

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
 Data File : BN036153.D
 Acq On : 31 Jan 2025 04:11
 Operator : RC/JU
 Sample : PB166340BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS340

Quant Time: Jan 31 07:38:04 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	95096	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	356845	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	220868	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	407191	20.000	ng/u1	0.00
79) Chrysene-d12	21.428	240	382674	20.000	ng/u1	0.00
88) Perylene-d12	24.451	264	411294	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	13286	5.693	ng/uL	0.00
4) Pyridine-d5	3.681	84	190655	28.682	ng/u1	0.00
7) Phenol-d5	6.987	99	212207	26.929	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	140278	27.740	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	174296	28.251	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	167416	26.445	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	82317	28.733	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	91257	28.074	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	164621	28.049	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.722	131	195459	25.349	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	452079	27.141	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	520976	28.090	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	76234	26.520	ng/u1	-0.02
60) Fluorene-d10	15.428	176	379087	27.189	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.546	200	76035	28.214	ng/u1	0.00
73) Anthracene-d10	17.281	188	566342	28.632	ng/u1	0.00
81) Pyrene-d10	19.575	212	595858	26.145	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.251	264	607094	28.071	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	27565	11.058	ng/uL	99
5) Pyridine	3.699	79	189439	28.060	ng/u1	99
6) Benzaldehyde	6.934	77	47732	10.145	ng/u1	96
8) Phenol	7.017	94	217172	26.694	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.217	93	173336	27.112	ng/u1	96
12) 2-Chlorophenol	7.369	128	174645	27.771	ng/u1	97
13) 2-Methylphenol	8.252	108	157858	26.278	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.316	45	270248	27.692	ng/u1	98
16) Acetophenone	8.616	105	260900	25.277	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.605	70	139073	25.590	ng/u1	98
18) 4-Methylphenol	8.581	108	173106	26.410	ng/u1	97
19) Hexachloroethane	8.875	117	81513	28.057	ng/u1	95
22) Nitrobenzene	8.993	77	220404	27.914	ng/u1	99
23) Isophorone	9.522	82	369963	26.437	ng/u1	99
25) 2-Nitrophenol	9.699	139	95608	27.489	ng/u1	97
26) 2,4-Dimethylphenol	9.775	107	189820	26.788	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.999	93	222552	27.095	ng/u1	99
29) 2,4-Dichlorophenol	10.252	162	161883	27.378	ng/u1	97
30) Naphthalene	10.640	128	527495	27.476	ng/u1	99
32) 4-Chloroaniline	10.746	127	111188	14.940	ng/u1	100
33) Hexachlorobutadiene	10.928	225	122409	28.361	ng/u1	96
34) Caprolactam	11.528	113	44378	23.190	ng/u1	96
35) 4-Chloro-3-methylphenol	11.899	107	173779	25.583	ng/u1	99
36) 2-Methylnaphthalene	12.252	142	359728	26.731	ng/u1	97

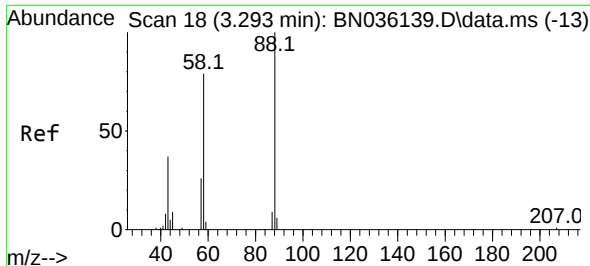
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	355173	26.865	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.622	216	199559	28.277	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	111783	28.377	ng/ul	89
41) 2,4,6-Trichlorophenol	12.869	196	126442	27.786	ng/ul	95
42) 2,4,5-Trichlorophenol	12.957	196	134278	27.268	ng/ul	99
43) 1,1'-Biphenyl	13.269	154	463454	28.269	ng/ul	98
44) 2-Chloronaphthalene	13.304	162	364949	28.314	ng/ul	97
45) 2-Nitroaniline	13.510	65	121509	27.648	ng/ul	95
47) Dimethylphthalate	13.893	163	443367	26.580	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	88675	26.956	ng/ul	95
50) Acenaphthylene	14.157	152	542731	27.809	ng/ul	97
51) 3-Nitroaniline	14.340	138	82141	24.920	ng/ul	91
52) Acenaphthene	14.498	153	385894	27.467	ng/ul	97
53) 2,4-Dinitrophenol	14.540	184	51305	24.820	ng/ul	89
55) 4-Nitrophenol	14.687	109	77532	25.297	ng/ul	96
56) Dibenzofuran	14.834	168	533203	27.414	ng/ul	95
57) 2,4-Dinitrotoluene	14.793	165	125082	25.410	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.069	232	103747	25.238	ng/ul#	99
59) Diethylphthalate	15.263	149	443268	25.761	ng/ul	98
61) Fluorene	15.487	166	417530	26.472	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	212433	26.049	ng/ul	98
63) 4-Nitroaniline	15.498	138	91438	28.353	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.557	198	78764	27.523	ng/ul	97
67) N-Nitrosodiphenylamine	15.693	169	350728	28.379	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	126413	28.976	ng/ul	93
69) Hexachlorobenzene	16.487	284	135591	28.490	ng/ul	99
70) Atrazine	16.651	200	128082	26.294	ng/ul	97
71) Pentachlorophenol	16.834	266	84728	26.080	ng/ul	97
72) Phenanthrene	17.222	178	630340	27.610	ng/ul	99
74) Anthracene	17.316	178	637378	27.744	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.234	216	197633	31.187	ng/uL	97
76) Pentachlorobenzene	14.757	250	179224	28.948	ng/uL	93
77) Carbazole	17.587	167	550111	27.297	ng/ul	97
78) Di-n-butylphthalate	18.151	149	733002	27.306	ng/ul	99
80) Fluoranthene	19.239	202	699390	26.271	ng/ul	98
82) Pyrene	19.604	202	723752	25.644	ng/ul	99
83) Butylbenzylphthalate	20.510	149	300565	24.766	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	210151	31.095	ng/ul	95
85) Benzo(a)anthracene	21.410	228	731305	27.796	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.339	149	475924	27.295	ng/ul	100
87) Chrysene	21.469	228	700640	28.087	ng/ul	98
89) Di-n-octyl phthalate	22.486	149	779861	23.074	ng/ul	100
90) Benzo(b)fluoranthene	23.498	252	720674	26.499	ng/ul	99
91) Benzo(k)fluoranthene	23.563	252	717268	26.488	ng/ul	98
93) Benzo(a)pyrene	24.316	252	657419	27.658	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.880	276	881548	34.086	ng/ul	100
95) Dibenzo(a,h)anthracene	27.933	278	708280	34.338	ng/ul	96
96) Benzo(g,h,i)perylene	28.945	276	690847	35.098	ng/ul	99

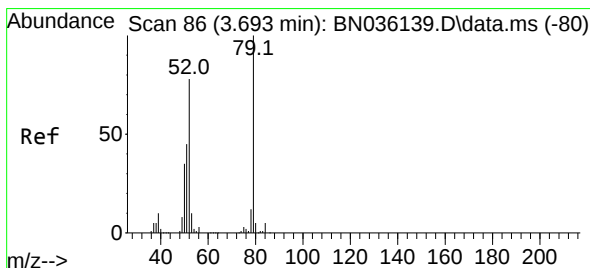
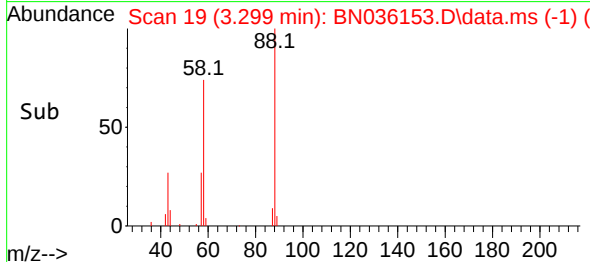
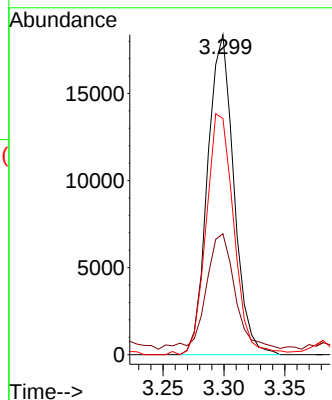
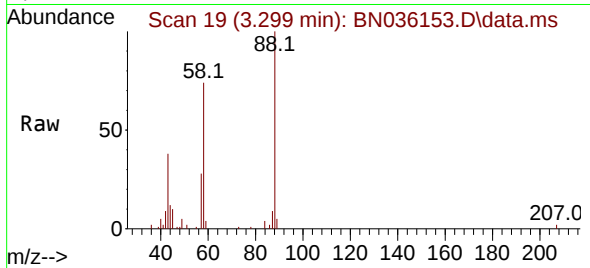
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#2
1,4-Dioxane
Concen: 11.058 ng/uL
RT: 3.299 min Scan# 18
Delta R.T. 0.006 min
Lab File: BN036153.D
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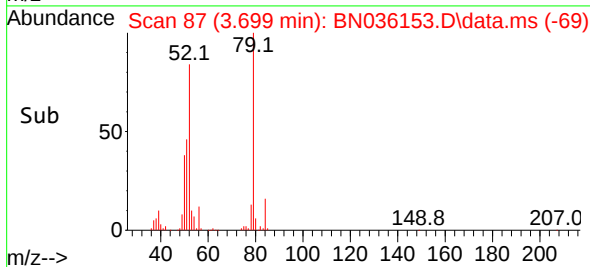
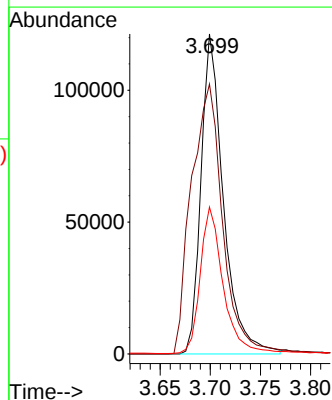
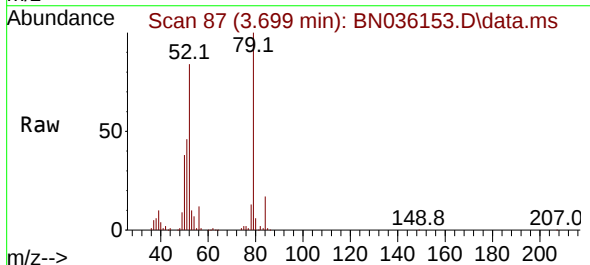
Instrument :
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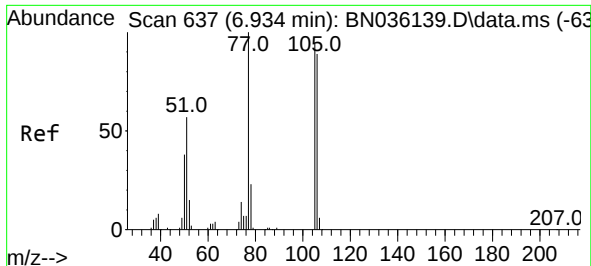
Tgt Ion: 88 Resp: 27565
Ion Ratio Lower Upper
88 100
43 37.8 29.6 44.4
58 73.8 59.1 88.7



#5
Pyridine
Concen: 28.060 ng/uL
RT: 3.699 min Scan# 87
Delta R.T. 0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion: 79 Resp: 189439
Ion Ratio Lower Upper
79 100
52 84.4 67.3 100.9
51 45.9 36.2 54.4

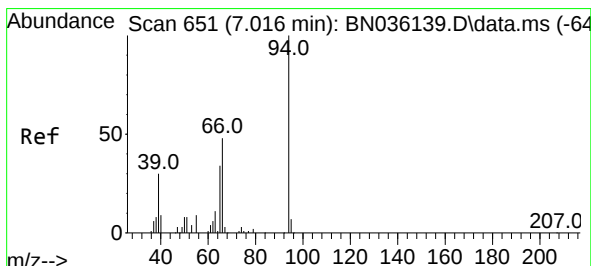
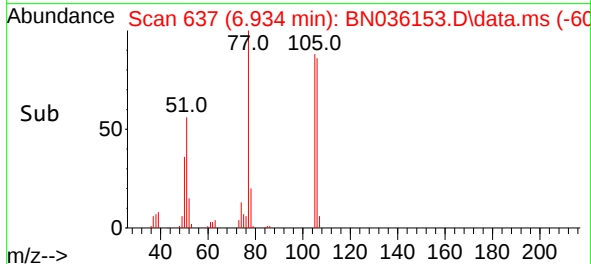
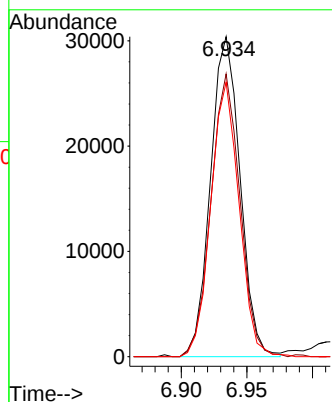
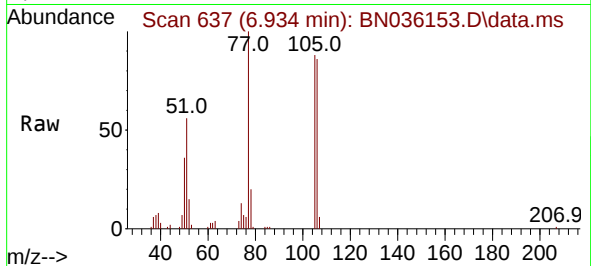




#6
Benzaldehyde
Concen: 10.145 ng/ul
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

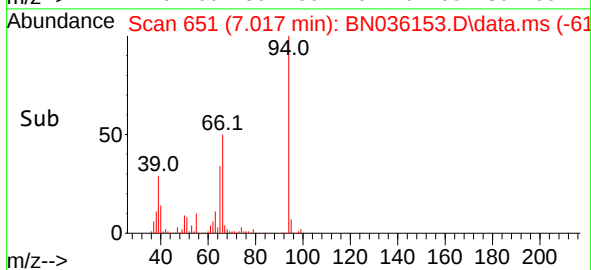
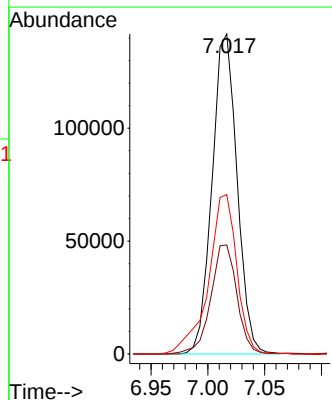
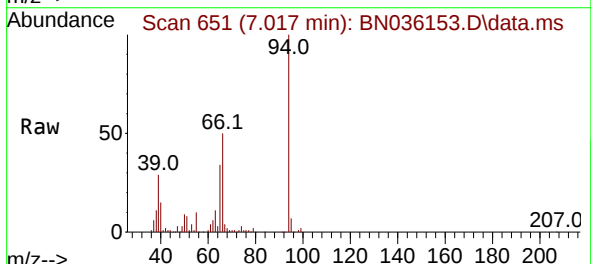
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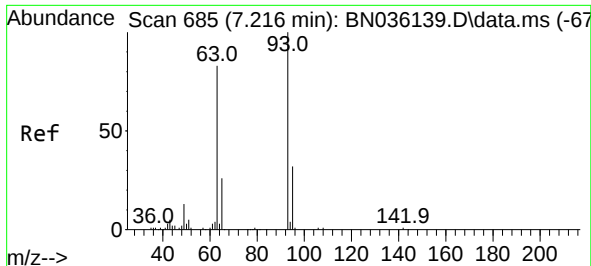
Tgt Ion: 77 Resp: 47732
Ion Ratio Lower Upper
77 100
105 88.3 74.8 112.2
106 85.8 69.8 104.8



#8
Phenol
Concen: 26.694 ng/ul
RT: 7.017 min Scan# 651
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion: 94 Resp: 217172
Ion Ratio Lower Upper
94 100
65 34.0 27.0 40.4
66 49.8 40.2 60.2



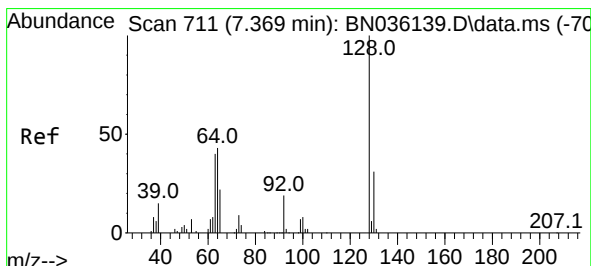
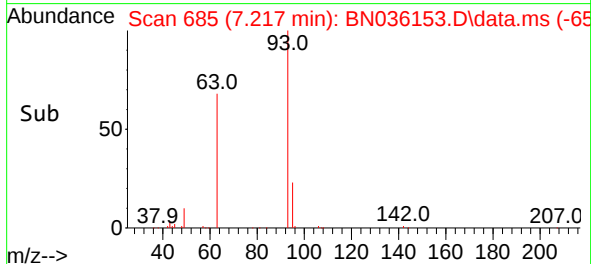
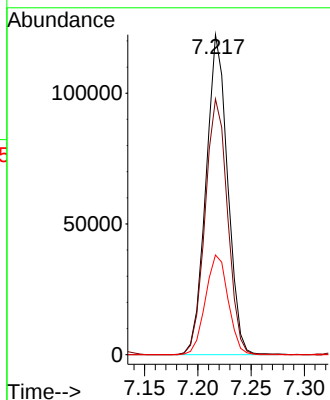
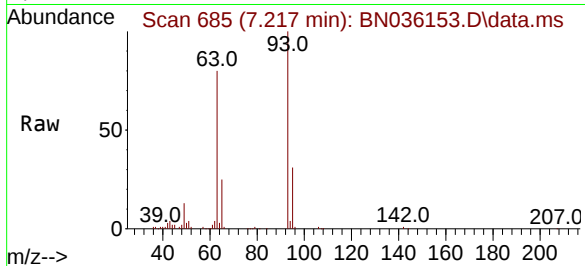


#10
 Bis(2-Chloroethyl)ether
 Concen: 27.112 ng/ul
 RT: 7.217 min Scan# 685
 Delta R.T. 0.000 min
 Lab File: BN036153.D
 Acq: 31 Jan 2025 04:11

Instrument :
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 ClientSampleId :
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Tgt Ion: 93 Resp: 173336

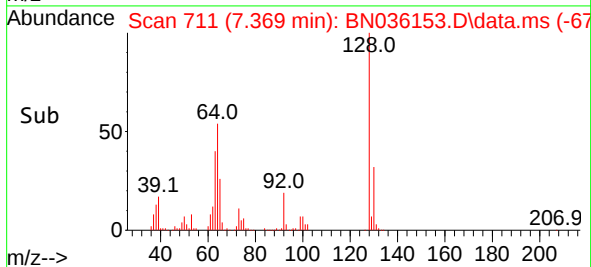
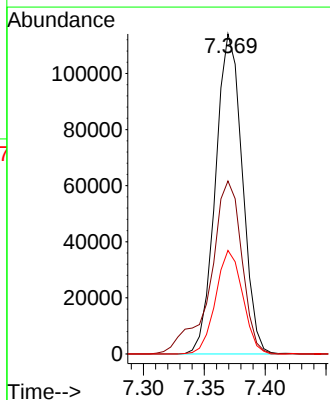
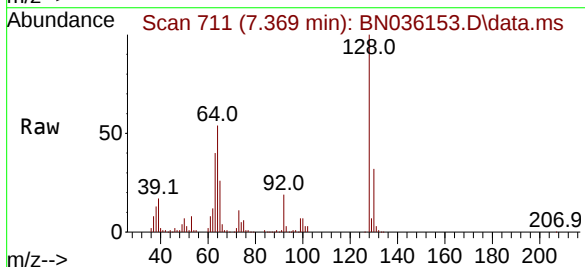
Ion	Ratio	Lower	Upper
93	100		
63	79.9	67.0	100.6
95	31.2	25.8	38.6

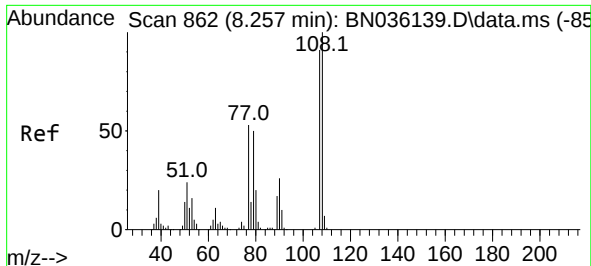


#12
 2-Chlorophenol
 Concen: 27.771 ng/ul
 RT: 7.369 min Scan# 711
 Delta R.T. -0.006 min
 Lab File: BN036153.D
 Acq: 31 Jan 2025 04:11

