

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
 Data File : BN036145.D
 Acq On : 30 Jan 2025 22:57
 Operator : RC/JU
 Sample : Q1162-04MSD 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2947MSD

Quant Time: Jan 31 07:35:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 30 17:36:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	117851	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	458392	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	312982	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	624717	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	580724	20.000	ng/u1	0.00
88) Perylene-d12	24.463	264	507066	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	12144	4.199	ng/uL	0.00
4) Pyridine-d5	3.675	84	83374	10.121	ng/u1	0.00
7) Phenol-d5	6.987	99	91151	9.334	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	198146	31.617	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	222032	29.040	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	164297	20.941	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	118863	32.299	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	139463	33.400	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	242970	32.227	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	278925	28.161	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	825162	34.960	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	839061	31.926	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	44293	10.874	ng/u1	0.00
60) Fluorene-d10	15.428	176	650415	32.920	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	153842	37.208	ng/u1	0.00
73) Anthracene-d10	17.281	188	1073824	35.385	ng/u1	0.00
81) Pyrene-d10	19.581	212	1270551	36.737	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.251	264	983137	36.873	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	17393	5.630	ng/uL#	1
5) Pyridine	3.693	79	90986	10.875	ng/u1	98
6) Benzaldehyde	6.934	77	129191	22.156	ng/u1	99
8) Phenol	7.016	94	102050	10.122	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.216	93	255436	32.239	ng/u1	96
12) 2-Chlorophenol	7.369	128	229279	29.419	ng/u1	96
13) 2-Methylphenol	8.258	108	182419	24.503	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	375558	31.053	ng/u1	98
16) Acetophenone	8.616	105	409918	32.046	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.605	70	218729	32.476	ng/u1	99
18) 4-Methylphenol	8.587	108	174664	21.503	ng/u1	91
19) Hexachloroethane	8.875	117	70195	19.496	ng/u1	94
22) Nitrobenzene	8.993	77	327297	32.269	ng/u1	97
23) Isophorone	9.522	82	603715	33.584	ng/u1	99
25) 2-Nitrophenol	9.705	139	146666	32.828	ng/u1	98
26) 2,4-Dimethylphenol	9.781	107	256947	28.228	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.005	93	344233	32.625	ng/u1	100
29) 2,4-Dichlorophenol	10.257	162	247018	32.521	ng/u1	97
30) Naphthalene	10.640	128	692534	28.081	ng/u1	99
32) 4-Chloroaniline	10.746	127	159256	16.658	ng/u1	99
33) Hexachlorobutadiene	10.934	225	135138	24.374	ng/u1	96
34) Caprolactam	11.534	113	13246	5.388	ng/u1	91
35) 4-Chloro-3-methylphenol	11.899	107	289007	33.121	ng/u1	99
36) 2-Methylnaphthalene	12.251	142	536126	31.013	ng/u1	98

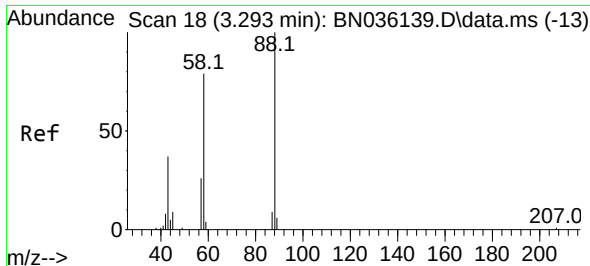
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	544007	32.033	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.628	216	306177	30.616	ng/ul	97
40) Hexachlorocyclopentadiene	12.610	237	117658	21.078	ng/ul	94
41) 2,4,6-Trichlorophenol	12.869	196	218894	33.946	ng/ul	96
42) 2,4,5-Trichlorophenol	12.963	196	237590	34.048	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	747538	32.177	ng/ul	100
44) 2-Chloronaphthalene	13.310	162	584557	32.004	ng/ul	96
45) 2-Nitroaniline	13.516	65	228669	36.718	ng/ul	99
47) Dimethylphthalate	13.898	163	856280	36.226	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	174203	37.369	ng/ul	99
50) Acenaphthylene	14.157	152	901500	32.597	ng/ul	99
51) 3-Nitroaniline	14.340	138	162187	34.722	ng/ul	93
52) Acenaphthene	14.504	153	659546	33.128	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	107539	36.714	ng/ul	87
55) 4-Nitrophenol	14.698	109	47844	11.016	ng/ul	95
56) Dibenzofuran	14.840	168	930751	33.770	ng/ul	96
57) 2,4-Dinitrotoluene	14.798	165	257928	36.977	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	209940	36.040	ng/ul	99
59) Diethylphthalate	15.263	149	850469	34.880	ng/ul	99
61) Fluorene	15.487	166	758217	33.923	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.481	204	383282	33.167	ng/ul	98
63) 4-Nitroaniline	15.510	138	183836	40.227	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.563	198	161268	36.731	ng/ul	95
67) N-Nitrosodiphenylamine	15.692	169	654545	34.521	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	237243	35.445	ng/ul	97
69) Hexachlorobenzene	16.492	284	249004	34.102	ng/ul	97
70) Atrazine	16.651	200	257592	34.469	ng/ul	96
71) Pentachlorophenol	16.839	266	179008	35.914	ng/ul	96
72) Phenanthrene	17.228	178	1233870	35.227	ng/ul	99
74) Anthracene	17.316	178	1235857	35.064	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	308584	31.739	ng/ul	96
76) Pentachlorobenzene	14.757	250	310108	32.647	ng/ul	97
77) Carbazole	17.586	167	1128135	36.487	ng/ul	97
78) Di-n-butylphthalate	18.151	149	1528329	37.109	ng/ul	99
80) Fluoranthene	19.245	202	1487745	36.825	ng/ul	97
82) Pyrene	19.610	202	1579919	36.889	ng/ul	100
83) Butylbenzylphthalate	20.510	149	677448	36.783	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.333	252	375659	36.628	ng/ul	98
85) Benzo(a)anthracene	21.410	228	1389504	34.802	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	973660	36.797	ng/ul	100
87) Chrysene	21.475	228	1371775	36.237	ng/ul	98
89) Di-n-octyl phthalate	22.486	149	1507759	36.184	ng/ul	100
90) Benzo(b)fluoranthene	23.504	252	1188449	35.446	ng/ul	99
91) Benzo(k)fluoranthene	23.569	252	1206345	36.135	ng/ul	99
93) Benzo(a)pyrene	24.321	252	1083815	36.985	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.880	276	1235038	38.735	ng/ul	98
95) Dibenzo(a,h)anthracene	27.945	278	993214	39.057	ng/ul	97
96) Benzo(g,h,i)perylene	28.951	276	964371	39.740	ng/ul	97

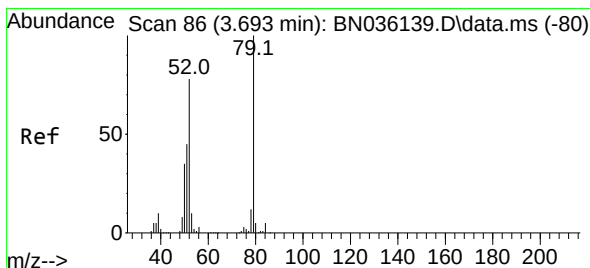
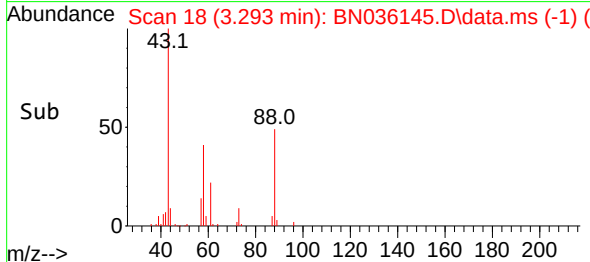
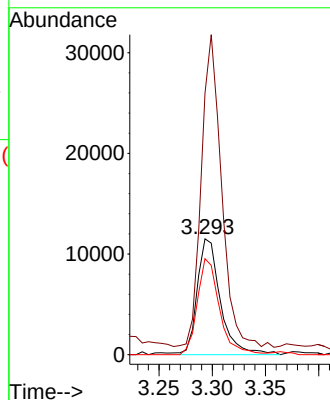
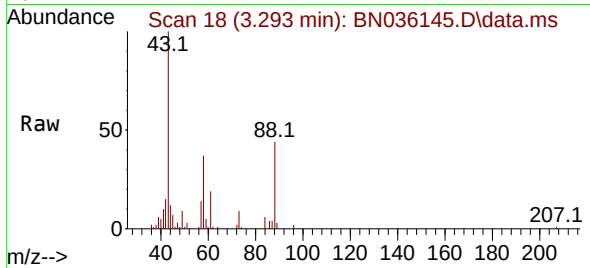
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#2
1,4-Dioxane
Concen: 5.630 ng/uL
RT: 3.293 min Scan# 18
Delta R.T. -0.000 min
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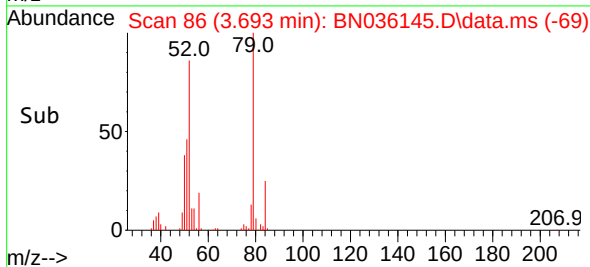
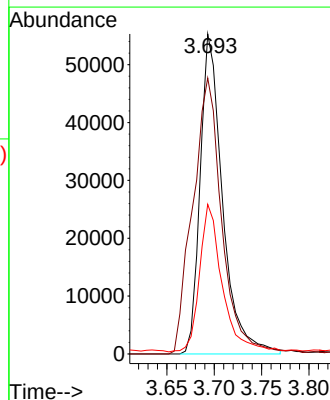
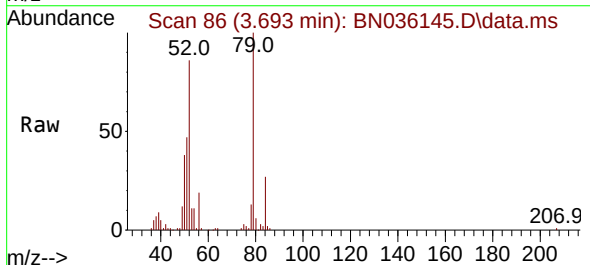
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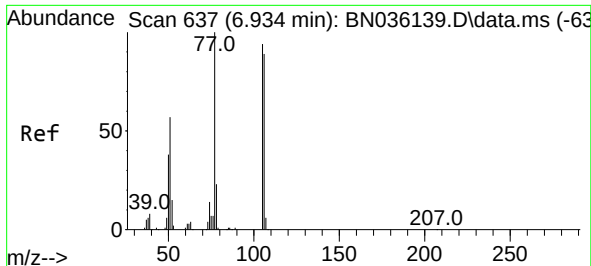
Tgt Ion: 88 Resp: 17393
Ion Ratio Lower Upper
88 100
43 225.8 29.6 44.4#
58 82.9 59.1 88.7



#5
Pyridine
Concen: 10.875 ng/uL
RT: 3.693 min Scan# 86
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion: 79 Resp: 90986
Ion Ratio Lower Upper
79 100
52 86.3 67.3 100.9
51 46.7 36.2 54.4

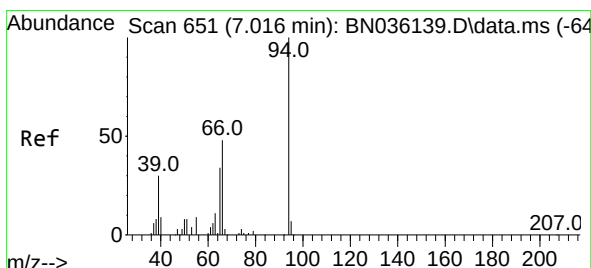
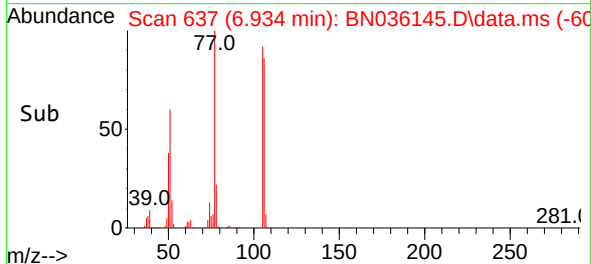
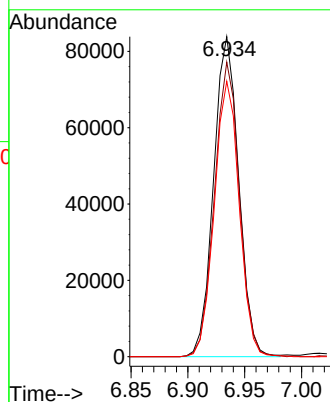
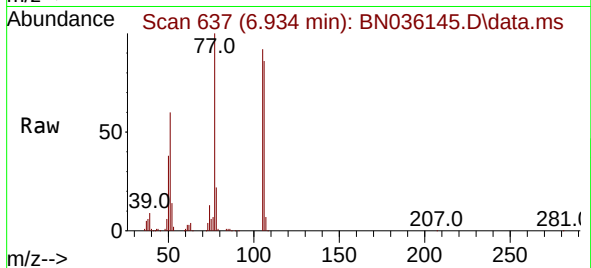




#6
Benzaldehyde
Concen: 22.156 ng/ul
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

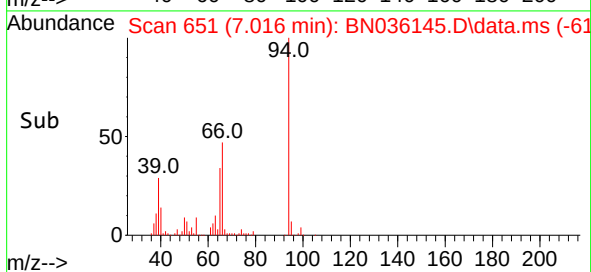
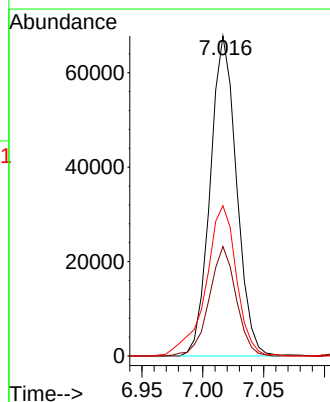
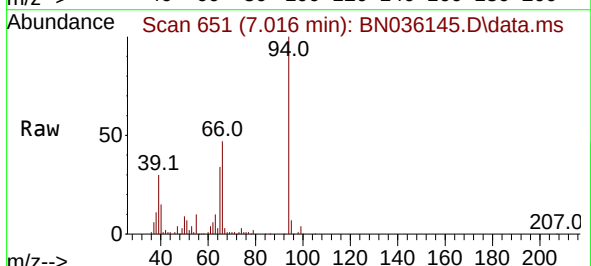
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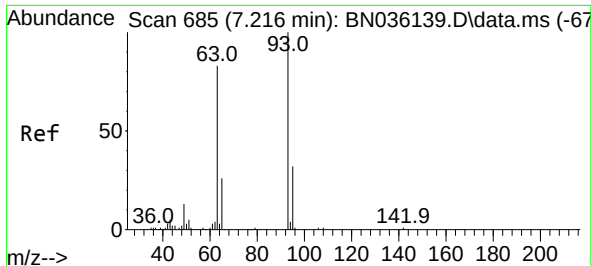
Tgt Ion: 77 Resp: 129191
Ion Ratio Lower Upper
77 100
105 92.0 74.8 112.2
106 86.1 69.8 104.8



#8
Phenol
Concen: 10.122 ng/ul
RT: 7.016 min Scan# 651
Delta R.T. -0.006 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion: 94 Resp: 102050
Ion Ratio Lower Upper
94 100
65 34.2 27.0 40.4
66 46.9 40.2 60.2

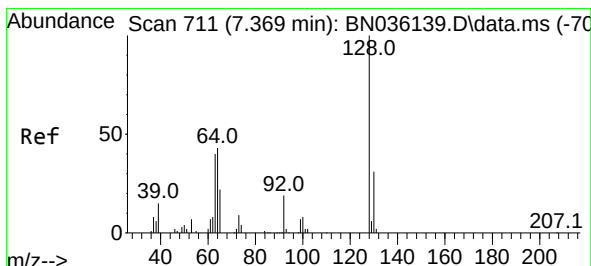
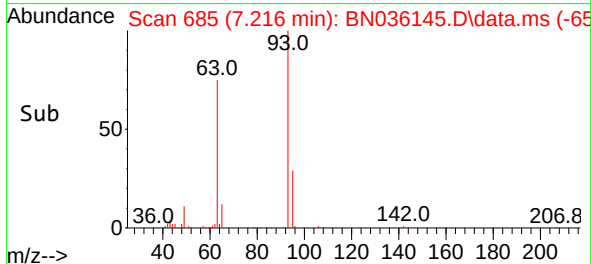
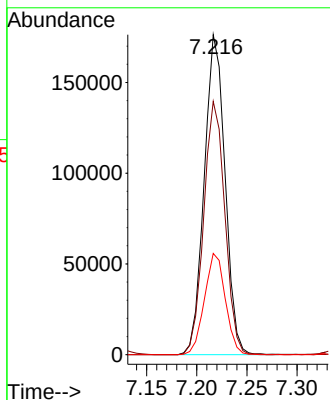
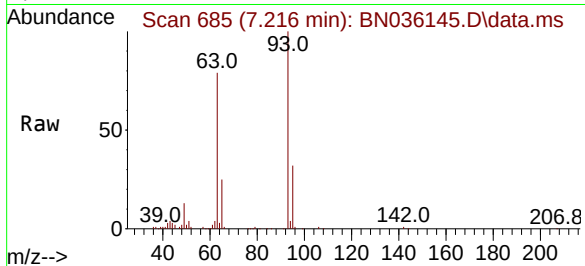




#10
Bis(2-Chloroethyl)ether
Concen: 32.239 ng/ul
RT: 7.216 min Scan# 685
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

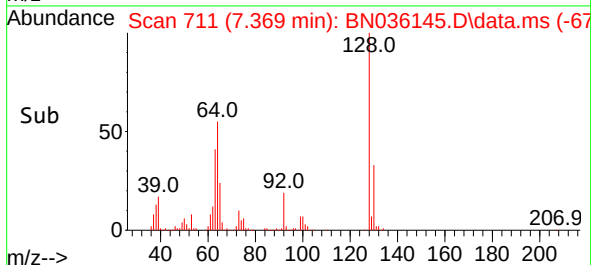
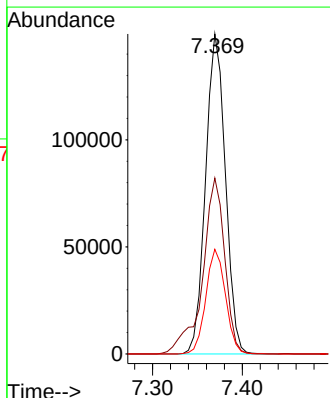
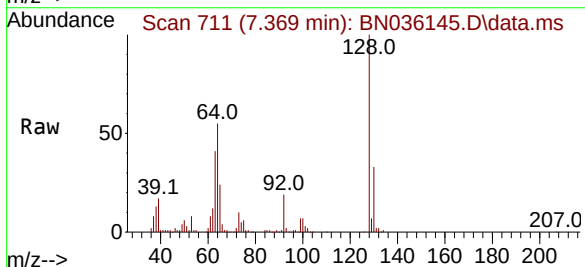
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ClientSampleId :
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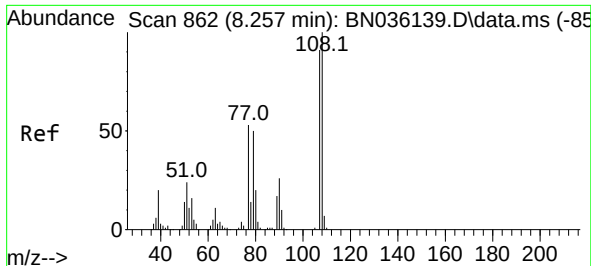
Tgt Ion: 93 Resp: 255436
Ion Ratio Lower Upper
93 100
63 79.1 67.0 100.6
95 31.6 25.8 38.6



#12
2-Chlorophenol
Concen: 29.419 ng/ul
RT: 7.369 min Scan# 711
Delta R.T. -0.006 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:128 Resp: 229279
Ion Ratio Lower Upper
128 100
64 54.9 41.8 62.6
130 32.7 24.9 37.3

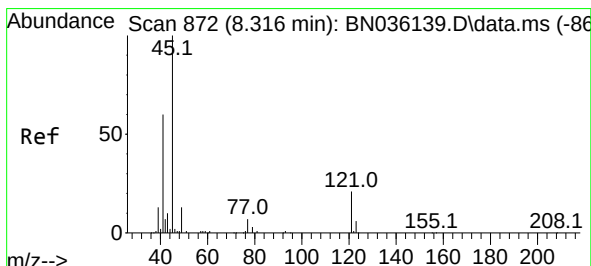
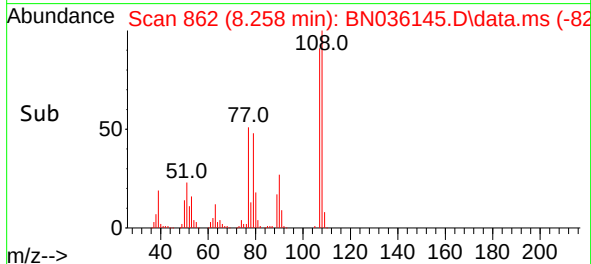
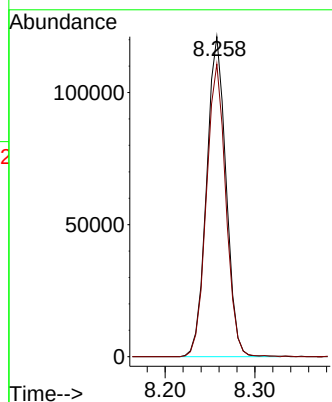
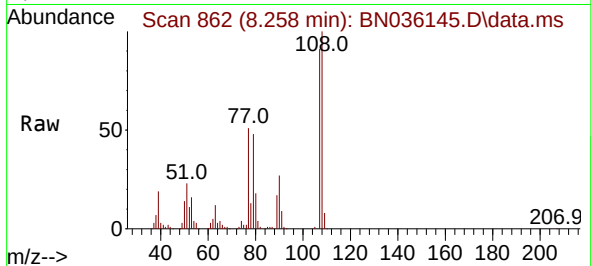




