

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031648.D
 Acq On : 24 May 2024 01:28
 Operator : MA/JU
 Sample : PB161044BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS044

Quant Time: May 24 01:58:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	490559	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2006644	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1037410	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	1668247	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1279632	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1587529	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	76566	6.186	ng/uL	0.00
4) Pyridine-d5	3.599	84	1087167	31.477	ng/u1	0.00
7) Phenol-d5	6.858	99	1316883	32.611	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	771509	31.854	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	1046945	33.646	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	999454	31.971	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	495586	32.633	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	480132	33.108	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	896575	31.619	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	1249570	30.571	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	2150047	32.886	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2715764	33.143	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	368384	29.780	ng/u1	0.00
60) Fluorene-d10	15.322	176	1747847	30.849	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	207756	28.805	ng/u1	0.00
73) Anthracene-d10	17.169	188	2274601	32.209	ng/u1	0.00
81) Pyrene-d10	19.463	212	2291163	28.545	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	2432189	32.548	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	157785	12.099	ng/uL	97
5) Pyridine	3.622	79	1056616	31.084	ng/u1	97
6) Benzaldehyde	6.840	77	768651	37.162	ng/u1	97
8) Phenol	6.881	94	1333748	32.136	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	1045800	30.365	ng/u1	99
12) 2-Chlorophenol	7.258	128	1037019	31.778	ng/u1	98
13) 2-Methylphenol	8.128	108	970320	31.210	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	1177491	29.598	ng/u1	99
16) Acetophenone	8.510	105	1512156	31.011	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.499	70	729194	29.108	ng/u1	99
18) 4-Methylphenol	8.457	108	1039390	31.458	ng/u1	99
19) Hexachloroethane	8.763	117	428834	30.756	ng/u1	94
22) Nitrobenzene	8.887	77	1114009	29.944	ng/u1	97
23) Isophorone	9.410	82	2083821	29.446	ng/u1	99
25) 2-Nitrophenol	9.593	139	525046	32.483	ng/u1	98
26) 2,4-Dimethylphenol	9.652	107	899729	27.249	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.893	93	1304278	28.911	ng/u1	100
29) 2,4-Dichlorophenol	10.122	162	887201	31.561	ng/u1	97
30) Naphthalene	10.522	128	3081694	29.841	ng/u1	99
32) 4-Chloroaniline	10.634	127	1145034	28.710	ng/u1	99
33) Hexachlorobutadiene	10.804	225	525421	30.545	ng/u1	98
34) Caprolactam	11.404	113	268967	29.543	ng/u1	98
35) 4-Chloro-3-methylphenol	11.757	107	907478	29.727	ng/u1	97
36) 2-Methylnaphthalene	12.140	142	2006270	29.687	ng/u1	98

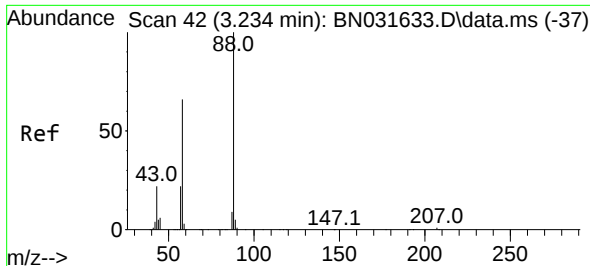
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1987918	29.716	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.504	216	953535	32.478	ng/ul	99
40) Hexachlorocyclopentadiene	12.487	237	415835	23.627	ng/ul	100
41) 2,4,6-Trichlorophenol	12.751	196	603655	33.272	ng/ul	94
42) 2,4,5-Trichlorophenol	12.816	196	639887	32.581	ng/ul	96
43) 1,1'-Biphenyl	13.163	154	2437241	32.587	ng/ul	100
44) 2-Chloronaphthalene	13.198	162	1859187	31.394	ng/ul	100
45) 2-Nitroaniline	13.404	65	507558	32.739	ng/ul	99
47) Dimethylphthalate	13.793	163	2063611	30.933	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	409494	32.208	ng/ul	99
50) Acenaphthylene	14.051	152	2925139	30.924	ng/ul	99
51) 3-Nitroaniline	14.234	138	460830	31.933	ng/ul	98
52) Acenaphthene	14.392	153	1861255	30.370	ng/ul	94
53) 2,4-Dinitrophenol	14.440	184	147477	25.259	ng/ul	97
55) 4-Nitrophenol	14.540	109	267485	28.698	ng/ul	97
56) Dibenzofuran	14.728	168	2510039	30.679	ng/ul	97
57) 2,4-Dinitrotoluene	14.692	165	540157	31.713	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	437063	30.635	ng/ul	98
59) Diethylphthalate	15.163	149	1922464	30.583	ng/ul	97
61) Fluorene	15.375	166	1927330	30.073	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	913726	29.615	ng/ul	92
63) 4-Nitroaniline	15.398	138	438175	33.855	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.457	198	229848	29.059	ng/ul#	91
67) N-Nitrosodiphenylamine	15.592	169	1617006	32.927	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	539037	32.092	ng/ul	93
69) Hexachlorobenzene	16.375	284	564664	31.148	ng/ul	97
70) Atrazine	16.545	200	461122	34.889	ng/ul	99
71) Pentachlorophenol	16.722	266	324730	31.405	ng/ul	93
72) Phenanthrene	17.116	178	2599327	30.702	ng/ul	99
74) Anthracene	17.204	178	2551563	30.038	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	916298	34.551	ng/uL	96
76) Pentachlorobenzene	14.645	250	794940	33.102	ng/uL	94
77) Carbazole	17.475	167	2355870	32.501	ng/ul	100
78) Di-n-butylphthalate	18.051	149	2711856	32.583	ng/ul	99
80) Fluoranthene	19.133	202	2676982	26.982	ng/ul	98
82) Pyrene	19.492	202	2829613	27.811	ng/ul	98
83) Butylbenzylphthalate	20.404	149	1054781	30.546	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.210	252	780734	31.731	ng/ul	100
85) Benzo(a)anthracene	21.280	228	2685152	31.205	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	1443672	30.534	ng/ul	100
87) Chrysene	21.345	228	2514823	31.639	ng/ul	96
89) Di-n-octyl phthalate	22.333	149	2471730	27.241	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2858680	30.857	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	2795685	29.604	ng/ul	100
93) Benzo(a)pyrene	24.098	252	2457079	27.611	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	3557273	33.307	ng/ul	99
95) Dibenzo(a,h)anthracene	27.604	278	2864608	32.570	ng/ul	98
96) Benzo(g,h,i)perylene	28.580	276	2793979	31.663	ng/ul	97

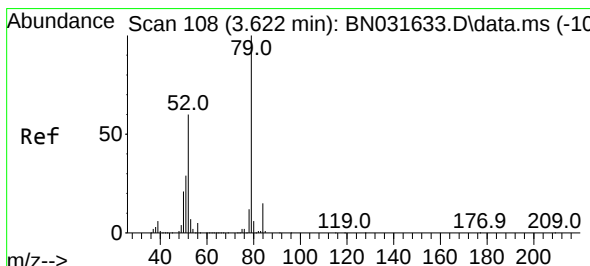
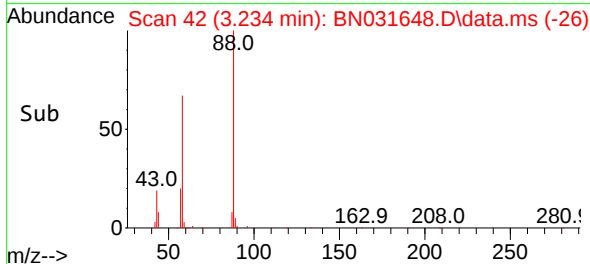
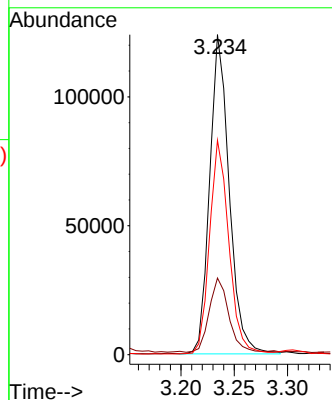
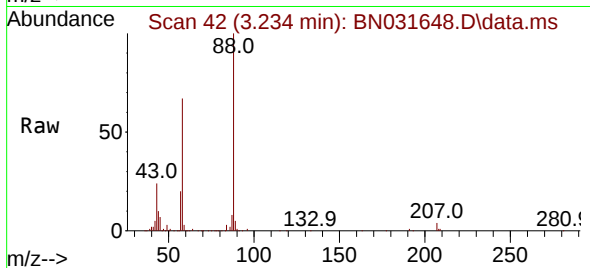
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#2
 1,4-Dioxane
 Concen: 12.099 ng/uL
 RT: 3.234 min Scan# 42
 Delta R.T. -0.006 min
 Lab File: BN031648.D
 Acq: 24 May 2024 01:28

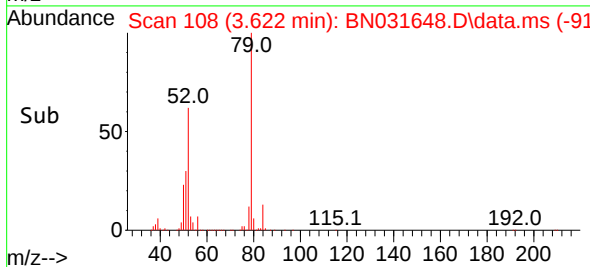
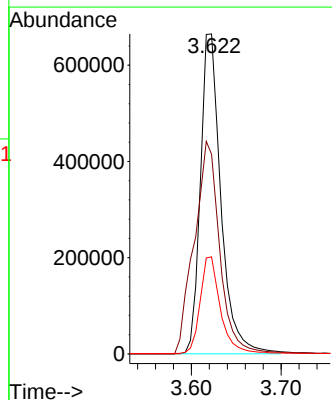
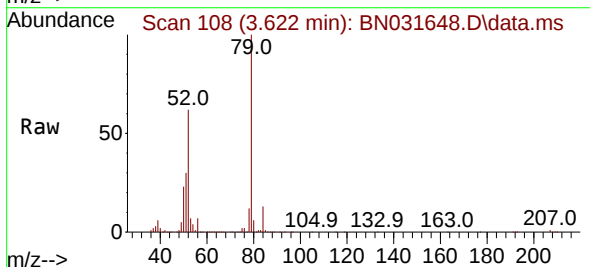
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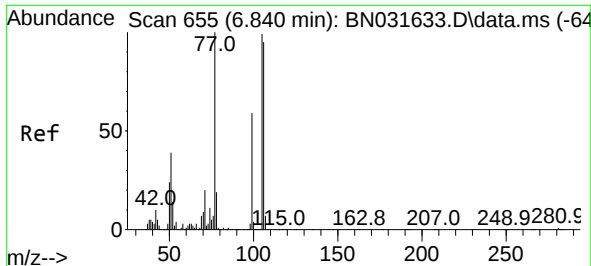
Tgt Ion: 88 Resp: 157785
 Ion Ratio Lower Upper
 88 100
 43 24.0 18.3 27.5
 58 67.0 55.5 83.3



#5
 Pyridine
 Concen: 31.084 ng/uL
 RT: 3.622 min Scan# 108
 Delta R.T. 0.000 min
 Lab File: BN031648.D
 Acq: 24 May 2024 01:28

Tgt Ion: 79 Resp: 1056616
 Ion Ratio Lower Upper
 79 100
 52 62.4 52.3 78.5
 51 30.4 24.4 36.6

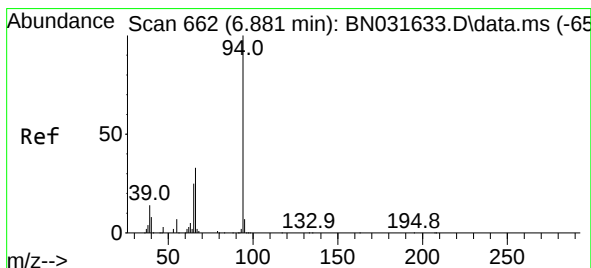
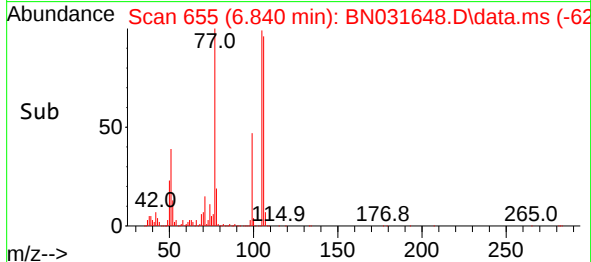
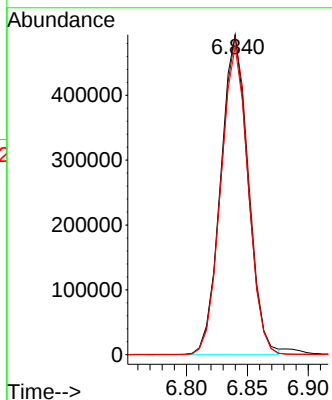
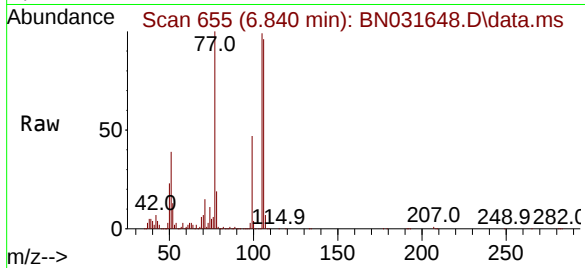




#6
Benzaldehyde
Concen: 37.162 ng/ul
RT: 6.840 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

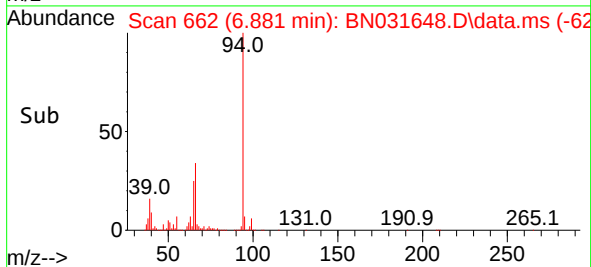
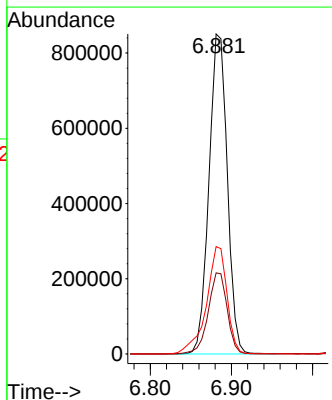
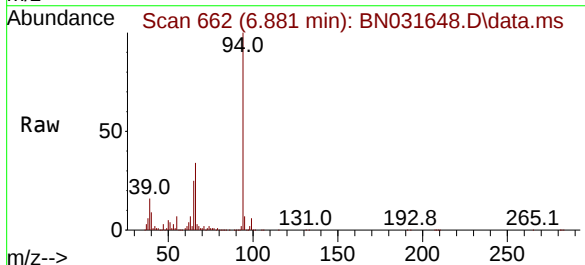
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ClientSampleId :
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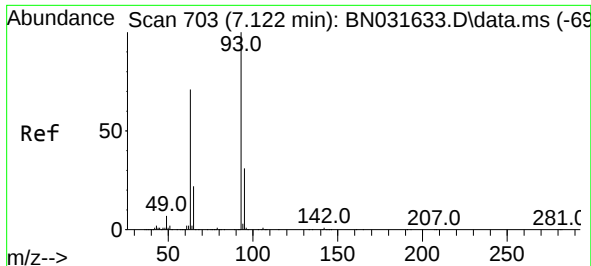
Tgt Ion: 77 Resp: 768651
Ion Ratio Lower Upper
77 100
105 99.3 82.1 123.1
106 96.3 75.5 113.3



#8
Phenol
Concen: 32.136 ng/ul
RT: 6.881 min Scan# 662
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion: 94 Resp: 1333748
Ion Ratio Lower Upper
94 100
65 25.4 20.8 31.2
66 33.5 26.7 40.1



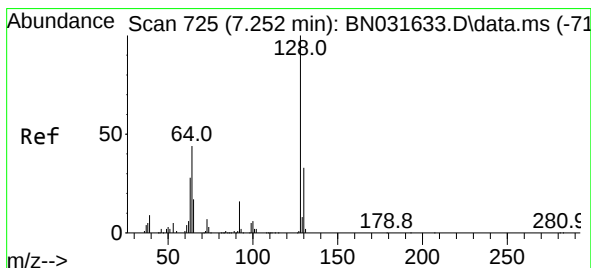
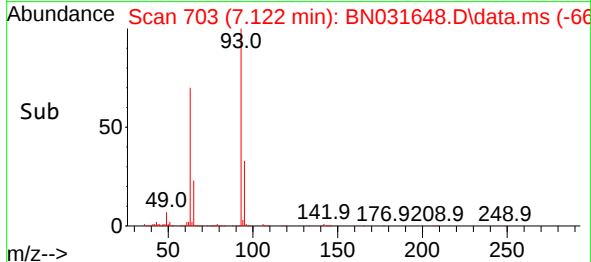
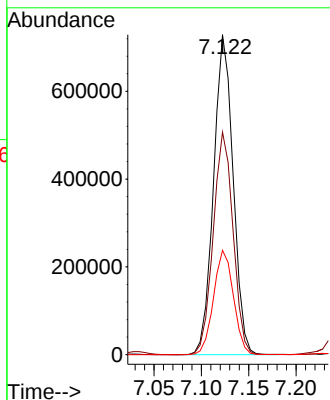
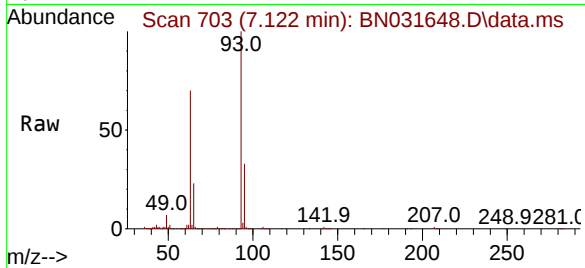


#10
Bis(2-Chloroethyl)ether
Concen: 30.365 ng/ul
RT: 7.122 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Instrument :
BNA_N
ClientSampleId :
SLCS044

Tgt Ion: 93 Resp: 1045800

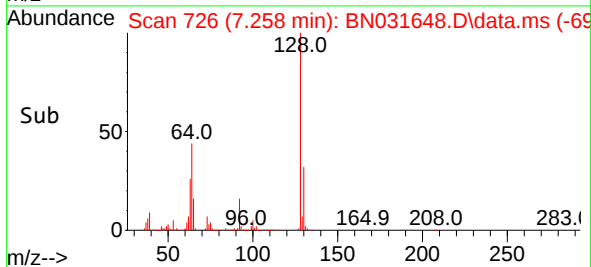
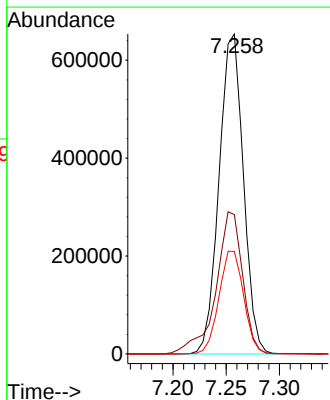
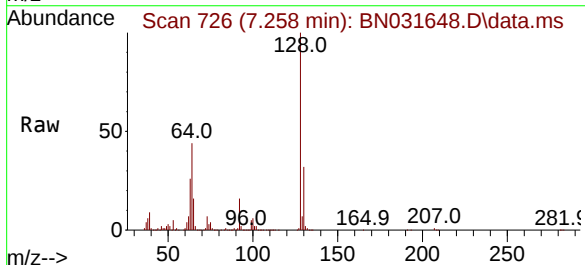
Ion	Ratio	Lower	Upper
93	100		
63	69.5	56.3	84.5
95	32.6	25.2	37.8

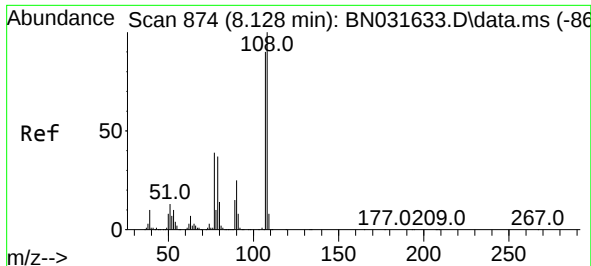


#12
2-Chlorophenol
Concen: 31.778 ng/ul
RT: 7.258 min Scan# 726
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:128 Resp: 1037019