Tgt Ion: 128 Resp: 174645

Ion	Ratio	Lower	Upper
128	100		
64	54.1	41.8	62.6
130	32.4	24.9	37.3

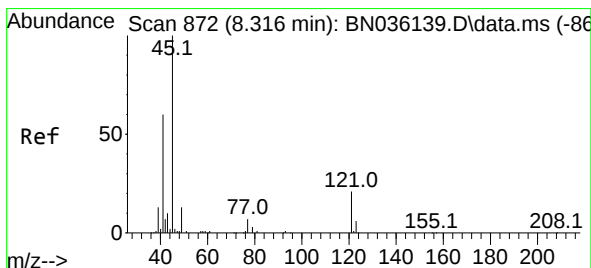
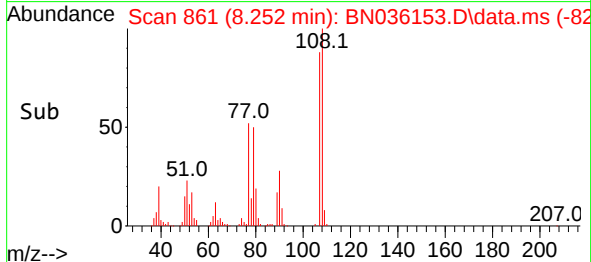
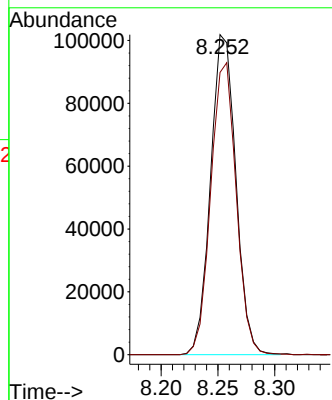
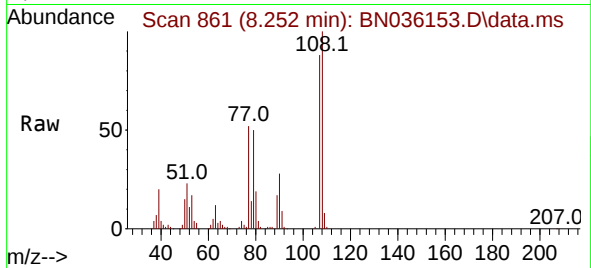




#13
2-Methylphenol
Concen: 26.278 ng/ul
RT: 8.252 min Scan# 861
Delta R.T. -0.012 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

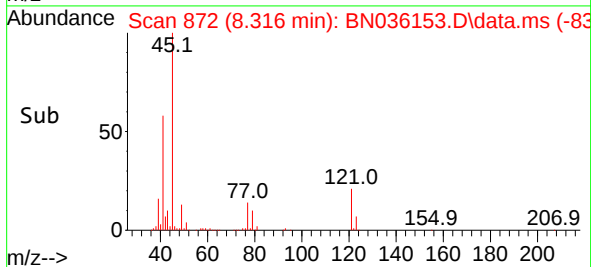
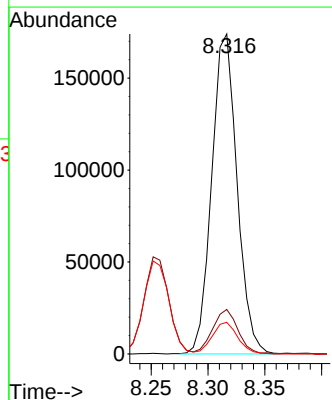
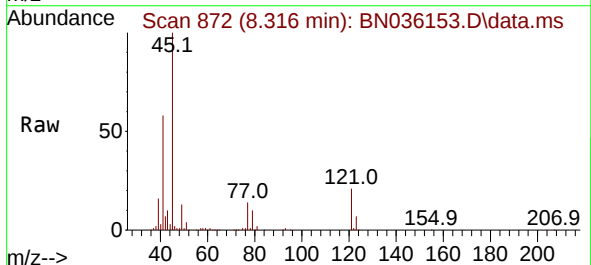
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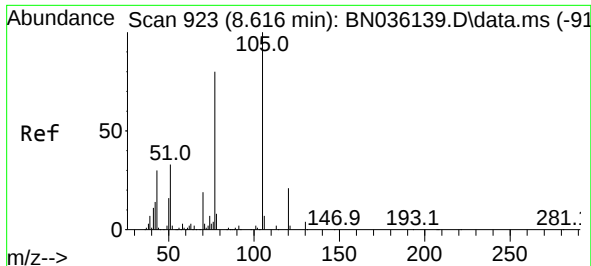
Tgt Ion:108 Resp: 157858
Ion Ratio Lower Upper
108 100
107 88.2 73.7 110.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.692 ng/ul
RT: 8.316 min Scan# 872
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion: 45 Resp: 270248
Ion Ratio Lower Upper
45 100
77 13.9 11.8 17.6
79 9.9 8.3 12.5

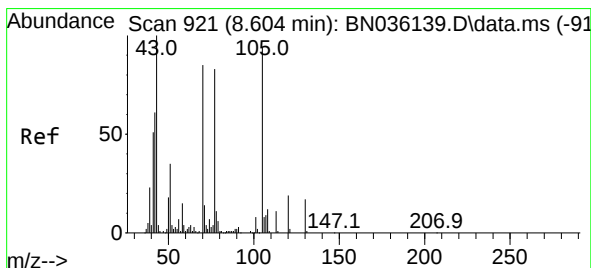
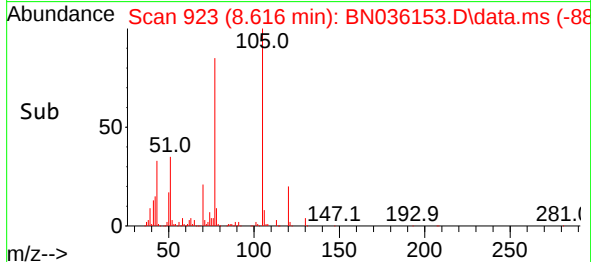
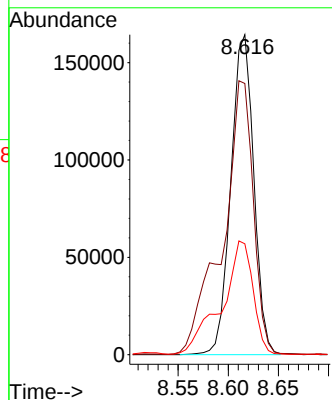
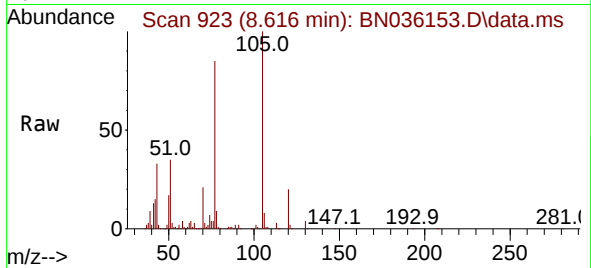




#16
Acetophenone
Concen: 25.277 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

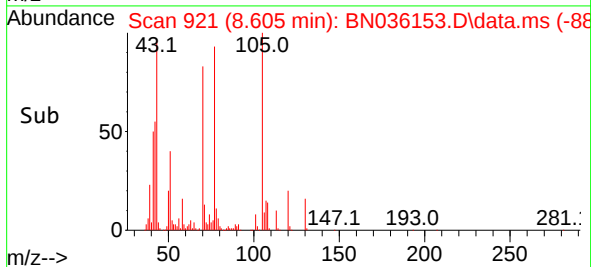
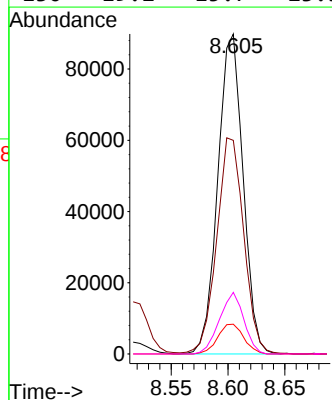
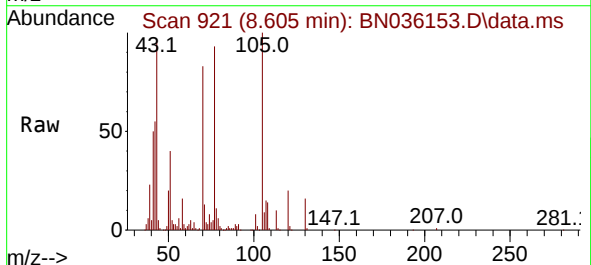
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ClientSampleId :
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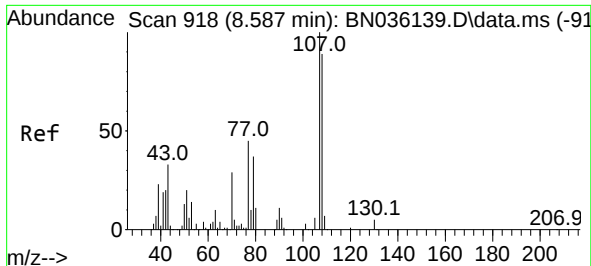
Tgt Ion:105 Resp: 260900
Ion Ratio Lower Upper
105 100
77 84.7 68.7 103.1
51 34.7 28.9 43.3



#17
N-Nitroso-di-n-propylamine
Concen: 25.590 ng/ul
RT: 8.605 min Scan# 921
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion: 70 Resp: 139073
Ion Ratio Lower Upper
70 100
42 66.7 54.7 82.1
101 9.3 7.1 10.7
130 19.2 15.7 23.5

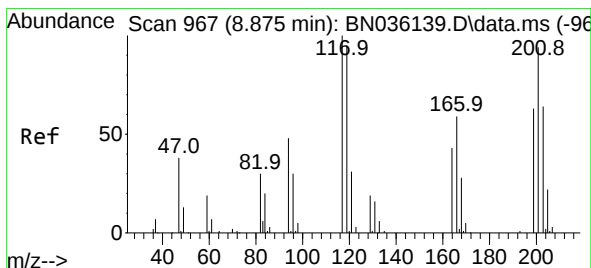
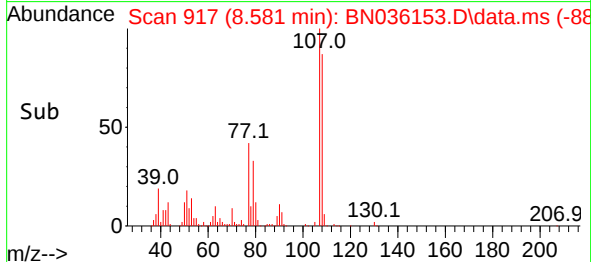
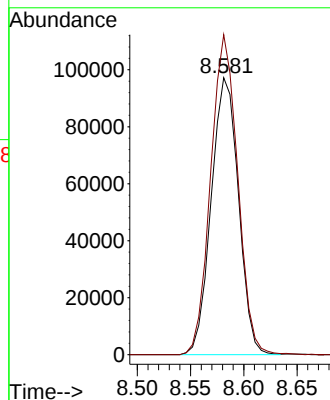
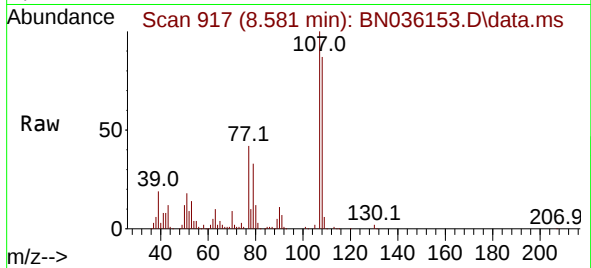




#18
4-Methylphenol
Concen: 26.410 ng/ul
RT: 8.581 min Scan# 918
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

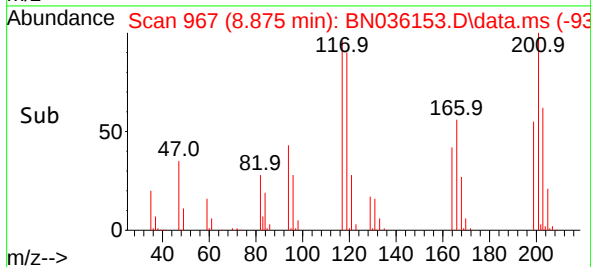
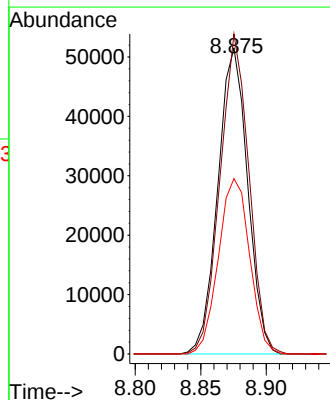
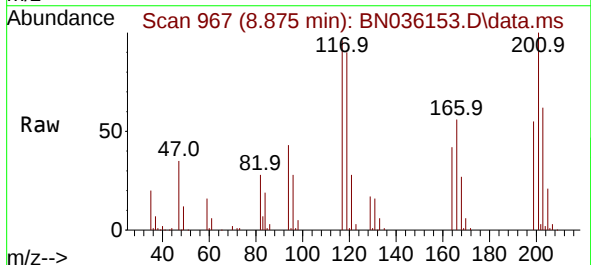
Instrument :
BNA_N
ClientSampleId :
SLCS340

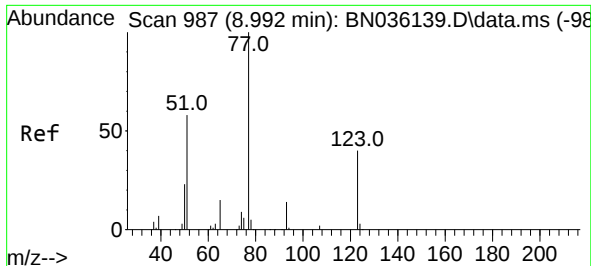
Tgt Ion:108 Resp: 173106
Ion Ratio Lower Upper
108 100
107 115.6 95.4 143.2



#19
Hexachloroethane
Concen: 28.057 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:117 Resp: 81513
Ion Ratio Lower Upper
117 100
201 104.7 77.5 116.3
199 57.4 45.8 68.6

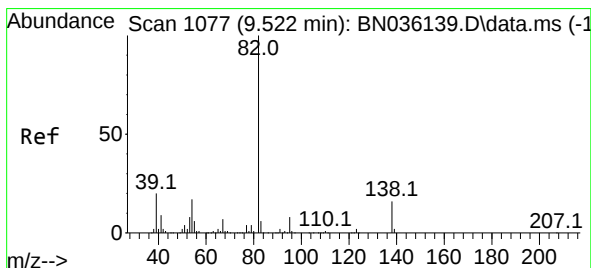
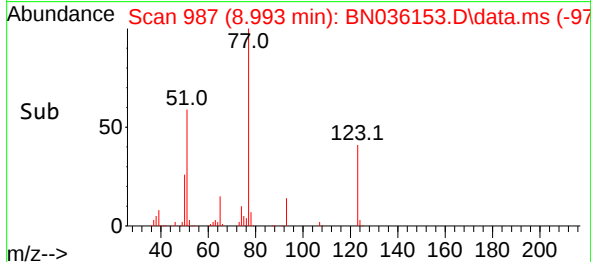
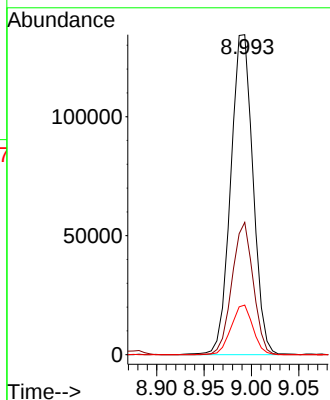
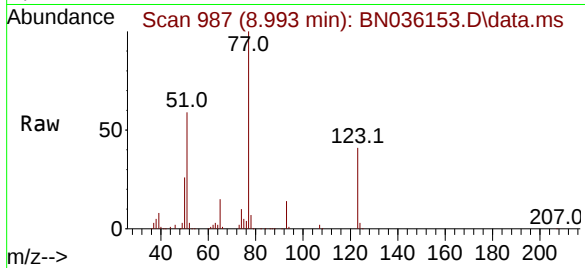




#22
Nitrobenzene
Concen: 27.914 ng/ul
RT: 8.993 min Scan# 987
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

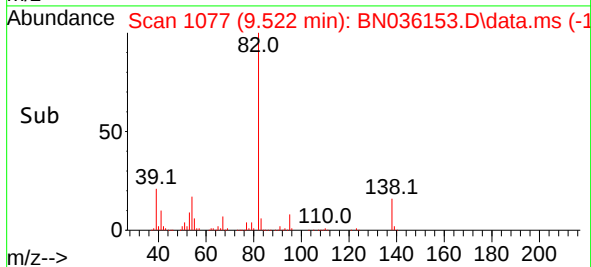
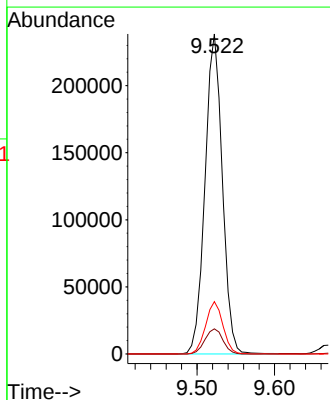
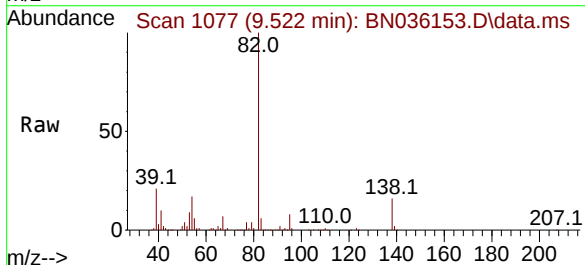
Instrument :
BNA_N
ClientSampleId :
SLCS340

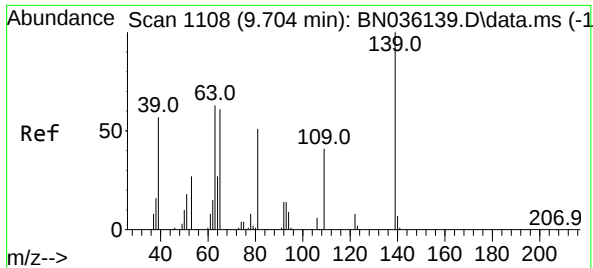
Tgt Ion: 77 Resp: 220404
Ion Ratio Lower Upper
77 100
123 41.4 32.5 48.7
65 15.5 12.2 18.2



#23
Isophorone
Concen: 26.437 ng/ul
RT: 9.522 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion: 82 Resp: 369963
Ion Ratio Lower Upper
82 100
95 7.9 6.6 10.0
138 16.4 12.8 19.2

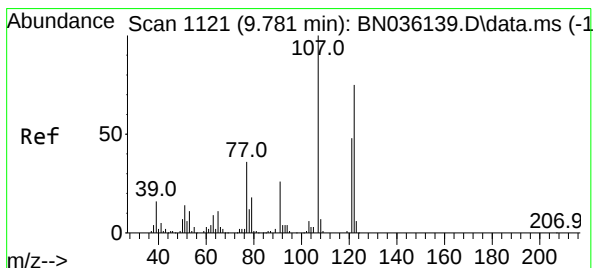
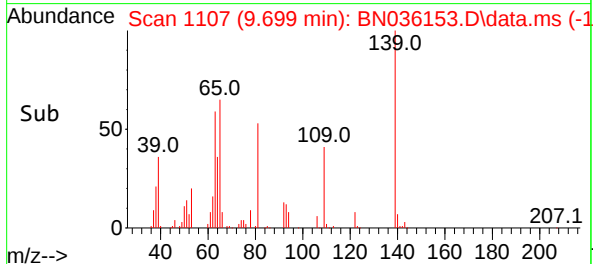
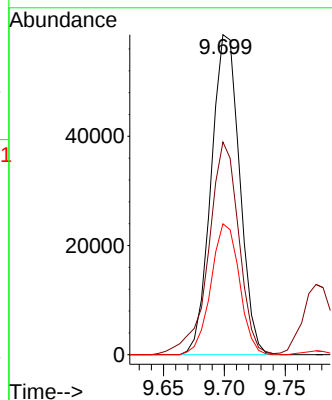
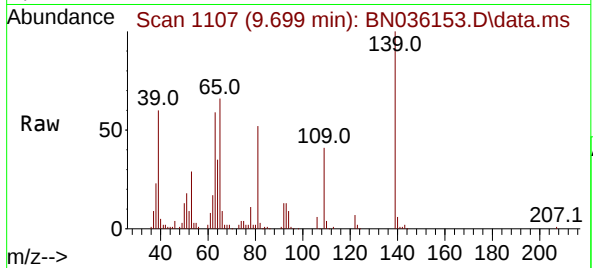




#25
2-Nitrophenol
Concen: 27.489 ng/ul
RT: 9.699 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

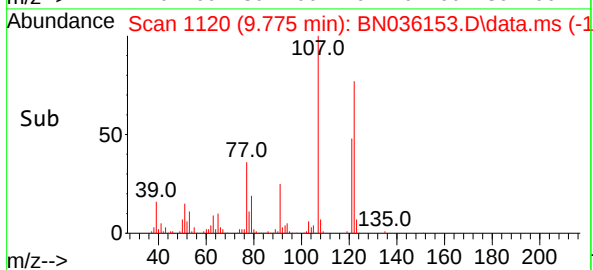
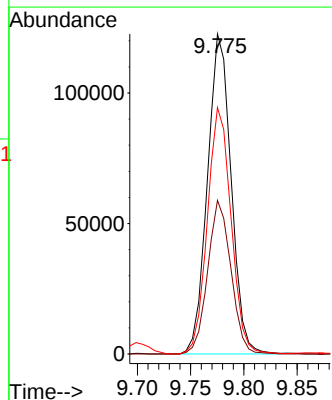
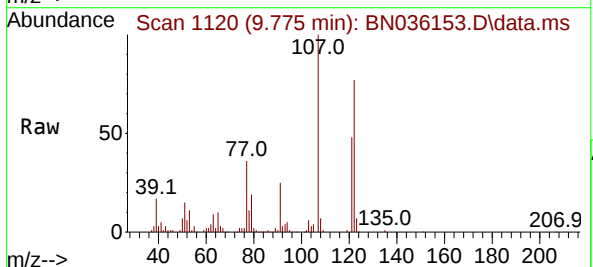
Instrument :
BNA_N
ClientSampleId :
SLCS340