#13
2-Methylphenol
Concen: 24.503 ng/ul
RT: 8.258 min Scan# 80
Delta R.T. -0.006 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

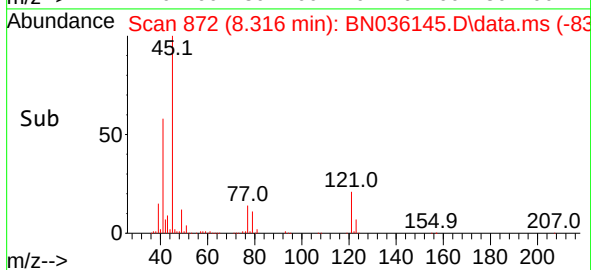
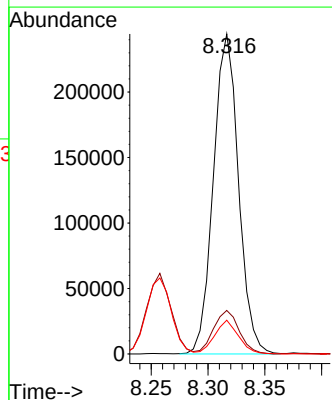
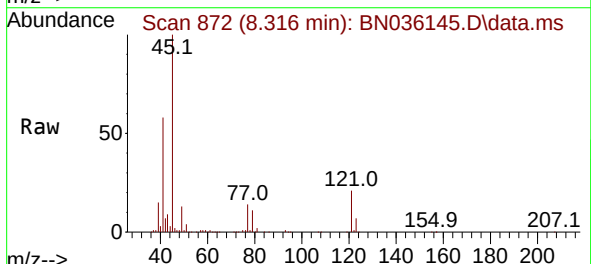
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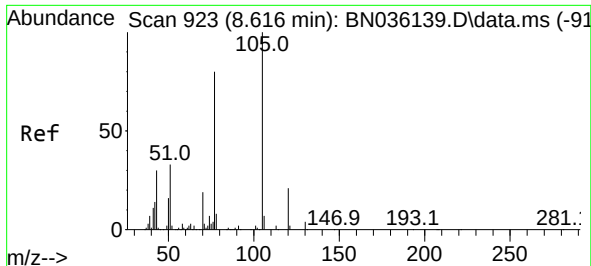
Tgt Ion:108 Resp: 182419
Ion Ratio Lower Upper
108 100
107 91.4 73.7 110.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.053 ng/ul
RT: 8.316 min Scan# 872
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion: 45 Resp: 375558
Ion Ratio Lower Upper
45 100
77 13.6 11.8 17.6
79 10.5 8.3 12.5

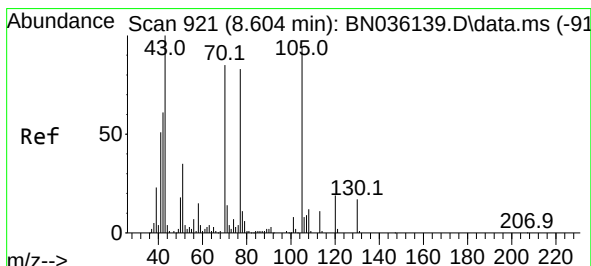
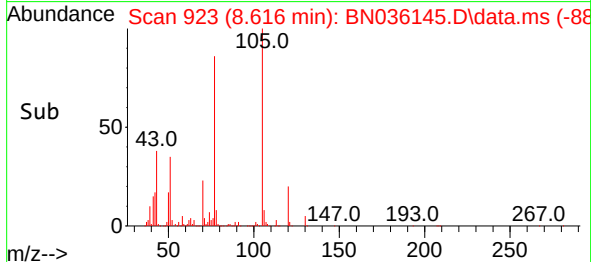
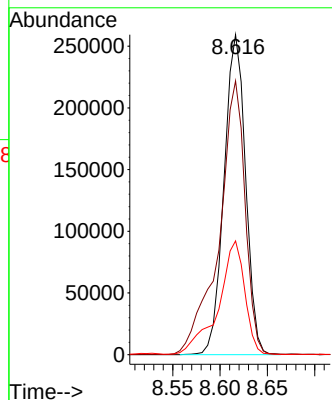
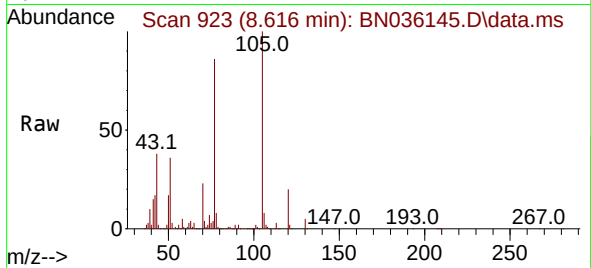




#16
Acetophenone
Concen: 32.046 ng/ul
RT: 8.616 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN036145.D
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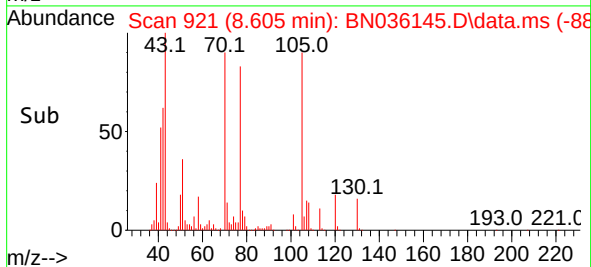
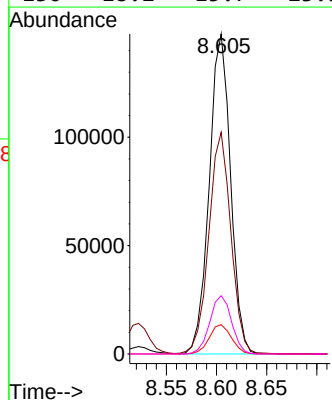
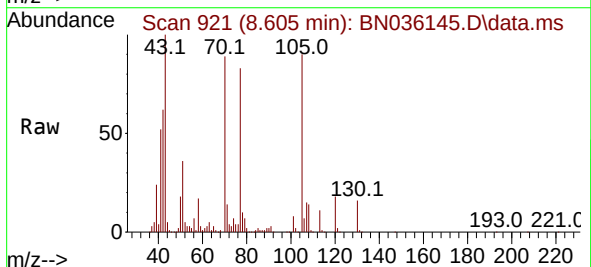
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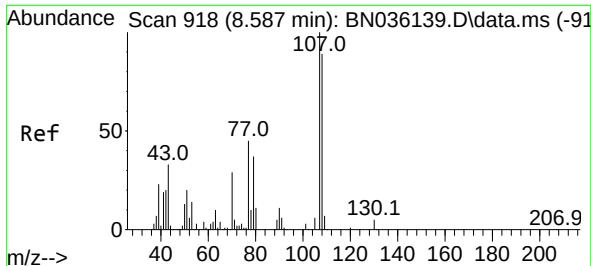
Tgt Ion:105 Resp: 409918
Ion Ratio Lower Upper
105 100
77 85.5 68.7 103.1
51 35.6 28.9 43.3



#17
N-Nitroso-di-n-propylamine
Concen: 32.476 ng/ul
RT: 8.605 min Scan# 921
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion: 70 Resp: 218729
Ion Ratio Lower Upper
70 100
42 69.3 54.7 82.1
101 9.1 7.1 10.7
130 18.2 15.7 23.5

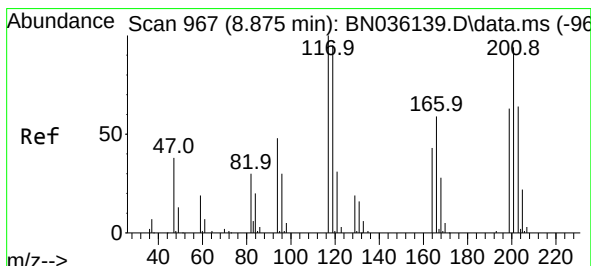
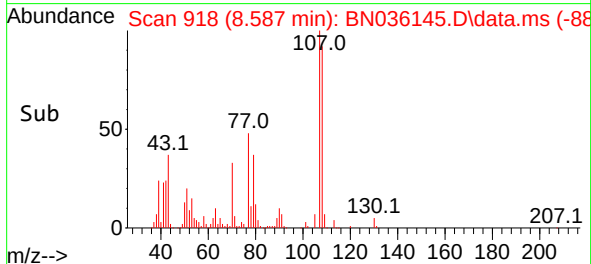
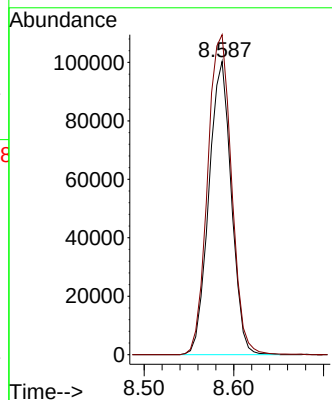
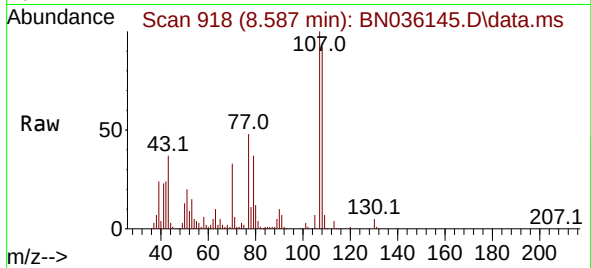




#18
4-Methylphenol
Concen: 21.503 ng/ul
RT: 8.587 min Scan# 918
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

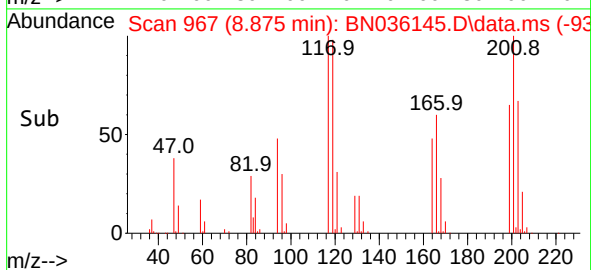
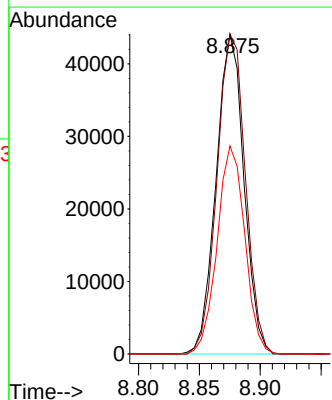
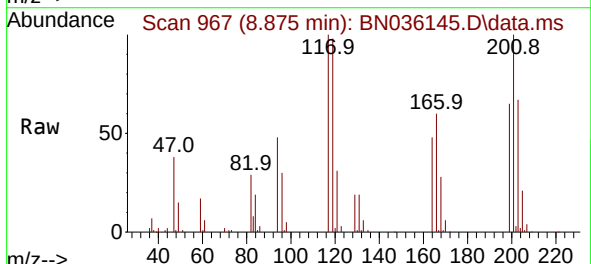
Instrument :
BNA_N
ClientSampleId :
E2947MSD

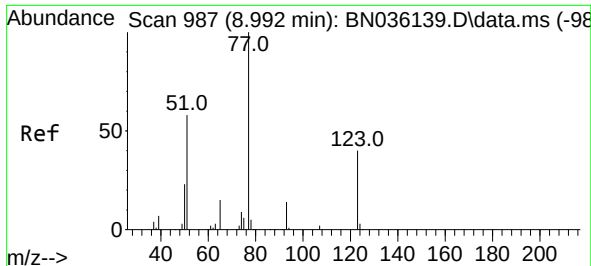
Tgt Ion:108 Resp: 174664
Ion Ratio Lower Upper
108 100
107 109.1 95.4 143.2



#19
Hexachloroethane
Concen: 19.496 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:117 Resp: 70195
Ion Ratio Lower Upper
117 100
201 100.2 77.5 116.3
199 65.0 45.8 68.6

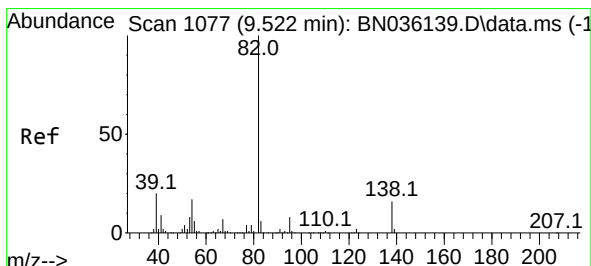
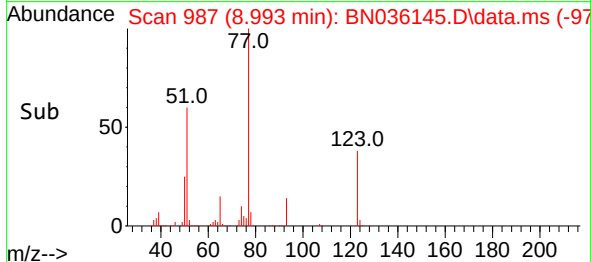
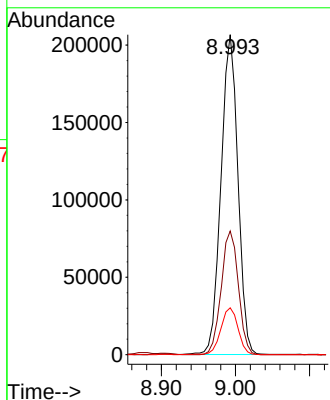
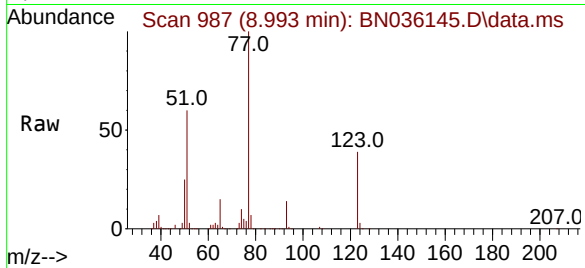




#22
Nitrobenzene
Concen: 32.269 ng/ul
RT: 8.993 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

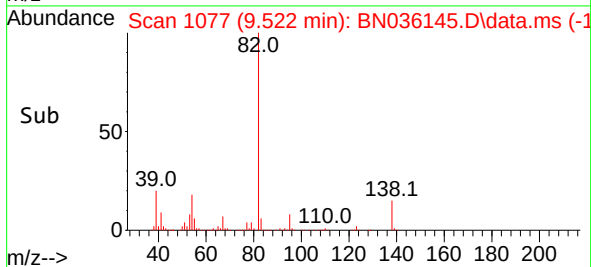
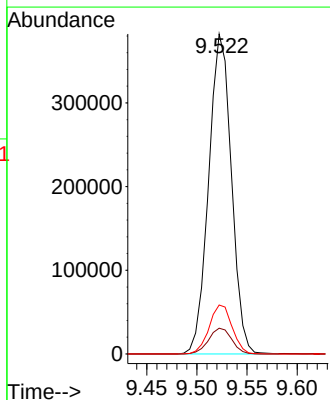
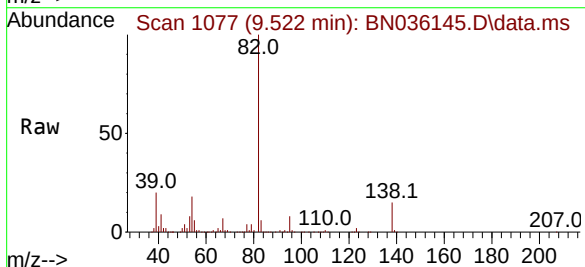
Instrument :
BNA_N
ClientSampleId :
E2947MSD

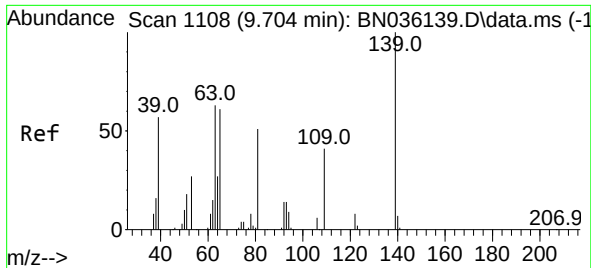
Tgt Ion: 77 Resp: 327297
Ion Ratio Lower Upper
77 100
123 38.6 32.5 48.7
65 14.7 12.2 18.2



#23
Isophorone
Concen: 33.584 ng/ul
RT: 9.522 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion: 82 Resp: 603715
Ion Ratio Lower Upper
82 100
95 8.0 6.6 10.0
138 15.3 12.8 19.2

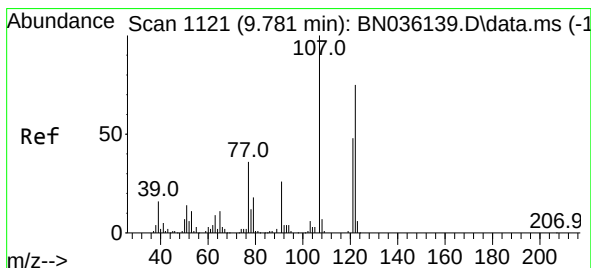
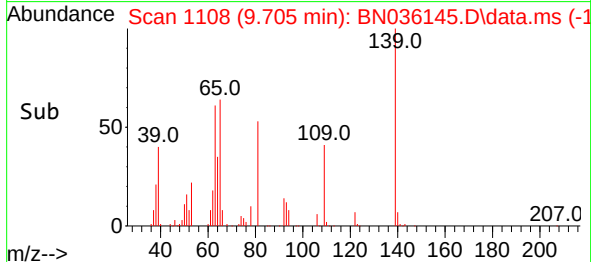
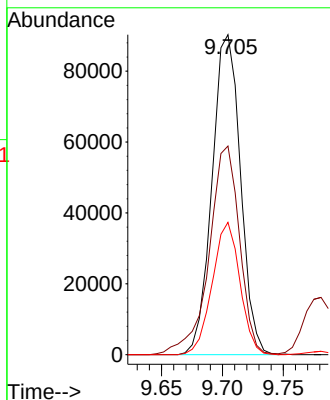
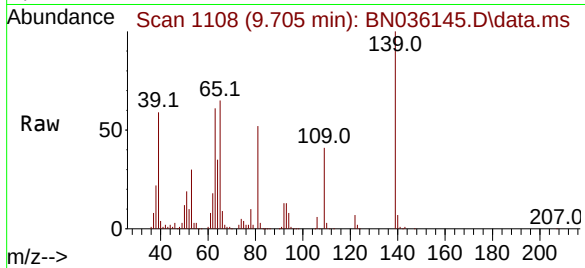




#25
2-Nitrophenol
Concen: 32.828 ng/ul
RT: 9.705 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

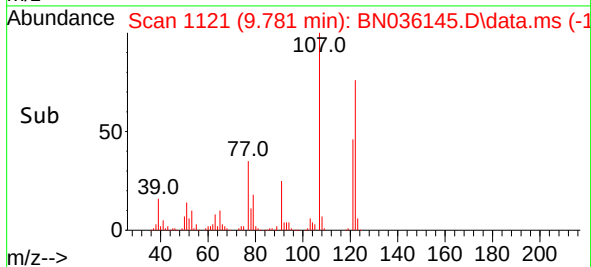
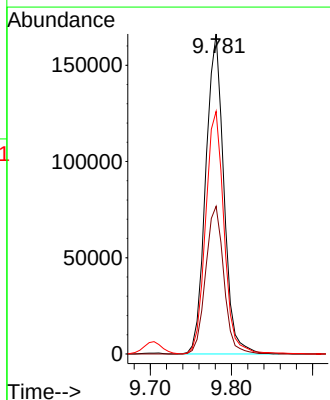
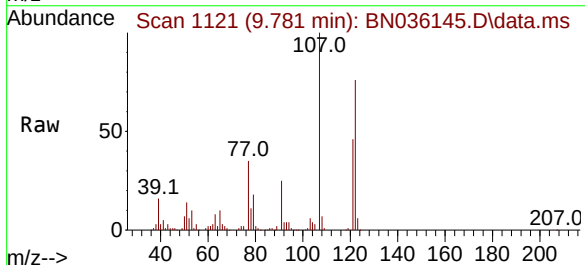
Instrument :
BNA_N
ClientSampleId :
E2947MSD

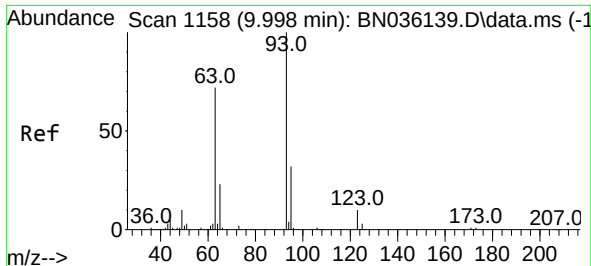
Tgt Ion:139 Resp: 146666
Ion Ratio Lower Upper
139 100
65 65.2 51.4 77.2
109 41.3 31.6 47.4