Ion	Ratio	Lower	Upper
128	100		
64	43.6	36.1	54.1
130	32.1	26.0	39.0

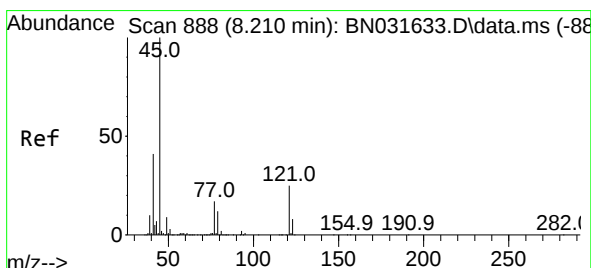
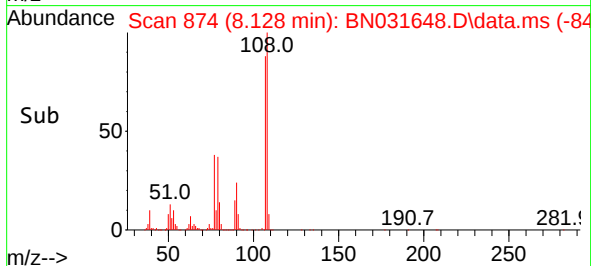
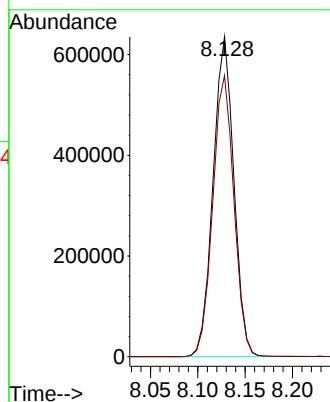
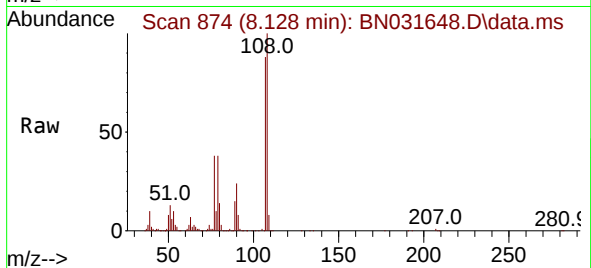




#13
2-Methylphenol
Concen: 31.210 ng/ul
RT: 8.128 min Scan# 874
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

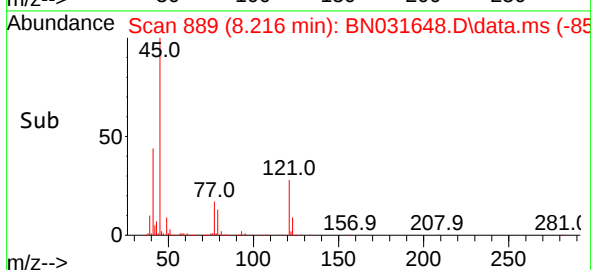
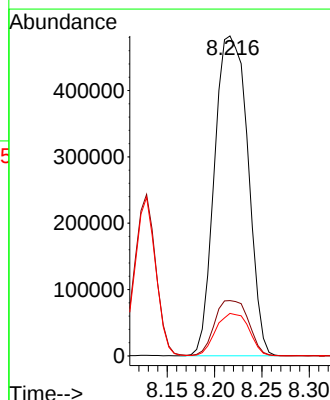
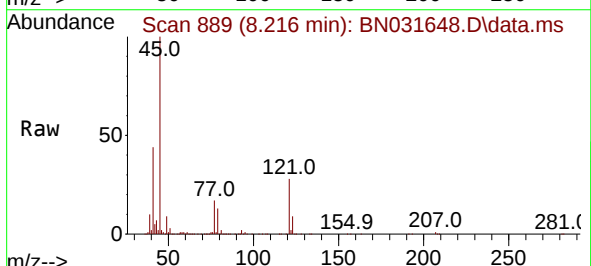
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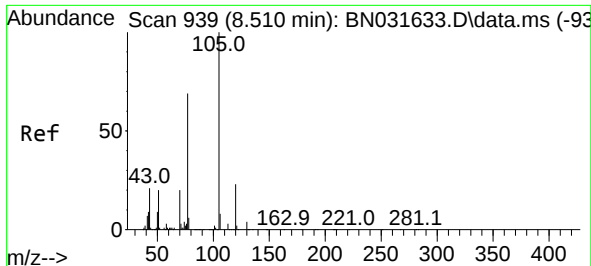
Tgt Ion:108 Resp: 970320
Ion Ratio Lower Upper
108 100
107 87.9 71.0 106.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.598 ng/ul
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion: 45 Resp: 1177491
Ion Ratio Lower Upper
45 100
77 17.3 13.2 19.8
79 13.3 10.6 16.0

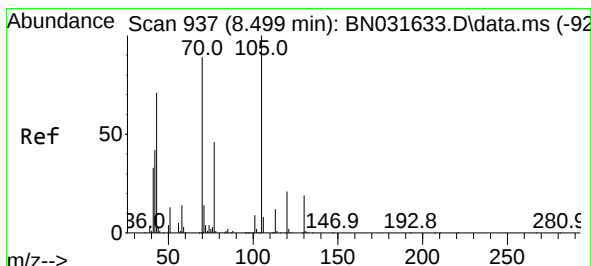
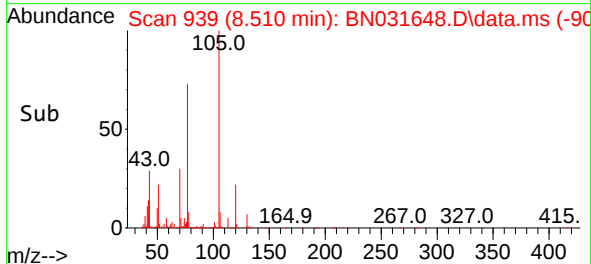
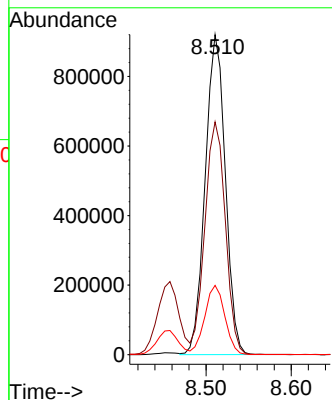
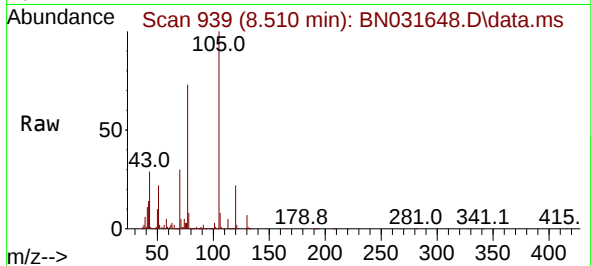




#16
Acetophenone
Concen: 31.011 ng/ul
RT: 8.510 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

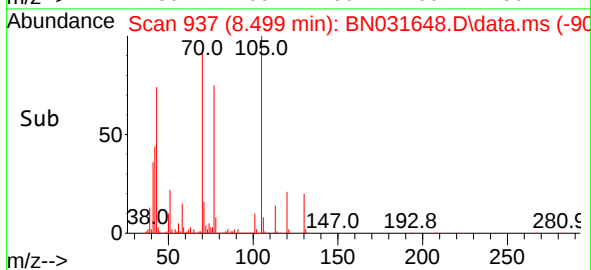
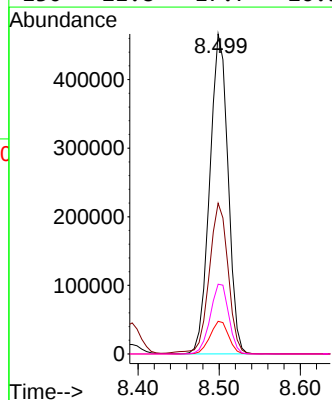
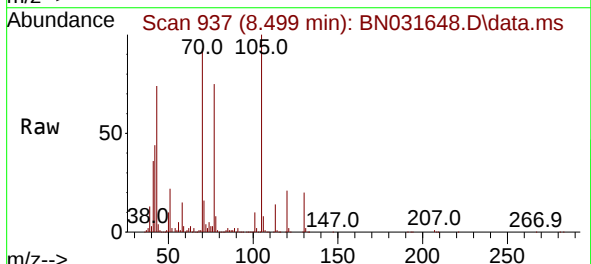
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ClientSampleId :
SLCS044

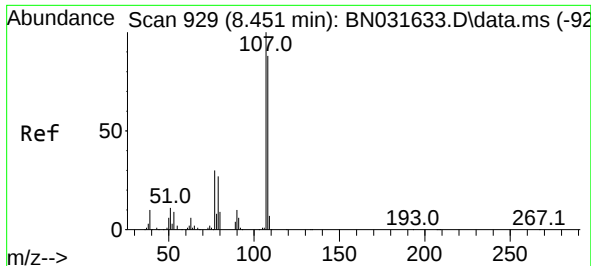
Tgt Ion:105 Resp: 1512156
Ion Ratio Lower Upper
105 100
77 72.7 60.7 91.1
51 21.7 18.6 28.0



#17
N-Nitroso-di-n-propylamine
Concen: 29.108 ng/ul
RT: 8.499 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion: 70 Resp: 729194
Ion Ratio Lower Upper
70 100
42 47.1 38.2 57.4
101 10.2 8.1 12.1
130 21.8 17.7 26.5

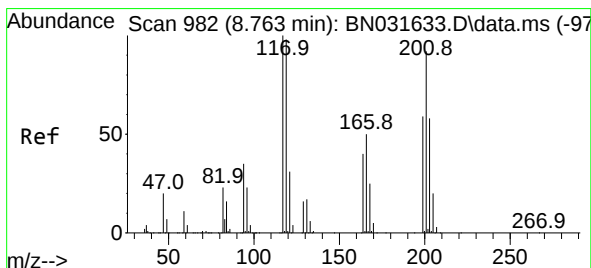
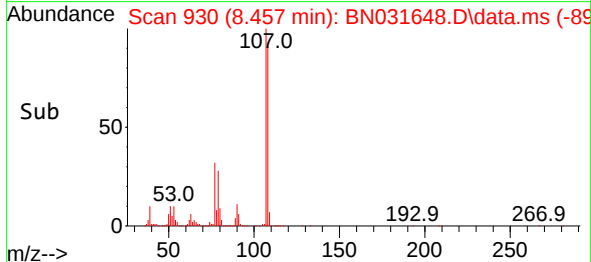
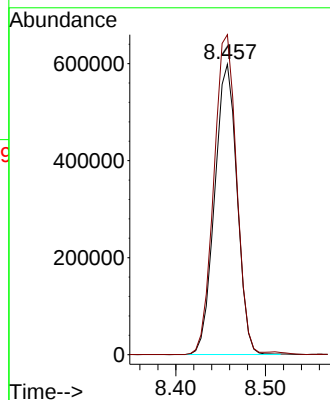
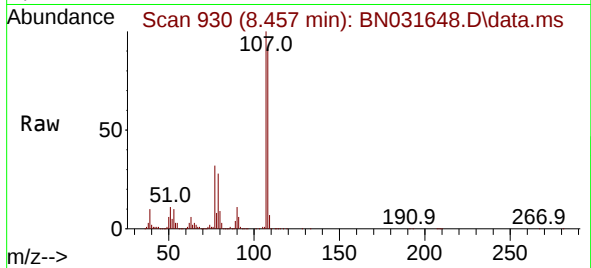




#18
4-Methylphenol
Concen: 31.458 ng/ul
RT: 8.457 min Scan# 910
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

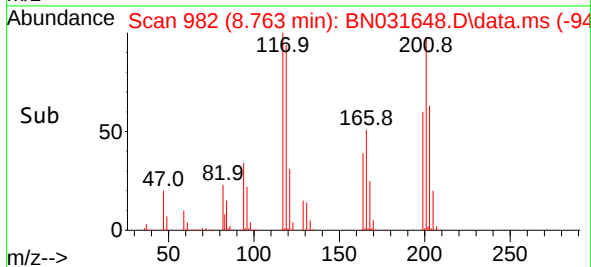
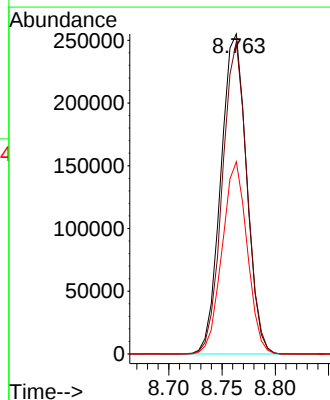
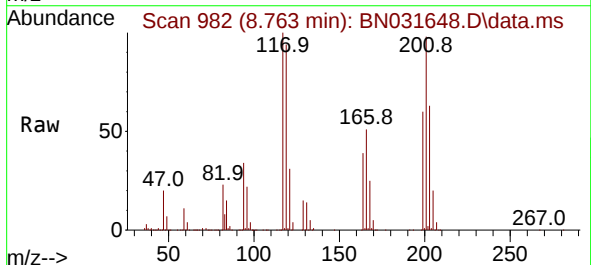
Instrument :
BNA_N
ClientSampleId :
SLCS044

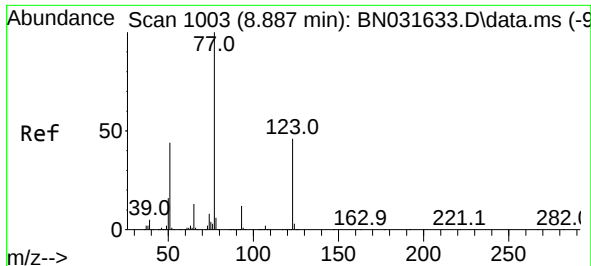
Tgt Ion:108 Resp: 1039390
Ion Ratio Lower Upper
108 100
107 110.2 87.6 131.4



#19
Hexachloroethane
Concen: 30.756 ng/ul
RT: 8.763 min Scan# 982
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:117 Resp: 428834
Ion Ratio Lower Upper
117 100
201 97.6 72.6 109.0
199 60.1 45.6 68.4

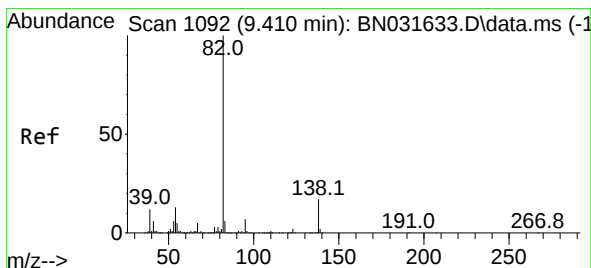
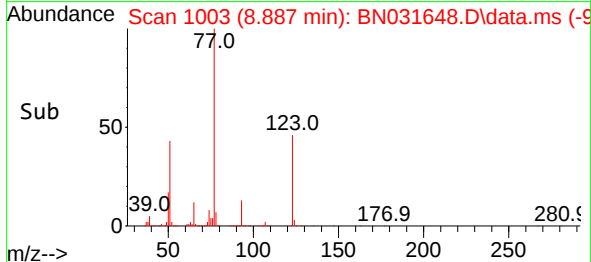
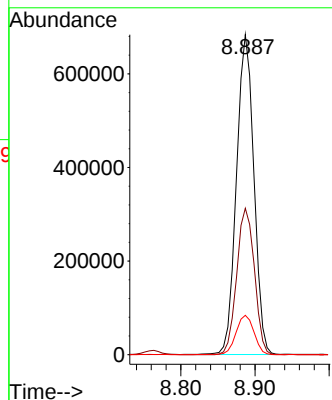
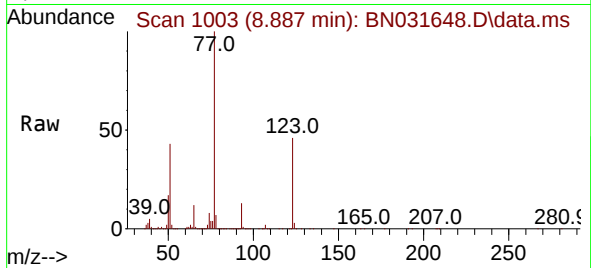




#22
Nitrobenzene
Concen: 29.944 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

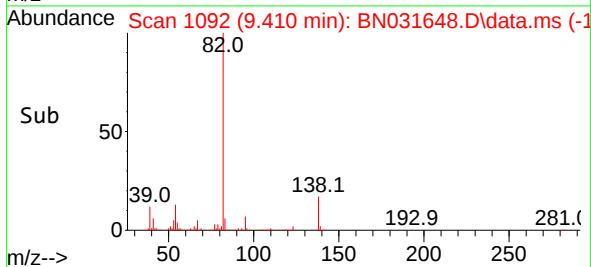
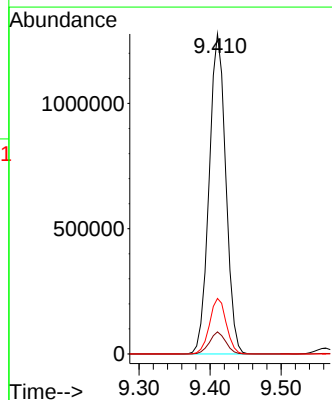
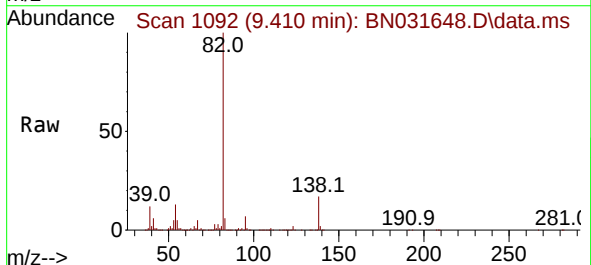
Instrument :
BNA_N
ClientSampleId :
SLCS044

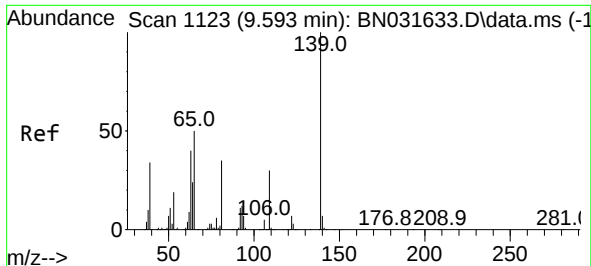
Tgt Ion: 77 Resp: 1114009
Ion Ratio Lower Upper
77 100
123 45.7 34.7 52.1
65 12.3 10.1 15.1



#23
Isophorone
Concen: 29.446 ng/ul
RT: 9.410 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion: 82 Resp: 2083821
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.4 13.4 20.2

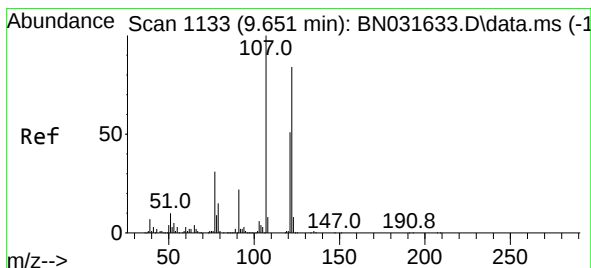
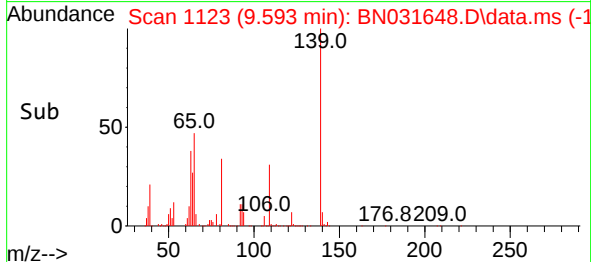
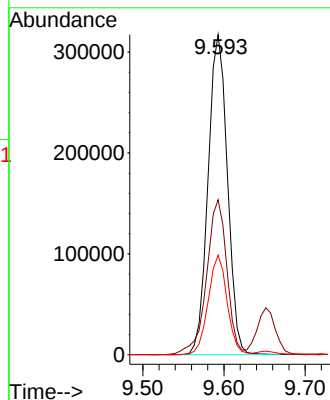
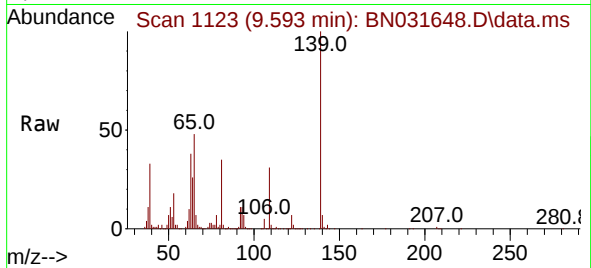




#25
2-Nitrophenol
Concen: 32.483 ng/ul
RT: 9.593 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

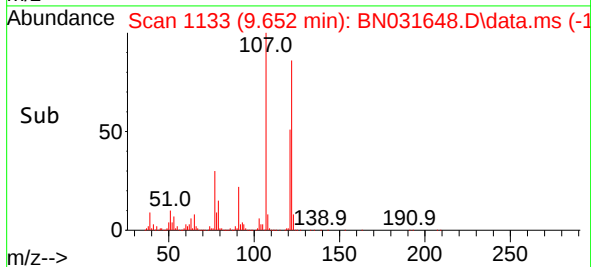
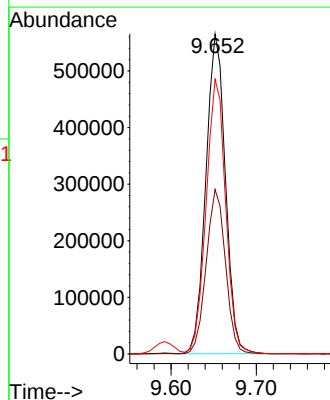
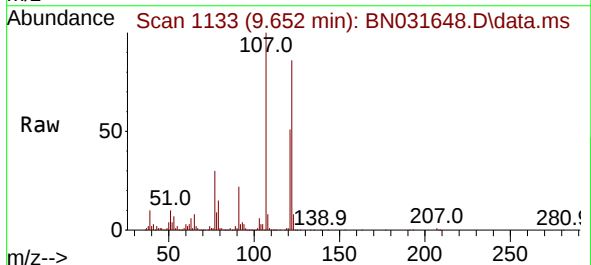
Instrument :
BNA_N
ClientSampleId :
SLCS044

