

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
 Data File : BN024119.D
 Acq On : 03 Mar 2023 09:14
 Operator : CG/JU
 Sample : SST00577
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST005245

Quant Time: Mar 03 23:05:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 03 23:03:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	219438	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	924726	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	586391	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1267808	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	1166783	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1340769	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	11169	2.077	ng/uL	0.00
4) Pyridine-d5	3.834	84	73054	5.148	ng/u1	0.00
7) Phenol-d5	7.199	99	84269	4.772	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	62606	5.779	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	65723	4.463	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	65127	4.723	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	19618	2.976	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	20134	2.823	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	60681	4.044	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	95444	4.789	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	205492	4.612	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	237022	4.389	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	24638	3.171	ng/u1	0.00
60) Fluorene-d10	15.686	176	181148	4.679	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	14968	2.435	ng/u1	0.00
73) Anthracene-d10	17.539	188	283357	4.716	ng/u1	0.00
81) Pyrene-d10	19.827	212	312135	4.552	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	275685	3.918	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	12971	2.216	ng/uL	94
5) Pyridine	3.858	79	76607	5.283	ng/u1	97
6) Benzaldehyde	7.187	77	54733	6.209	ng/u1	96
8) Phenol	7.228	94	93611	5.202	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.475	93	78446	5.402	ng/u1	95
12) 2-Chlorophenol	7.616	128	70917	4.759	ng/u1	99
13) 2-Methylphenol	8.493	108	63907	4.703	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.593	45	127370	6.428	ng/u1	98
16) Acetophenone	8.887	105	120483	5.792	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.869	70	52407	5.012	ng/u1#	95
18) 4-Methylphenol	8.822	108	72898	5.046	ng/u1	97
19) Hexachloroethane	9.151	117	26778	4.451	ng/u1	92
22) Nitrobenzene	9.269	77	61575	3.791	ng/u1	99
23) Isophorone	9.793	82	156746	4.712	ng/u1	99
25) 2-Nitrophenol	9.987	139	25313	3.207	ng/u1	99
26) 2,4-Dimethylphenol	10.040	107	78379	4.612	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.281	93	104047	5.127	ng/u1	99
29) 2,4-Dichlorophenol	10.516	162	63949	4.334	ng/u1	97
30) Naphthalene	10.928	128	250758	4.972	ng/u1	99
32) 4-Chloroaniline	11.034	127	100447	5.058	ng/u1	99
33) Hexachlorobutadiene	11.216	225	41527	4.101	ng/u1	96
34) Caprolactam	11.781	113	17069	3.895	ng/u1	99
35) 4-Chloro-3-methylphenol	12.145	107	67212	4.479	ng/u1	97
36) 2-Methylnaphthalene	12.534	142	160581	4.924	ng/u1	99

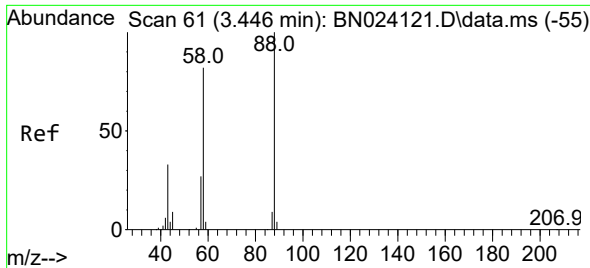
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	163192	5.061	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.892	216	82203	4.089	ng/ul	97
40) Hexachlorocyclopentadiene	12.881	237	29406	2.762	ng/ul	96
41) 2,4,6-Trichlorophenol	13.128	196	47656	3.687	ng/ul	90
42) 2,4,5-Trichlorophenol	13.192	196	50302	3.643	ng/ul	97
43) 1,1'-Biphenyl	13.534	154	219972	4.608	ng/ul	97
44) 2-Chloronaphthalene	13.575	162	174249	4.617	ng/ul	99
45) 2-Nitroaniline	13.769	65	20019	2.871	ng/ul	90
47) Dimethylphthalate	14.145	163	213223	4.810	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	15597	2.573	ng/ul	93
50) Acenaphthylene	14.416	152	270977	4.743	ng/ul	98
51) 3-Nitroaniline	14.592	138	21512	2.970	ng/ul#	96
52) Acenaphthene	14.757	153	186250	4.795	ng/ul	96
53) 2,4-Dinitrophenol	14.792	184	8566	2.047	ng/ul	99
55) 4-Nitrophenol	14.881	109	22973	3.760	ng/ul	98
56) Dibenzofuran	15.092	168	262391	4.864	ng/ul	98
57) 2,4-Dinitrotoluene	15.045	165	28691	3.199	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.310	232	44548	3.879	ng/ul	98
59) Diethylphthalate	15.510	149	206969	4.842	ng/ul	99
61) Fluorene	15.739	166	219181	5.137	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.733	204	104983	4.855	ng/ul	97
63) 4-Nitroaniline	15.745	138	24028	3.720	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.804	198	16415	2.618	ng/ul#	89
67) N-Nitrosodiphenylamine	15.945	169	174108	4.601	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	56384	3.967	ng/ul	98
69) Hexachlorobenzene	16.745	284	73966	4.488	ng/ul	96
70) Atrazine	16.892	200	47883	3.748	ng/ul	99
71) Pentachlorophenol	17.086	266	34932	3.389	ng/ul	98
72) Phenanthrene	17.486	178	338896	4.826	ng/ul	99
74) Anthracene	17.575	178	342490	4.838	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.498	216	85319	3.959	ng/uL	98
76) Pentachlorobenzene	15.010	250	82339	4.116	ng/uL	97
77) Carbazole	17.839	167	301881	4.944	ng/ul	100
78) Di-n-butylphthalate	18.410	149	305410	4.375	ng/ul	99
80) Fluoranthene	19.492	202	359922	4.442	ng/ul	96
82) Pyrene	19.857	202	412772	4.944	ng/ul	98
83) Butylbenzylphthalate	20.757	149	67160	5.231	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.545	252	65617	2.705	ng/ul	93
85) Benzo(a)anthracene	21.616	228	370682	4.524	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	116208	4.920	ng/ul	98
87) Chrysene	21.668	228	384546	4.924	ng/ul	93
89) Di-n-octyl phthalate	22.510	149	180941	3.244	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	347342	4.046	ng/ul	100
91) Benzo(k)fluoranthene	23.421	252	383500	4.586	ng/ul	100
93) Benzo(a)pyrene	24.033	252	327198	4.240	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.774	276	362267	3.539	ng/ul	97
95) Dibenzo(a,h)anthracene	26.792	278	290270	3.461	ng/ul	99
96) Benzo(g,h,i)perylene	27.592	276	304657	3.606	ng/ul	99