#26
2,4-Dimethylphenol
Concen: 28.228 ng/ul
RT: 9.781 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:107 Resp: 256947
Ion Ratio Lower Upper
107 100
121 46.1 36.6 55.0
122 75.8 61.4 92.0

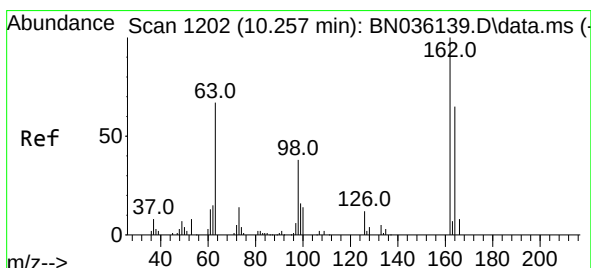
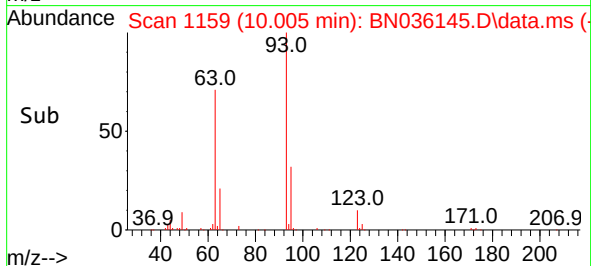
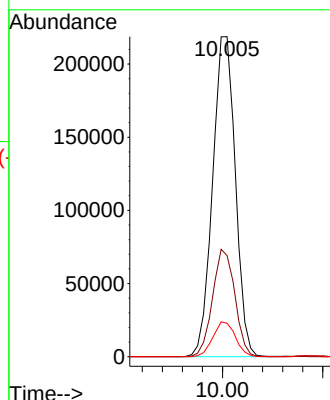
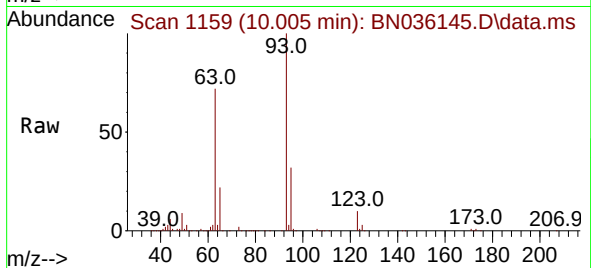




#27
 Bis(2-Chloroethoxy)methane
 Concen: 32.625 ng/ul
 RT: 10.005 min Scan# 1158
 Delta R.T. 0.006 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

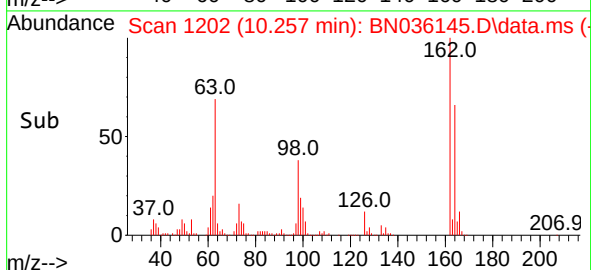
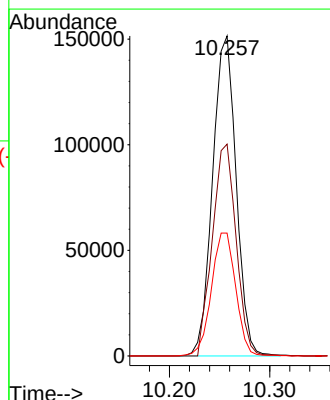
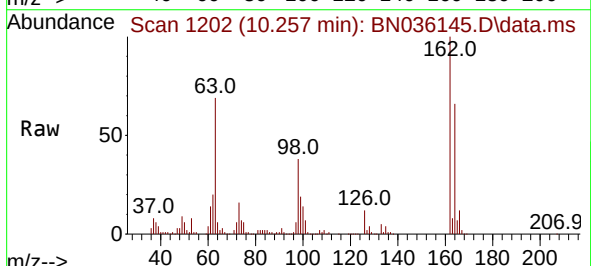
Instrument :
 BNA_N
 ClientSampleId :
 E2947MSD

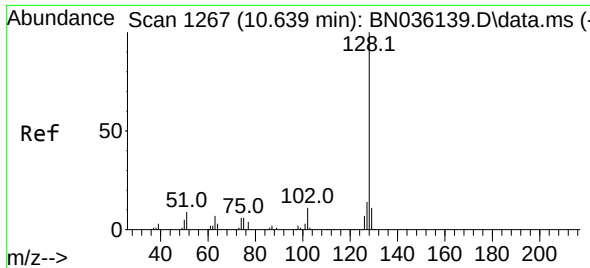
Tgt Ion: 93 Resp: 344233
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.4 38.0
 123 10.5 8.2 12.4



#29
 2,4-Dichlorophenol
 Concen: 32.521 ng/ul
 RT: 10.257 min Scan# 1202
 Delta R.T. -0.000 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

Tgt Ion:162 Resp: 247018
 Ion Ratio Lower Upper
 162 100
 164 66.2 49.7 74.5
 98 38.4 30.8 46.2

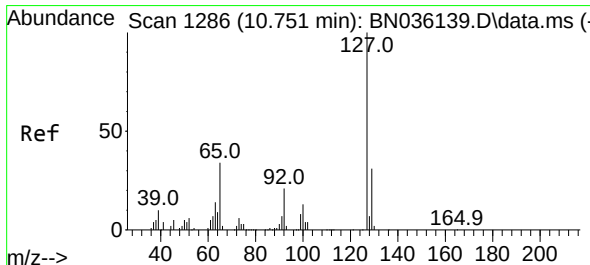
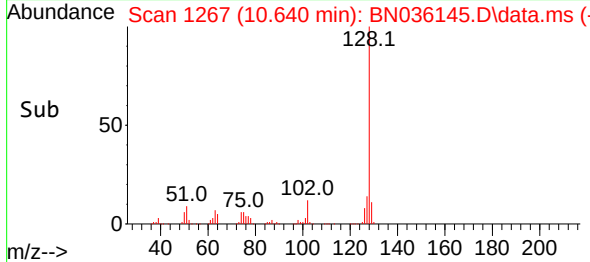
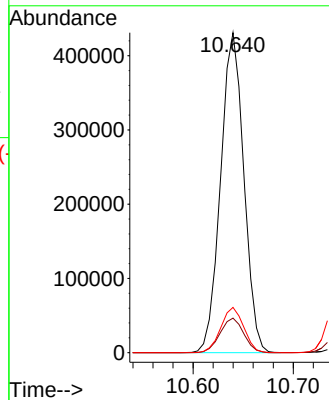
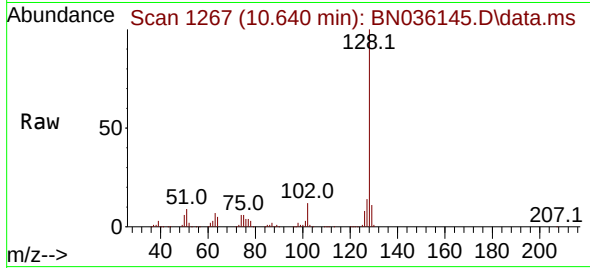




#30
Naphthalene
Concen: 28.081 ng/ul
RT: 10.640 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

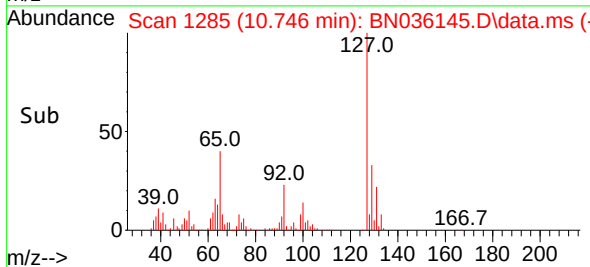
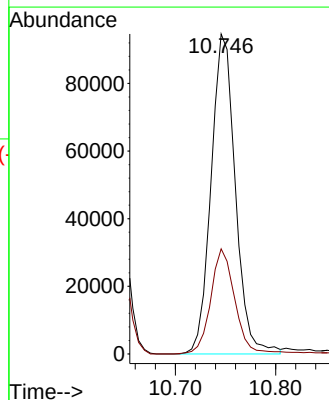
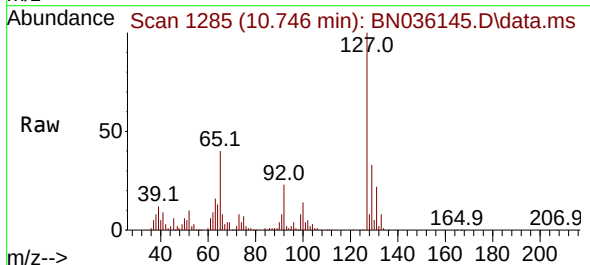
Instrument :
BNA_N
ClientSampleId :
E2947MSD

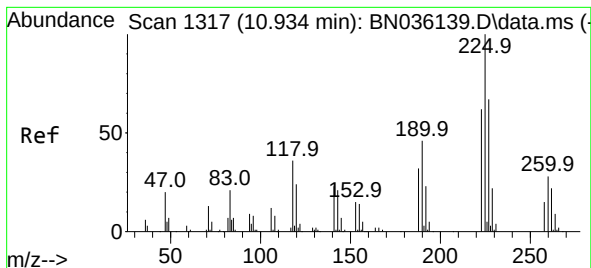
Tgt Ion:128 Resp: 692534
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 14.2 11.4 17.2



#32
4-Chloroaniline
Concen: 16.658 ng/ul
RT: 10.746 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:127 Resp: 159256
Ion Ratio Lower Upper
127 100
129 32.9 25.8 38.8





#33

Hexachlorobutadiene

Concen: 24.374 ng/ul

RT: 10.934 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BN036145.D

Acq: 30 Jan 2025 22:57

Instrument :

BNA_N

ClientSampleId :

E2947MSD

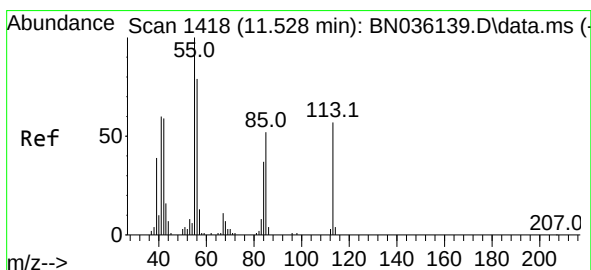
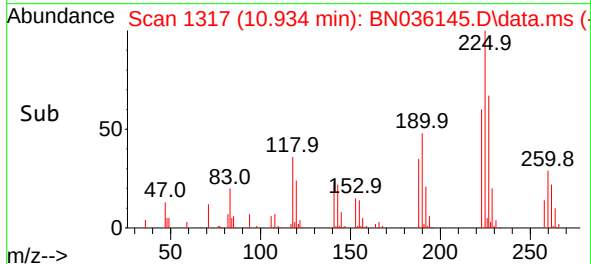
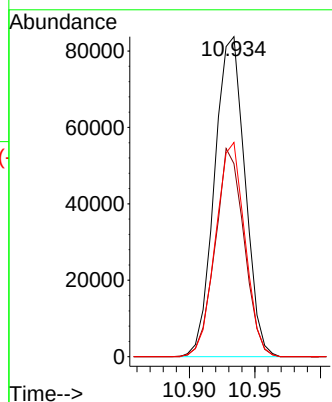
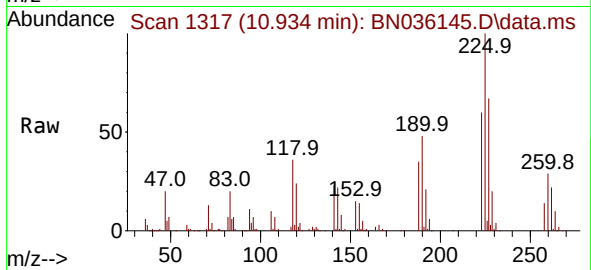
Tgt Ion:225 Resp: 135138

Ion Ratio Lower Upper

225 100

223 60.3 48.5 72.7

227 67.0 49.2 73.8



#34

Caprolactam

Concen: 5.388 ng/ul

RT: 11.534 min Scan# 1419

Delta R.T. 0.006 min

Lab File: BN036145.D

Acq: 30 Jan 2025 22:57

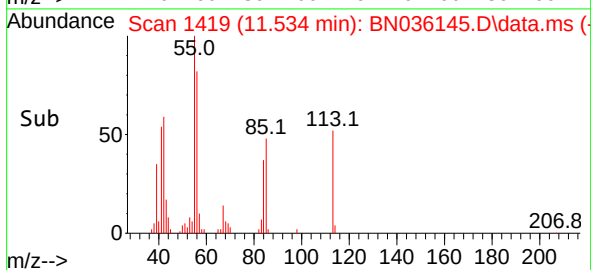
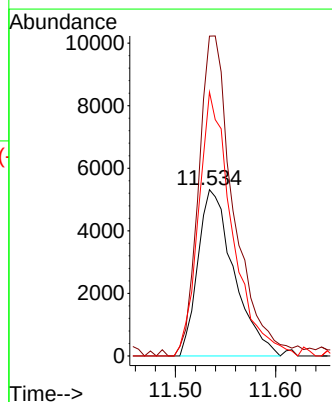
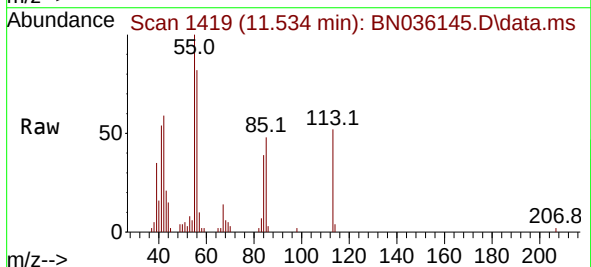
Tgt Ion:113 Resp: 13246

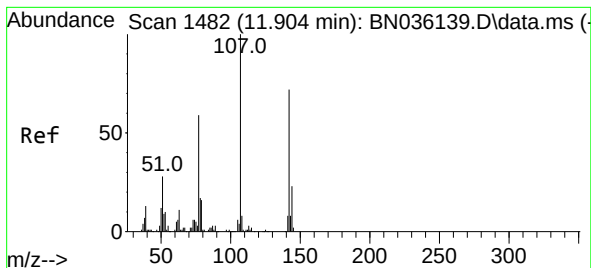
Ion Ratio Lower Upper

113 100

55 192.5 143.6 215.4

56 158.7 119.0 178.6

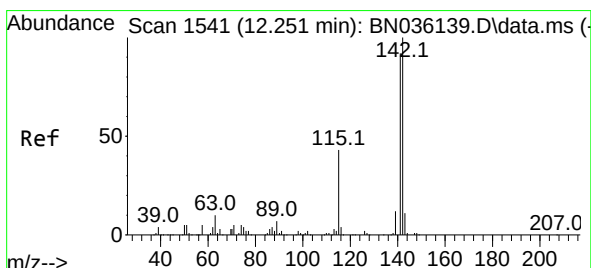
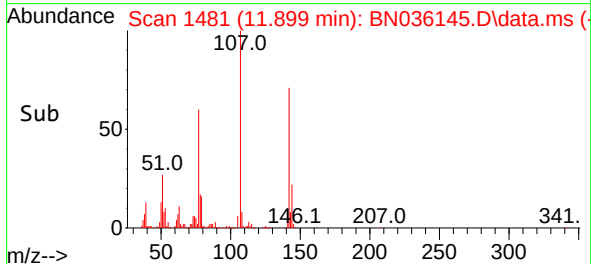
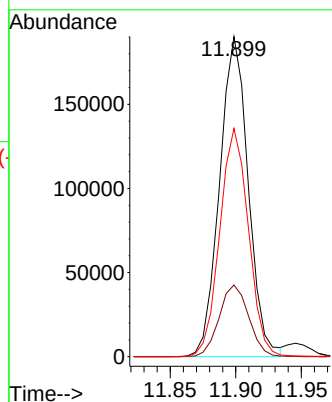
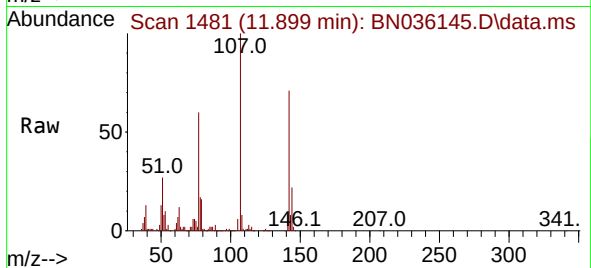




#35
4-Chloro-3-methylphenol
Concen: 33.121 ng/ul
RT: 11.899 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

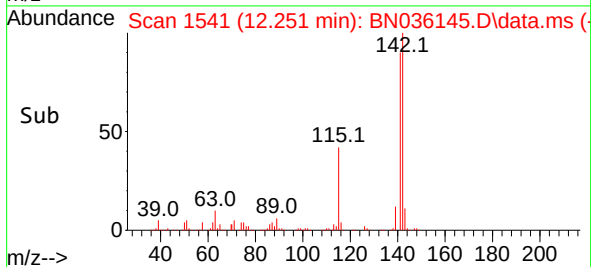
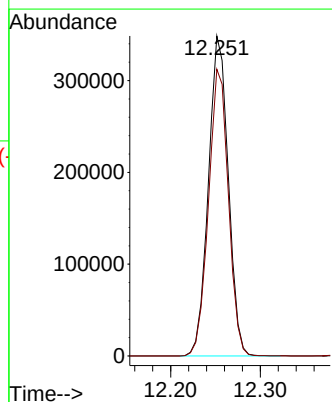
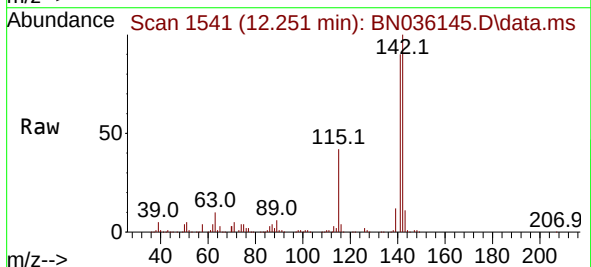
Instrument :
BNA_N
ClientSampleId :
E2947MSD

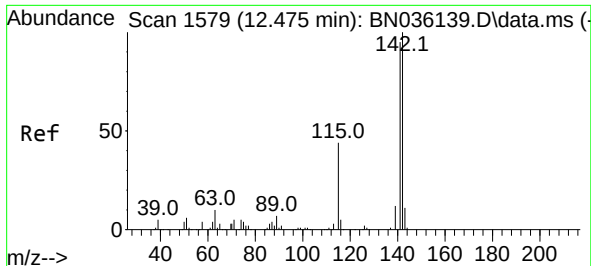
Tgt Ion:107 Resp: 289007
Ion Ratio Lower Upper
107 100
144 22.4 17.5 26.3
142 71.3 56.7 85.1



#36
2-Methylnaphthalene
Concen: 31.013 ng/ul
RT: 12.251 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:142 Resp: 536126
Ion Ratio Lower Upper
142 100
141 89.6 73.5 110.3

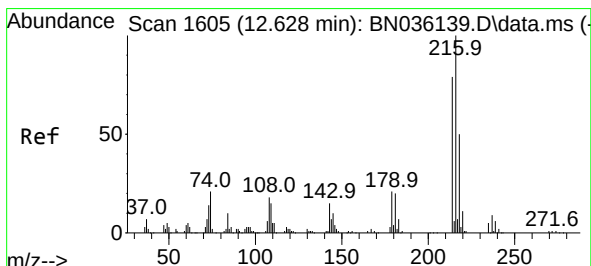
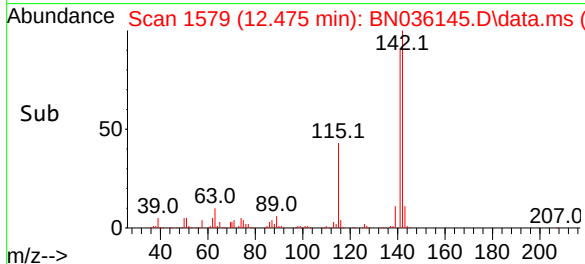
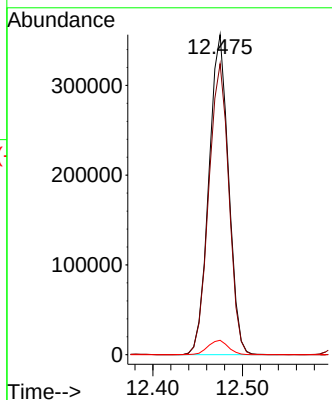
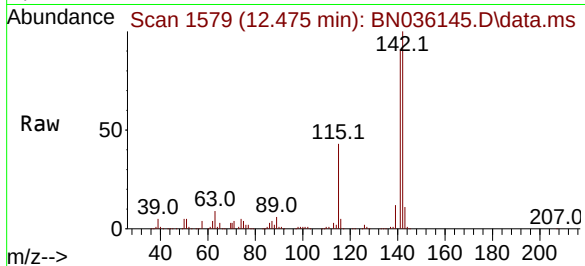




#37
 1-Methylnaphthalene
 Concen: 32.033 ng/ul
 RT: 12.475 min Scan# 1579
 Delta R.T. -0.000 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