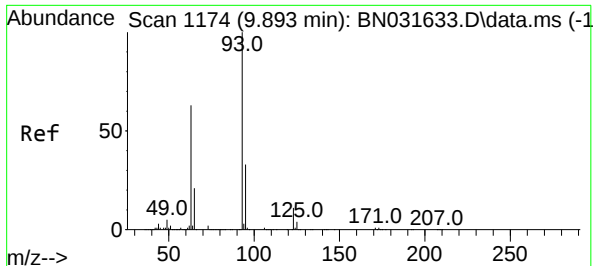
Tgt Ion:139 Resp: 525046
Ion Ratio Lower Upper
139 100
65 48.4 38.6 58.0
109 31.1 23.2 34.8



#26
2,4-Dimethylphenol
Concen: 27.249 ng/ul
RT: 9.652 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:107 Resp: 899729
Ion Ratio Lower Upper
107 100
121 51.4 40.9 61.3
122 85.8 69.5 104.3



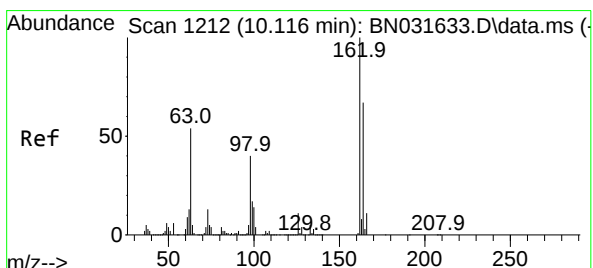
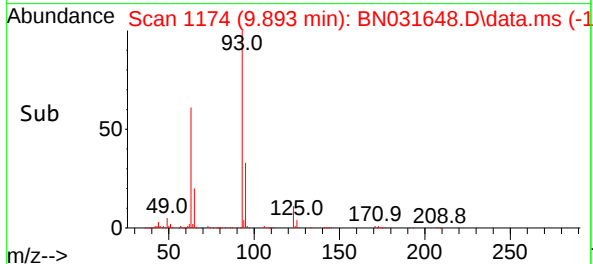
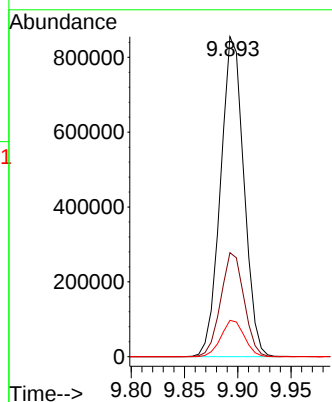
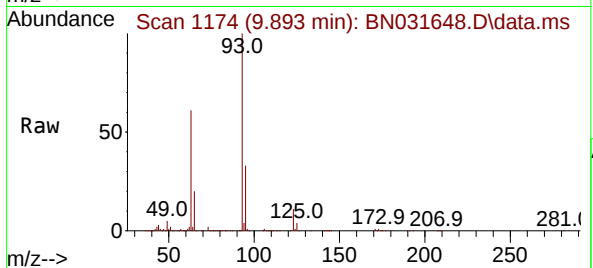


#27
 Bis(2-Chloroethoxy)methane
 Concen: 28.911 ng/ul
 RT: 9.893 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: BN031648.D
 Acq: 24 May 2024 01:28

Instrument :
 BNA_N
 ClientSampleId :
 SLCS044

Tgt Ion: 93 Resp: 1304278

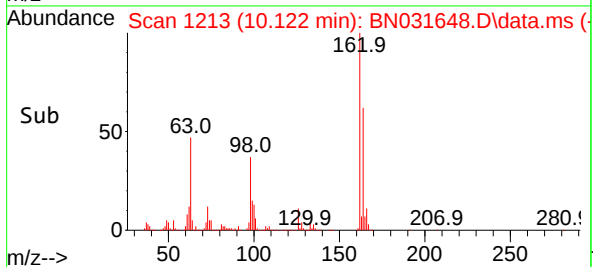
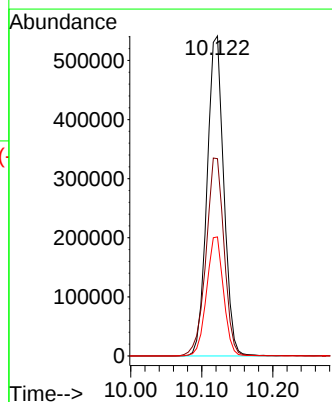
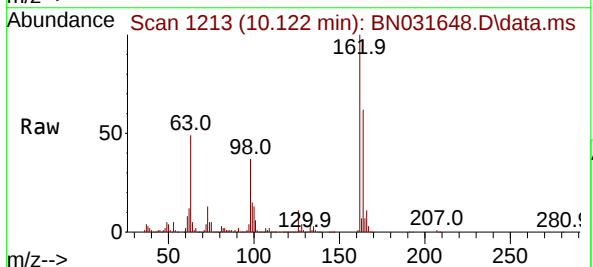
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	11.3	9.1	13.7

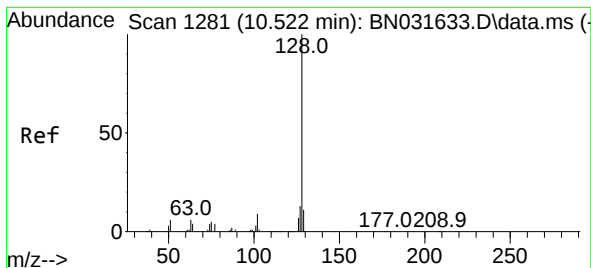


#29
 2,4-Dichlorophenol
 Concen: 31.561 ng/ul
 RT: 10.122 min Scan# 1213
 Delta R.T. 0.000 min
 Lab File: BN031648.D
 Acq: 24 May 2024 01:28

Tgt Ion:162 Resp: 887201

Ion	Ratio	Lower	Upper
162	100		
164	61.7	51.2	76.8
98	37.2	29.0	43.4





#30

Naphthalene

Concen: 29.841 ng/ul

RT: 10.522 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

Instrument :

BNA_N

ClientSampleId :

SLCS044

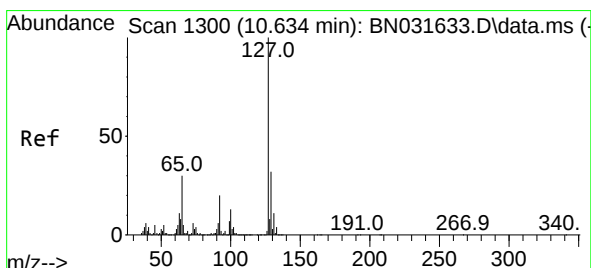
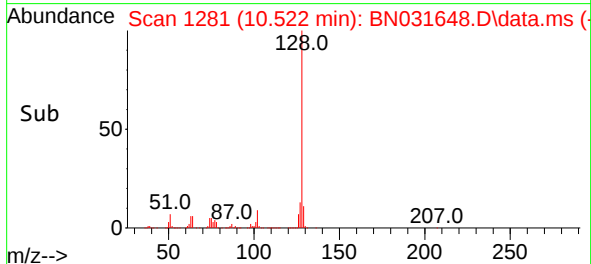
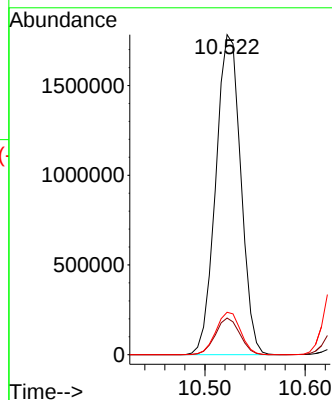
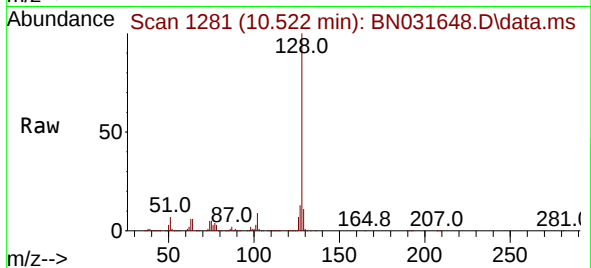
Tgt Ion:128 Resp: 3081694

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.3 10.2 15.2



#32

4-Chloroaniline

Concen: 28.710 ng/ul

RT: 10.634 min Scan# 1300

Delta R.T. 0.000 min

Lab File: BN031648.D

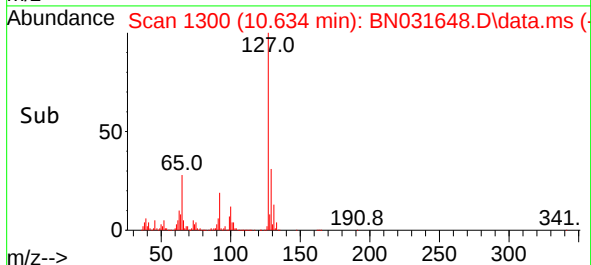
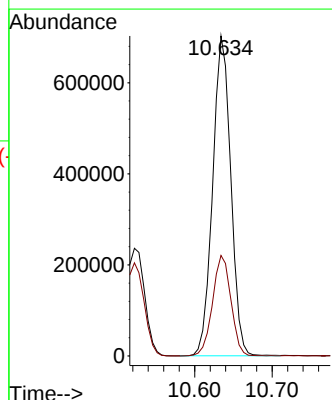
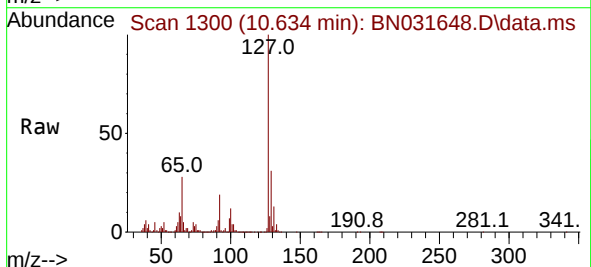
Acq: 24 May 2024 01:28

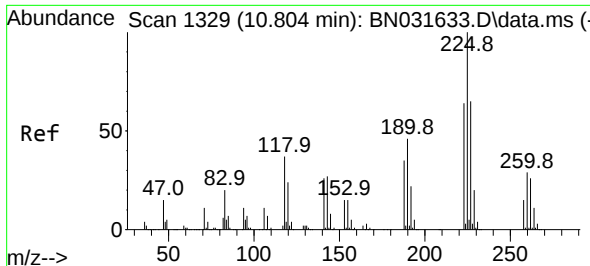
Tgt Ion:127 Resp: 1145034

Ion Ratio Lower Upper

127 100

129 31.4 25.8 38.6

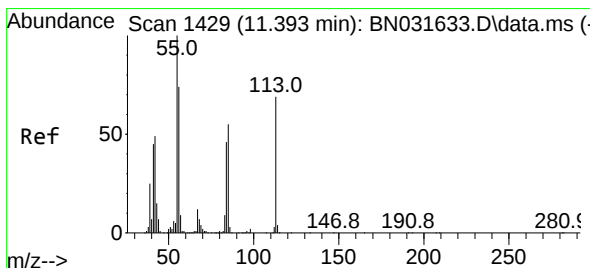
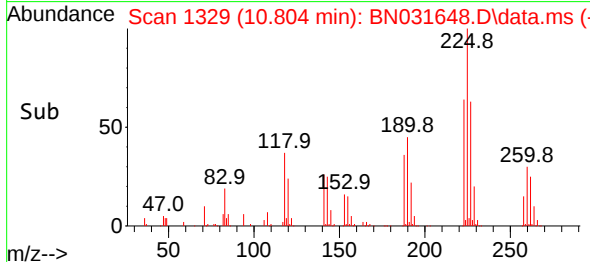
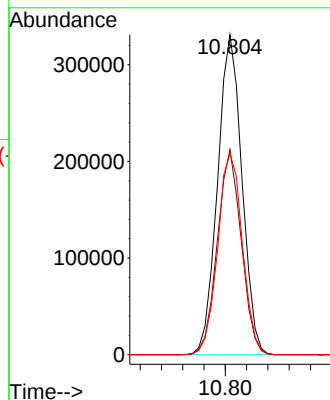
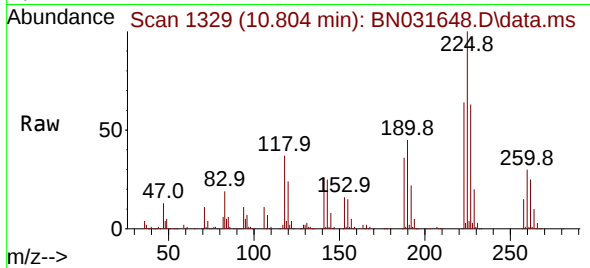




#33
Hexachlorobutadiene
Concen: 30.545 ng/ul
RT: 10.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

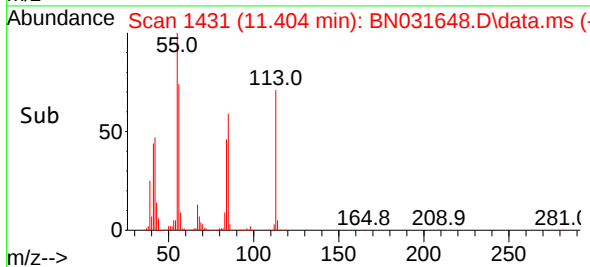
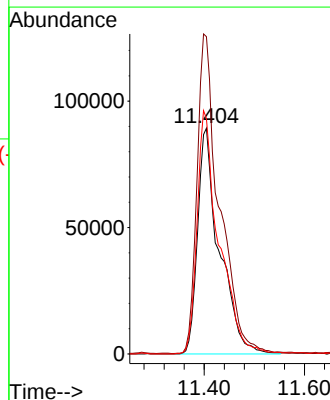
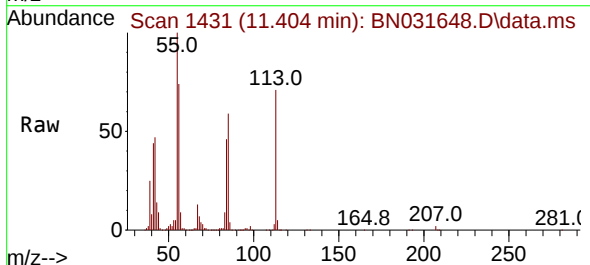
Instrument :
BNA_N
ClientSampleId :
SLCS044

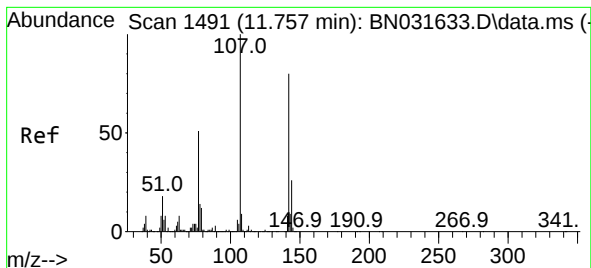
Tgt Ion:225 Resp: 525421
Ion Ratio Lower Upper
225 100
223 64.1 49.5 74.3
227 62.9 50.2 75.2



#34
Caprolactam
Concen: 29.543 ng/ul
RT: 11.404 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:113 Resp: 268967
Ion Ratio Lower Upper
113 100
55 140.5 114.6 172.0
56 104.2 84.3 126.5

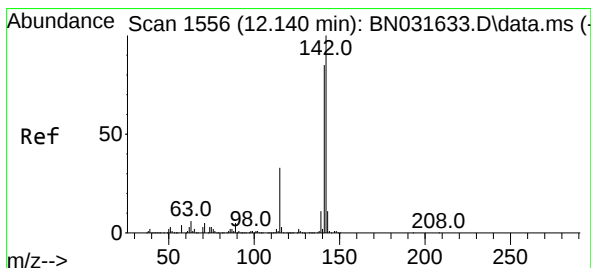
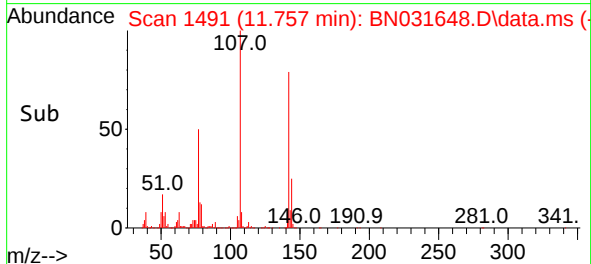
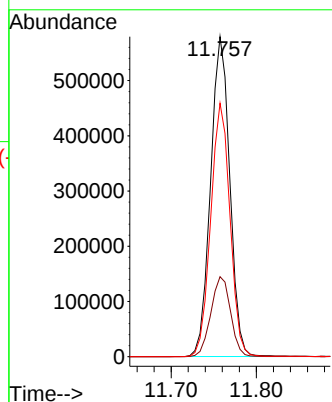
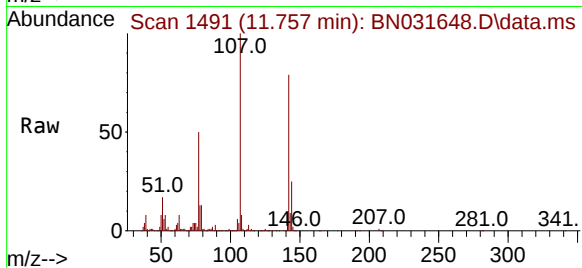




#35
4-Chloro-3-methylphenol
Concen: 29.727 ng/ul
RT: 11.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

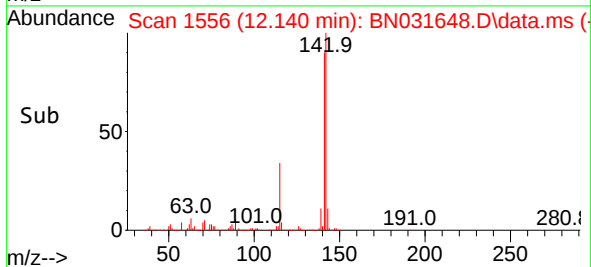
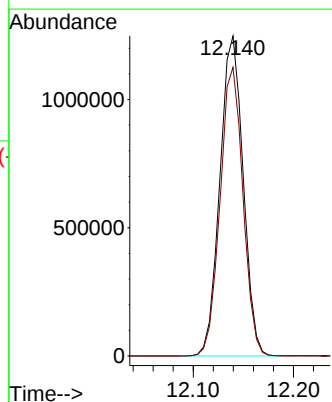
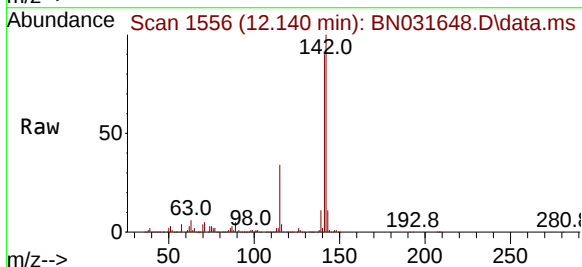
Instrument :
BNA_N
ClientSampleId :
SLCS044

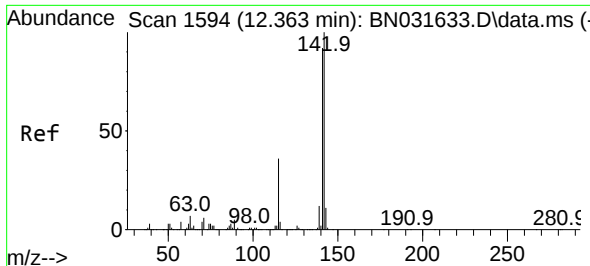
Tgt Ion:107 Resp: 907478
Ion Ratio Lower Upper
107 100
144 25.0 21.4 32.0
142 79.2 65.0 97.6



#36
2-Methylnaphthalene
Concen: 29.687 ng/ul
RT: 12.140 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:142 Resp: 2006270
Ion Ratio Lower Upper
142 100
141 90.2 70.5 105.7





#37

1-Methylnaphthalene

Concen: 29.716 ng/ul

RT: 12.357 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

Instrument :

BNA_N

ClientSampleId :

SLCS044

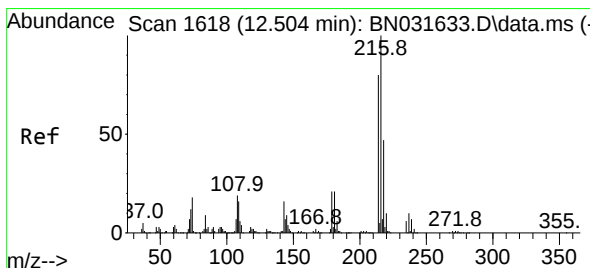
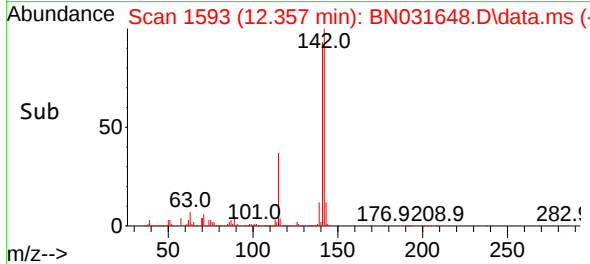
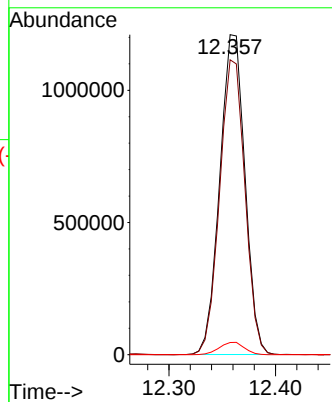
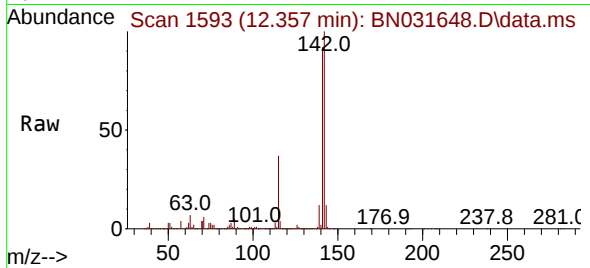
Tgt Ion:142 Resp: 1987918

