

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
 Data File : BN021603.D
 Acq On : 06 Sep 2022 16:29
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020333

Quant Time: Sep 07 01:04:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 07 01:01:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	211256	20.000	ng/u1	0.00
20) Naphthalene-d8	10.899	136	956684	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.722	164	573093	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1149635	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	1012505	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	909086	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	40211	7.147	ng/uL	0.00
4) Pyridine-d5	3.793	84	288662	18.824	ng/u1	0.00
7) Phenol-d5	7.216	99	350682	18.303	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	223765	19.294	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	270303	19.391	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	275217	18.307	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	137155	21.042	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	136922	23.519	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	265580	20.598	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	389709	17.797	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	762025	19.454	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	901265	19.736	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	143555	18.417	ng/u1	0.00
60) Fluorene-d10	15.710	176	653270	19.167	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	104870	22.806	ng/u1	0.00
73) Anthracene-d10	17.569	188	989410	19.529	ng/u1	0.00
81) Pyrene-d10	19.863	212	1103813	22.924	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	889057	20.633	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	42790	7.384	ng/uL	97
5) Pyridine	3.817	79	286477	18.566	ng/u1	89
6) Benzaldehyde	7.193	77	186236	22.371	ng/u1	91
8) Phenol	7.240	94	364887	18.429	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.481	93	301060	19.070	ng/u1	96
12) 2-Chlorophenol	7.622	128	282351	18.880	ng/u1	97
13) 2-Methylphenol	8.510	108	276722	18.395	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.599	45	395583	19.866	ng/u1	97
16) Acetophenone	8.899	105	440848	18.541	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.881	70	227496	19.215	ng/u1	94
18) 4-Methylphenol	8.846	108	302392	18.299	ng/u1	97
19) Hexachloroethane	9.157	117	114546	19.216	ng/u1	86
22) Nitrobenzene	9.287	77	333352	20.754	ng/u1	97
23) Isophorone	9.810	82	640381	19.361	ng/u1	99
25) 2-Nitrophenol	10.004	139	162218	23.787	ng/u1	91
26) 2,4-Dimethylphenol	10.057	107	324912	19.240	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.299	93	411797	19.881	ng/u1	98
29) 2,4-Dichlorophenol	10.540	162	265479	19.652	ng/u1	97
30) Naphthalene	10.951	128	948003	19.031	ng/u1	99
32) 4-Chloroaniline	11.057	127	399862	17.621	ng/u1	99
33) Hexachlorobutadiene	11.228	225	153274	19.694	ng/u1	96
34) Caprolactam	11.816	113	68457	13.248	ng/u1	85
35) 4-Chloro-3-methylphenol	12.175	107	297345	19.530	ng/u1	98
36) 2-Methylnaphthalene	12.551	142	640762	19.015	ng/u1	100

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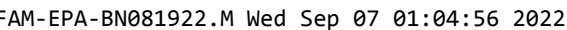
Instrument :
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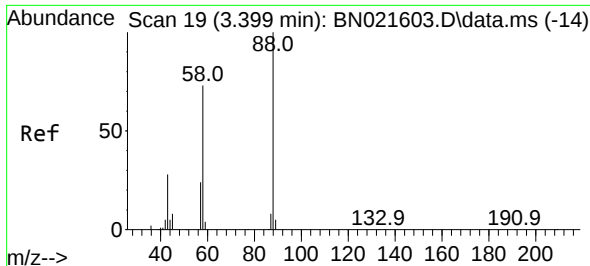
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 QLast Update : Wed Sep 07 01:01:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	646111	19.078	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.916	216	300095	20.421	ng/ul	98
40) Hexachlorocyclopentadiene	12.898	237	222859	25.472	ng/ul	99
41) 2,4,6-Trichlorophenol	13.157	196	203630	22.332	ng/ul	99
42) 2,4,5-Trichlorophenol	13.228	196	221342	22.124	ng/ul	97
43) 1,1'-Biphenyl	13.557	154	830722	19.835	ng/ul	97
44) 2-Chloronaphthalene	13.604	162	640653	19.981	ng/ul	99
45) 2-Nitroaniline	13.804	65	184537	22.947	ng/ul	95
47) Dimethylphthalate	14.175	163	784148	19.571	ng/ul	100
48) 2,6-Dinitrotoluene	14.298	165	152350	22.164	ng/ul	98
50) Acenaphthylene	14.445	152	1035415	19.641	ng/ul	97
51) 3-Nitroaniline	14.628	138	166899	21.795	ng/ul	99
52) Acenaphthene	14.787	153	661943	19.433	ng/ul	97
53) 2,4-Dinitrophenol	14.828	184	76692	22.790	ng/ul	96
55) 4-Nitrophenol	14.928	109	110564	17.695	ng/ul	93
56) Dibenzofuran	15.122	168	944907	19.307	ng/ul	98
57) 2,4-Dinitrotoluene	15.081	165	217023	21.739	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.345	232	171143	22.287	ng/ul	98
59) Diethylphthalate	15.534	149	787908	19.500	ng/ul	99
61) Fluorene	15.769	166	723636	18.748	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.757	204	336861	18.932	ng/ul	98
63) 4-Nitroaniline	15.792	138	150325	19.561	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.839	198	110317	22.645	ng/ul#	93
67) N-Nitrosodiphenylamine	15.975	169	636740	19.761	ng/ul	98
68) 4-Bromophenyl-phenylether	16.657	248	203921	19.944	ng/ul	97
69) Hexachlorobenzene	16.775	284	242694	19.940	ng/ul	95
70) Atrazine	16.922	200	222774	19.538	ng/ul	98
71) Pentachlorophenol	17.116	266	142203	20.986	ng/ul	89
72) Phenanthrene	17.510	178	1163189	19.155	ng/ul	99
74) Anthracene	17.604	178	1178994	19.498	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.522	216	307938	21.045	ng/uL	99
76) Pentachlorobenzene	15.034	250	286495	20.554	ng/uL	95
77) Carbazole	17.875	167	1098315	19.221	ng/ul	99
78) Di-n-butylphthalate	18.433	149	1335564	20.731	ng/ul	100
80) Fluoranthene	19.527	202	1350745	23.257	ng/ul#	93
82) Pyrene	19.892	202	1302330	21.514	ng/ul#	89
83) Butylbenzylphthalate	20.780	149	571423	24.940	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.574	252	344226	17.831	ng/ul#	87
85) Benzo(a)anthracene	21.645	228	1225077	20.095	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.557	149	829023	23.633	ng/ul#	97
87) Chrysene	21.704	228	1194424	20.236	ng/ul	100
89) Di-n-octyl phthalate	22.521	149	1386537	26.038	ng/ul	100
90) Benzo(b)fluoranthene	23.410	252	1196626	21.636	ng/ul#	95
91) Benzo(k)fluoranthene	23.410	252	1196626	24.187	ng/ul	98
93) Benzo(a)pyrene	24.068	252	1092641	20.648	ng/ul	94
95) Dibenzo(a,h)anthracene	26.857	278	881825	16.084	ng/ul	94
96) Benzo(g,h,i)perylene	27.651	276	871670	15.376	ng/ul#	93

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

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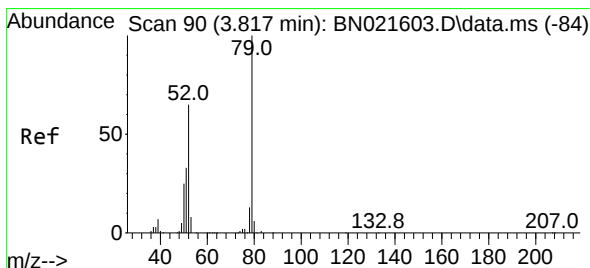
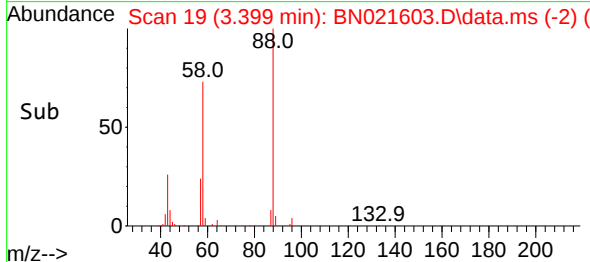
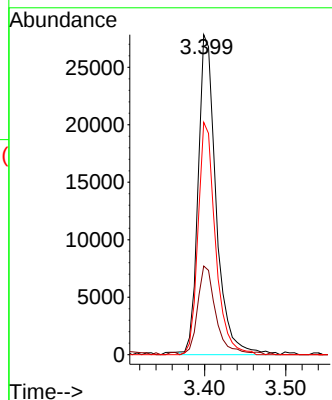
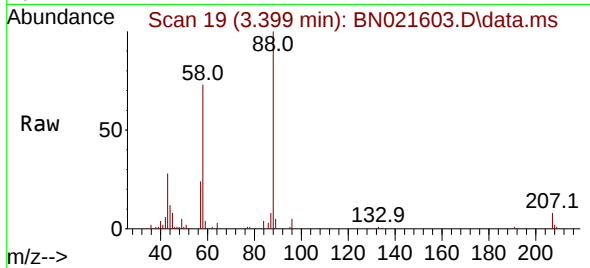




#2
1,4-Dioxane
Concen: 7.384 ng/uL
RT: 3.399 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN021603.D
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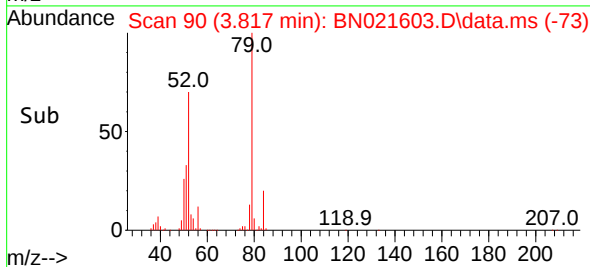
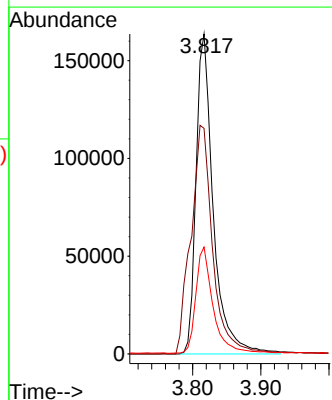
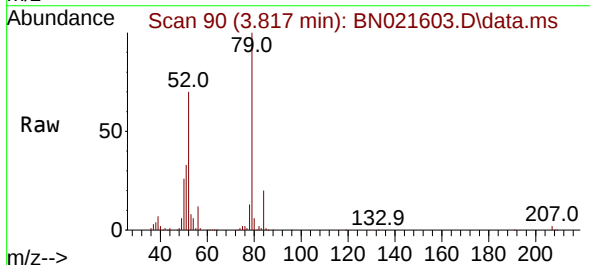
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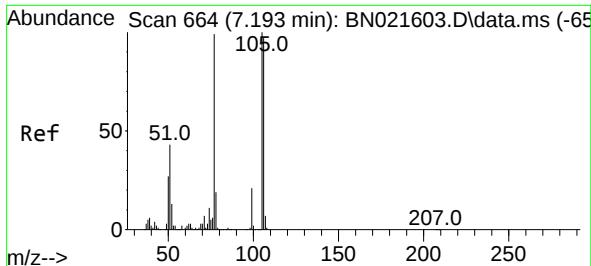
Tgt Ion: 88 Resp: 42790
Ion Ratio Lower Upper
88 100
43 27.7 22.4 33.6
58 72.6 61.0 91.4



#5
Pyridine
Concen: 18.566 ng/uL
RT: 3.817 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion: 79 Resp: 286477
Ion Ratio Lower Upper
79 100
52 70.5 65.0 97.4
51 33.4 31.6 47.4

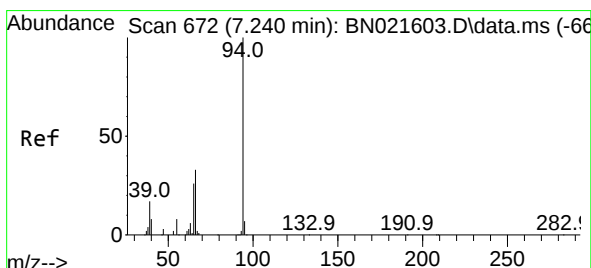
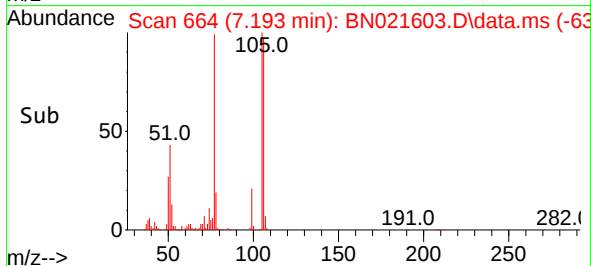
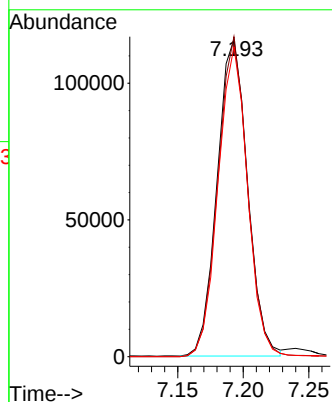
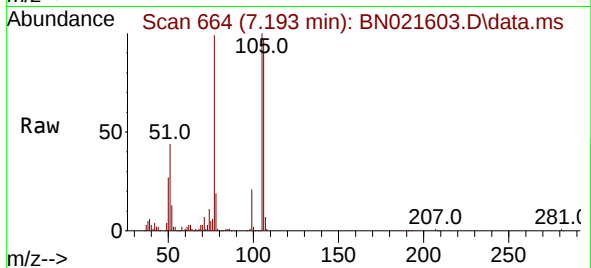




#6
Benzaldehyde
Concen: 22.371 ng/ul
RT: 7.193 min Scan# 664
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

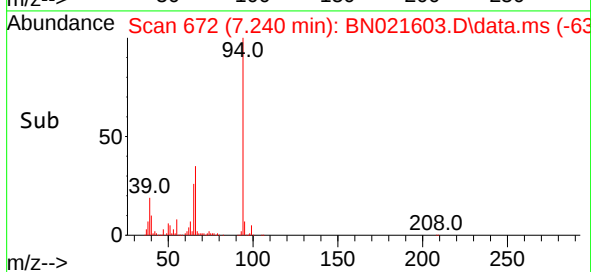
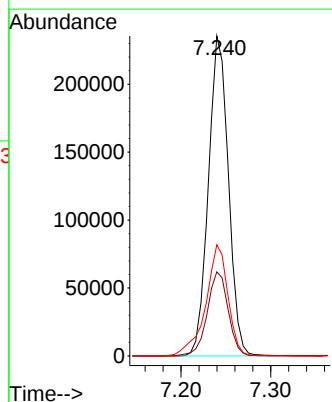
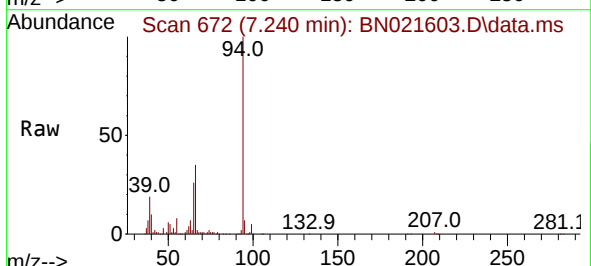
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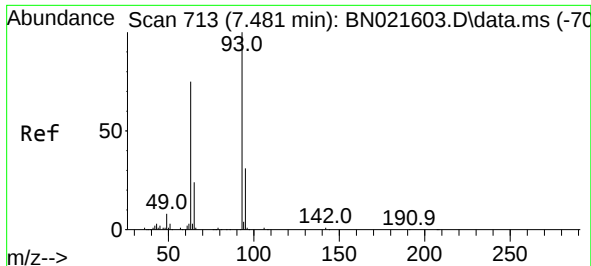
Tgt Ion: 77 Resp: 186236
Ion Ratio Lower Upper
77 100
105 100.8 74.7 112.1
106 97.7 70.2 105.4



#8
Phenol
Concen: 18.429 ng/ul
RT: 7.240 min Scan# 672
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion: 94 Resp: 364887
Ion Ratio Lower Upper
94 100
65 26.3 23.6 35.4
66 34.7 31.2 46.8





#10

Bis(2-Chloroethyl)ether

Concen: 19.070 ng/ul

RT: 7.481 min Scan# 713

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

Instrument :

BNA_N

ClientSampleId :

SSTD020333

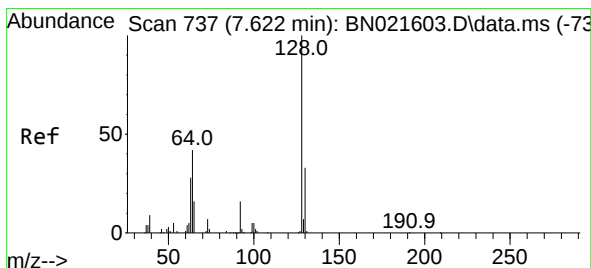
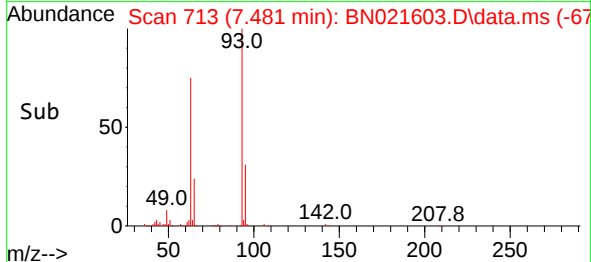
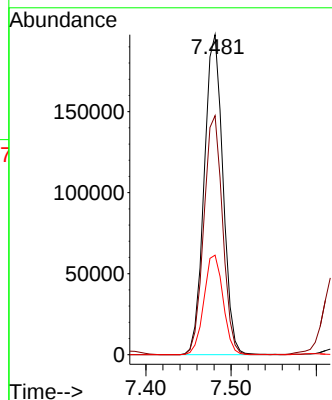
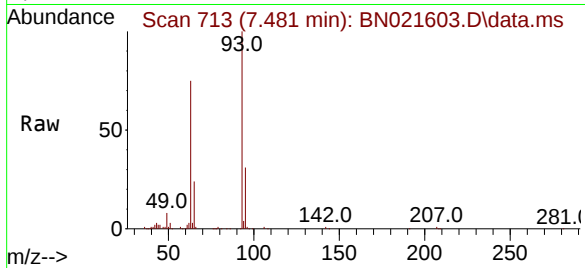
Tgt Ion: 93 Resp: 301060

Ion Ratio Lower Upper

93 100

63 74.7 63.4 95.0

95 31.1 26.2 39.2



#12

2-Chlorophenol

Concen: 18.880 ng/ul

RT: 7.622 min Scan# 737

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

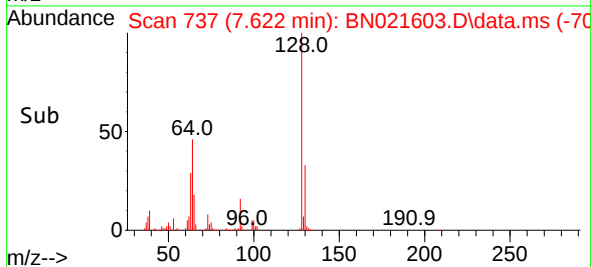
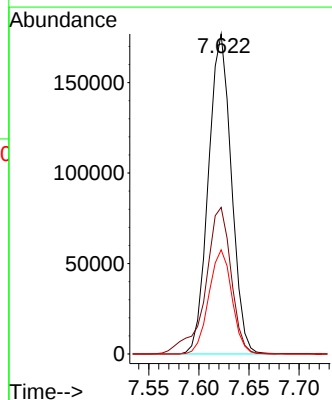
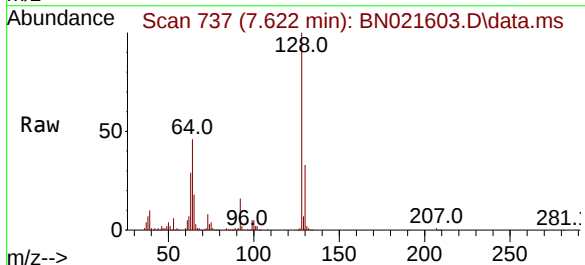
Tgt Ion:128 Resp: 282351

