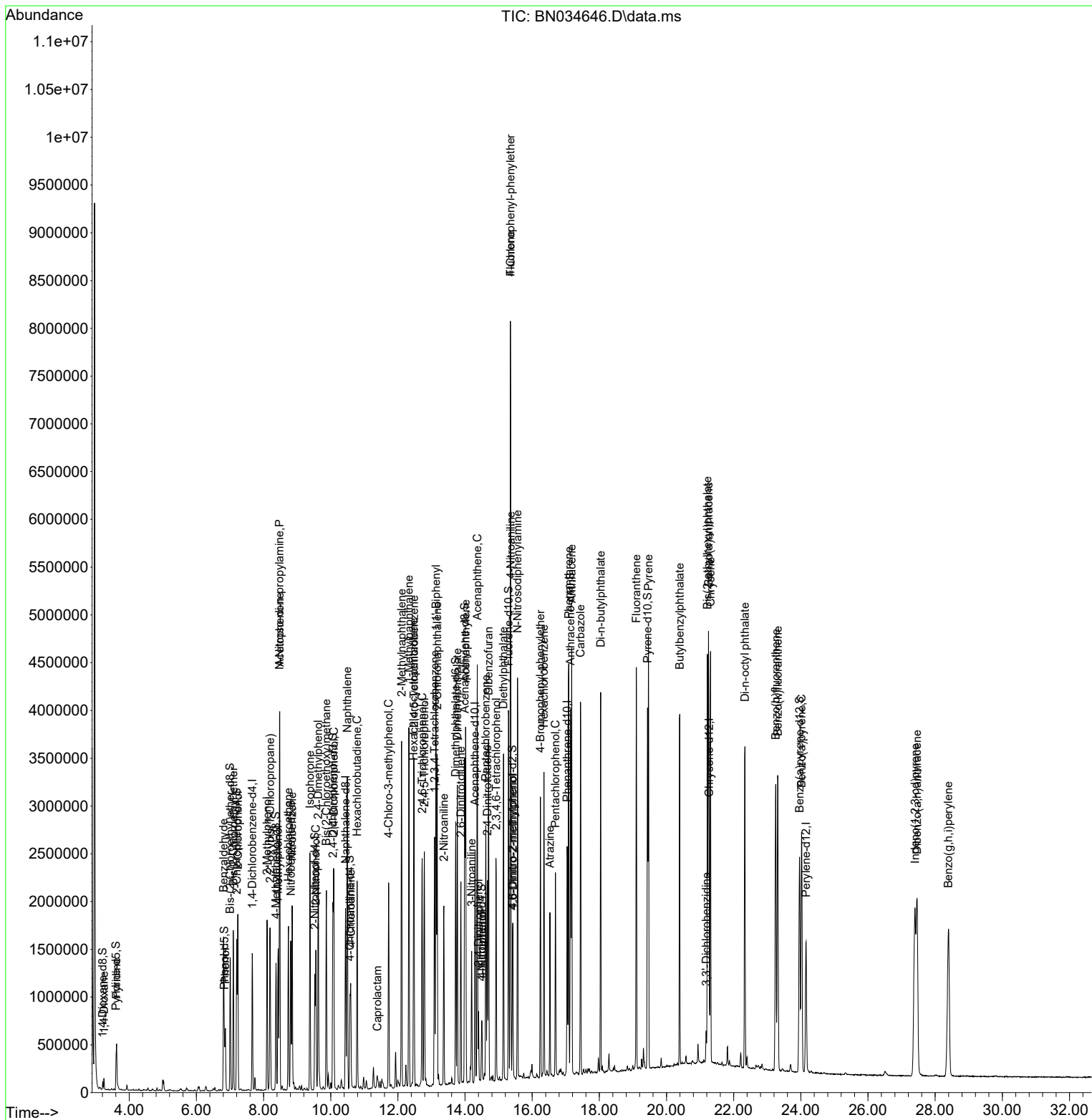
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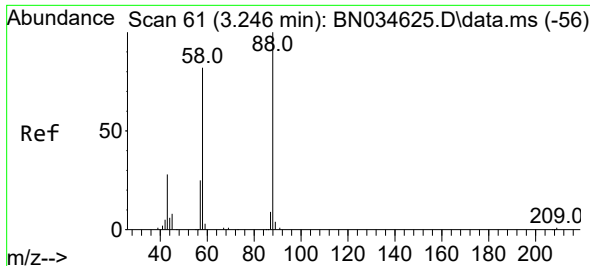
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1722140	33.474	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	762992	37.287	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	342359	31.496	ng/ul	92
41) 2,4,6-Trichlorophenol	12.722	196	509457	42.880	ng/ul	92
42) 2,4,5-Trichlorophenol	12.787	196	563201	42.779	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	2123306	37.129	ng/ul	98
44) 2-Chloronaphthalene	13.169	162	1630103	36.470	ng/ul	99
45) 2-Nitroaniline	13.369	65	500995	42.728	ng/ul	95
47) Dimethylphthalate	13.769	163	1917185	36.231	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	406083	44.301	ng/ul	93
50) Acenaphthylene	14.016	152	2556381	36.053	ng/ul	97
51) 3-Nitroaniline	14.198	138	343028	29.319	ng/ul#	90
52) Acenaphthene	14.363	153	1728366	35.084	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	130731	36.559	ng/ul	94
55) 4-Nitrophenol	14.504	109	77197	10.742	ng/ul	96
56) Dibenzofuran	14.698	168	2281855	34.858	ng/ul	96
57) 2,4-Dinitrotoluene	14.663	165	542893	41.528	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.928	232	399525	42.337	ng/ul	94
59) Diethylphthalate	15.145	149	1924059	35.838	ng/ul	98
61) Fluorene	15.351	166	1787278	33.883	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.351	204	810074	34.211	ng/ul	99
63) 4-Nitroaniline	15.363	138	376913	32.334	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.428	198	219719	41.896	ng/ul	95
67) N-Nitrosodiphenylamine	15.563	169	1547345	40.601	ng/ul	98
68) 4-Bromophenyl-phenylether	16.245	248	478621	40.652	ng/ul	98
69) Hexachlorobenzene	16.351	284	524889	38.825	ng/ul	97
70) Atrazine	16.528	200	261826	20.509	ng/ul	99
71) Pentachlorophenol	16.692	266	320547	44.239	ng/ul	94
72) Phenanthrene	17.087	178	2540303	37.633	ng/ul	98
74) Anthracene	17.175	178	2549614	36.555	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	737367	43.546	ng/ul	99
76) Pentachlorobenzene	14.616	250	658470	40.634	ng/ul	99
77) Carbazole	17.439	167	2316410	35.866	ng/ul	100
78) Di-n-butylphthalate	18.039	149	2919289	38.847	ng/ul	100
80) Fluoranthene	19.098	202	2406439	40.600	ng/ul	97
82) Pyrene	19.463	202	2515165	39.836	ng/ul	100
83) Butylbenzylphthalate	20.392	149	1123795	48.012	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.180	252	140000	7.233	ng/ul	98
85) Benzo(a)anthracene	21.251	228	2321343	37.972	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	1576743	42.932	ng/ul	99
87) Chrysene	21.310	228	2127041	36.657	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	2737963	40.141	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2437464	38.651	ng/ul	100
91) Benzo(k)fluoranthene	23.316	252	2416392	37.497	ng/ul	98
93) Benzo(a)pyrene	24.021	252	2200457	36.039	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.398	276	3037618	39.877	ng/ul	98
95) Dibenzo(a,h)anthracene	27.462	278	2470034	39.902	ng/ul	99
96) Benzo(g,h,i)perylene	28.392	276	1425932	24.117	ng/ul	98

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

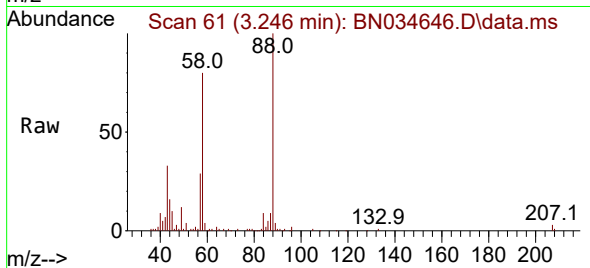
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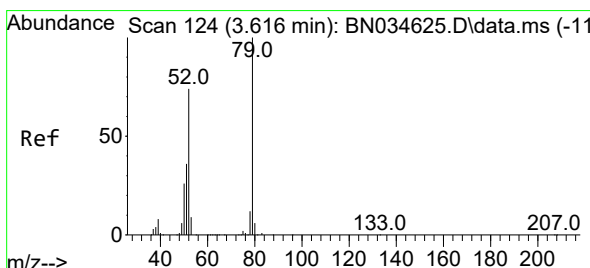
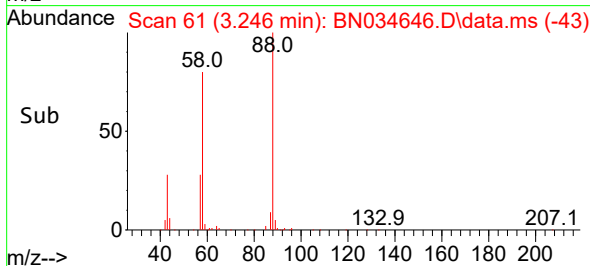
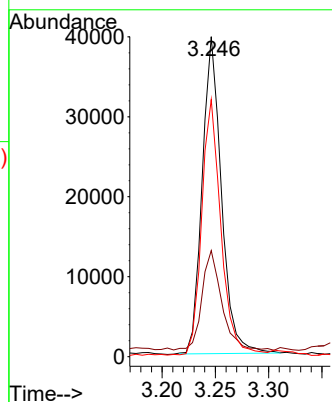


#2
1,4-Dioxane
Concen: 4.997 ng/uL
RT: 3.246 min Scan# 61
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Instrument :
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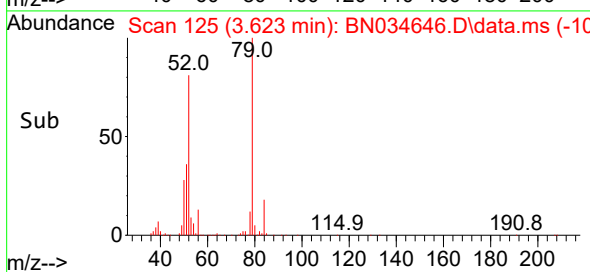
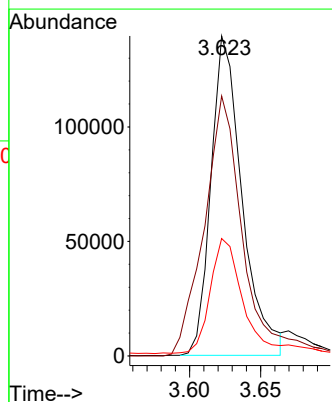
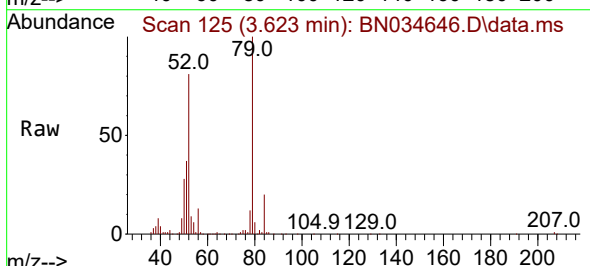


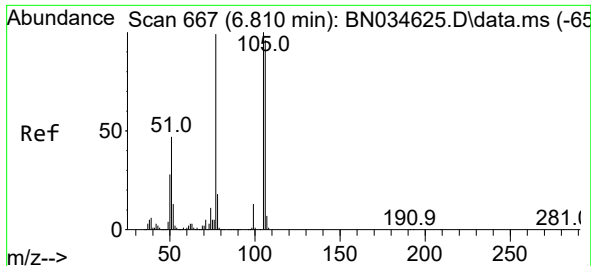
Tgt Ion: 88 Resp: 49888
Ion Ratio Lower Upper
88 100
43 33.1 24.5 36.7
58 80.3 64.5 96.7



#5
Pyridine
Concen: 7.710 ng/uL
RT: 3.623 min Scan# 125
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion: 79 Resp: 212833
Ion Ratio Lower Upper
79 100
52 81.2 63.9 95.9
51 36.7 29.2 43.8

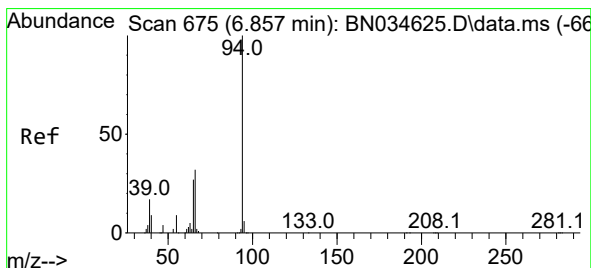
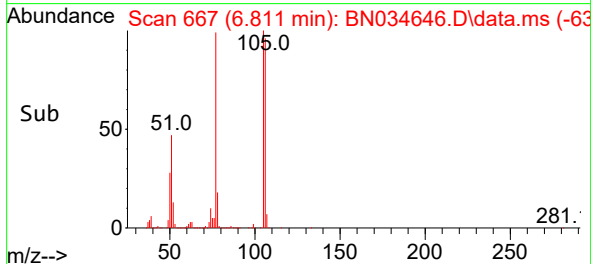
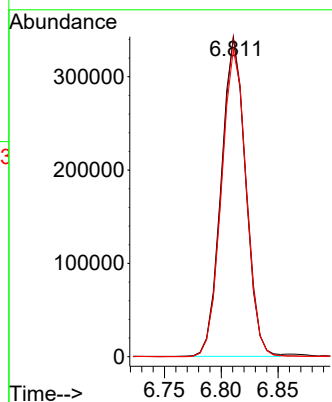
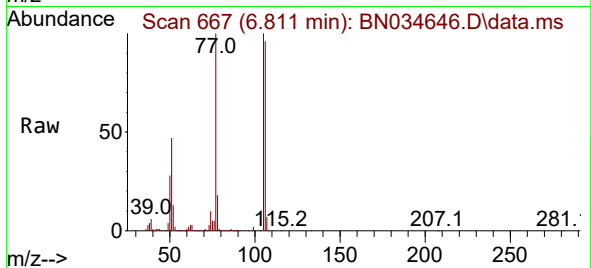




#6
Benzaldehyde
Concen: 28.539 ng/ul
RT: 6.811 min Scan# 667
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

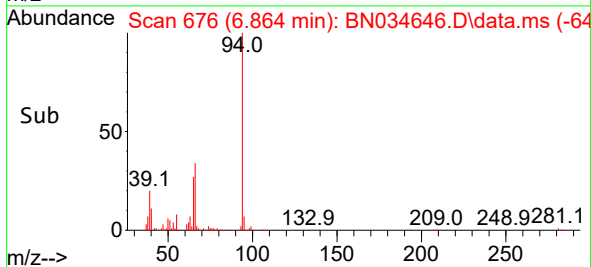
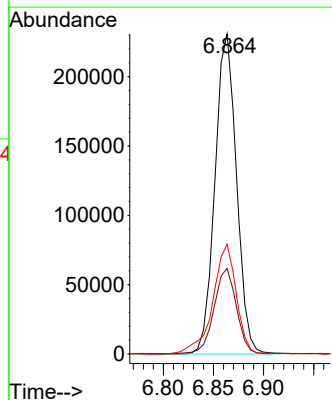
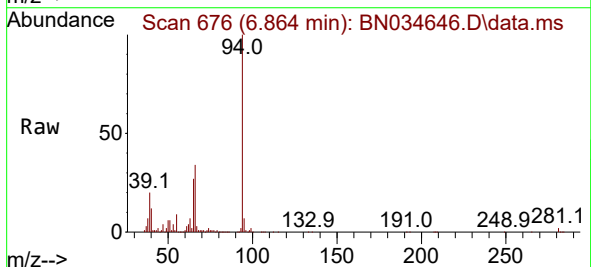
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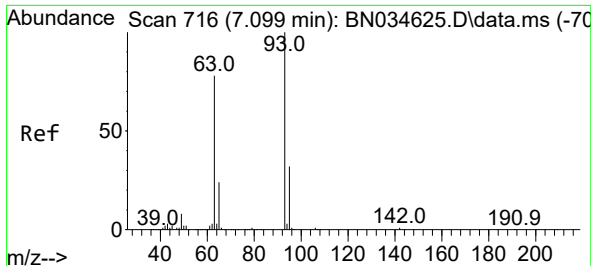
Tgt Ion: 77 Resp: 511120
Ion Ratio Lower Upper
77 100
105 100.4 81.2 121.8
106 96.4 78.3 117.5



#8
Phenol
Concen: 10.811 ng/ul
RT: 6.864 min Scan# 676
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

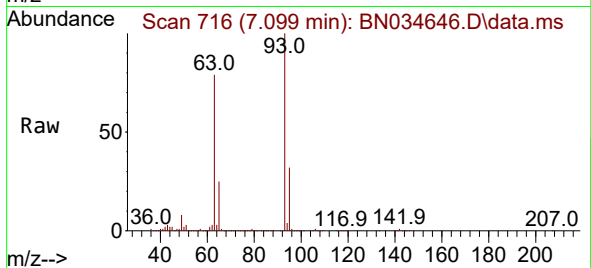
Tgt Ion: 94 Resp: 344445
Ion Ratio Lower Upper
94 100
65 26.8 22.2 33.4
66 34.3 27.4 41.0



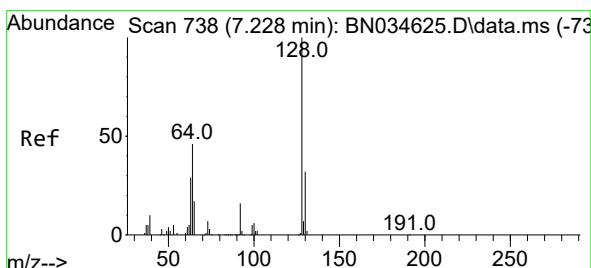
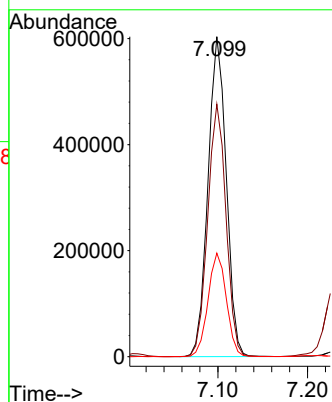
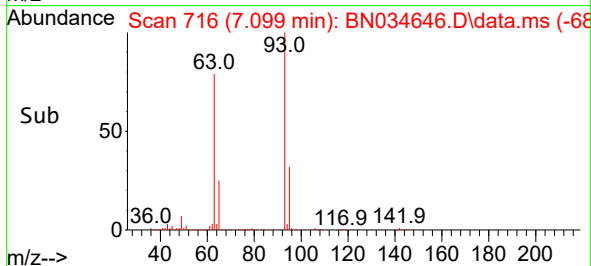


#10
Bis(2-Chloroethyl)ether
Concen: 33.971 ng/ul
RT: 7.099 min Scan# 716
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Instrument :
BNA_N
ClientSampleId :

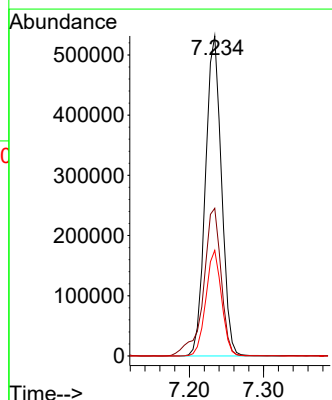
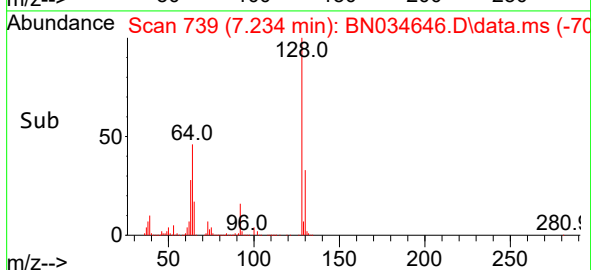
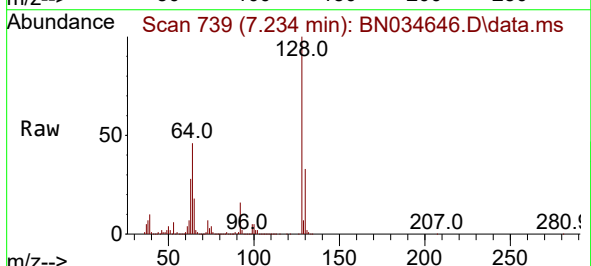


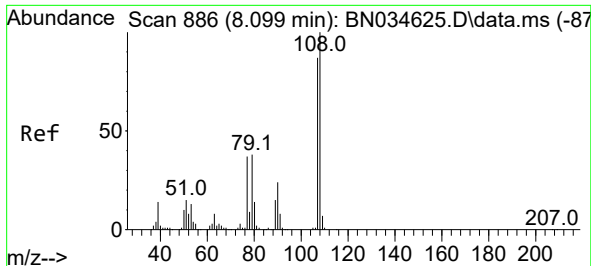
Tgt Ion: 93 Resp: 853423
Ion Ratio Lower Upper
93 100
63 78.9 65.0 97.6
95 32.4 26.4 39.6



#12
2-Chlorophenol
Concen: 32.540 ng/ul
RT: 7.234 min Scan# 739
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion:128 Resp: 800975
Ion Ratio Lower Upper
128 100
64 46.1 39.8 59.8
130 33.0 26.3 39.5