Ion Ratio Lower Upper

142 100

141 92.2 77.0 115.6

116 3.8 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.478 ng/ul

RT: 12.504 min Scan# 1618

Delta R.T. -0.006 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

Tgt Ion:216 Resp: 953535

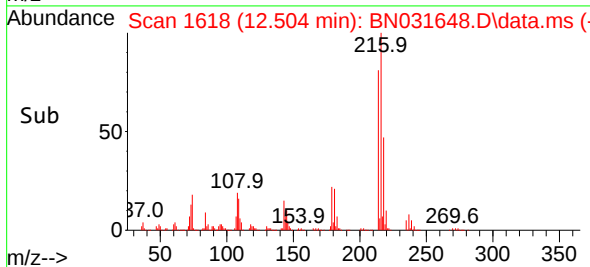
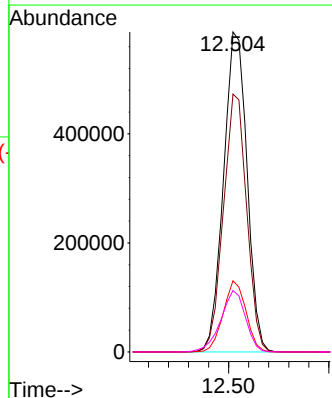
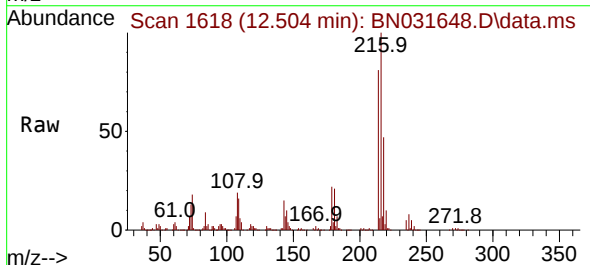
Ion Ratio Lower Upper

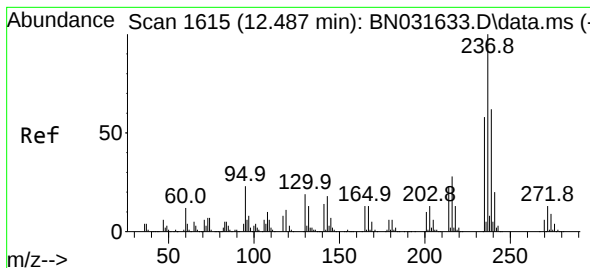
216 100

214 80.6 64.0 96.0

179 22.3 16.8 25.2

108 19.2 15.5 23.3

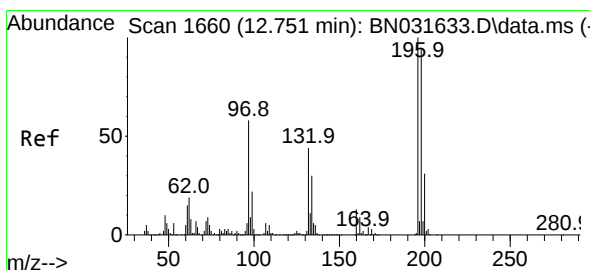
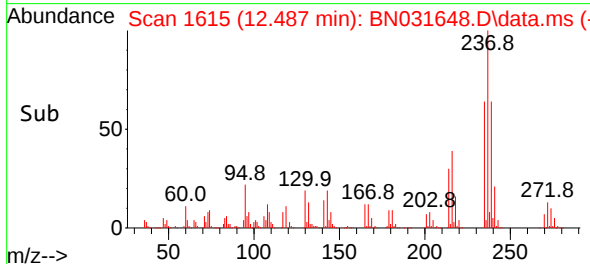
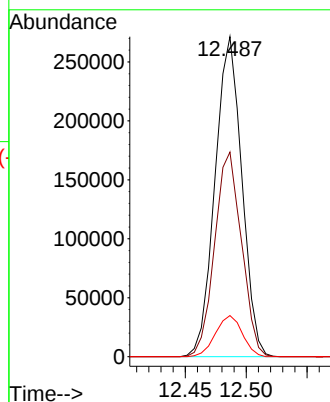
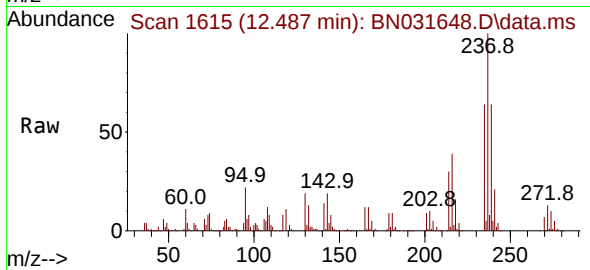




#40
Hexachlorocyclopentadiene
Concen: 23.627 ng/ul
RT: 12.487 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

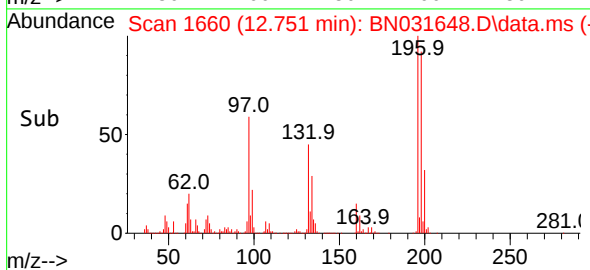
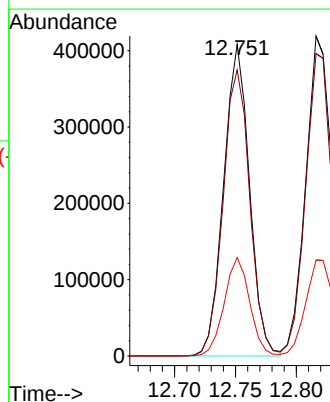
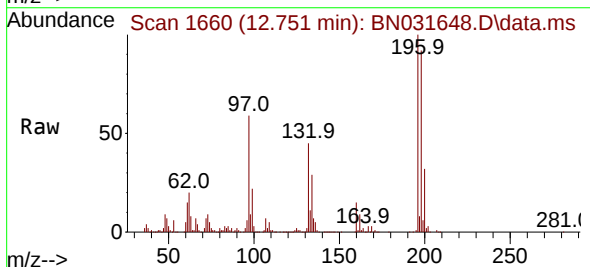
Instrument :
BNA_N
ClientSampleId :
SLCS044

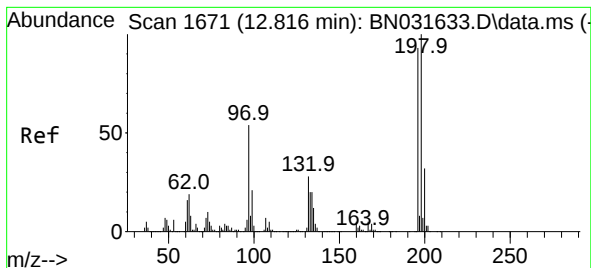
Tgt Ion:237 Resp: 415835
Ion Ratio Lower Upper
237 100
235 64.0 51.3 76.9
272 12.9 10.1 15.1



#41
2,4,6-Trichlorophenol
Concen: 33.272 ng/ul
RT: 12.751 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:196 Resp: 603655
Ion Ratio Lower Upper
196 100
198 91.8 79.4 119.2
200 31.6 24.0 36.0





#42

2,4,5-Trichlorophenol

Concen: 32.581 ng/ul

RT: 12.816 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

Instrument :

BNA_N

ClientSampleId :

SLCS044

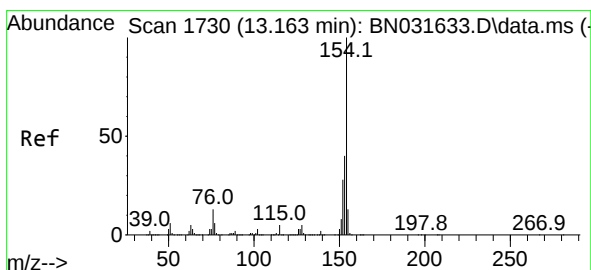
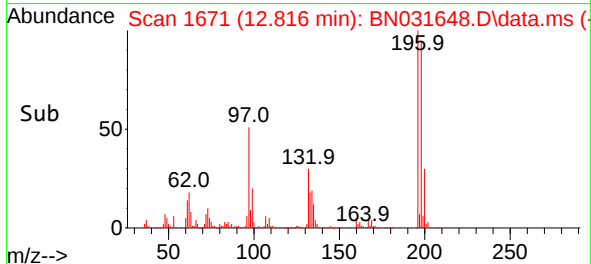
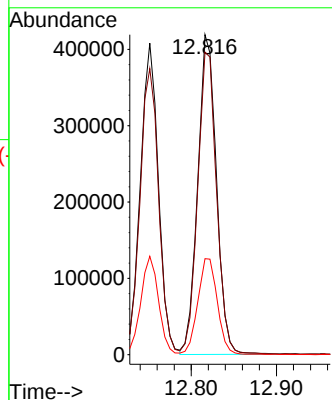
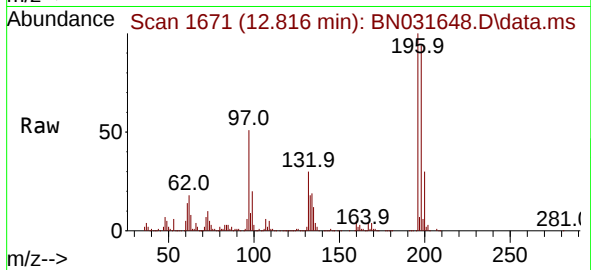
Tgt Ion:196 Resp: 639887

Ion Ratio Lower Upper

196 100

198 94.5 71.9 107.9

200 30.0 23.2 34.8



#43

1,1'-Biphenyl

Concen: 32.587 ng/ul

RT: 13.163 min Scan# 1730

Delta R.T. 0.000 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

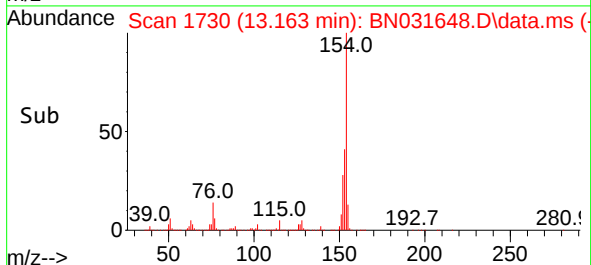
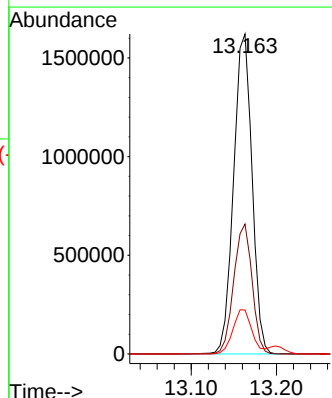
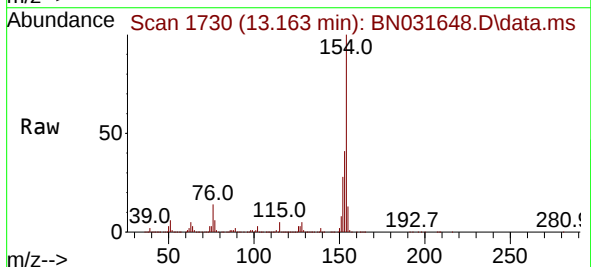
Tgt Ion:154 Resp: 2437241

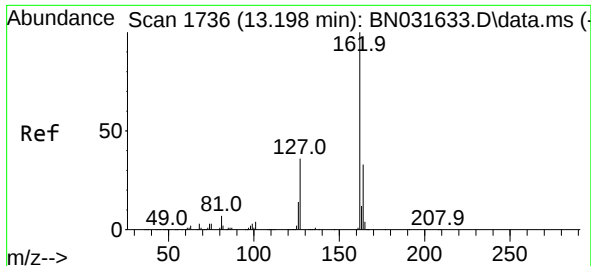
Ion Ratio Lower Upper

154 100

153 40.6 32.6 48.8

76 13.8 11.3 16.9

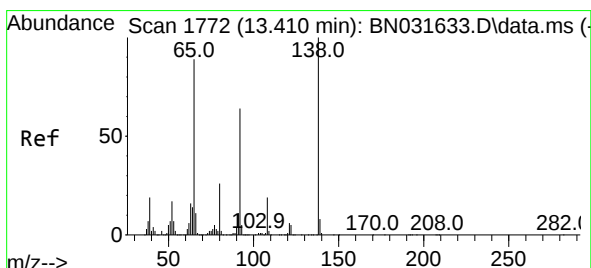
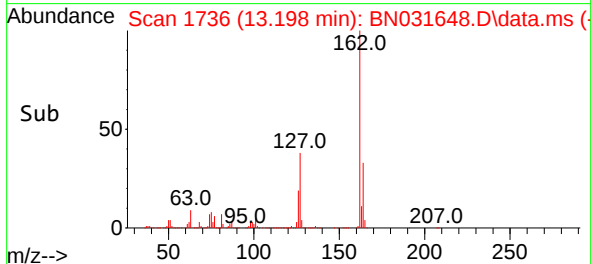
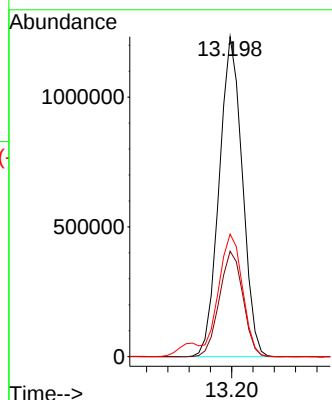
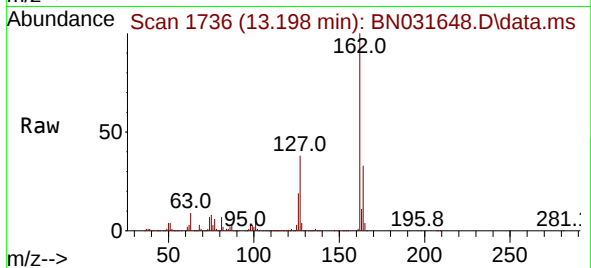




#44
2-Chloronaphthalene
Concen: 31.394 ng/ul
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

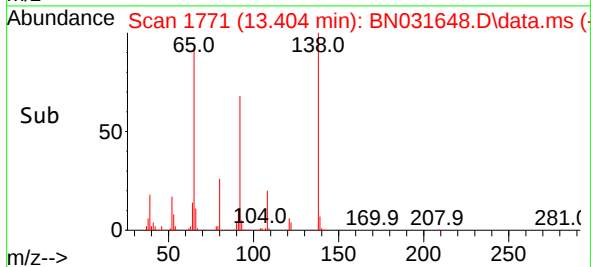
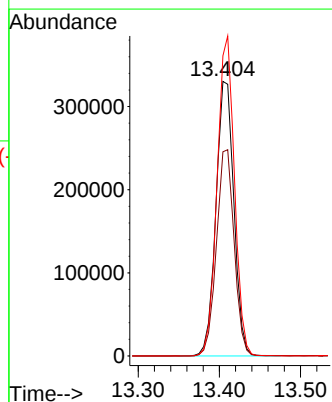
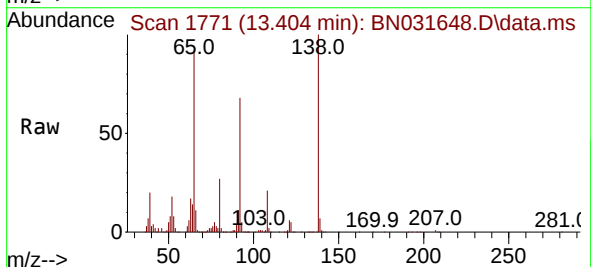
Instrument :
BNA_N
ClientSampleId :
SLCS044

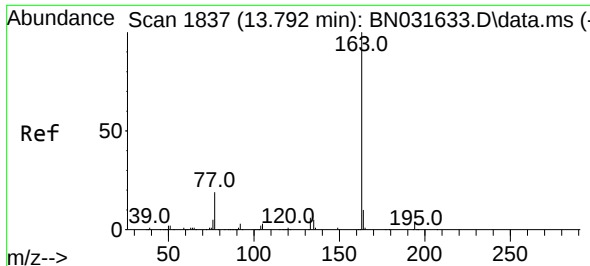
Tgt Ion:162 Resp: 1859187
Ion Ratio Lower Upper
162 100
164 32.9 26.6 39.8
127 38.3 30.8 46.2



#45
2-Nitroaniline
Concen: 32.739 ng/ul
RT: 13.404 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion: 65 Resp: 507558
Ion Ratio Lower Upper
65 100
92 74.4 60.2 90.4
138 109.3 88.6 132.8

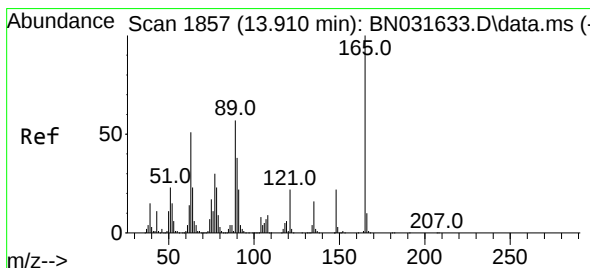
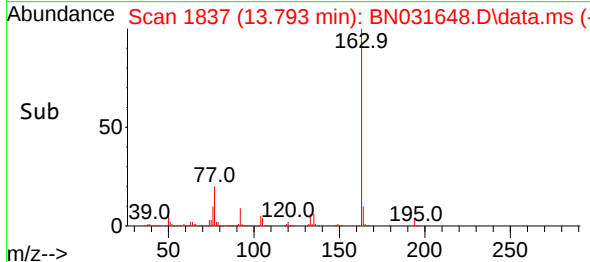
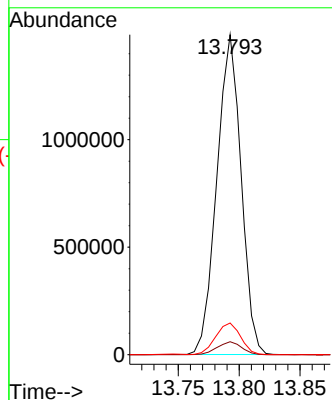
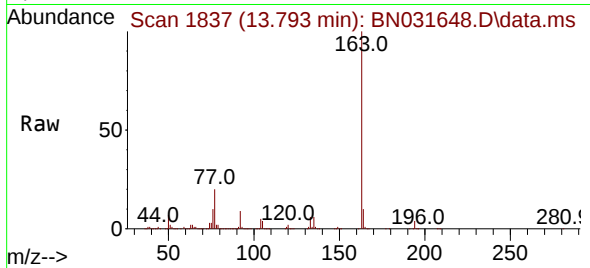




#47
Dimethylphthalate
Concen: 30.933 ng/ul
RT: 13.793 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

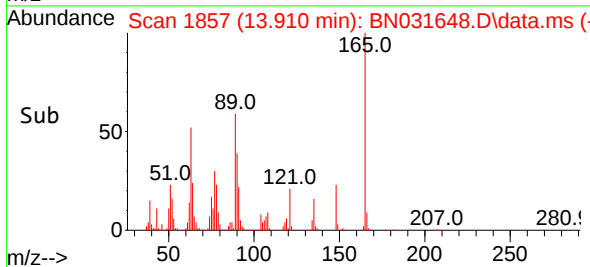
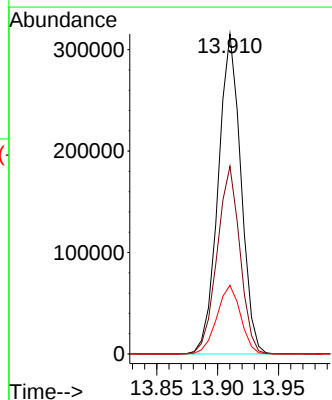
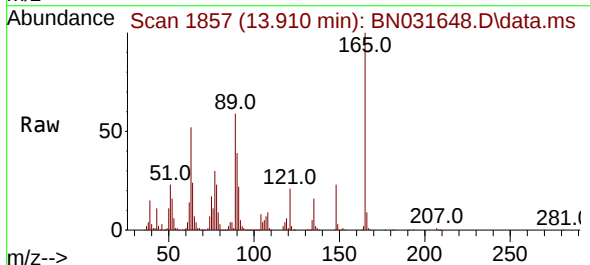
Instrument :
BNA_N
ClientSampleId :
SLCS044

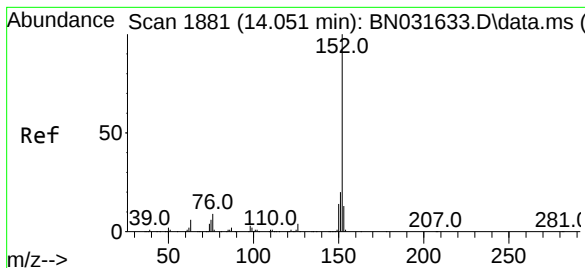
Tgt Ion:163 Resp: 2063611
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 7.8 11.6



#48
2,6-Dinitrotoluene
Concen: 32.208 ng/ul
RT: 13.910 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:165 Resp: 409494
Ion Ratio Lower Upper
165 100
89 58.6 47.0 70.6
121 21.4 18.7 28.1