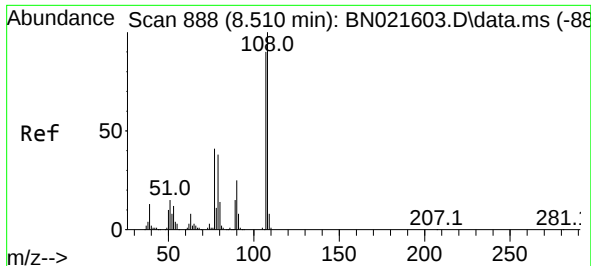
Ion Ratio Lower Upper

128 100

64 45.8 38.6 57.8

130 32.6 25.0 37.4

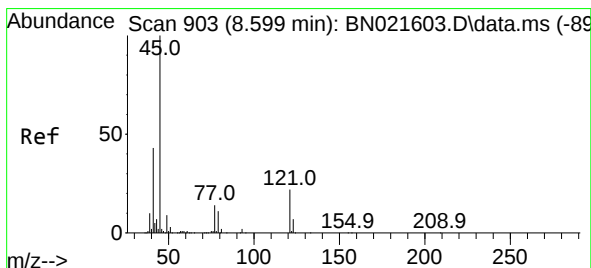
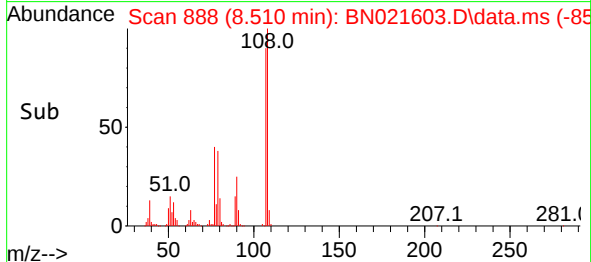
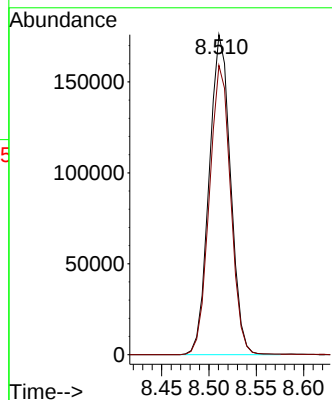
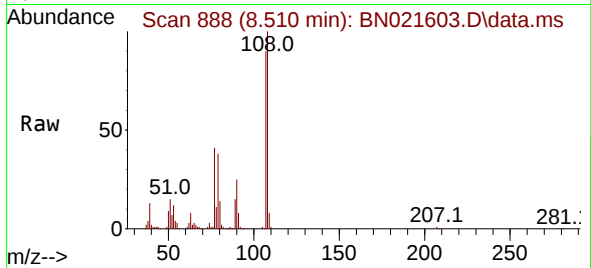




#13
2-Methylphenol
Concen: 18.395 ng/ul
RT: 8.510 min Scan# 888
Delta R.T. 0.000 min
Lab File: BN021603.D
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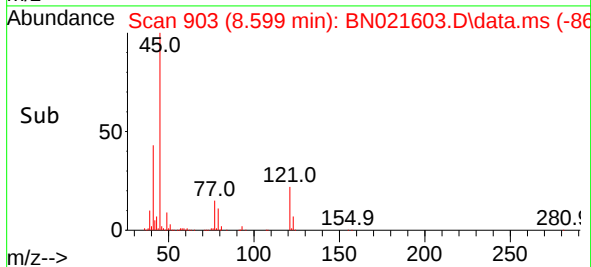
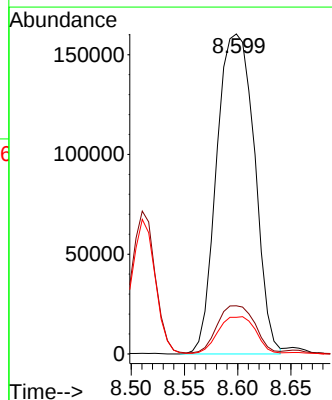
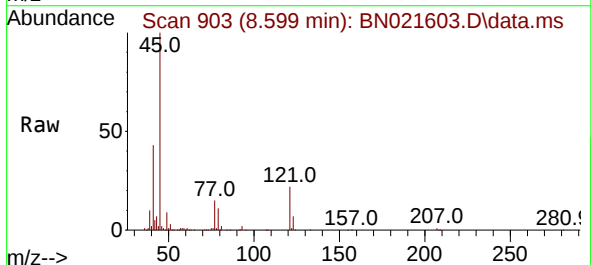
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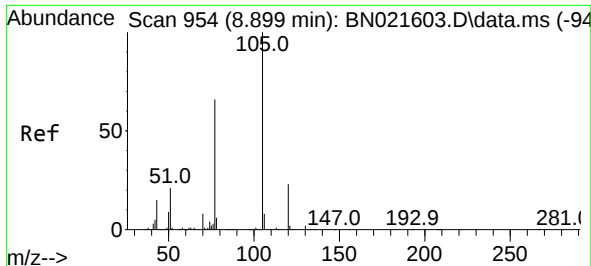
Tgt Ion:108 Resp: 276722
Ion Ratio Lower Upper
108 100
107 90.4 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.866 ng/ul
RT: 8.599 min Scan# 903
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion: 45 Resp: 395583
Ion Ratio Lower Upper
45 100
77 15.1 10.9 16.3
79 11.5 8.6 13.0

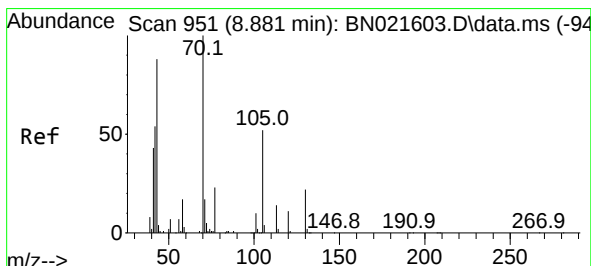
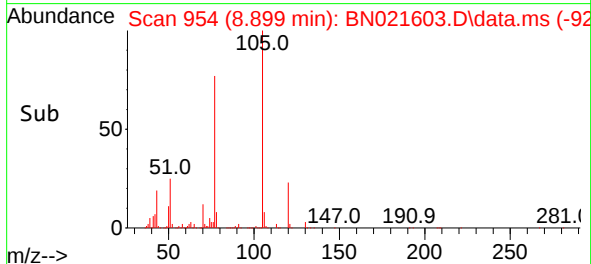
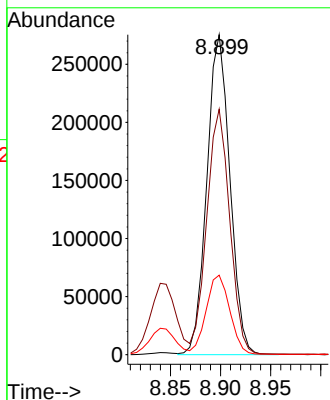
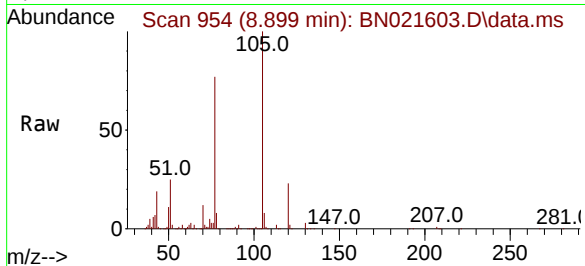




#16
Acetophenone
Concen: 18.541 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. 0.000 min
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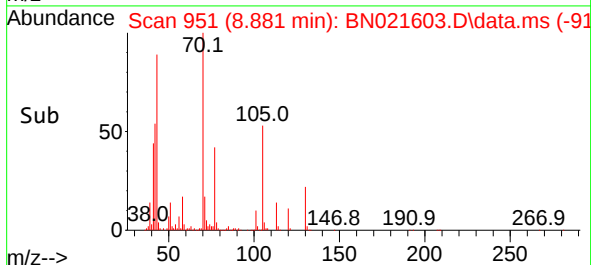
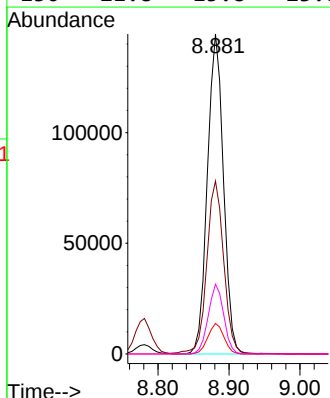
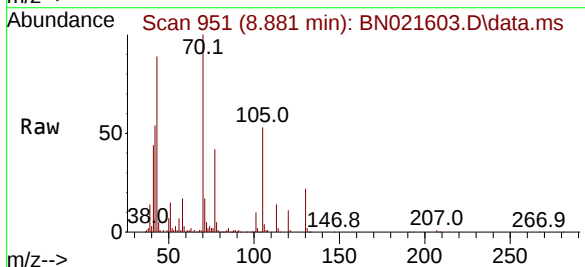
Instrument :
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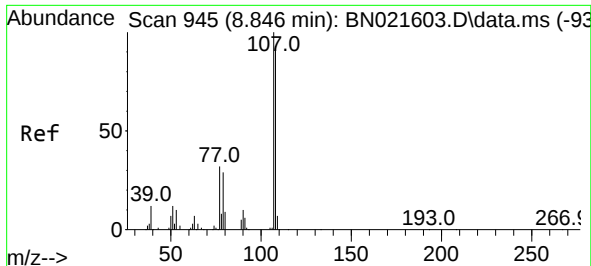
Tgt Ion:105 Resp: 440848
Ion Ratio Lower Upper
105 100
77 76.7 63.5 95.3
51 24.8 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 19.215 ng/ul
RT: 8.881 min Scan# 951
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion: 70 Resp: 227496
Ion Ratio Lower Upper
70 100
42 54.1 47.8 71.6
101 9.6 7.8 11.6
130 21.8 15.8 23.8

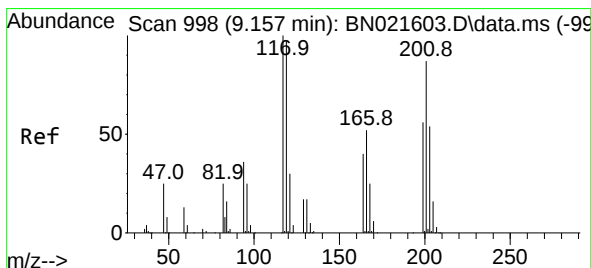
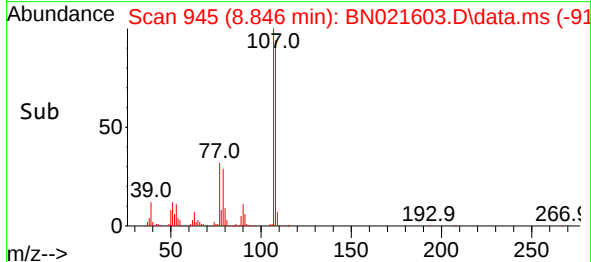
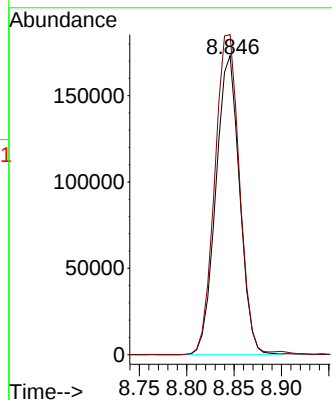
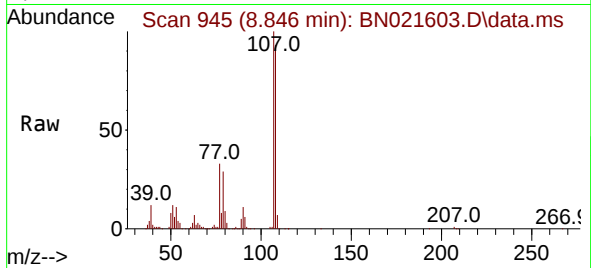




#18
4-Methylphenol
Concen: 18.299 ng/ul
RT: 8.846 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

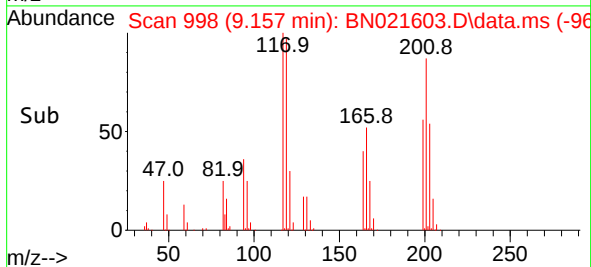
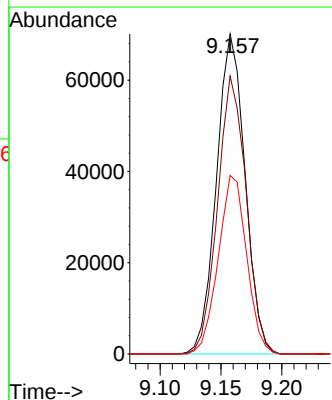
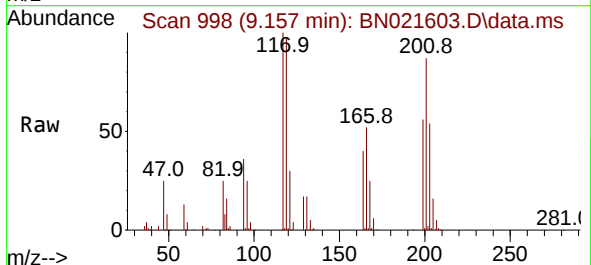
Instrument :
BNA_N
ClientSampleId :
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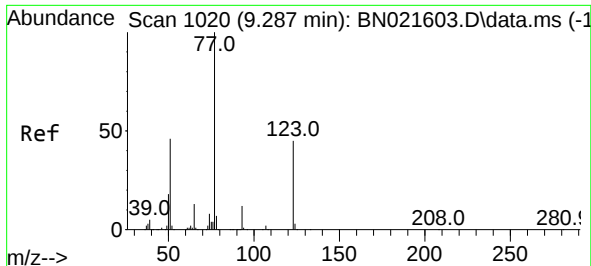
Tgt Ion:108 Resp: 302392
Ion Ratio Lower Upper
108 100
107 107.0 88.0 132.0



#19
Hexachloroethane
Concen: 19.216 ng/ul
RT: 9.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:117 Resp: 114546
Ion Ratio Lower Upper
117 100
201 86.9 83.2 124.8
199 55.8 50.2 75.4

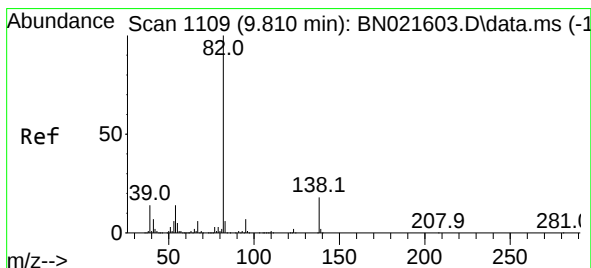
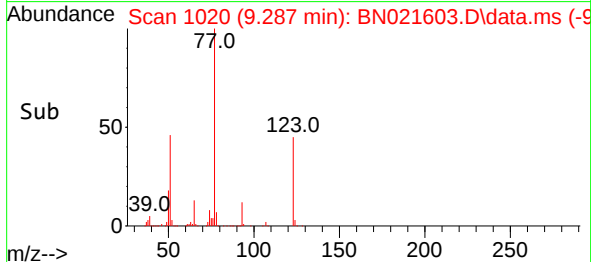
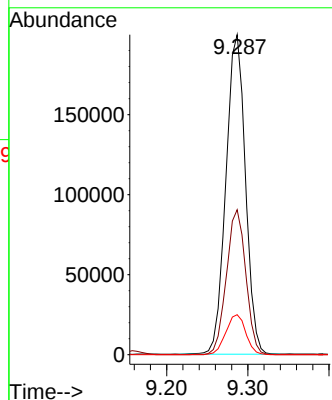
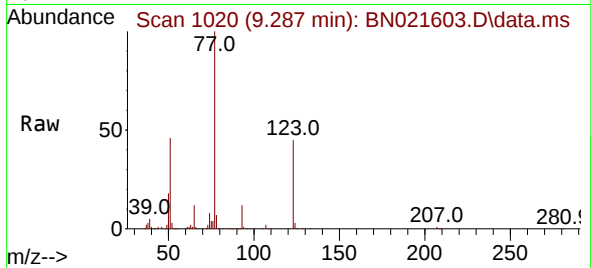




#22
Nitrobenzene
Concen: 20.754 ng/ul
RT: 9.287 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

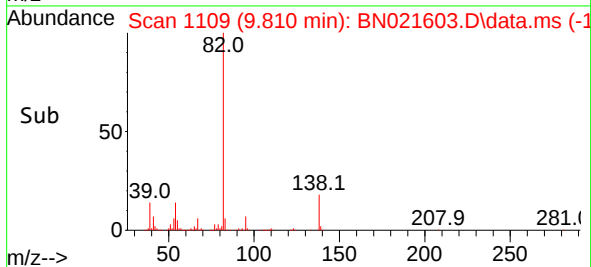
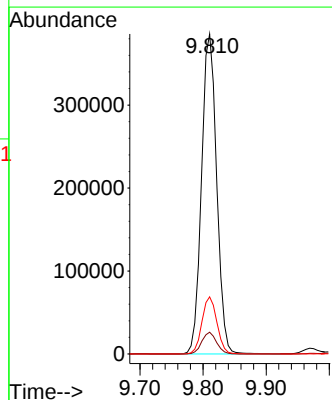
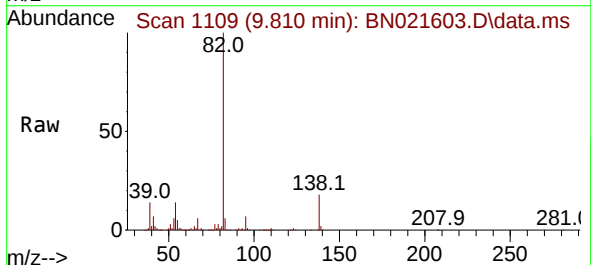
Instrument :
BNA_N
ClientSampleId :
SSTD020333

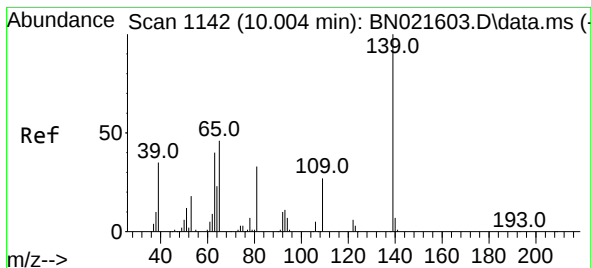
Tgt Ion: 77 Resp: 333352
Ion Ratio Lower Upper
77 100
123 45.3 34.5 51.7
65 12.5 11.1 16.7



#23
Isophorone
Concen: 19.361 ng/ul
RT: 9.810 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion: 82 Resp: 640381
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.8
138 17.9 13.8 20.8

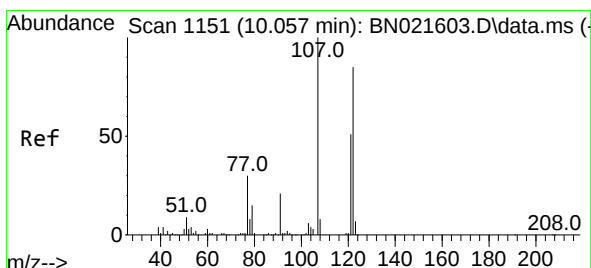
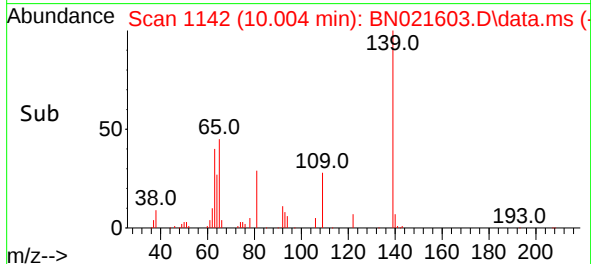
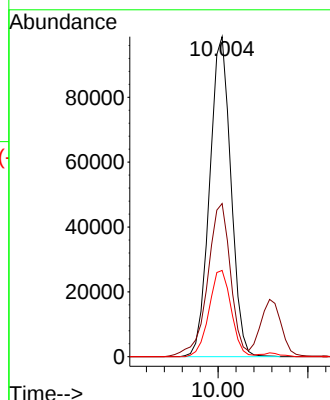
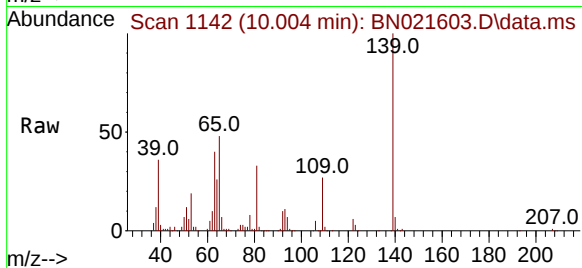




#25
2-Nitrophenol
Concen: 23.787 ng/ul
RT: 10.004 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

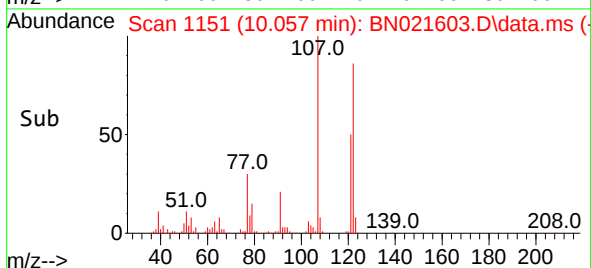
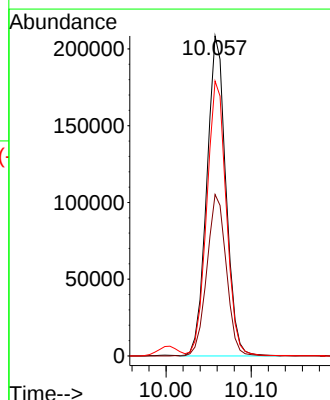
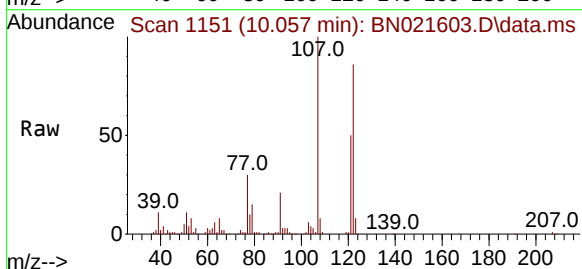
Instrument :
BNA_N
ClientSampleId :
SSTD020333