#13

2-Methylphenol

Concen: 25.623 ng/ul

RT: 8.105 min Scan# 8

Delta R.T. 0.006 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

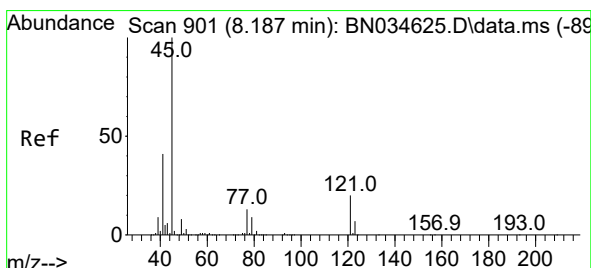
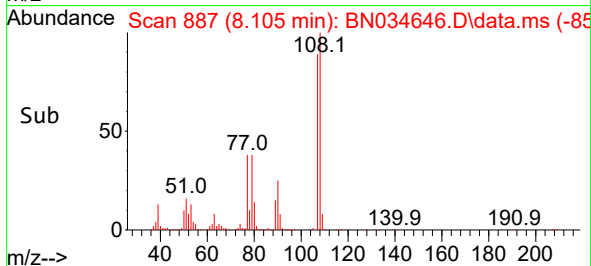
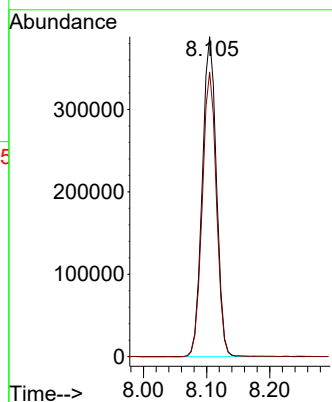
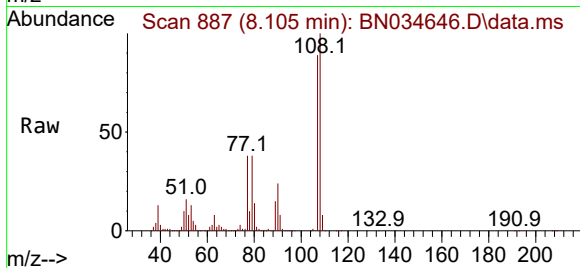
ClientSampleId :

Tgt Ion:108 Resp: 602630

Ion Ratio Lower Upper

108 100

107 89.0 70.1 105.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 33.434 ng/ul

RT: 8.193 min Scan# 902

Delta R.T. 0.000 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

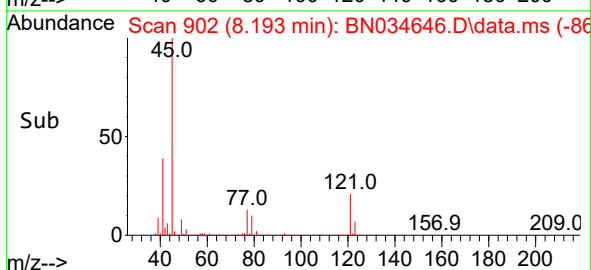
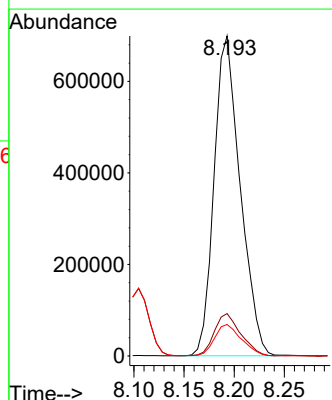
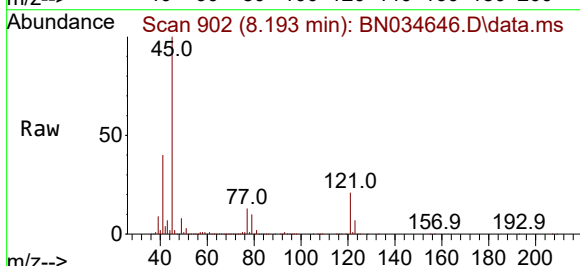
Tgt Ion: 45 Resp: 1265268

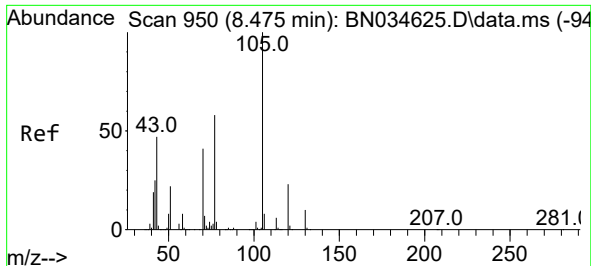
Ion Ratio Lower Upper

45 100

77 13.2 10.4 15.6

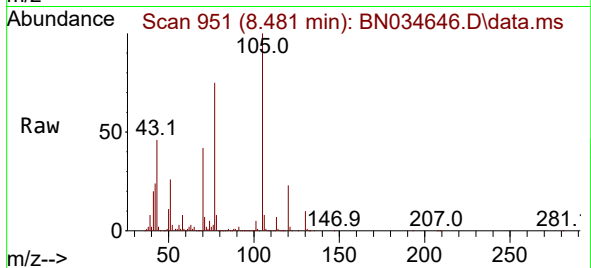
79 9.8 7.4 11.2



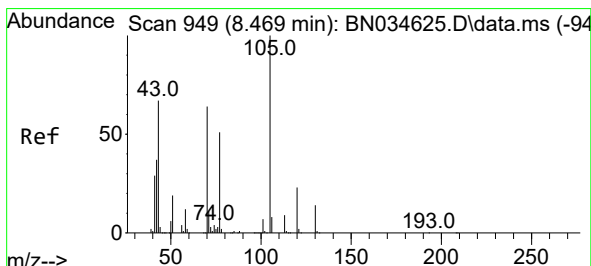
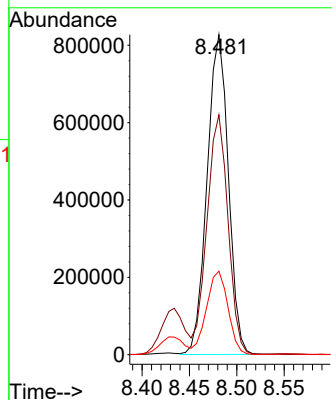
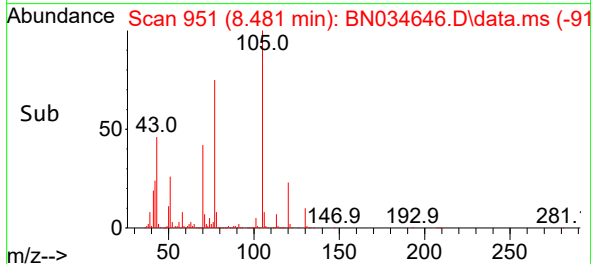


#16
Acetophenone
Concen: 33.958 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Instrument :
BNA_N
ClientSampleId :

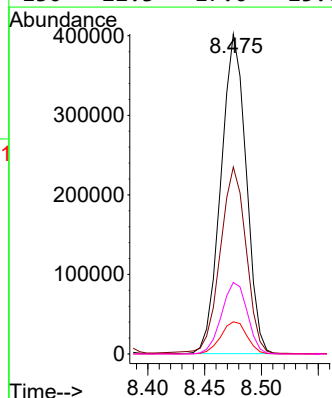
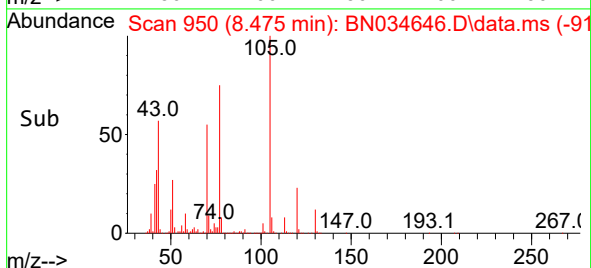
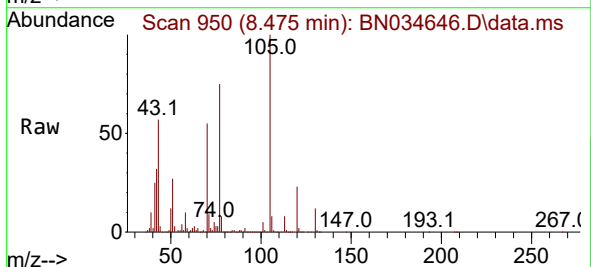


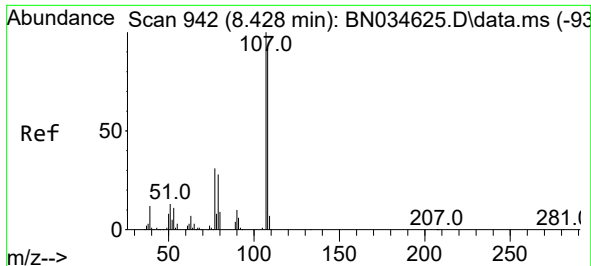
Tgt Ion:105 Resp: 1289385
Ion Ratio Lower Upper
105 100
77 75.0 61.4 92.0
51 26.1 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 33.565 ng/ul
RT: 8.475 min Scan# 950
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion: 70 Resp: 620655
Ion Ratio Lower Upper
70 100
42 58.4 49.8 74.6
101 10.1 8.2 12.4
130 22.3 17.0 25.6

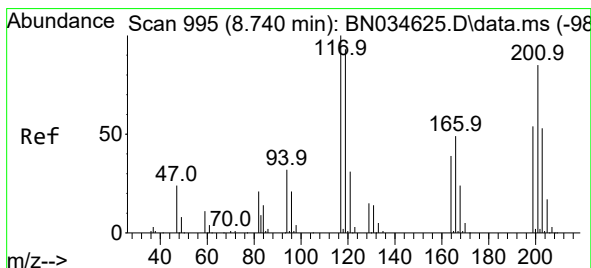
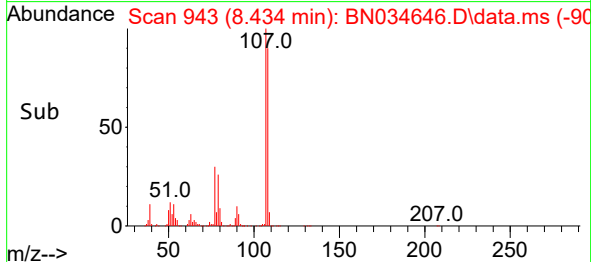
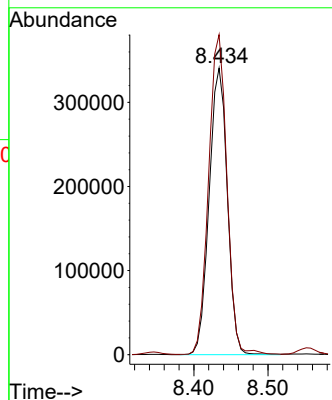
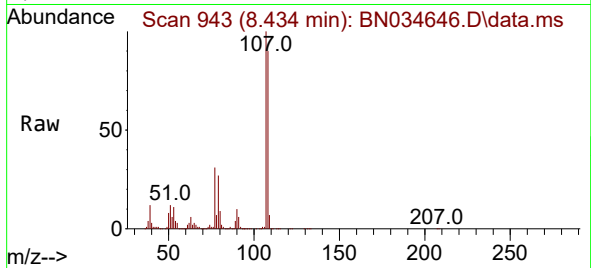




#18
4-Methylphenol
Concen: 22.799 ng/ul
RT: 8.434 min Scan# 942
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

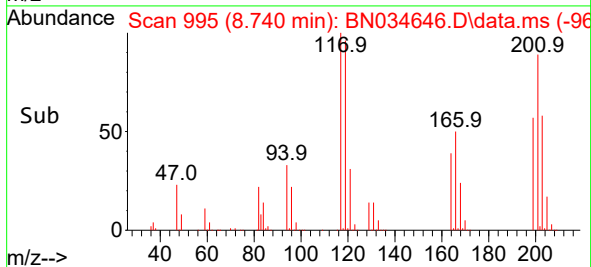
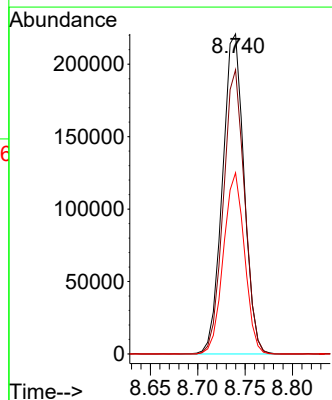
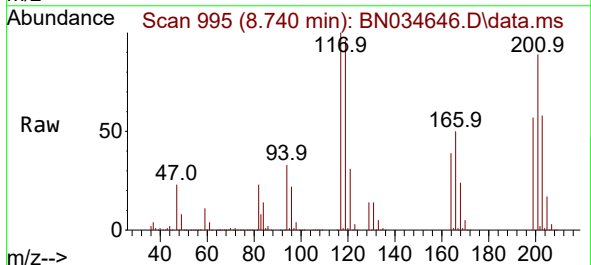
Instrument :
BNA_N
ClientSampleId :

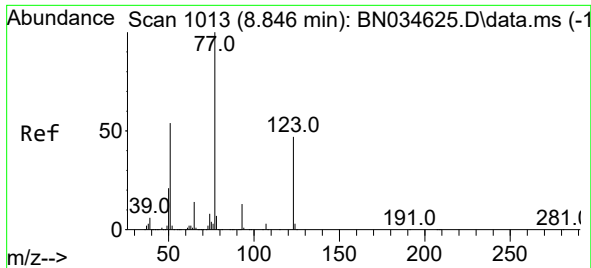
Tgt Ion:108 Resp: 581307
Ion Ratio Lower Upper
108 100
107 111.7 85.8 128.6



#19
Hexachloroethane
Concen: 34.132 ng/ul
RT: 8.740 min Scan# 995
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion:117 Resp: 350332
Ion Ratio Lower Upper
117 100
201 88.8 67.0 100.4
199 56.6 44.7 67.1

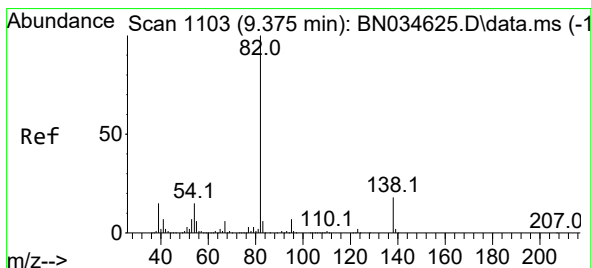
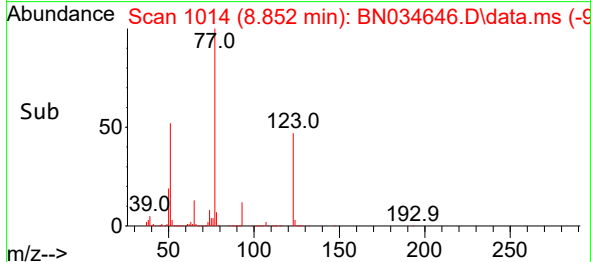
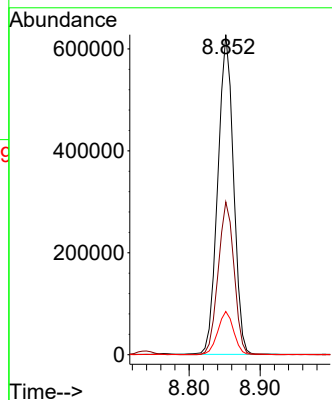
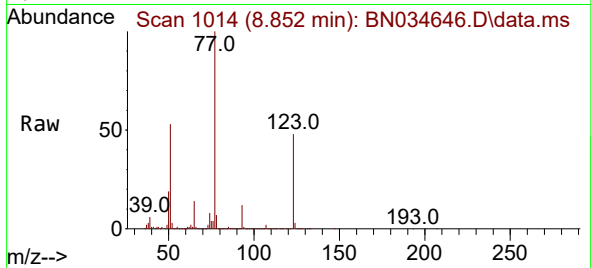




#22
Nitrobenzene
Concen: 37.700 ng/ul
RT: 8.852 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

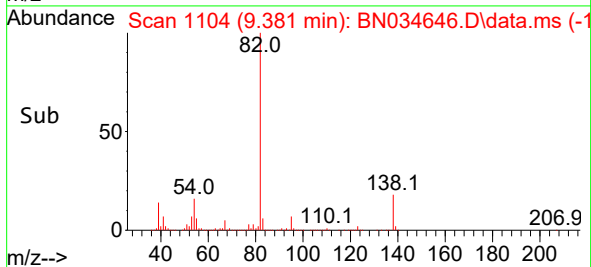
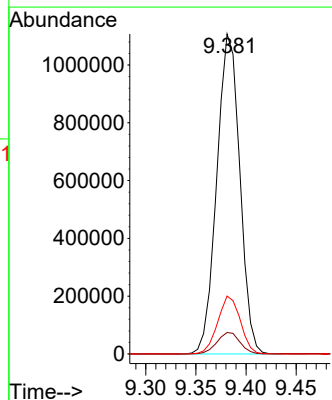
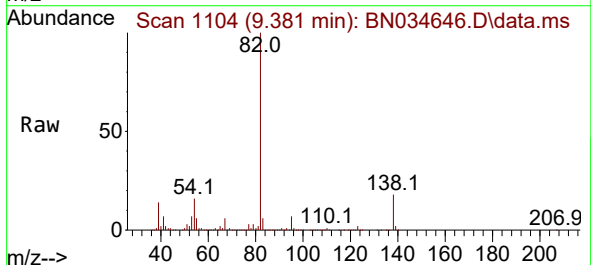
Instrument :
BNA_N
ClientSampleId :

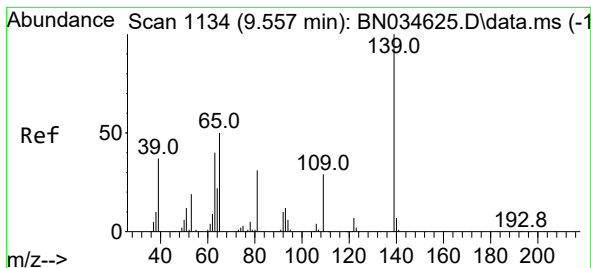
Tgt Ion: 77 Resp: 958262
Ion Ratio Lower Upper
77 100
123 47.7 37.5 56.3
65 13.5 10.8 16.2



#23
Isophorone
Concen: 35.168 ng/ul
RT: 9.381 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion: 82 Resp: 1767100
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.1 13.8 20.6





#25

2-Nitrophenol

Concen: 45.724 ng/ul

RT: 9.558 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BN034646.D

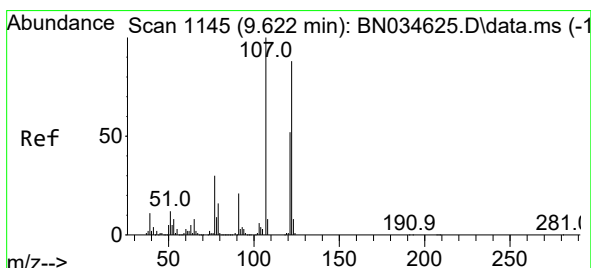
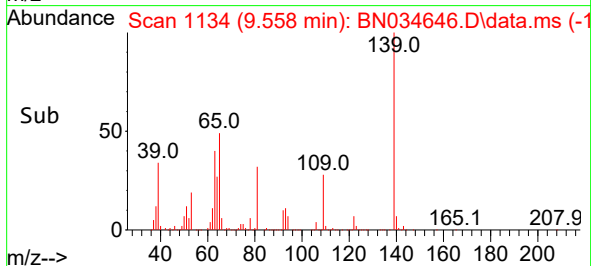
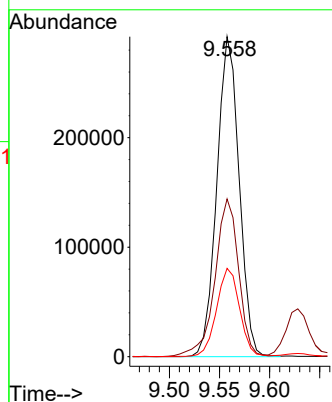
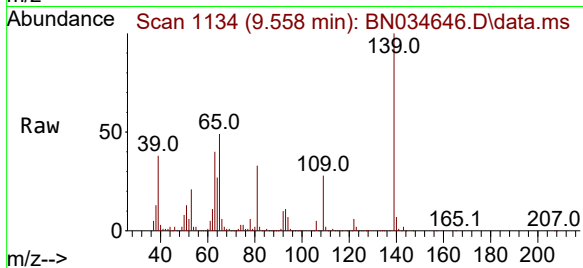
Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:139	Resp: 451510
Ion Ratio	Lower Upper
139	100
65	49.3 39.2 58.8
109	27.6 21.8 32.6