#50

Acenaphthylene

Concen: 30.924 ng/ul

RT: 14.051 min Scan# 1881

Delta R.T. 0.000 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

Instrument :

BNA_N

ClientSampleId :

SLCS044

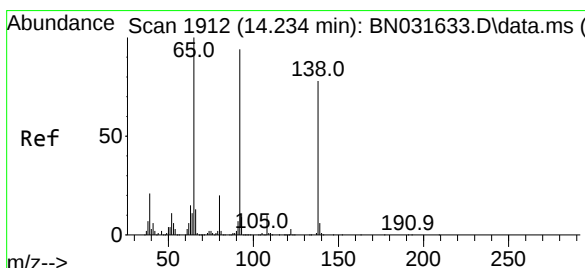
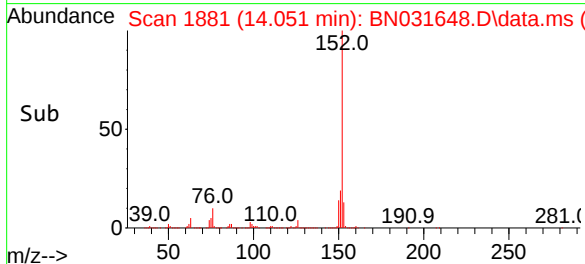
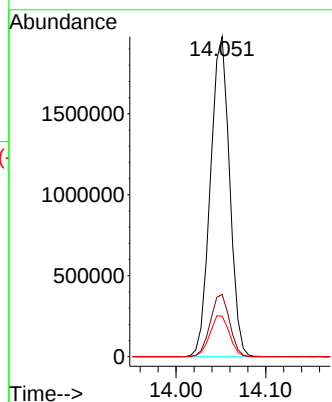
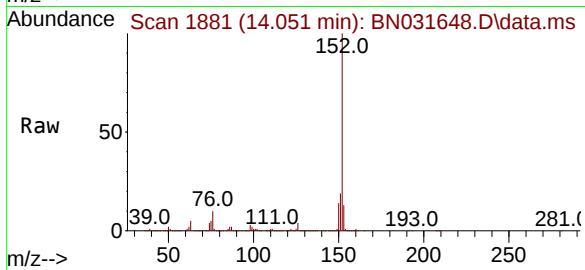
Tgt Ion:152 Resp: 2925139

Ion Ratio Lower Upper

152 100

151 19.4 15.6 23.4

153 12.7 10.8 16.2



#51

3-Nitroaniline

Concen: 31.933 ng/ul

RT: 14.234 min Scan# 1912

Delta R.T. 0.000 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

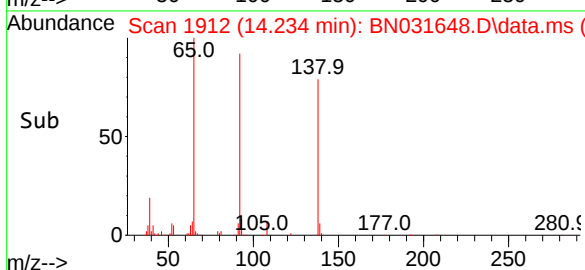
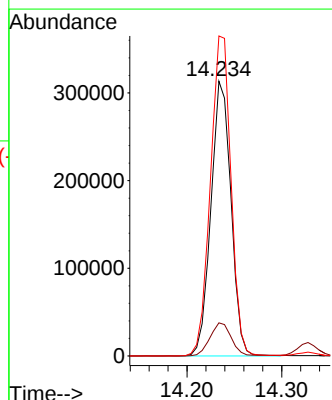
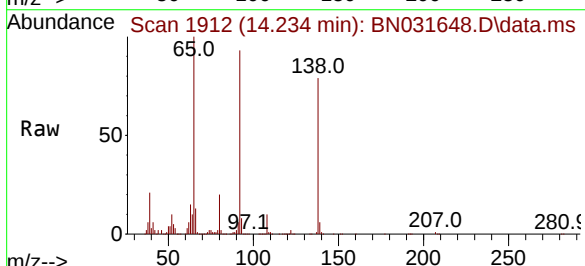
Tgt Ion:138 Resp: 460830

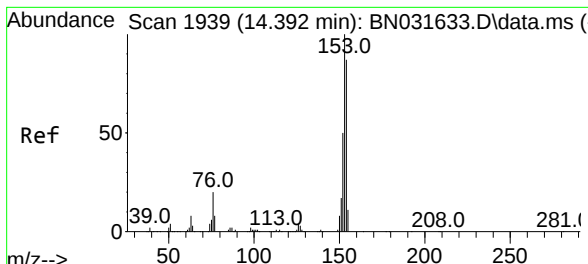
Ion Ratio Lower Upper

138 100

108 12.1 10.7 16.1

92 116.5 94.6 141.8



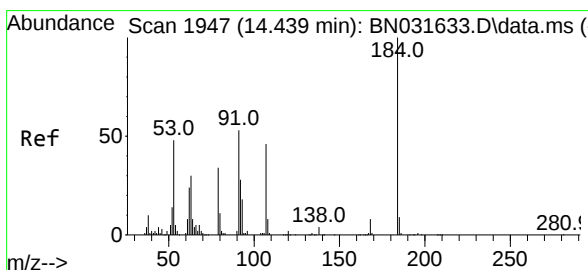
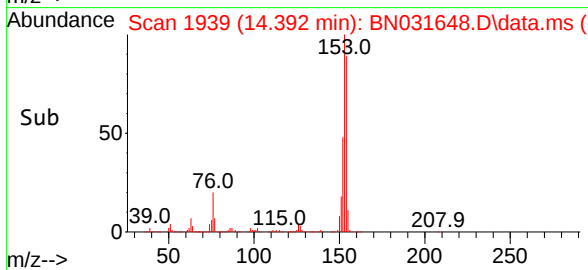
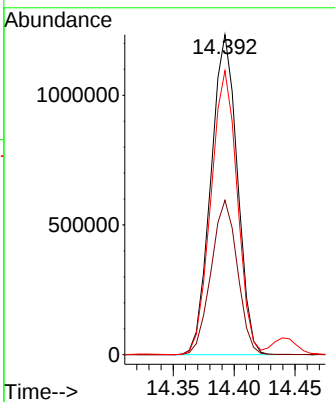
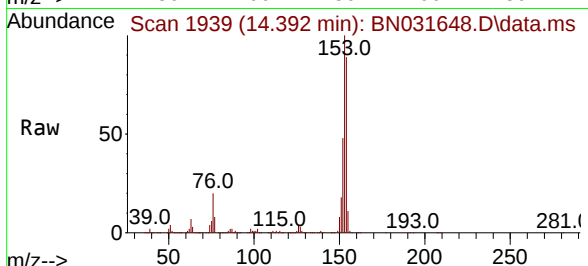


#52
 Acenaphthene
 Concen: 30.370 ng/ul
 RT: 14.392 min Scan# 1939
 Delta R.T. 0.000 min
 Lab File: BN031648.D
 Acq: 24 May 2024 01:28

Instrument :
 BNA_N
 ClientSampleId :
 SLCS044

Tgt Ion:153 Resp: 1861255

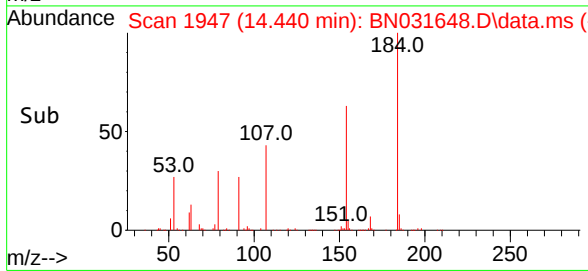
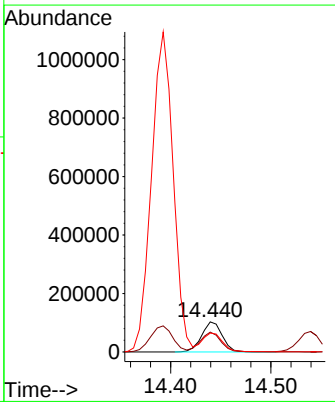
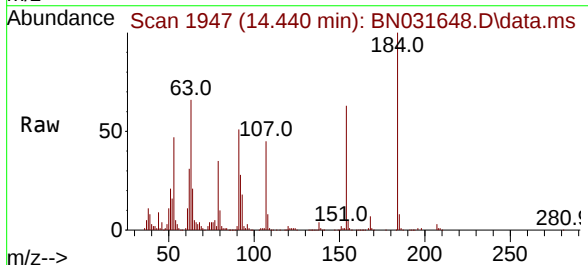
Ion	Ratio	Lower	Upper
153	100		
152	48.3	40.5	60.7
154	88.8	76.6	114.8

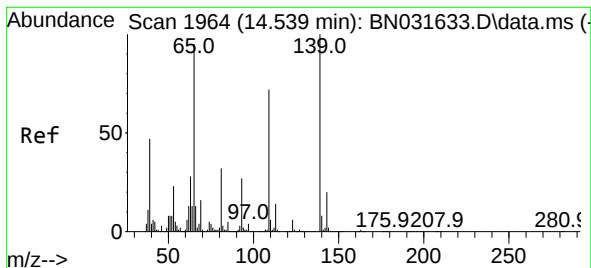


#53
 2,4-Dinitrophenol
 Concen: 25.259 ng/ul
 RT: 14.440 min Scan# 1947
 Delta R.T. 0.000 min
 Lab File: BN031648.D
 Acq: 24 May 2024 01:28

Tgt Ion:184 Resp: 147477

Ion	Ratio	Lower	Upper
184	100		
63	66.1	50.7	76.1
154	62.6	49.1	73.7

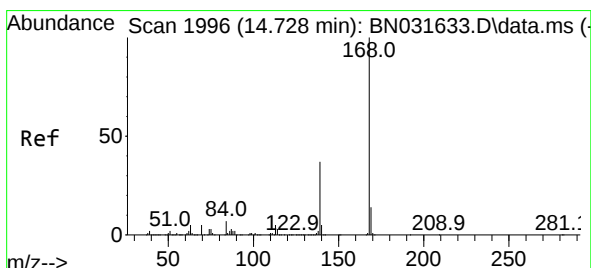
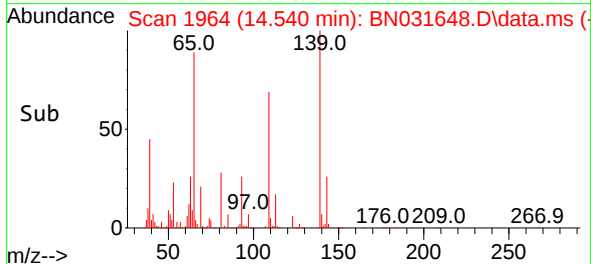
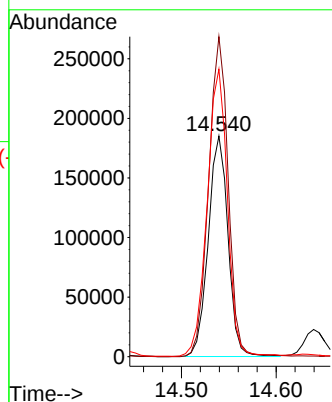
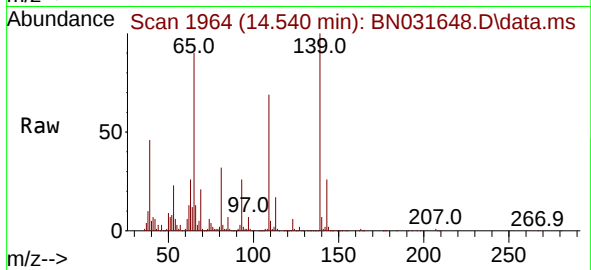




#55
4-Nitrophenol
Concen: 28.698 ng/ul
RT: 14.540 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

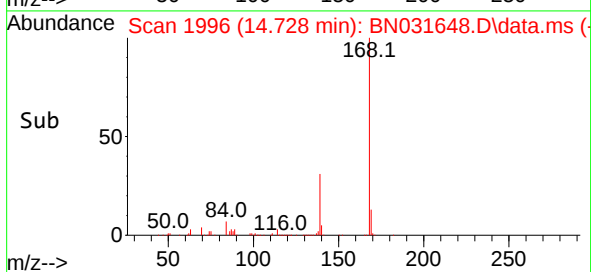
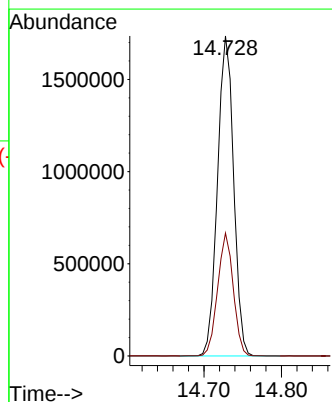
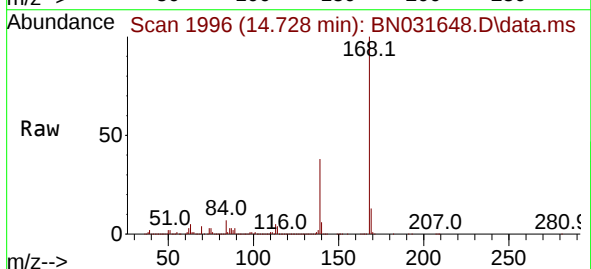
Instrument :
BNA_N
ClientSampleId :
SLCS044

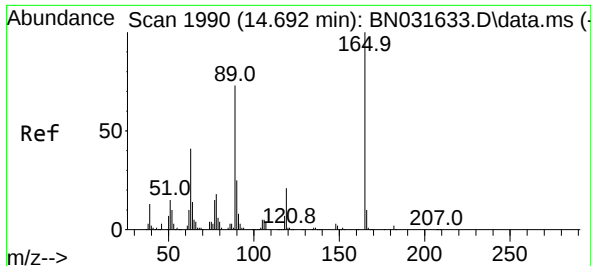
Tgt Ion:109 Resp: 267485
Ion Ratio Lower Upper
109 100
139 145.0 113.8 170.6
65 130.3 101.1 151.7



#56
Dibenzofuran
Concen: 30.679 ng/ul
RT: 14.728 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:168 Resp: 2510039
Ion Ratio Lower Upper
168 100
139 38.4 29.2 43.8

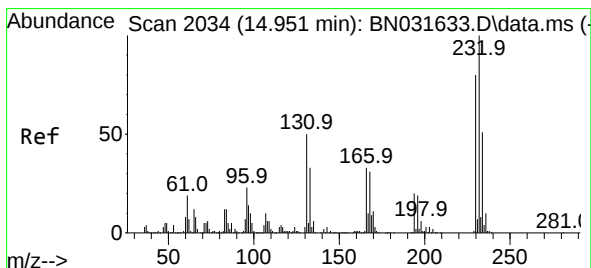
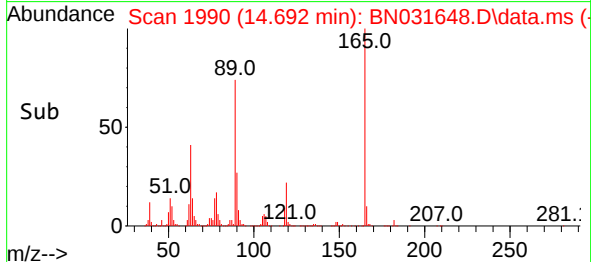
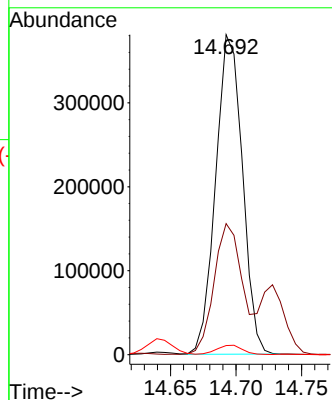
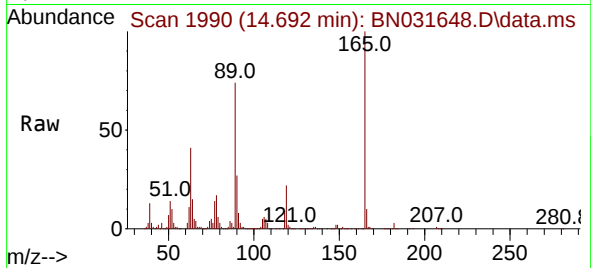




#57
2,4-Dinitrotoluene
Concen: 31.713 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

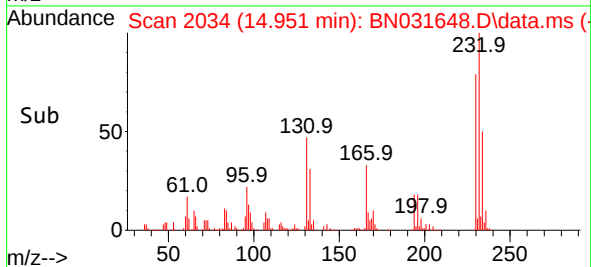
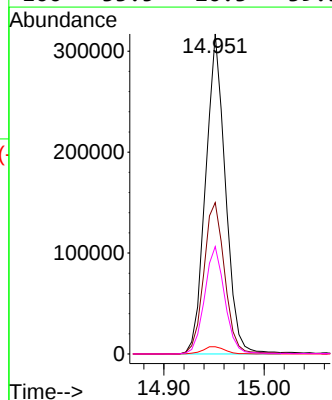
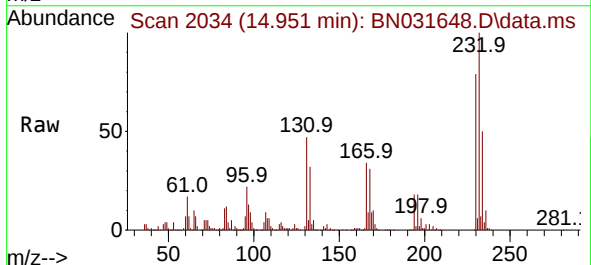
Instrument :
BNA_N
ClientSampleId :
SLCS044

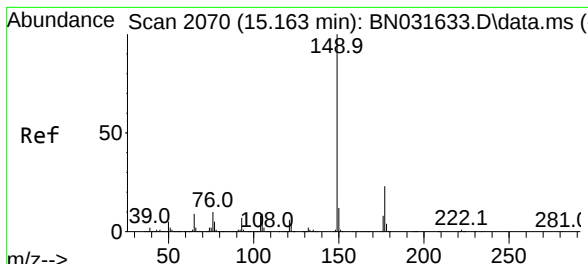
Tgt Ion:165 Resp: 540157
Ion Ratio Lower Upper
165 100
63 41.0 35.1 52.7
182 2.8 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 30.635 ng/ul
RT: 14.951 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:232 Resp: 437063
Ion Ratio Lower Upper
232 100
131 47.3 39.2 58.8
130 2.2 2.1 3.1
166 33.5 26.3 39.5



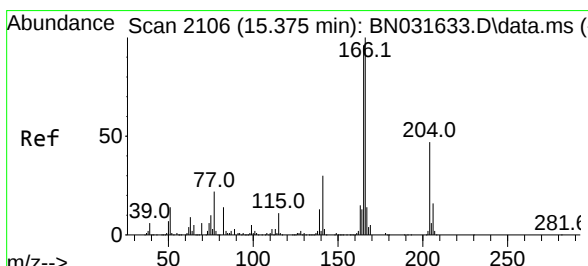
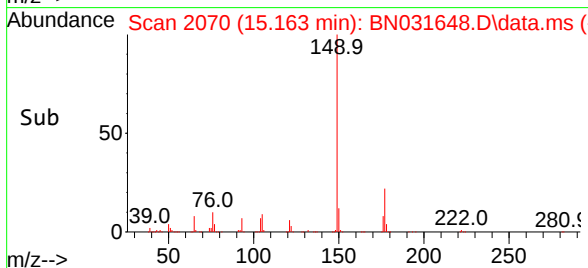
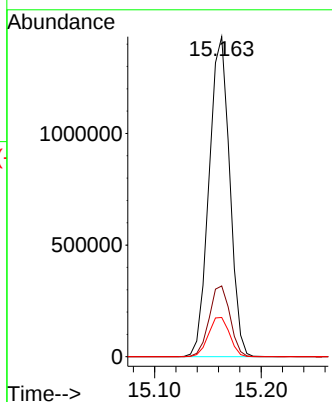
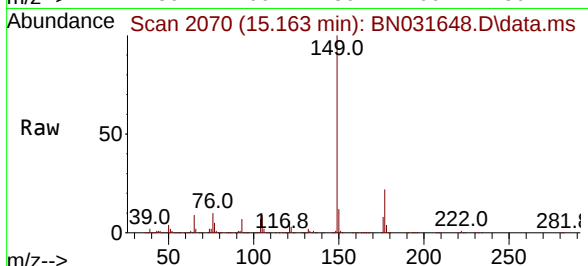


#59
 Diethylphthalate
 Concen: 30.583 ng/ul
 RT: 15.163 min Scan# 2070
 Delta R.T. 0.000 min
 Lab File: BN031648.D
 Acq: 24 May 2024 01:28