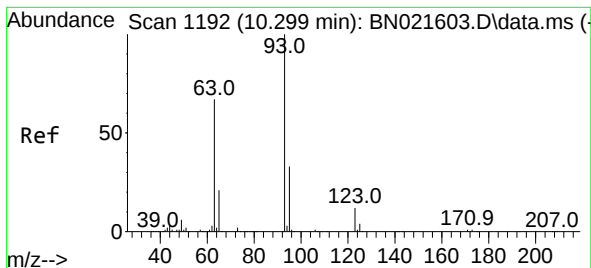
Tgt Ion:139 Resp: 162218
Ion Ratio Lower Upper
139 100
65 47.8 43.7 65.5
109 27.0 25.8 38.6



#26
2,4-Dimethylphenol
Concen: 19.240 ng/ul
RT: 10.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:107 Resp: 324912
Ion Ratio Lower Upper
107 100
121 50.5 38.3 57.5
122 85.9 66.3 99.5

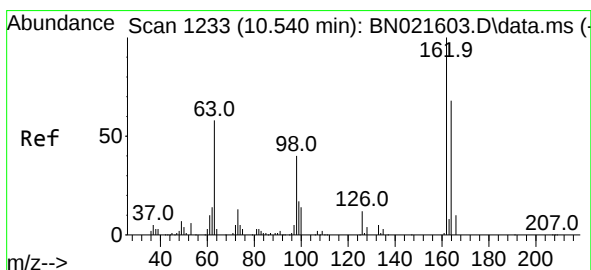
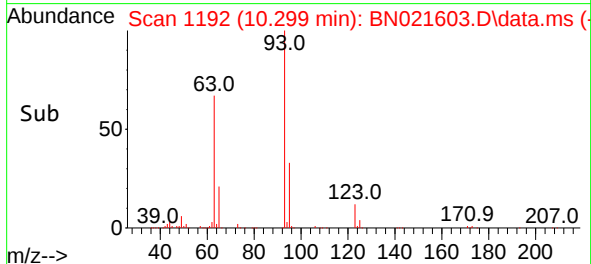
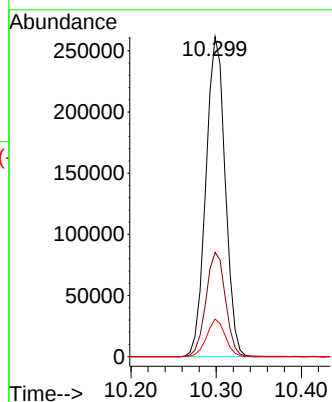
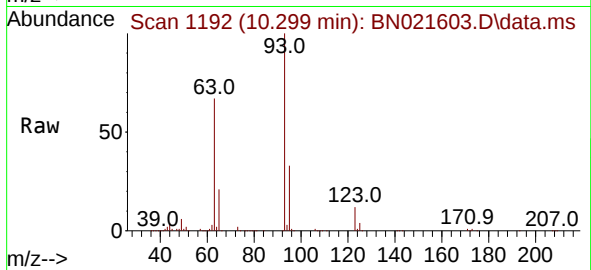




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.881 ng/ul
 RT: 10.299 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BN021603.D
 Acq: 06 Sep 2022 16:29

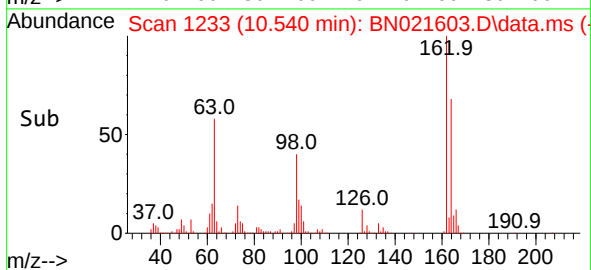
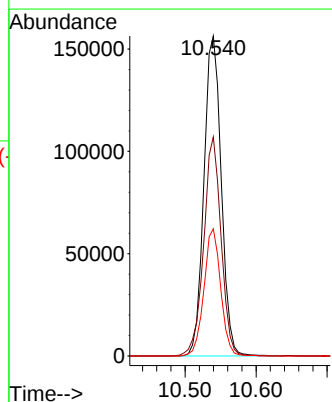
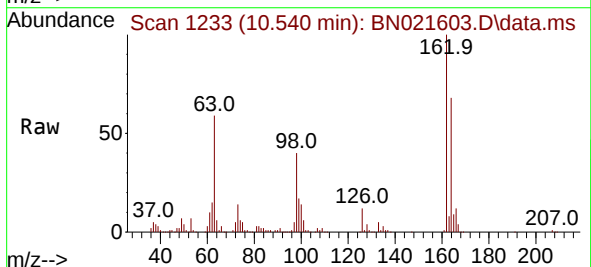
Instrument :
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 ClientSampleId :
 SSTD020333

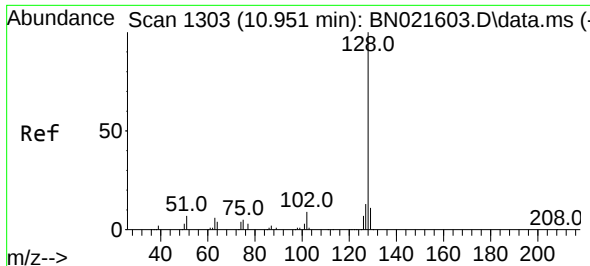
Tgt Ion: 93 Resp: 411797
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.4 38.0
 123 11.8 8.3 12.5



#29
 2,4-Dichlorophenol
 Concen: 19.652 ng/ul
 RT: 10.540 min Scan# 1233
 Delta R.T. 0.000 min
 Lab File: BN021603.D
 Acq: 06 Sep 2022 16:29

Tgt Ion: 162 Resp: 265479
 Ion Ratio Lower Upper
 162 100
 164 68.4 52.9 79.3
 98 39.7 29.8 44.8

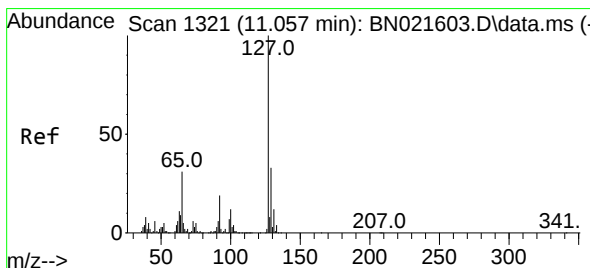
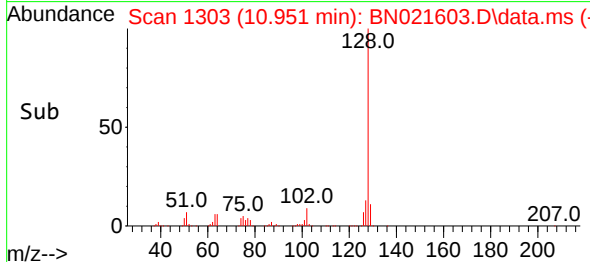
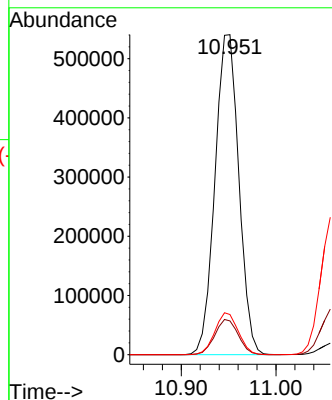
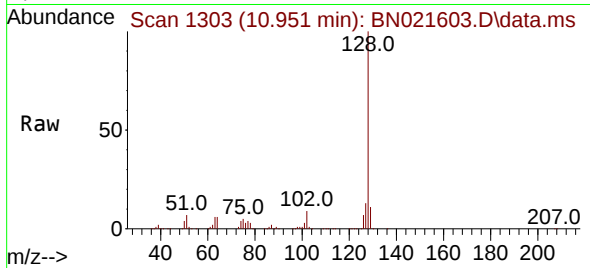




#30
Naphthalene
Concen: 19.031 ng/ul
RT: 10.951 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

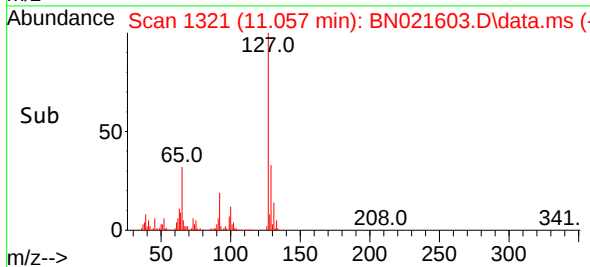
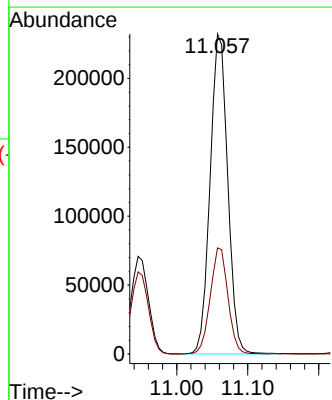
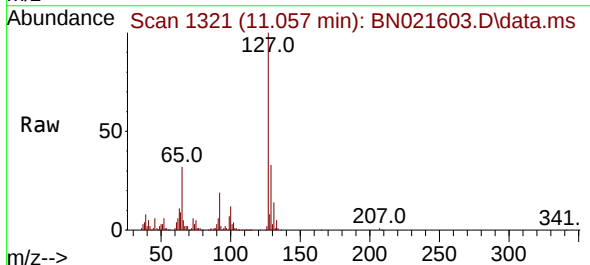
Instrument :
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ClientSampleId :
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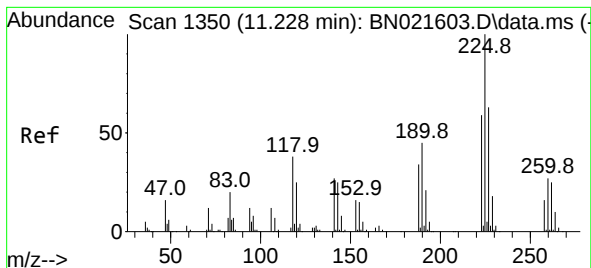
Tgt Ion:128 Resp: 948003
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.5 10.6 16.0



#32
4-Chloroaniline
Concen: 17.621 ng/ul
RT: 11.057 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:127 Resp: 399862
Ion Ratio Lower Upper
127 100
129 33.1 26.1 39.1





#33

Hexachlorobutadiene

Concen: 19.694 ng/ul

RT: 11.228 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

Instrument :

BNA_N

ClientSampleId :

SSTD020333

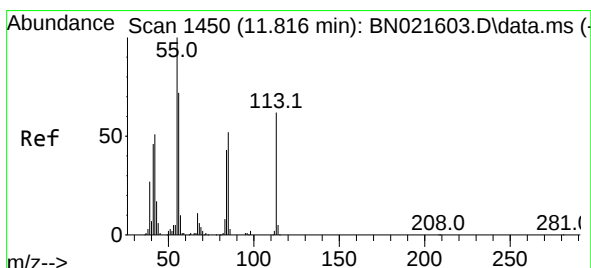
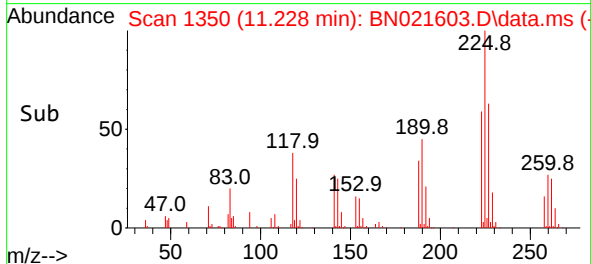
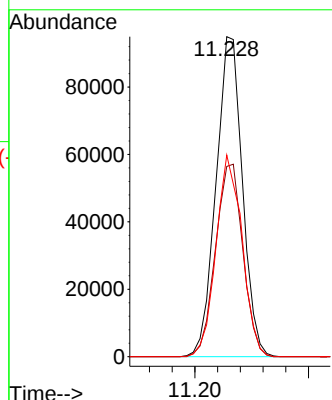
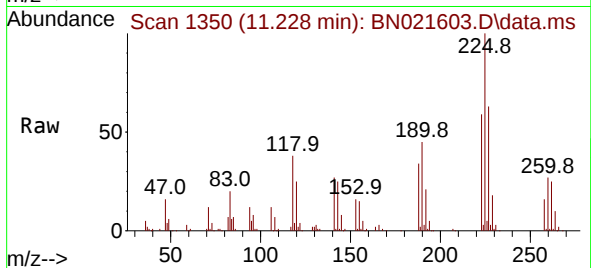
Tgt Ion:225 Resp: 153274

Ion Ratio Lower Upper

225 100

223 59.4 51.8 77.6

227 63.0 50.6 76.0



#34

Caprolactam

Concen: 13.248 ng/ul

RT: 11.816 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

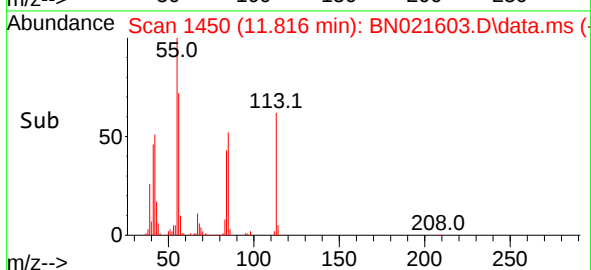
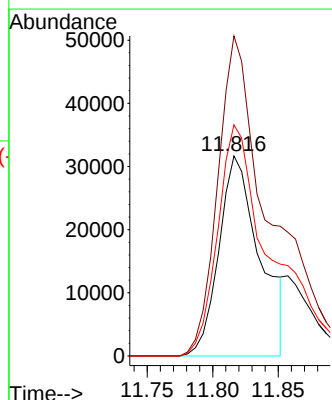
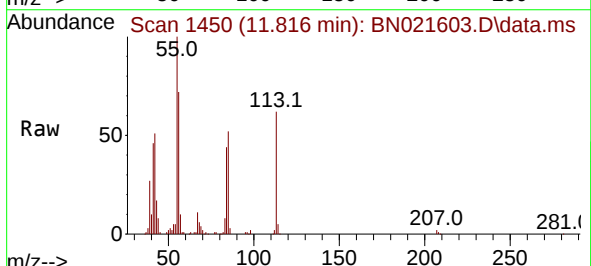
Tgt Ion:113 Resp: 68457

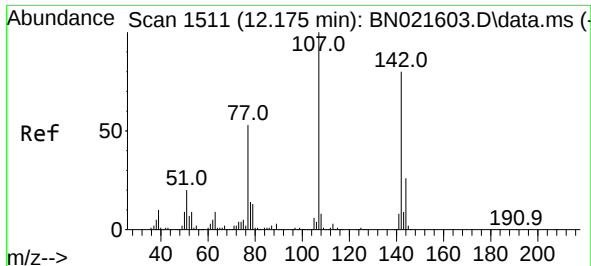
Ion Ratio Lower Upper

113 100

55 160.0 145.5 218.3

56 115.6 106.5 159.7

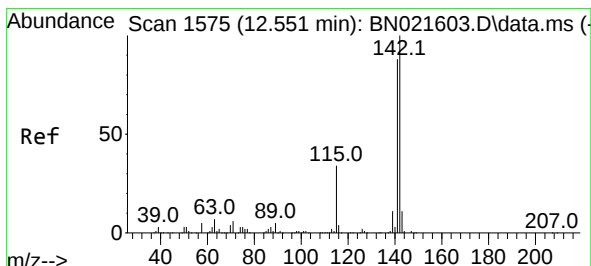
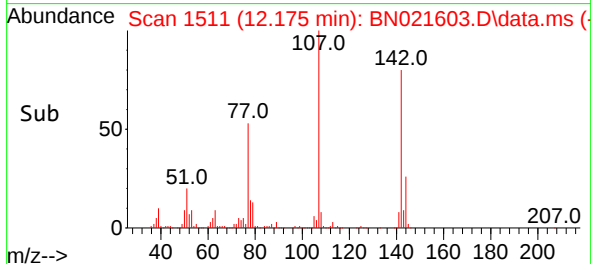
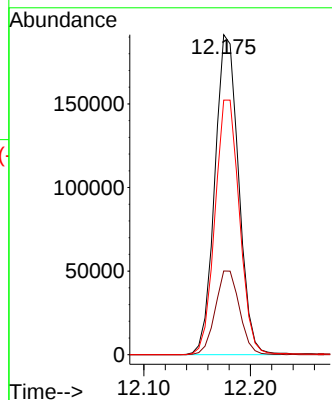
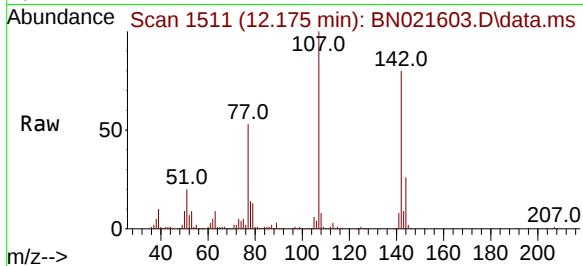




#35
4-Chloro-3-methylphenol
Concen: 19.530 ng/ul
RT: 12.175 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

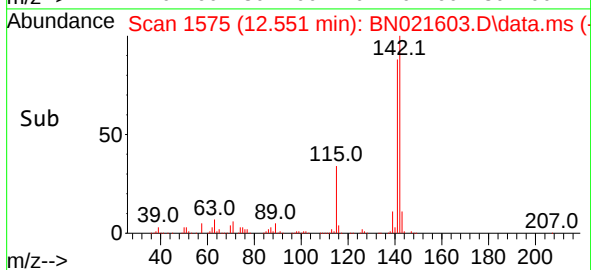
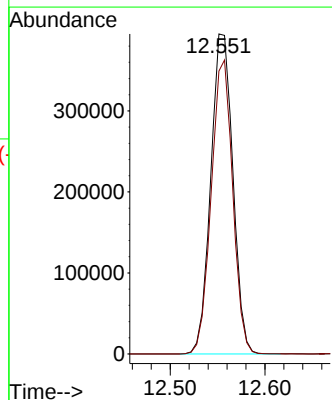
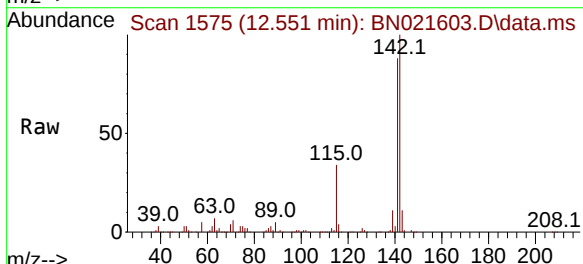
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BNA_N
ClientSampleId :
SSTD020333

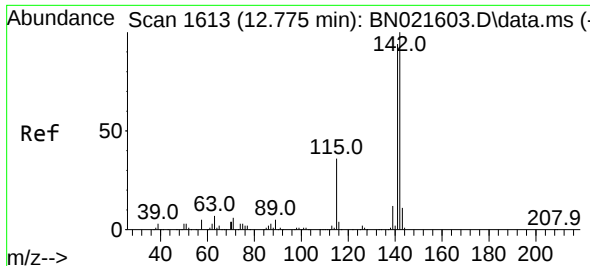
Tgt Ion:107 Resp: 297345
Ion Ratio Lower Upper
107 100
144 26.1 20.6 31.0
142 79.6 62.2 93.4



#36
2-Methylnaphthalene
Concen: 19.015 ng/ul
RT: 12.551 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:142 Resp: 640762
Ion Ratio Lower Upper
142 100
141 88.4 70.6 105.8

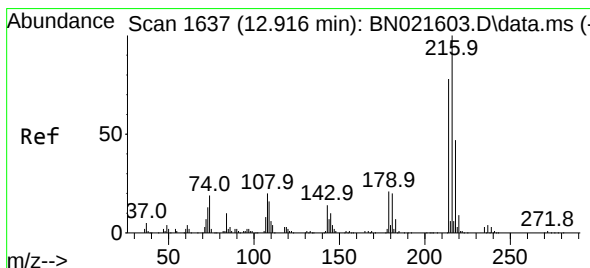
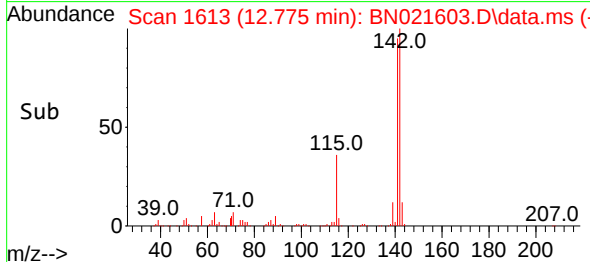
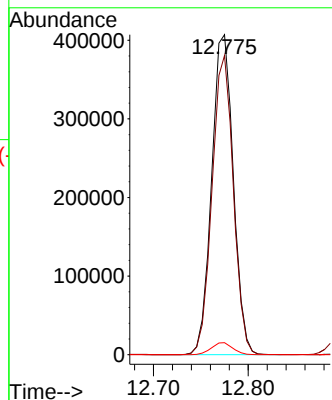
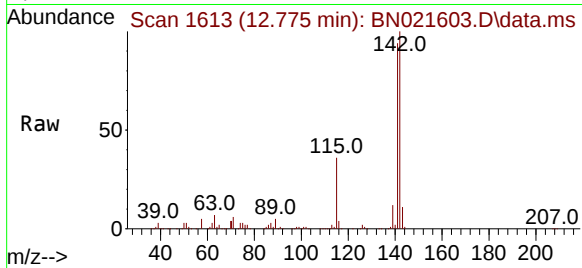