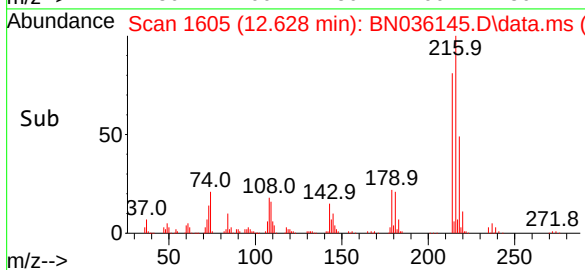
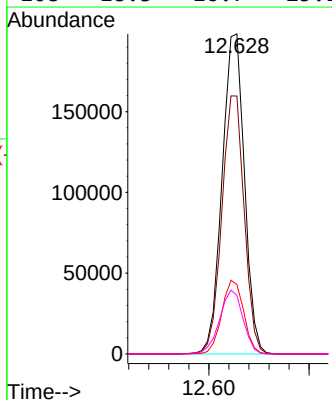
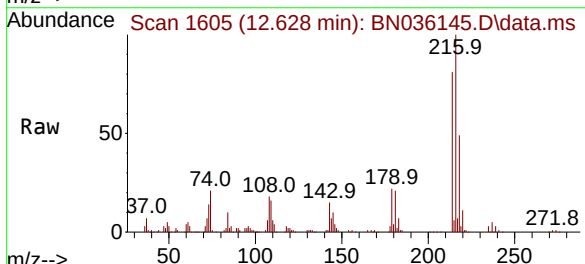
Instrument :
 BNA_N
 ClientSampleId :
 E2947MSD

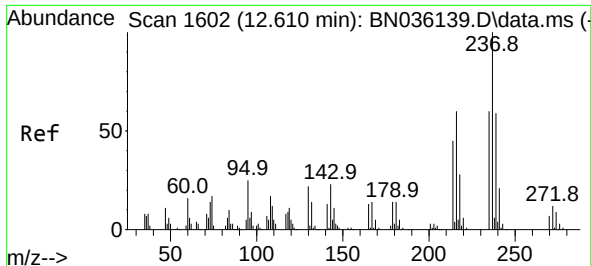
Tgt Ion:142 Resp: 544007
 Ion Ratio Lower Upper
 142 100
 141 90.9 74.7 112.1
 116 4.5 3.9 5.9



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.616 ng/ul
 RT: 12.628 min Scan# 1605
 Delta R.T. 0.006 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

Tgt Ion:216 Resp: 306177
 Ion Ratio Lower Upper
 216 100
 214 80.6 63.0 94.6
 179 21.7 18.6 27.8
 108 18.3 16.7 25.1

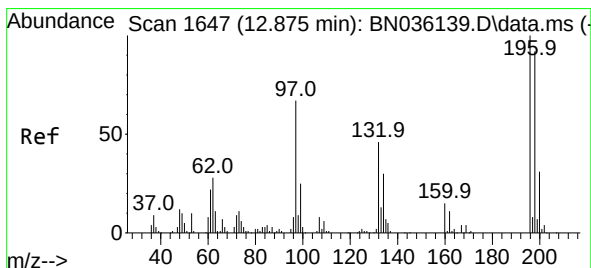
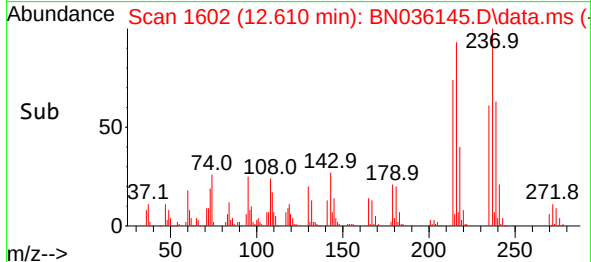
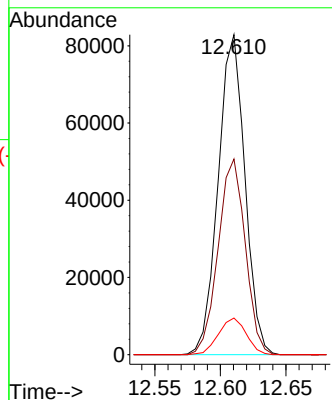
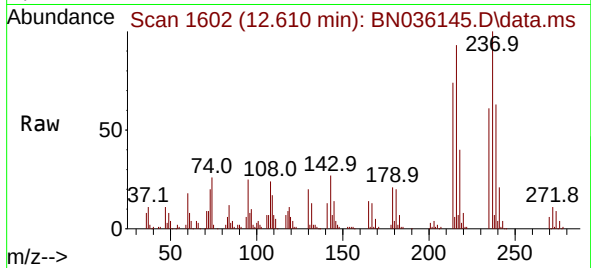




#40
Hexachlorocyclopentadiene
Concen: 21.078 ng/ul
RT: 12.610 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

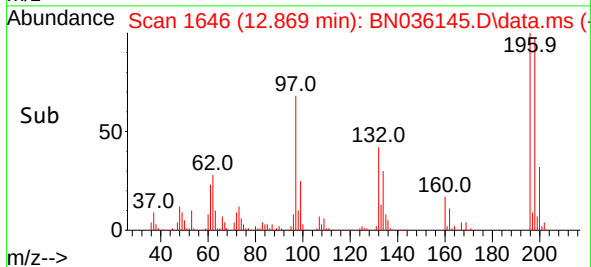
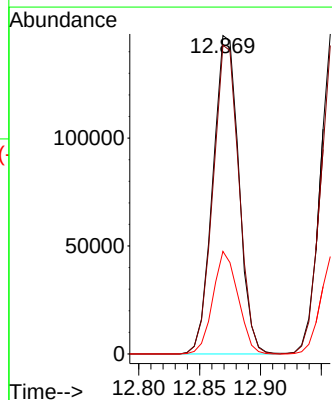
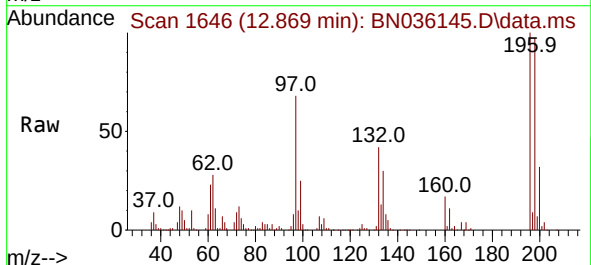
Instrument :
BNA_N
ClientSampleId :
E2947MSD

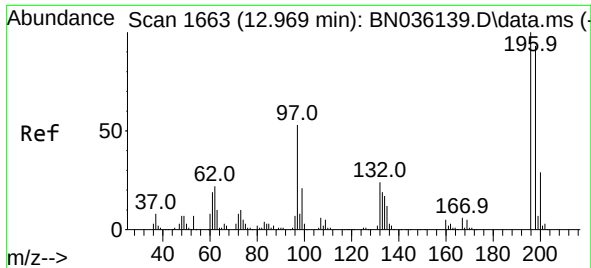
Tgt Ion:237 Resp: 117658
Ion Ratio Lower Upper
237 100
235 61.1 44.7 67.1
272 11.5 9.3 13.9



#41
2,4,6-Trichlorophenol
Concen: 33.946 ng/ul
RT: 12.869 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:196 Resp: 218894
Ion Ratio Lower Upper
196 100
198 97.0 81.8 122.6
200 32.2 25.0 37.4

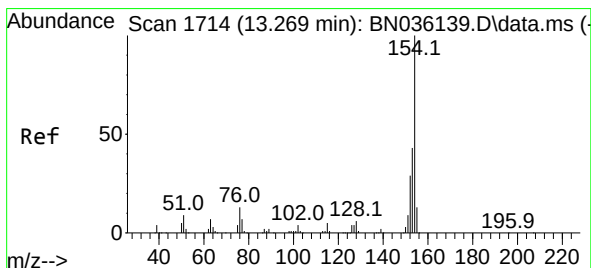
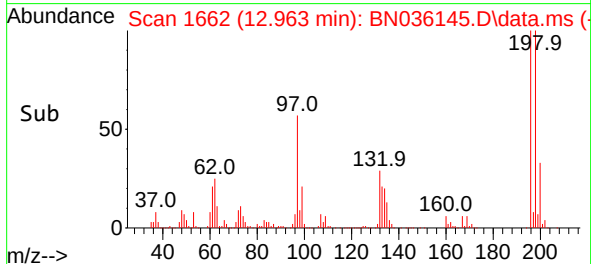
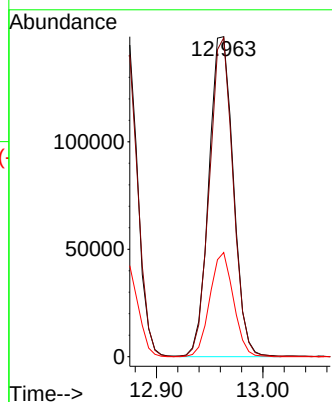
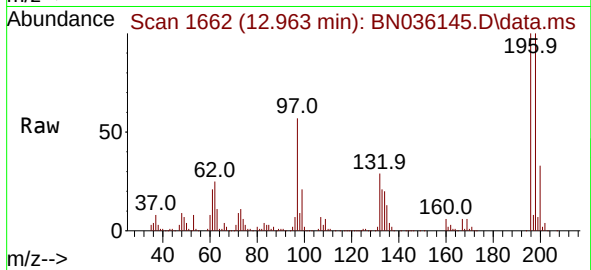




#42
2,4,5-Trichlorophenol
Concen: 34.048 ng/ul
RT: 12.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

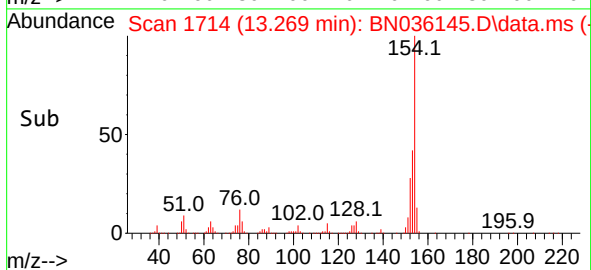
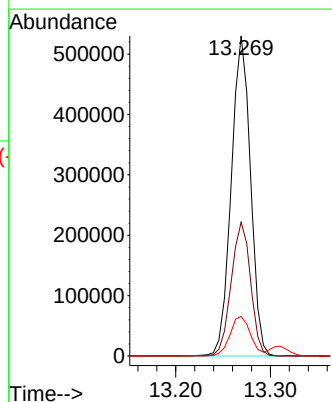
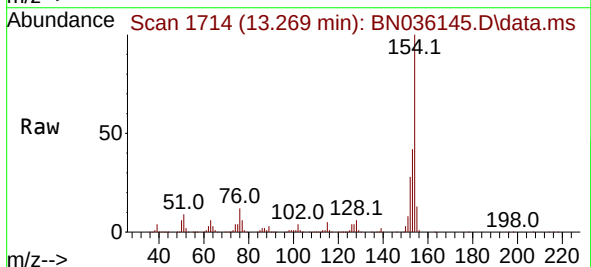
Instrument :
BNA_N
ClientSampleId :
E2947MSD

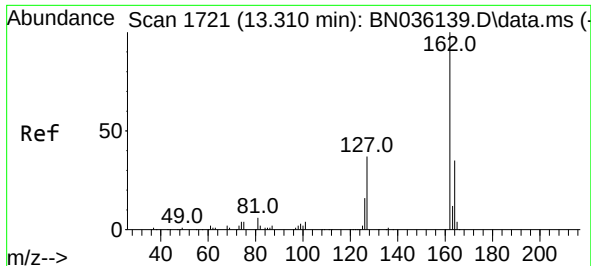
Tgt Ion:196 Resp: 237590
Ion Ratio Lower Upper
196 100
198 99.7 77.0 115.6
200 32.6 24.7 37.1



#43
1,1'-Biphenyl
Concen: 32.177 ng/ul
RT: 13.269 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:154 Resp: 747538
Ion Ratio Lower Upper
154 100
153 41.8 33.4 50.2
76 12.3 10.0 15.0

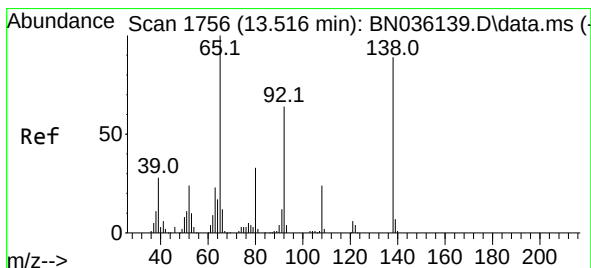
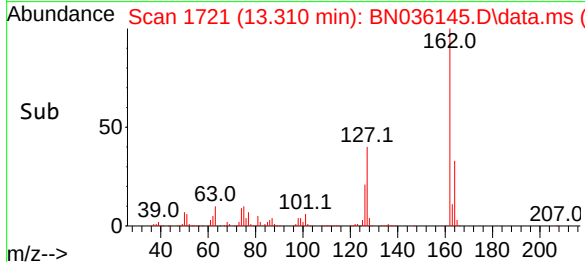
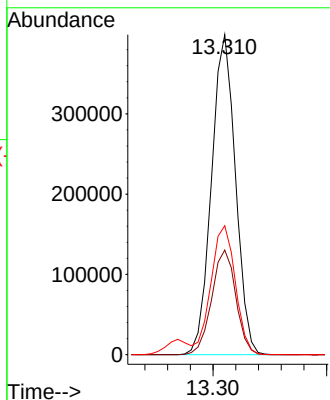
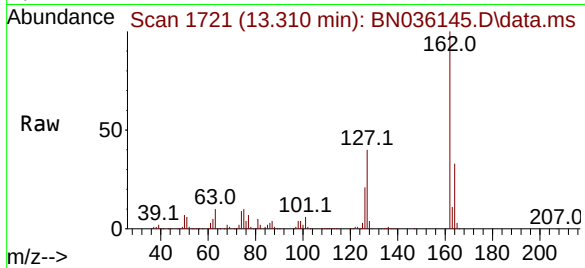




#44
2-Chloronaphthalene
Concen: 32.004 ng/ul
RT: 13.310 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

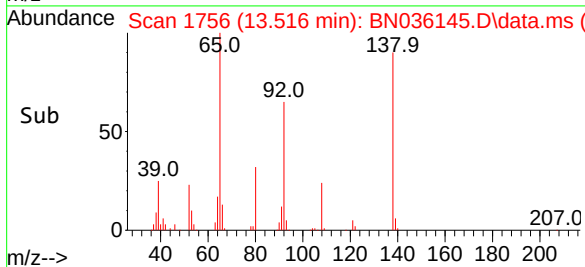
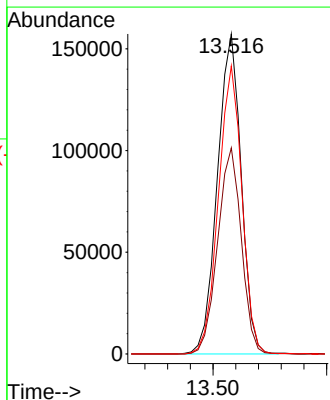
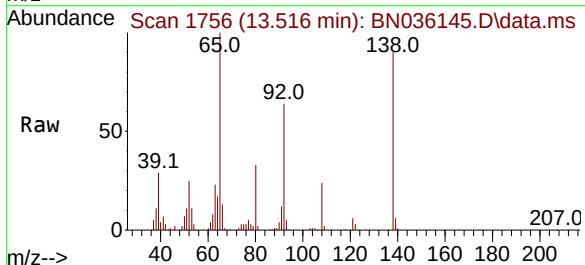
Instrument :
BNA_N
ClientSampleId :
E2947MSD

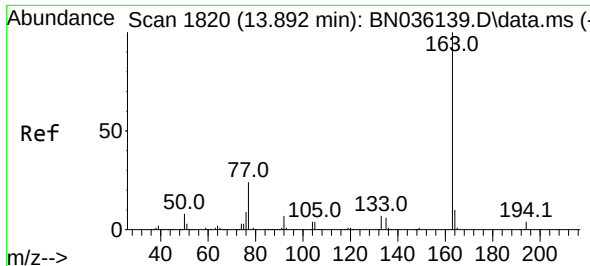
Tgt Ion:162 Resp: 584557
Ion Ratio Lower Upper
162 100
164 32.7 27.4 41.0
127 40.3 34.5 51.7



#45
2-Nitroaniline
Concen: 36.718 ng/ul
RT: 13.516 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion: 65 Resp: 228669
Ion Ratio Lower Upper
65 100
92 64.4 52.0 78.0
138 90.0 71.2 106.8

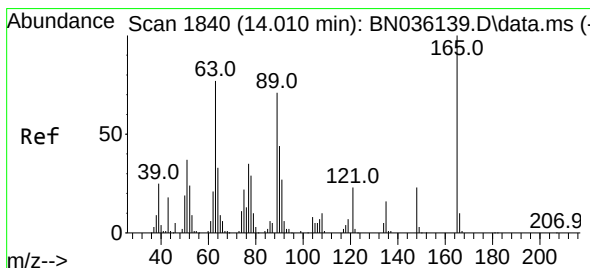
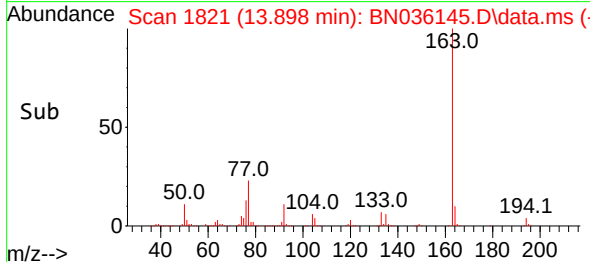
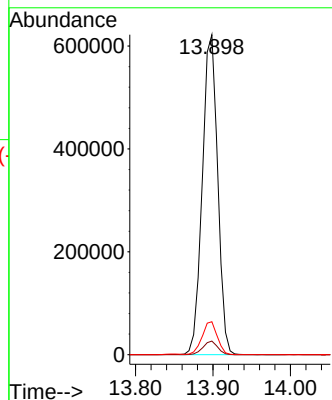
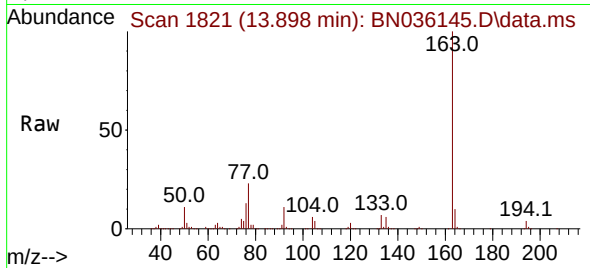




#47
Dimethylphthalate
Concen: 36.226 ng/ul
RT: 13.898 min Scan# 1821
Delta R.T. 0.006 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

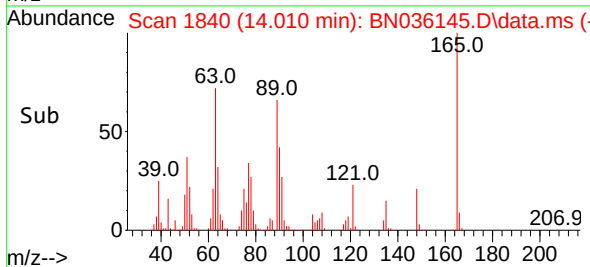
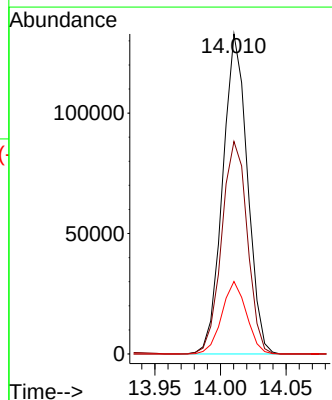
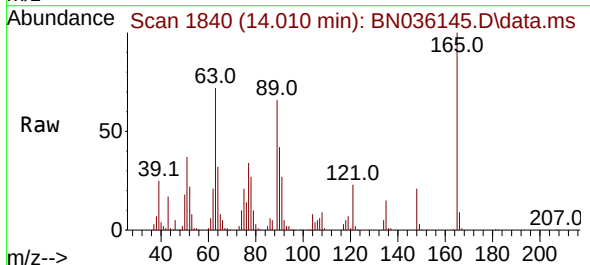
Instrument :
BNA_N
ClientSampleId :
E2947MSD

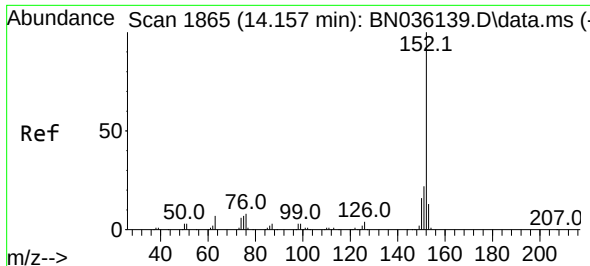
Tgt Ion:163 Resp: 856280
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.4 12.6



#48
2,6-Dinitrotoluene
Concen: 37.369 ng/ul
RT: 14.010 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:165 Resp: 174203
Ion Ratio Lower Upper
165 100
89 66.4 53.4 80.0
121 22.6 19.0 28.6