Instrument :
 BNA_N
 ClientSampleId :
 SLCS044

Tgt Ion:149 Resp: 1922464

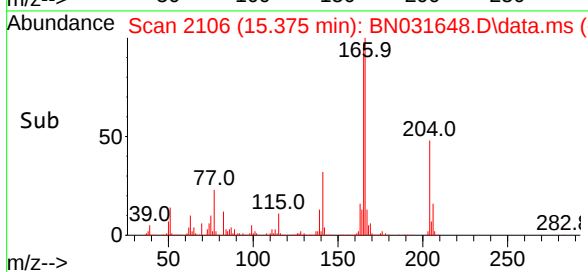
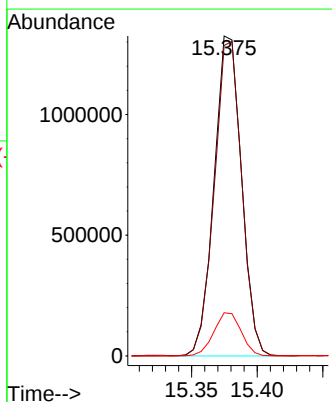
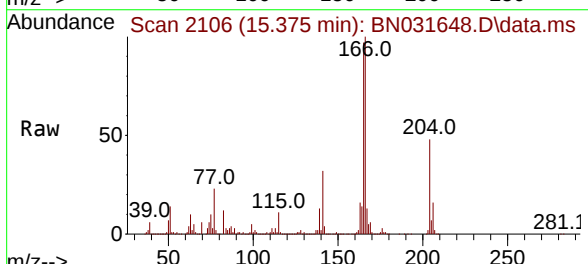
Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.3	24.5
150	12.2	10.0	15.0

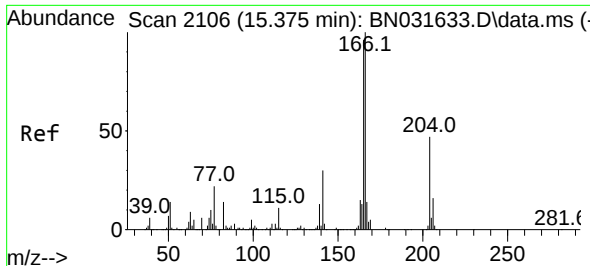


#61
 Fluorene
 Concen: 30.073 ng/ul
 RT: 15.375 min Scan# 2106
 Delta R.T. -0.006 min
 Lab File: BN031648.D
 Acq: 24 May 2024 01:28

Tgt Ion:166 Resp: 1927330

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.0	115.6
167	13.5	10.9	16.3

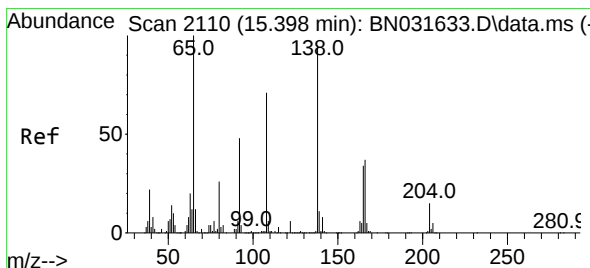
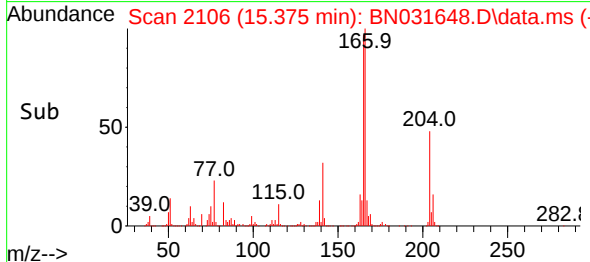
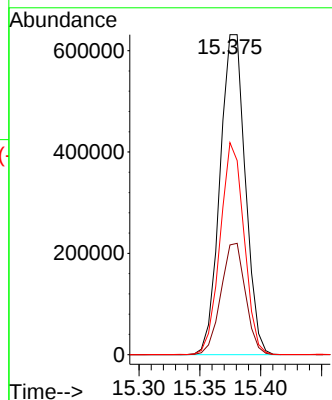
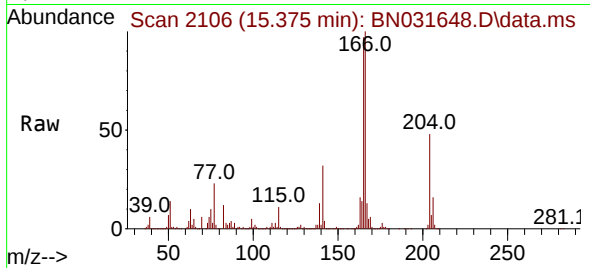




#62
4-Chlorophenyl-phenylether
Concen: 29.615 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

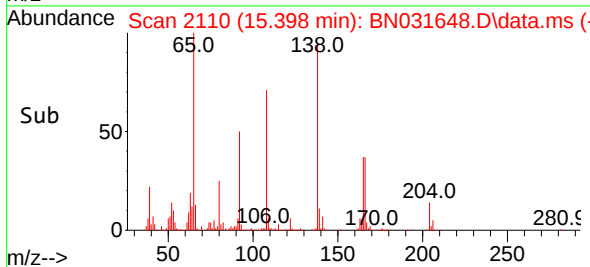
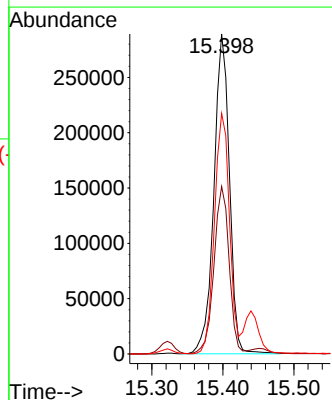
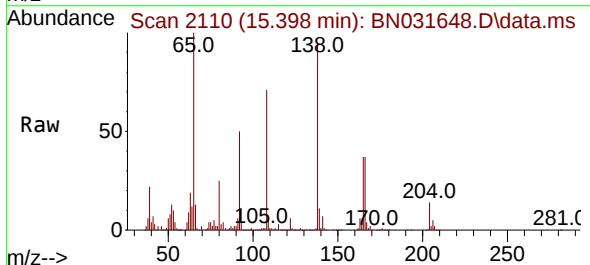
Instrument :
BNA_N
ClientSampleId :
SLCS044

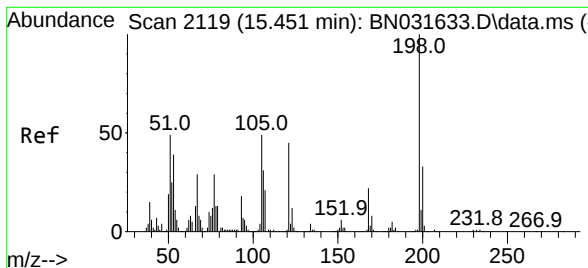
Tgt Ion:204 Resp: 913726
Ion Ratio Lower Upper
204 100
206 34.3 25.8 38.8
141 66.3 46.5 69.7



#63
4-Nitroaniline
Concen: 33.855 ng/ul
RT: 15.398 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:138 Resp: 438175
Ion Ratio Lower Upper
138 100
92 52.4 40.7 61.1
108 75.2 57.1 85.7

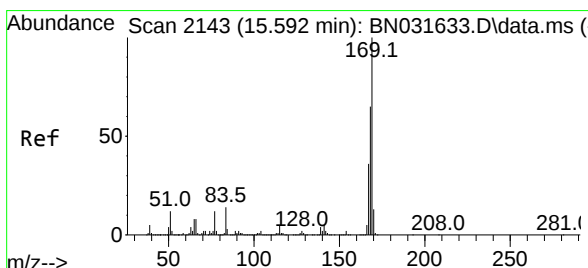
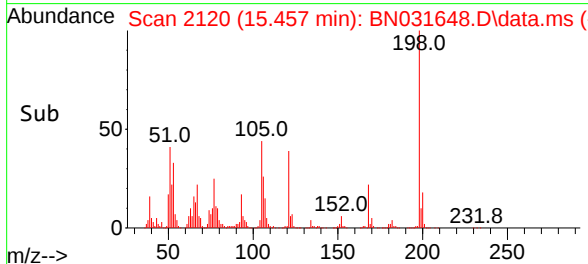
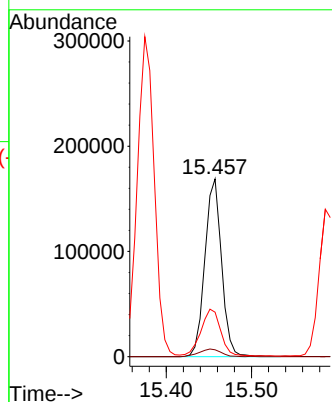
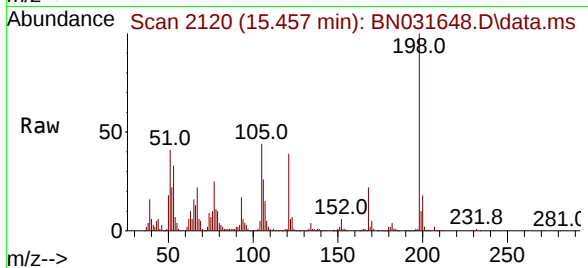




#66
4,6-Dinitro-2-methylphenol
Concen: 29.059 ng/ul
RT: 15.457 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

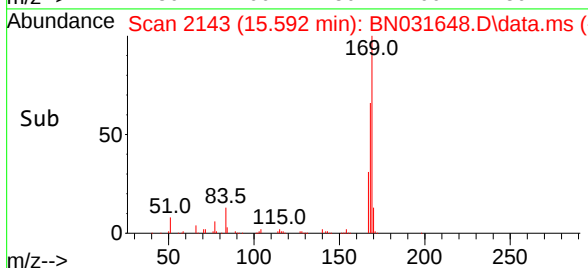
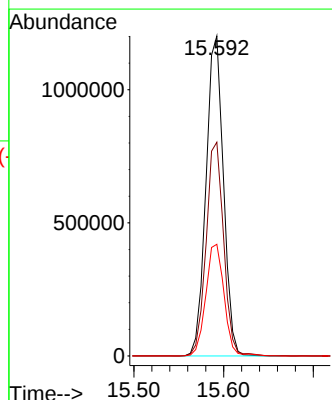
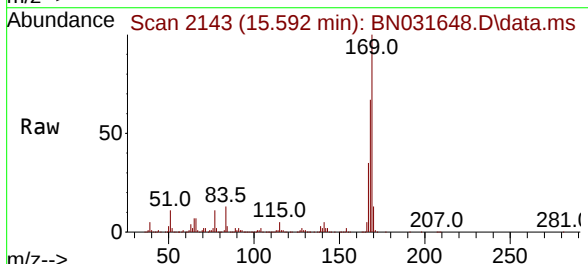
Instrument :
BNA_N
ClientSampleId :
SLCS044

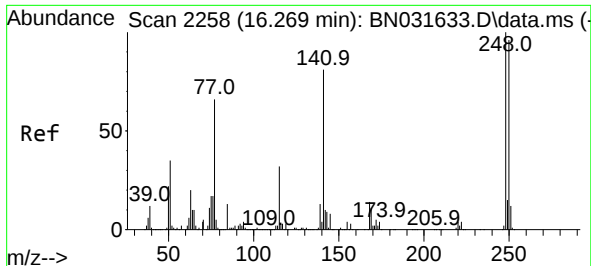
Tgt Ion:198 Resp: 229848
Ion Ratio Lower Upper
198 100
182 3.9 3.9 5.9#
77 25.0 24.2 36.2



#67
N-Nitrosodiphenylamine
Concen: 32.927 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:169 Resp: 1617006
Ion Ratio Lower Upper
169 100
168 66.8 52.5 78.7
167 34.9 29.8 44.8

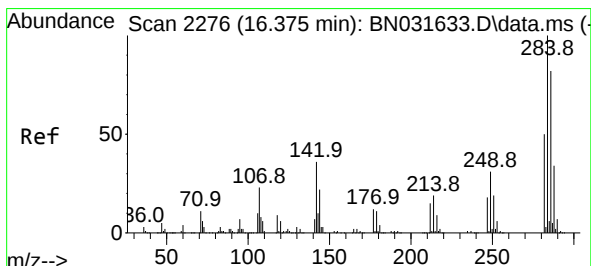
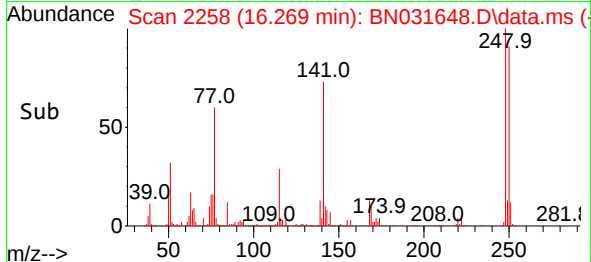
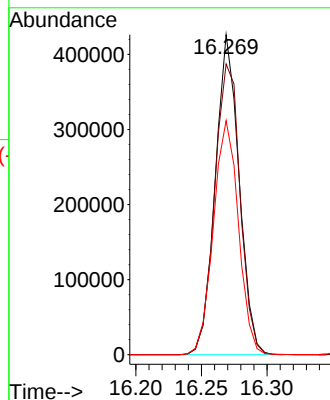
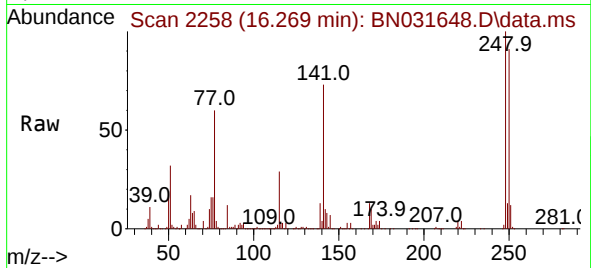




#68
4-Bromophenyl-phenylether
Concen: 32.092 ng/ul
RT: 16.269 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

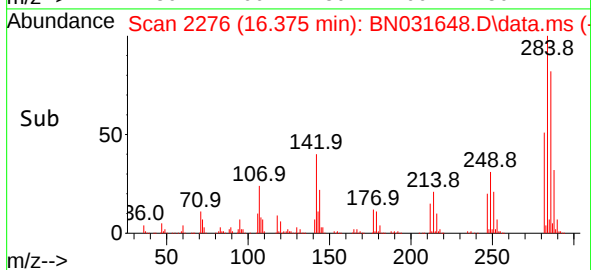
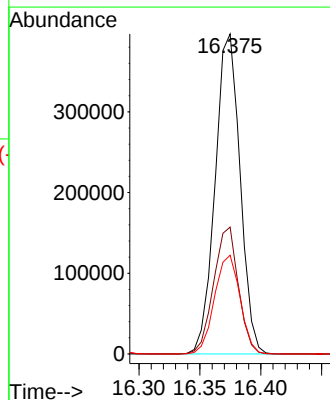
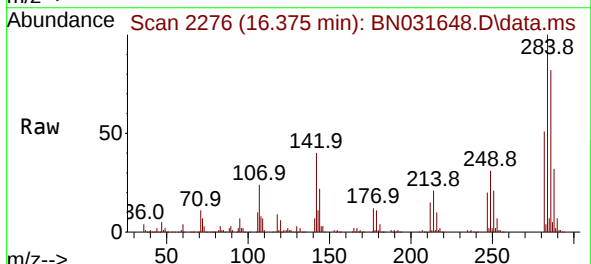
Instrument :
BNA_N
ClientSampleId :
SLCS044

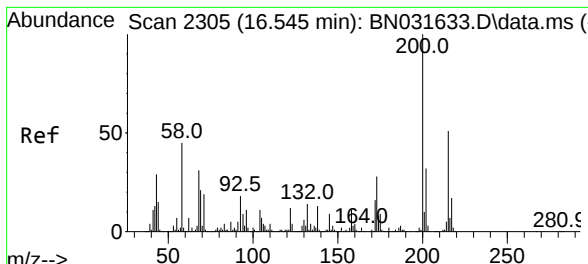
Tgt Ion:248 Resp: 539037
Ion Ratio Lower Upper
248 100
250 90.9 79.6 119.4
141 73.1 61.4 92.0



#69
Hexachlorobenzene
Concen: 31.148 ng/ul
RT: 16.375 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:284 Resp: 564664
Ion Ratio Lower Upper
284 100
142 39.7 33.0 49.4
249 30.8 26.4 39.6

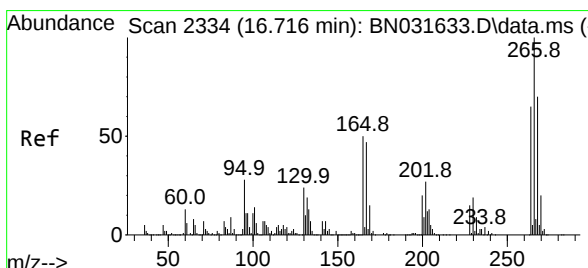
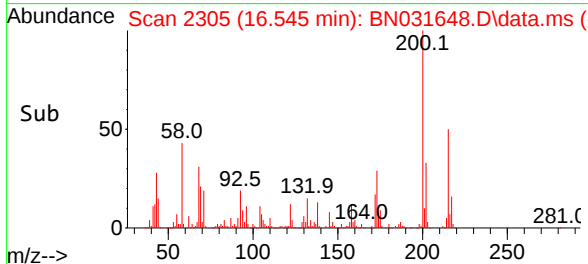
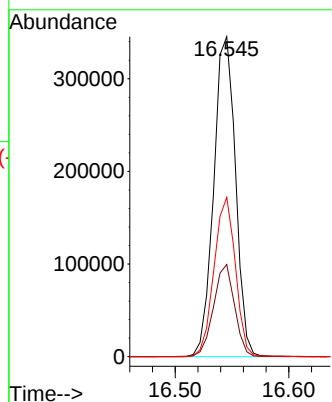
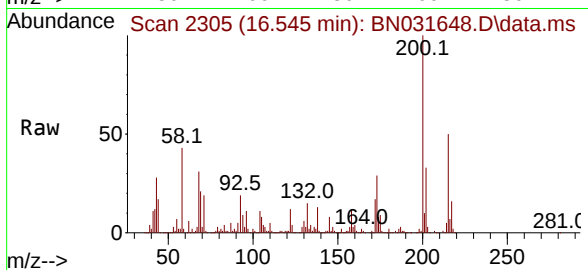




#70
 Atrazine
 Concen: 34.889 ng/ul
 RT: 16.545 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN031648.D
 Acq: 24 May 2024 01:28

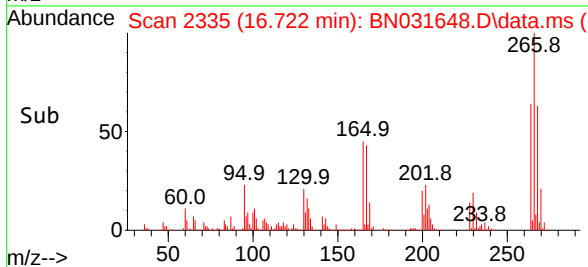
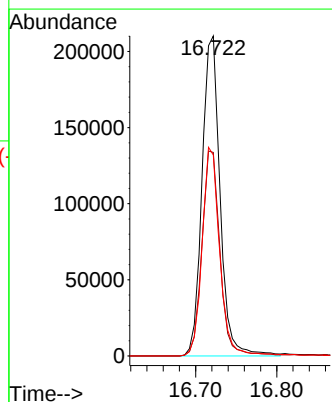
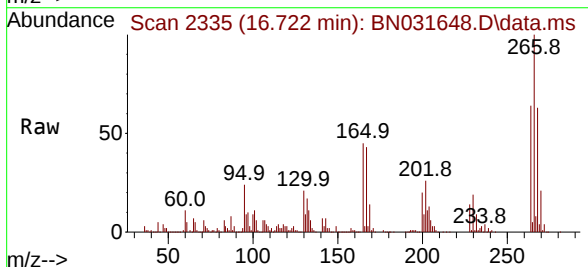
Instrument :
 BNA_N
 ClientSampleId :
 SLCS044

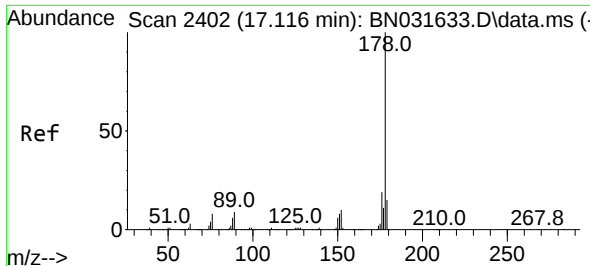
Tgt Ion:200 Resp: 461122
 Ion Ratio Lower Upper
 200 100
 173 28.8 22.1 33.1
 215 49.8 39.4 59.0



#71
 Pentachlorophenol
 Concen: 31.405 ng/ul
 RT: 16.722 min Scan# 2335
 Delta R.T. 0.000 min
 Lab File: BN031648.D
 Acq: 24 May 2024 01:28

Tgt Ion:266 Resp: 324730
 Ion Ratio Lower Upper
 266 100
 264 63.6 45.8 68.6
 268 62.8 47.4 71.0