#37
1-Methylnaphthalene
Concen: 19.078 ng/ul
RT: 12.775 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

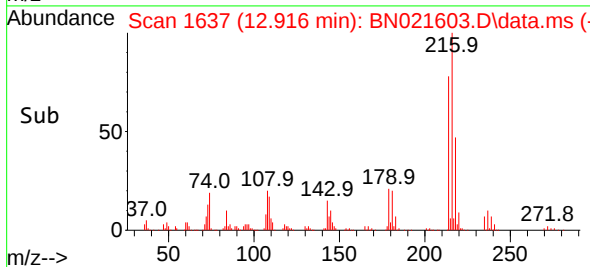
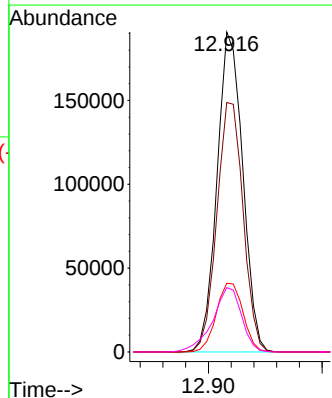
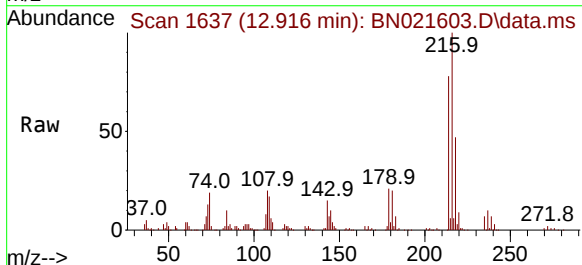
Instrument :
BNA_N
ClientSampleId :
SSTD020333

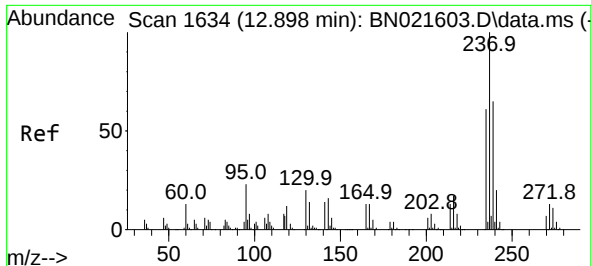
Tgt Ion:142 Resp: 646111
Ion Ratio Lower Upper
142 100
141 93.5 70.9 106.3
116 3.7 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.421 ng/ul
RT: 12.916 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:216 Resp: 300095
Ion Ratio Lower Upper
216 100
214 77.9 63.4 95.0
179 21.5 17.8 26.8
108 20.1 15.1 22.7

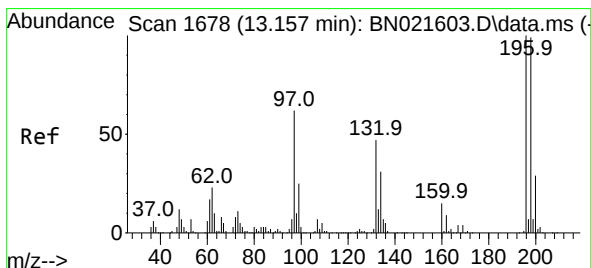
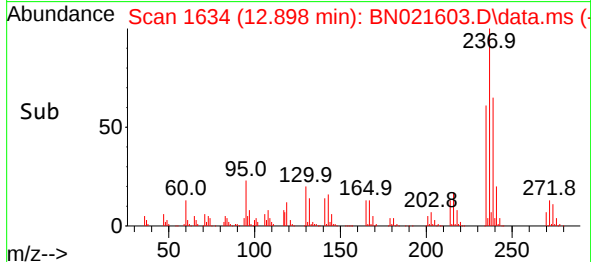
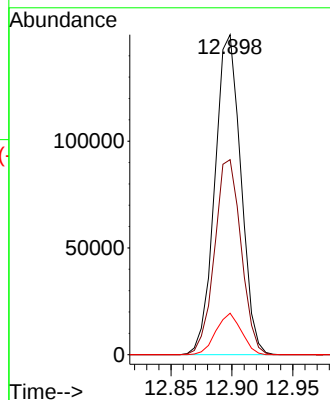
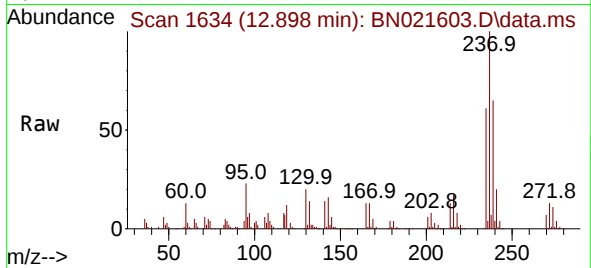




#40
Hexachlorocyclopentadiene
Concen: 25.472 ng/ul
RT: 12.898 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

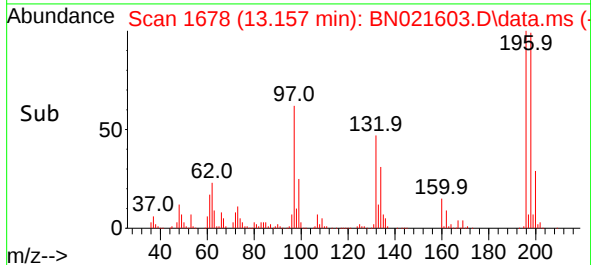
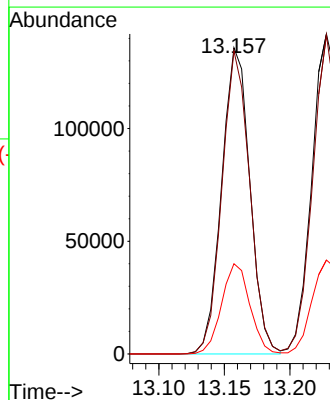
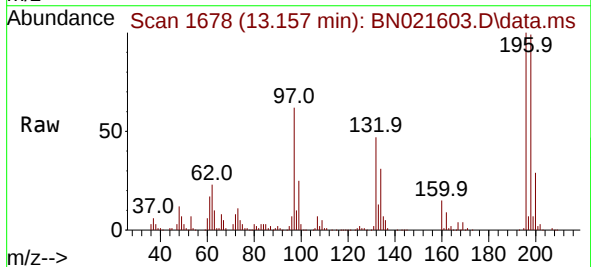
Instrument :
BNA_N
ClientSampleId :
SSTD020333

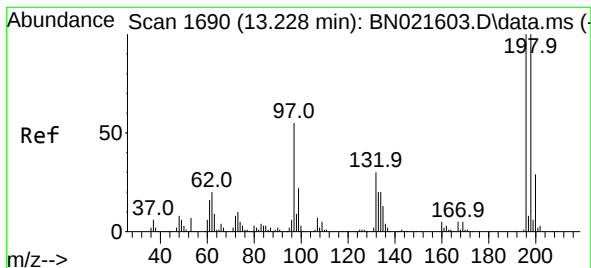
Tgt Ion:237 Resp: 222859
Ion Ratio Lower Upper
237 100
235 61.0 48.8 73.2
272 13.0 9.3 13.9



#41
2,4,6-Trichlorophenol
Concen: 22.332 ng/ul
RT: 13.157 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:196 Resp: 203630
Ion Ratio Lower Upper
196 100
198 99.0 79.8 119.8
200 29.5 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 22.124 ng/ul

RT: 13.228 min Scan# 1690

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

Instrument :

BNA_N

ClientSampleId :

SSTD020333

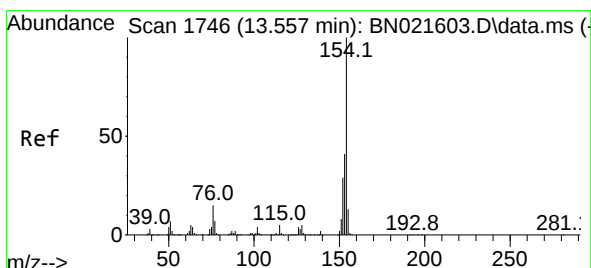
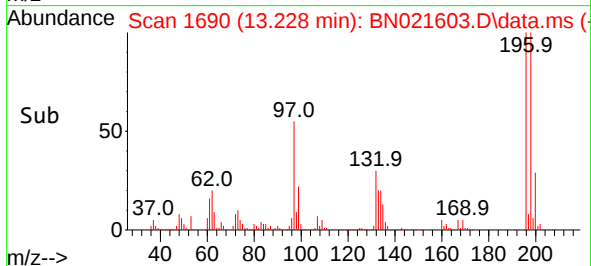
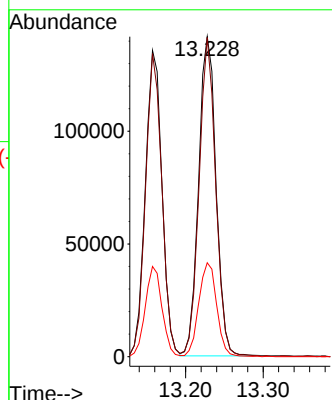
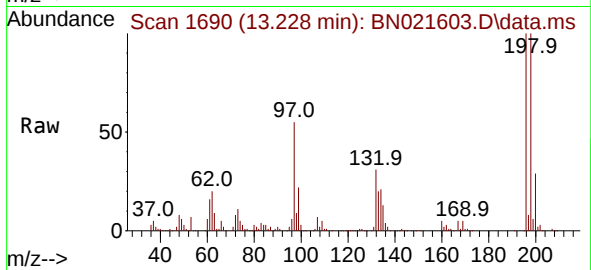
Tgt Ion:196 Resp: 221342

Ion Ratio Lower Upper

196 100

198 99.7 77.6 116.4

200 29.3 24.4 36.6



#43

1,1'-Biphenyl

Concen: 19.835 ng/ul

RT: 13.557 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

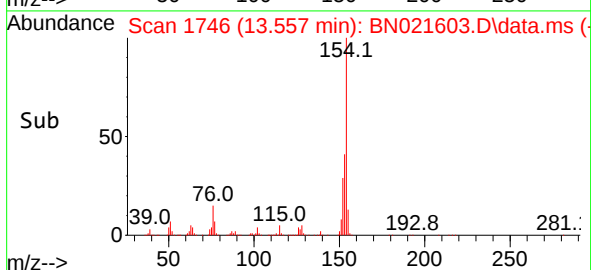
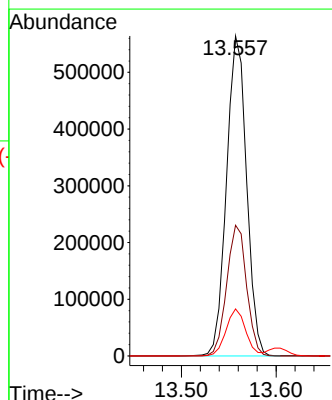
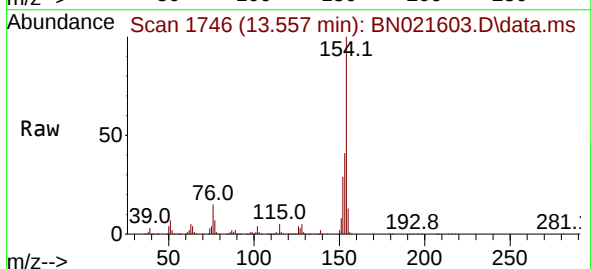
Tgt Ion:154 Resp: 830722

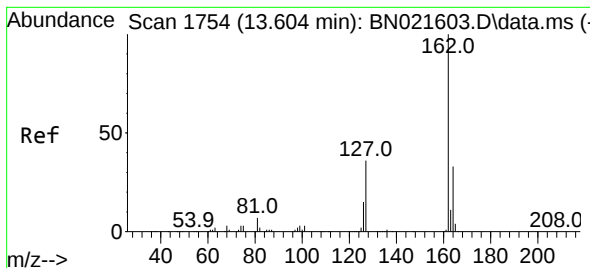
Ion Ratio Lower Upper

154 100

153 40.9 31.5 47.3

76 14.7 10.5 15.7





#44

2-Chloronaphthalene

Concen: 19.981 ng/ul

RT: 13.604 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

Instrument :

BNA_N

ClientSampleId :

SSTD020333

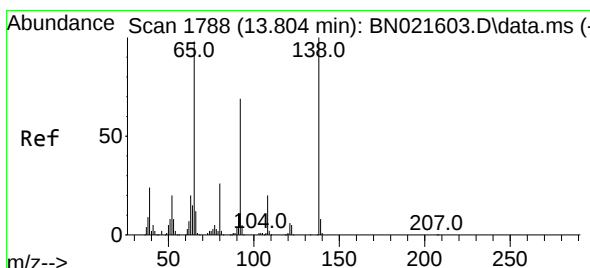
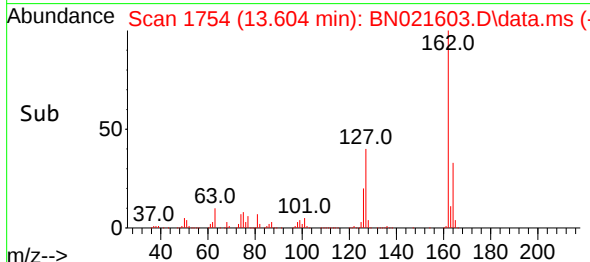
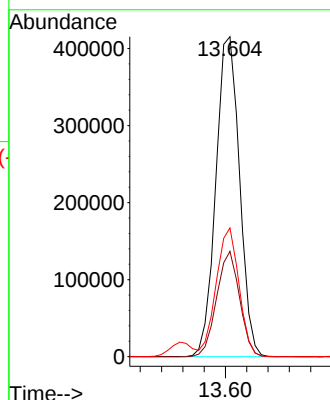
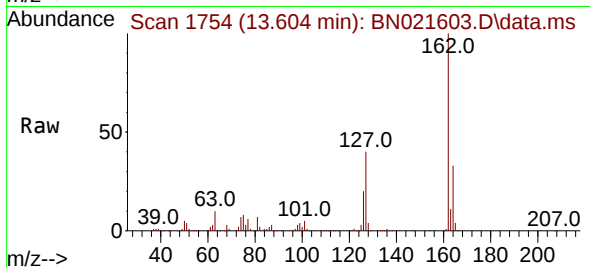
Tgt Ion:162 Resp: 640653

Ion Ratio Lower Upper

162 100

164 32.9 25.8 38.6

127 40.3 31.4 47.2



#45

2-Nitroaniline

Concen: 22.947 ng/ul

RT: 13.804 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

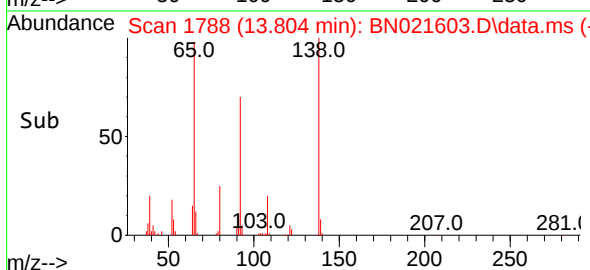
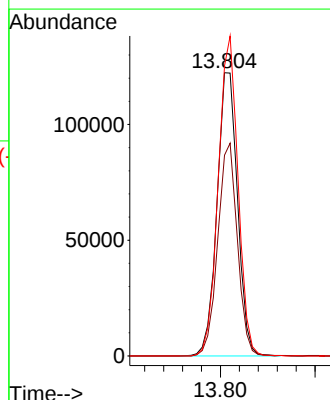
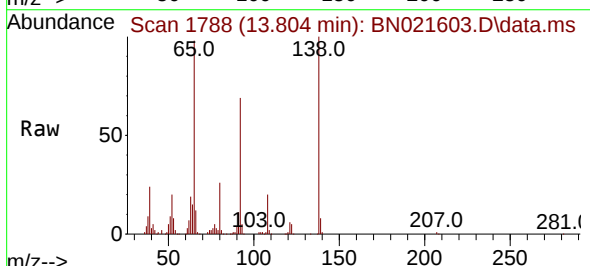
Tgt Ion: 65 Resp: 184537

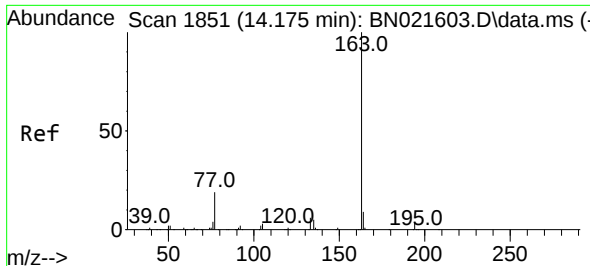
Ion Ratio Lower Upper

65 100

92 70.9 54.1 81.1

138 102.3 77.0 115.4

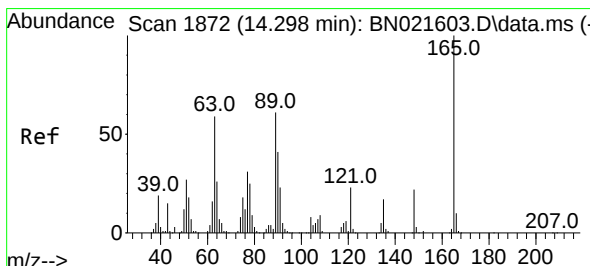
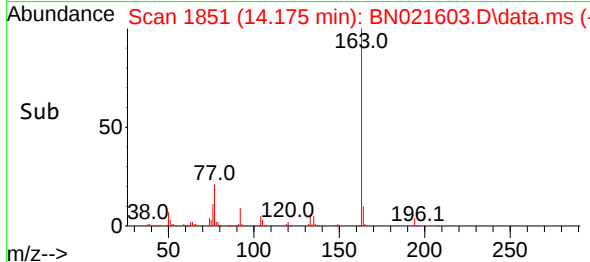
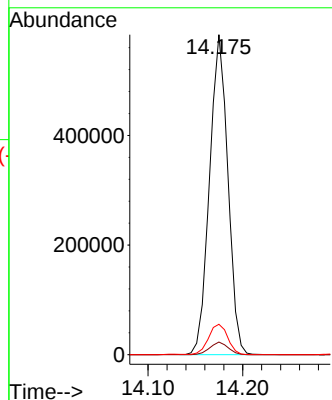
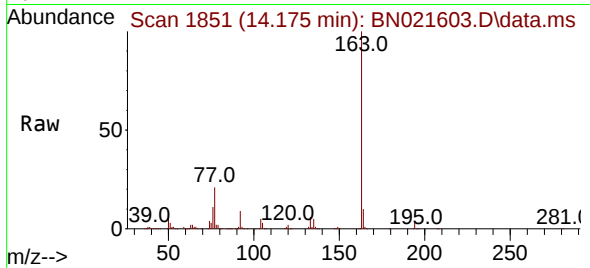




#47
Dimethylphthalate
Concen: 19.571 ng/ul
RT: 14.175 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

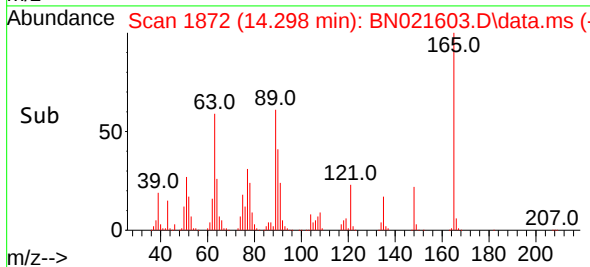
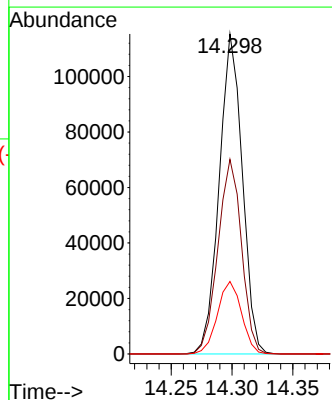
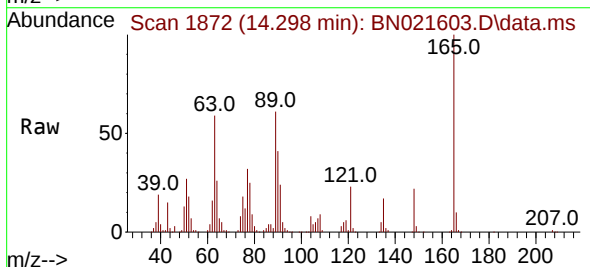
Instrument :
BNA_N
ClientSampleId :
SSTD020333

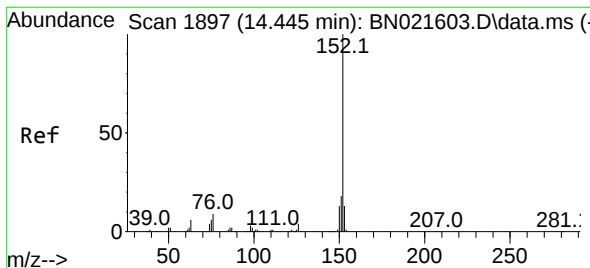
Tgt Ion:163 Resp: 784148
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.5 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 22.164 ng/ul
RT: 14.298 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:165 Resp: 152350
Ion Ratio Lower Upper
165 100
89 60.8 50.6 75.8
121 22.7 17.9 26.9