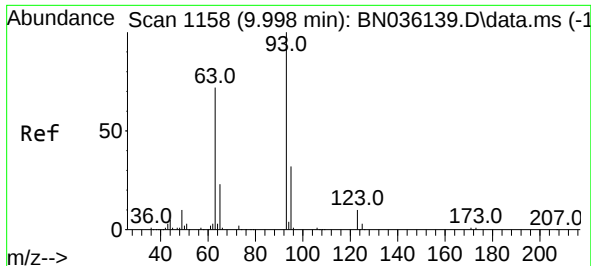
Tgt Ion:139 Resp: 95608
Ion Ratio Lower Upper
139 100
65 66.5 51.4 77.2
109 40.9 31.6 47.4



#26
2,4-Dimethylphenol
Concen: 26.788 ng/ul
RT: 9.775 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:107 Resp: 189820
Ion Ratio Lower Upper
107 100
121 48.0 36.6 55.0
122 77.0 61.4 92.0





#27

Bis(2-Chloroethoxy)methane

Concen: 27.095 ng/ul

RT: 9.999 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

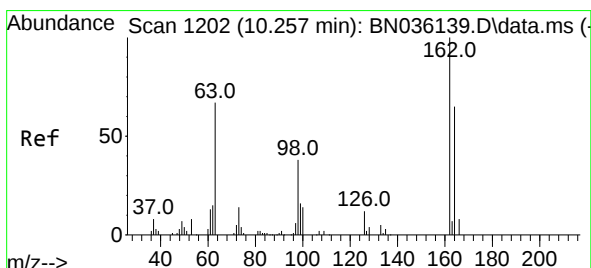
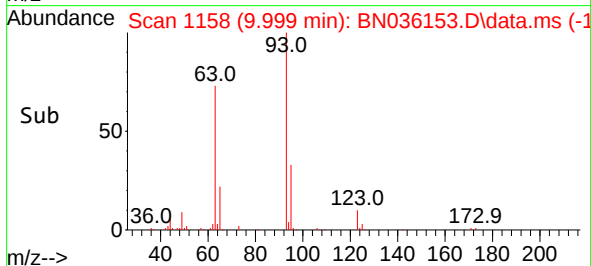
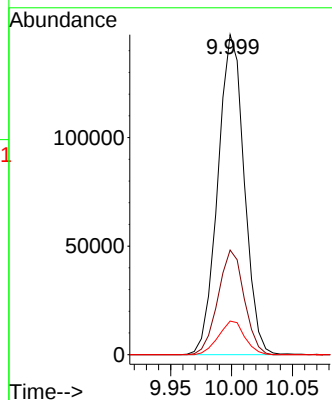
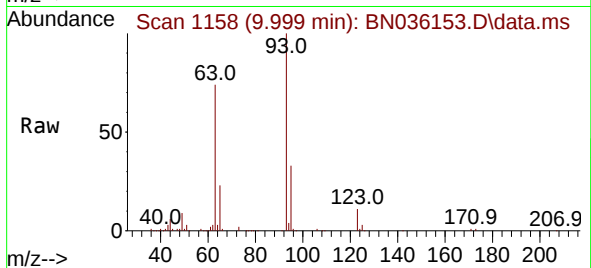
Tgt Ion: 93 Resp: 222552

Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.0

123 10.5 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 27.378 ng/ul

RT: 10.252 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

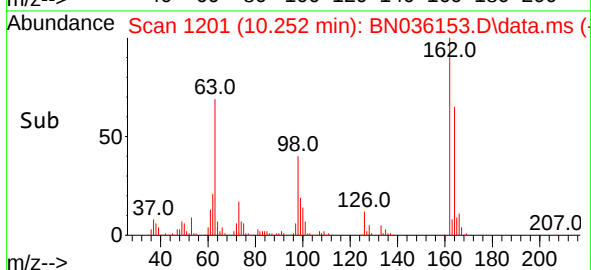
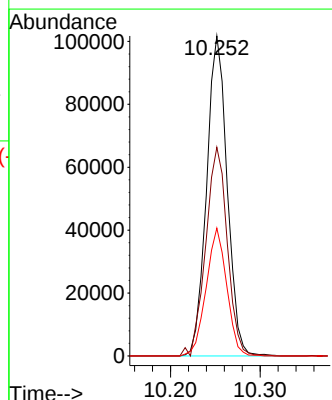
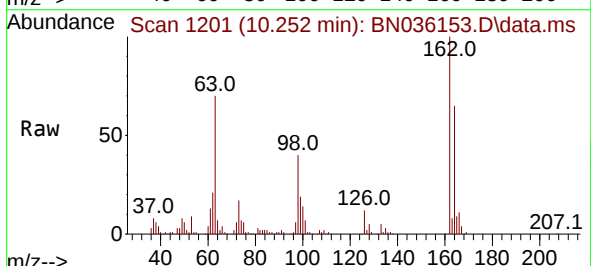
Tgt Ion:162 Resp: 161883

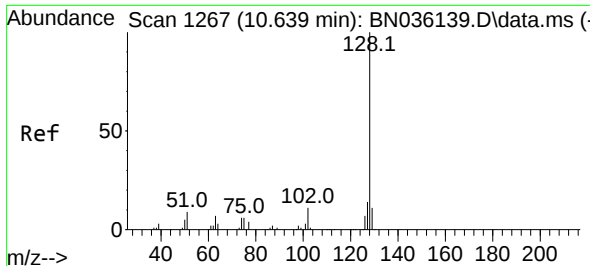
Ion Ratio Lower Upper

162 100

164 65.2 49.7 74.5

98 39.9 30.8 46.2

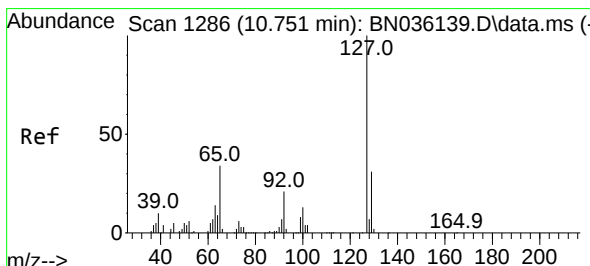
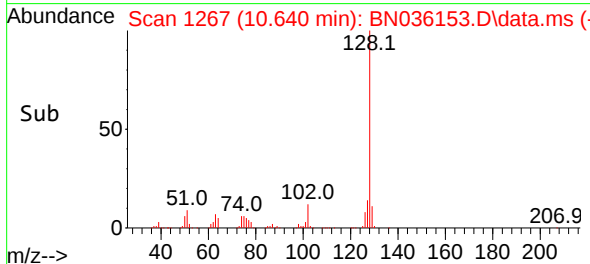
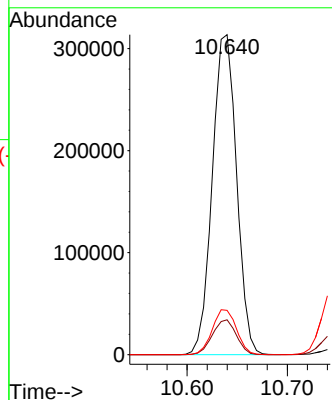
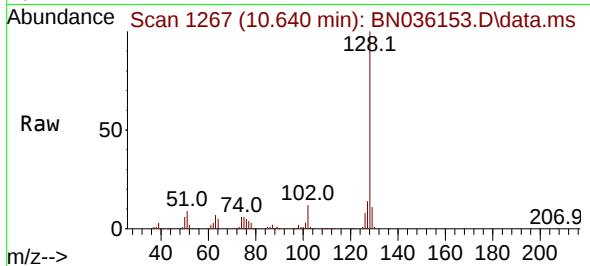




#30
Naphthalene
Concen: 27.476 ng/ul
RT: 10.640 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

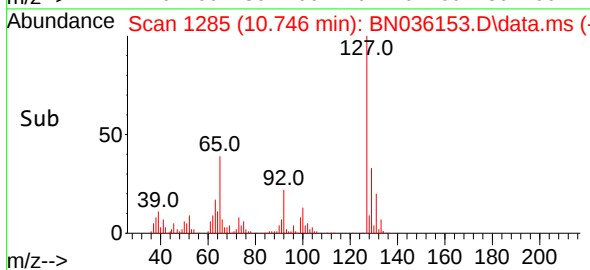
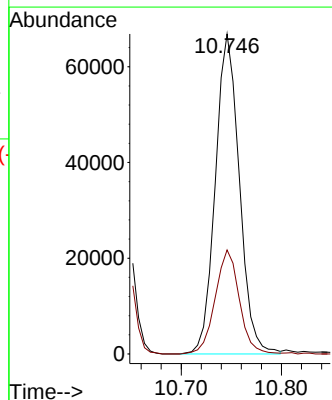
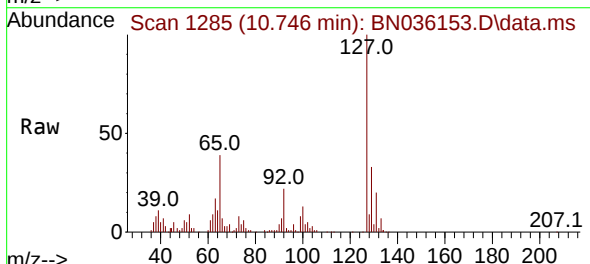
Instrument :
BNA_N
ClientSampleId :
SLCS340

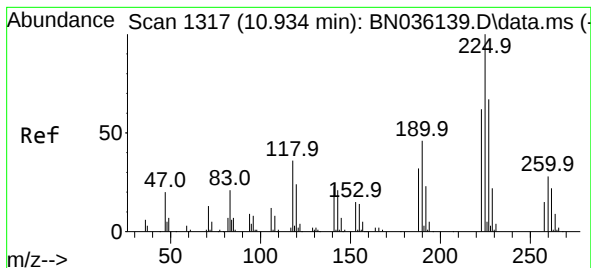
Tgt Ion:128 Resp: 527495
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.9 11.4 17.2



#32
4-Chloroaniline
Concen: 14.940 ng/ul
RT: 10.746 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:127 Resp: 111188
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.8





#33

Hexachlorobutadiene

Concen: 28.361 ng/uI

RT: 10.928 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

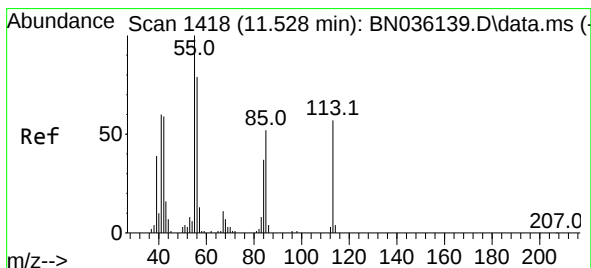
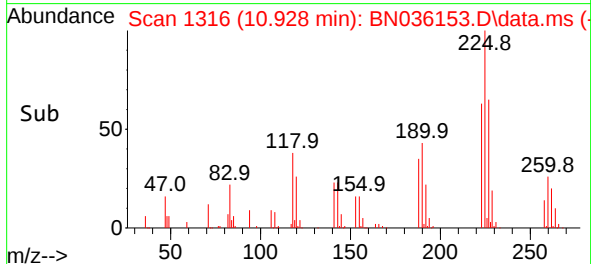
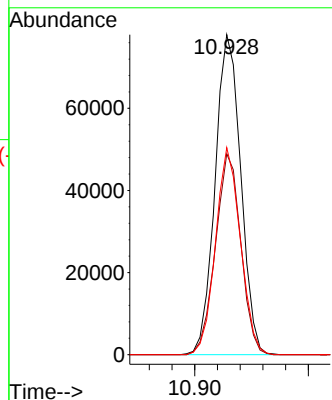
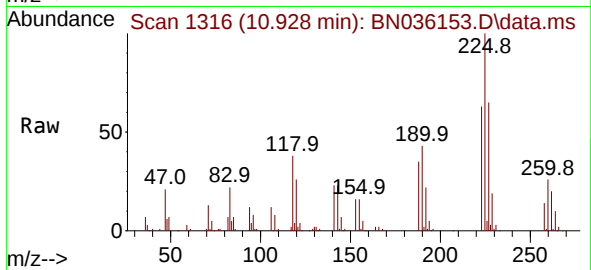
Tgt Ion:225 Resp: 122409

Ion Ratio Lower Upper

225 100

223 62.8 48.5 72.7

227 64.7 49.2 73.8



#34

Caprolactam

Concen: 23.190 ng/uI

RT: 11.528 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

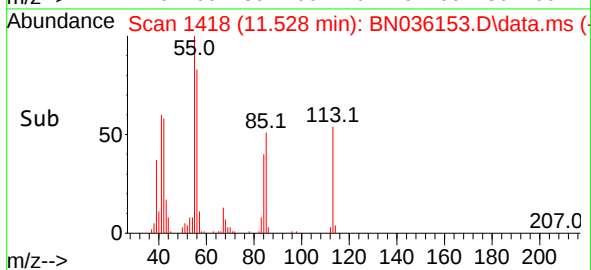
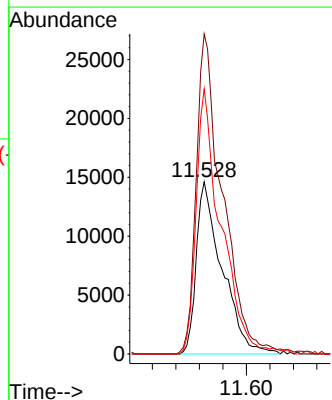
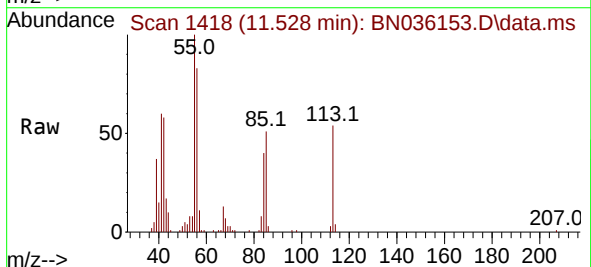
Tgt Ion:113 Resp: 44378

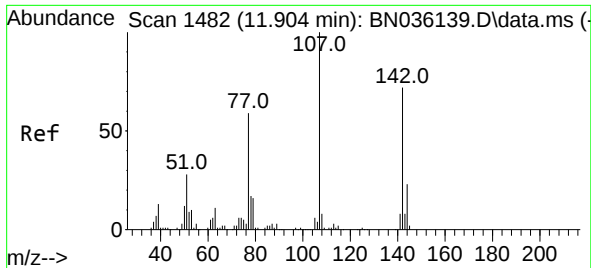
Ion Ratio Lower Upper

113 100

55 185.8 143.6 215.4

56 154.0 119.0 178.6

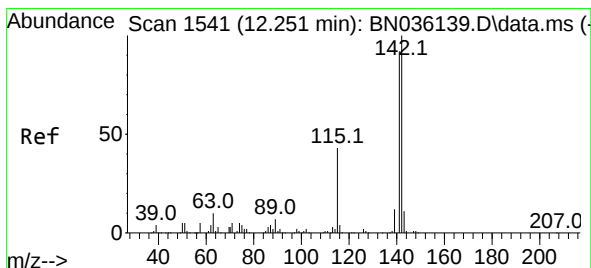
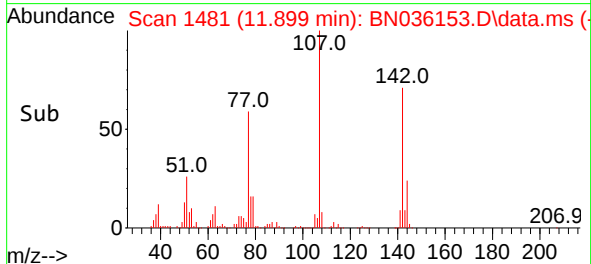
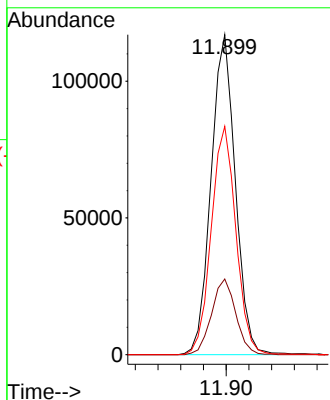
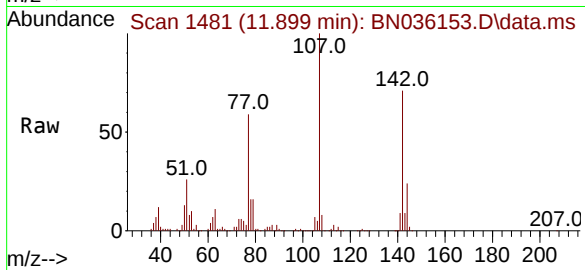




#35
 4-Chloro-3-methylphenol
 Concen: 25.583 ng/ul
 RT: 11.899 min Scan# 1481
 Delta R.T. -0.006 min
 Lab File: BN036153.D
 Acq: 31 Jan 2025 04:11

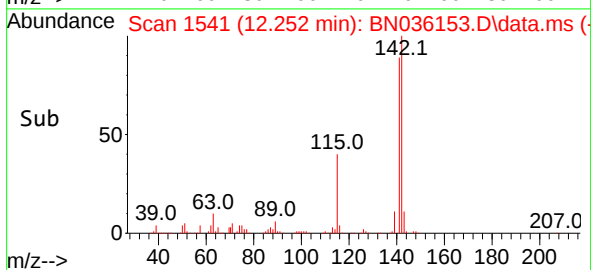
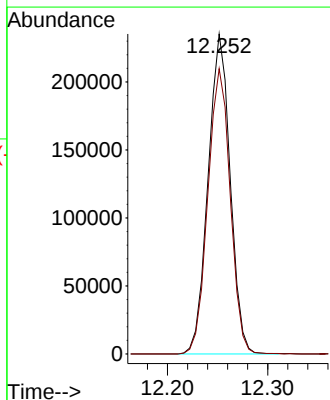
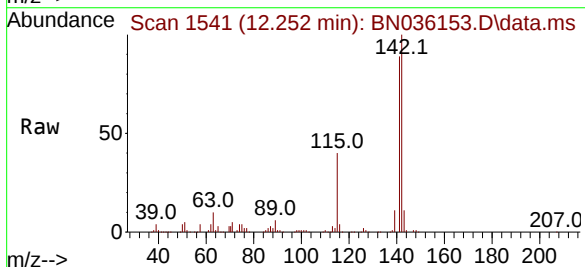
Instrument :
 BNA_N
 ClientSampleId :
 SLCS340

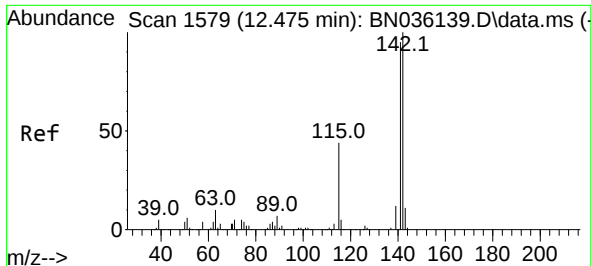
Tgt Ion:107 Resp: 173779
 Ion Ratio Lower Upper
 107 100
 144 23.6 17.5 26.3
 142 71.4 56.7 85.1



#36
 2-Methylnaphthalene
 Concen: 26.731 ng/ul
 RT: 12.252 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: BN036153.D
 Acq: 31 Jan 2025 04:11

Tgt Ion:142 Resp: 359728
 Ion Ratio Lower Upper
 142 100
 141 89.2 73.5 110.3





#37

1-Methylnaphthalene

Concen: 26.865 ng/ul

RT: 12.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

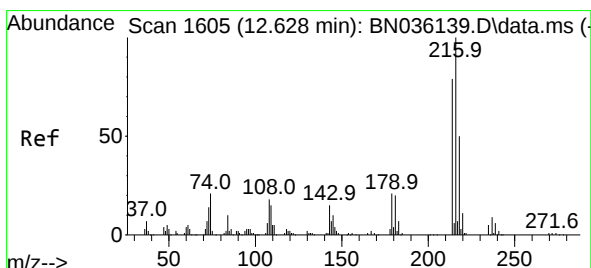
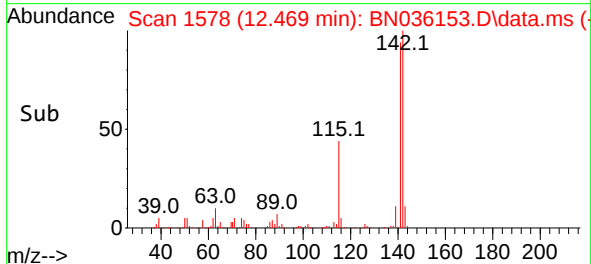
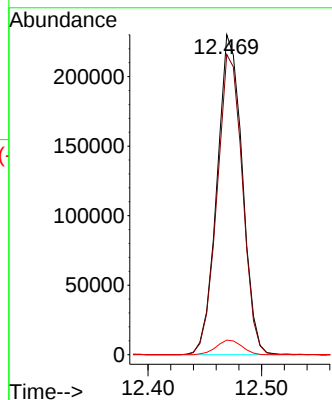
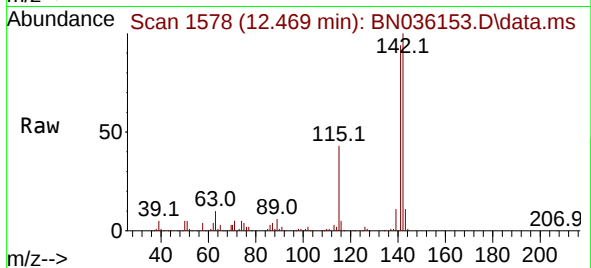
Tgt Ion:142 Resp: 355173