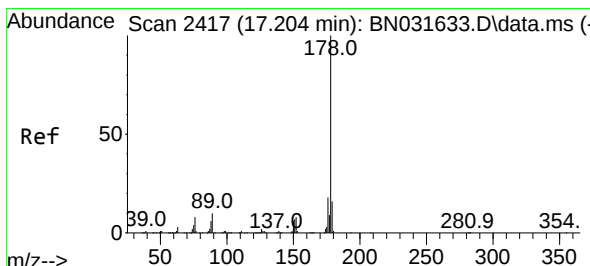
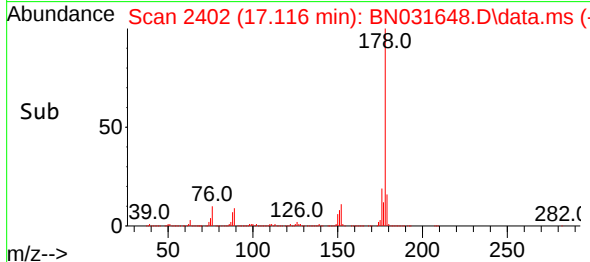
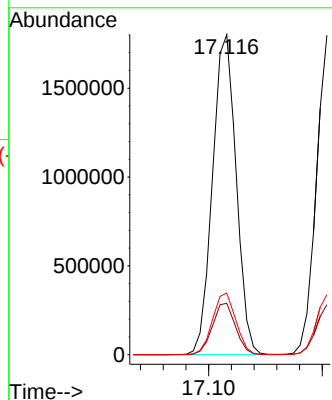
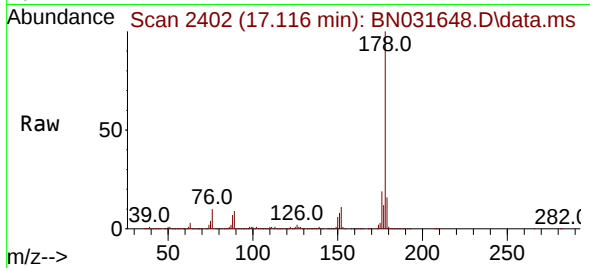




#72
Phenanthrene
Concen: 30.702 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

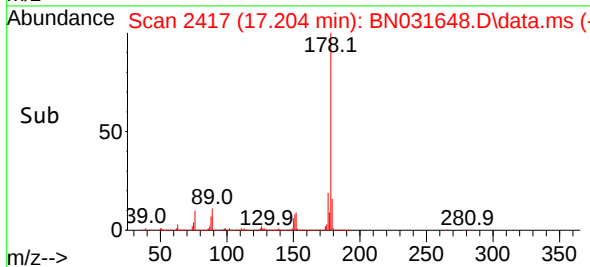
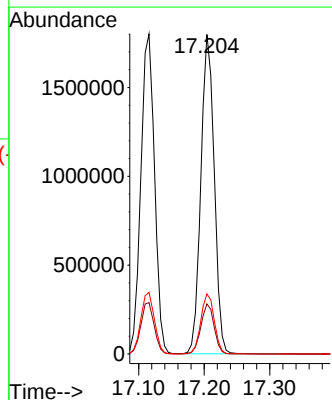
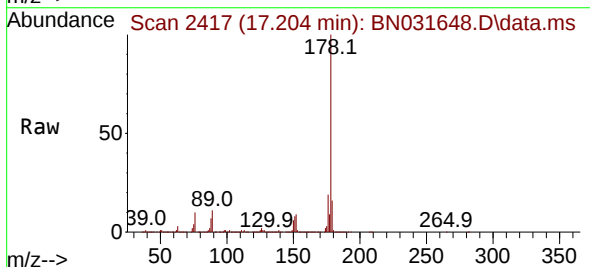
Instrument :
BNA_N
ClientSampleId :
SLCS044

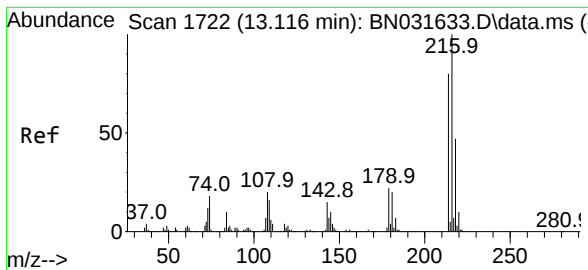
Tgt Ion:178 Resp: 2599327
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.2 15.2 22.8



#74
Anthracene
Concen: 30.038 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:178 Resp: 2551563
Ion Ratio Lower Upper
178 100
179 15.7 11.9 17.9
176 18.8 15.4 23.2

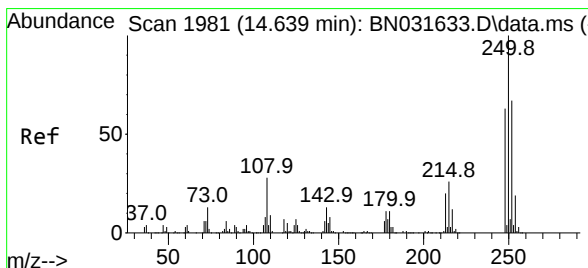
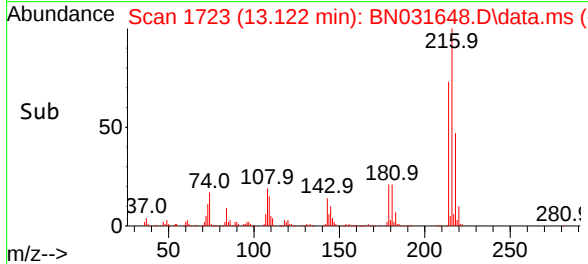
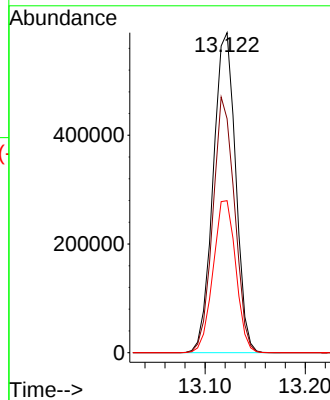
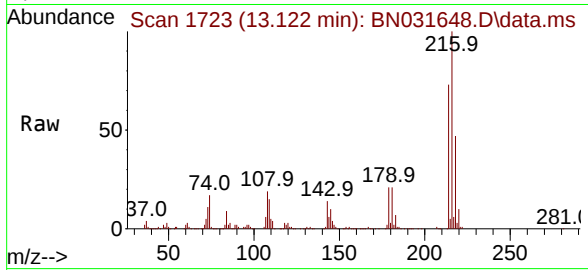




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.551 ng/uL
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

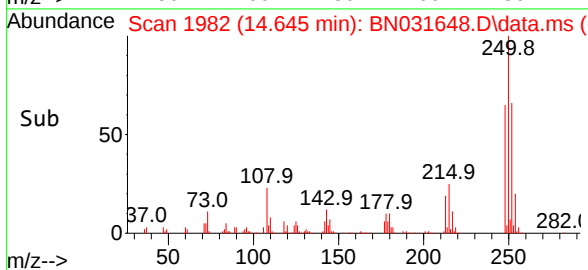
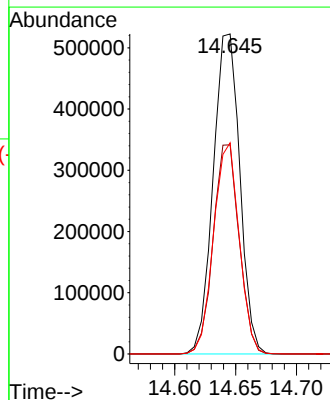
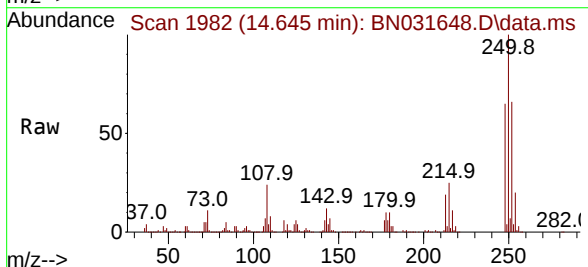
Instrument :
BNA_N
ClientSampleId :
SLCS044

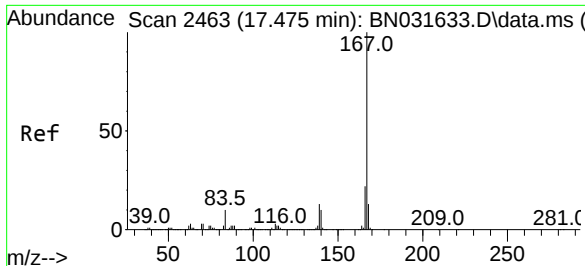
Tgt Ion:216 Resp: 916298
Ion Ratio Lower Upper
216 100
214 73.1 61.7 92.5
218 47.5 39.0 58.6



#76
Pentachlorobenzene
Concen: 33.102 ng/uL
RT: 14.645 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:250 Resp: 794940
Ion Ratio Lower Upper
250 100
248 65.3 47.3 70.9
252 66.0 51.0 76.4



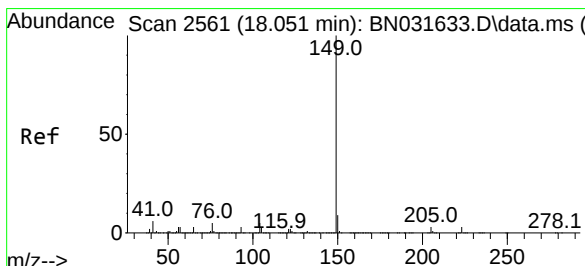
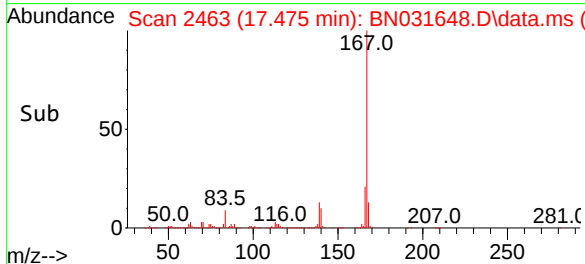
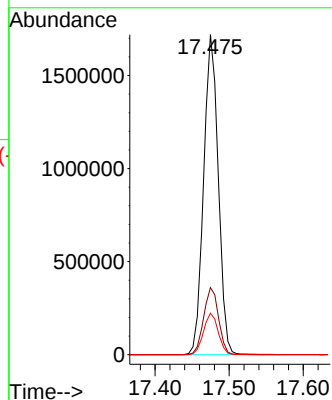
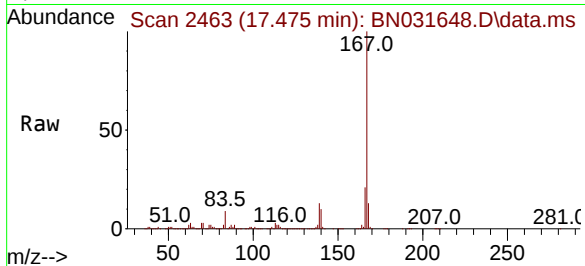


#77
 Carbazole
 Concen: 32.501 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN031648.D
 Acq: 24 May 2024 01:28

Instrument :
 BNA_N
 ClientSampleId :
 SLCS044

Tgt Ion:167 Resp: 2355870

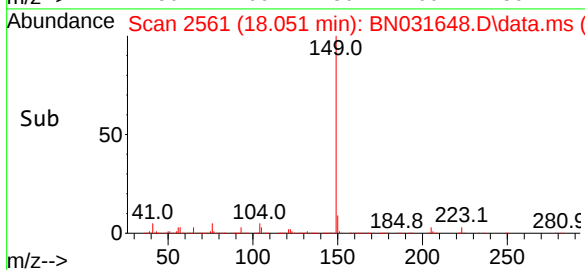
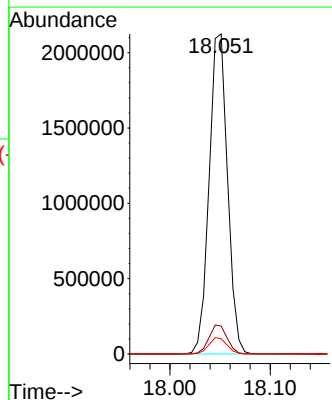
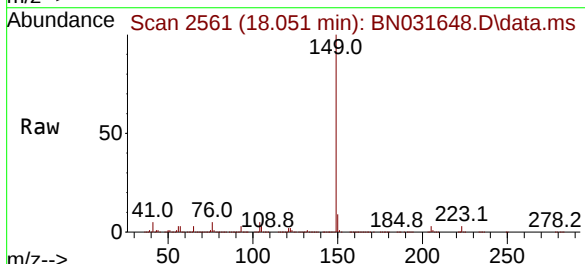
Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.7	25.1
139	12.9	10.5	15.7

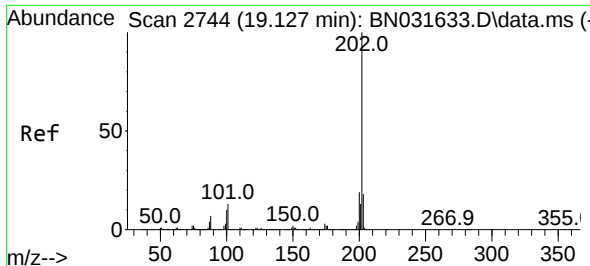


#78
 Di-n-butylphthalate
 Concen: 32.583 ng/ul
 RT: 18.051 min Scan# 2561
 Delta R.T. 0.000 min
 Lab File: BN031648.D
 Acq: 24 May 2024 01:28

Tgt Ion:149 Resp: 2711856

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.0	10.6
104	4.8	4.2	6.2

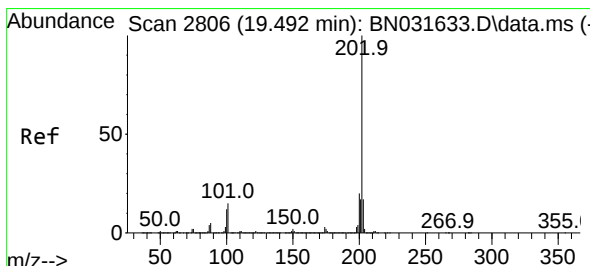
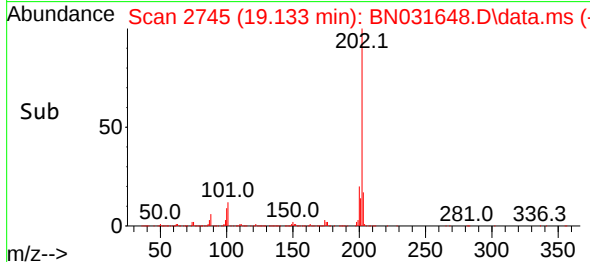
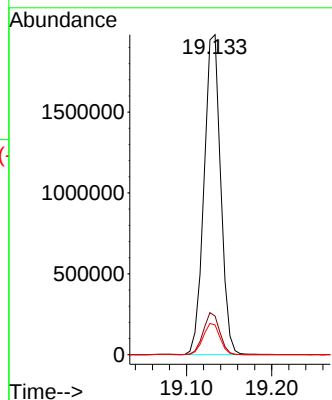
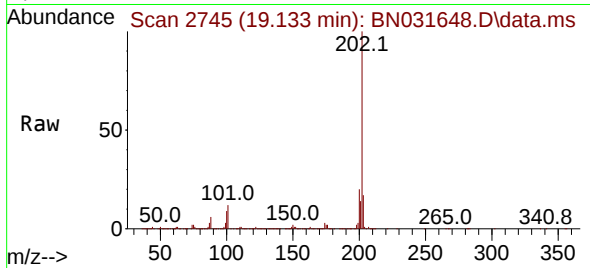




#80
Fluoranthene
Concen: 26.982 ng/u1
RT: 19.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

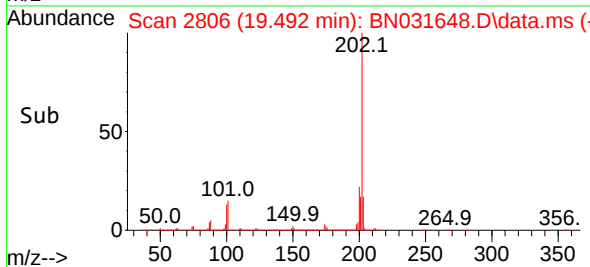
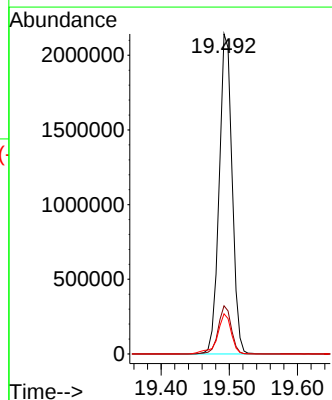
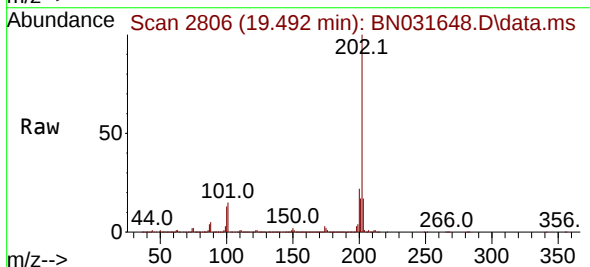
Instrument :
BNA_N
ClientSampleId :
SLCS044

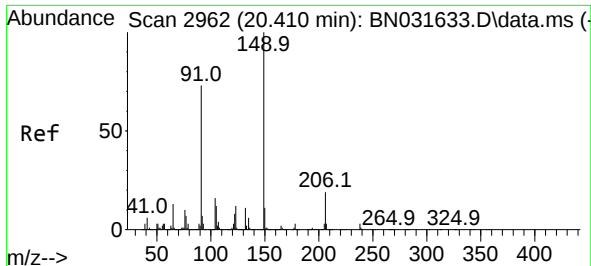
Tgt Ion:202 Resp: 2676982
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.3 8.0 12.0



#82
Pyrene
Concen: 27.811 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:202 Resp: 2829613
Ion Ratio Lower Upper
202 100
101 15.0 11.4 17.2
100 12.5 9.3 13.9

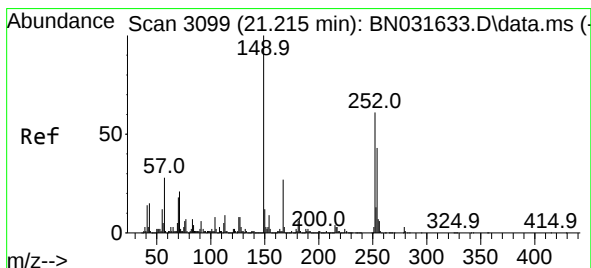
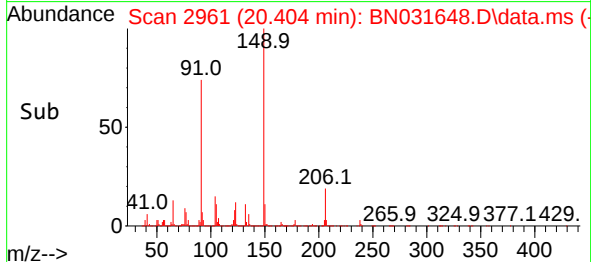
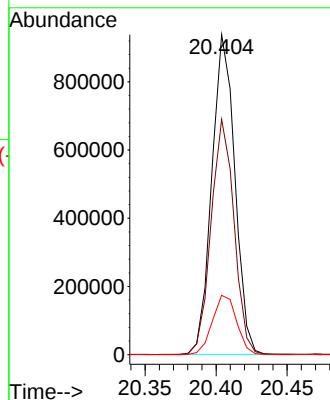
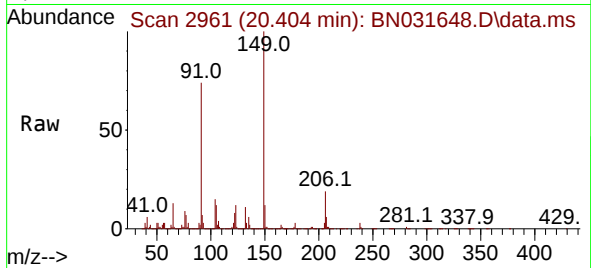




#83
Butylbenzylphthalate
Concen: 30.546 ng/ul
RT: 20.404 min Scan# 2961
Delta R.T. -0.006 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

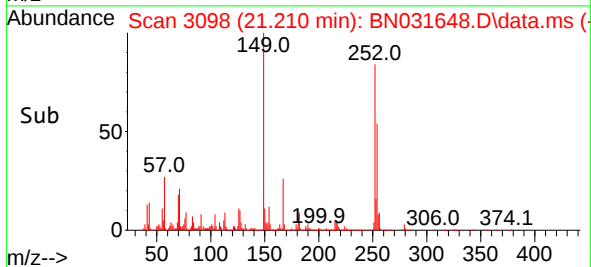
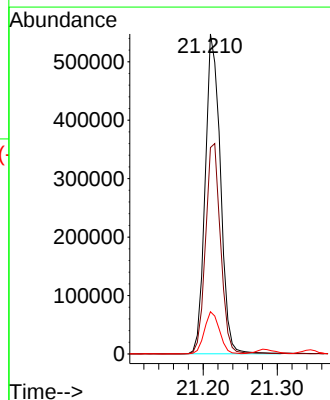
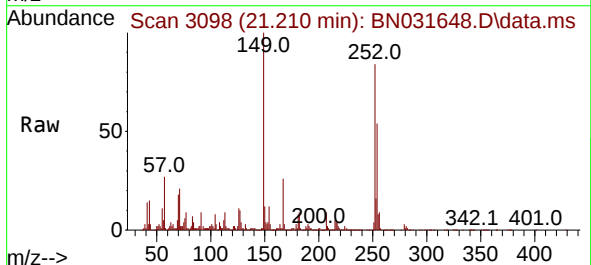
Instrument :
BNA_N
ClientSampleId :
SLCS044

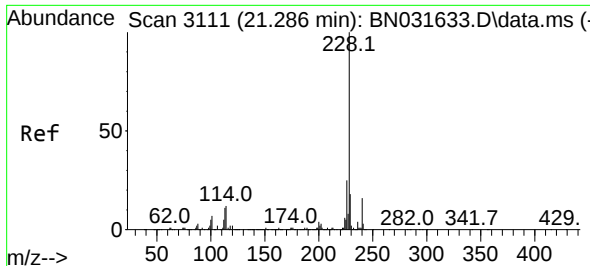
Tgt Ion:149 Resp: 1054781
Ion Ratio Lower Upper
149 100
91 73.6 60.8 91.2
206 18.6 15.8 23.8