#50

Acenaphthylene

Concen: 19.641 ng/ul

RT: 14.445 min Scan# 1897

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

Instrument :

BNA_N

ClientSampleId :

SSTD020333

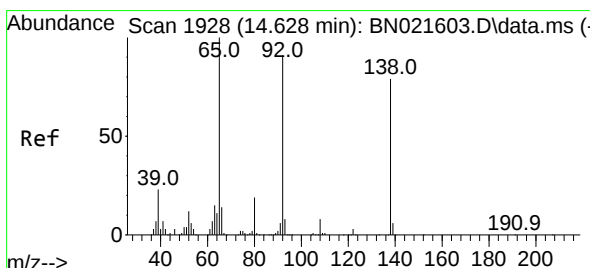
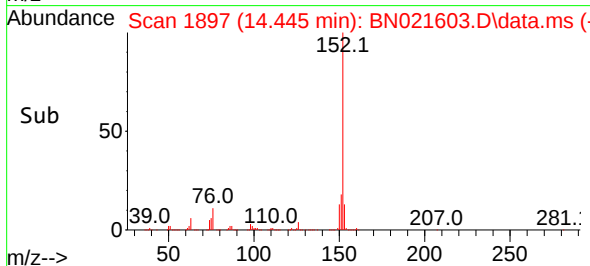
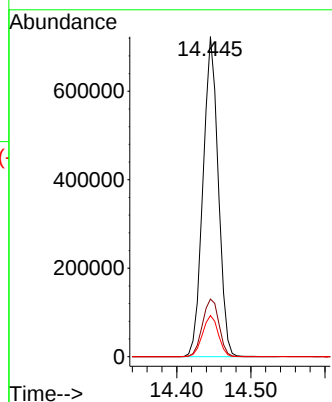
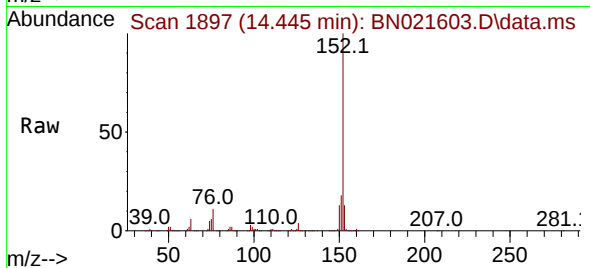
Tgt Ion:152 Resp: 1035415

Ion Ratio Lower Upper

152 100

151 18.0 16.0 24.0

153 12.8 10.7 16.1



#51

3-Nitroaniline

Concen: 21.795 ng/ul

RT: 14.628 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

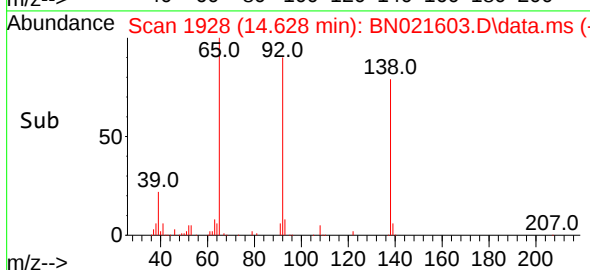
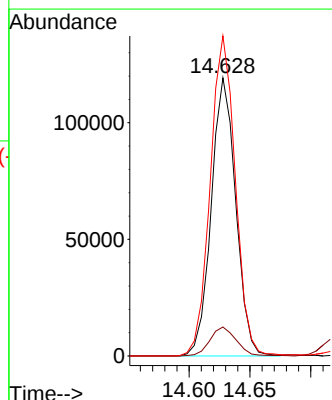
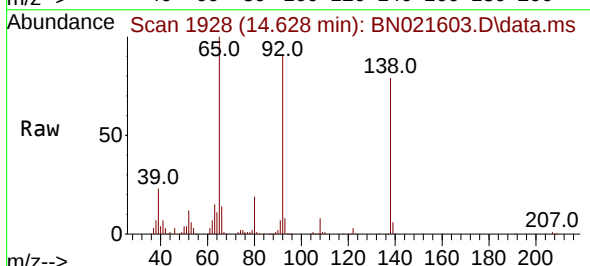
Tgt Ion:138 Resp: 166899

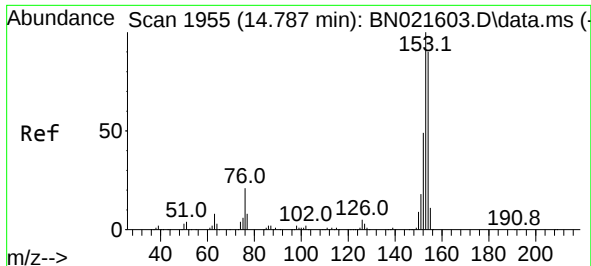
Ion Ratio Lower Upper

138 100

108 10.4 8.6 12.8

92 115.1 92.9 139.3

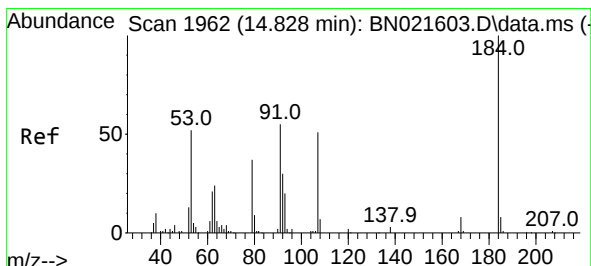
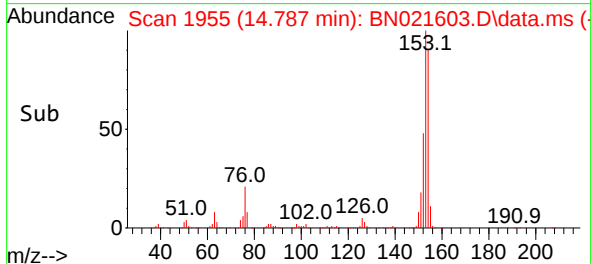
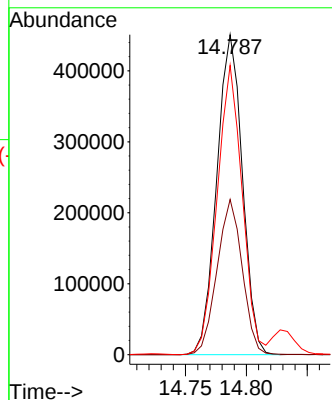
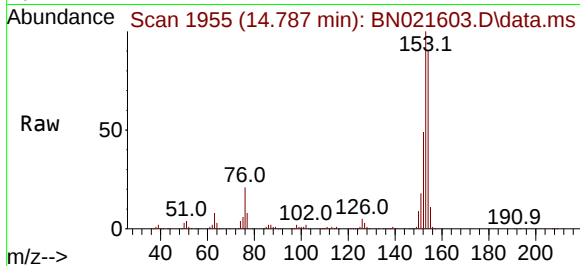




#52
Acenaphthene
Concen: 19.433 ng/u1
RT: 14.787 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

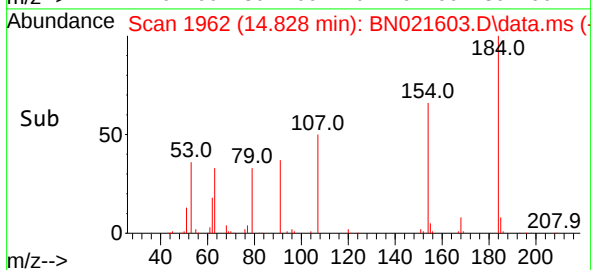
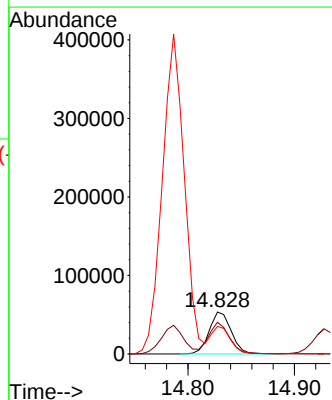
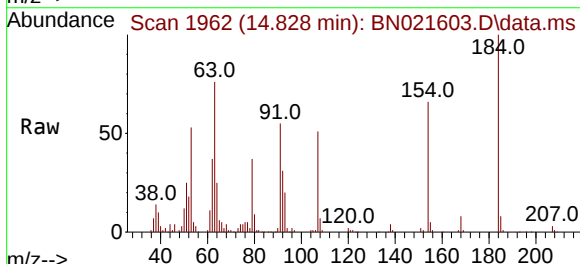
Instrument :
BNA_N
ClientSampleId :
SSTD020333

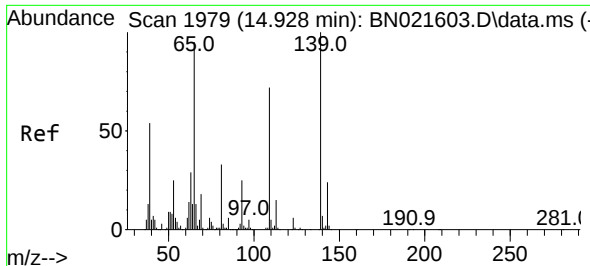
Tgt Ion:153 Resp: 661943
Ion Ratio Lower Upper
153 100
152 48.5 38.4 57.6
154 90.4 69.7 104.5



#53
2,4-Dinitrophenol
Concen: 22.790 ng/u1
RT: 14.828 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:184 Resp: 76692
Ion Ratio Lower Upper
184 100
63 75.6 55.9 83.9
154 65.6 53.1 79.7

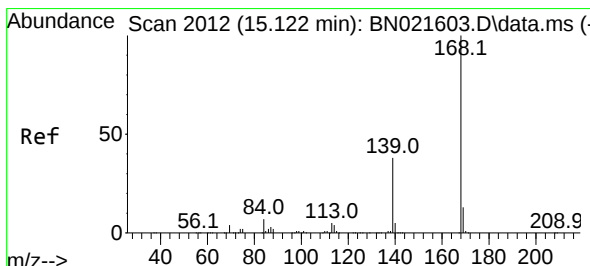
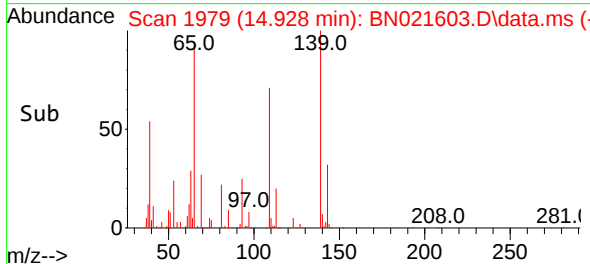
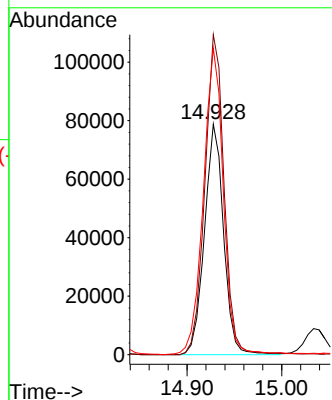
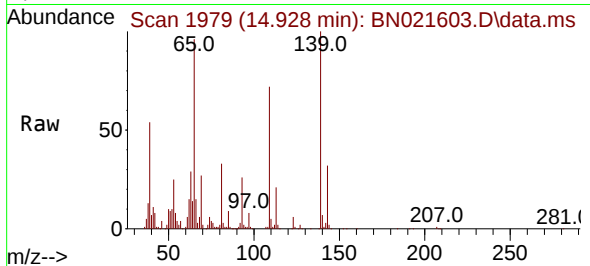




#55
4-Nitrophenol
Concen: 17.695 ng/ul
RT: 14.928 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

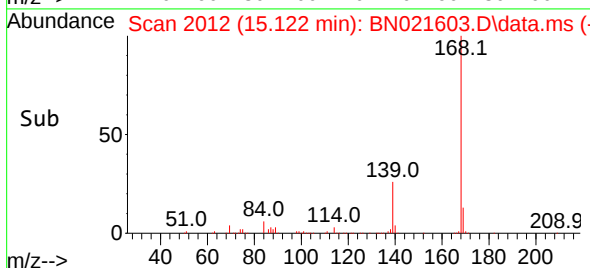
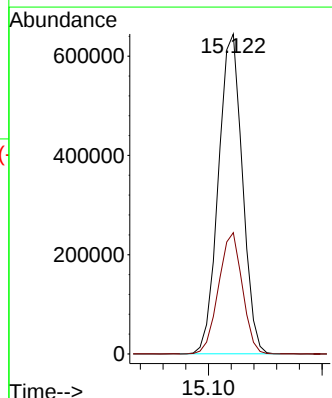
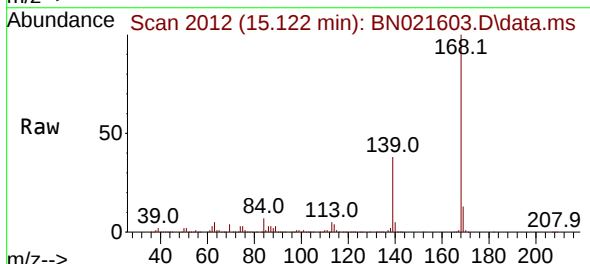
Instrument :
BNA_N
ClientSampleId :
SSTD020333

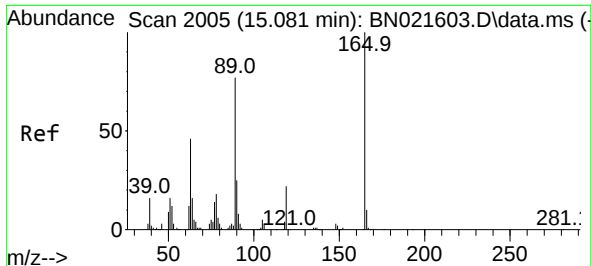
Tgt Ion:109 Resp: 110564
Ion Ratio Lower Upper
109 100
139 138.8 100.1 150.1
65 133.0 104.6 157.0



#56
Dibenzofuran
Concen: 19.307 ng/ul
RT: 15.122 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:168 Resp: 944907
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7

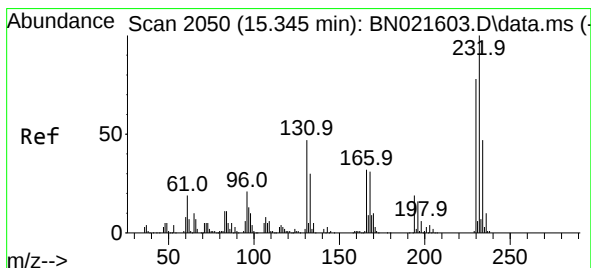
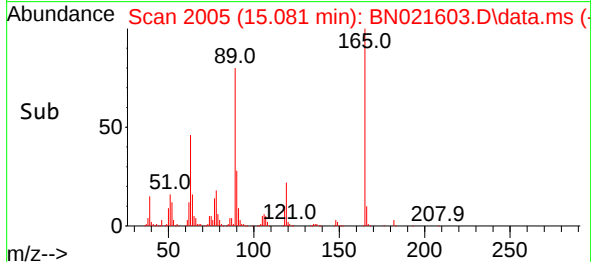
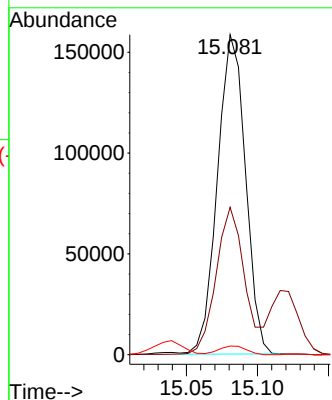
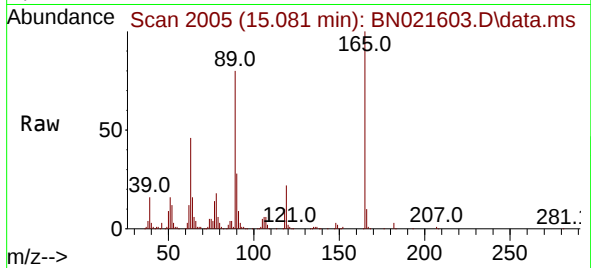




#57
2,4-Dinitrotoluene
Concen: 21.739 ng/ul
RT: 15.081 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

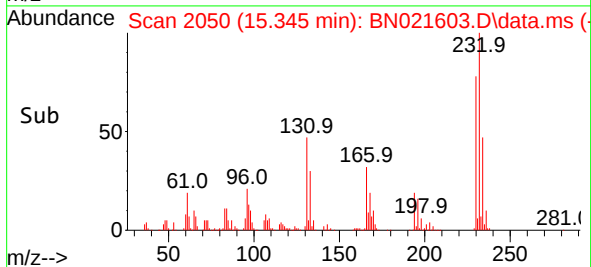
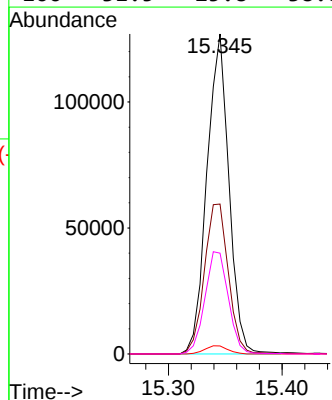
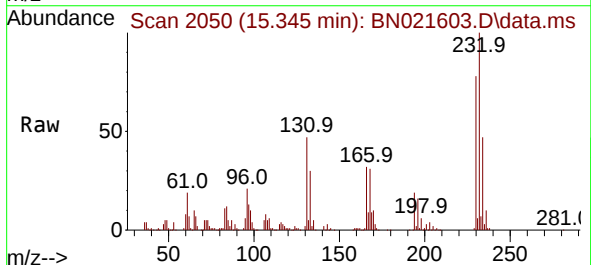
Instrument :
BNA_N
ClientSampleId :
SSTD020333

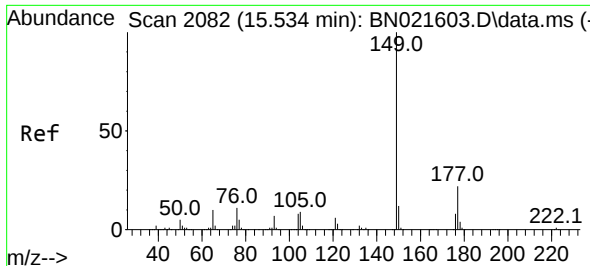
Tgt Ion:165 Resp: 217023
Ion Ratio Lower Upper
165 100
63 46.1 36.3 54.5
182 2.7 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.287 ng/ul
RT: 15.345 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:232 Resp: 171143
Ion Ratio Lower Upper
232 100
131 46.9 38.5 57.7
130 2.5 2.2 3.2
166 31.5 25.8 38.8

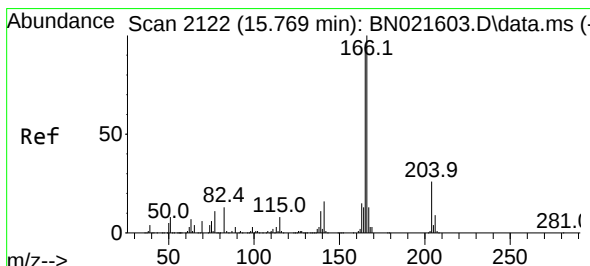
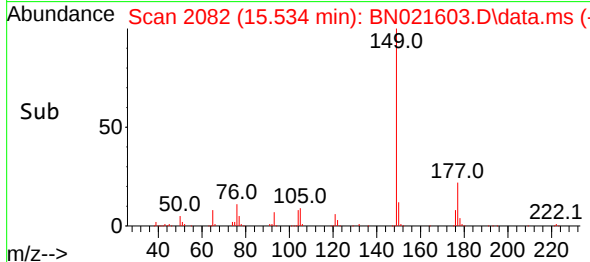
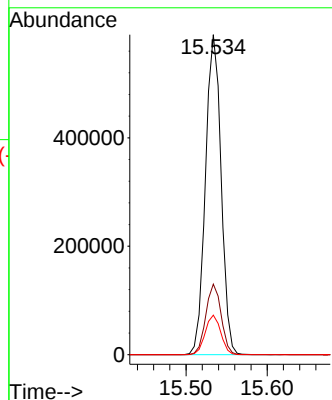
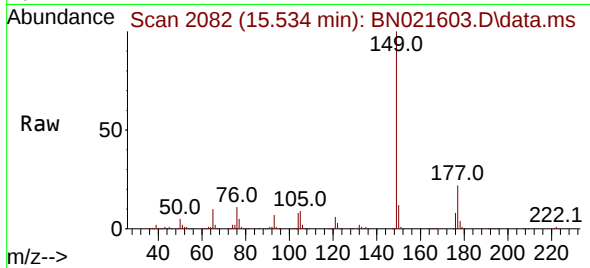




#59
Diethylphthalate
Concen: 19.500 ng/ul
RT: 15.534 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