Ion Ratio Lower Upper

142 100

141 93.8 74.7 112.1

116 4.6 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.277 ng/ul

RT: 12.622 min Scan# 1604

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Tgt Ion:216 Resp: 199559

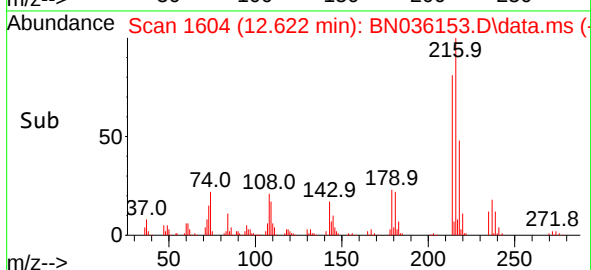
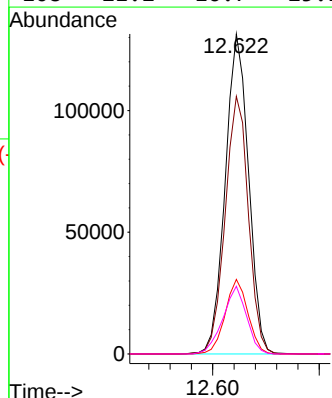
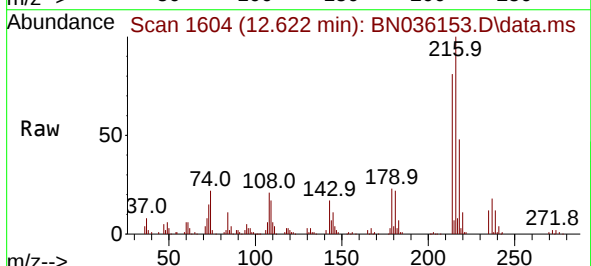
Ion Ratio Lower Upper

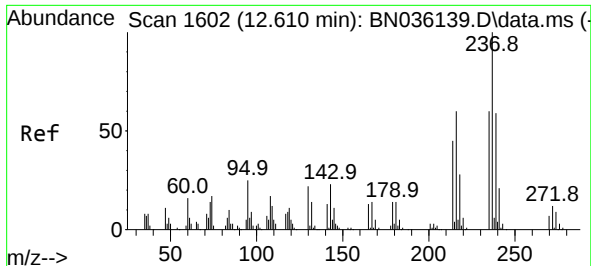
216 100

214 80.5 63.0 94.6

179 23.3 18.6 27.8

108 21.2 16.7 25.1

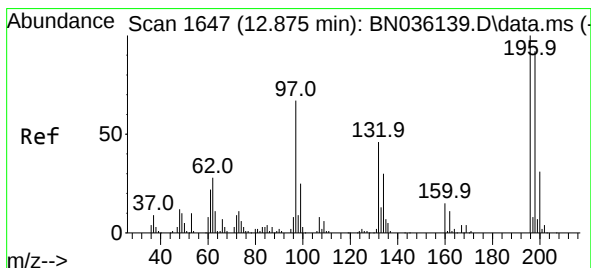
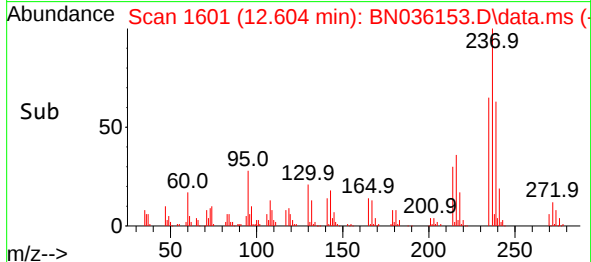
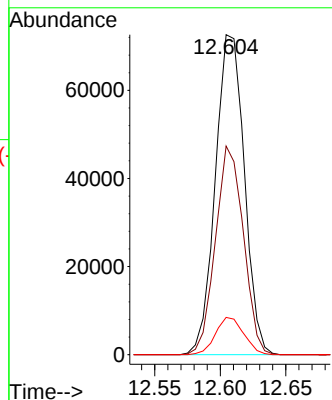
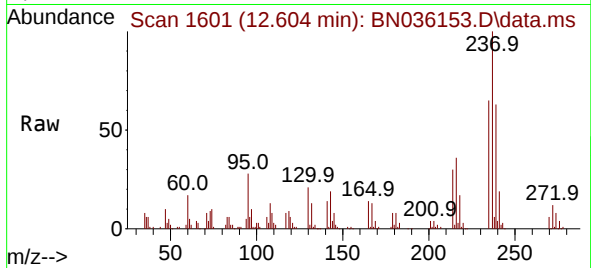




#40
Hexachlorocyclopentadiene
Concen: 28.377 ng/ul
RT: 12.604 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

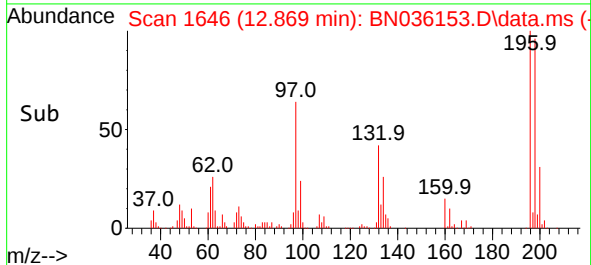
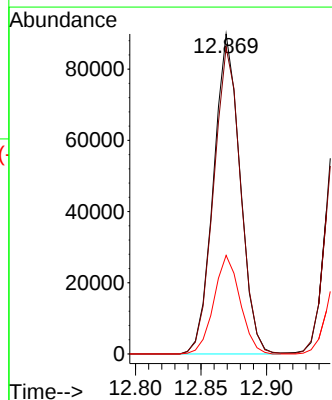
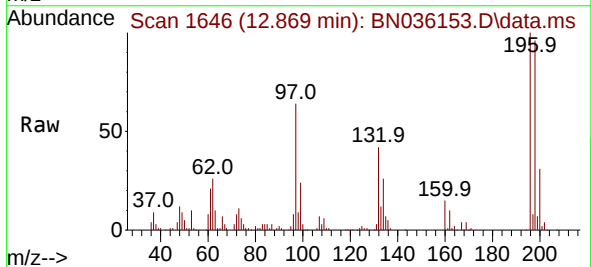
Instrument :
BNA_N
ClientSampleId :
SLCS340

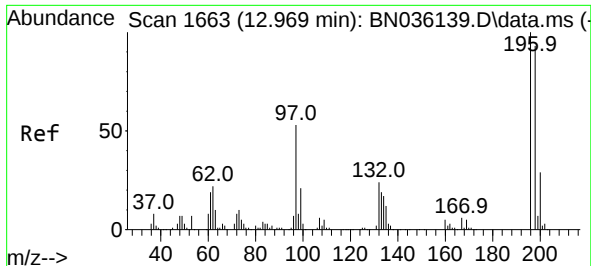
Tgt Ion:237 Resp: 111783
Ion Ratio Lower Upper
237 100
235 65.2 44.7 67.1
272 11.7 9.3 13.9



#41
2,4,6-Trichlorophenol
Concen: 27.786 ng/ul
RT: 12.869 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:196 Resp: 126442
Ion Ratio Lower Upper
196 100
198 95.8 81.8 122.6
200 30.8 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 27.268 ng/ul

RT: 12.957 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

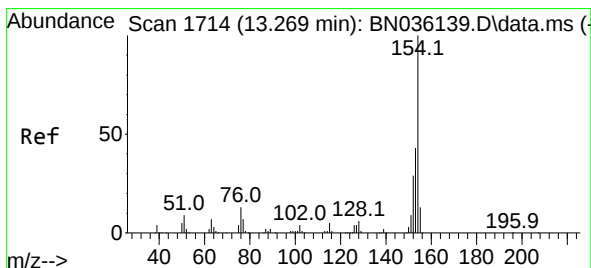
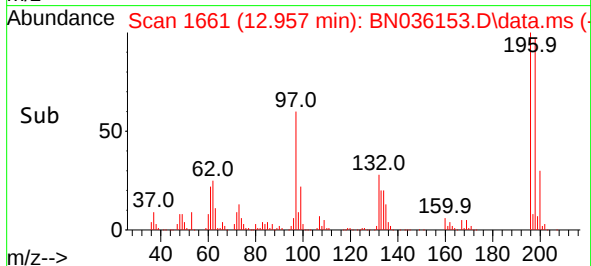
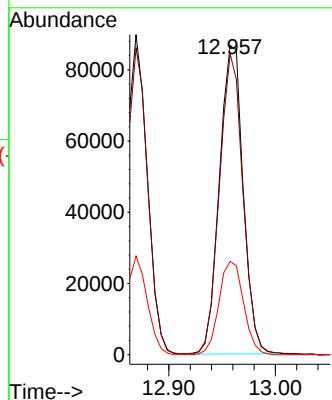
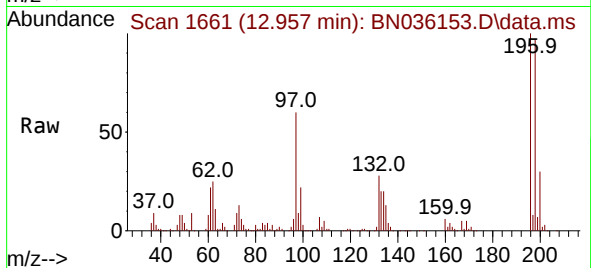
Tgt Ion:196 Resp: 134278

Ion Ratio Lower Upper

196 100

198 97.3 77.0 115.6

200 30.2 24.7 37.1



#43

1,1'-Biphenyl

Concen: 28.269 ng/ul

RT: 13.269 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

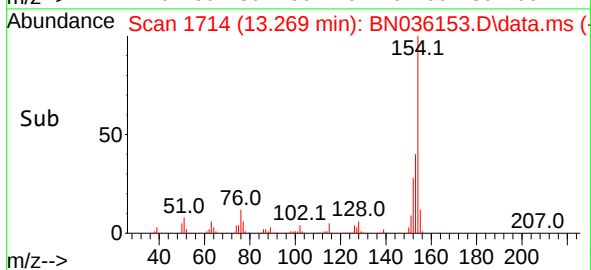
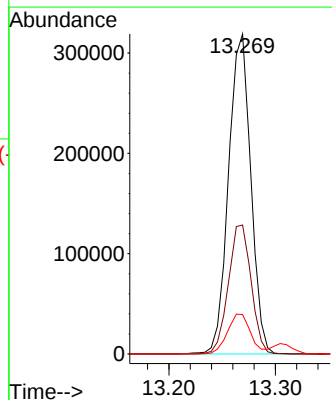
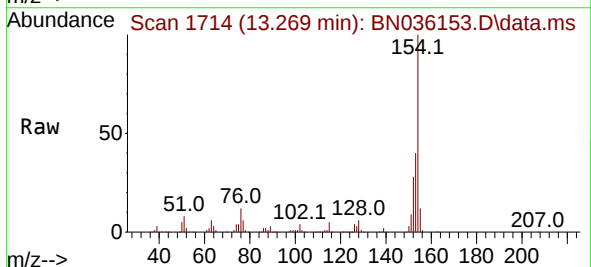
Tgt Ion:154 Resp: 463454

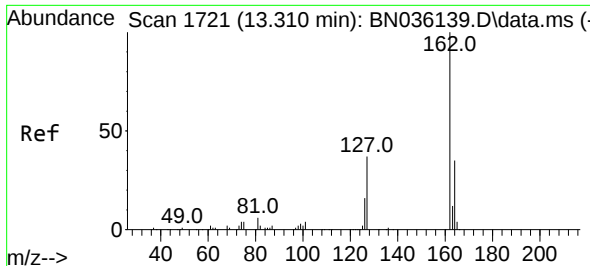
Ion Ratio Lower Upper

154 100

153 40.3 33.4 50.2

76 12.3 10.0 15.0

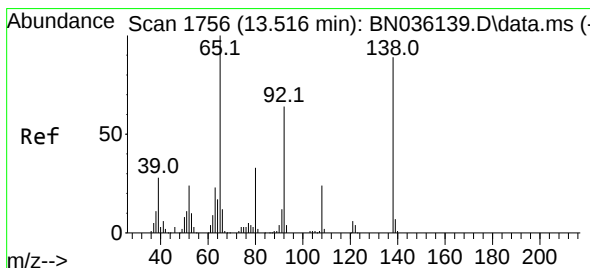
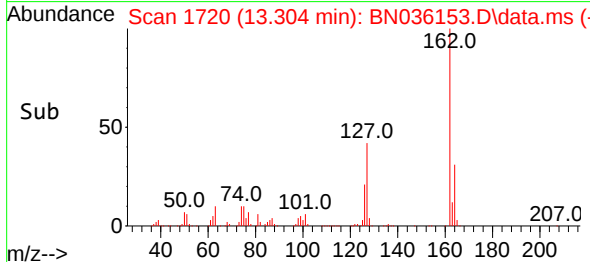
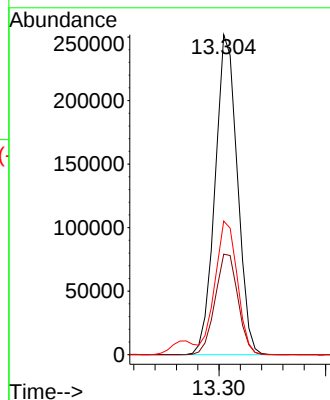
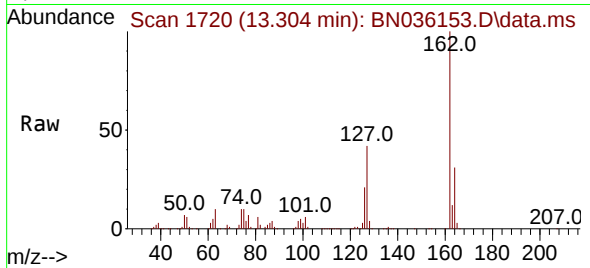




#44
2-Chloronaphthalene
Concen: 28.314 ng/ul
RT: 13.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

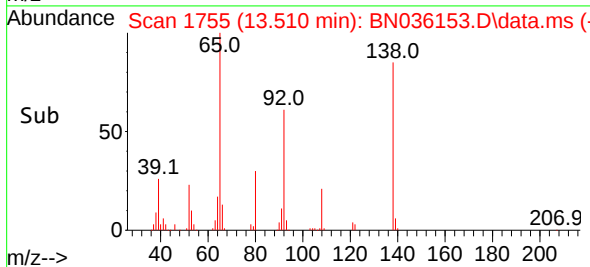
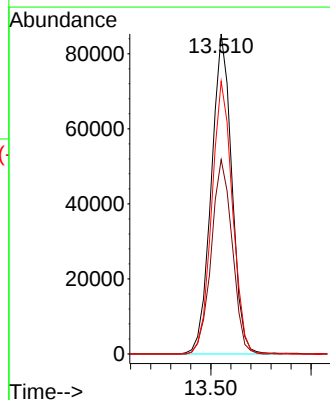
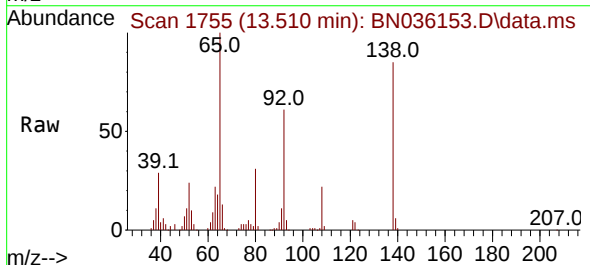
Instrument :
BNA_N
ClientSampleId :
SLCS340

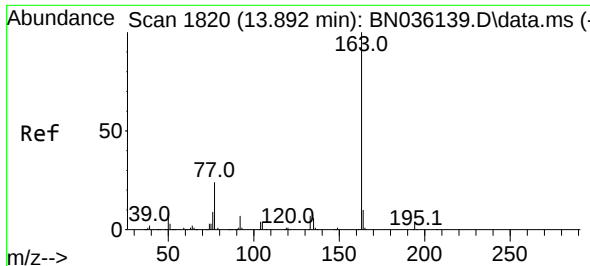
Tgt Ion:162 Resp: 364949
Ion Ratio Lower Upper
162 100
164 31.4 27.4 41.0
127 41.8 34.5 51.7



#45
2-Nitroaniline
Concen: 27.648 ng/ul
RT: 13.510 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion: 65 Resp: 121509
Ion Ratio Lower Upper
65 100
92 60.8 52.0 78.0
138 85.2 71.2 106.8

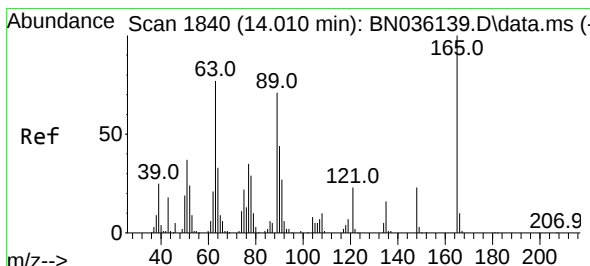
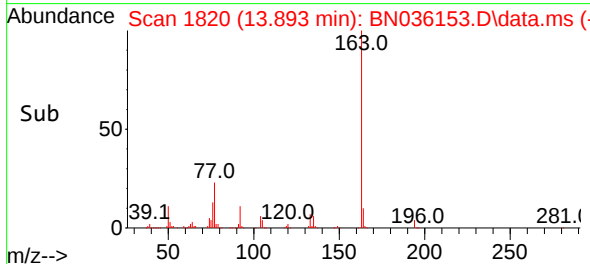
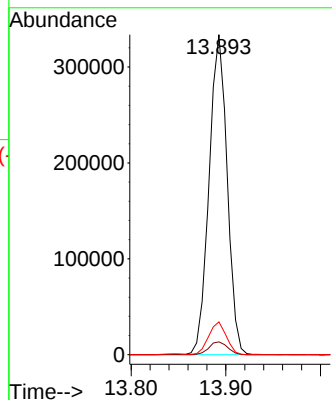
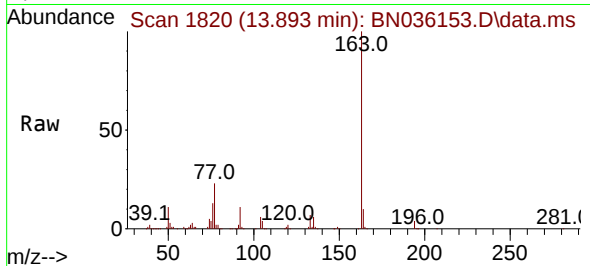




#47
Dimethylphthalate
Concen: 26.580 ng/ul
RT: 13.893 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

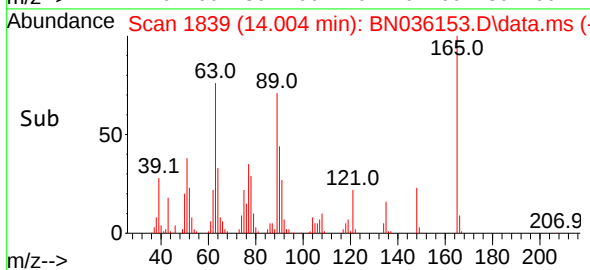
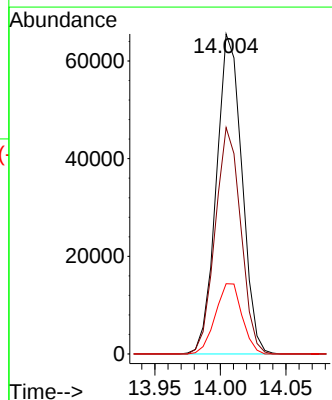
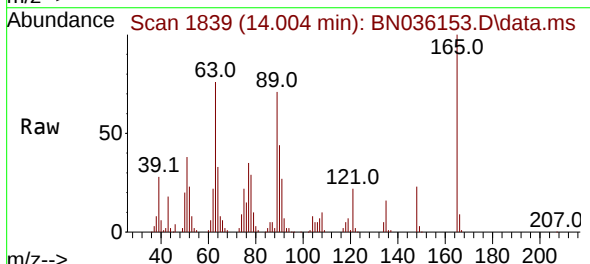
Instrument :
BNA_N
ClientSampleId :
SLCS340

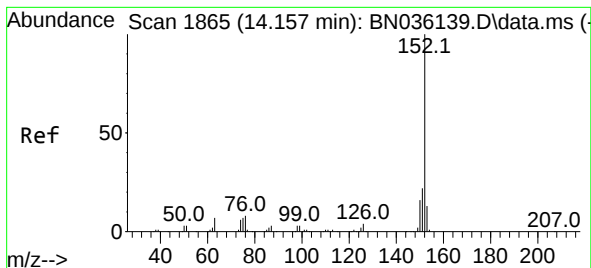
Tgt Ion:163 Resp: 443367
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.4 12.6