#26

2,4-Dimethylphenol

Concen: 34.013 ng/ul

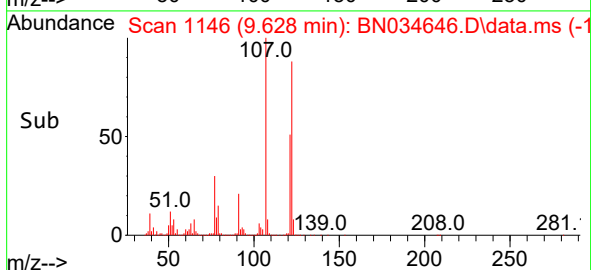
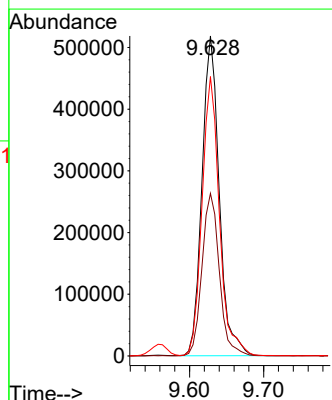
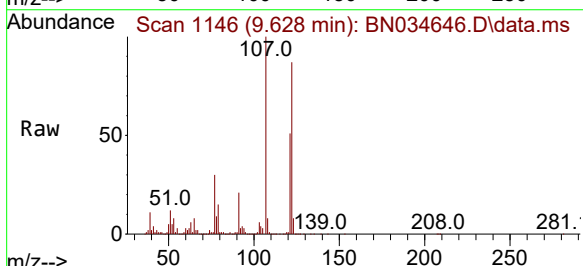
RT: 9.628 min Scan# 1146

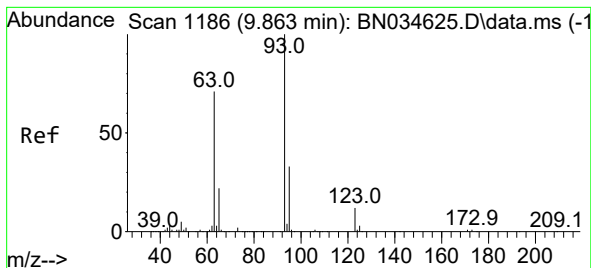
Delta R.T. 0.006 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Tgt Ion:107	Resp: 838177
Ion Ratio	Lower Upper
107	100
121	50.8 41.8 62.6
122	87.3 70.2 105.2





#27

Bis(2-Chloroethoxy)methane

Concen: 35.338 ng/ul

RT: 9.869 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :

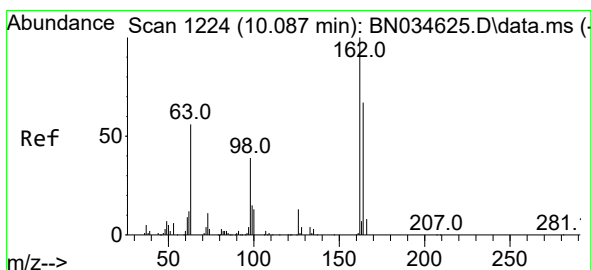
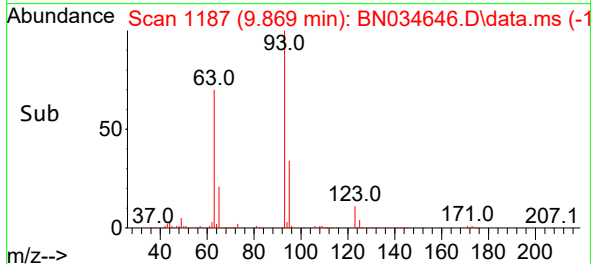
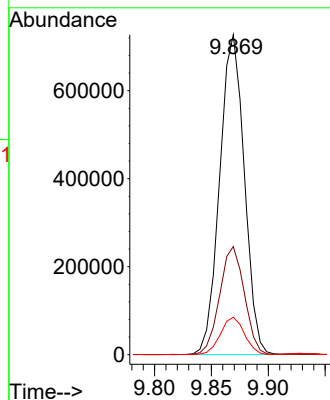
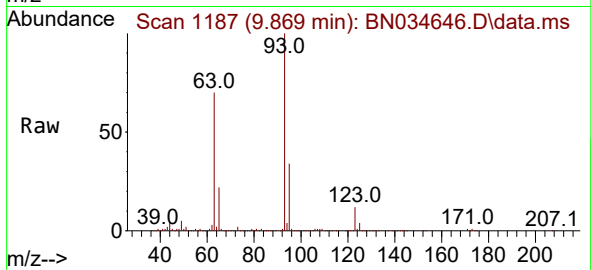
Tgt Ion: 93 Resp: 1095272

Ion Ratio Lower Upper

93 100

95 33.8 26.0 39.0

123 11.7 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 37.018 ng/ul

RT: 10.093 min Scan# 1225

Delta R.T. 0.006 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

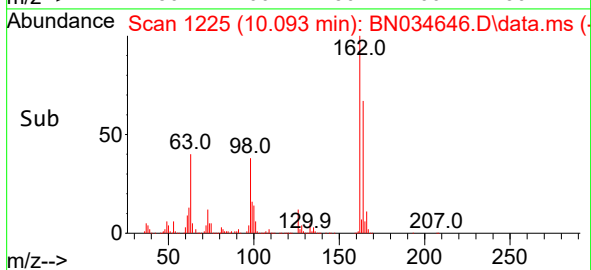
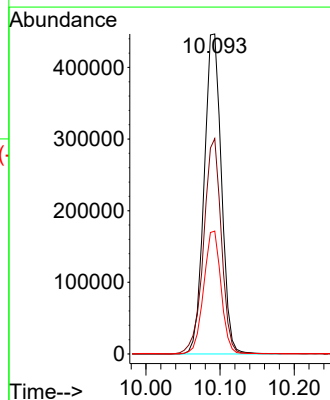
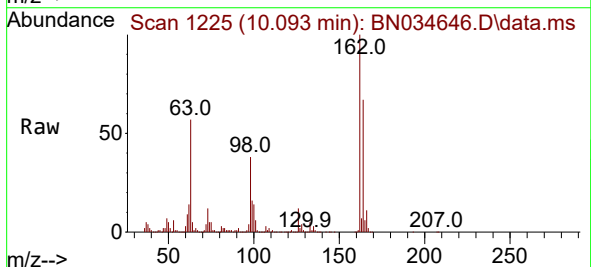
Tgt Ion:162 Resp: 724874

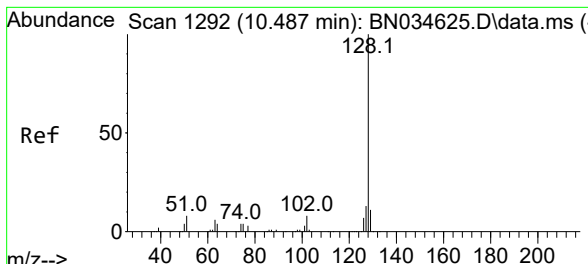
Ion Ratio Lower Upper

162 100

164 67.3 51.9 77.9

98 38.4 30.6 46.0

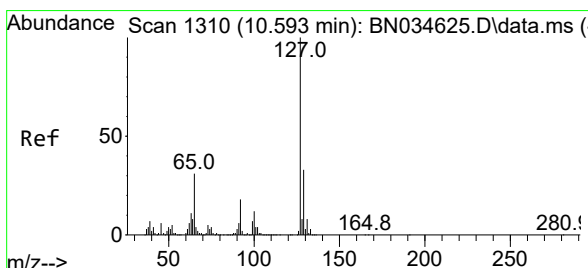
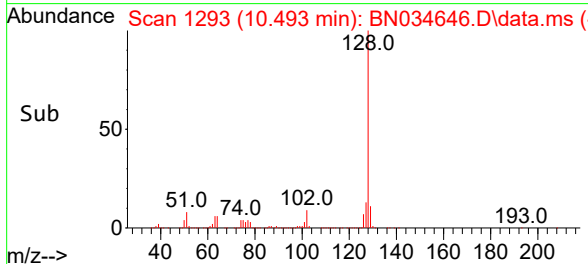
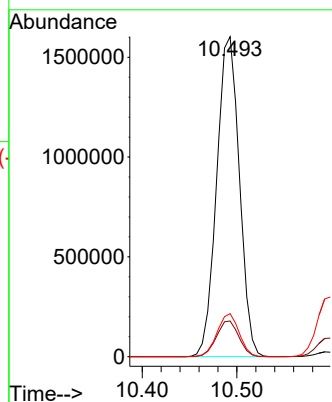
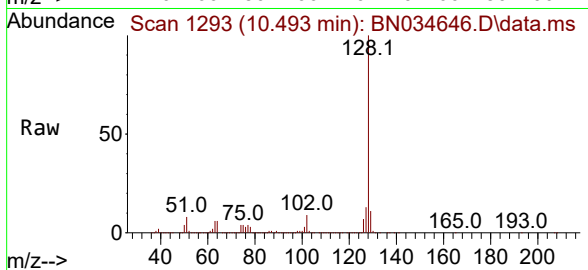




#30
Naphthalene
Concen: 34.831 ng/ul
RT: 10.493 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

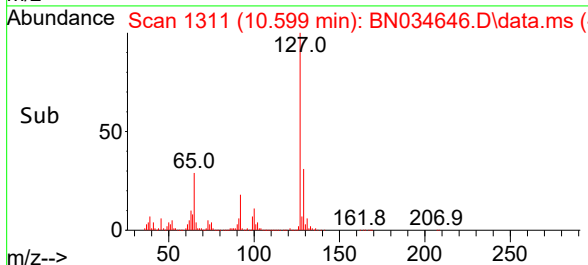
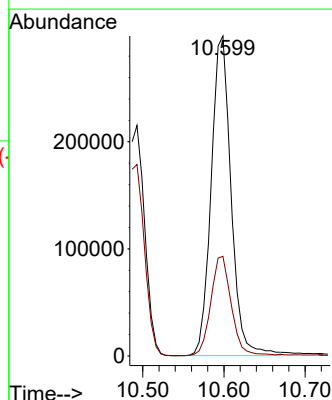
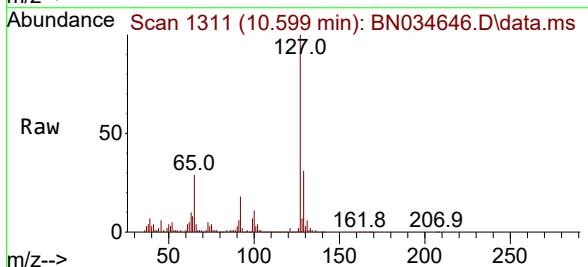
Instrument :
BNA_N
ClientSampleId :

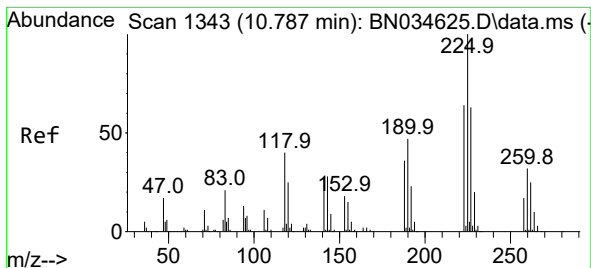
Tgt Ion:128 Resp: 2673419
Ion Ratio Lower Upper
128 100
129 11.2 8.2 12.4
127 13.4 10.3 15.5



#32
4-Chloroaniline
Concen: 16.158 ng/ul
RT: 10.599 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion:127 Resp: 508712
Ion Ratio Lower Upper
127 100
129 31.2 26.0 39.0





#33

Hexachlorobutadiene

Concen: 34.690 ng/ul

RT: 10.787 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :

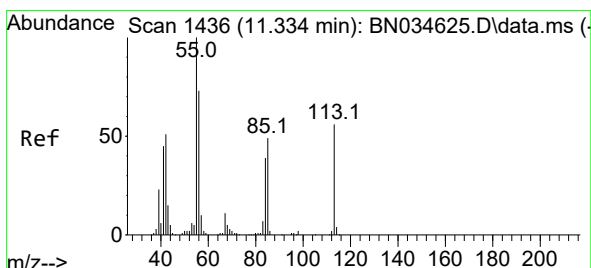
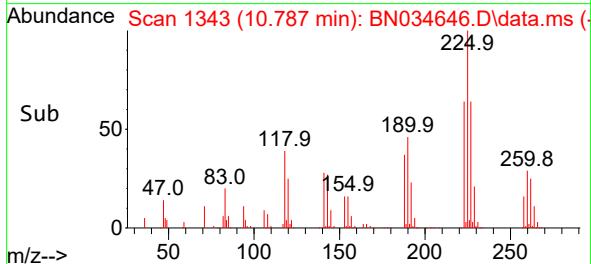
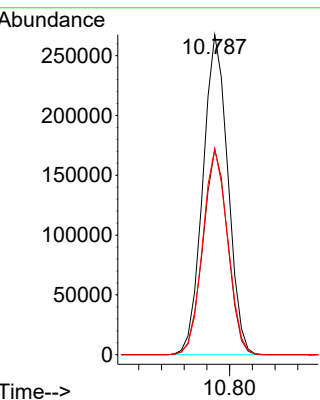
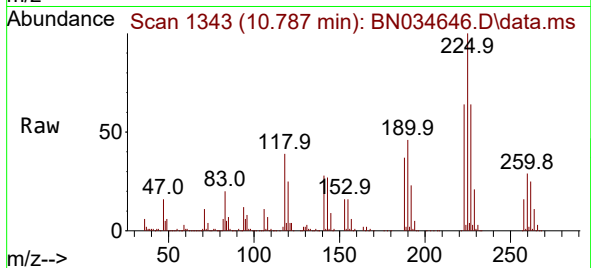
Tgt Ion:225 Resp: 408274

Ion Ratio Lower Upper

225 100

223 64.1 50.4 75.6

227 64.4 49.8 74.6



#34

Caprolactam

Concen: 4.667 ng/ul

RT: 11.387 min Scan# 1445

Delta R.T. 0.053 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

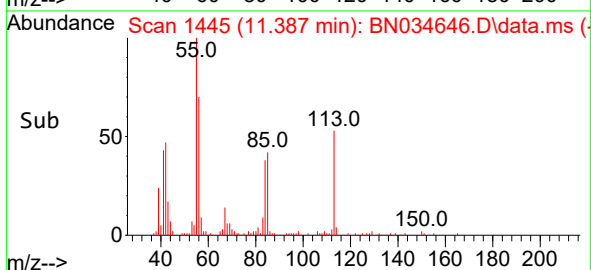
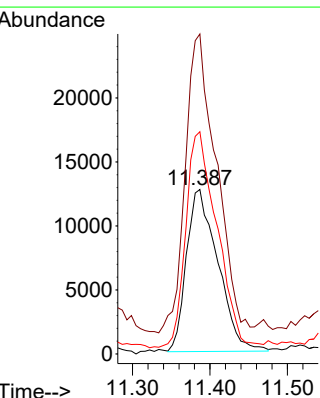
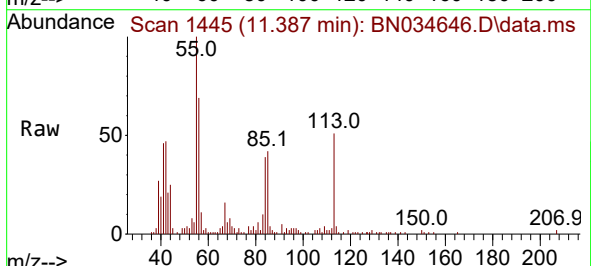
Tgt Ion:113 Resp: 35627

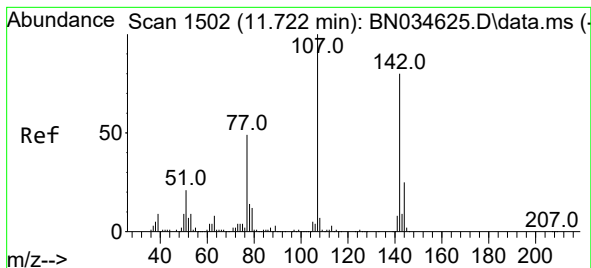
Ion Ratio Lower Upper

113 100

55 194.6 152.5 228.7

56 135.1 112.8 169.2



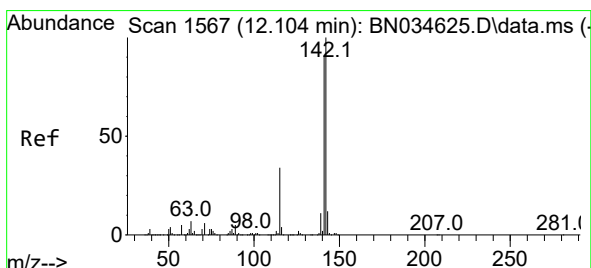
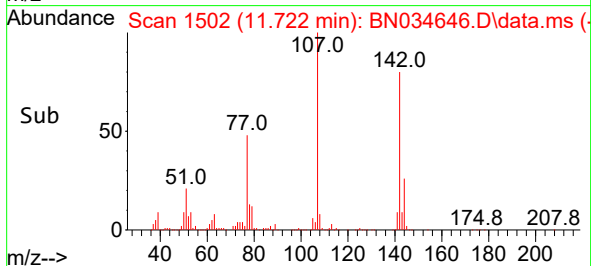
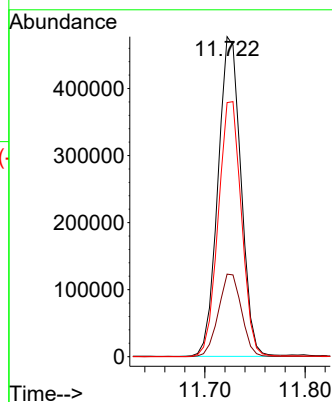
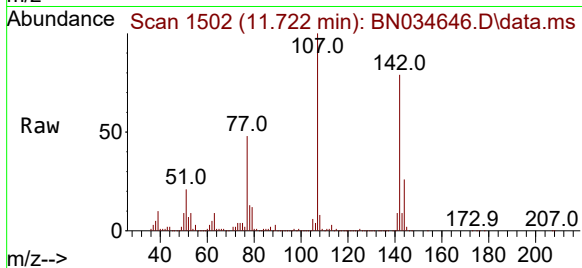


#35
 4-Chloro-3-methylphenol
 Concen: 34.714 ng/ul
 RT: 11.722 min Scan# 1502
 Delta R.T. 0.000 min
 Lab File: BN034646.D
 Acq: 18 Oct 2024 11:44

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:107 Resp: 759987

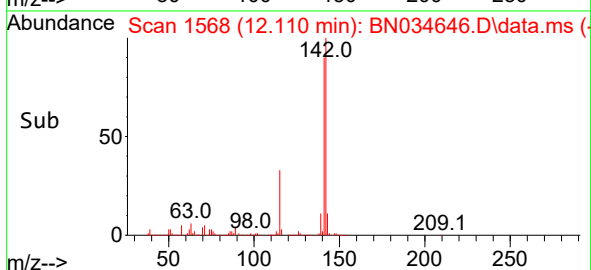
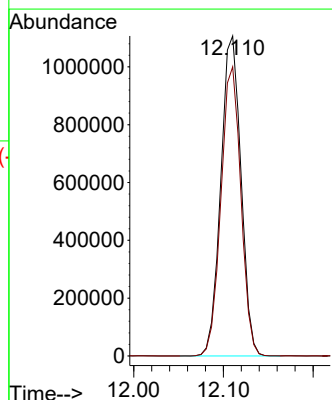
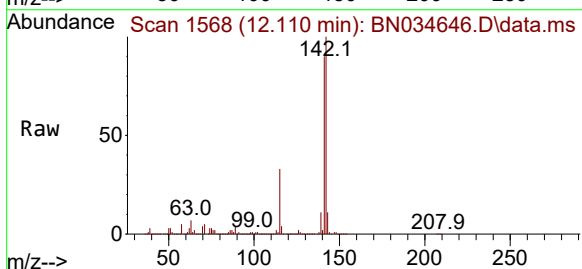
Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.7	31.1
142	79.4	64.1	96.1

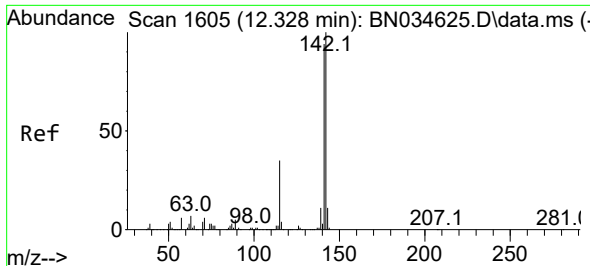


#36
 2-Methylnaphthalene
 Concen: 34.167 ng/ul
 RT: 12.110 min Scan# 1568
 Delta R.T. 0.000 min
 Lab File: BN034646.D
 Acq: 18 Oct 2024 11:44

Tgt Ion:142 Resp: 1726778

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5

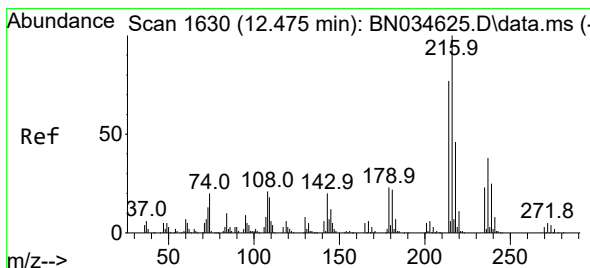
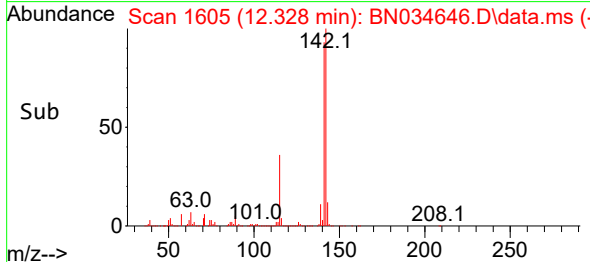
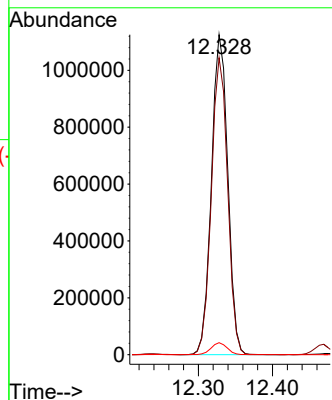
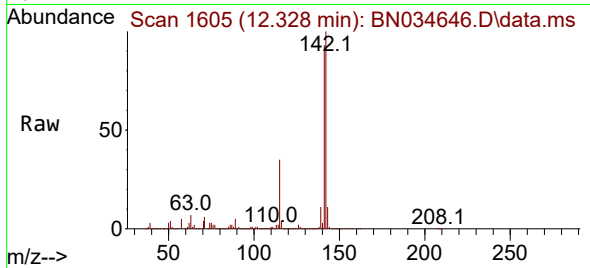