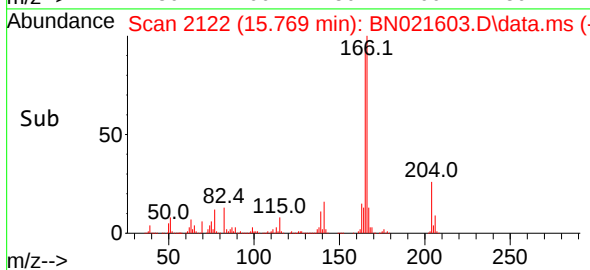
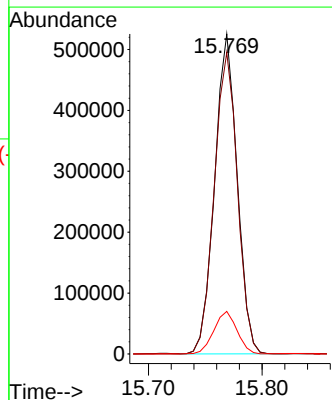
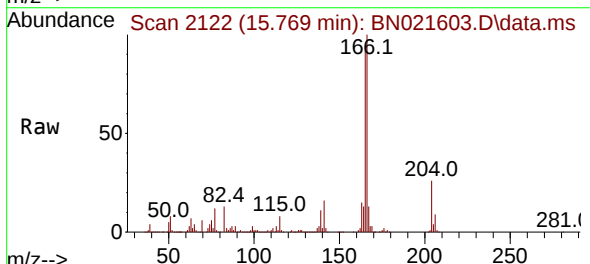
Instrument :
BNA_N
ClientSampleId :
SSTD020333

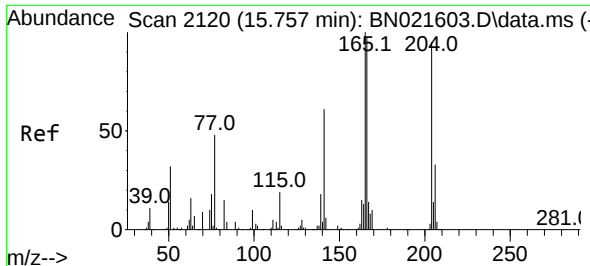
Tgt Ion:149 Resp: 787908
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 12.4 10.5 15.7



#61
Fluorene
Concen: 18.748 ng/ul
RT: 15.769 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:166 Resp: 723636
Ion Ratio Lower Upper
166 100
165 94.2 77.7 116.5
167 13.3 11.1 16.7

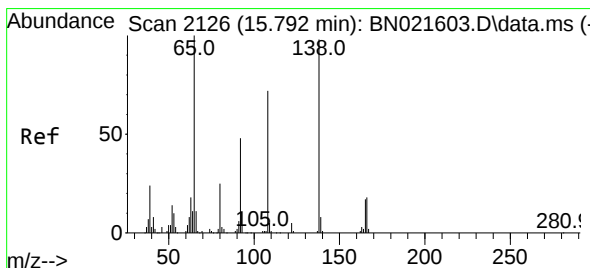
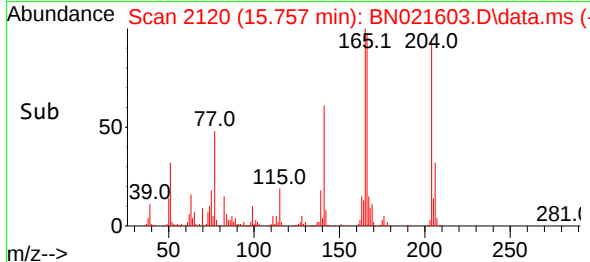
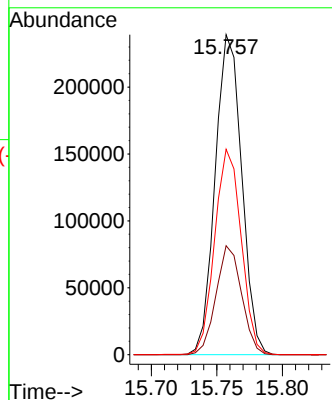
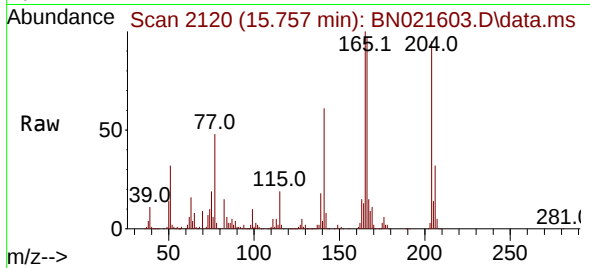




#62
4-Chlorophenyl-phenylether
Concen: 18.932 ng/ul
RT: 15.757 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

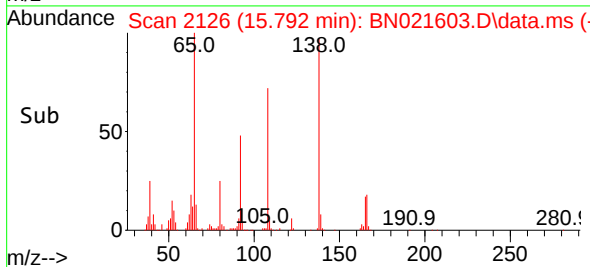
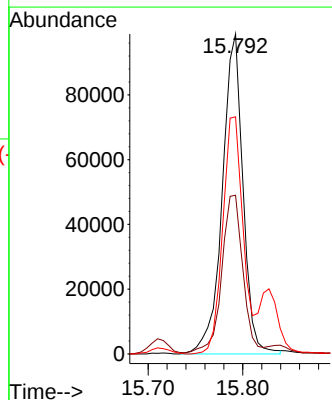
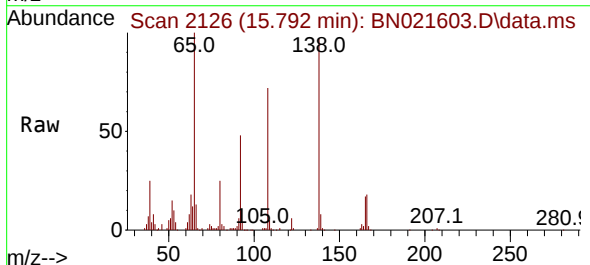
Instrument :
BNA_N
ClientSampleId :
SSTD020333

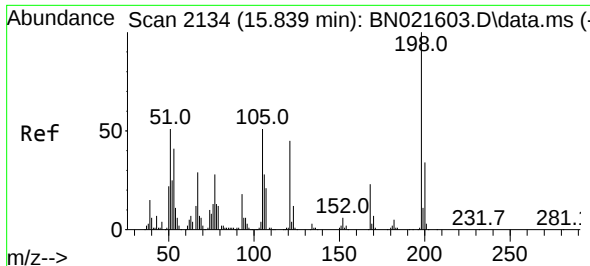
Tgt Ion:204 Resp: 336861
Ion Ratio Lower Upper
204 100
206 34.1 26.7 40.1
141 64.2 50.2 75.2



#63
4-Nitroaniline
Concen: 19.561 ng/ul
RT: 15.792 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:138 Resp: 150325
Ion Ratio Lower Upper
138 100
92 49.6 41.0 61.6
108 74.1 65.3 97.9

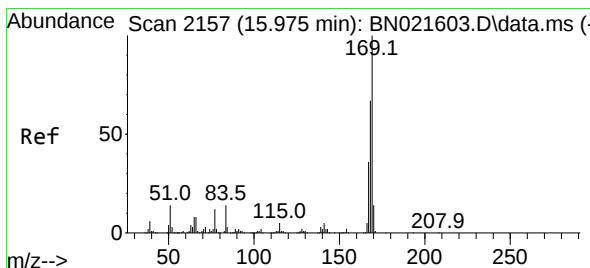
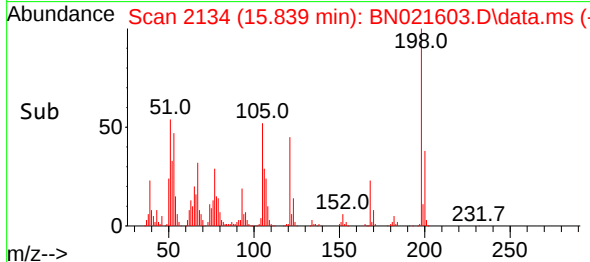
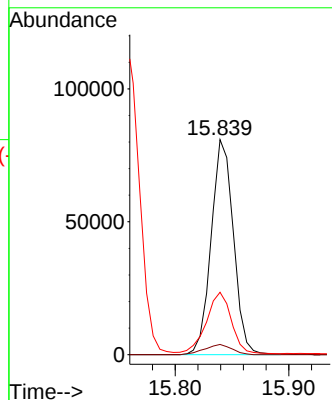
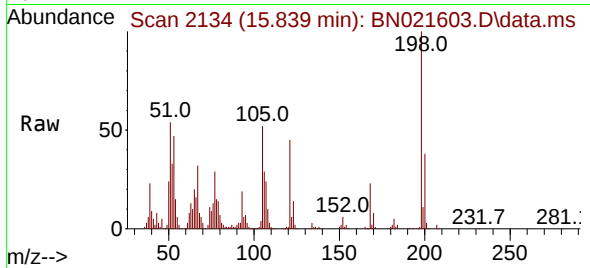




#66
 4,6-Dinitro-2-methylphenol
 Concen: 22.645 ng/ul
 RT: 15.839 min Scan# 2134
 Delta R.T. 0.000 min
 Lab File: BN021603.D
 Acq: 06 Sep 2022 16:29

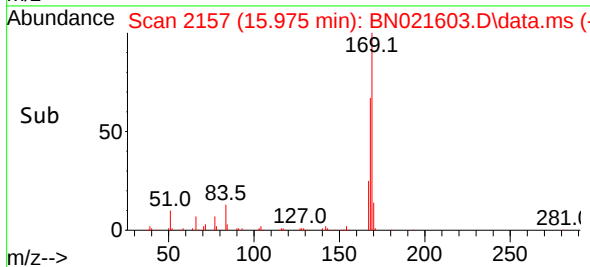
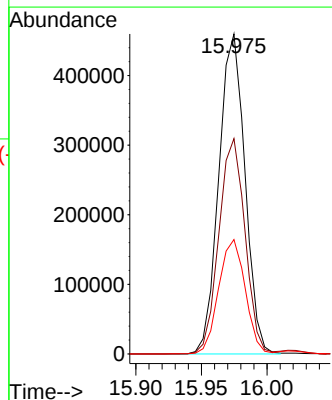
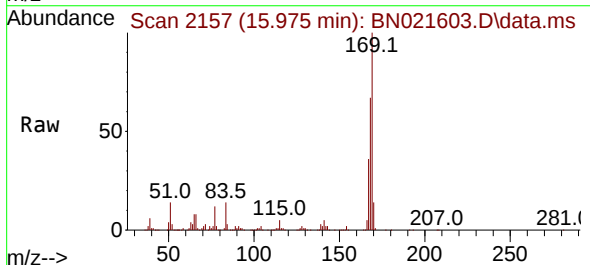
Instrument :
 BNA_N
 ClientSampleId :
 SSTD020333

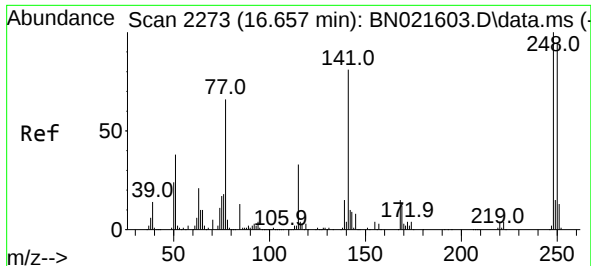
Tgt Ion:198 Resp: 110317
 Ion Ratio Lower Upper
 198 100
 182 4.8 3.0 4.4#
 77 29.0 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 19.761 ng/ul
 RT: 15.975 min Scan# 2157
 Delta R.T. 0.000 min
 Lab File: BN021603.D
 Acq: 06 Sep 2022 16:29

Tgt Ion:169 Resp: 636740
 Ion Ratio Lower Upper
 169 100
 168 67.3 52.4 78.6
 167 35.8 27.5 41.3

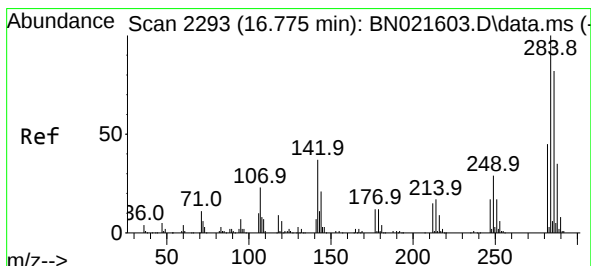
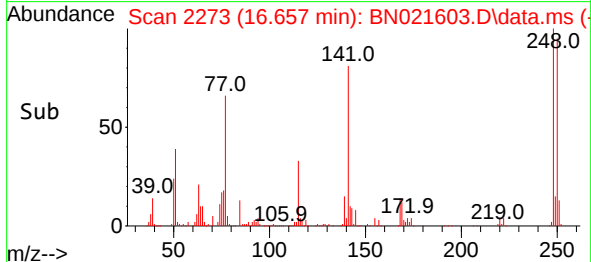
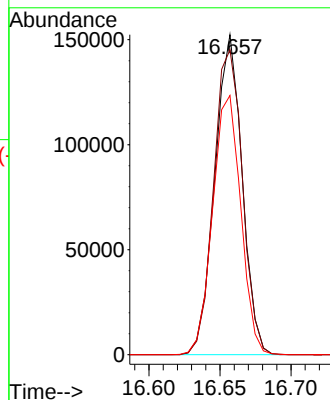
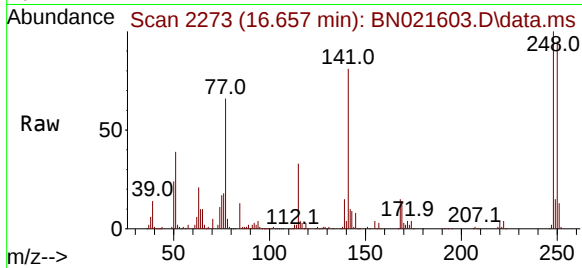




#68
4-Bromophenyl-phenylether
Concen: 19.944 ng/ul
RT: 16.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

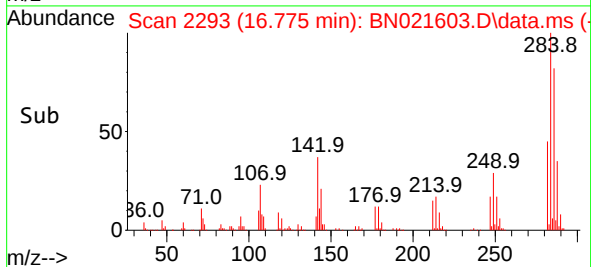
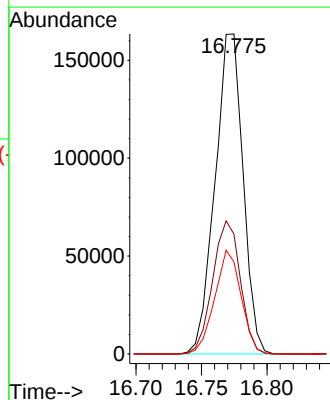
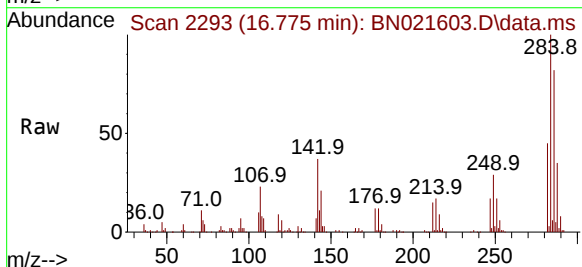
Instrument :
BNA_N
ClientSampleId :
SSTD020333

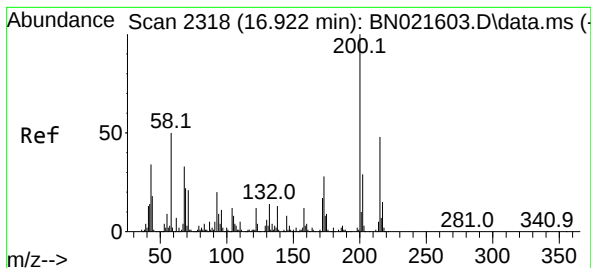
Tgt Ion:248 Resp: 203921
Ion Ratio Lower Upper
248 100
250 95.3 77.8 116.8
141 81.0 62.6 93.8



#69
Hexachlorobenzene
Concen: 19.940 ng/ul
RT: 16.775 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:284 Resp: 242694
Ion Ratio Lower Upper
284 100
142 37.4 27.8 41.8
249 28.8 25.7 38.5





#70

Atrazine

Concen: 19.538 ng/ul

RT: 16.922 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

Instrument :

BNA_N

ClientSampleId :

SSTD020333

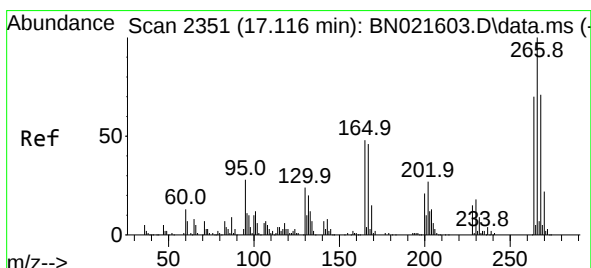
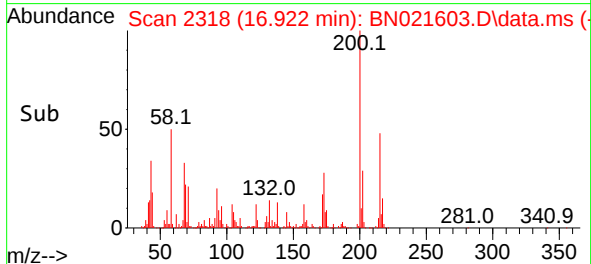
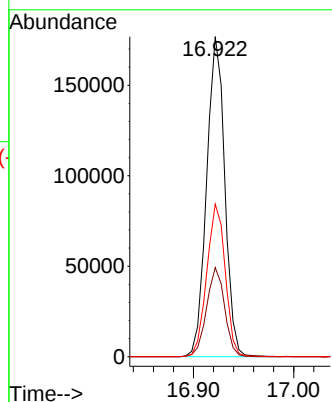
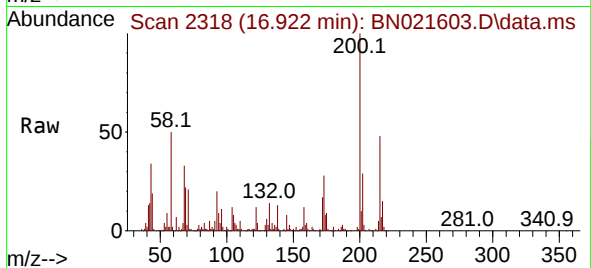
Tgt Ion:200 Resp: 222774

Ion Ratio Lower Upper

200 100

173 27.9 20.5 30.7

215 47.7 38.9 58.3



#71

Pentachlorophenol

Concen: 20.986 ng/ul

RT: 17.116 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

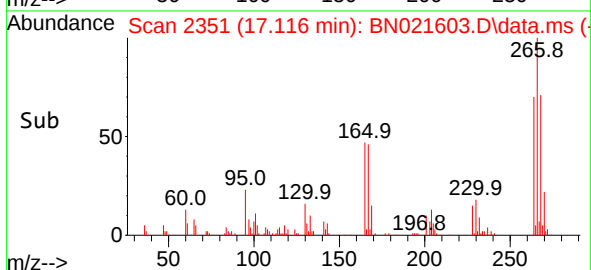
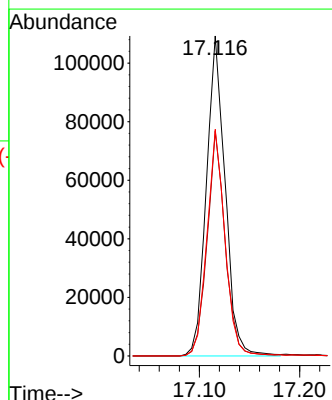
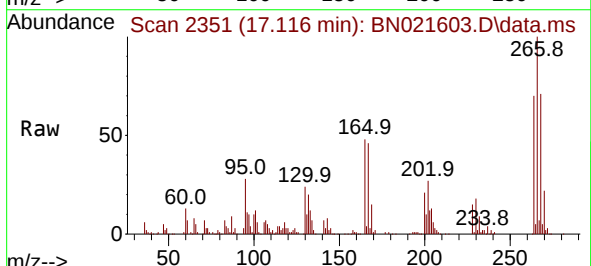
Tgt Ion:266 Resp: 142203