#48
2,6-Dinitrotoluene
Concen: 26.956 ng/ul
RT: 14.004 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:165 Resp: 88675
Ion Ratio Lower Upper
165 100
89 70.7 53.4 80.0
121 21.9 19.0 28.6





#50

Acenaphthylene

Concen: 27.809 ng/ul

RT: 14.157 min Scan# 1865

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

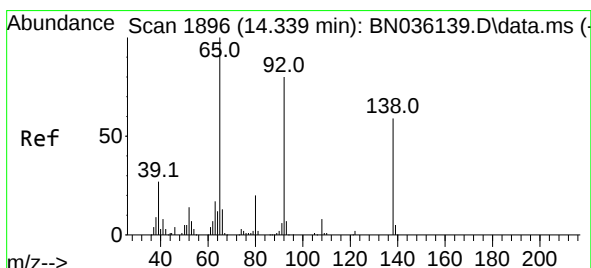
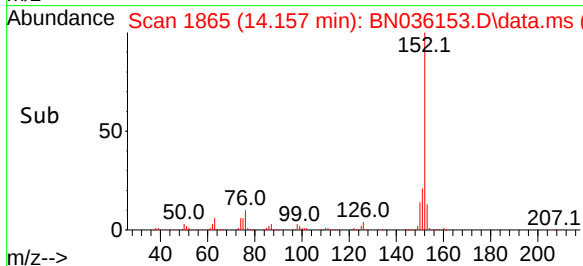
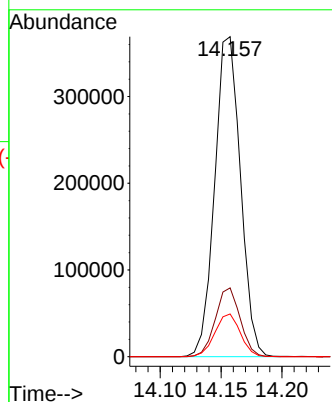
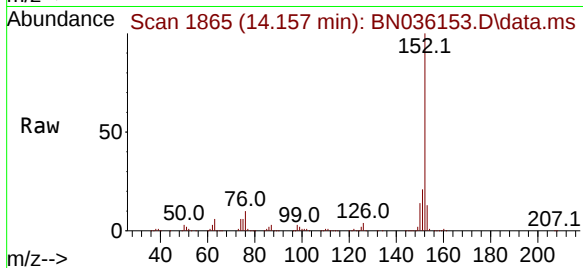
Tgt Ion:152 Resp: 542731

Ion Ratio Lower Upper

152 100

151 21.5 15.9 23.9

153 13.3 10.0 15.0



#51

3-Nitroaniline

Concen: 24.920 ng/ul

RT: 14.340 min Scan# 1896

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

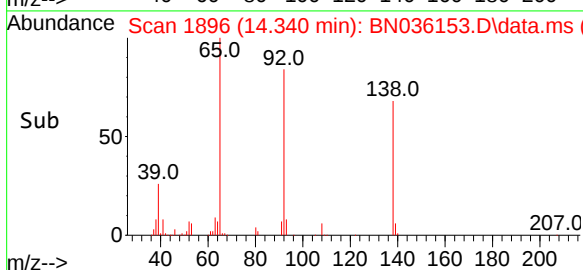
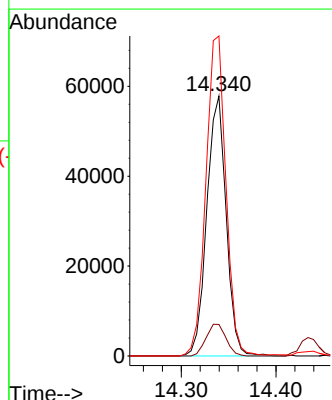
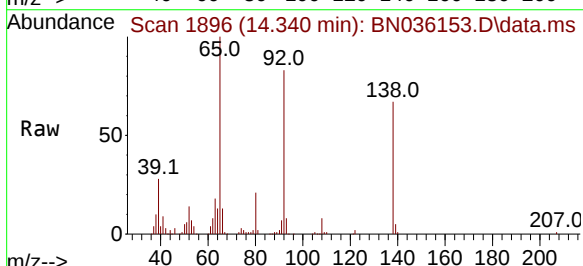
Tgt Ion:138 Resp: 82141

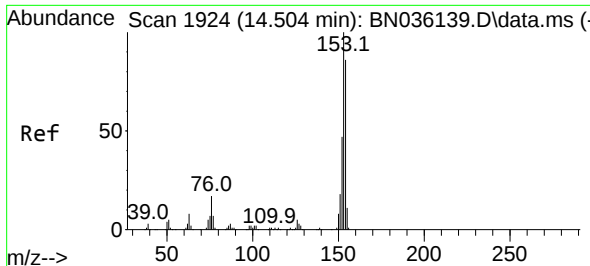
Ion Ratio Lower Upper

138 100

108 12.1 10.3 15.5

92 123.2 108.2 162.2

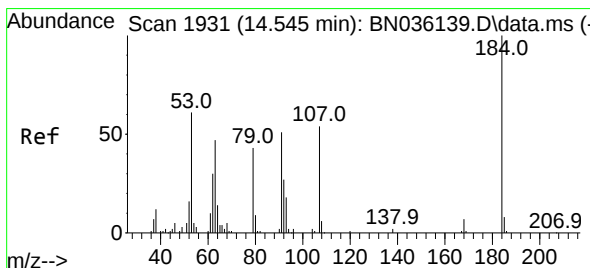
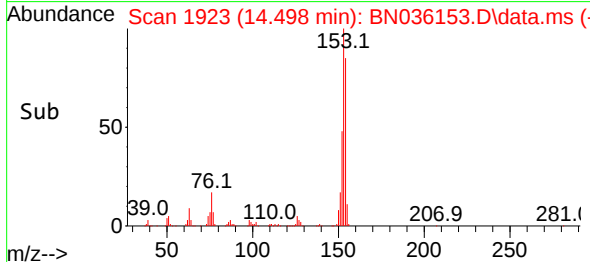
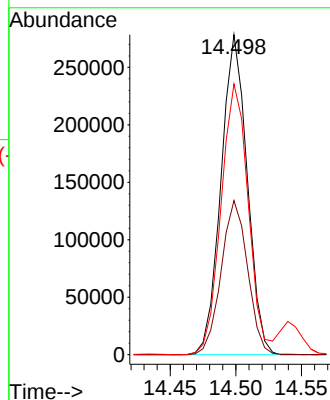
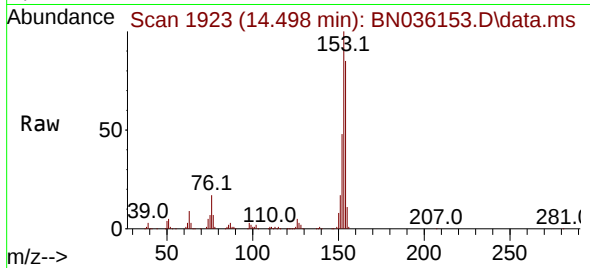




#52
Acenaphthene
Concen: 27.467 ng/ul
RT: 14.498 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

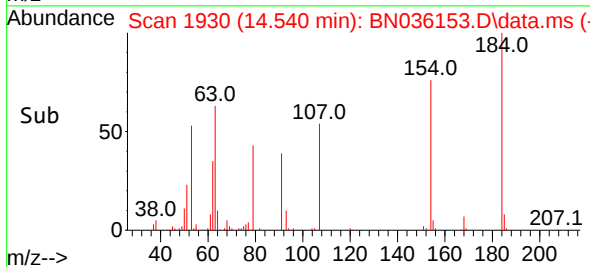
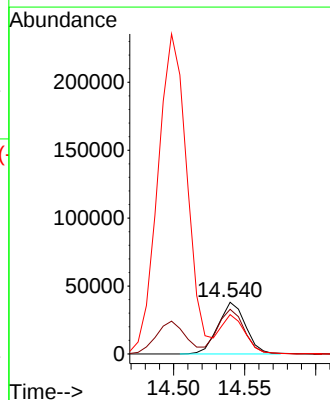
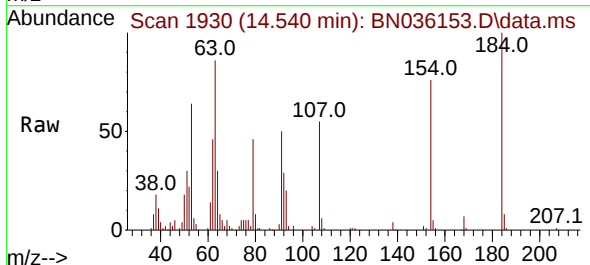
Instrument :
BNA_N
ClientSampleId :
SLCS340

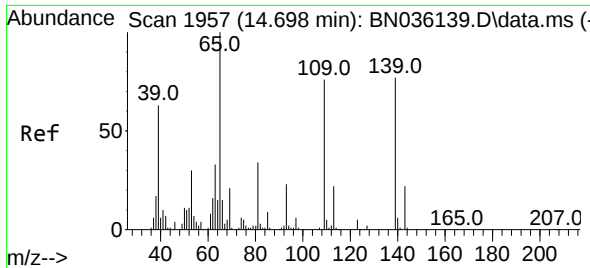
Tgt Ion:153 Resp: 385894
Ion Ratio Lower Upper
153 100
152 48.1 38.1 57.1
154 84.6 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 24.820 ng/ul
RT: 14.540 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:184 Resp: 51305
Ion Ratio Lower Upper
184 100
63 86.3 62.0 93.0
154 76.0 53.0 79.6

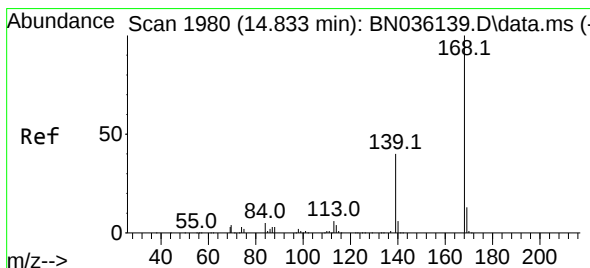
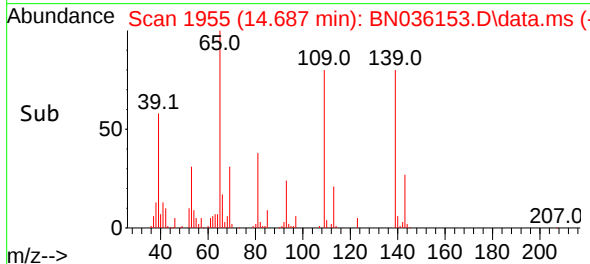
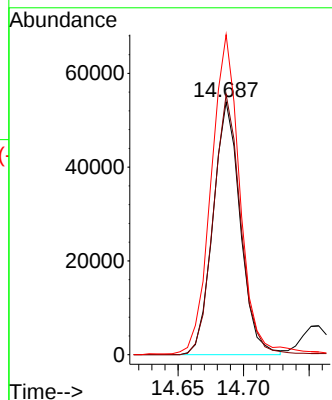
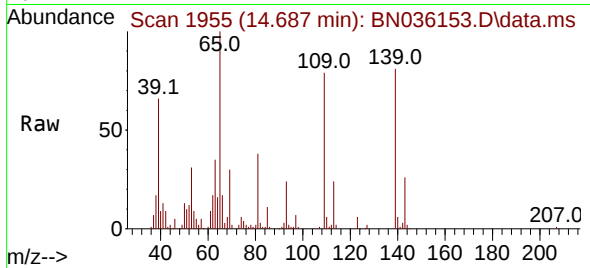




#55
4-Nitrophenol
Concen: 25.297 ng/ul
RT: 14.687 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

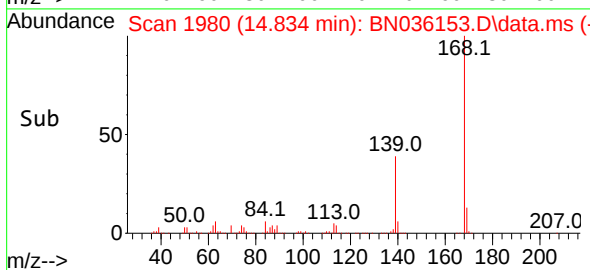
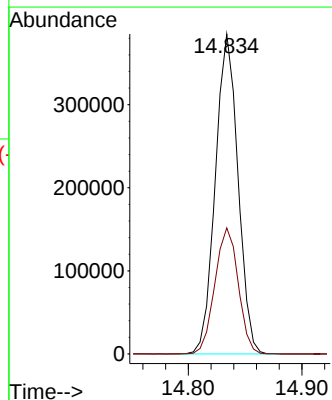
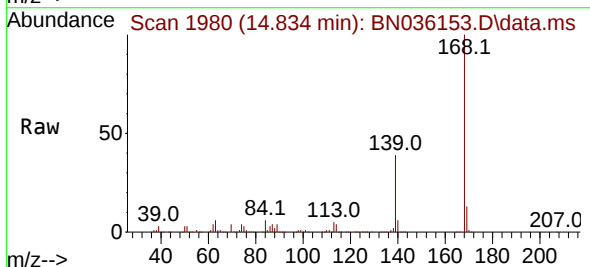
Instrument :
BNA_N
ClientSampleId :
SLCS340

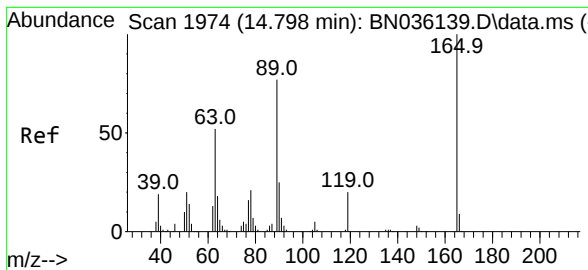
Tgt Ion:109 Resp: 77532
Ion Ratio Lower Upper
109 100
139 102.9 79.3 118.9
65 126.6 97.7 146.5



#56
Dibenzofuran
Concen: 27.414 ng/ul
RT: 14.834 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:168 Resp: 533203
Ion Ratio Lower Upper
168 100
139 39.4 33.8 50.8

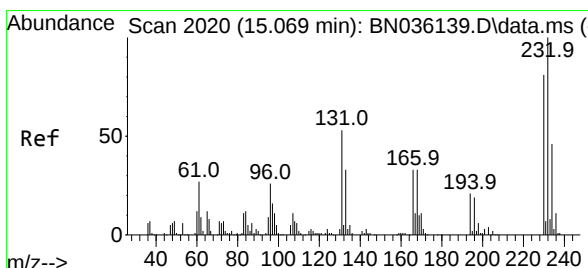
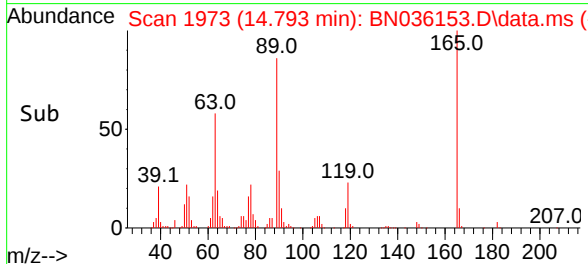
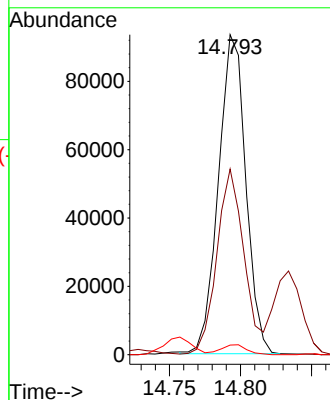
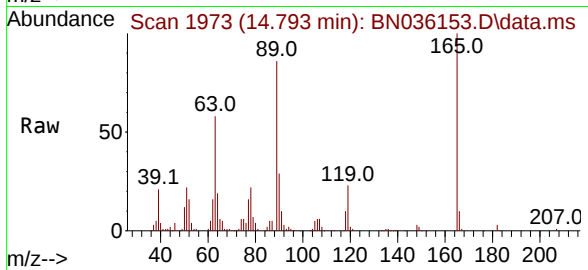




#57
2,4-Dinitrotoluene
Concen: 25.410 ng/ul
RT: 14.793 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

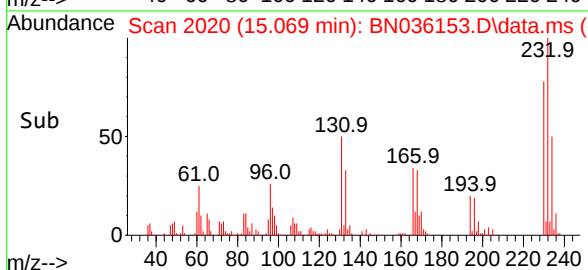
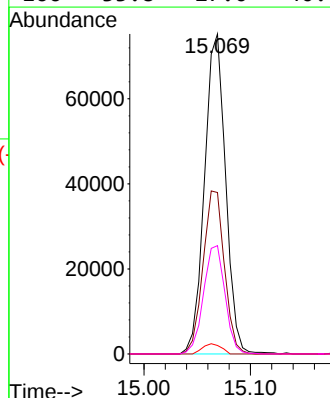
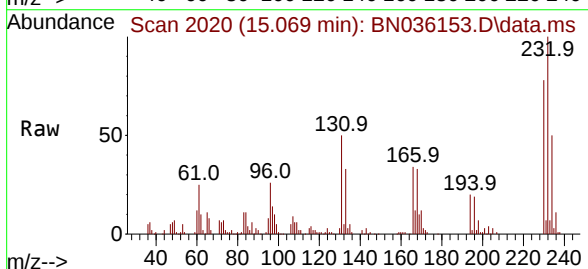
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BNA_N
ClientSampleId :
SLCS340

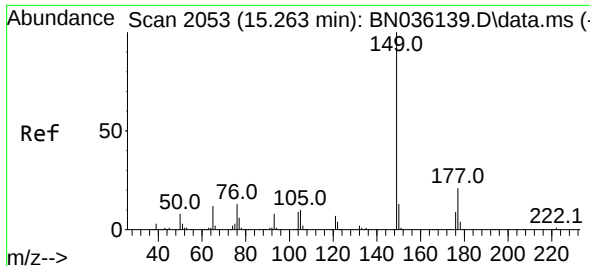
Tgt Ion:165 Resp: 125082
Ion Ratio Lower Upper
165 100
63 58.0 43.8 65.8
182 3.0 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 25.238 ng/ul
RT: 15.069 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:232 Resp: 103747
Ion Ratio Lower Upper
232 100
131 50.5 40.0 60.0
130 2.7 3.0 4.4#
166 33.8 27.0 40.4

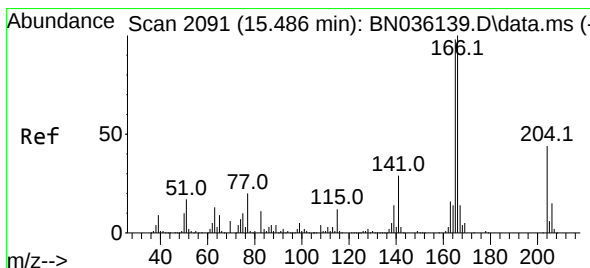
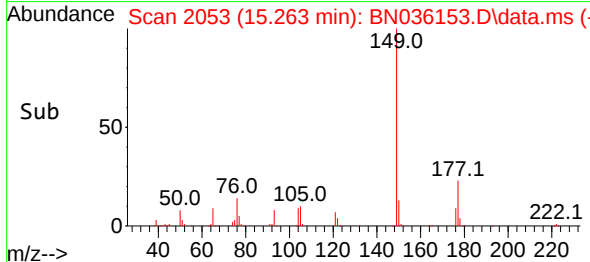
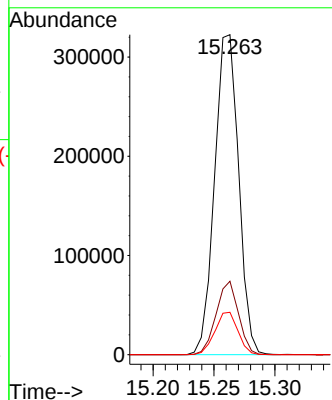
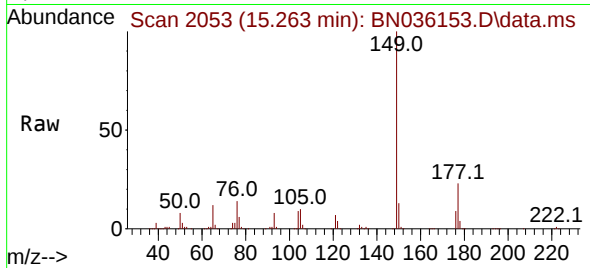




#59
Diethylphthalate
Concen: 25.761 ng/ul
RT: 15.263 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

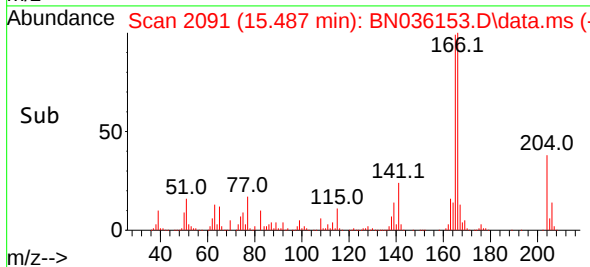
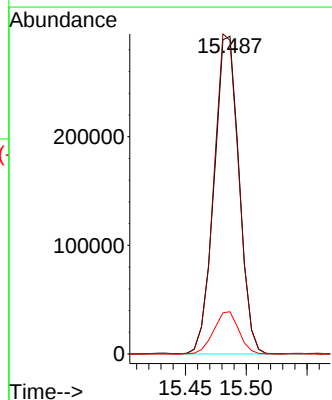
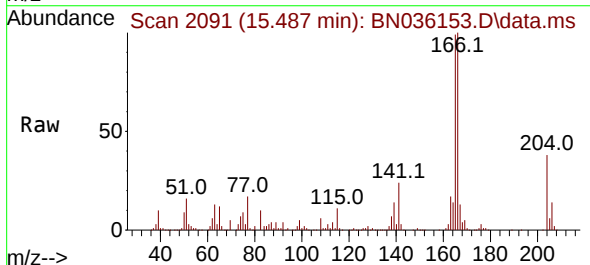
Instrument :
BNA_N
ClientSampleId :
SLCS340