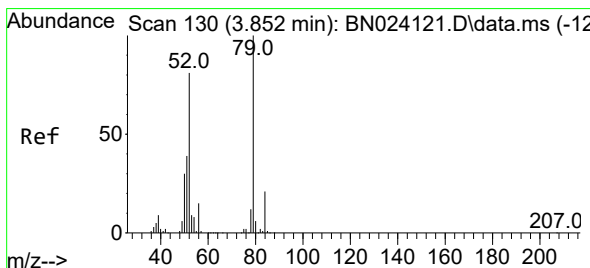
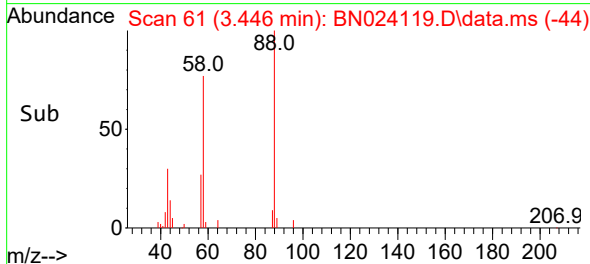
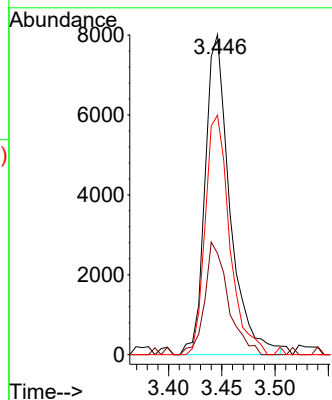
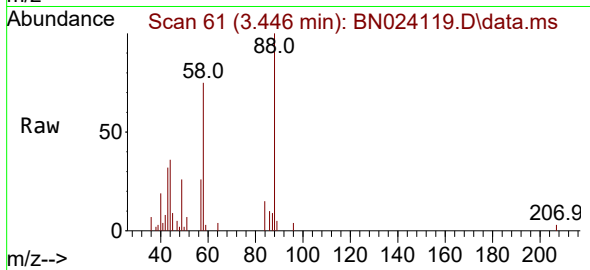
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#2
 1,4-Dioxane
 Concen: 2.216 ng/uL
 RT: 3.446 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024119.D
 Acq: 03 Mar 2023 09:14