#84
3,3'-Dichlorobenzidine
Concen: 31.731 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:252 Resp: 780734
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.0
126 13.2 10.6 15.8

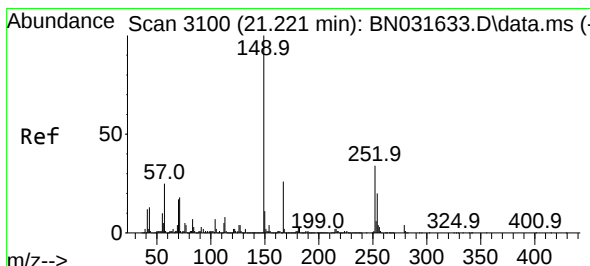
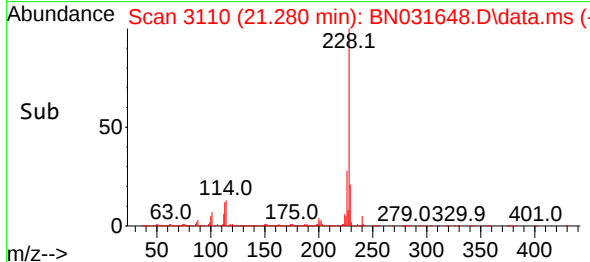
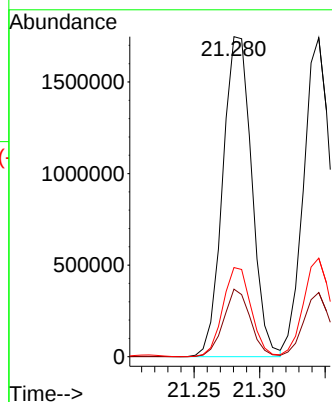
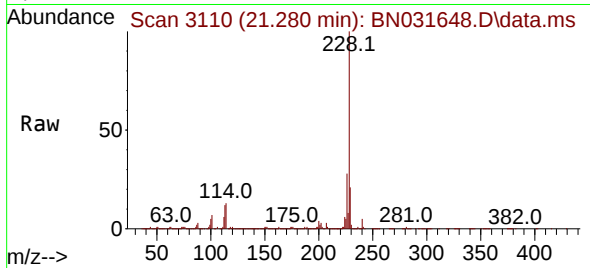




#85
Benzo(a)anthracene
Concen: 31.205 ng/ul
RT: 21.280 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

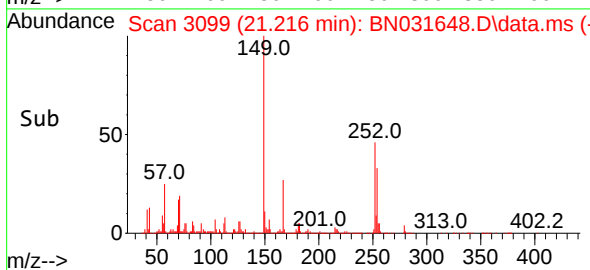
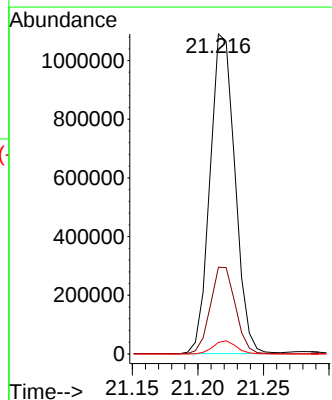
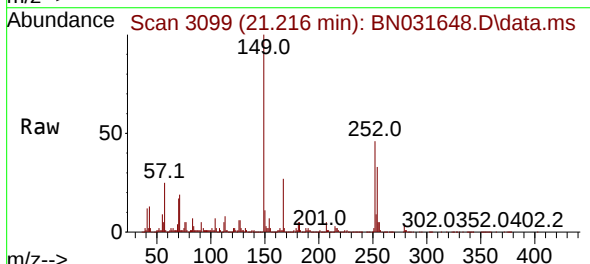
Instrument :
BNA_N
ClientSampleId :
SLCS044

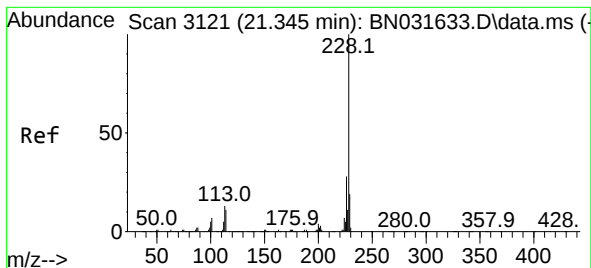
Tgt Ion:228 Resp: 2685152
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 27.9 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 30.534 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031648.D
Acq: 24 May 2024 01:28

Tgt Ion:149 Resp: 1443672
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 3.6 2.8 4.2





#87

Chrysene

Concen: 31.639 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

Instrument :

BNA_N

ClientSampleId :

SLCS044

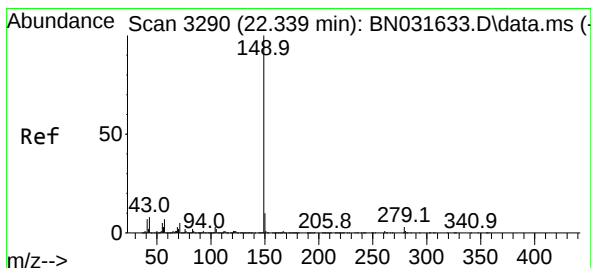
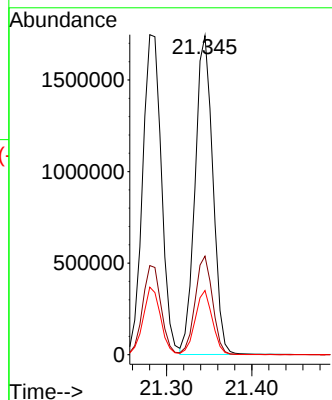
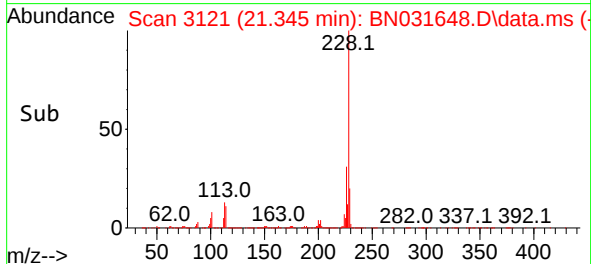
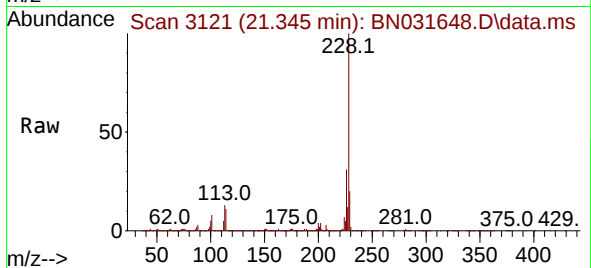
Tgt Ion:228 Resp: 2514823

Ion Ratio Lower Upper

228 100

226 30.9 22.9 34.3

229 20.1 15.2 22.8



#89

Di-n-octyl phthalate

Concen: 27.241 ng/ul

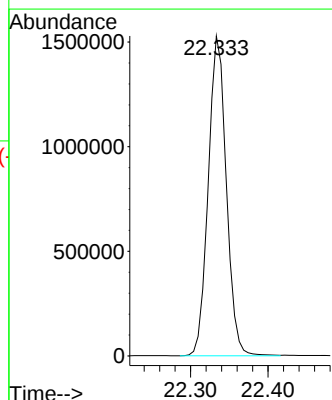
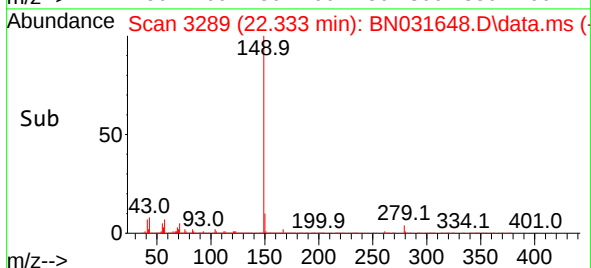
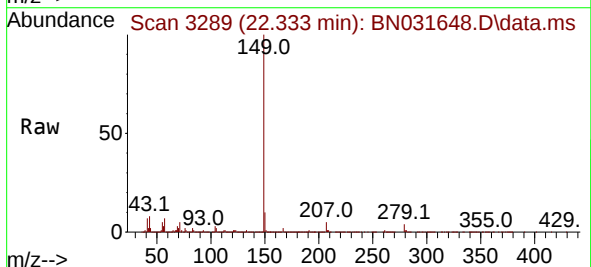
RT: 22.333 min Scan# 3289

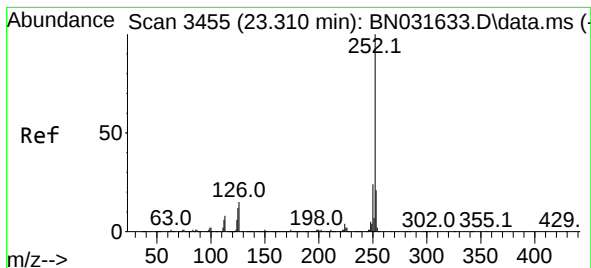
Delta R.T. -0.006 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

Tgt Ion:149 Resp: 2471730





#90

Benzo(b)fluoranthene

Concen: 30.857 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. 0.000 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

Instrument :

BNA_N

ClientSampleId :

SLCS044

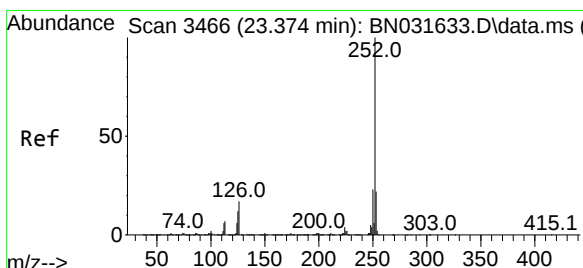
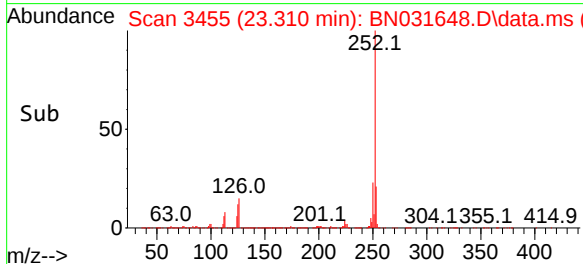
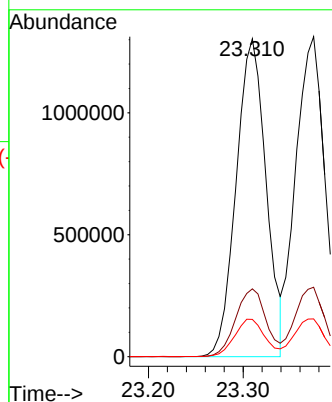
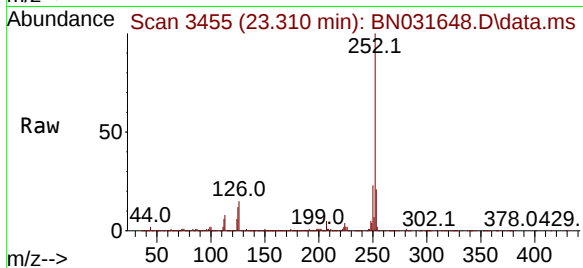
Tgt Ion:252 Resp: 2858680

Ion Ratio Lower Upper

252 100

253 21.3 16.8 25.2

125 11.7 9.3 13.9



#91

Benzo(k)fluoranthene

Concen: 29.604 ng/ul

RT: 23.374 min Scan# 3466

Delta R.T. 0.006 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

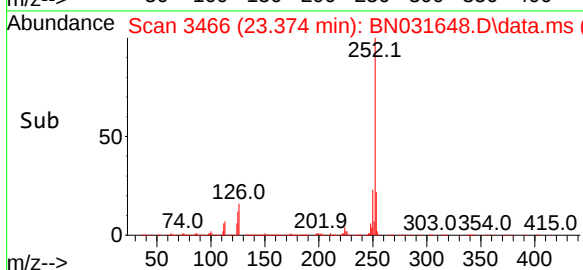
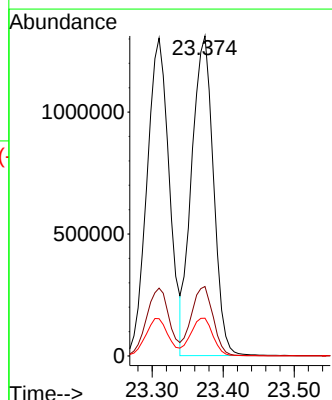
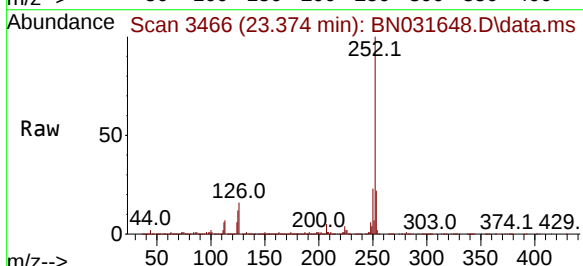
Tgt Ion:252 Resp: 2795685

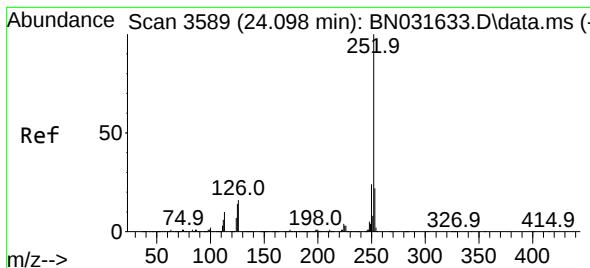
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 11.8 9.3 13.9





#93

Benzo(a)pyrene

Concen: 27.611 ng/ul

RT: 24.098 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

Instrument :

BNA_N

ClientSampleId :

SLCS044

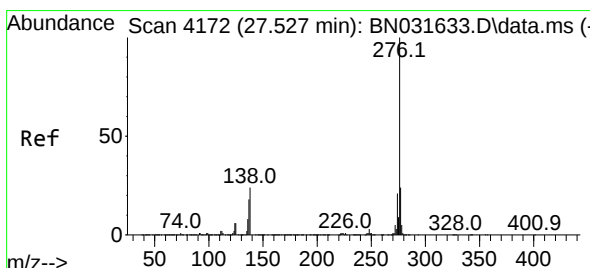
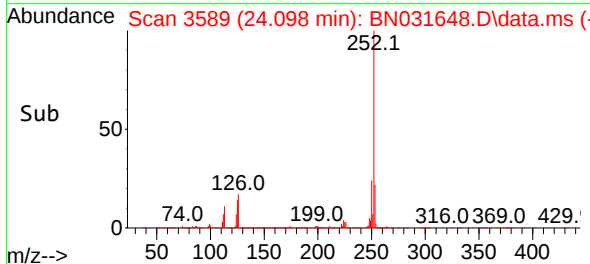
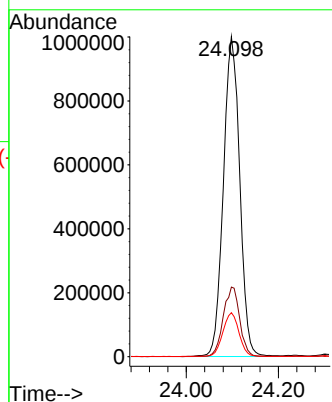
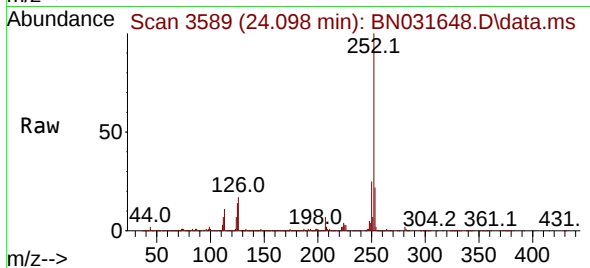
Tgt Ion:252 Resp: 2457079

Ion Ratio Lower Upper

252 100

253 21.7 16.6 24.8

125 13.8 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.307 ng/ul

RT: 27.539 min Scan# 4174

Delta R.T. 0.006 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

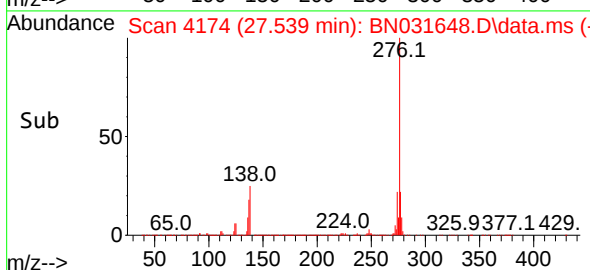
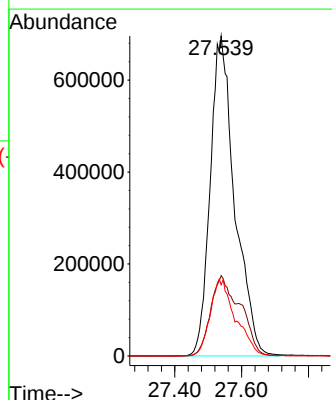
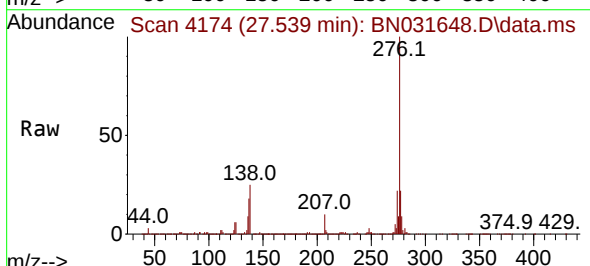
Tgt Ion:276 Resp: 3557273

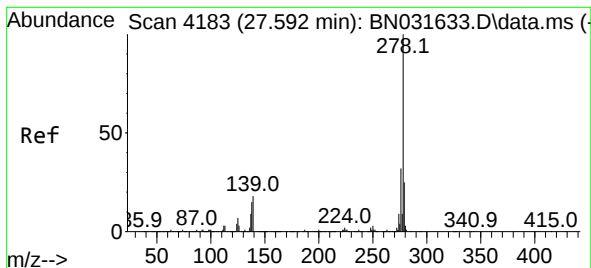
Ion Ratio Lower Upper

276 100

138 25.1 19.8 29.6

277 22.2 18.2 27.4





#95

Dibenzo(a,h)anthracene

Concen: 32.570 ng/ul

RT: 27.604 min Scan# 4185

Delta R.T. 0.012 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

Instrument :

BNA_N

ClientSampleId :

SLCS044

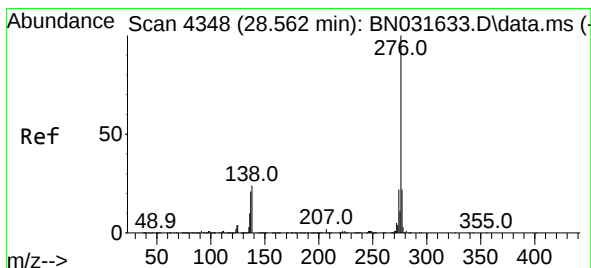
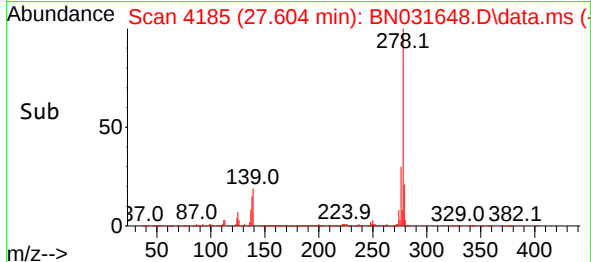
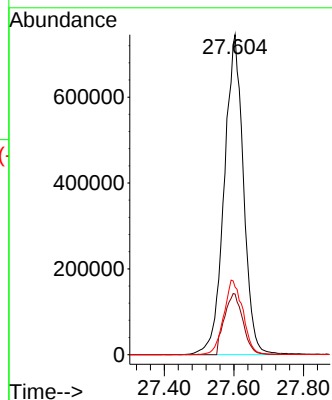
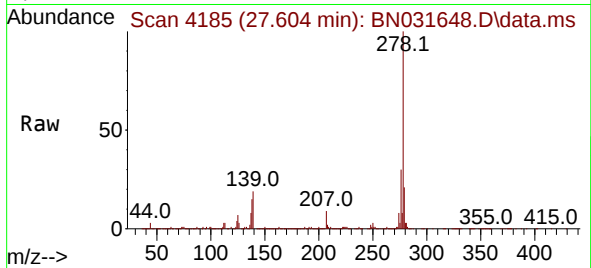
Tgt Ion:278 Resp: 2864608

Ion Ratio Lower Upper

278 100

139 18.9 15.2 22.8

279 21.2 18.4 27.6



#96

Benzo(g,h,i)perylene

Concen: 31.663 ng/ul

RT: 28.580 min Scan# 4351

Delta R.T. 0.024 min

Lab File: BN031648.D

Acq: 24 May 2024 01:28

Tgt Ion:276 Resp: 2793979

Ion Ratio Lower Upper

276 100

138 24.1 19.5 29.3

277 19.6 17.6 26.4