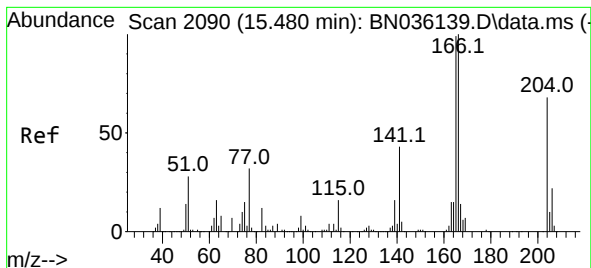
Tgt Ion:149 Resp: 443268
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 13.2 9.8 14.8



#61
Fluorene
Concen: 26.472 ng/ul
RT: 15.487 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:166 Resp: 417530
Ion Ratio Lower Upper
166 100
165 98.7 79.8 119.8
167 13.3 11.2 16.8

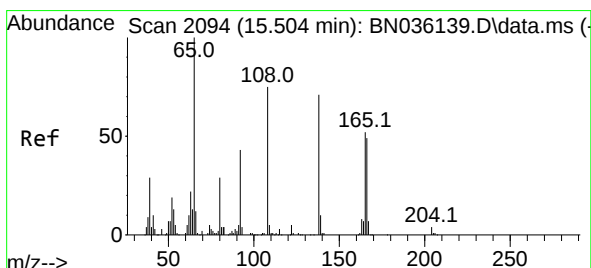
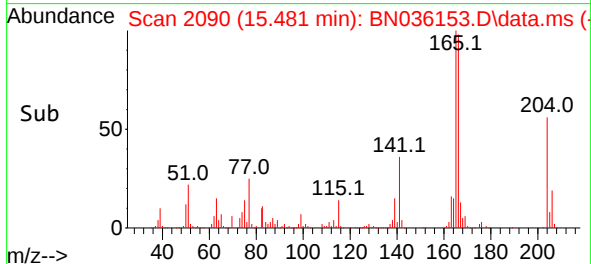
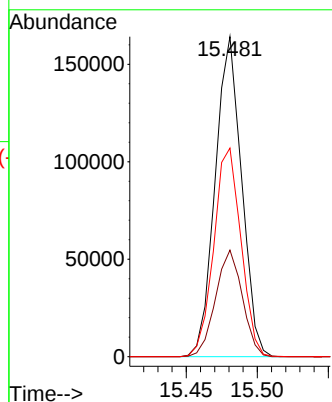
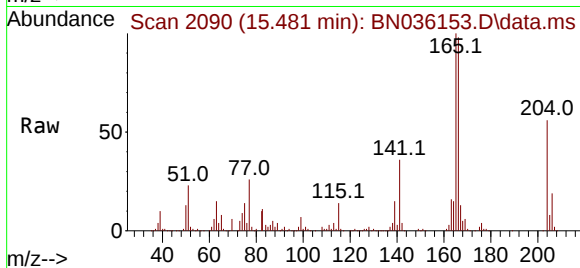




#62
4-Chlorophenyl-phenylether
Concen: 26.049 ng/ul
RT: 15.481 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

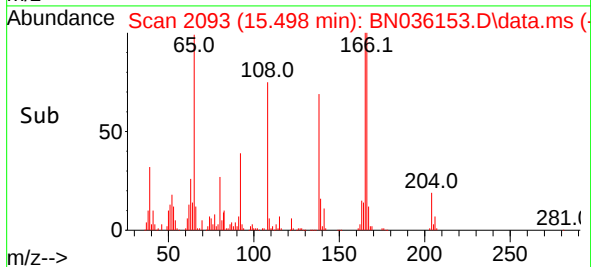
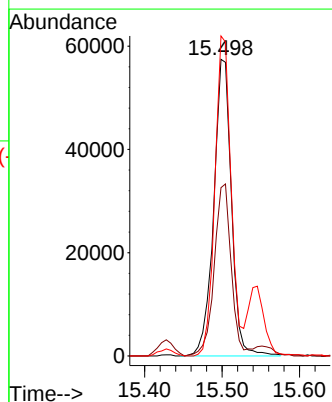
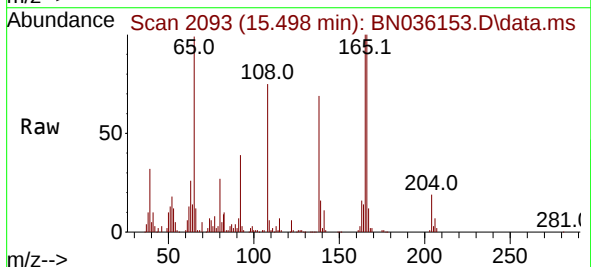
Instrument :
BNA_N
ClientSampleId :
SLCS340

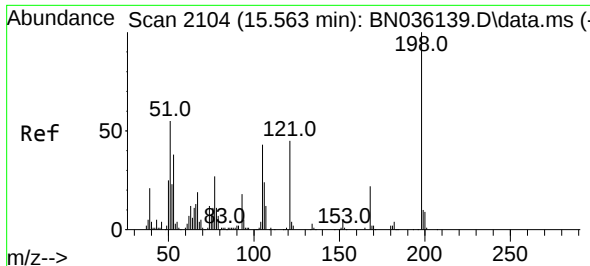
Tgt Ion:204 Resp: 212433
Ion Ratio Lower Upper
204 100
206 33.3 25.5 38.3
141 65.2 51.0 76.4



#63
4-Nitroaniline
Concen: 28.353 ng/ul
RT: 15.498 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:138 Resp: 91438
Ion Ratio Lower Upper
138 100
92 56.7 47.2 70.8
108 107.9 93.0 139.6

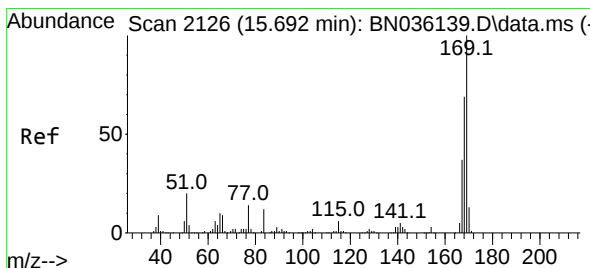
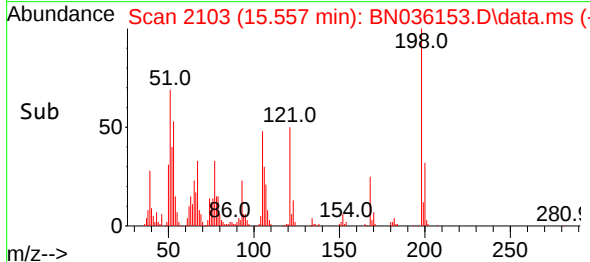
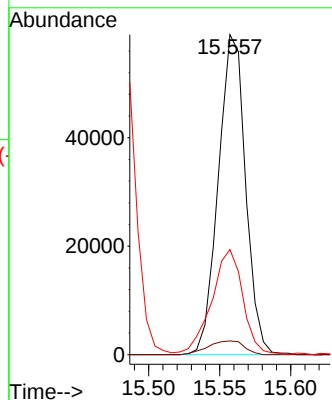
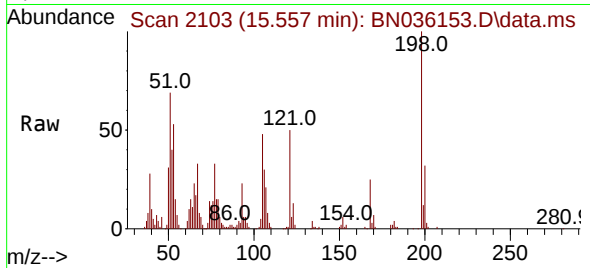




#66
 4,6-Dinitro-2-methylphenol
 Concen: 27.523 ng/ul
 RT: 15.557 min Scan# 2103
 Delta R.T. -0.006 min
 Lab File: BN036153.D
 Acq: 31 Jan 2025 04:11

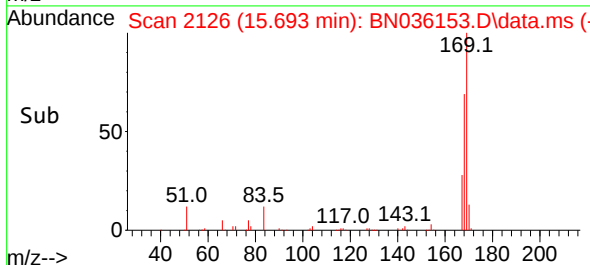
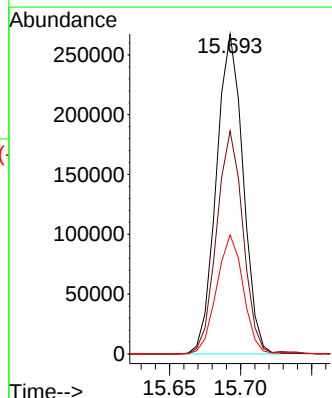
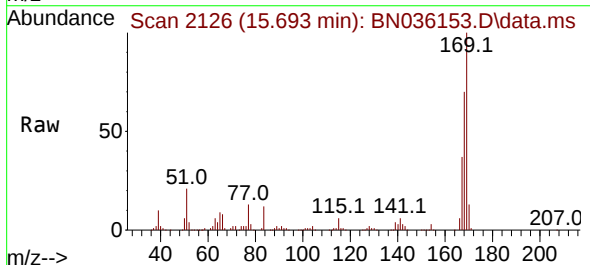
Instrument :
 BNA_N
 ClientSampleId :
 SLCS340

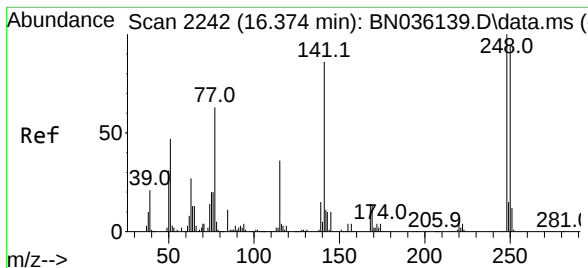
Tgt Ion:198 Resp: 78764
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.5 5.3
 77 32.8 24.6 36.8



#67
 N-Nitrosodiphenylamine
 Concen: 28.379 ng/ul
 RT: 15.693 min Scan# 2126
 Delta R.T. 0.000 min
 Lab File: BN036153.D
 Acq: 31 Jan 2025 04:11

Tgt Ion:169 Resp: 350728
 Ion Ratio Lower Upper
 169 100
 168 69.6 55.1 82.7
 167 37.2 30.3 45.5

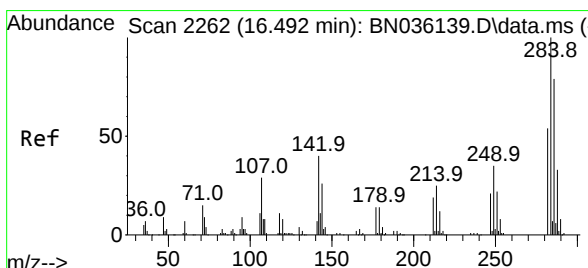
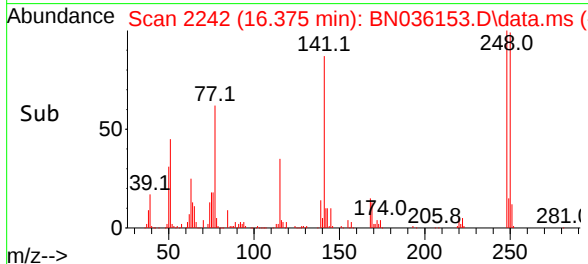
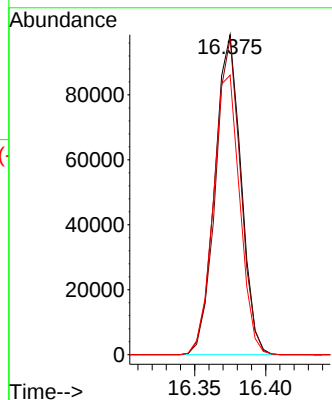
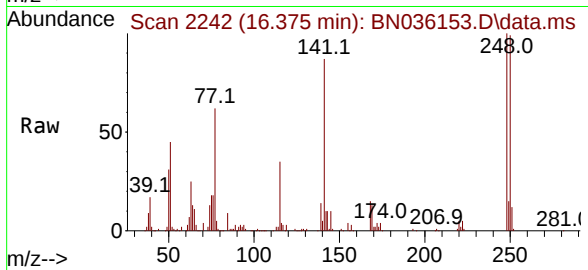




#68
4-Bromophenyl-phenylether
Concen: 28.976 ng/ul
RT: 16.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

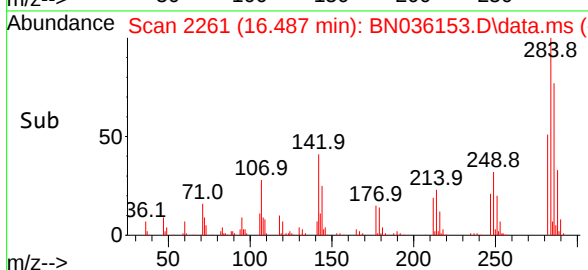
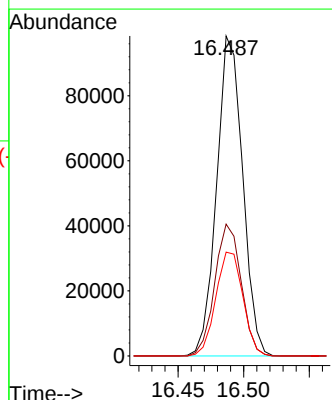
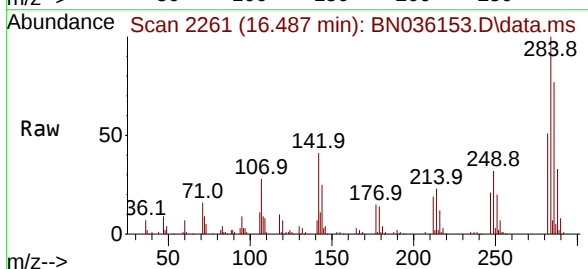
Instrument :
BNA_N
ClientSampleId :
SLCS340

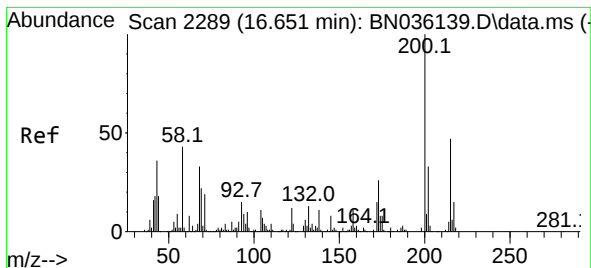
Tgt Ion:248 Resp: 126413
Ion Ratio Lower Upper
248 100
250 98.9 73.0 109.6
141 87.3 65.8 98.8



#69
Hexachlorobenzene
Concen: 28.490 ng/ul
RT: 16.487 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:284 Resp: 135591
Ion Ratio Lower Upper
284 100
142 41.2 32.6 48.8
249 32.4 25.4 38.2





#70

Atrazine

Concen: 26.294 ng/ul

RT: 16.651 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

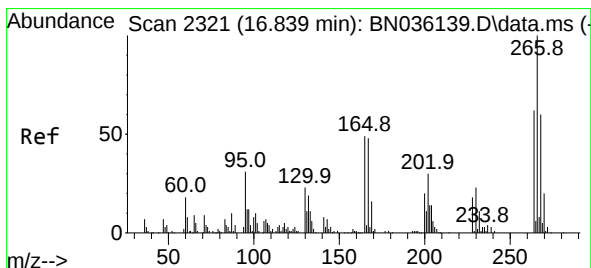
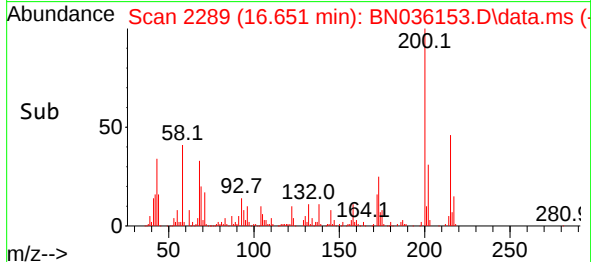
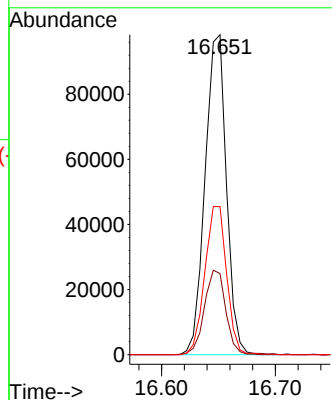
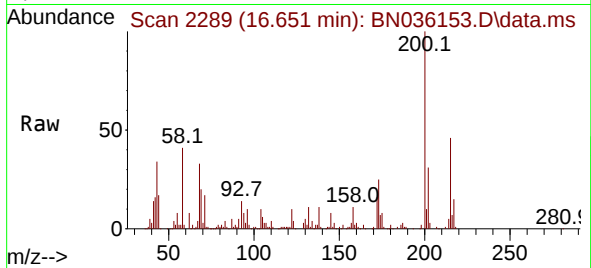
Tgt Ion:200 Resp: 128082

Ion Ratio Lower Upper

200 100

173 25.4 21.6 32.4

215 46.2 38.4 57.6



#71

Pentachlorophenol

Concen: 26.080 ng/ul

RT: 16.834 min Scan# 2320

Delta R.T. -0.006 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

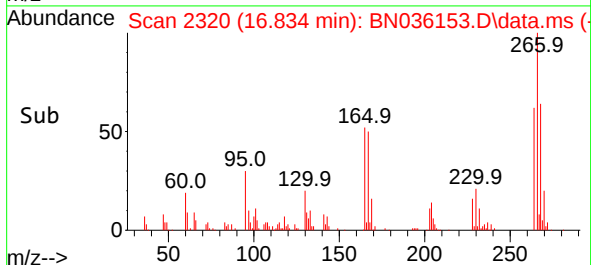
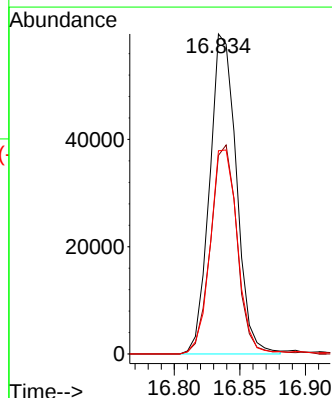
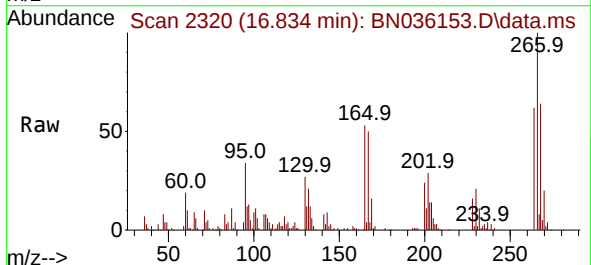
Tgt Ion:266 Resp: 84728

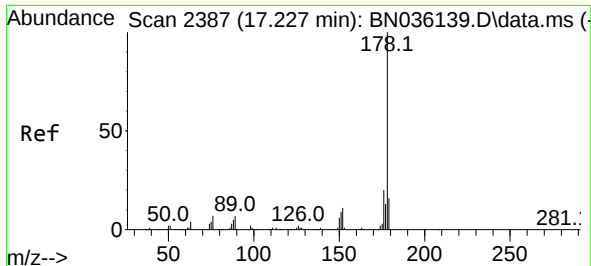
Ion Ratio Lower Upper

266 100

264 62.0 49.4 74.2

268 63.5 47.8 71.6

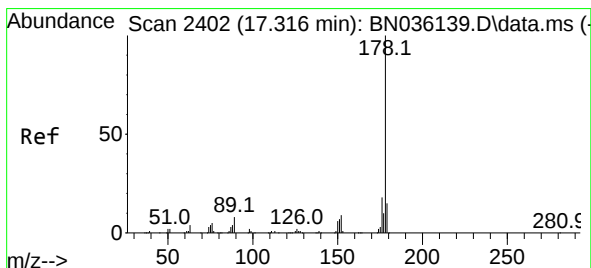
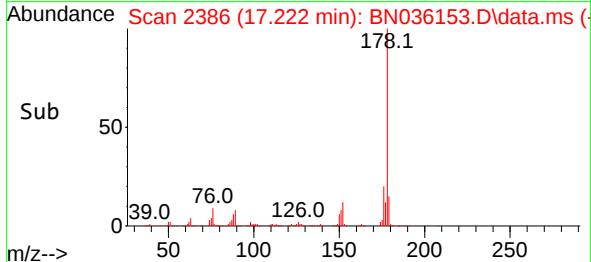
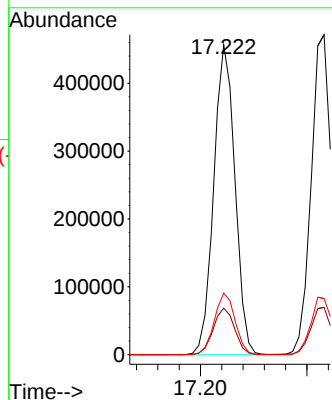
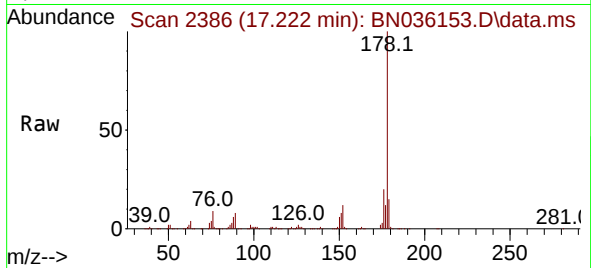