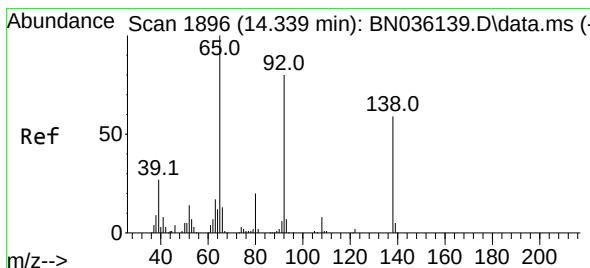
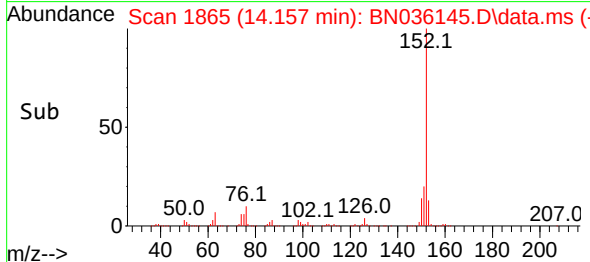
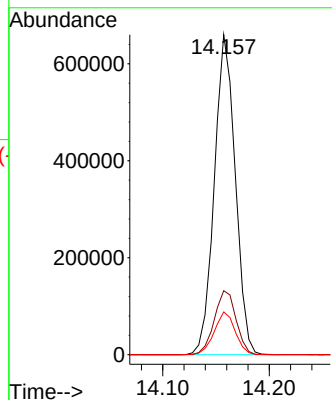
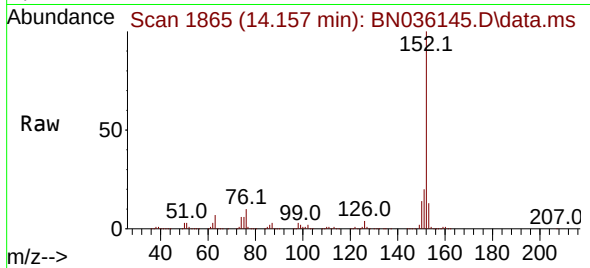




#50
Acenaphthylene
Concen: 32.597 ng/ul
RT: 14.157 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

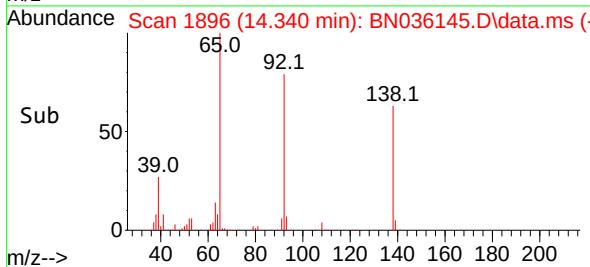
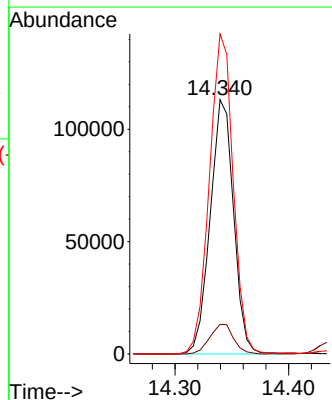
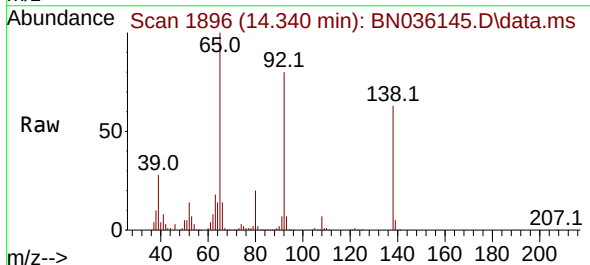
Instrument :
BNA_N
ClientSampleId :
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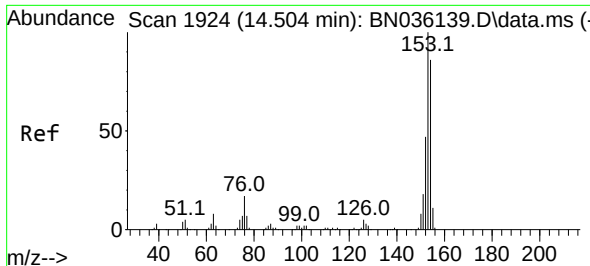
Tgt Ion:152 Resp: 901500
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.3 10.0 15.0



#51
3-Nitroaniline
Concen: 34.722 ng/ul
RT: 14.340 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:138 Resp: 162187
Ion Ratio Lower Upper
138 100
108 11.7 10.3 15.5
92 125.9 108.2 162.2

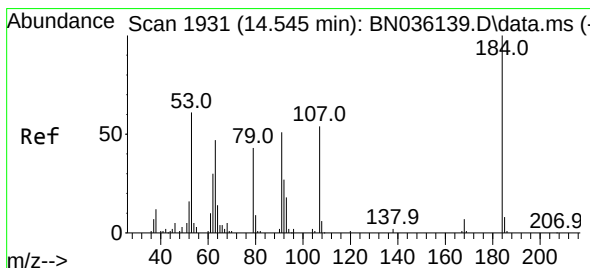
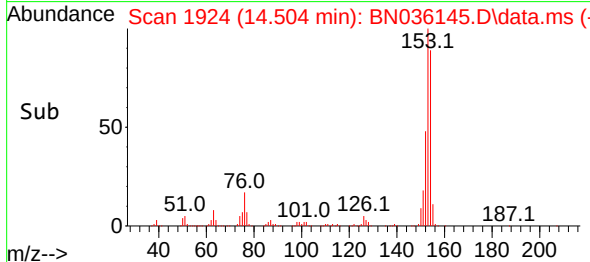
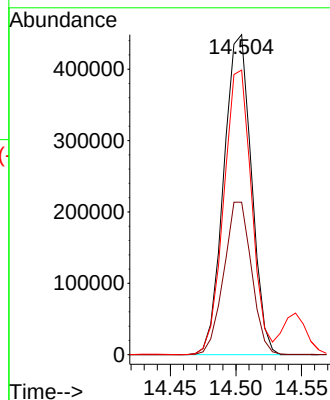
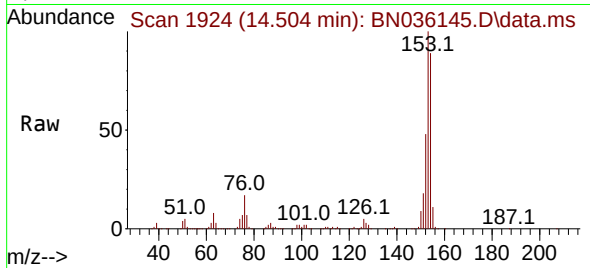




#52
Acenaphthene
Concen: 33.128 ng/ul
RT: 14.504 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

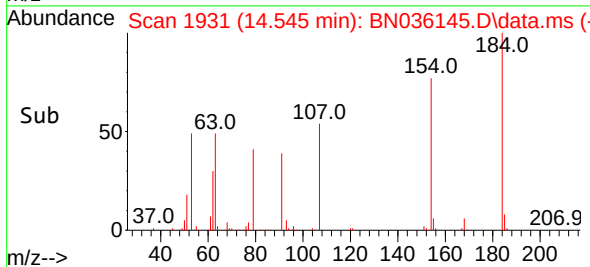
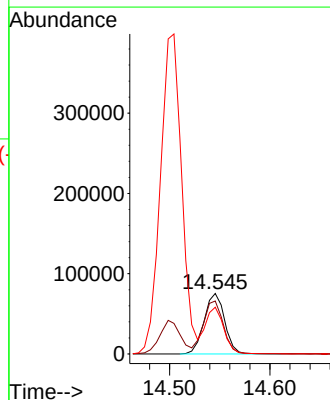
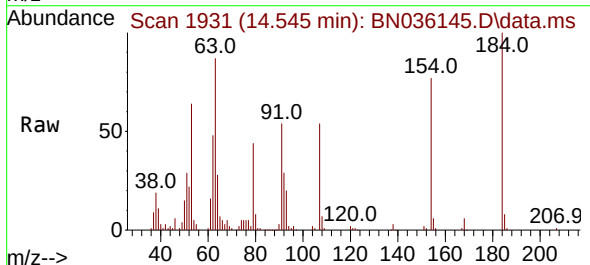
Instrument :
BNA_N
ClientSampleId :
E2947MSD

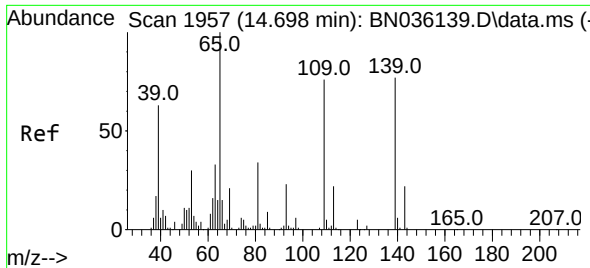
Tgt Ion:153 Resp: 659546
Ion Ratio Lower Upper
153 100
152 47.6 38.1 57.1
154 88.9 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 36.714 ng/ul
RT: 14.545 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:184 Resp: 107539
Ion Ratio Lower Upper
184 100
63 87.5 62.0 93.0
154 77.3 53.0 79.6

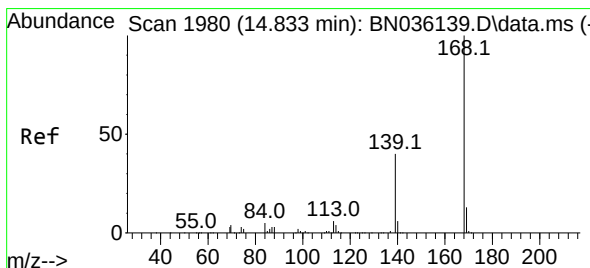
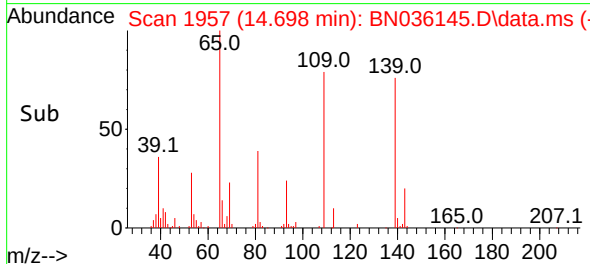
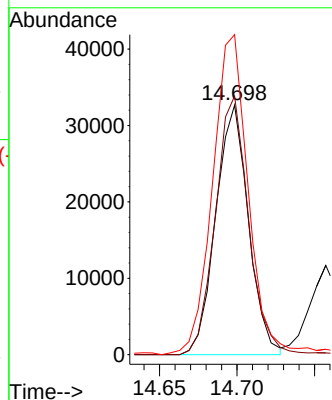
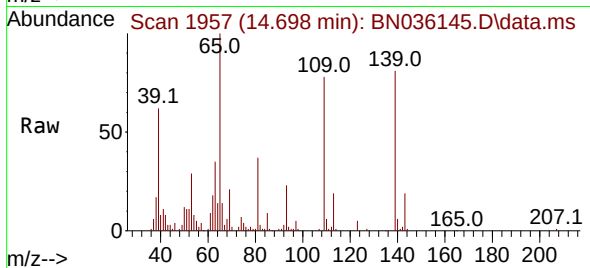




#55
4-Nitrophenol
Concen: 11.016 ng/ul
RT: 14.698 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

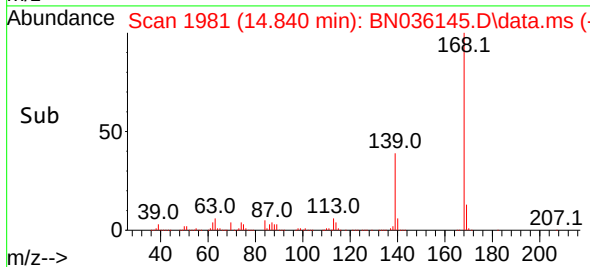
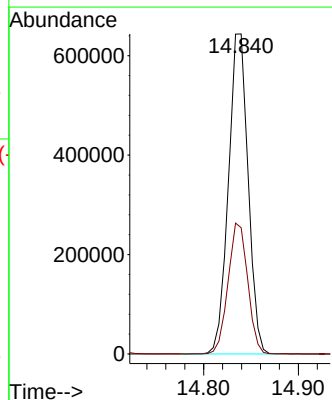
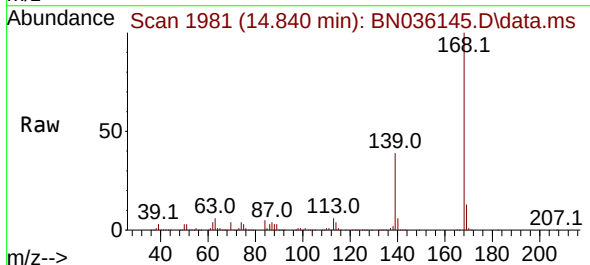
Instrument :
BNA_N
ClientSampleId :
E2947MSD

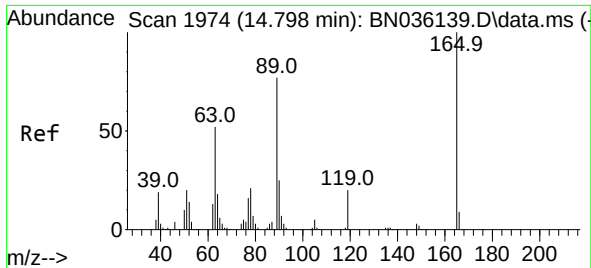
Tgt Ion:109 Resp: 47844
Ion Ratio Lower Upper
109 100
139 103.7 79.3 118.9
65 128.2 97.7 146.5



#56
Dibenzofuran
Concen: 33.770 ng/ul
RT: 14.840 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:168 Resp: 930751
Ion Ratio Lower Upper
168 100
139 39.5 33.8 50.8

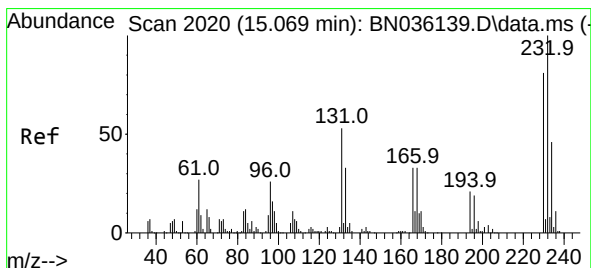
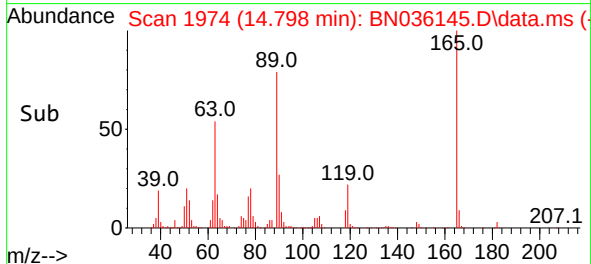
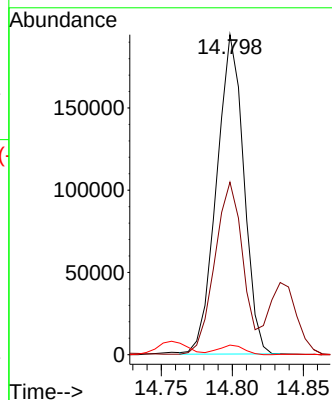
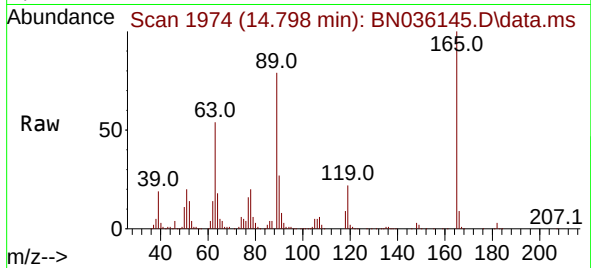




#57
2,4-Dinitrotoluene
Concen: 36.977 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

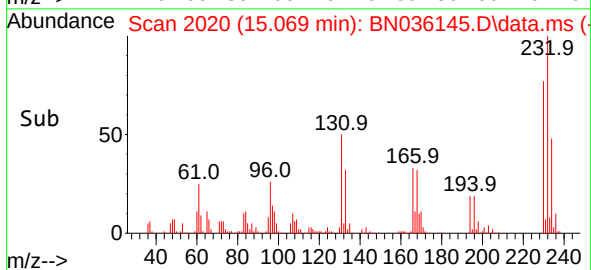
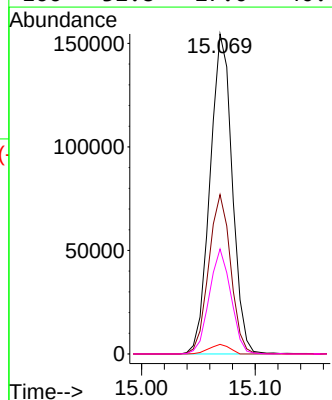
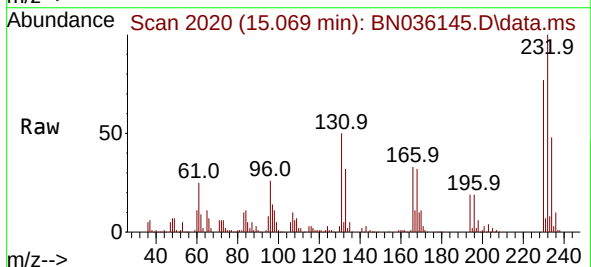
Instrument :
BNA_N
ClientSampleId :
E2947MSD

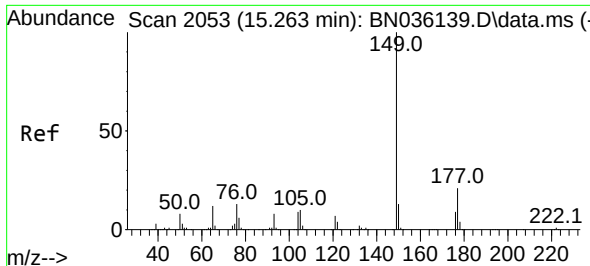
Tgt Ion:165 Resp: 257928
Ion Ratio Lower Upper
165 100
63 53.9 43.8 65.8
182 3.0 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.040 ng/ul
RT: 15.069 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:232 Resp: 209940
Ion Ratio Lower Upper
232 100
131 49.8 40.0 60.0
130 3.0 3.0 4.4
166 32.8 27.0 40.4

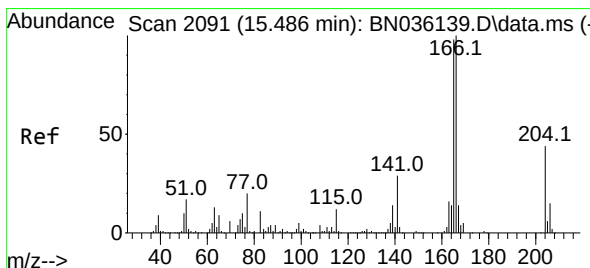
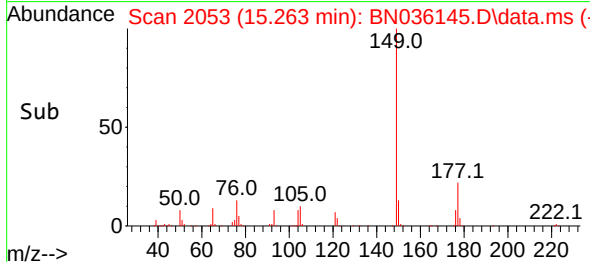
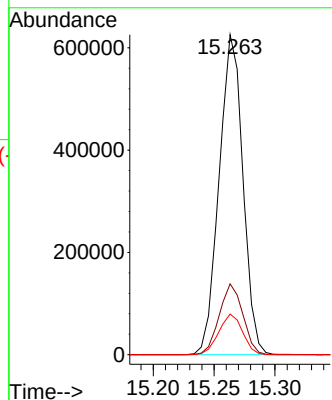
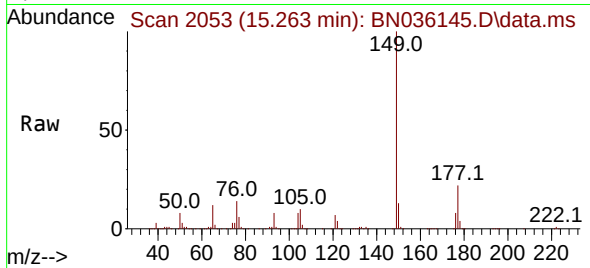




#59
Diethylphthalate
Concen: 34.880 ng/ul
RT: 15.263 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

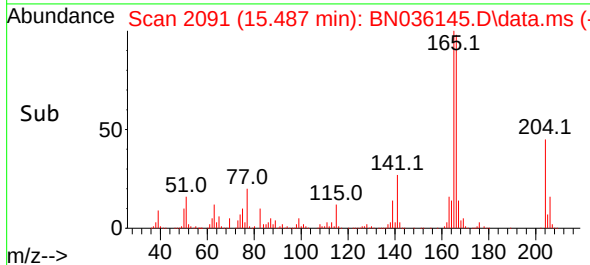
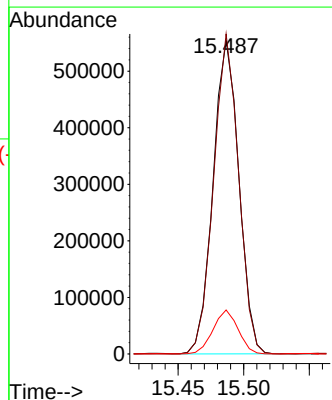
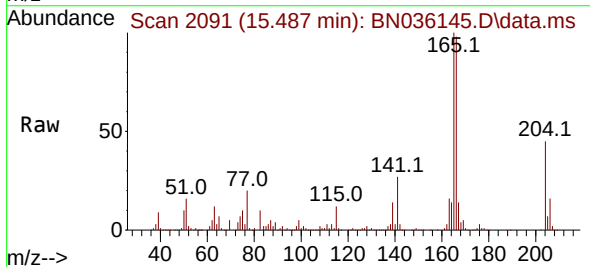
Instrument :
BNA_N
ClientSampleId :
E2947MSD