#37
1-Methylnaphthalene
Concen: 33.474 ng/ul
RT: 12.328 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

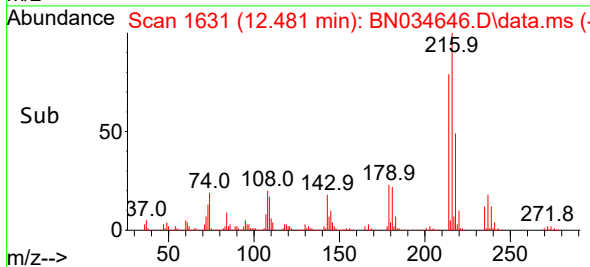
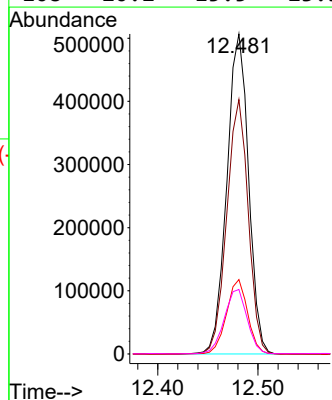
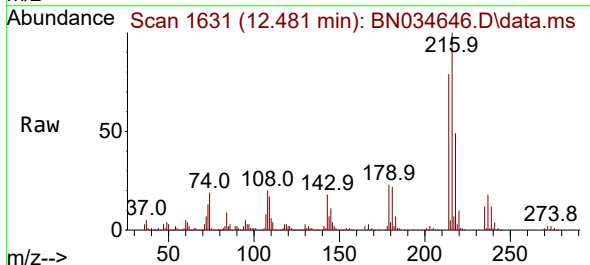
Instrument :
BNA_N
ClientSampleId :

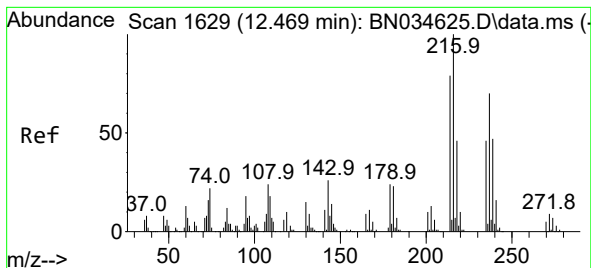
Tgt Ion:142 Resp: 1722140
Ion Ratio Lower Upper
142 100
141 92.8 75.4 113.0
116 3.7 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.287 ng/ul
RT: 12.481 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion:216 Resp: 762992
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.6
179 23.3 17.5 26.3
108 20.2 15.5 23.3

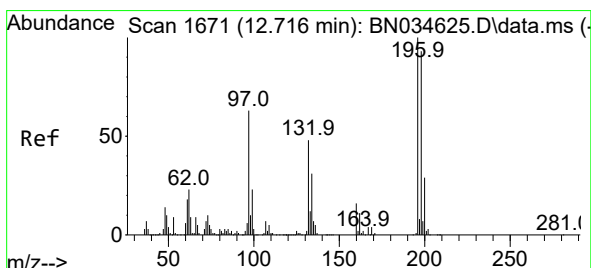
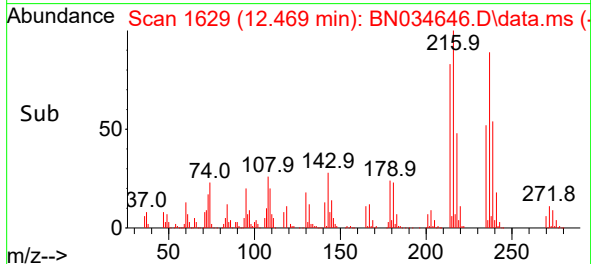
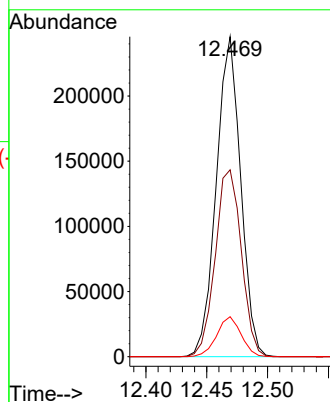
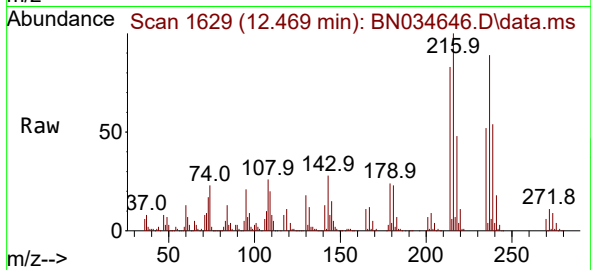




#40
Hexachlorocyclopentadiene
Concen: 31.496 ng/ul
RT: 12.469 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

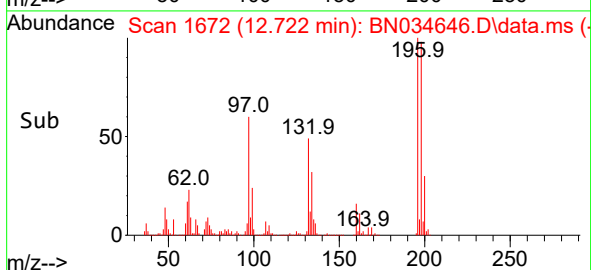
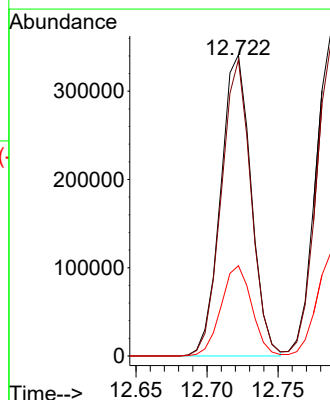
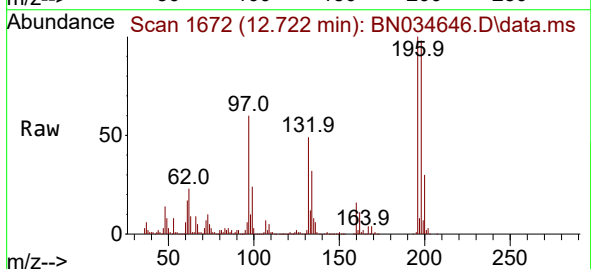
Instrument :
BNA_N
ClientSampleId :

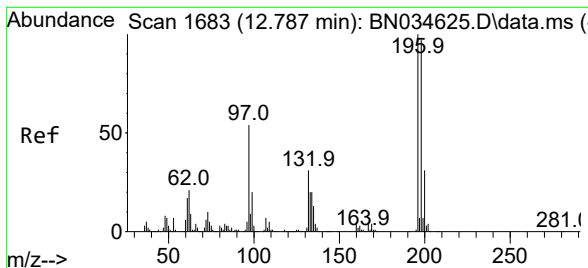
Tgt Ion:237 Resp: 342359
Ion Ratio Lower Upper
237 100
235 58.4 52.6 78.8
272 12.5 10.1 15.1



#41
2,4,6-Trichlorophenol
Concen: 42.880 ng/ul
RT: 12.722 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion:196 Resp: 509457
Ion Ratio Lower Upper
196 100
198 98.4 71.0 106.4
200 29.9 25.3 37.9

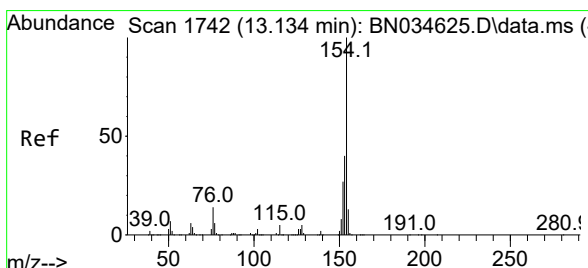
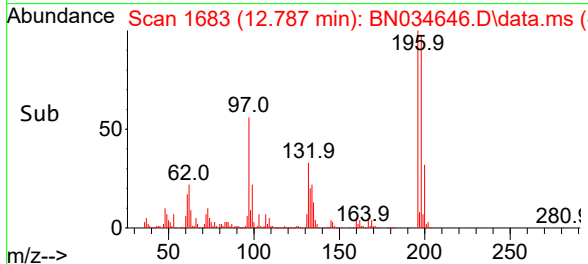
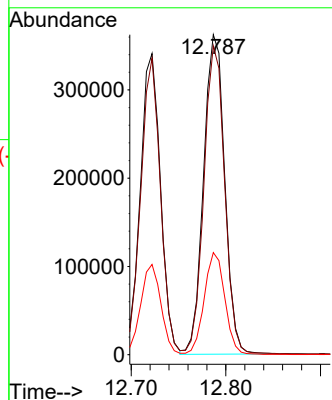
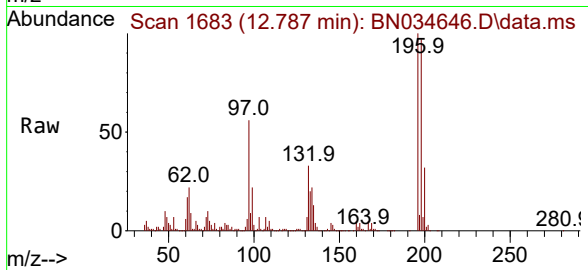




#42
2,4,5-Trichlorophenol
Concen: 42.779 ng/ul
RT: 12.787 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

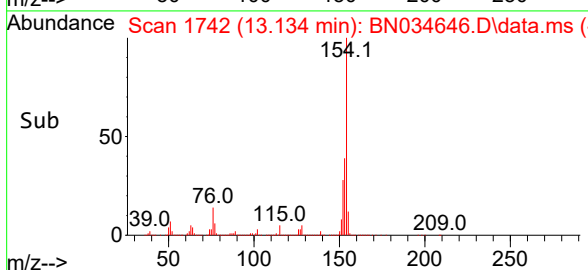
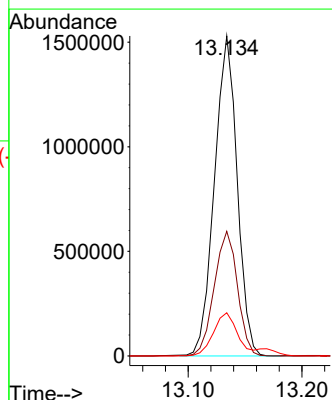
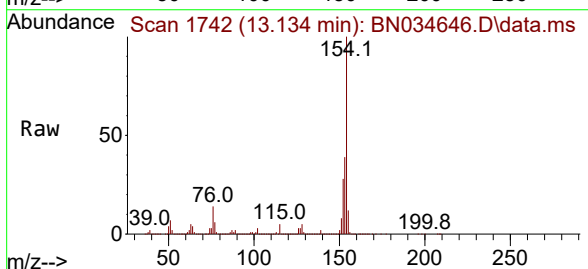
Instrument :
BNA_N
ClientSampleId :

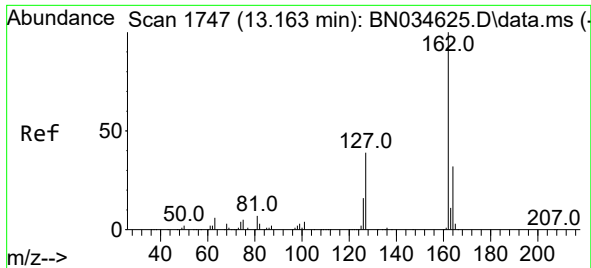
Tgt Ion:196 Resp: 563201
Ion Ratio Lower Upper
196 100
198 96.5 78.1 117.1
200 31.9 24.8 37.2



#43
1,1'-Biphenyl
Concen: 37.129 ng/ul
RT: 13.134 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

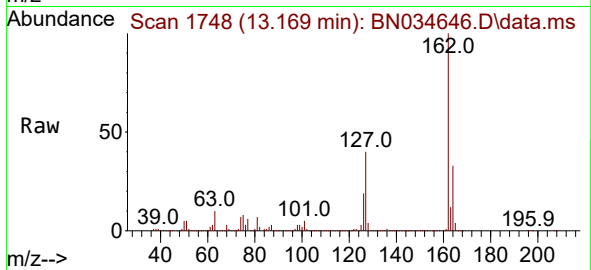
Tgt Ion:154 Resp: 2123306
Ion Ratio Lower Upper
154 100
153 39.0 32.4 48.6
76 13.5 11.2 16.8



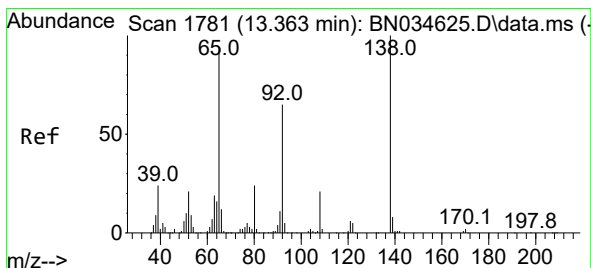
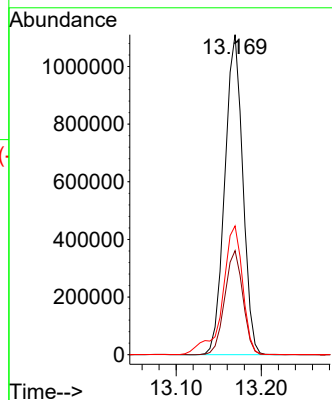
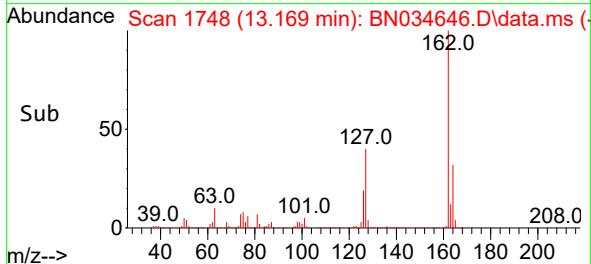


#44
2-Chloronaphthalene
Concen: 36.470 ng/ul
RT: 13.169 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Instrument :
BNA_N
ClientSampleId :

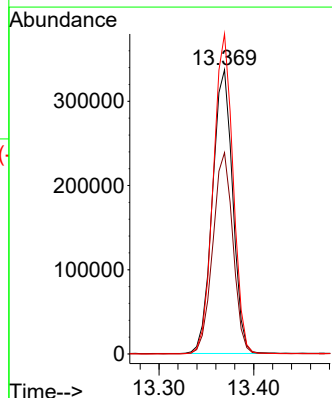
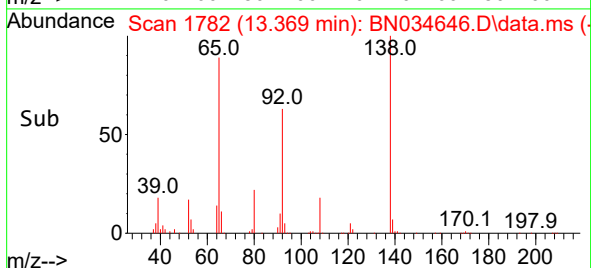
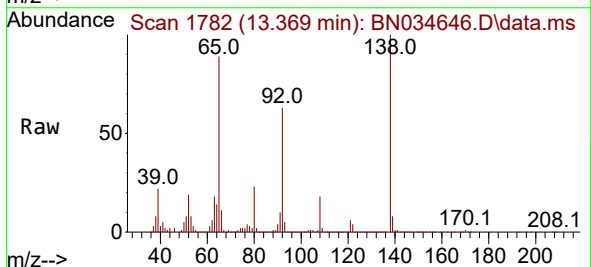


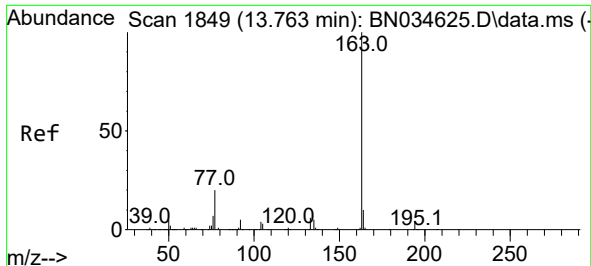
Tgt Ion:162 Resp: 1630103
Ion Ratio Lower Upper
162 100
164 32.5 26.3 39.5
127 40.2 31.9 47.9



#45
2-Nitroaniline
Concen: 42.728 ng/ul
RT: 13.369 min Scan# 1782
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion: 65 Resp: 500995
Ion Ratio Lower Upper
65 100
92 70.8 55.1 82.7
138 112.6 84.0 126.0

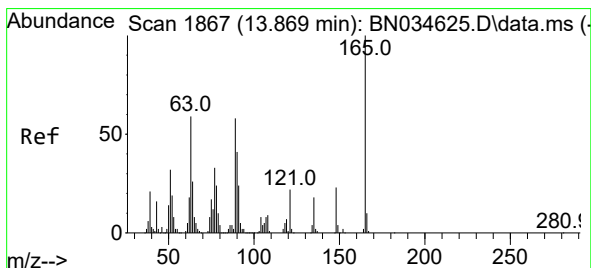
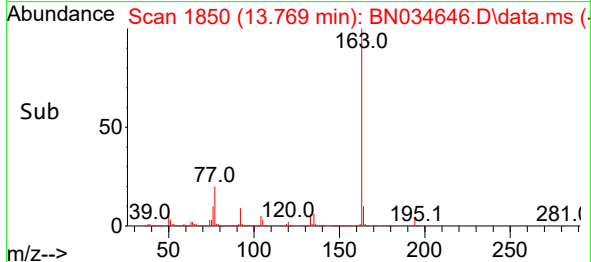
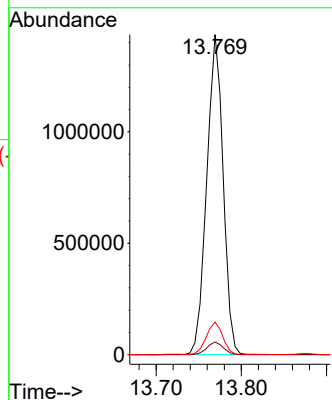
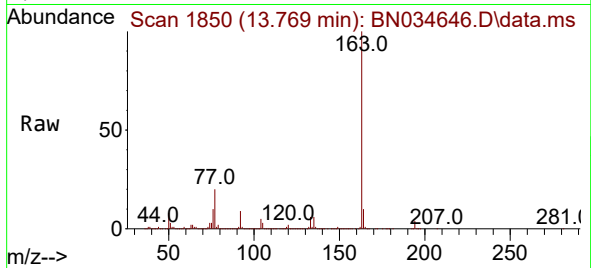




#47
Dimethylphthalate
Concen: 36.231 ng/ul
RT: 13.769 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

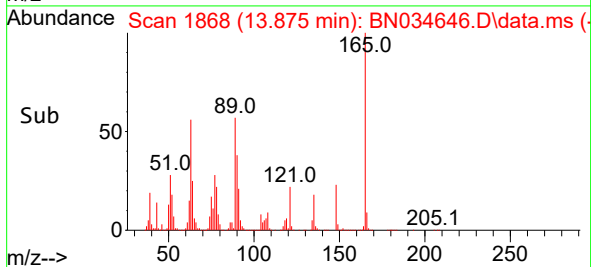
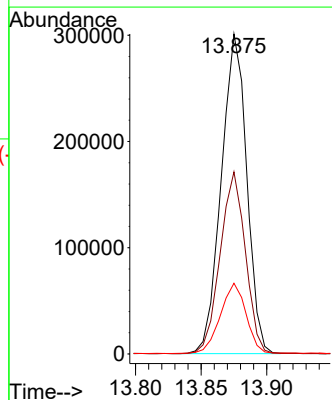
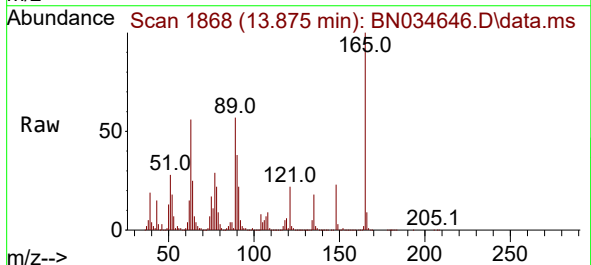
Instrument :
BNA_N
ClientSampleId :

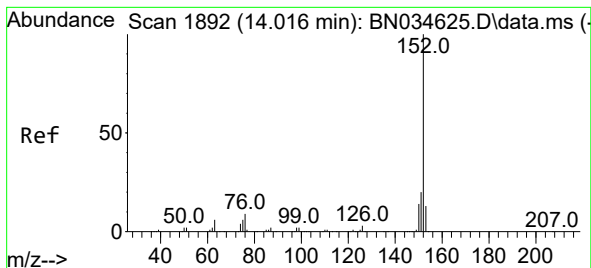
Tgt Ion:163 Resp: 1917185
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 44.301 ng/ul
RT: 13.875 min Scan# 1868
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion:165 Resp: 406083
Ion Ratio Lower Upper
165 100
89 56.9 49.7 74.5
121 22.1 20.1 30.1