#72
Phenanthrene
Concen: 27.610 ng/u1
RT: 17.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

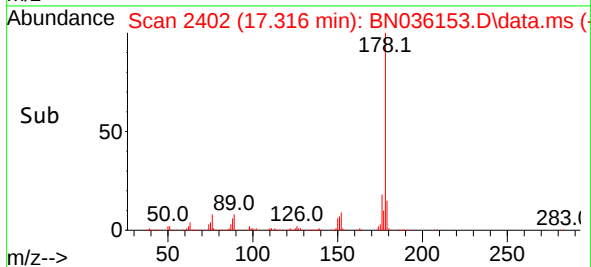
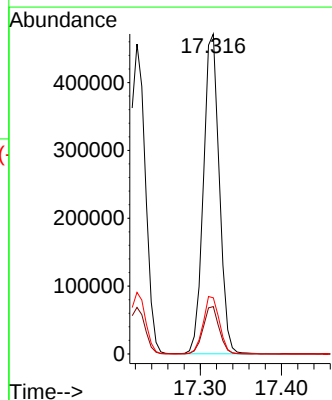
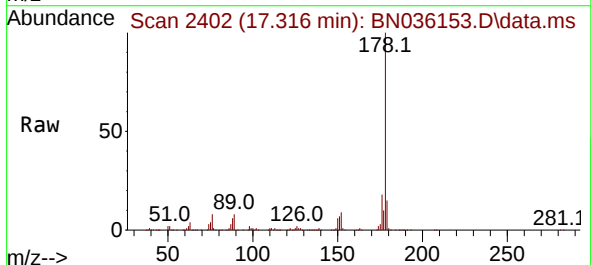
Instrument :
BNA_N
ClientSampleId :
SLCS340

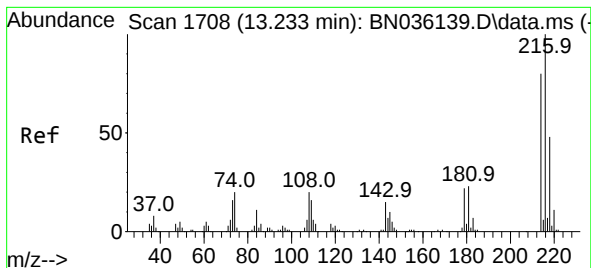
Tgt Ion:178 Resp: 630340
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.2
176 19.9 15.4 23.2



#74
Anthracene
Concen: 27.744 ng/u1
RT: 17.316 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:178 Resp: 637378
Ion Ratio Lower Upper
178 100
179 14.8 12.4 18.6
176 17.6 15.1 22.7

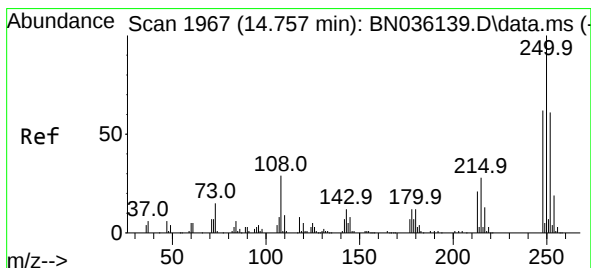
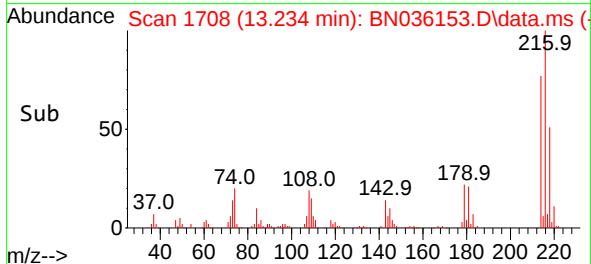
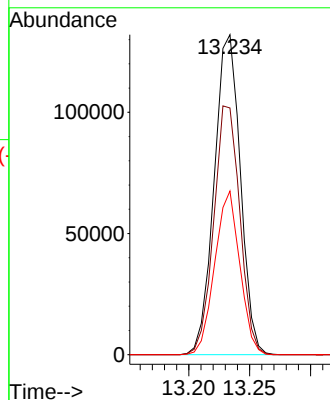
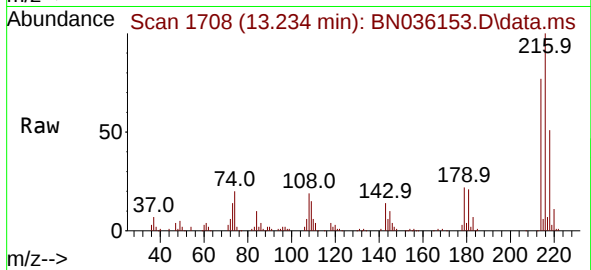




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.187 ng/uL
RT: 13.234 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

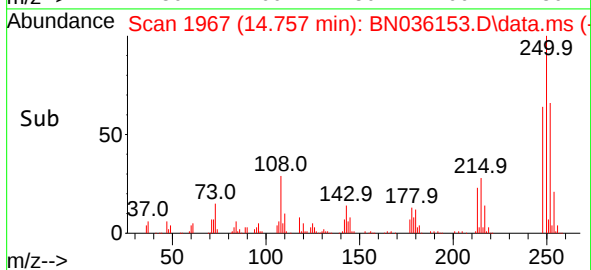
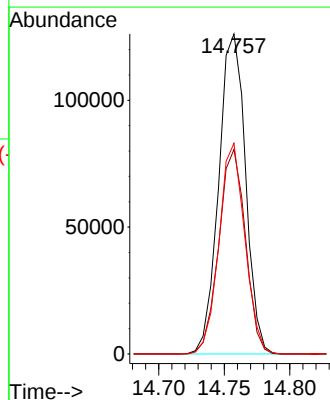
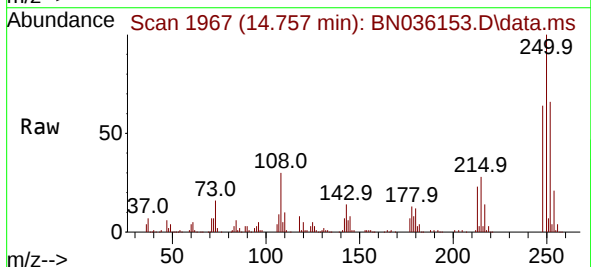
Instrument :
BNA_N
ClientSampleId :
SLCS340

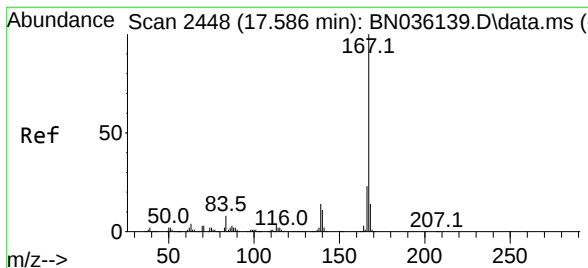
Tgt Ion:216 Resp: 197633
Ion Ratio Lower Upper
216 100
214 77.1 62.6 94.0
218 51.1 37.4 56.0



#76
Pentachlorobenzene
Concen: 28.948 ng/uL
RT: 14.757 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:250 Resp: 179224
Ion Ratio Lower Upper
250 100
248 63.9 49.1 73.7
252 65.9 46.2 69.2





#77

Carbazole

Concen: 27.297 ng/ul

RT: 17.587 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

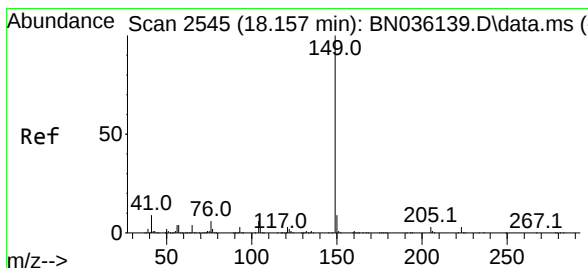
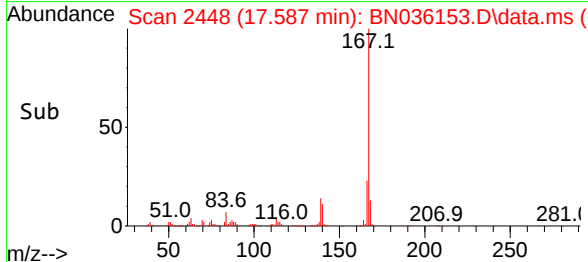
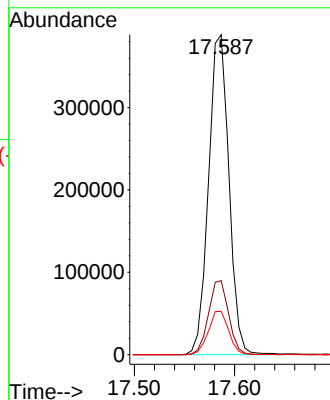
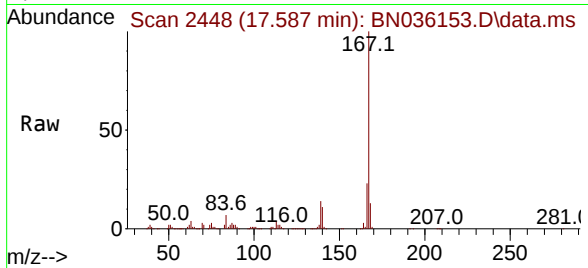
Tgt Ion:167 Resp: 550111

Ion Ratio Lower Upper

167 100

166 23.2 16.8 25.2

139 13.5 10.5 15.7



#78

Di-n-butylphthalate

Concen: 27.306 ng/ul

RT: 18.151 min Scan# 2544

Delta R.T. -0.006 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

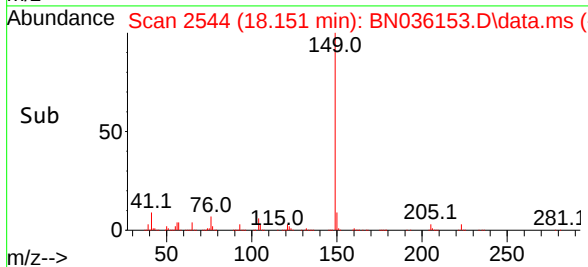
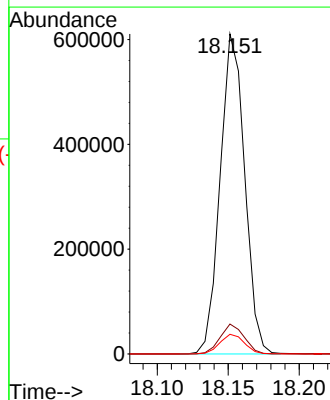
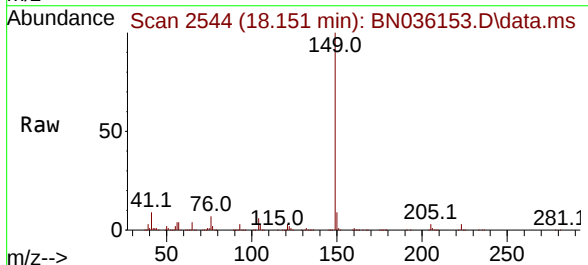
Tgt Ion:149 Resp: 733002

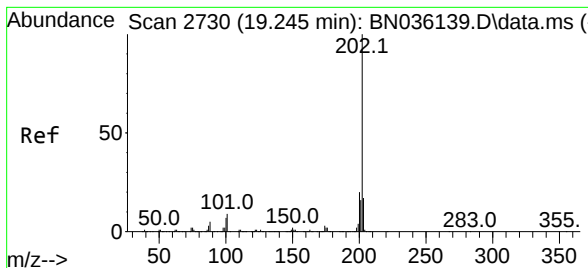
Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

104 6.1 4.9 7.3





#80

Fluoranthene

Concen: 26.271 ng/ul

RT: 19.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

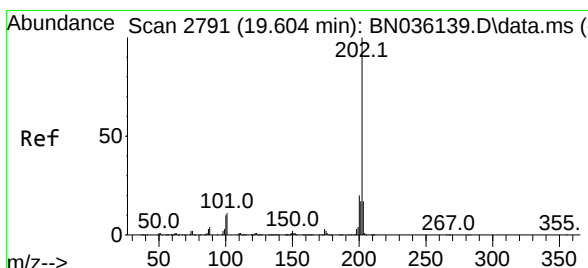
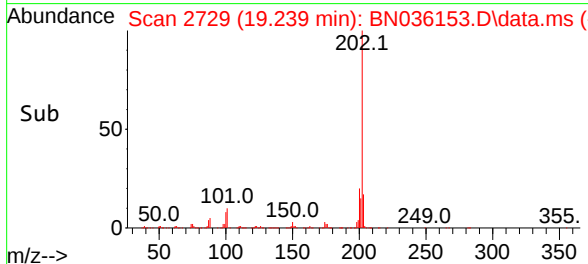
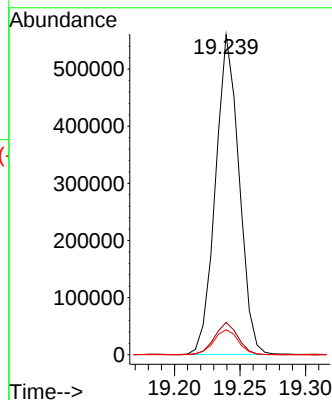
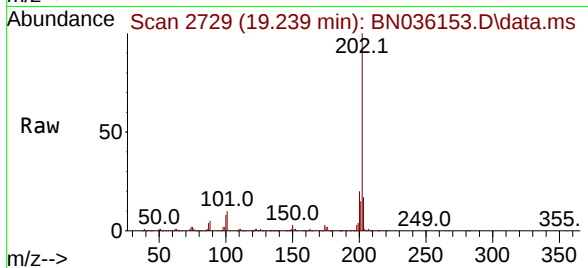
Tgt Ion:202 Resp: 699390

Ion Ratio Lower Upper

202 100

101 10.1 8.4 12.6

100 7.8 7.0 10.6



#82

Pyrene

Concen: 25.644 ng/ul

RT: 19.604 min Scan# 2791

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

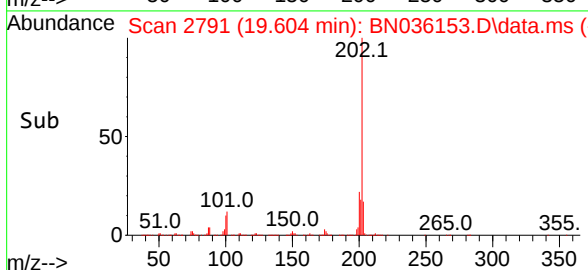
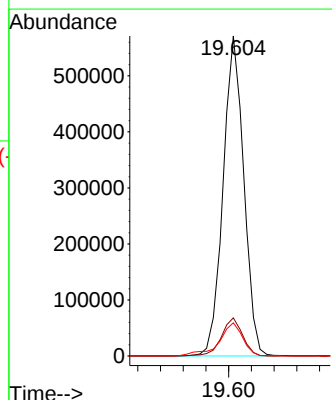
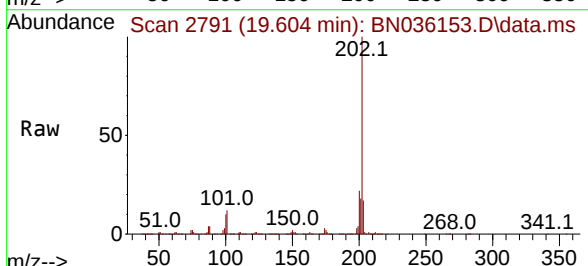
Tgt Ion:202 Resp: 723752

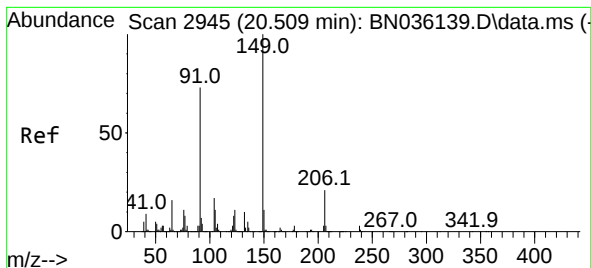
Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.0

100 10.4 8.1 12.1





#83

Butylbenzylphthalate

Concen: 24.766 ng/ul

RT: 20.510 min Scan# 2945

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

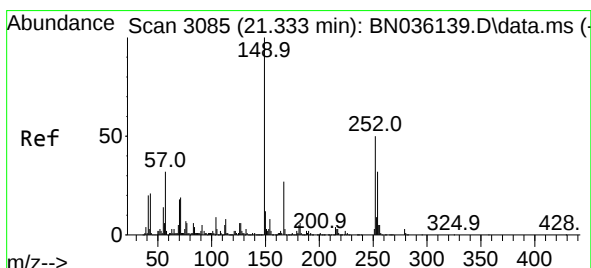
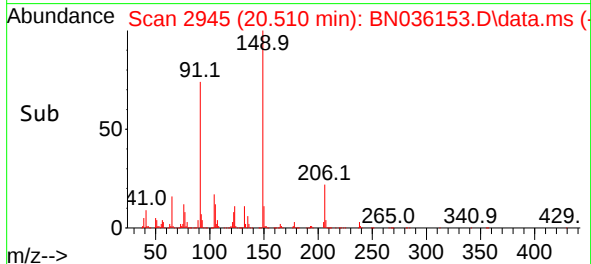
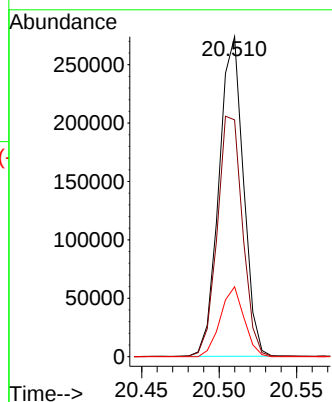
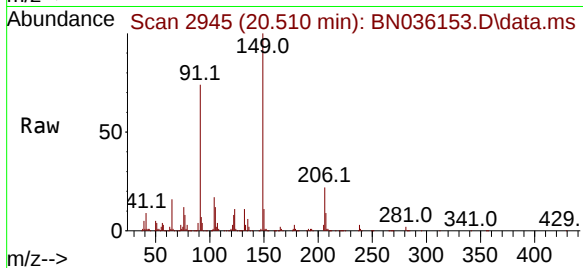
Tgt Ion:149 Resp: 300565

Ion Ratio Lower Upper

149 100

91 74.0 60.2 90.4

206 21.8 16.3 24.5



#84

3,3'-Dichlorobenzidine

Concen: 31.095 ng/ul

RT: 21.333 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

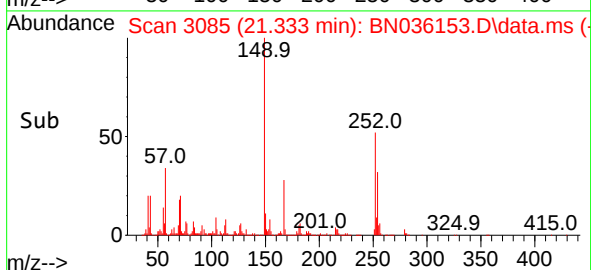
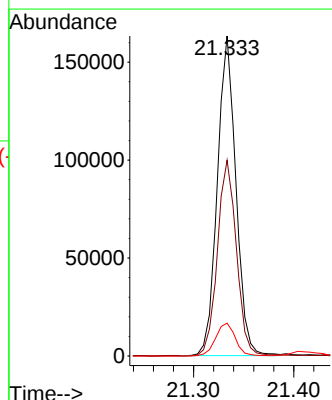
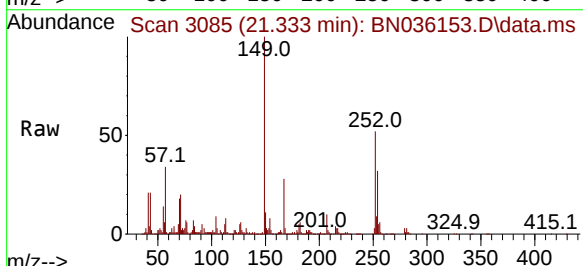
Tgt Ion:252 Resp: 210151