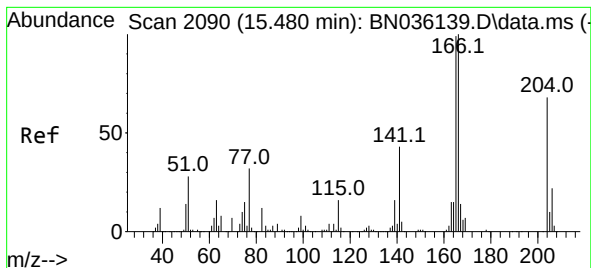
Tgt Ion:149 Resp: 850469
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 12.7 9.8 14.8



#61
Fluorene
Concen: 33.923 ng/ul
RT: 15.487 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:166 Resp: 758217
Ion Ratio Lower Upper
166 100
165 102.1 79.8 119.8
167 14.0 11.2 16.8

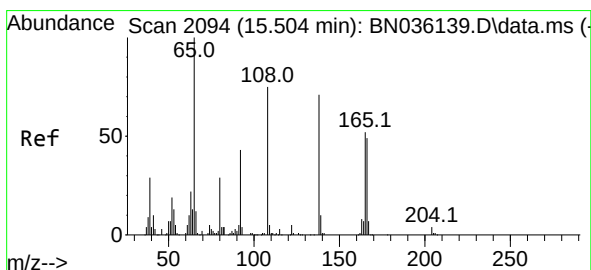
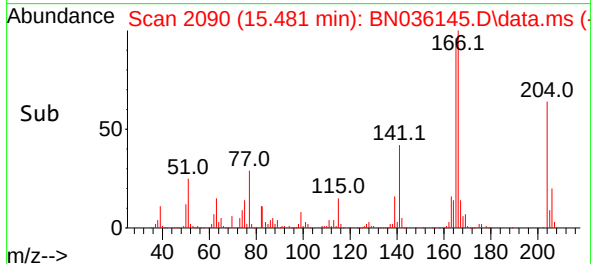
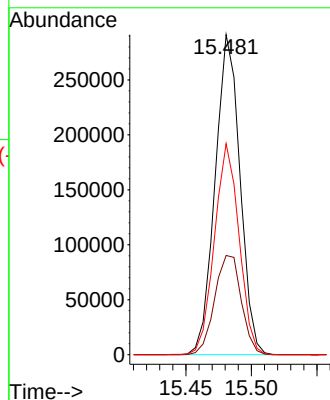
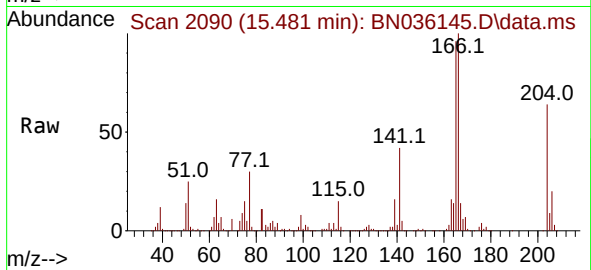




#62
4-Chlorophenyl-phenylether
Concen: 33.167 ng/ul
RT: 15.481 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

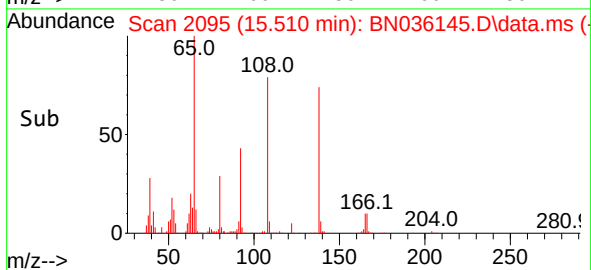
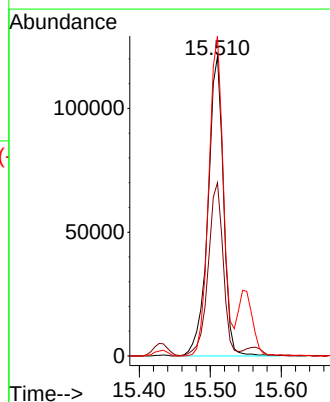
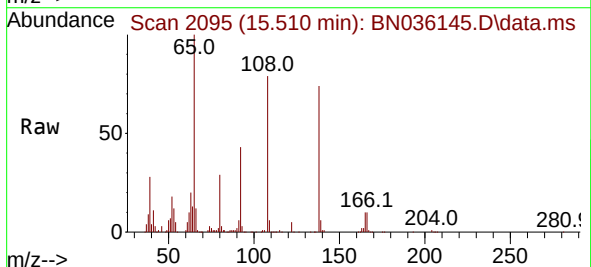
Instrument :
BNA_N
ClientSampleId :
E2947MSD

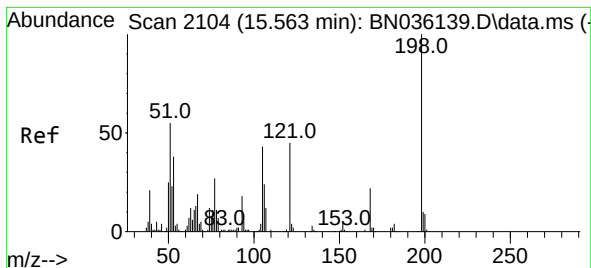
Tgt Ion:204 Resp: 383282
Ion Ratio Lower Upper
204 100
206 31.0 25.5 38.3
141 65.9 51.0 76.4



#63
4-Nitroaniline
Concen: 40.227 ng/ul
RT: 15.510 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:138 Resp: 183836
Ion Ratio Lower Upper
138 100
92 57.8 47.2 70.8
108 106.9 93.0 139.6

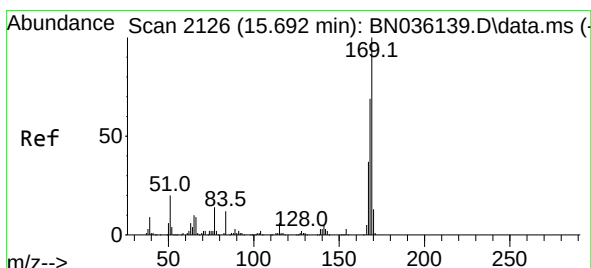
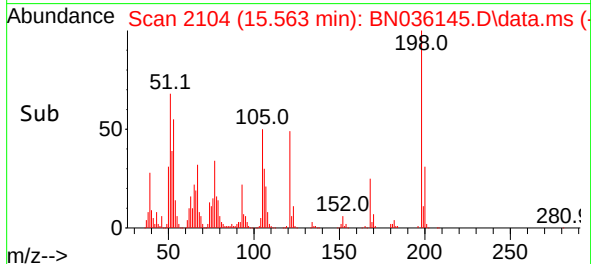
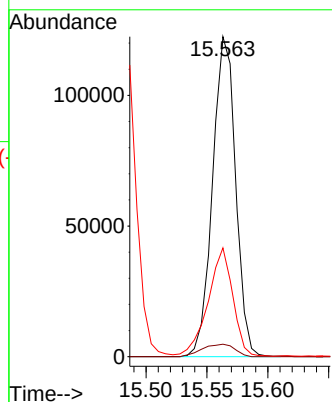
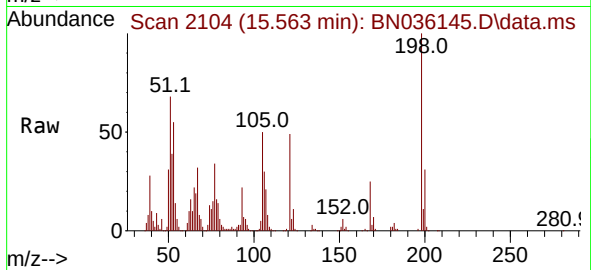




#66
 4,6-Dinitro-2-methylphenol
 Concen: 36.731 ng/ul
 RT: 15.563 min Scan# 2104
 Delta R.T. -0.000 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

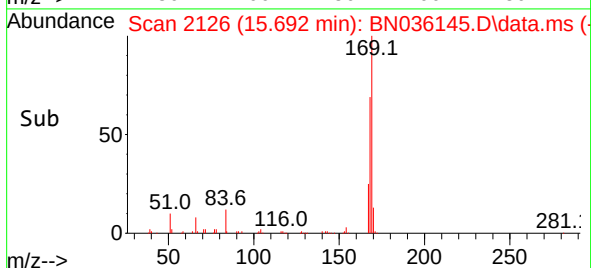
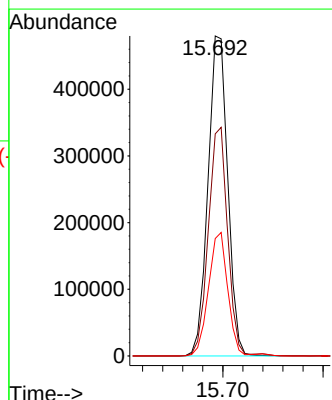
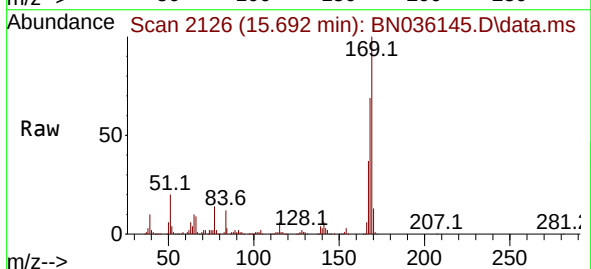
Instrument :
 BNA_N
 ClientSampleId :
 E2947MSD

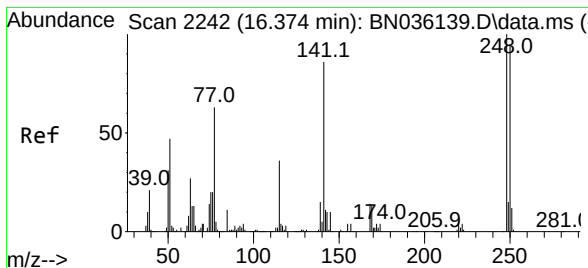
Tgt Ion:198 Resp: 161268
 Ion Ratio Lower Upper
 198 100
 182 3.9 3.5 5.3
 77 34.0 24.6 36.8



#67
 N-Nitrosodiphenylamine
 Concen: 34.521 ng/ul
 RT: 15.692 min Scan# 2126
 Delta R.T. -0.000 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

Tgt Ion:169 Resp: 654545
 Ion Ratio Lower Upper
 169 100
 168 69.4 55.1 82.7
 167 36.7 30.3 45.5

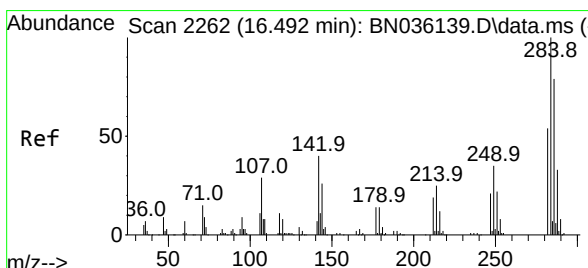
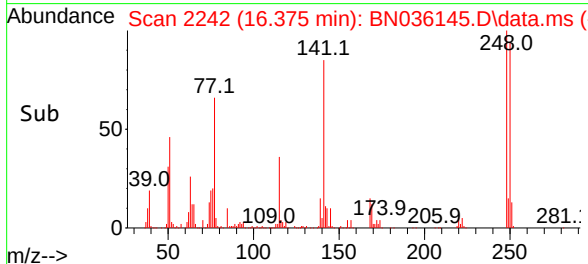
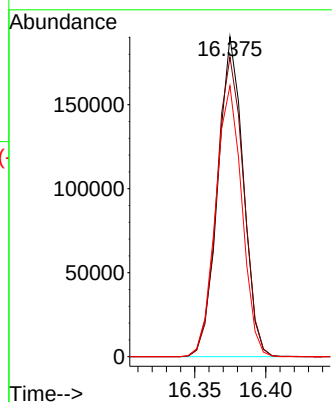
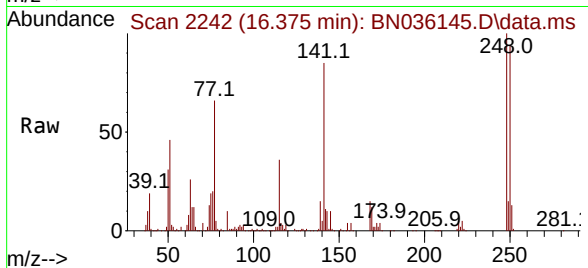




#68
4-Bromophenyl-phenylether
Concen: 35.445 ng/ul
RT: 16.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

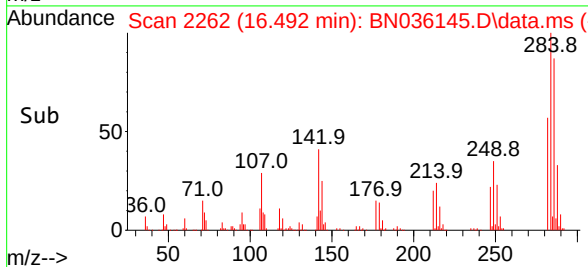
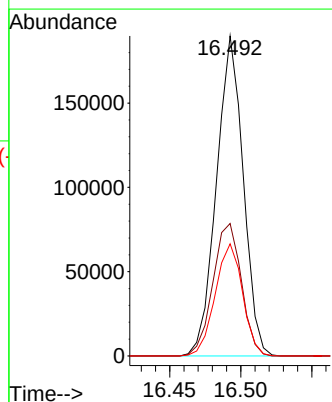
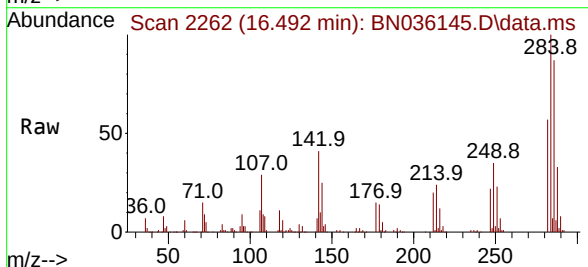
Instrument :
BNA_N
ClientSampleId :
E2947MSD

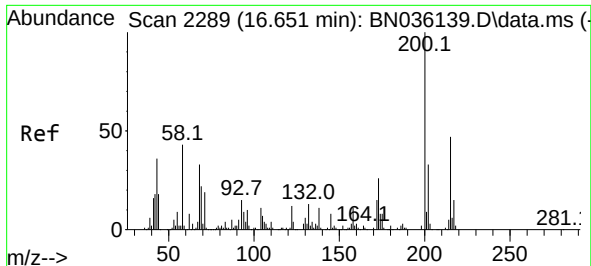
Tgt Ion:248 Resp: 237243
Ion Ratio Lower Upper
248 100
250 93.6 73.0 109.6
141 84.6 65.8 98.8



#69
Hexachlorobenzene
Concen: 34.102 ng/ul
RT: 16.492 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:284 Resp: 249004
Ion Ratio Lower Upper
284 100
142 41.4 32.6 48.8
249 35.1 25.4 38.2

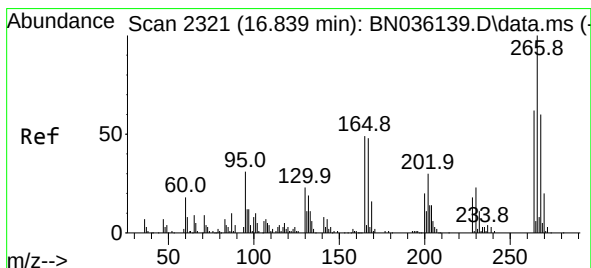
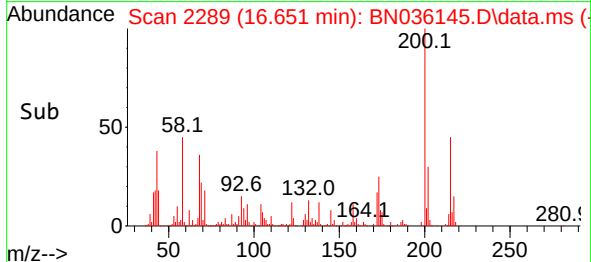
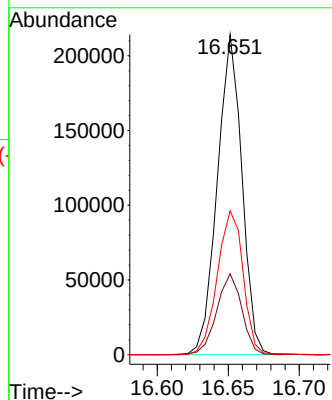
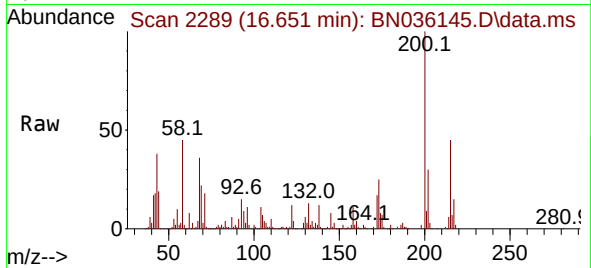




#70
 Atrazine
 Concen: 34.469 ng/ul
 RT: 16.651 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

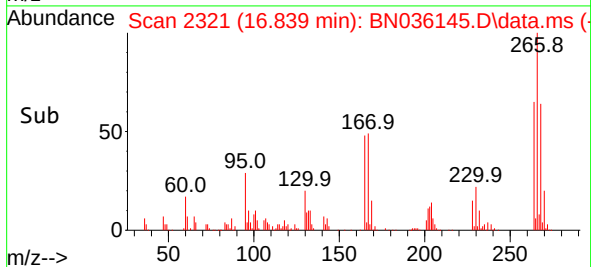
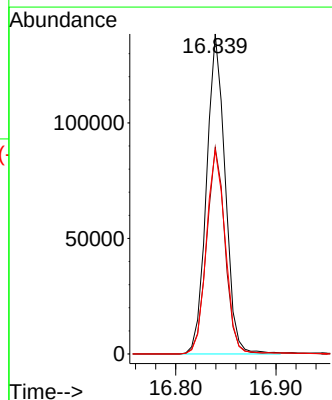
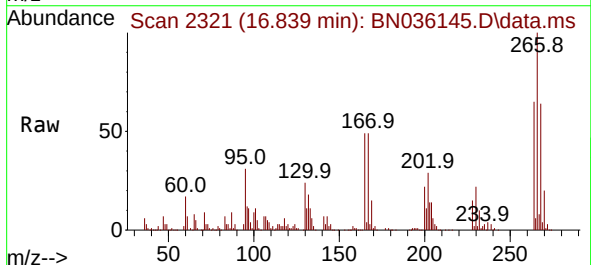
Instrument :
 BNA_N
 ClientSampleId :
 E2947MSD

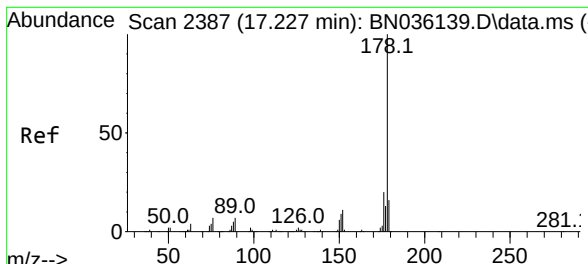
Tgt Ion:200 Resp: 257592
 Ion Ratio Lower Upper
 200 100
 173 25.3 21.6 32.4
 215 45.0 38.4 57.6



#71
 Pentachlorophenol
 Concen: 35.914 ng/ul
 RT: 16.839 min Scan# 2321
 Delta R.T. -0.000 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

Tgt Ion:266 Resp: 179008
 Ion Ratio Lower Upper
 266 100
 264 64.5 49.4 74.2
 268 63.7 47.8 71.6



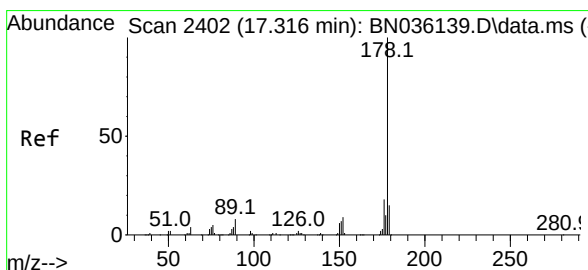
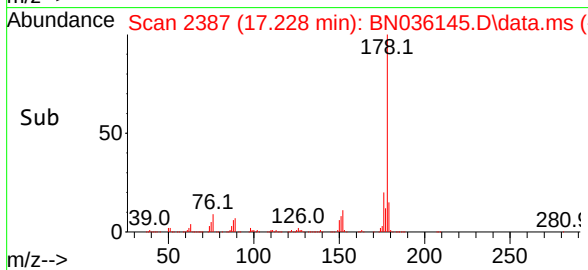
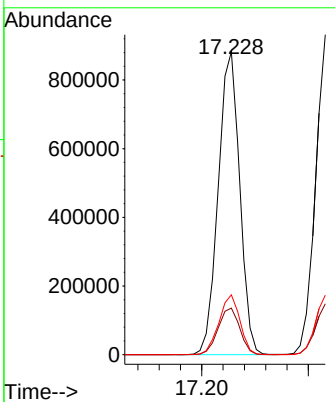
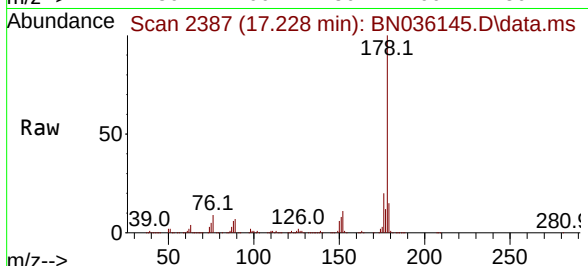