#50

Acenaphthylene

Concen: 36.053 ng/ul

RT: 14.016 min Scan# 1892

Delta R.T. 0.000 min

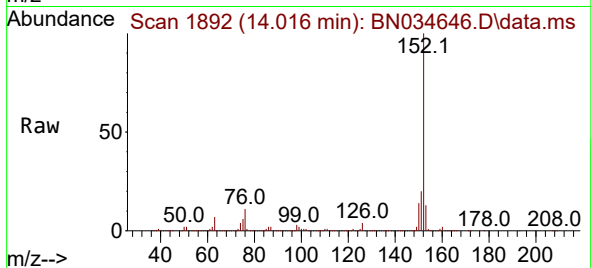
Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :



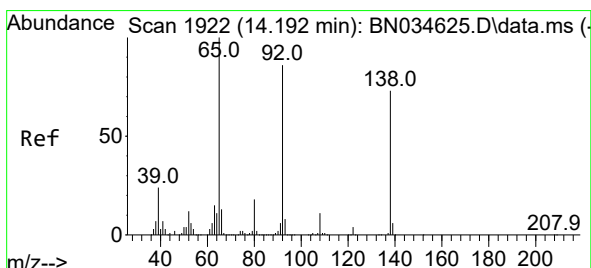
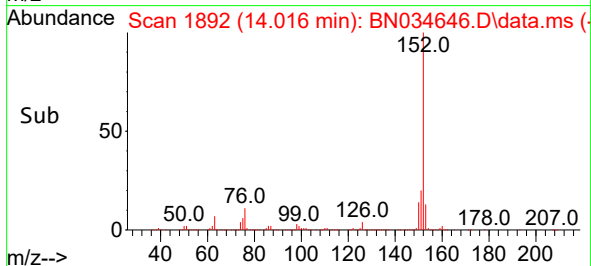
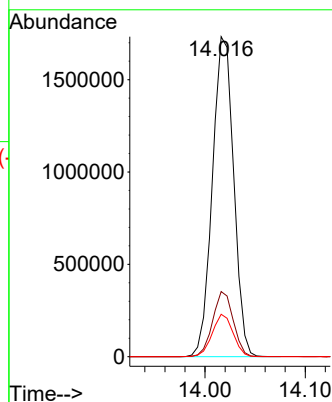
Tgt Ion:152 Resp: 2556381

Ion Ratio Lower Upper

152 100

151 20.4 15.3 22.9

153 13.2 9.9 14.9



#51

3-Nitroaniline

Concen: 29.319 ng/ul

RT: 14.198 min Scan# 1923

Delta R.T. 0.006 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

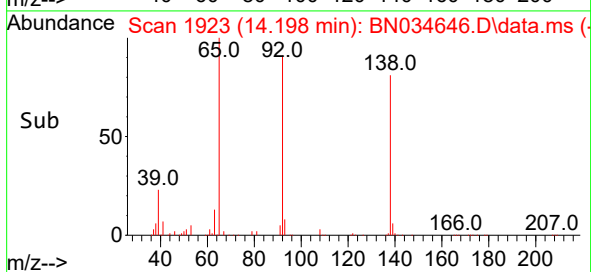
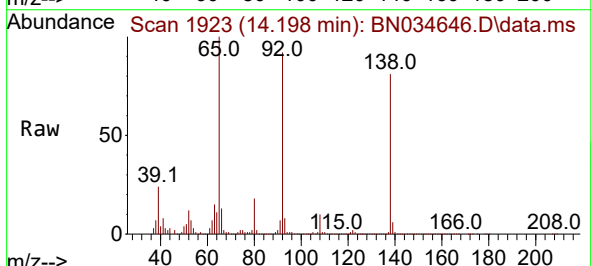
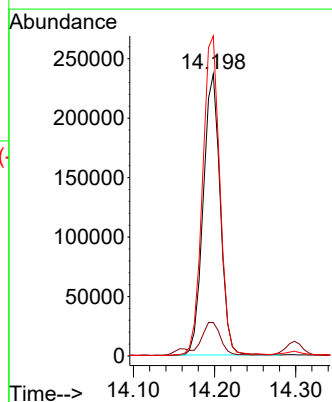
Tgt Ion:138 Resp: 343028

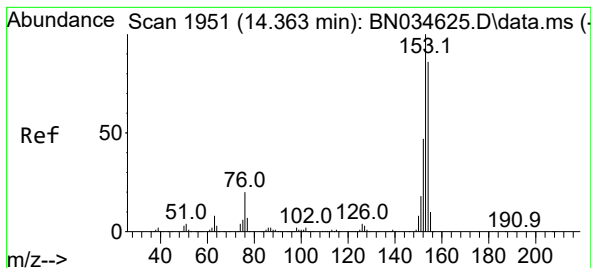
Ion Ratio Lower Upper

138 100

108 11.9 13.4 20.0#

92 113.5 100.0 150.0





#52

Acenaphthene

Concen: 35.084 ng/ul

RT: 14.363 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :

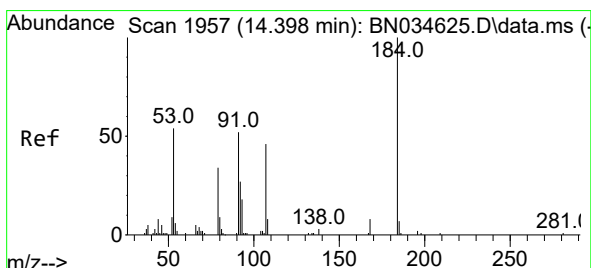
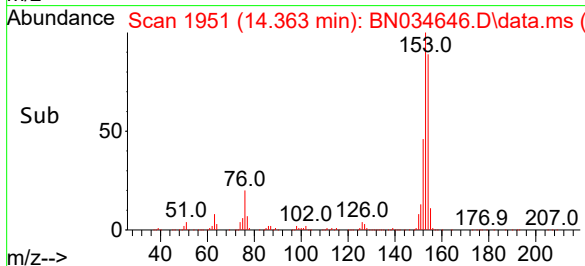
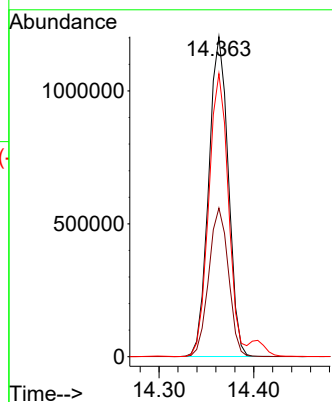
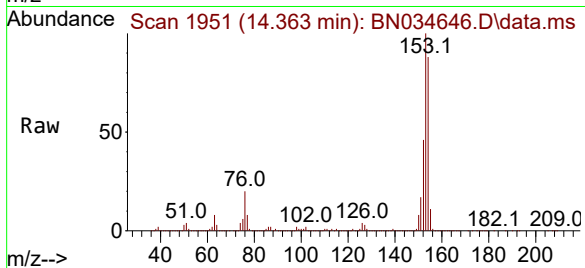
Tgt Ion:153 Resp: 1728366

Ion Ratio Lower Upper

153 100

152 46.5 36.5 54.7

154 88.4 69.3 103.9



#53

2,4-Dinitrophenol

Concen: 36.559 ng/ul

RT: 14.404 min Scan# 1958

Delta R.T. 0.006 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

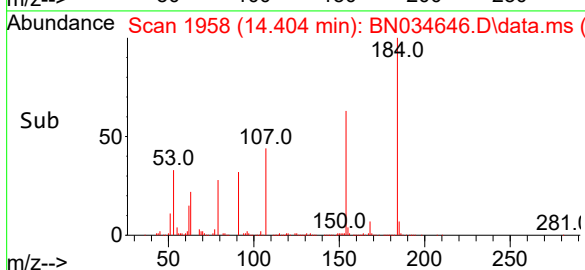
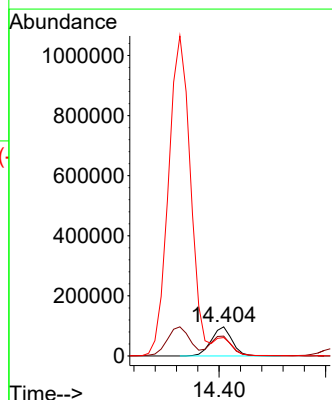
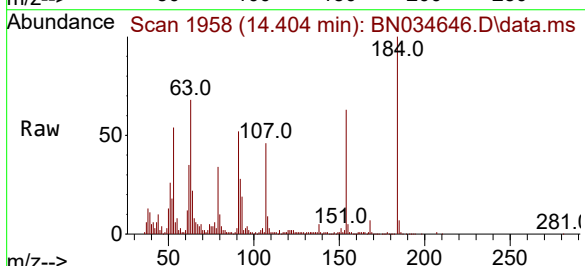
Tgt Ion:184 Resp: 130731

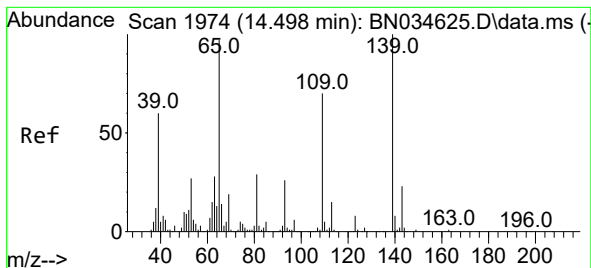
Ion Ratio Lower Upper

184 100

63 68.2 58.0 87.0

154 63.2 54.7 82.1





#55

4-Nitrophenol

Concen: 10.742 ng/ul

RT: 14.504 min Scan# 1975

Delta R.T. 0.006 min

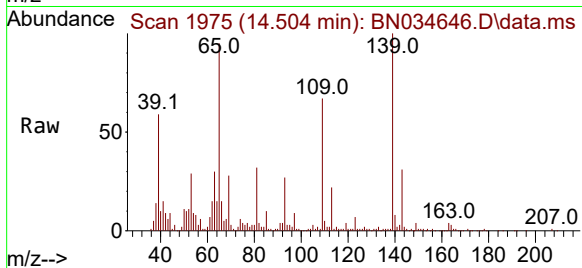
Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :



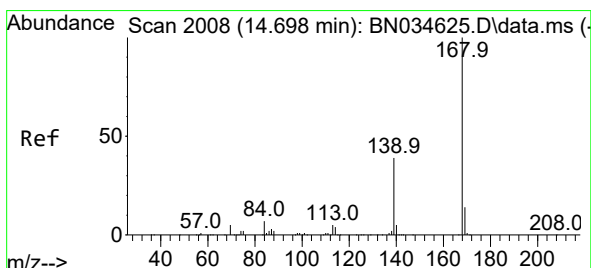
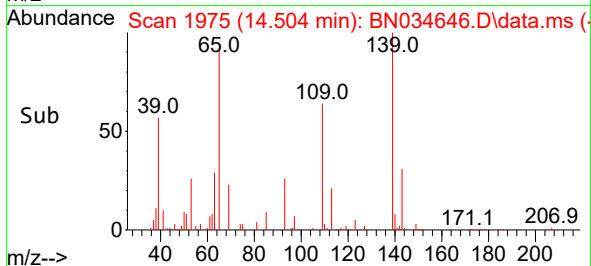
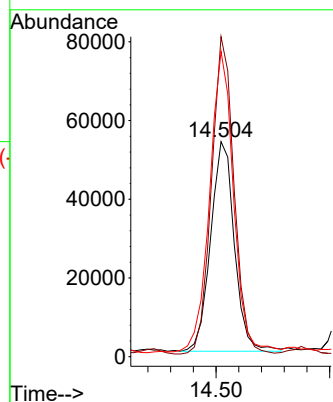
Tgt Ion:109 Resp: 77197

Ion Ratio Lower Upper

109 100

139 148.9 113.8 170.6

65 142.0 111.7 167.5



#56

Dibenzofuran

Concen: 34.858 ng/ul

RT: 14.698 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BN034646.D

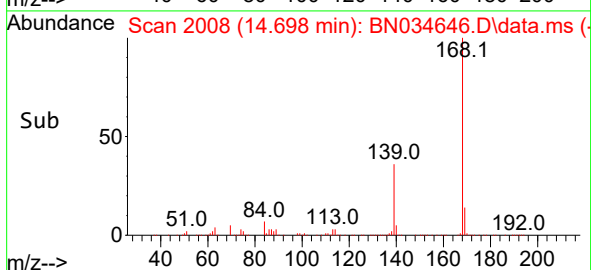
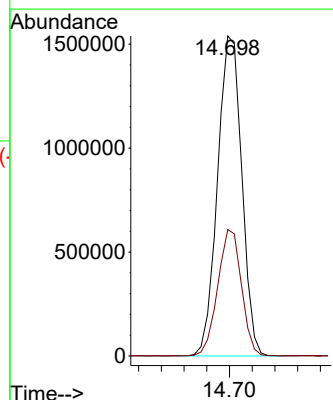
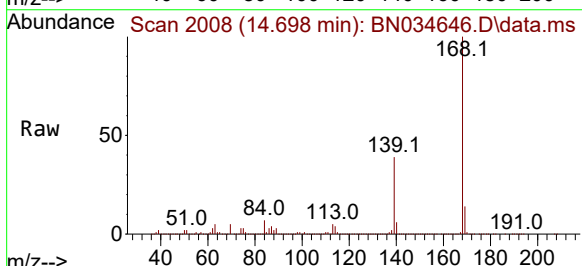
Acq: 18 Oct 2024 11:44

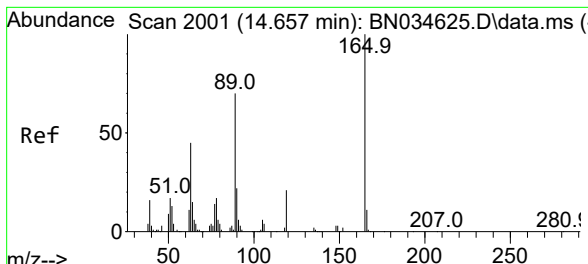
Tgt Ion:168 Resp: 2281855

Ion Ratio Lower Upper

168 100

139 39.5 29.7 44.5



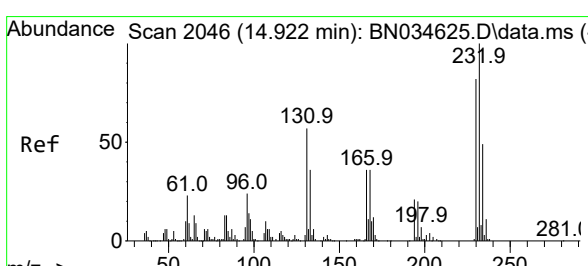
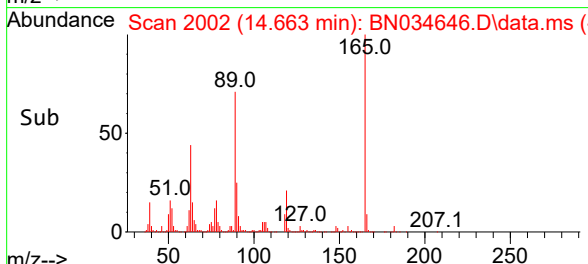
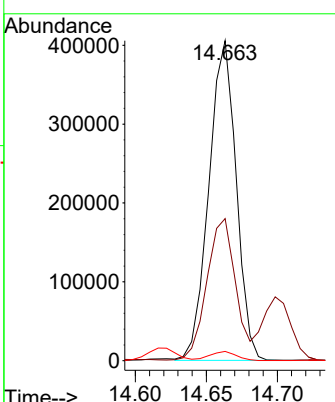
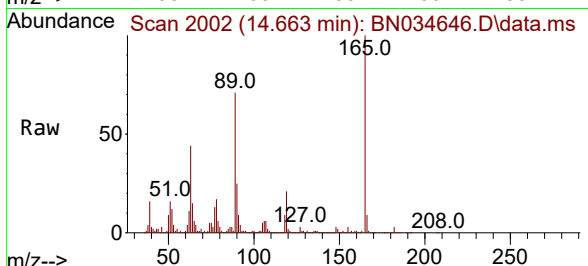


#57
 2,4-Dinitrotoluene
 Concen: 41.528 ng/ul
 RT: 14.663 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: BN034646.D
 Acq: 18 Oct 2024 11:44

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:165 Resp: 542893

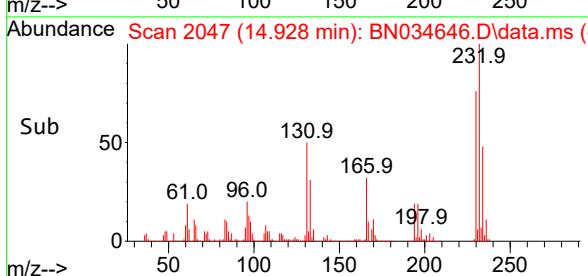
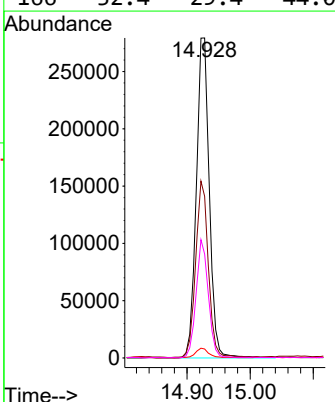
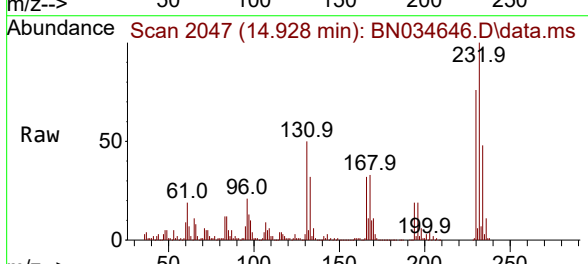
Ion	Ratio	Lower	Upper
165	100		
63	44.4	37.1	55.7
182	2.9	2.2	3.2

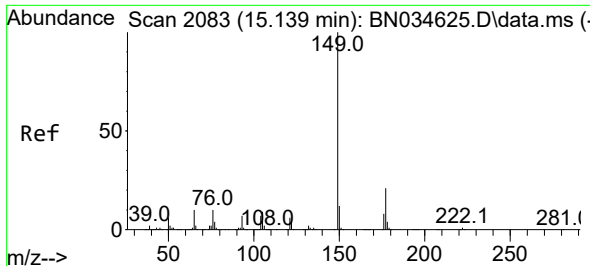


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.337 ng/ul
 RT: 14.928 min Scan# 2047
 Delta R.T. 0.006 min
 Lab File: BN034646.D
 Acq: 18 Oct 2024 11:44

Tgt Ion:232 Resp: 399525

Ion	Ratio	Lower	Upper
232	100		
131	50.5	43.5	65.3
130	2.8	2.2	3.4
166	32.4	29.4	44.0

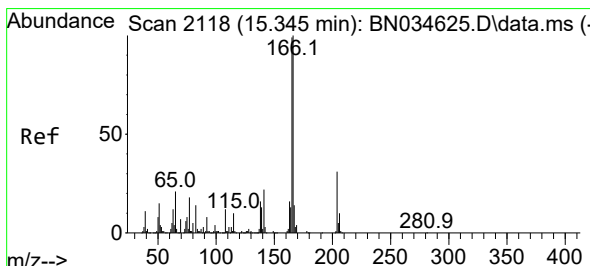
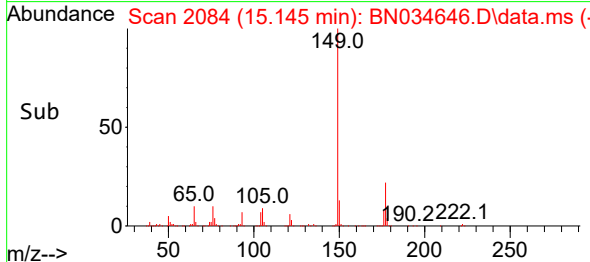
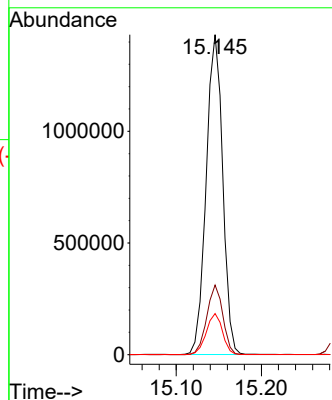
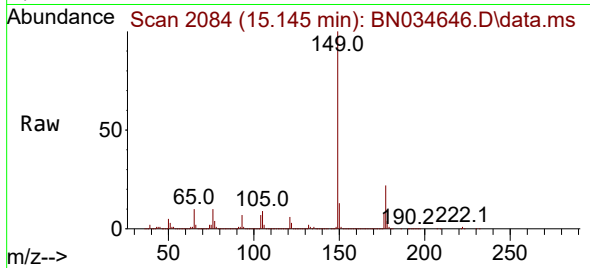




#59
Diethylphthalate
Concen: 35.838 ng/ul
RT: 15.145 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