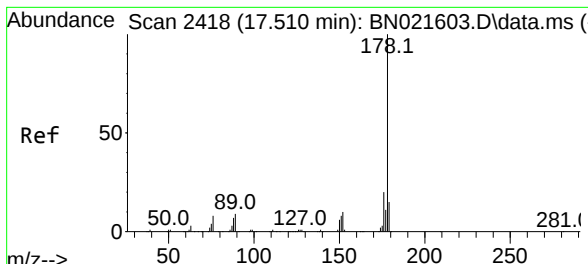
Ion Ratio Lower Upper

266 100

264 70.3 50.2 75.2

268 70.8 49.3 73.9



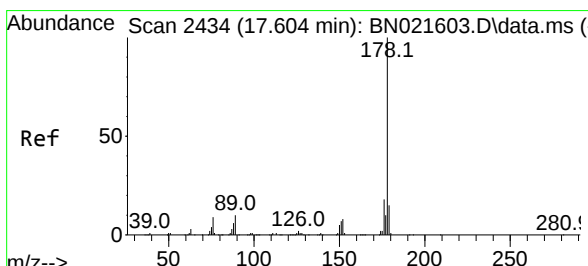
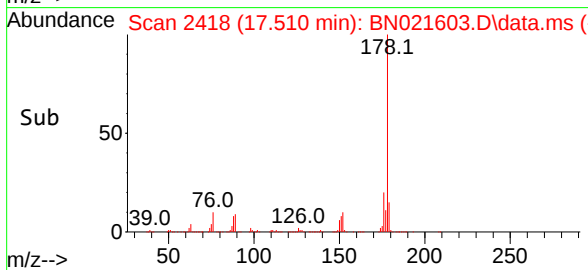
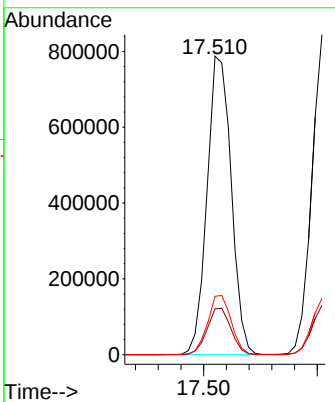
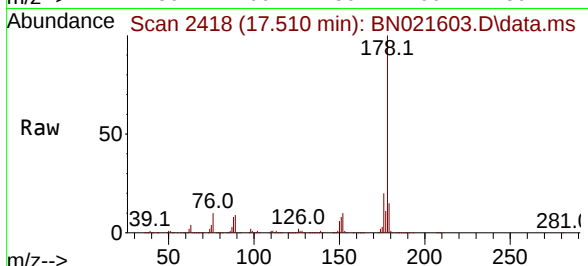


#72
 Phenanthrene
 Concen: 19.155 ng/u1
 RT: 17.510 min Scan# 2418
 Delta R.T. 0.000 min
 Lab File: BN021603.D
 Acq: 06 Sep 2022 16:29

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020333

Tgt Ion:178 Resp: 1163189

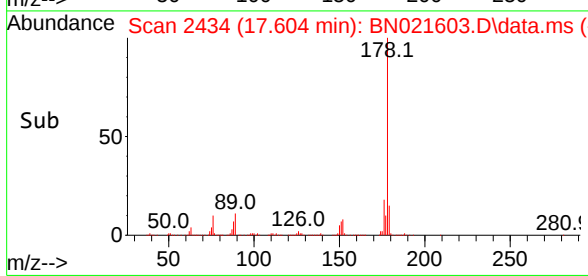
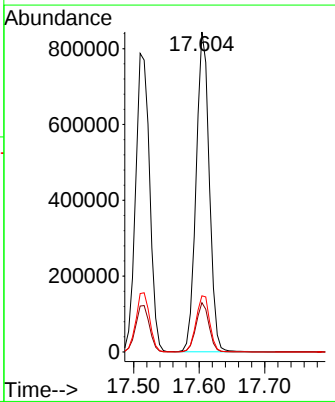
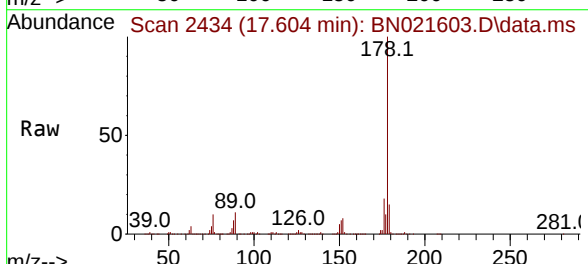
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.6	15.2	22.8

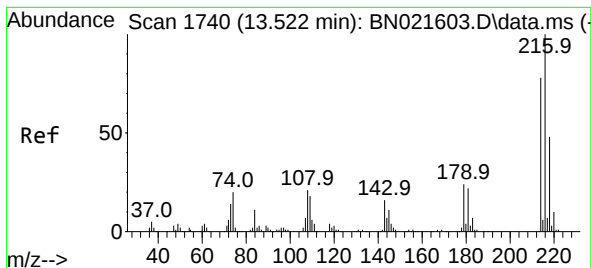


#74
 Anthracene
 Concen: 19.498 ng/u1
 RT: 17.604 min Scan# 2434
 Delta R.T. 0.000 min
 Lab File: BN021603.D
 Acq: 06 Sep 2022 16:29

Tgt Ion:178 Resp: 1178994

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.4
176	17.6	15.5	23.3

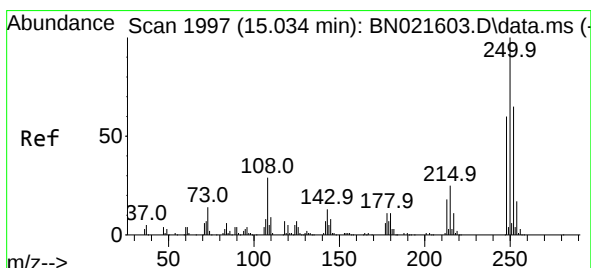
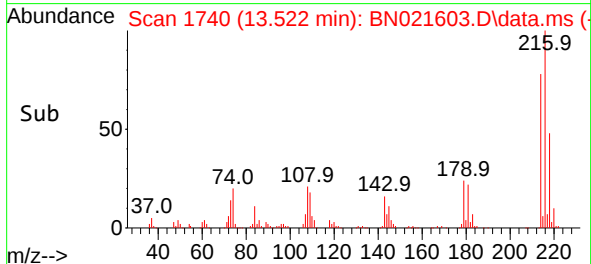
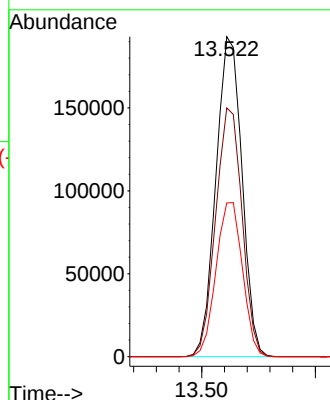
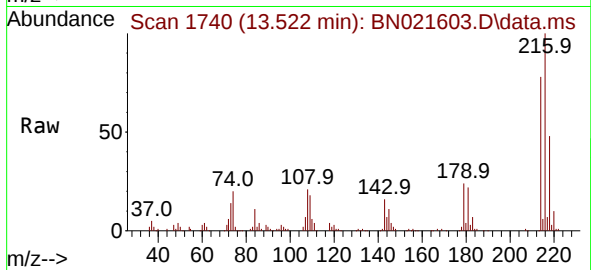




#75
1,2,3,4-Tetrachlorobenzene
Concen: 21.045 ng/uL
RT: 13.522 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

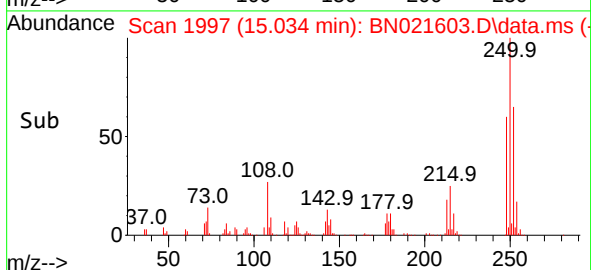
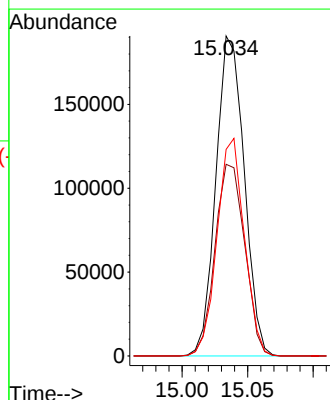
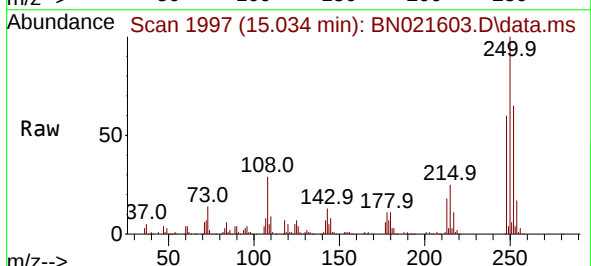
Instrument :
BNA_N
ClientSampleId :
SSTD020333

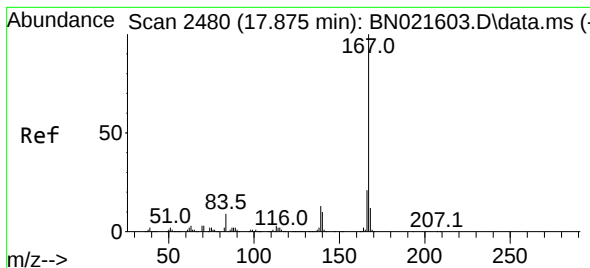
Tgt Ion:216 Resp: 307938
Ion Ratio Lower Upper
216 100
214 77.7 63.2 94.8
218 48.1 37.9 56.9



#76
Pentachlorobenzene
Concen: 20.554 ng/uL
RT: 15.034 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:250 Resp: 286495
Ion Ratio Lower Upper
250 100
248 59.9 53.0 79.4
252 64.6 53.4 80.2





#77

Carbazole

Concen: 19.221 ng/ul

RT: 17.875 min Scan# 2480

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

Instrument :

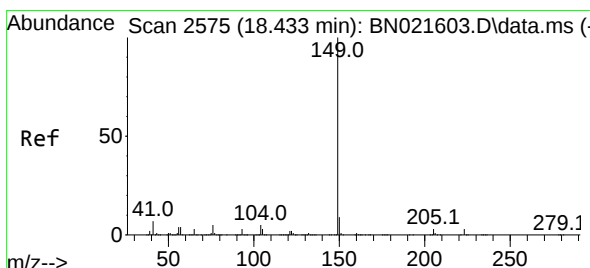
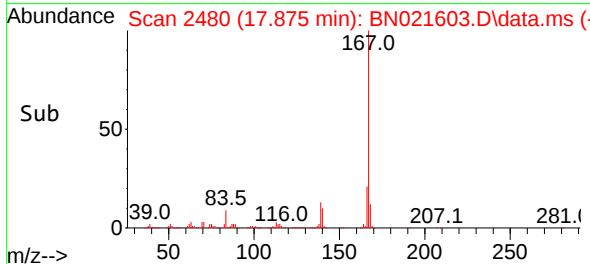
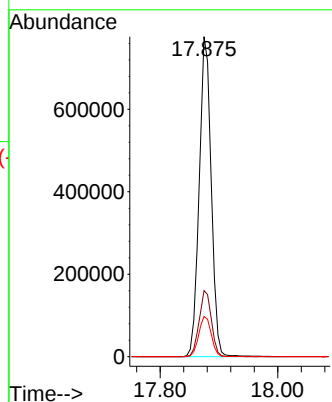
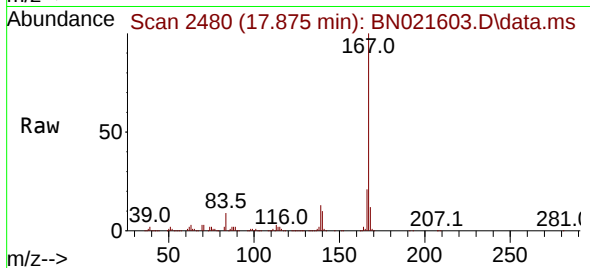
BNA_N

ClientSampleId :

SSTD020333

Tgt Ion:167 Resp: 1098315

Ion	Ratio	Lower	Upper
167	100		
166	20.7	16.1	24.1
139	12.6	10.2	15.2



#78

Di-n-butylphthalate

Concen: 20.731 ng/ul

RT: 18.433 min Scan# 2575

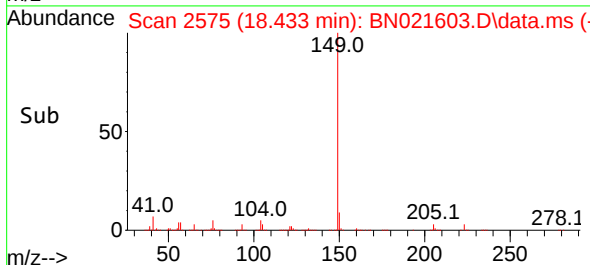
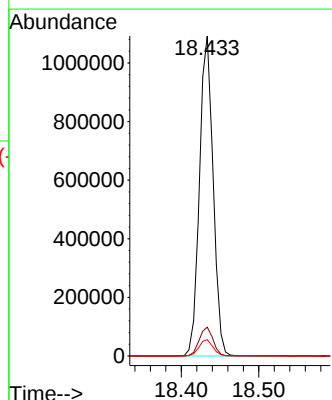
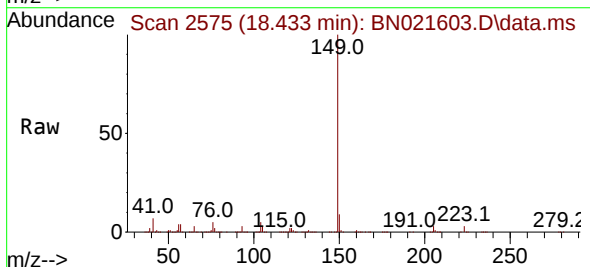
Delta R.T. 0.000 min

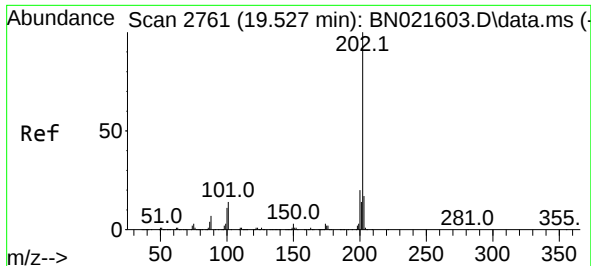
Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

Tgt Ion:149 Resp: 1335564

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.1	10.7
104	5.1	4.1	6.1

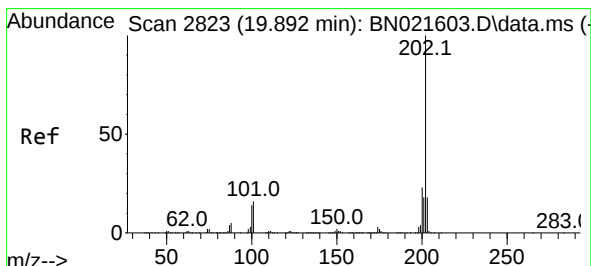
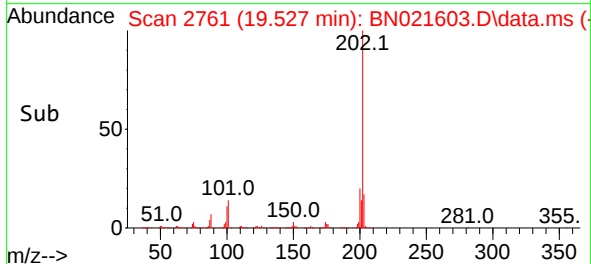
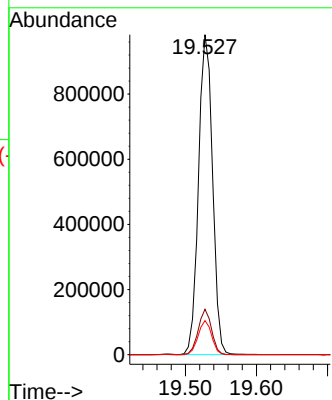
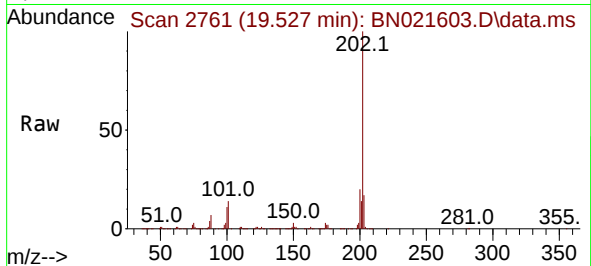




#80
Fluoranthene
Concen: 23.257 ng/ul
RT: 19.527 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

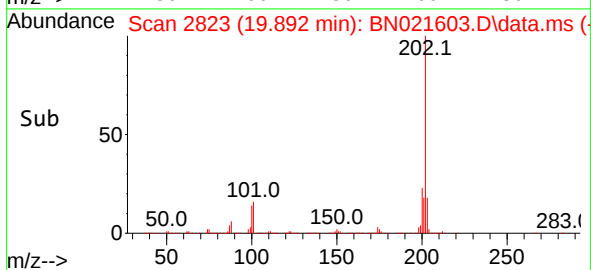
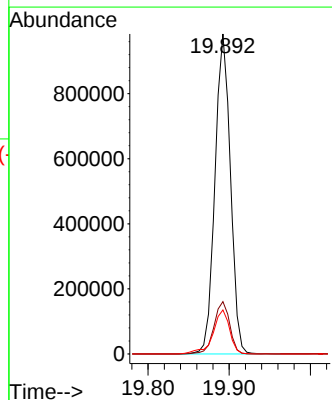
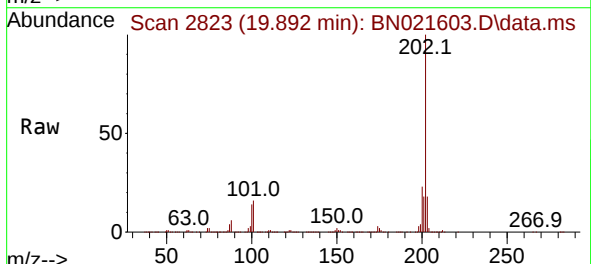
Instrument :
BNA_N
ClientSampleId :
SSTD020333

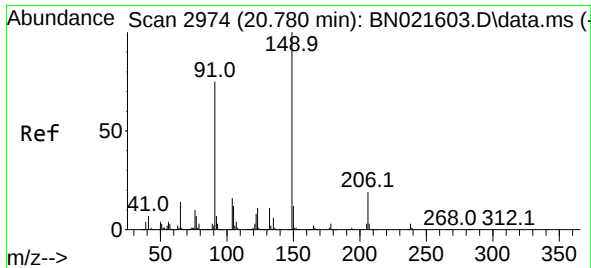
Tgt Ion:202 Resp: 1350745
Ion Ratio Lower Upper
202 100
101 14.2 8.9 13.3#
100 10.7 6.7 10.1#



#82
Pyrene
Concen: 21.514 ng/ul
RT: 19.892 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:202 Resp: 1302330
Ion Ratio Lower Upper
202 100
101 16.3 9.7 14.5#
100 13.7 8.0 12.0#

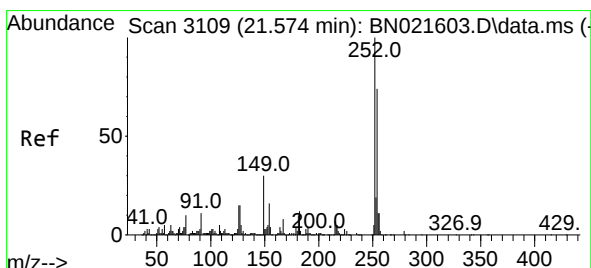
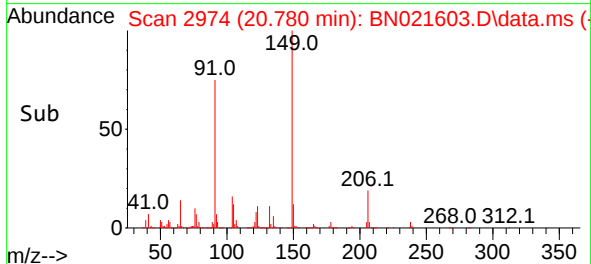
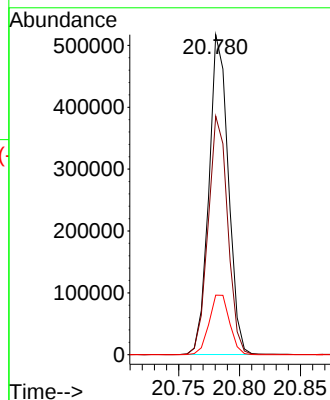
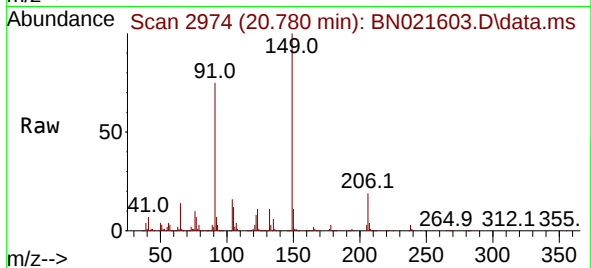




#83
Butylbenzylphthalate
Concen: 24.940 ng/ul
RT: 20.780 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

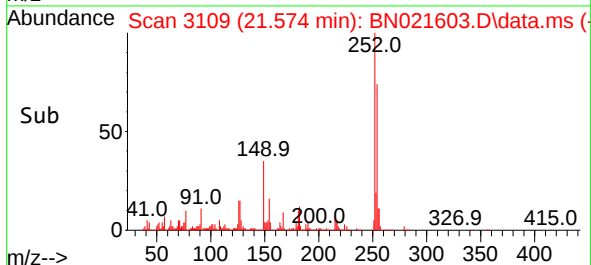
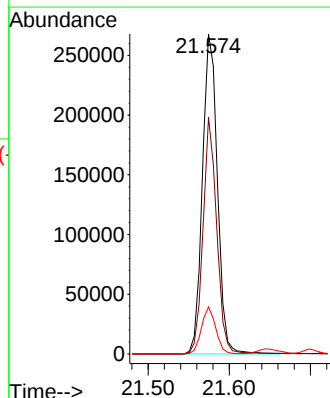
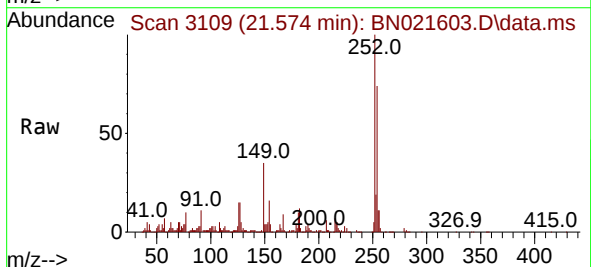
Instrument :
BNA_N
ClientSampleId :
SSTD020333