#72
 Phenanthrene
 Concen: 35.227 ng/ul
 RT: 17.228 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

Instrument :
 BNA_N
 ClientSampleId :
 E2947MSD

Tgt Ion:178 Resp: 1233870

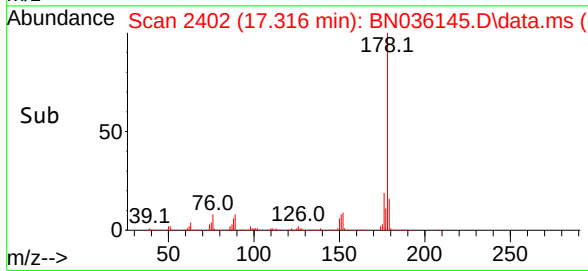
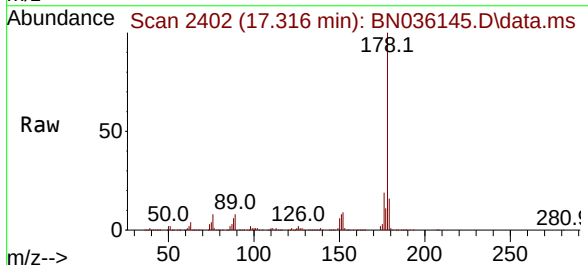
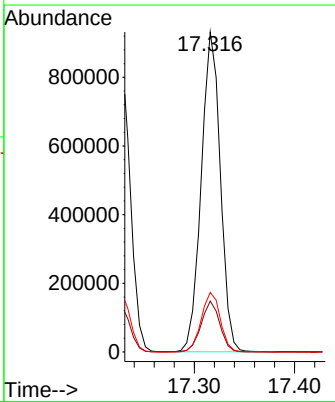
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.7	15.4	23.2

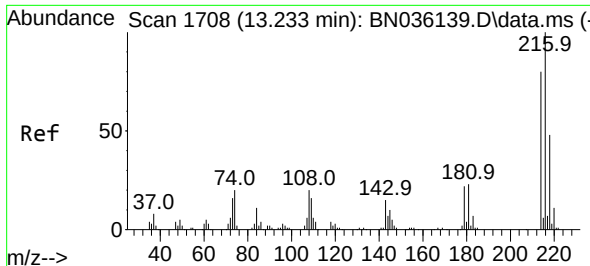


#74
 Anthracene
 Concen: 35.064 ng/ul
 RT: 17.316 min Scan# 2402
 Delta R.T. -0.000 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

Tgt Ion:178 Resp: 1235857

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.6	15.1	22.7

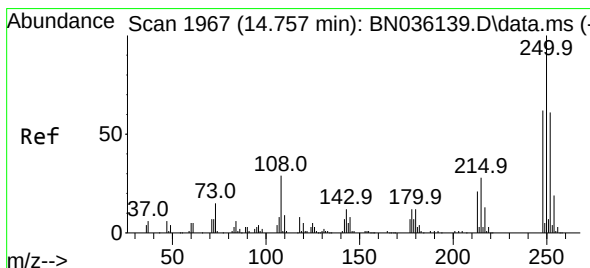
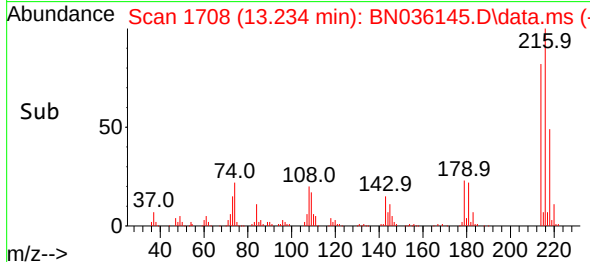
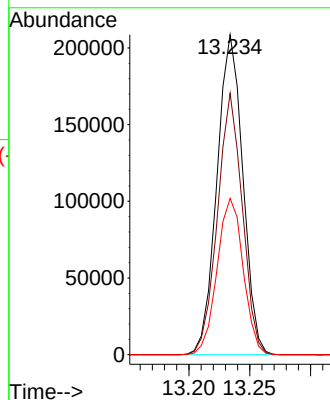
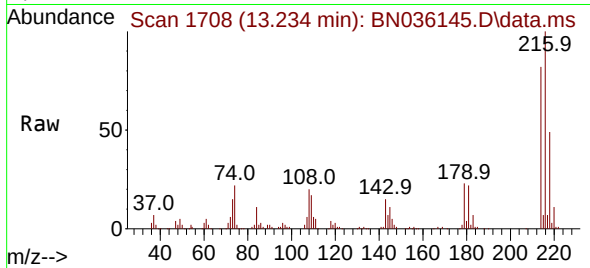




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.739 ng/uL
RT: 13.234 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

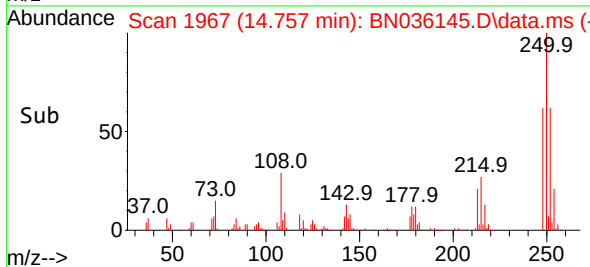
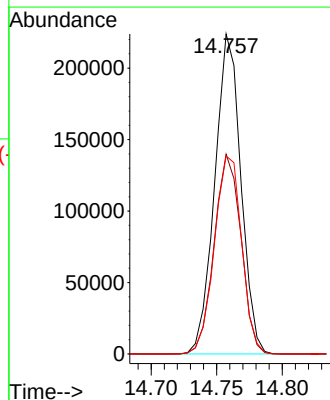
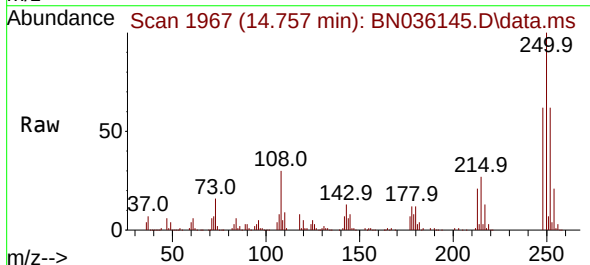
Instrument :
BNA_N
ClientSampleId :
E2947MSD

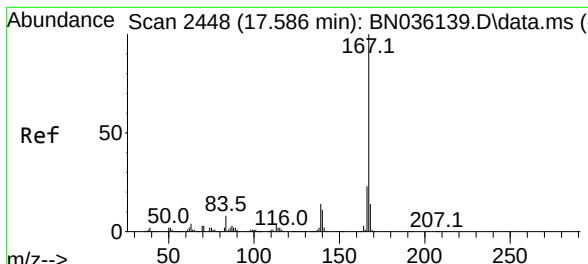
Tgt Ion:216 Resp: 308584
Ion Ratio Lower Upper
216 100
214 81.7 62.6 94.0
218 48.9 37.4 56.0



#76
Pentachlorobenzene
Concen: 32.647 ng/uL
RT: 14.757 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:250 Resp: 310108
Ion Ratio Lower Upper
250 100
248 62.4 49.1 73.7
252 61.9 46.2 69.2



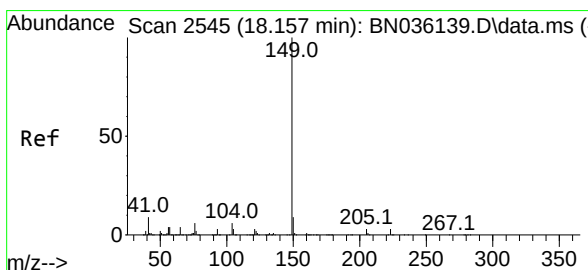
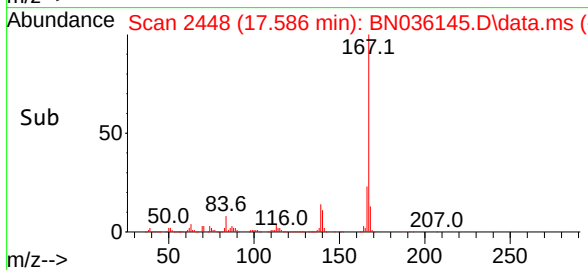
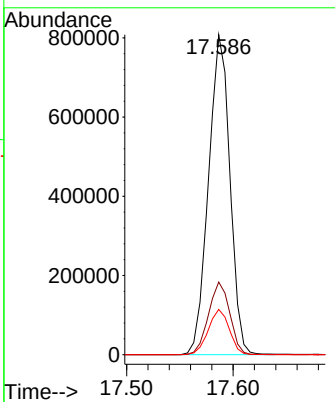
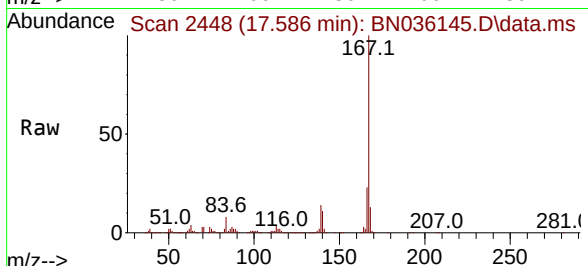


#77
 Carbazole
 Concen: 36.487 ng/ul
 RT: 17.586 min Scan# 2448
 Delta R.T. -0.000 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

Instrument :
 BNA_N
 ClientSampleId :
 E2947MSD

Tgt Ion:167 Resp: 1128135

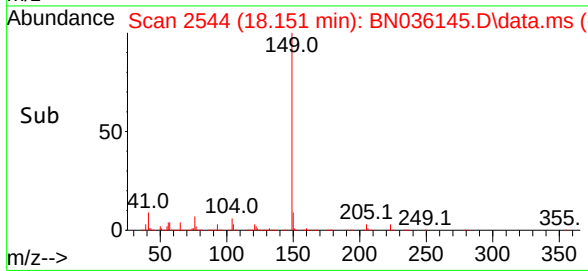
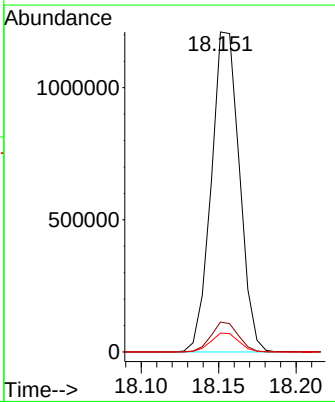
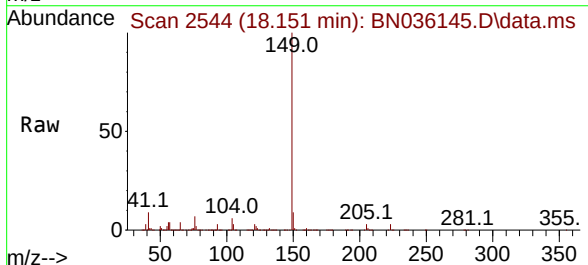
Ion	Ratio	Lower	Upper
167	100		
166	22.7	16.8	25.2
139	14.2	10.5	15.7

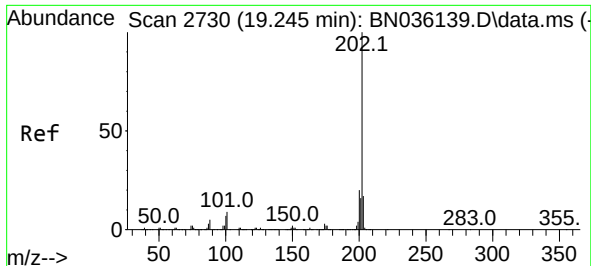


#78
 Di-n-butylphthalate
 Concen: 37.109 ng/ul
 RT: 18.151 min Scan# 2544
 Delta R.T. -0.006 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

Tgt Ion:149 Resp: 1528329

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.2	10.8
104	5.9	4.9	7.3

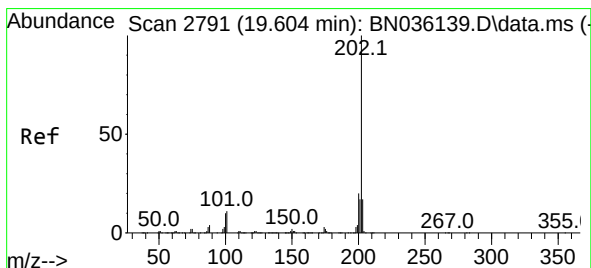
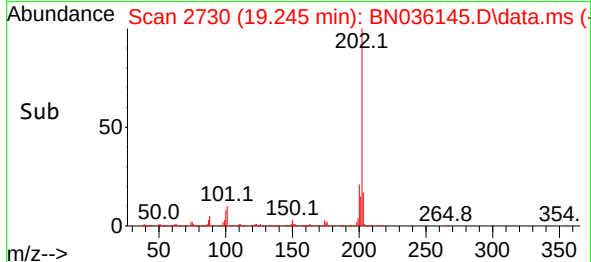
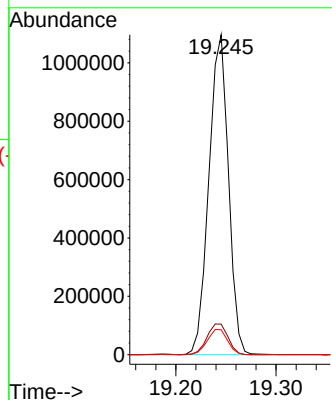
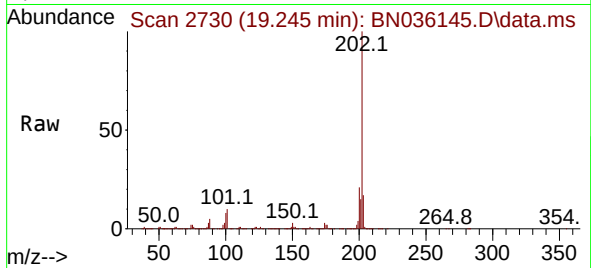




#80
 Fluoranthene
 Concen: 36.825 ng/u1
 RT: 19.245 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

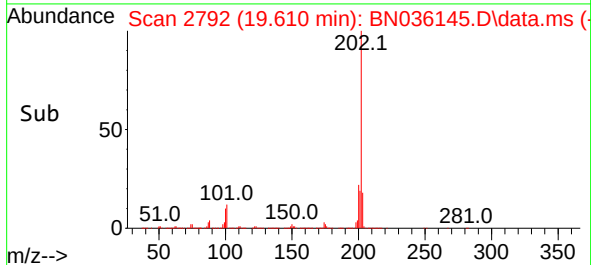
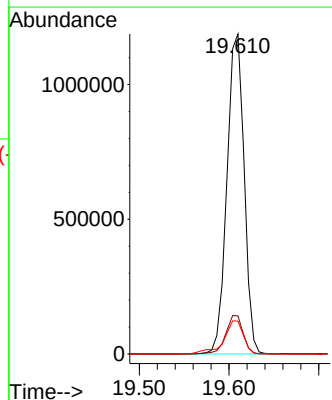
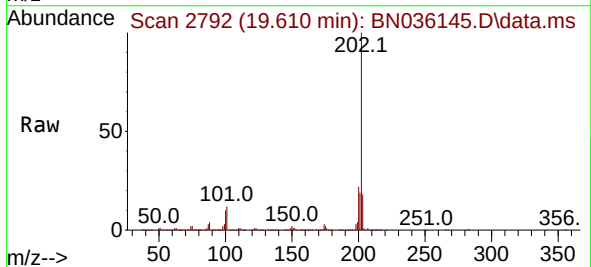
Instrument :
 BNA_N
 ClientSampleId :
 E2947MSD

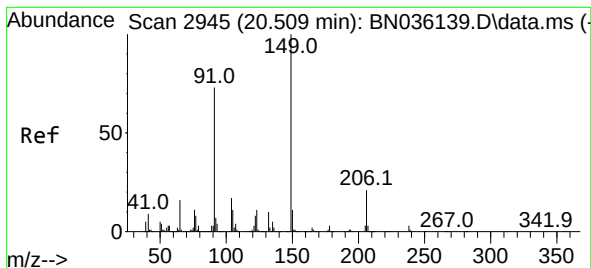
Tgt Ion:202 Resp: 1487745
 Ion Ratio Lower Upper
 202 100
 101 9.6 8.4 12.6
 100 7.8 7.0 10.6



#82
 Pyrene
 Concen: 36.889 ng/u1
 RT: 19.610 min Scan# 2792
 Delta R.T. 0.006 min
 Lab File: BN036145.D
 Acq: 30 Jan 2025 22:57

Tgt Ion:202 Resp: 1579919
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.4 14.0
 100 10.2 8.1 12.1





#83

Butylbenzylphthalate

Concen: 36.783 ng/ul

RT: 20.510 min Scan# 2945

Delta R.T. -0.000 min

Lab File: BN036145.D

Acq: 30 Jan 2025 22:57

Instrument :

BNA_N

ClientSampleId :

E2947MSD

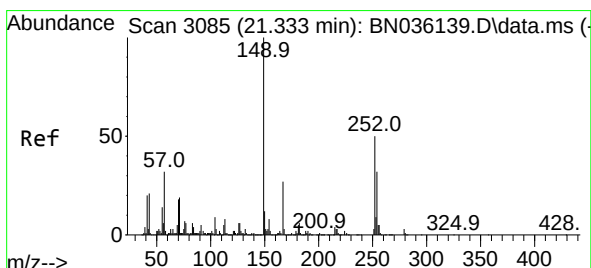
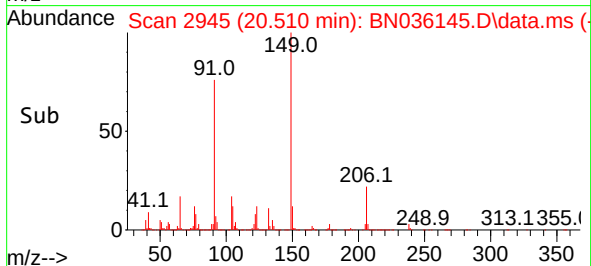
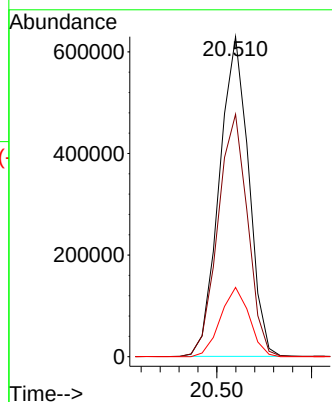
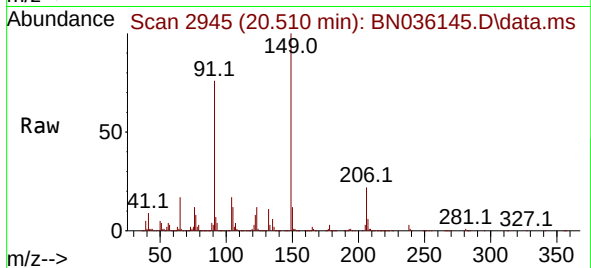
Tgt Ion:149 Resp: 677448

Ion Ratio Lower Upper

149 100

91 75.8 60.2 90.4

206 21.7 16.3 24.5



#84

3,3'-Dichlorobenzidine

Concen: 36.628 ng/ul

RT: 21.333 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BN036145.D

Acq: 30 Jan 2025 22:57

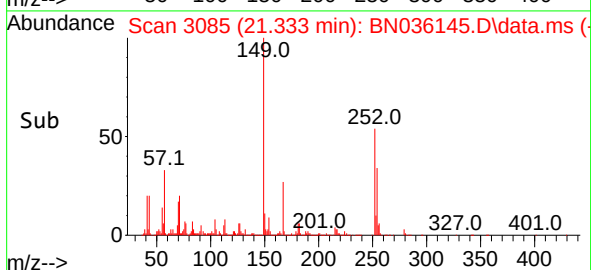
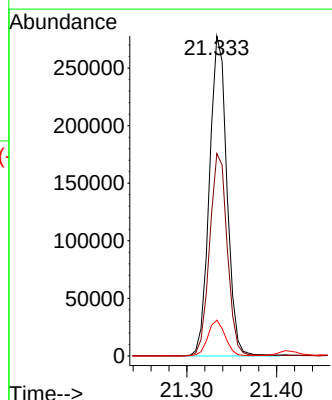
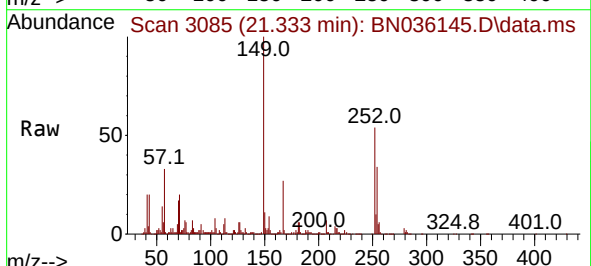
Tgt Ion:252 Resp: 375659

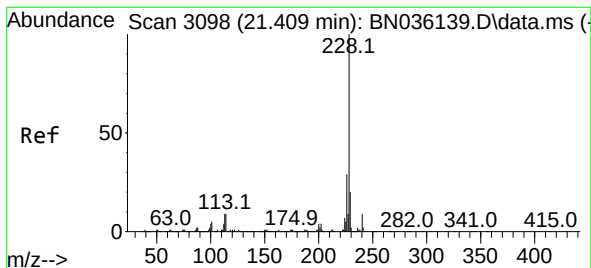
Ion Ratio Lower Upper

252 100

254 63.3 52.3 78.5

126 11.2 9.0 13.6





#85

Benzo(a)anthracene

Concen: 34.802 ng/ul

RT: 21.410 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BN036145.D

Acq: 30 Jan 2025 22:57

Instrument :