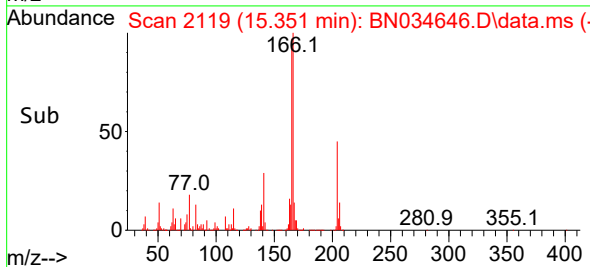
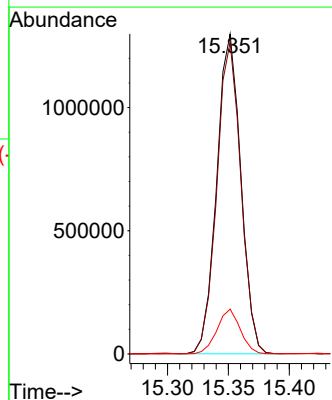
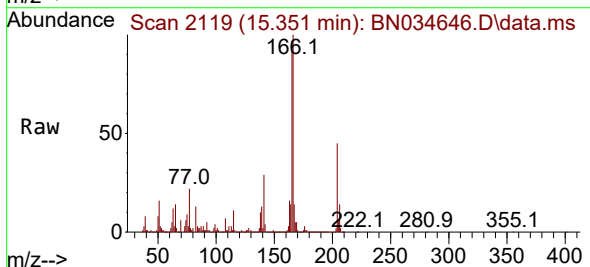
Instrument :
BNA_N
ClientSampleId :

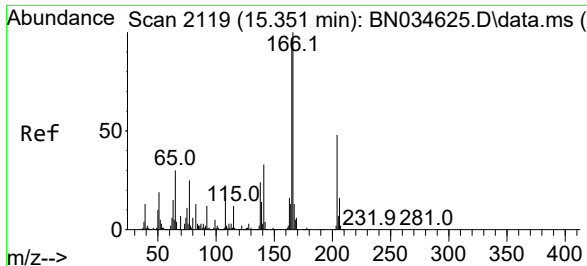
Tgt Ion:149 Resp: 1924059
Ion Ratio Lower Upper
149 100
177 21.8 16.5 24.7
150 12.8 9.8 14.6



#61
Fluorene
Concen: 33.883 ng/ul
RT: 15.351 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion:166 Resp: 1787278
Ion Ratio Lower Upper
166 100
165 97.4 82.2 123.4
167 14.0 11.4 17.0

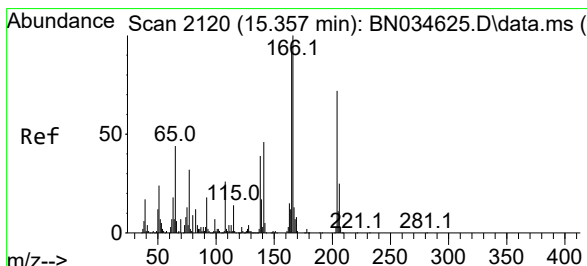
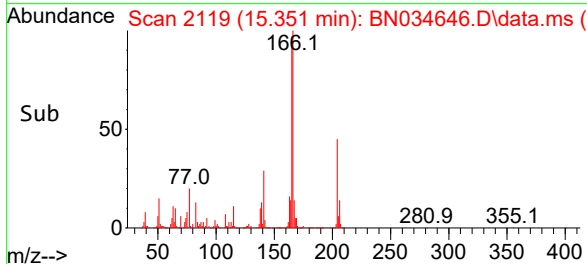
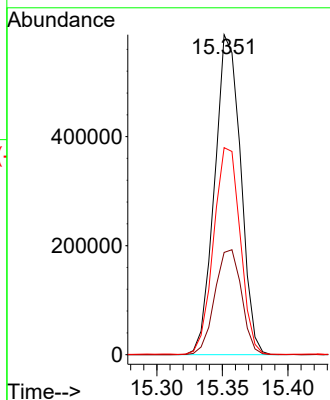
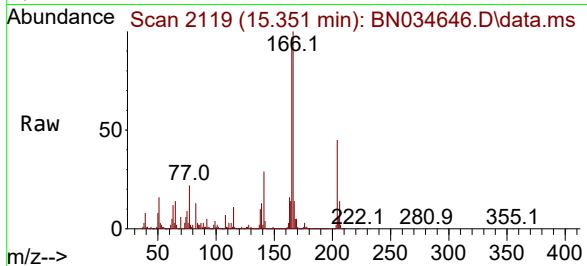




#62
4-Chlorophenyl-phenylether
Concen: 34.211 ng/ul
RT: 15.351 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

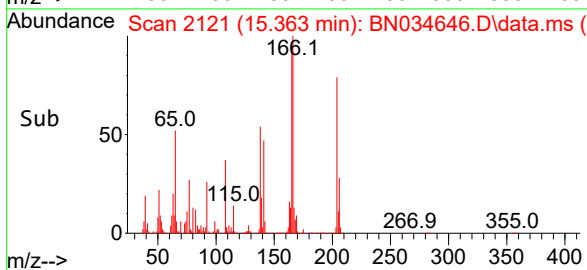
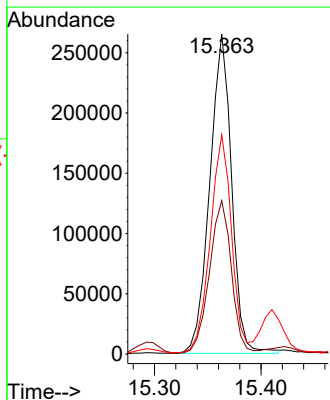
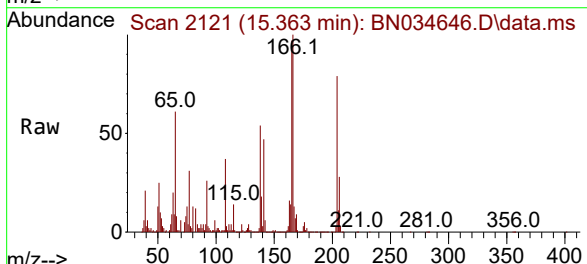
Instrument :
BNA_N
ClientSampleId :

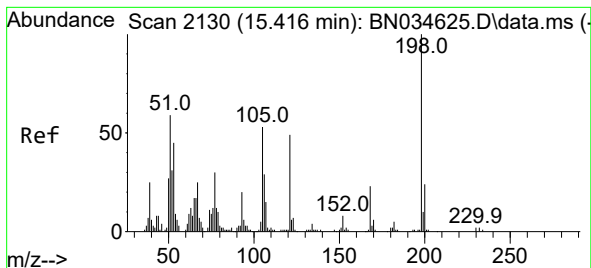
Tgt Ion:204 Resp: 810074
Ion Ratio Lower Upper
204 100
206 32.0 26.9 40.3
141 64.7 51.3 76.9



#63
4-Nitroaniline
Concen: 32.334 ng/ul
RT: 15.363 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion:138 Resp: 376913
Ion Ratio Lower Upper
138 100
92 47.9 41.0 61.4
108 68.5 58.5 87.7

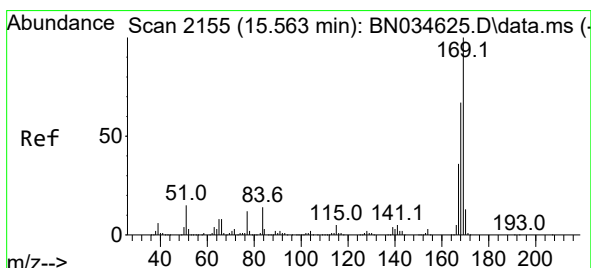
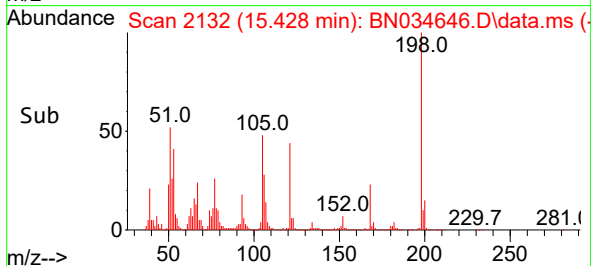
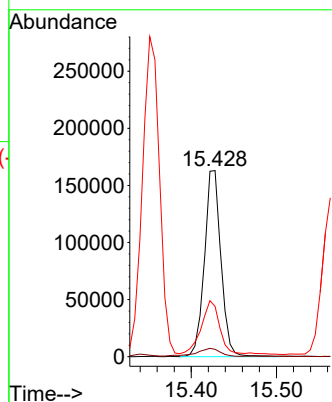
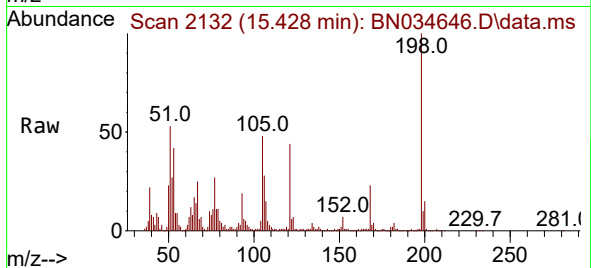




#66
 4,6-Dinitro-2-methylphenol
 Concen: 41.896 ng/ul
 RT: 15.428 min Scan# 2132
 Delta R.T. 0.006 min
 Lab File: BN034646.D
 Acq: 18 Oct 2024 11:44

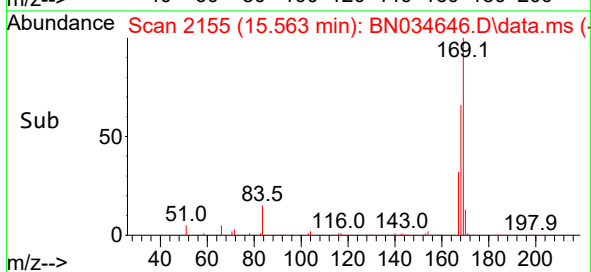
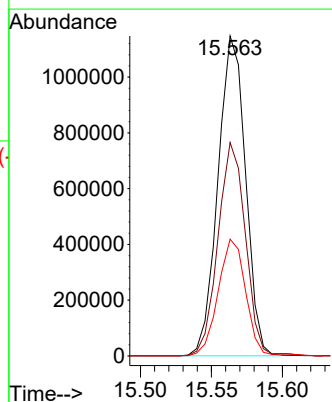
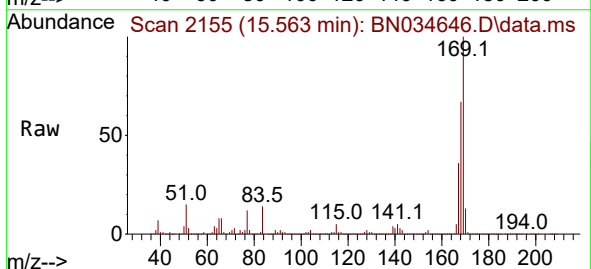
Instrument :
 BNA_N
 ClientSampleId :

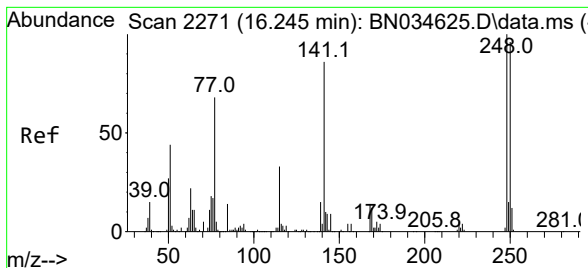
Tgt Ion:198 Resp: 219719
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.4 5.2
 77 27.0 19.3 28.9



#67
 N-Nitrosodiphenylamine
 Concen: 40.601 ng/ul
 RT: 15.563 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: BN034646.D
 Acq: 18 Oct 2024 11:44

Tgt Ion:169 Resp: 1547345
 Ion Ratio Lower Upper
 169 100
 168 66.7 52.4 78.6
 167 36.5 28.3 42.5

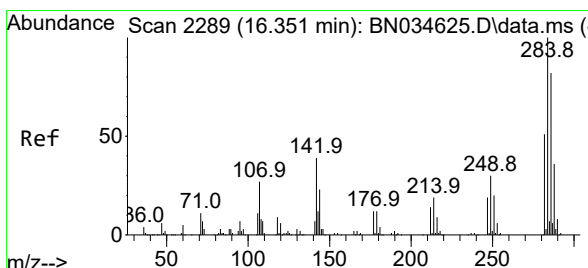
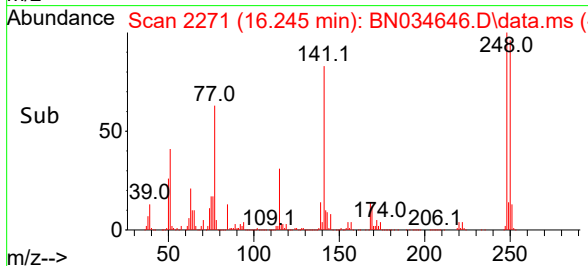
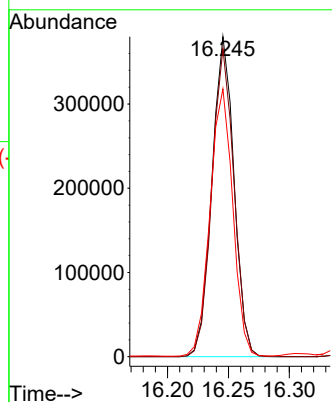
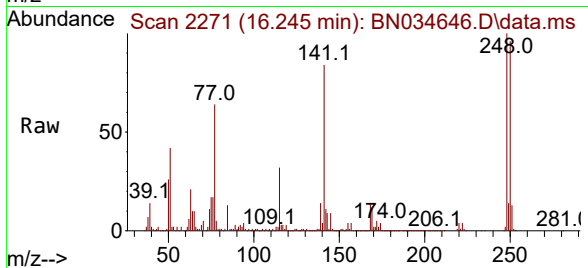




#68
4-Bromophenyl-phenylether
Concen: 40.652 ng/ul
RT: 16.245 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

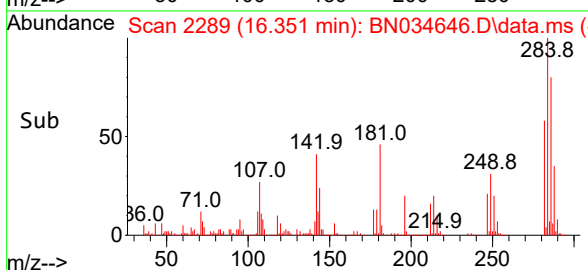
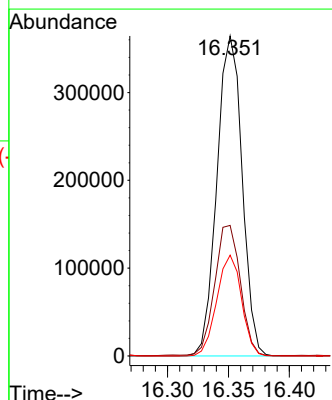
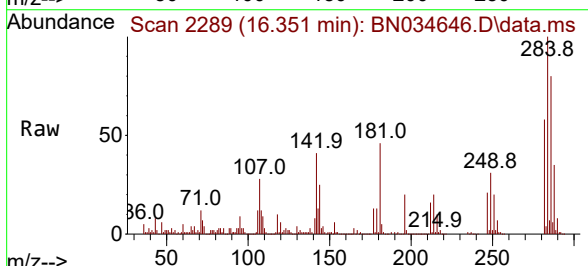
Instrument :
BNA_N
ClientSampleId :

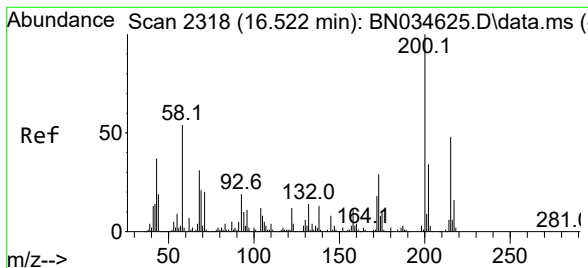
Tgt Ion:248 Resp: 478621
Ion Ratio Lower Upper
248 100
250 96.3 78.4 117.6
141 83.6 68.3 102.5



#69
Hexachlorobenzene
Concen: 38.825 ng/ul
RT: 16.351 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

Tgt Ion:284 Resp: 524889
Ion Ratio Lower Upper
284 100
142 40.8 33.8 50.8
249 31.5 23.7 35.5





#70

Atrazine

Concen: 20.509 ng/ul

RT: 16.528 min Scan# 21

Delta R.T. 0.006 min

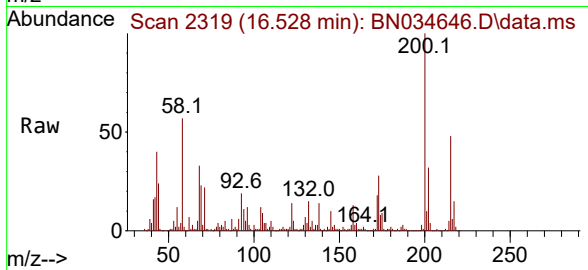
Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :



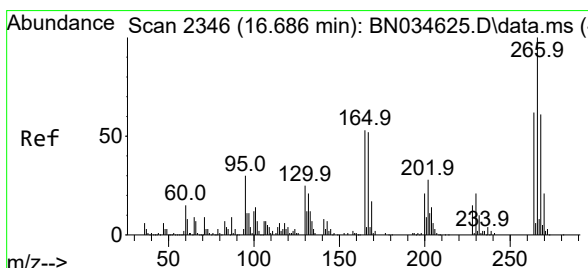
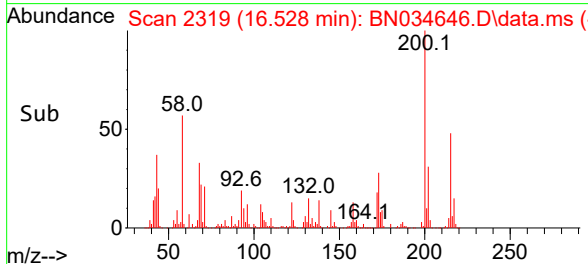
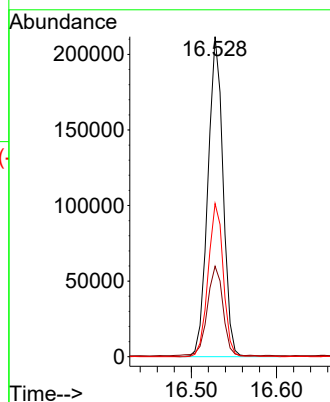
Tgt Ion:200 Resp: 261826

Ion Ratio Lower Upper

200 100

173 28.3 23.3 34.9

215 47.9 37.9 56.9



#71

Pentachlorophenol

Concen: 44.239 ng/ul

RT: 16.692 min Scan# 2347

Delta R.T. 0.000 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

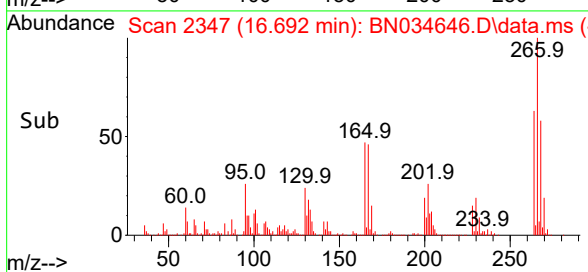
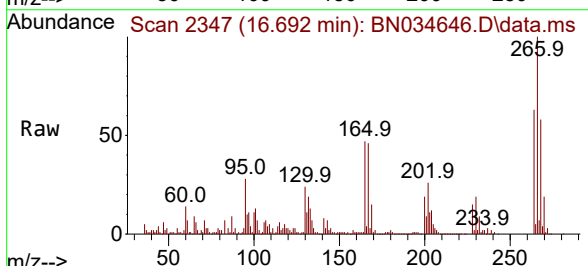
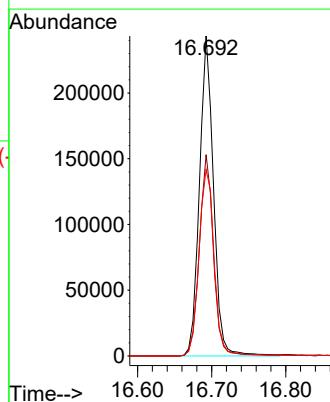
Tgt Ion:266 Resp: 320547

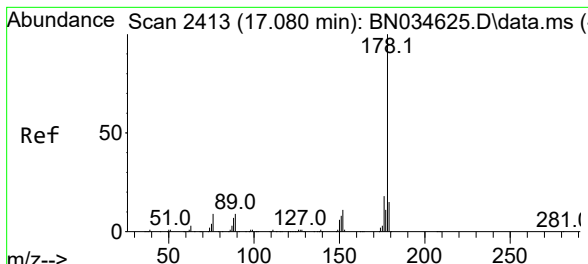
Ion Ratio Lower Upper

266 100

264 62.9 47.8 71.8

268 58.2 51.8 77.6



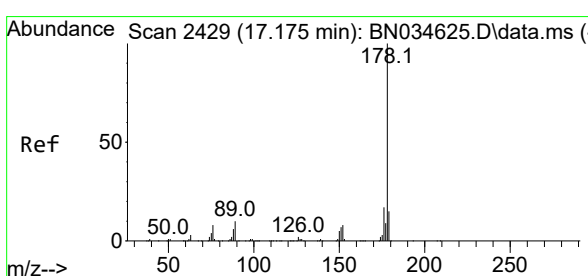
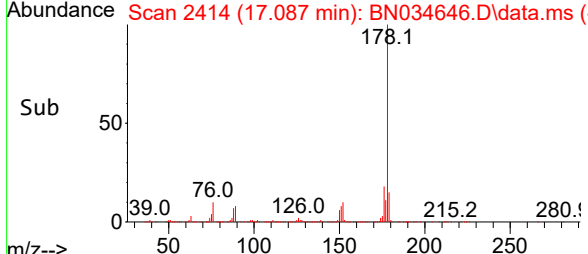
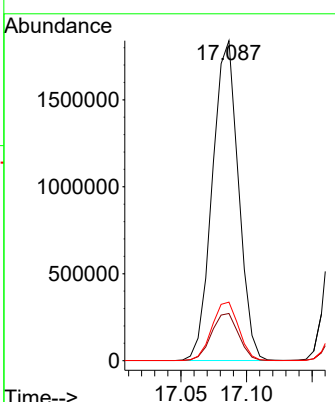
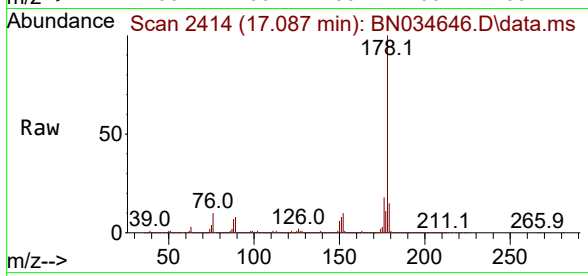