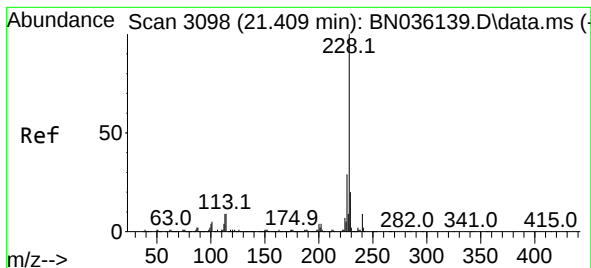
Ion Ratio Lower Upper

252 100

254 61.2 52.3 78.5

126 10.3 9.0 13.6





#85

Benzo(a)anthracene

Concen: 27.796 ng/ul

RT: 21.410 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

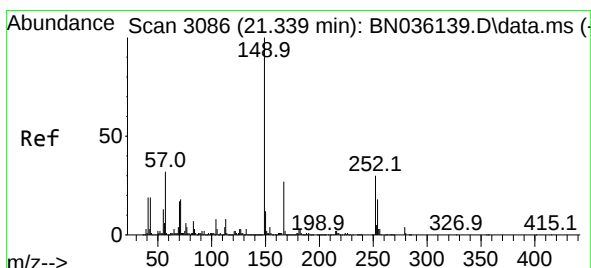
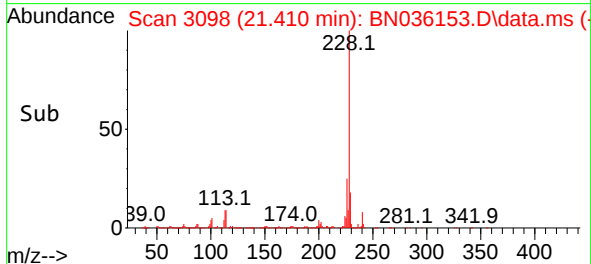
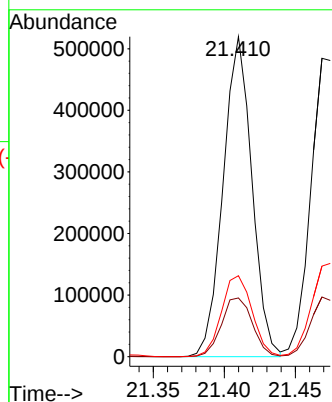
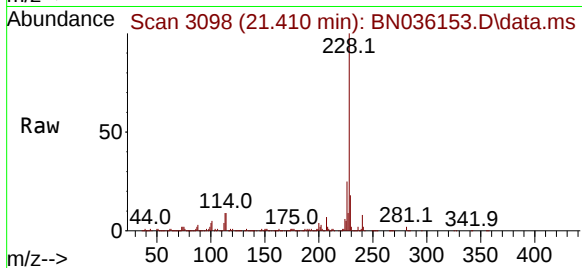
Tgt Ion:228 Resp: 731305

Ion Ratio Lower Upper

228 100

229 18.4 16.2 24.4

226 25.3 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 27.295 ng/ul

RT: 21.339 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

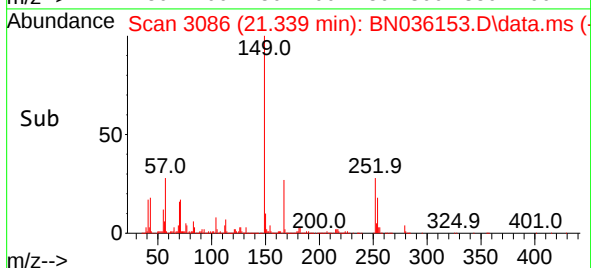
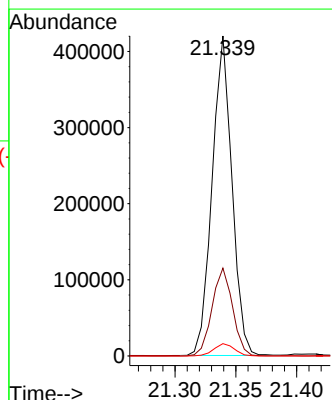
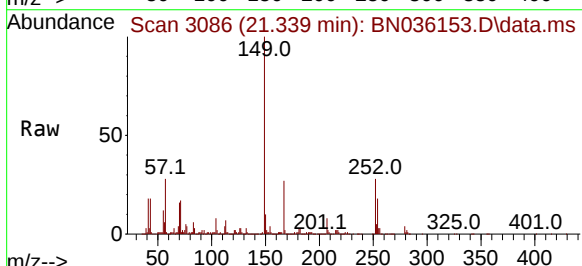
Tgt Ion:149 Resp: 475924

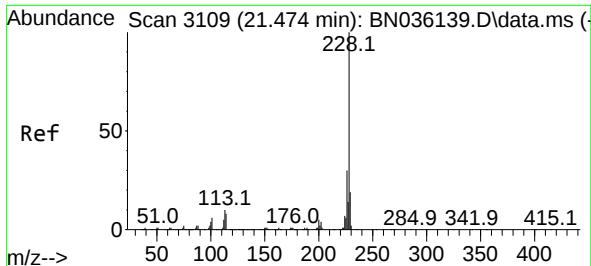
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 3.9 3.0 4.6

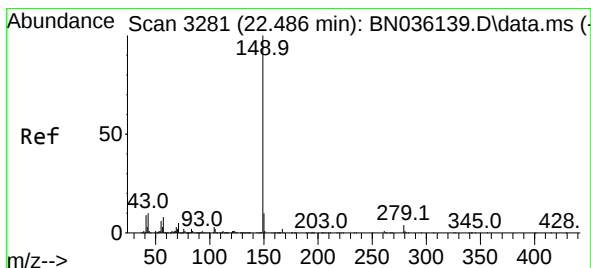
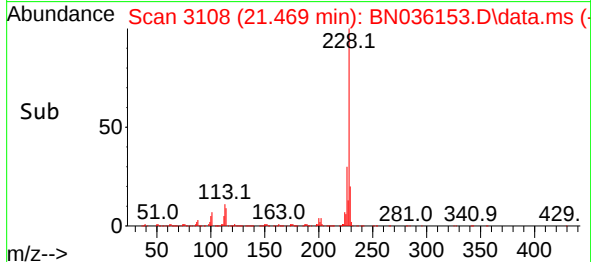
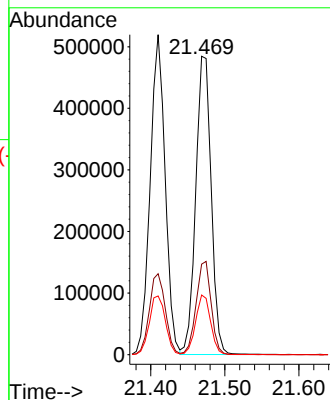
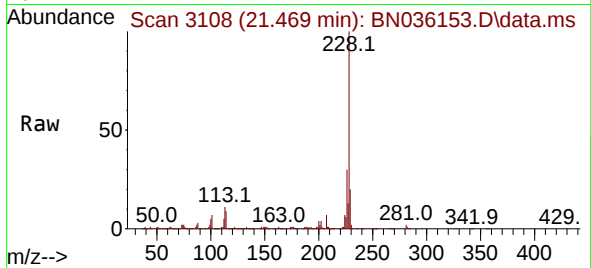




#87
Chrysene
Concen: 28.087 ng/ul
RT: 21.469 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

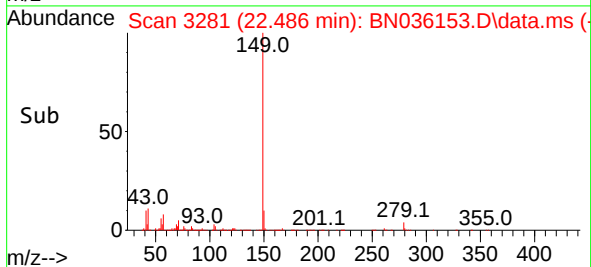
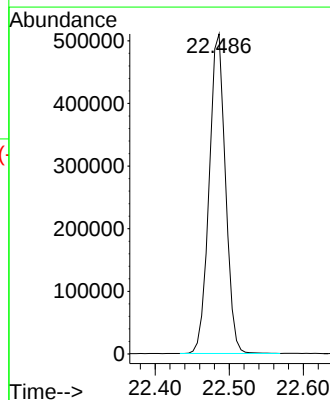
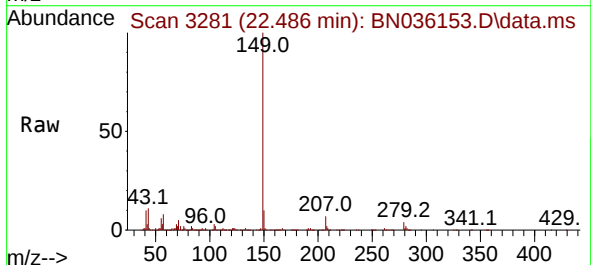
Instrument :
BNA_N
ClientSampleId :
SLCS340

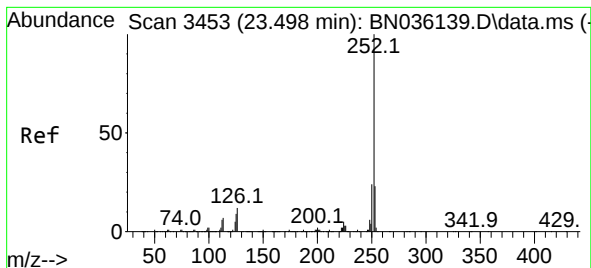
Tgt Ion:228 Resp: 700640
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.2
229 20.0 15.0 22.4



#89
Di-n-octyl phthalate
Concen: 23.074 ng/ul
RT: 22.486 min Scan# 3281
Delta R.T. 0.000 min
Lab File: BN036153.D
Acq: 31 Jan 2025 04:11

Tgt Ion:149 Resp: 779861





#90

Benzo(b)fluoranthene

Concen: 26.499 ng/ul

RT: 23.498 min Scan# 3453

Delta R.T. -0.006 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

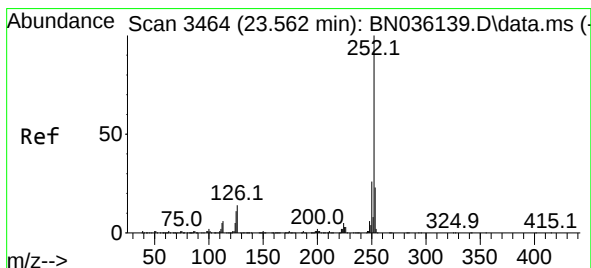
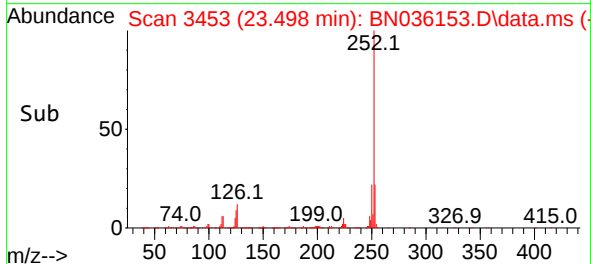
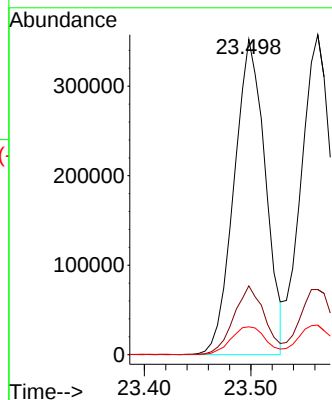
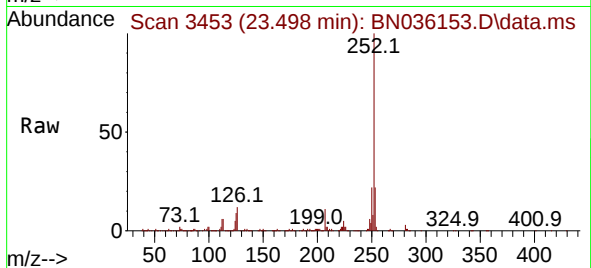
Tgt Ion:252 Resp: 720674

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 8.8 7.9 11.9



#91

Benzo(k)fluoranthene

Concen: 26.488 ng/ul

RT: 23.563 min Scan# 3464

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

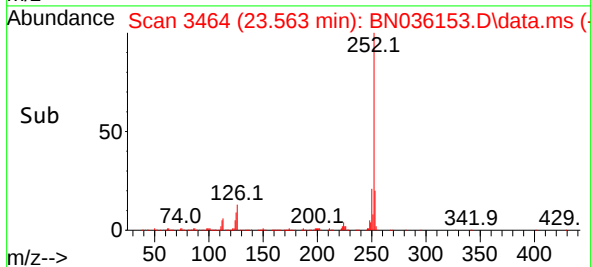
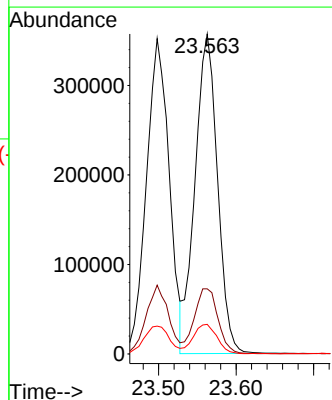
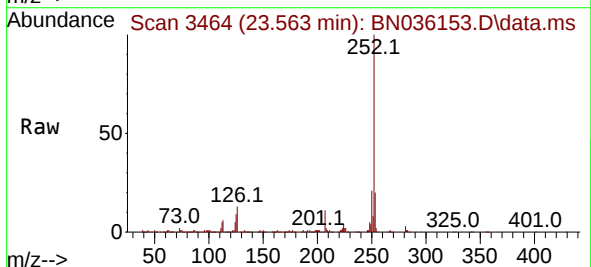
Tgt Ion:252 Resp: 717268

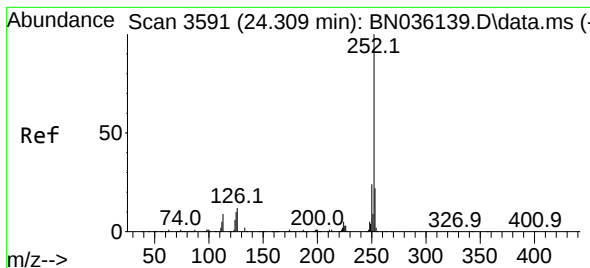
Ion Ratio Lower Upper

252 100

253 20.4 17.0 25.6

125 9.3 7.3 10.9





#93

Benzo(a)pyrene

Concen: 27.658 ng/ul

RT: 24.316 min Scan# 3592

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

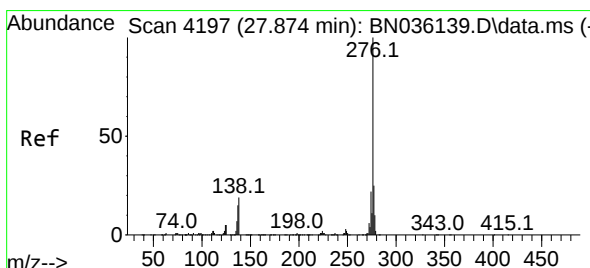
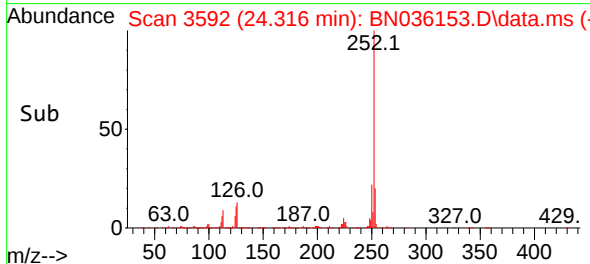
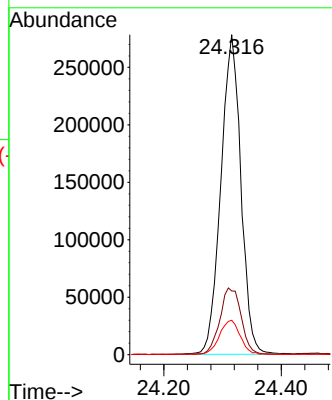
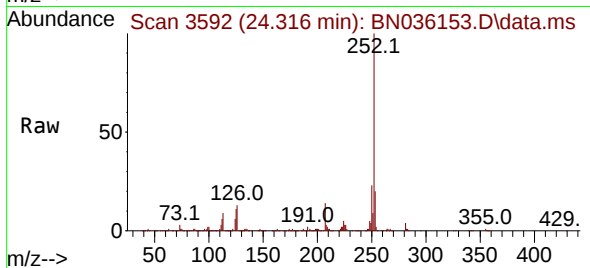
Tgt Ion:252 Resp: 657419

Ion Ratio Lower Upper

252 100

253 19.9 17.0 25.6

125 10.8 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 34.086 ng/ul

RT: 27.880 min Scan# 4198

Delta R.T. 0.000 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

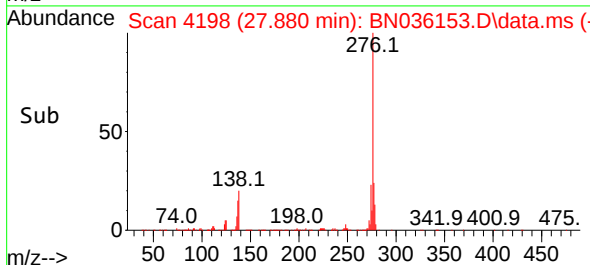
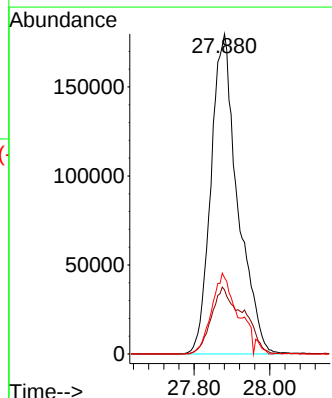
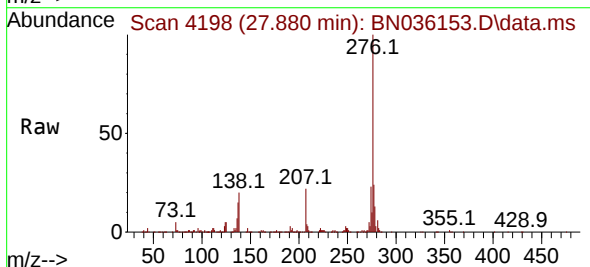
Tgt Ion:276 Resp: 881548

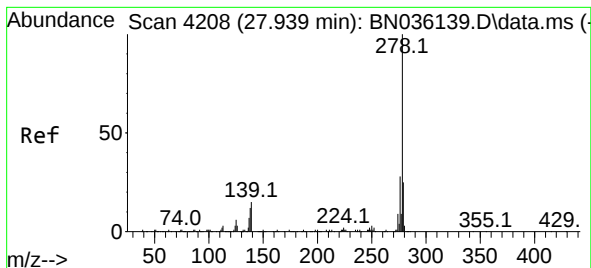
Ion Ratio Lower Upper

276 100

138 20.1 15.8 23.6

277 23.8 19.0 28.6





#95

Dibenzo(a,h)anthracene

Concen: 34.338 ng/ul

RT: 27.933 min Scan# 4378

Delta R.T. -0.012 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS340

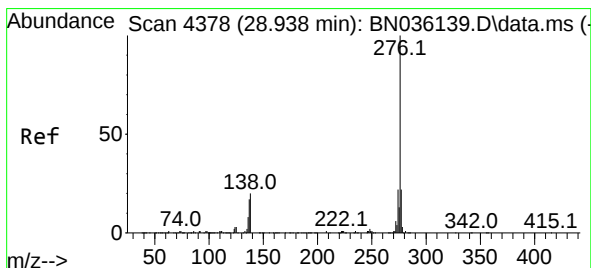
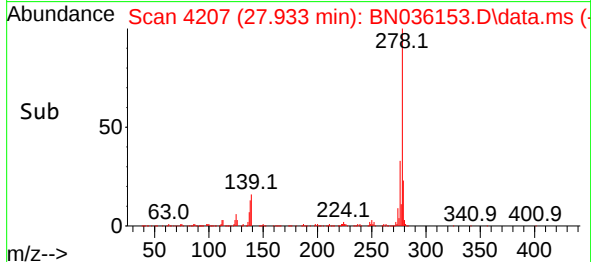
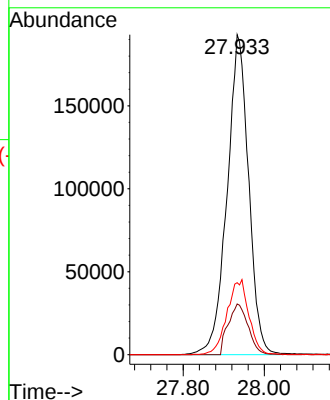
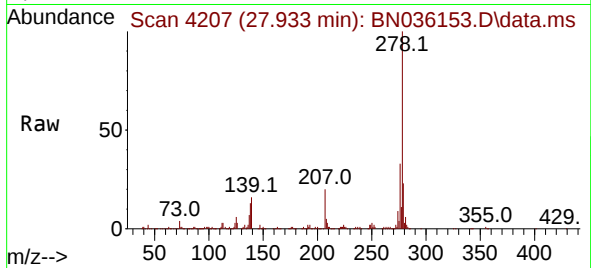
Tgt Ion:278 Resp: 708280

Ion Ratio Lower Upper

278 100

139 15.9 12.4 18.6

279 22.5 20.5 30.7



#96

Benzo(g,h,i)perylene

Concen: 35.098 ng/ul

RT: 28.945 min Scan# 4379

Delta R.T. 0.012 min

Lab File: BN036153.D

Acq: 31 Jan 2025 04:11

Tgt Ion:276 Resp: 690847

Ion Ratio Lower Upper

276 100

138 19.4 16.0 24.0

277 23.2 17.9 26.9