BNA_N

ClientSampleId :

E2947MSD

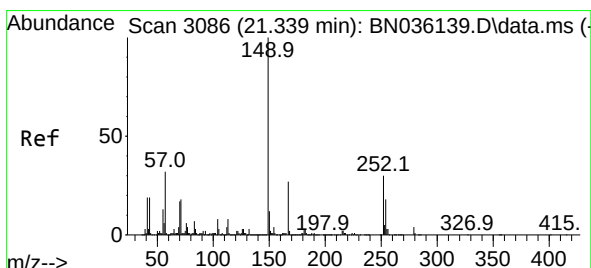
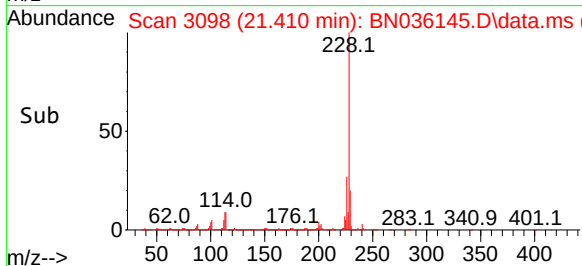
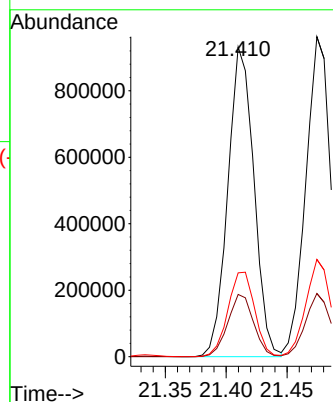
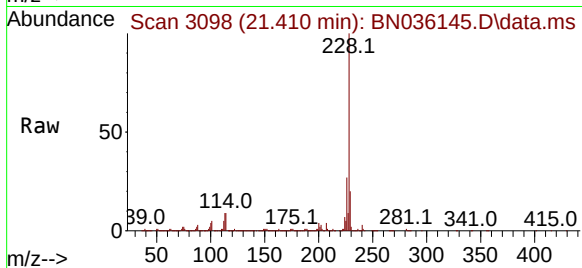
Tgt Ion:228 Resp: 1389504

Ion Ratio Lower Upper

228 100

229 20.1 16.2 24.4

226 27.1 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.797 ng/ul

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BN036145.D

Acq: 30 Jan 2025 22:57

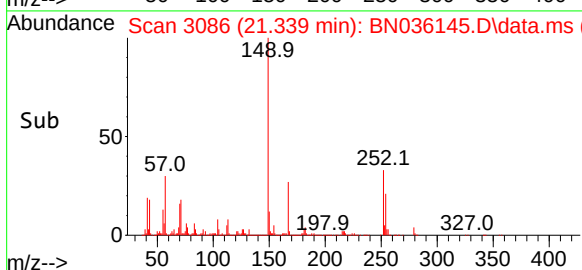
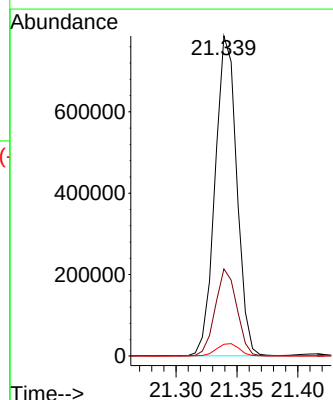
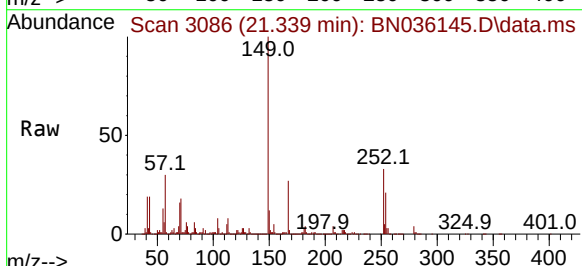
Tgt Ion:149 Resp: 973660

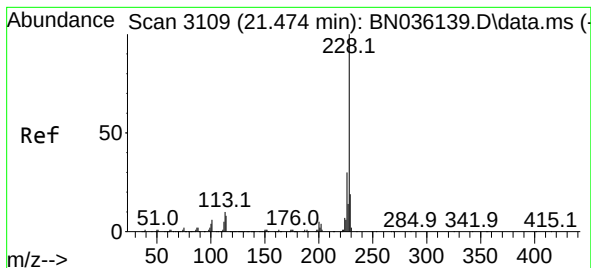
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 3.6 3.0 4.6





#87

Chrysene

Concen: 36.237 ng/ul

RT: 21.475 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BN036145.D

Acq: 30 Jan 2025 22:57

Instrument :

BNA_N

ClientSampleId :

E2947MSD

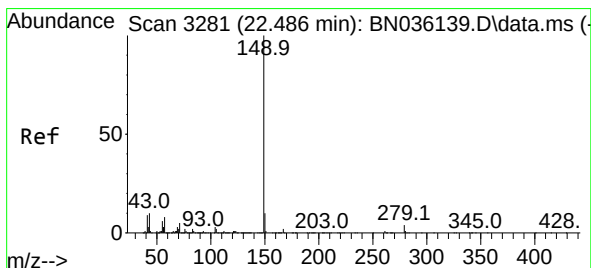
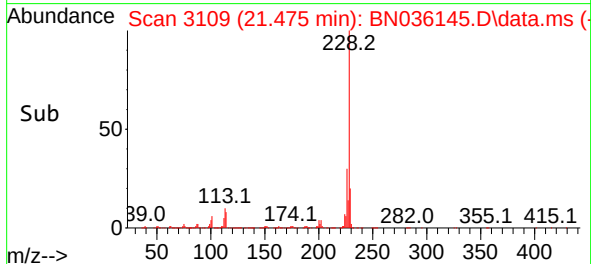
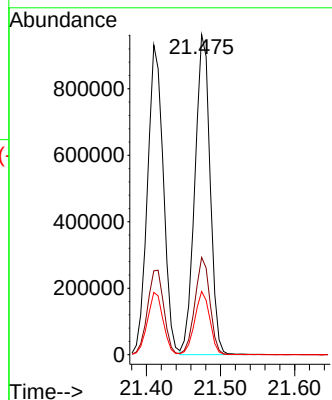
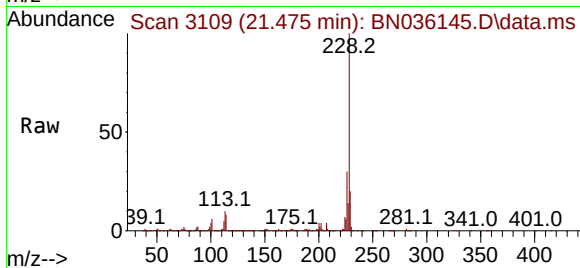
Tgt Ion:228 Resp: 1371775

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.2

229 19.7 15.0 22.4



#89

Di-n-octyl phthalate

Concen: 36.184 ng/ul

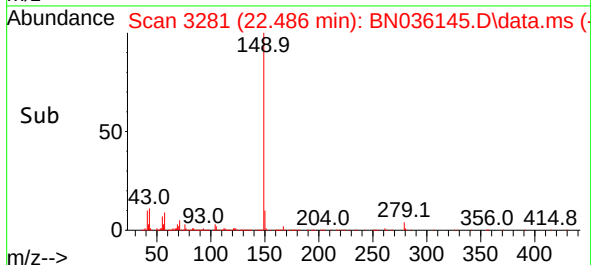
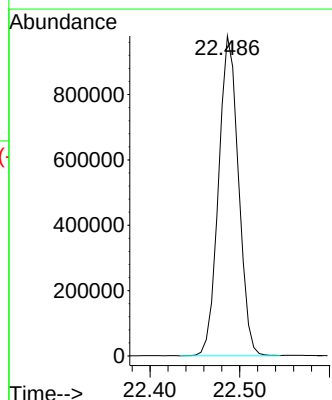
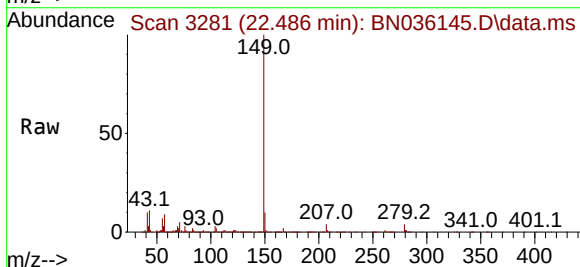
RT: 22.486 min Scan# 3281

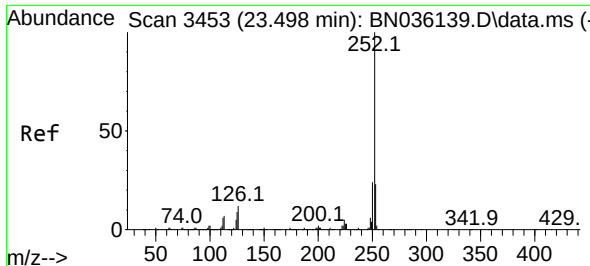
Delta R.T. -0.000 min

Lab File: BN036145.D

Acq: 30 Jan 2025 22:57

Tgt Ion:149 Resp: 1507759

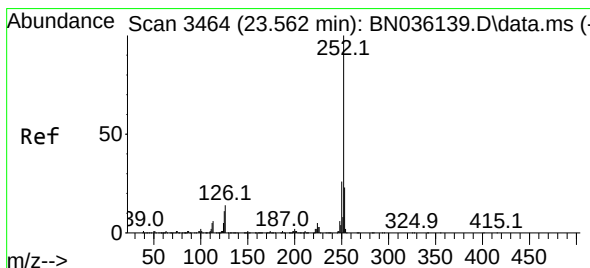
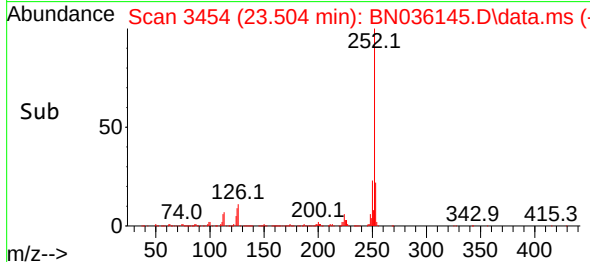
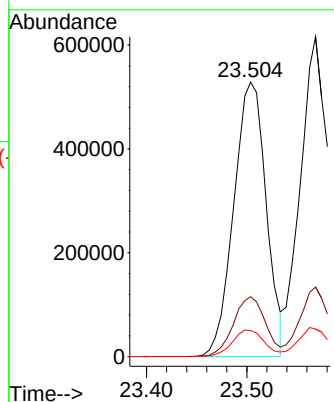
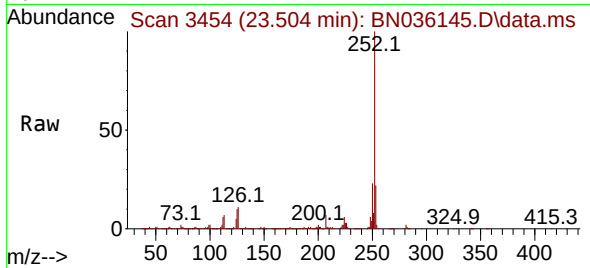




#90
Benzo(b)fluoranthene
Concen: 35.446 ng/ul
RT: 23.504 min Scan# 3453
Delta R.T. -0.000 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

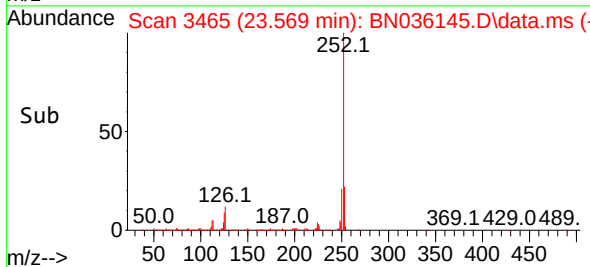
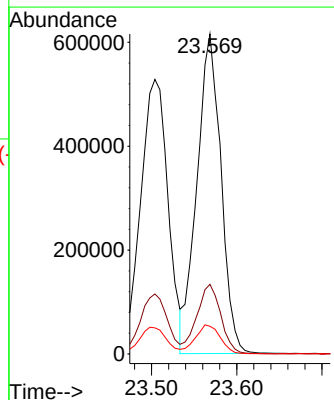
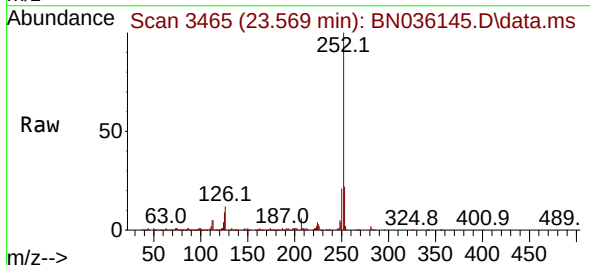
Instrument :
BNA_N
ClientSampleId :
E2947MSD

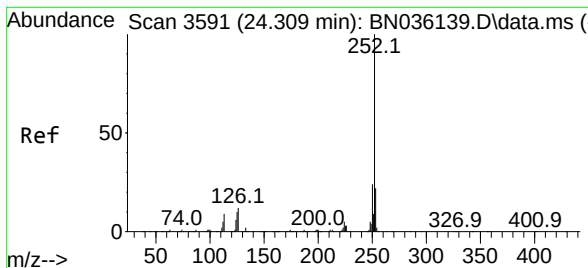
Tgt Ion:252 Resp: 1188449
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.5 7.9 11.9



#91
Benzo(k)fluoranthene
Concen: 36.135 ng/ul
RT: 23.569 min Scan# 3465
Delta R.T. 0.006 min
Lab File: BN036145.D
Acq: 30 Jan 2025 22:57

Tgt Ion:252 Resp: 1206345
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 8.7 7.3 10.9





#93

Benzo(a)pyrene

Concen: 36.985 ng/ul

RT: 24.321 min Scan# 3593

Delta R.T. 0.006 min

Lab File: BN036145.D

Acq: 30 Jan 2025 22:57

Instrument :

BNA_N

ClientSampleId :

E2947MSD

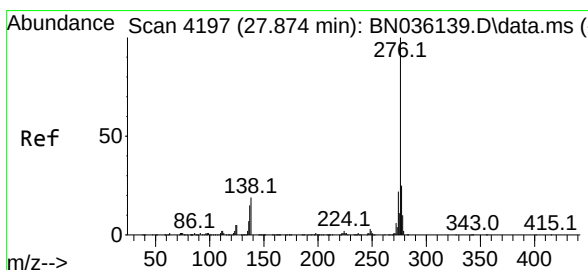
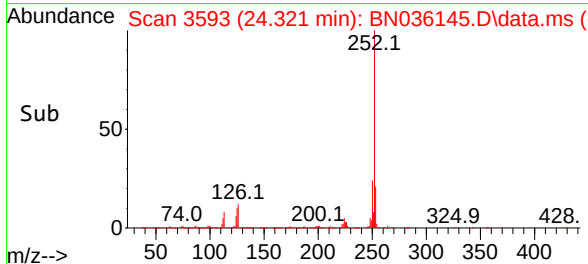
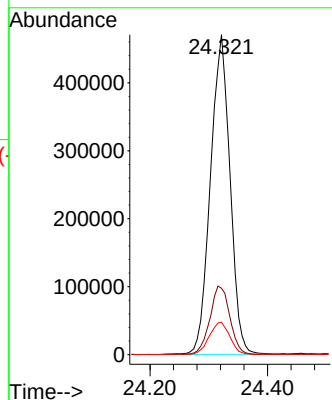
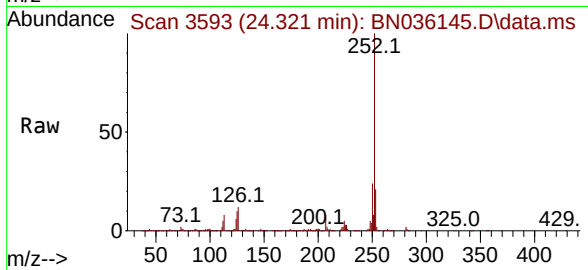
Tgt Ion:252 Resp: 1083815

Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.6

125 10.2 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.735 ng/ul

RT: 27.880 min Scan# 4198

Delta R.T. -0.000 min

Lab File: BN036145.D

Acq: 30 Jan 2025 22:57

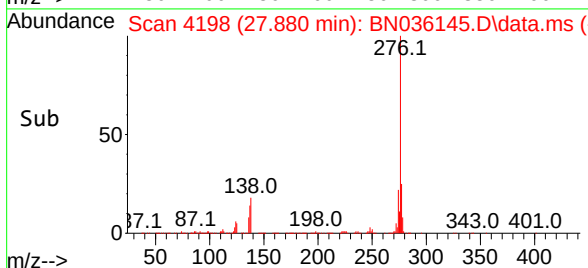
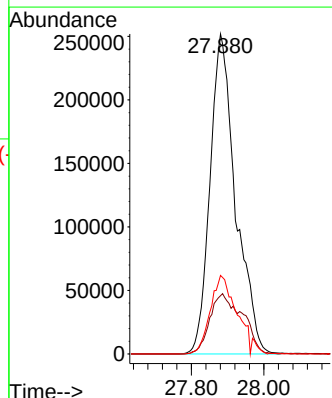
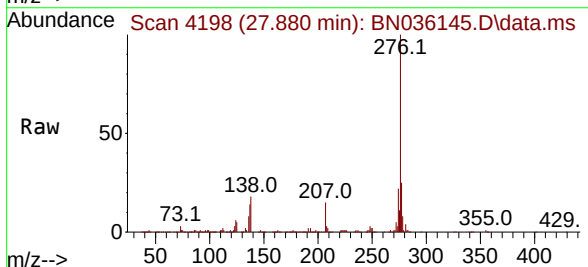
Tgt Ion:276 Resp: 1235038

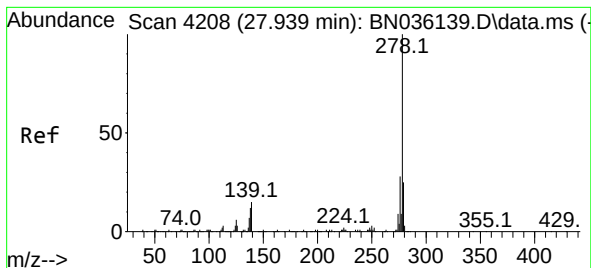
Ion Ratio Lower Upper

276 100

138 18.2 15.8 23.6

277 24.6 19.0 28.6





#95

Dibenzo(a,h)anthracene

Concen: 39.057 ng/ul

RT: 27.945 min Scan# 4380

Delta R.T. -0.000 min

Lab File: BN036145.D

Acq: 30 Jan 2025 22:57

Instrument :

BNA_N

ClientSampleId :

E2947MSD

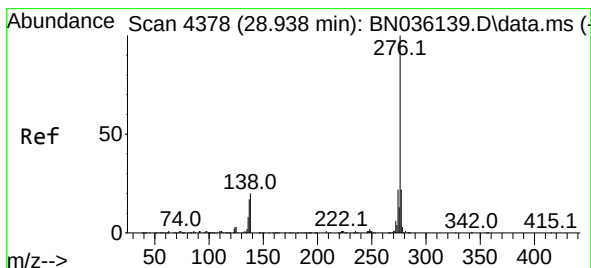
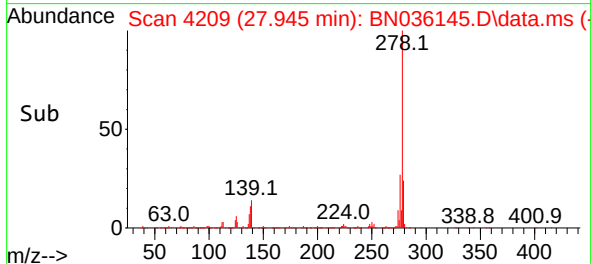
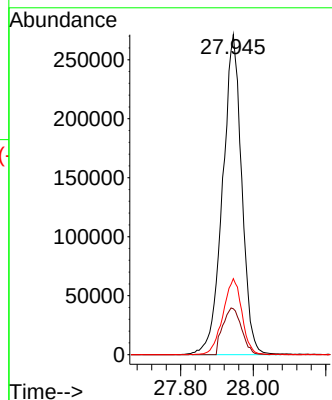
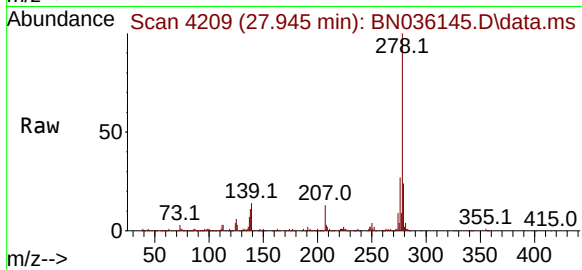
Tgt Ion:278 Resp: 993214

Ion Ratio Lower Upper

278 100

139 14.4 12.4 18.6

279 23.7 20.5 30.7



#96

Benzo(g,h,i)perylene

Concen: 39.740 ng/ul

RT: 28.951 min Scan# 4380

Delta R.T. 0.018 min

Lab File: BN036145.D

Acq: 30 Jan 2025 22:57

Tgt Ion:276 Resp: 964371

Ion Ratio Lower Upper

276 100

138 18.8 16.0 24.0

277 23.9 17.9 26.9