#72
 Phenanthrene
 Concen: 37.633 ng/ul
 RT: 17.087 min Scan# 2413
 Delta R.T. 0.000 min
 Lab File: BN034646.D
 Acq: 18 Oct 2024 11:44

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:178 Resp: 2540303

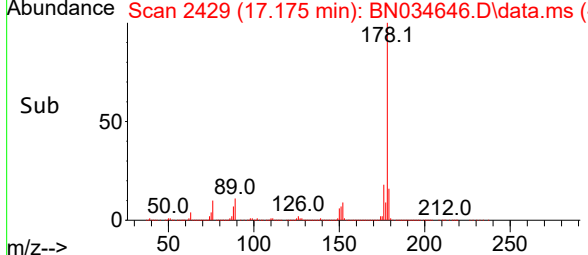
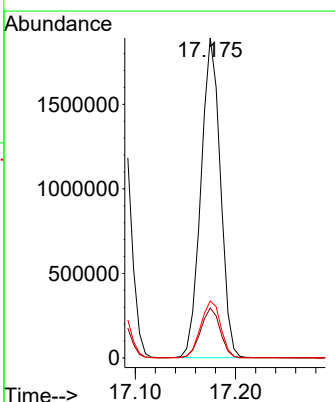
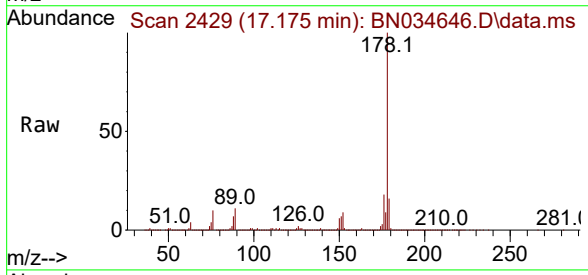
Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.4
176	18.3	15.5	23.3

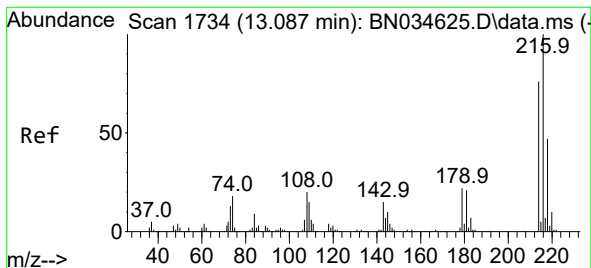


#74
 Anthracene
 Concen: 36.555 ng/ul
 RT: 17.175 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN034646.D
 Acq: 18 Oct 2024 11:44

Tgt Ion:178 Resp: 2549614

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	17.8	14.7	22.1

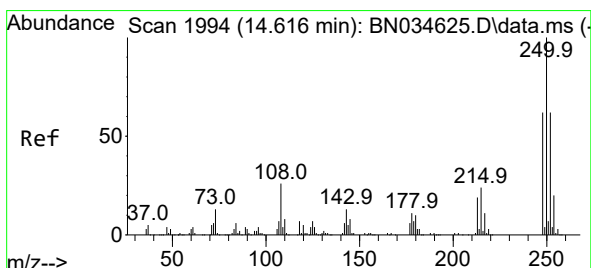
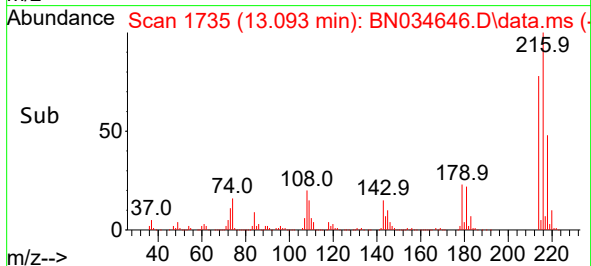
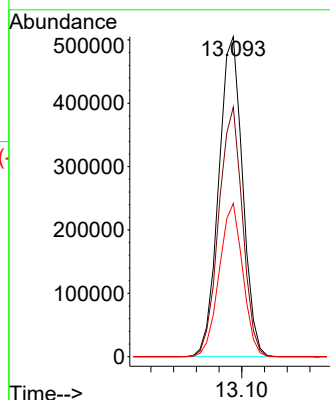
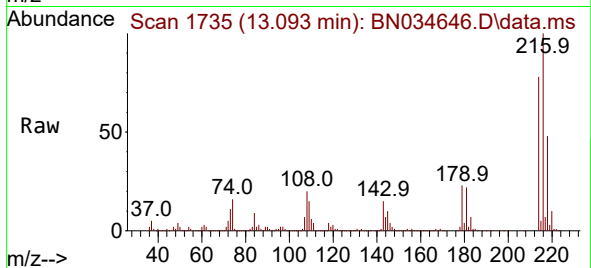




#75
1,2,3,4-Tetrachlorobenzene
Concen: 43.546 ng/uL
RT: 13.093 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

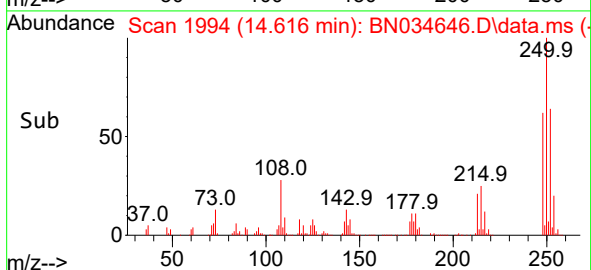
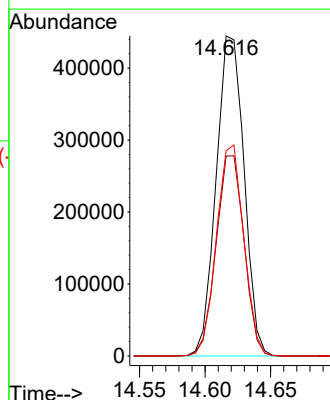
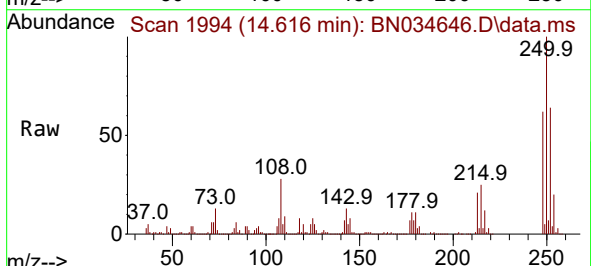
Instrument :
BNA_N
ClientSampleId :

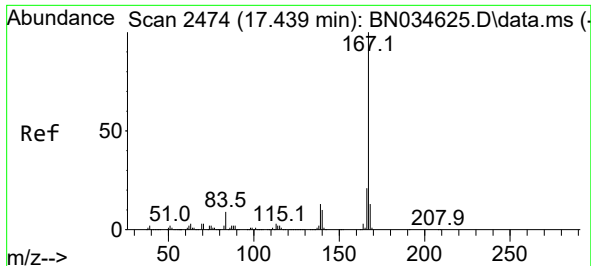
Tgt Ion:216 Resp: 737367
Ion Ratio Lower Upper
216 100
214 78.0 61.5 92.3
218 47.9 38.4 57.6



#76
Pentachlorobenzene
Concen: 40.634 ng/uL
RT: 14.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BN034646.D
Acq: 18 Oct 2024 11:44

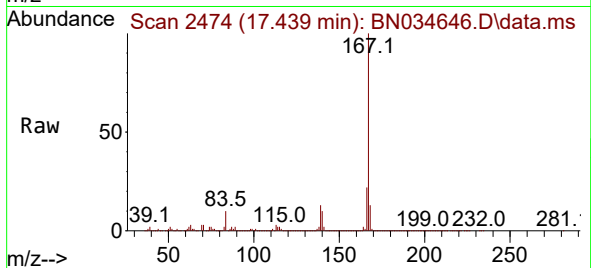
Tgt Ion:250 Resp: 658470
Ion Ratio Lower Upper
250 100
248 62.5 49.0 73.4
252 64.1 50.6 75.8





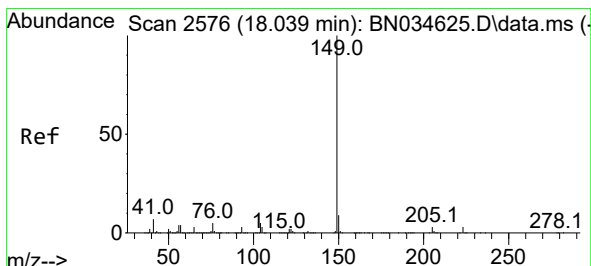
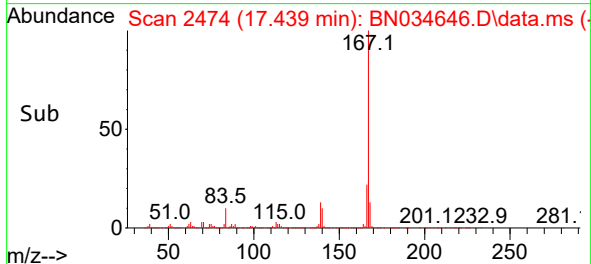
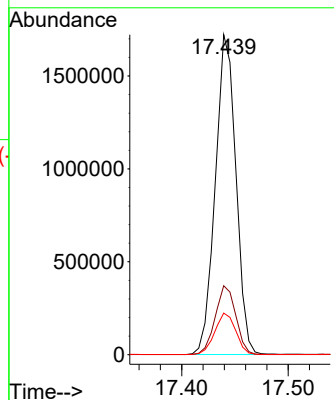
#77
 Carbazole
 Concen: 35.866 ng/ul
 RT: 17.439 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN034646.D
 Acq: 18 Oct 2024 11:44

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:167 Resp: 2316410

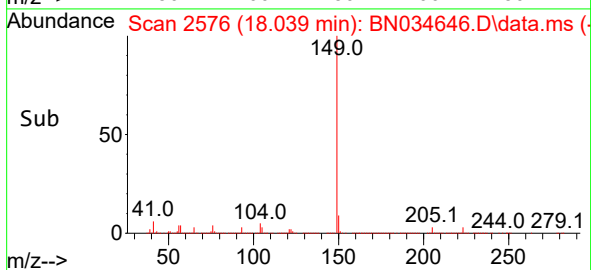
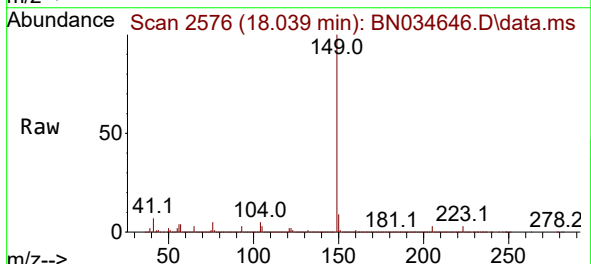
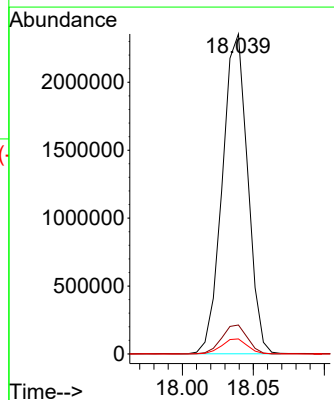
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	13.0	10.6	16.0

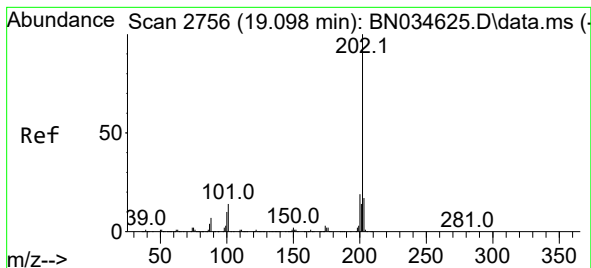


#78
 Di-n-butylphthalate
 Concen: 38.847 ng/ul
 RT: 18.039 min Scan# 2576
 Delta R.T. 0.000 min
 Lab File: BN034646.D
 Acq: 18 Oct 2024 11:44

Tgt Ion:149 Resp: 2919289

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.7	4.0	6.0





#80

Fluoranthene

Concen: 40.600 ng/ul

RT: 19.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :

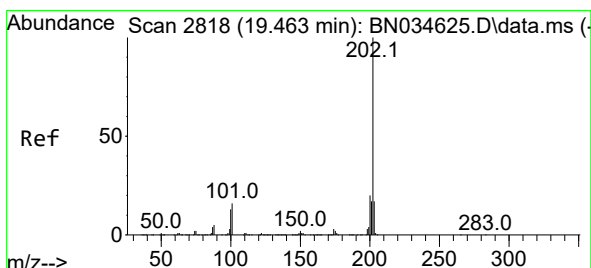
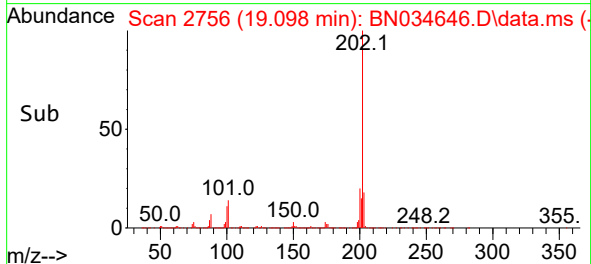
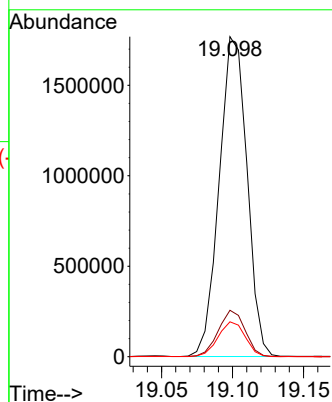
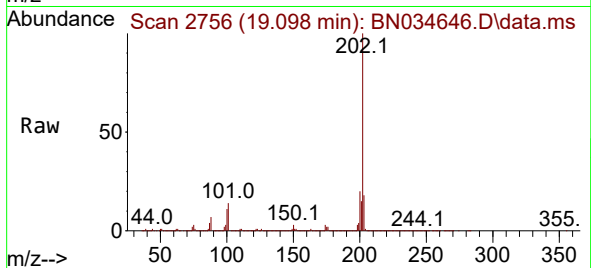
Tgt Ion:202 Resp: 2406439

Ion Ratio Lower Upper

202 100

101 14.5 10.6 15.8

100 10.9 8.2 12.2



#82

Pyrene

Concen: 39.836 ng/ul

RT: 19.463 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

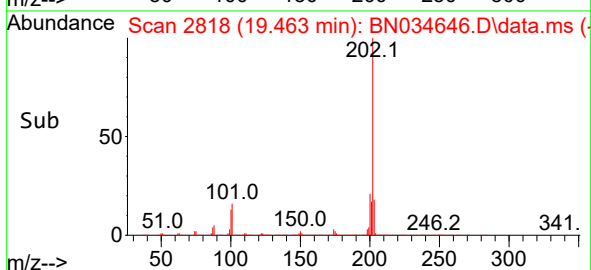
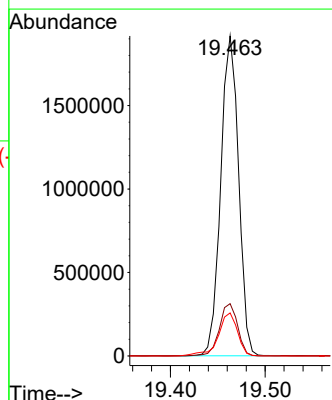
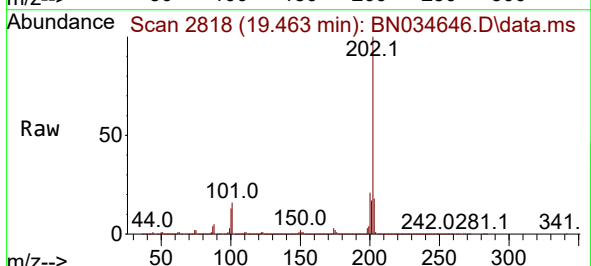
Tgt Ion:202 Resp: 2515165

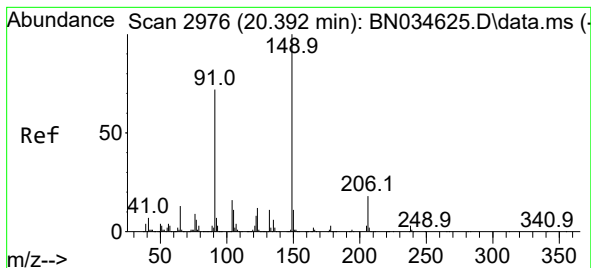
Ion Ratio Lower Upper

202 100

101 16.4 12.9 19.3

100 13.5 10.7 16.1





#83

Butylbenzylphthalate

Concen: 48.012 ng/ul

RT: 20.392 min Scan# 2976

Delta R.T. -0.006 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :

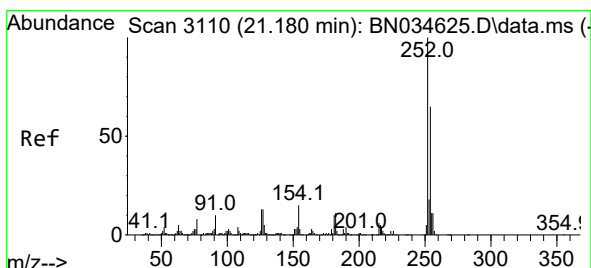
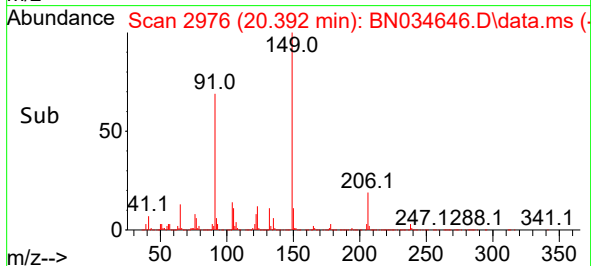
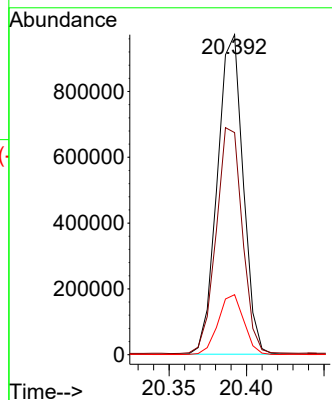
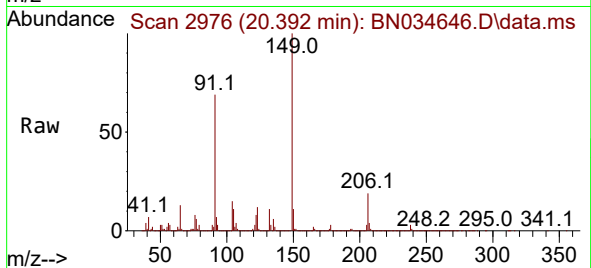
Tgt Ion:149 Resp: 1123795

Ion Ratio Lower Upper

149 100

91 69.4 55.4 83.0

206 18.8 15.2 22.8



#84

3,3'-Dichlorobenzidine

Concen: 7.233 ng/ul

RT: 21.180 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

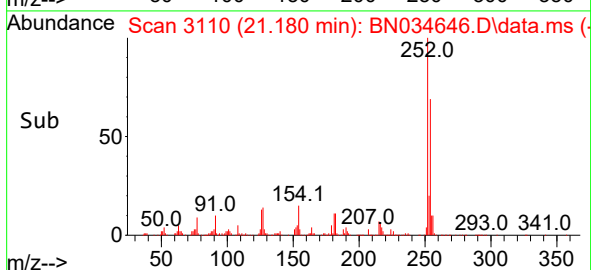
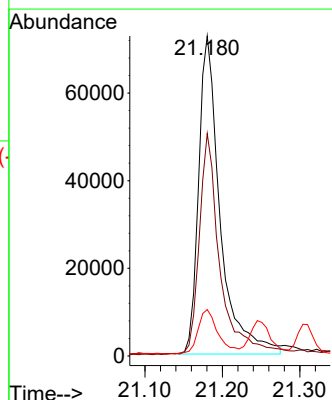
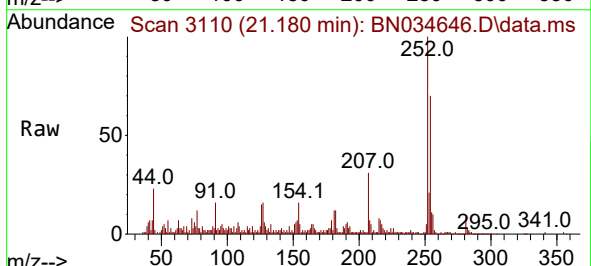
Tgt Ion:252 Resp: 140000