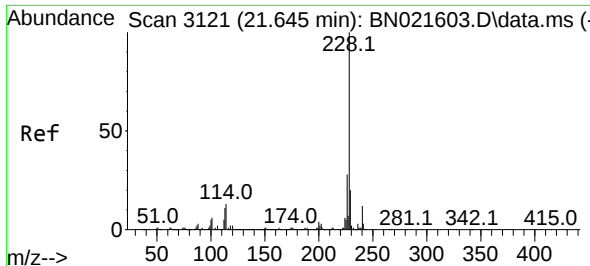
Tgt Ion:149 Resp: 571423
Ion Ratio Lower Upper
149 100
91 74.6 58.8 88.2
206 18.6 18.1 27.1



#84
3,3'-Dichlorobenzidine
Concen: 17.831 ng/ul
RT: 21.574 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:252 Resp: 344226
Ion Ratio Lower Upper
252 100
254 74.0 50.8 76.2
126 14.7 8.2 12.4#

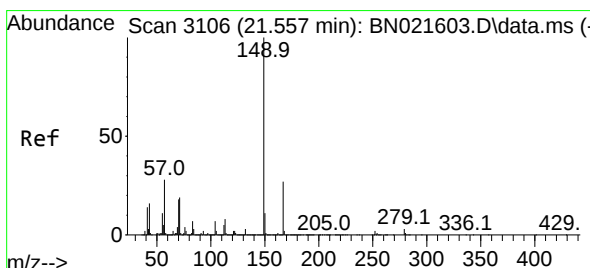
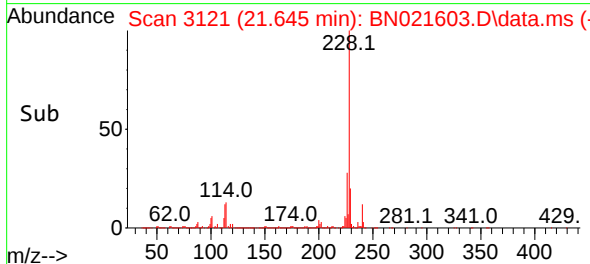
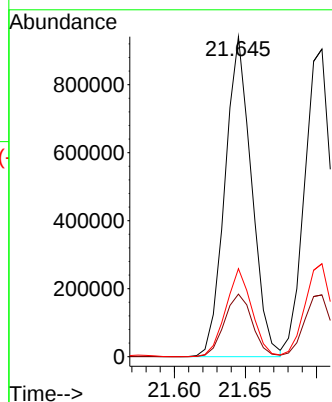
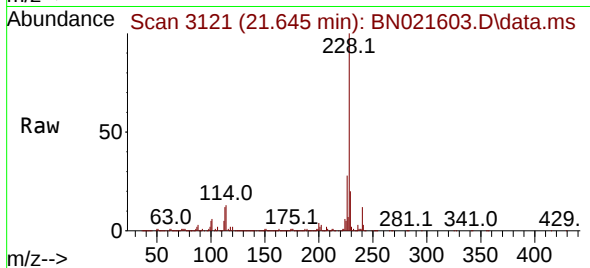




#85
 Benzo(a)anthracene
 Concen: 20.095 ng/ul
 RT: 21.645 min Scan# 3121
 Delta R.T. 0.000 min
 Lab File: BN021603.D
 Acq: 06 Sep 2022 16:29

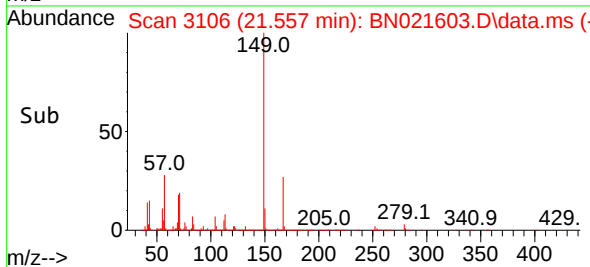
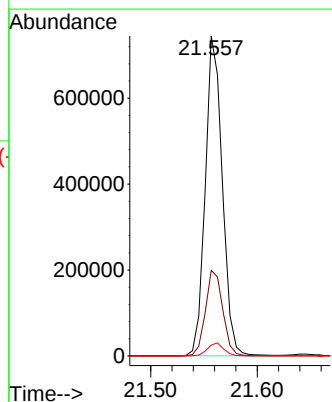
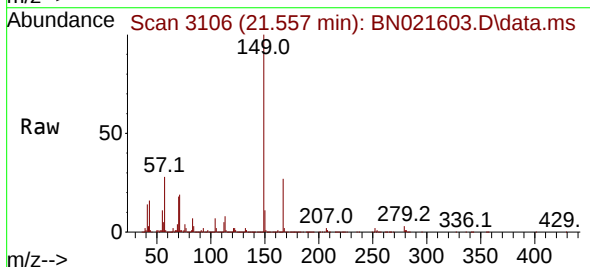
Instrument :
 BNA_N
 ClientSampleId :
 SSTD020333

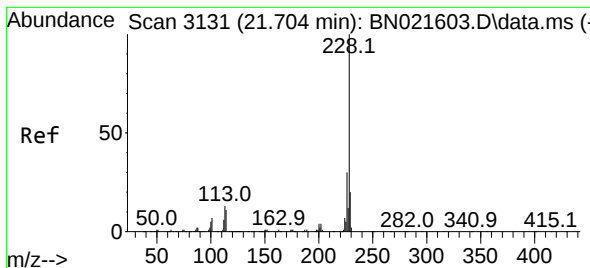
Tgt Ion:228 Resp: 1225077
 Ion Ratio Lower Upper
 228 100
 229 19.5 16.3 24.5
 226 27.5 23.2 34.8



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 23.633 ng/ul
 RT: 21.557 min Scan# 3106
 Delta R.T. 0.000 min
 Lab File: BN021603.D
 Acq: 06 Sep 2022 16:29

Tgt Ion:149 Resp: 829023
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.5 33.7
 279 3.4 3.5 5.3#





#87

Chrysene

Concen: 20.236 ng/ul

RT: 21.704 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

Instrument :

BNA_N

ClientSampleId :

SSTD020333

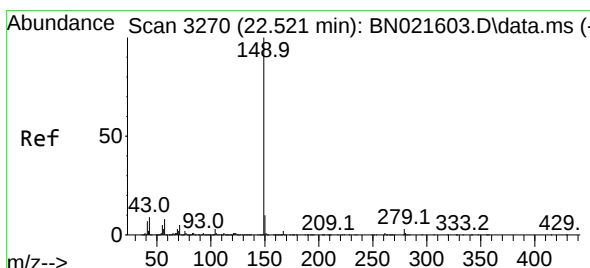
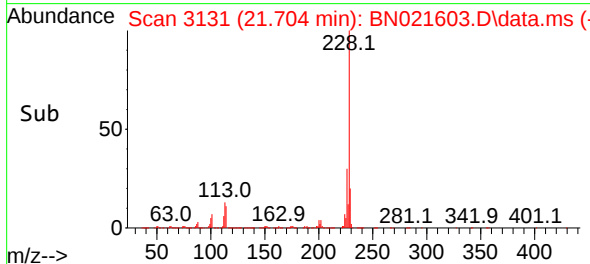
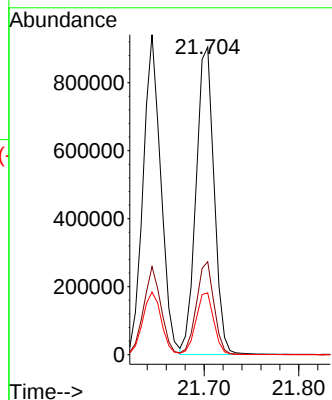
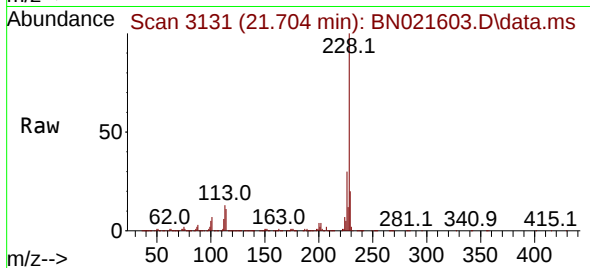
Tgt Ion:228 Resp: 1194424

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 20.1 16.2 24.2



#89

Di-n-octyl phthalate

Concen: 26.038 ng/ul

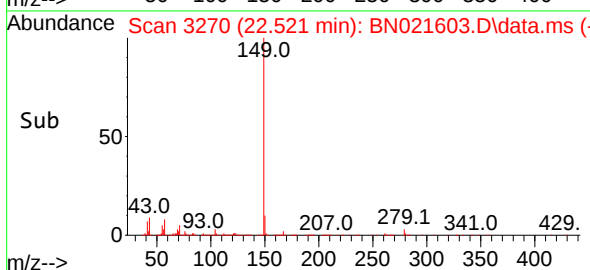
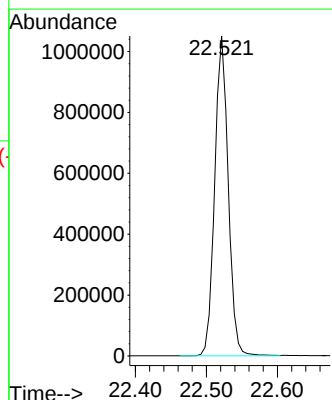
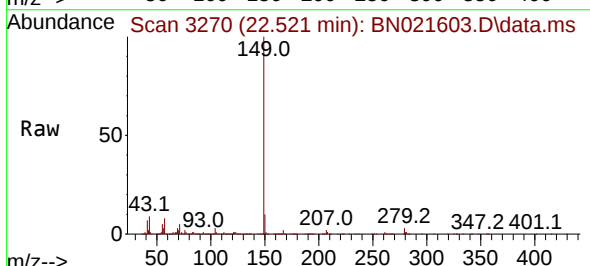
RT: 22.521 min Scan# 3270

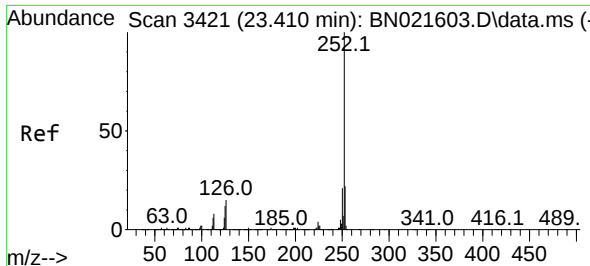
Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

Tgt Ion:149 Resp: 1386537

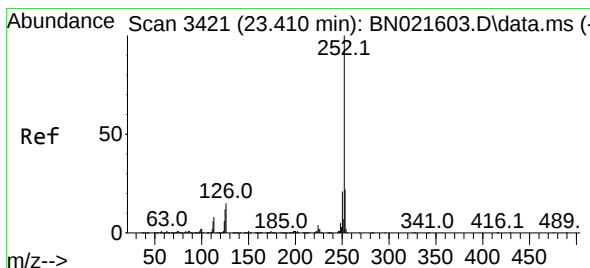
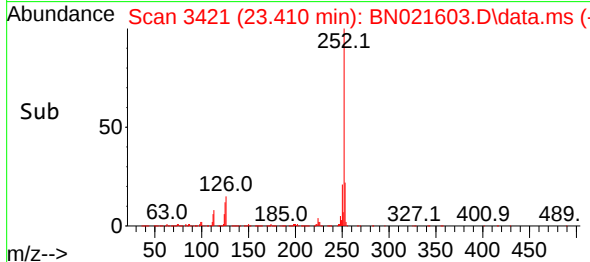
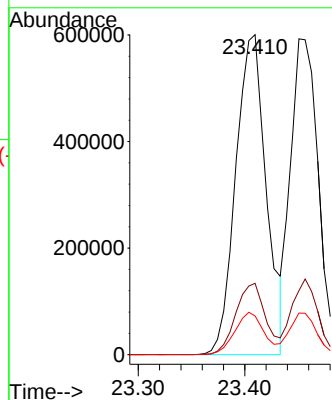
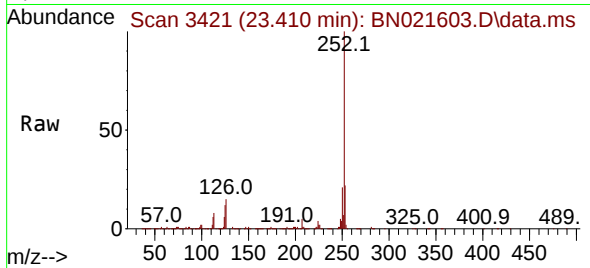




#90
Benzo(b)fluoranthene
Concen: 21.636 ng/u1
RT: 23.410 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

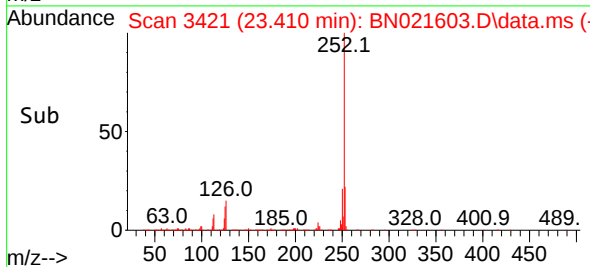
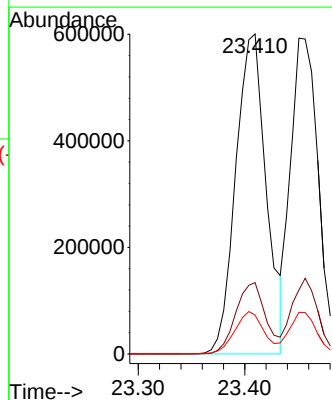
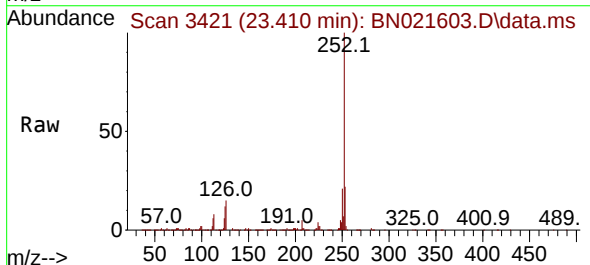
Instrument :
BNA_N
ClientSampleId :
SSTD020333

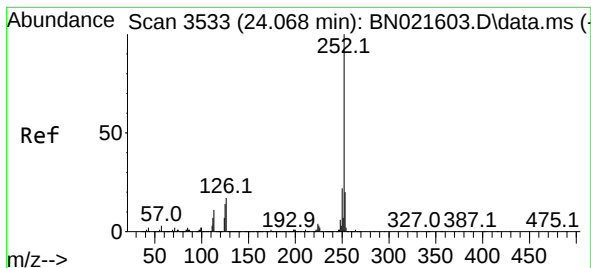
Tgt Ion:252 Resp: 1196626
Ion Ratio Lower Upper
252 100
253 22.3 16.5 24.7
125 12.1 7.8 11.8#



#91
Benzo(k)fluoranthene
Concen: 24.187 ng/u1
RT: 23.410 min Scan# 3421
Delta R.T. -0.041 min
Lab File: BN021603.D
Acq: 06 Sep 2022 16:29

Tgt Ion:252 Resp: 1196626
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 12.1 8.2 12.4





#93

Benzo(a)pyrene

Concen: 20.648 ng/ul

RT: 24.068 min Scan# 3533

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

Instrument :

BNA_N

ClientSampleId :

SSTD020333

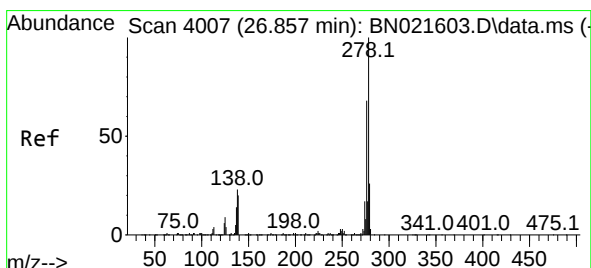
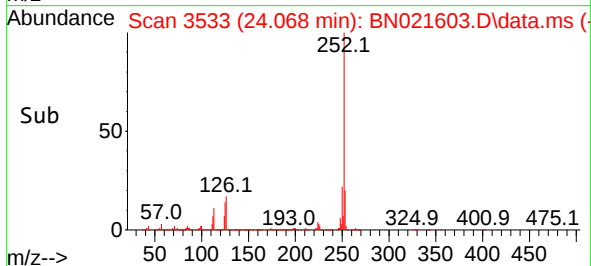
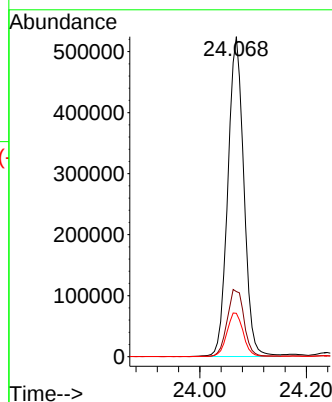
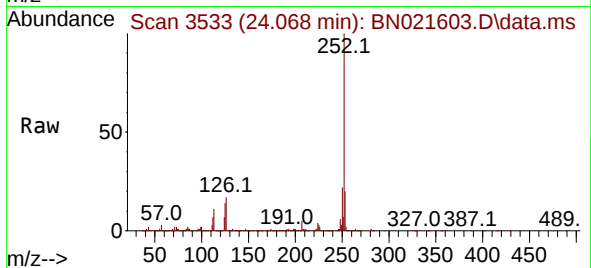
Tgt Ion:252 Resp: 1092641

Ion Ratio Lower Upper

252 100

253 20.4 18.7 28.1

125 13.5 9.2 13.8



#95

Dibenzo(a,h)anthracene

Concen: 16.084 ng/ul

RT: 26.857 min Scan# 4007

Delta R.T. 0.000 min

Lab File: BN021603.D

Acq: 06 Sep 2022 16:29

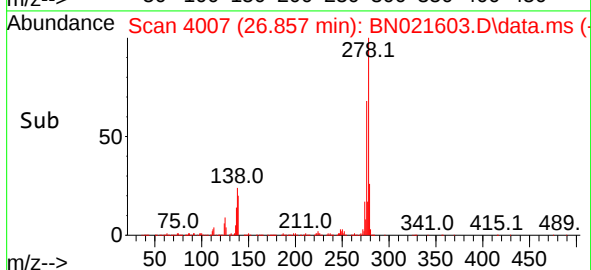
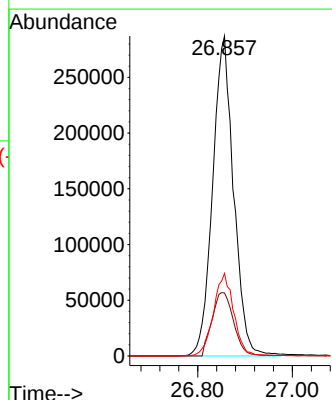
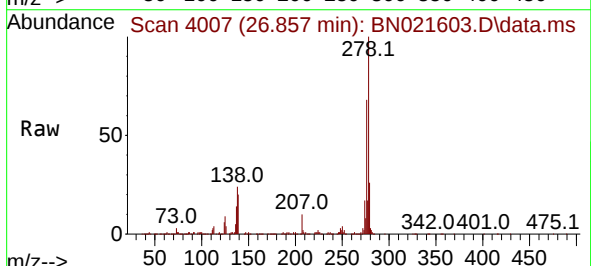
Tgt Ion:278 Resp: 881825

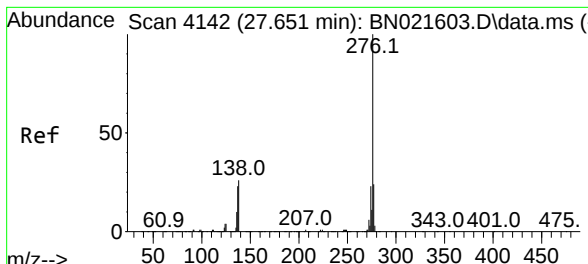
Ion Ratio Lower Upper

278 100

139 19.7 13.8 20.8

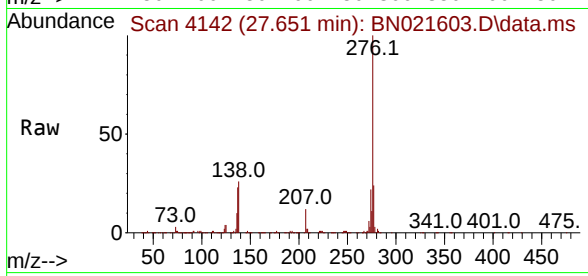
279 25.8 18.3 27.5





#96
 Benzo(g,h,i)perylene
 Concen: 15.376 ng/ul
 RT: 27.651 min Scan# 4142
 Delta R.T. 0.000 min
 Lab File: BN021603.D
 Acq: 06 Sep 2022 16:29

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020333



Tgt Ion: 276 Resp: 871670

Ion	Ratio	Lower	Upper
276	100		
138	26.0	17.0	25.6#
277	24.4	17.8	26.6