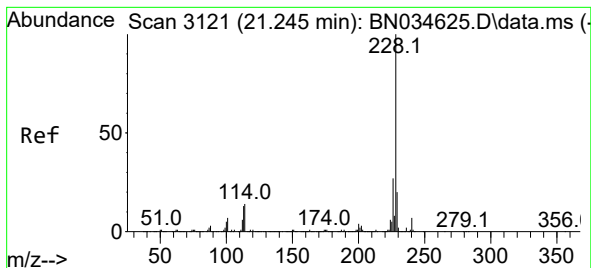
Ion Ratio Lower Upper

252 100

254 69.5 54.1 81.1

126 14.5 11.4 17.0





#85

Benzo(a)anthracene

Concen: 37.972 ng/ul

RT: 21.251 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :

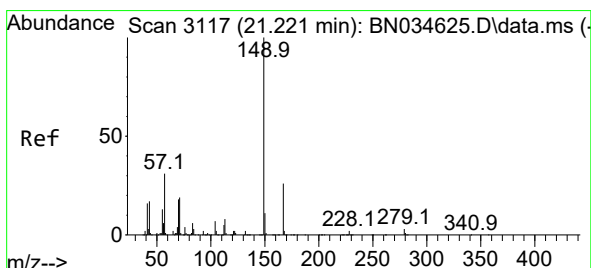
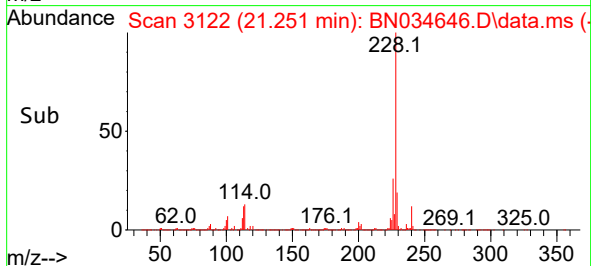
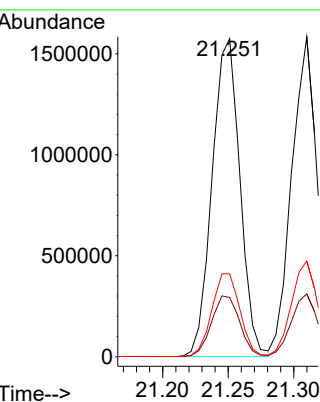
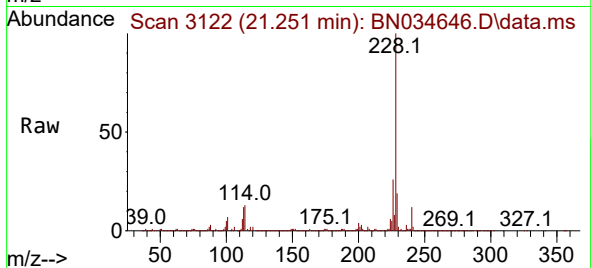
Tgt Ion:228 Resp: 2321343

Ion Ratio Lower Upper

228 100

229 18.6 15.7 23.5

226 26.1 21.3 31.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 42.932 ng/ul

RT: 21.216 min Scan# 3116

Delta R.T. -0.011 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

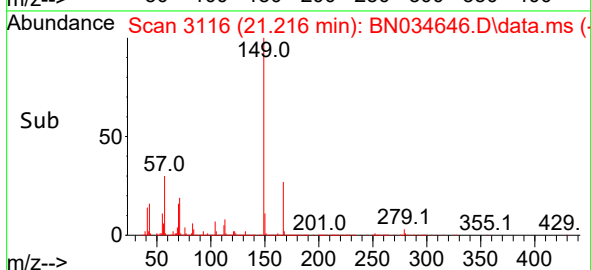
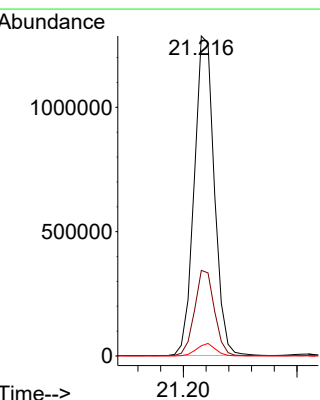
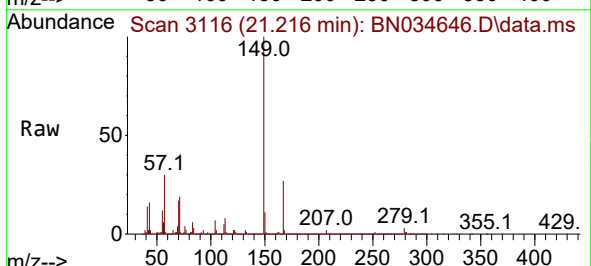
Tgt Ion:149 Resp: 1576743

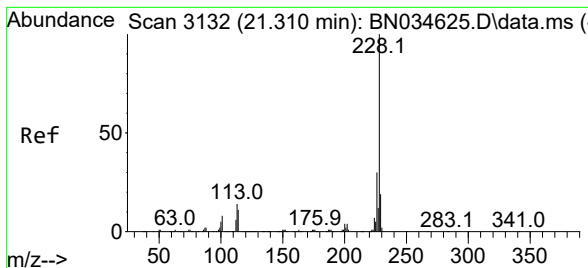
Ion Ratio Lower Upper

149 100

167 26.7 21.6 32.4

279 3.2 2.9 4.3





#87

Chrysene

Concen: 36.657 ng/ul

RT: 21.310 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :

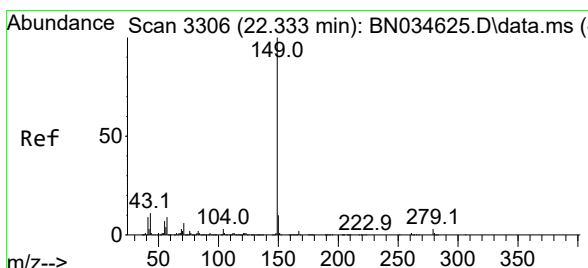
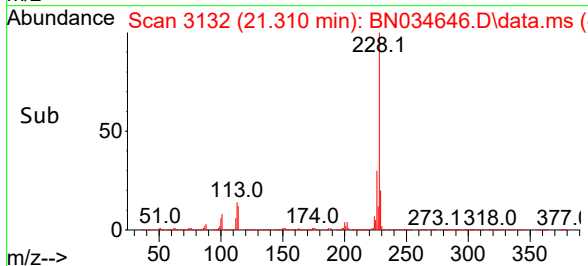
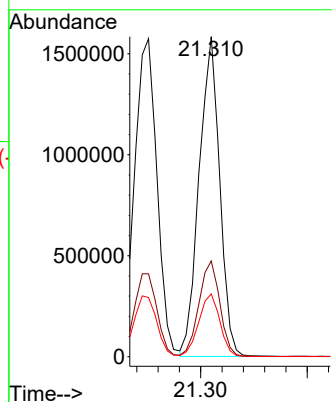
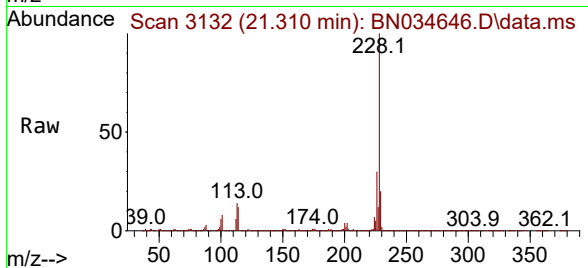
Tgt Ion:228 Resp: 2127041

Ion Ratio Lower Upper

228 100

226 29.9 22.6 34.0

229 19.6 15.2 22.8



#89

Di-n-octyl phthalate

Concen: 40.141 ng/ul

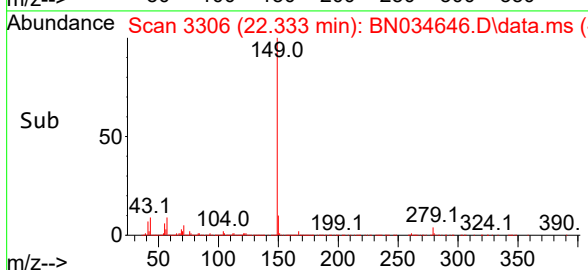
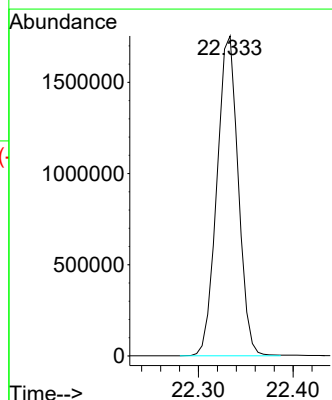
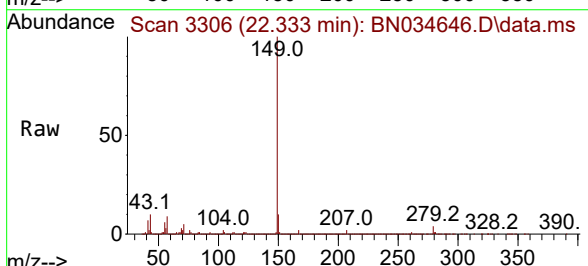
RT: 22.333 min Scan# 3306

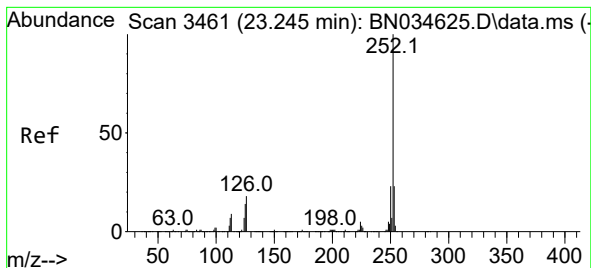
Delta R.T. -0.011 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Tgt Ion:149 Resp: 2737963





#90

Benzo(b)fluoranthene

Concen: 38.651 ng/ul

RT: 23.251 min Scan# 3461

Delta R.T. -0.006 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :

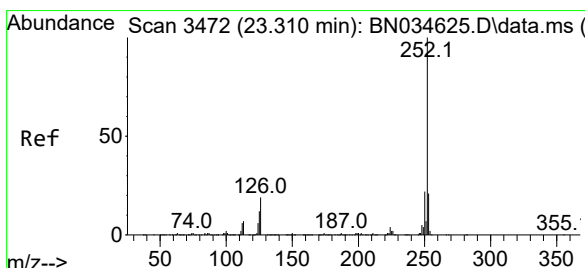
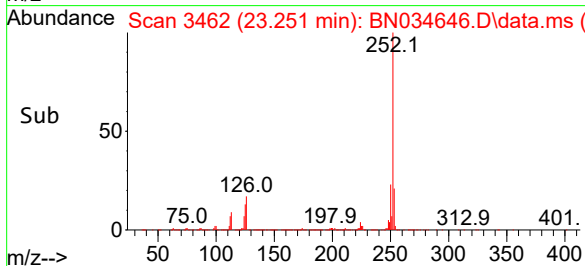
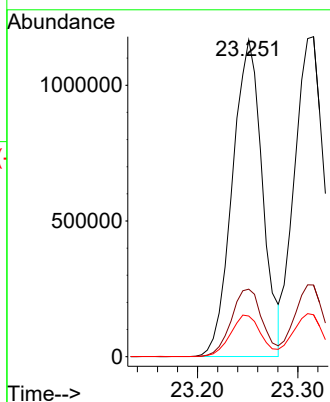
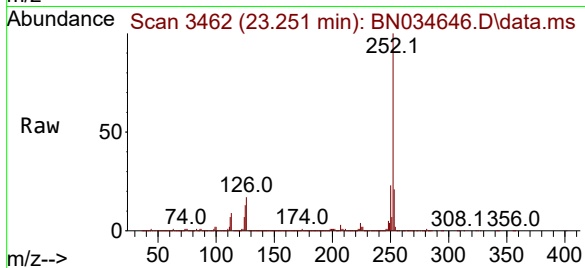
Tgt Ion:252 Resp: 2437464

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 12.8 10.3 15.5



#91

Benzo(k)fluoranthene

Concen: 37.497 ng/ul

RT: 23.316 min Scan# 3473

Delta R.T. 0.000 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

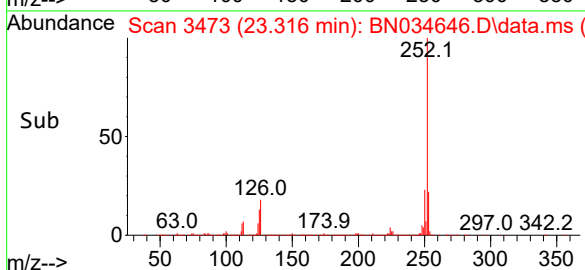
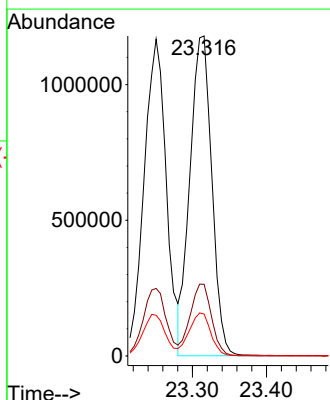
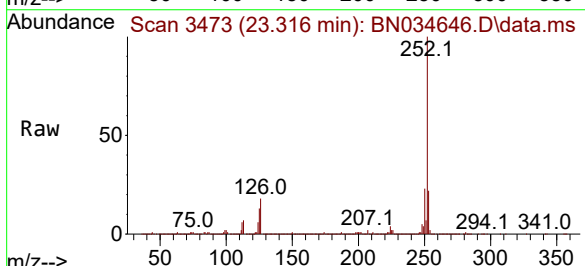
Tgt Ion:252 Resp: 2416392

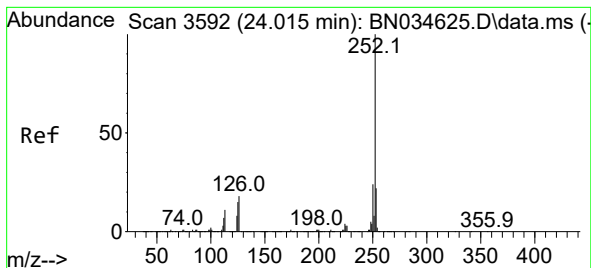
Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

125 13.1 10.3 15.5





#93

Benzo(a)pyrene

Concen: 36.039 ng/ul

RT: 24.021 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :

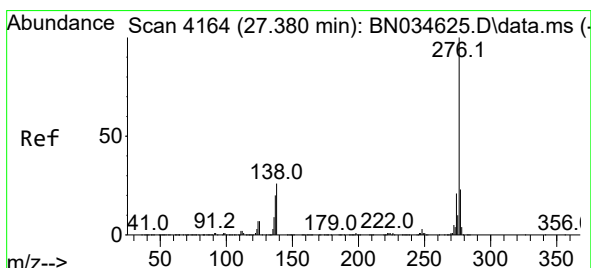
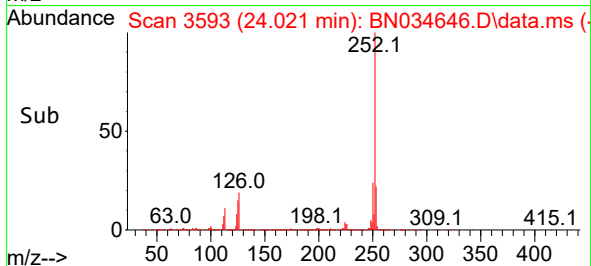
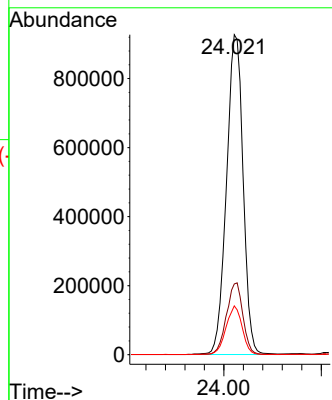
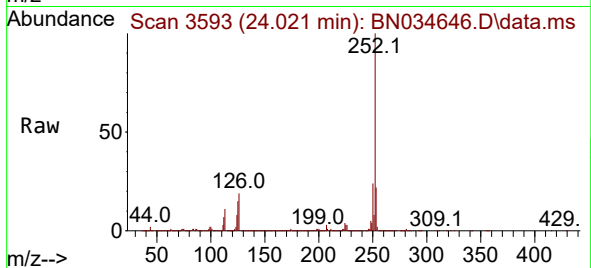
Tgt Ion:252 Resp: 2200457

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 15.2 11.7 17.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 39.877 ng/ul

RT: 27.398 min Scan# 4167

Delta R.T. 0.006 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

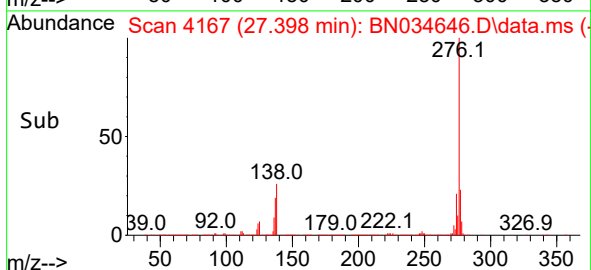
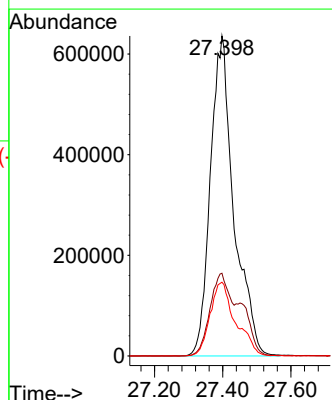
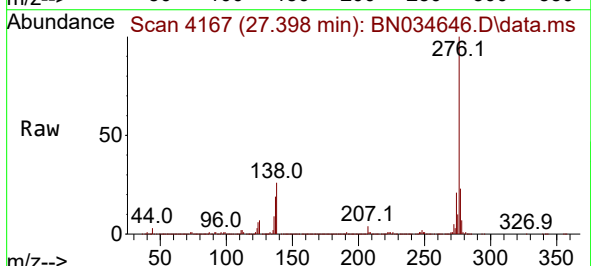
Tgt Ion:276 Resp: 3037618

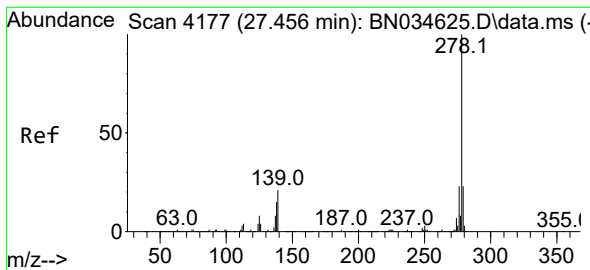
Ion Ratio Lower Upper

276 100

138 25.9 19.5 29.3

277 23.0 17.7 26.5





#95

Dibenzo(a,h)anthracene

Concen: 39.902 ng/ul

RT: 27.462 min Scan# 4178

Delta R.T. -0.006 min

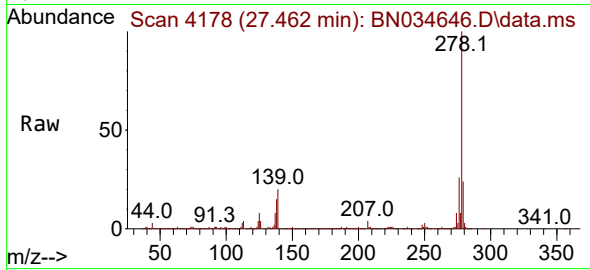
Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Instrument :

BNA_N

ClientSampleId :



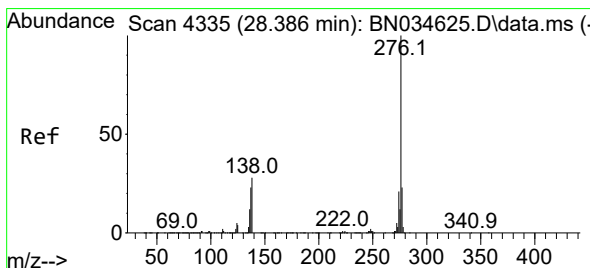
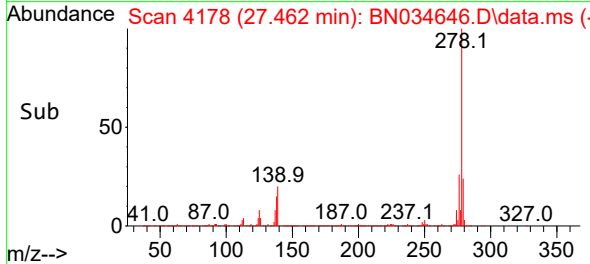
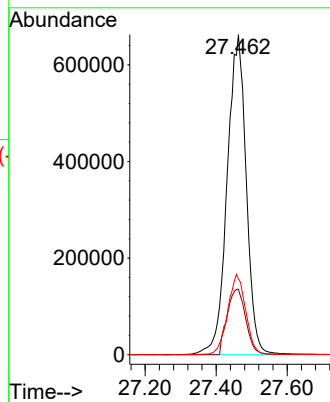
Tgt Ion:278 Resp: 2470034

Ion Ratio Lower Upper

278 100

139 20.5 15.9 23.9

279 23.6 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 24.117 ng/ul

RT: 28.392 min Scan# 4336

Delta R.T. 0.000 min

Lab File: BN034646.D

Acq: 18 Oct 2024 11:44

Tgt Ion:276 Resp: 1425932

Ion Ratio Lower Upper

276 100

138 29.0 21.9 32.9

277 23.7 18.3 27.5