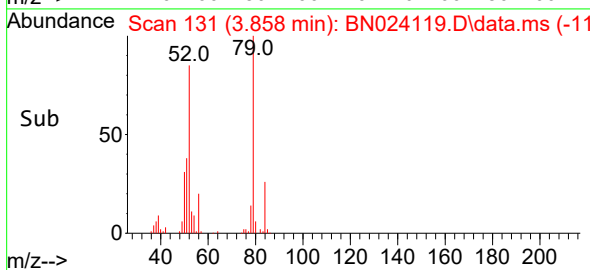
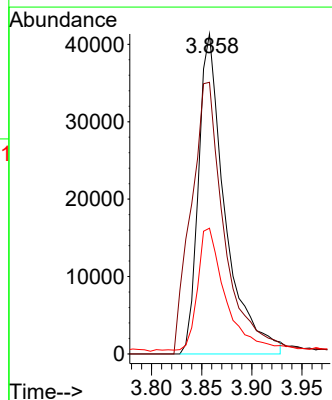
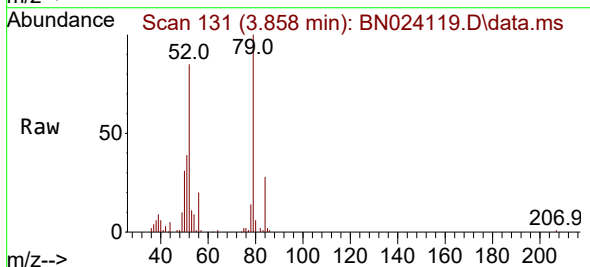
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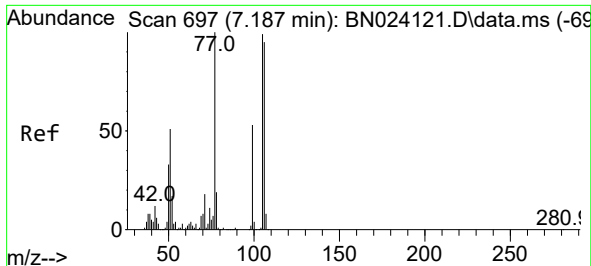
Tgt Ion: 88	Resp: 12971
Ion Ratio	Lower Upper
88	100
43	31.6 26.2 39.4
58	74.9 64.9 97.3



#5
 Pyridine
 Concen: 5.283 ng/uL
 RT: 3.858 min Scan# 131
 Delta R.T. 0.006 min
 Lab File: BN024119.D
 Acq: 03 Mar 2023 09:14

Tgt Ion: 79	Resp: 76607
Ion Ratio	Lower Upper
79	100
52	84.9 65.1 97.7
51	39.3 31.4 47.0

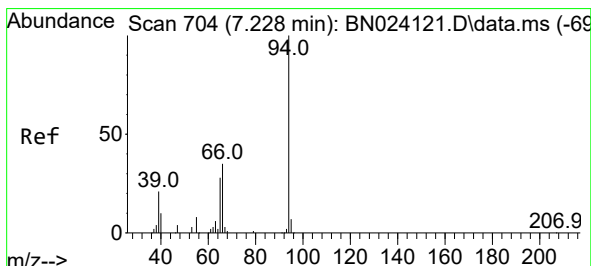
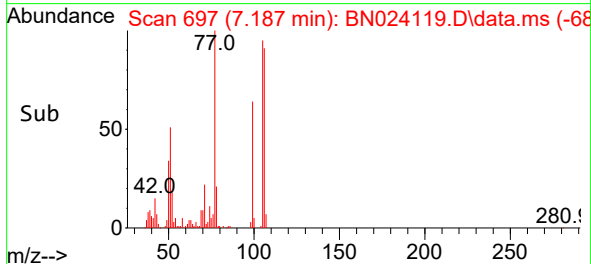
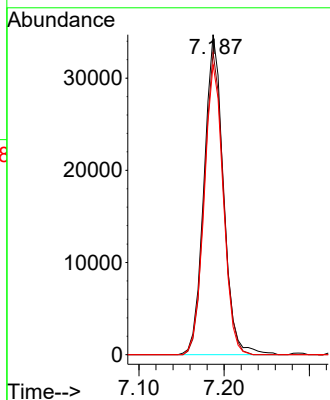
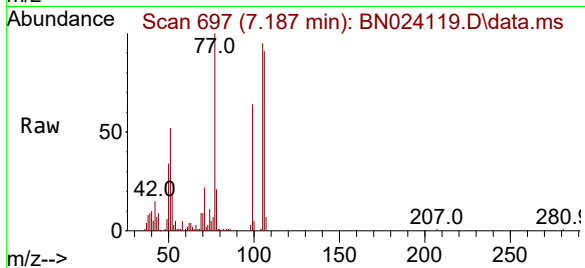




#6
Benzaldehyde
Concen: 6.209 ng/ul
RT: 7.187 min Scan# 697
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

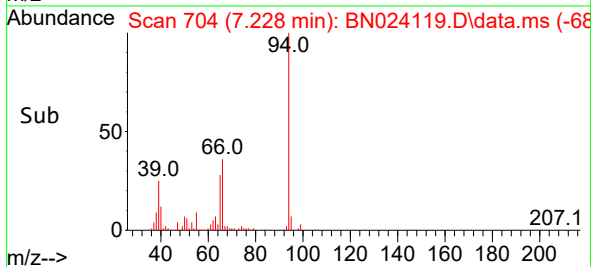
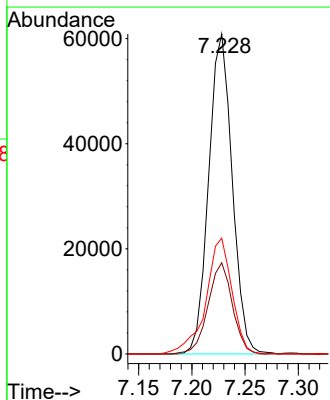
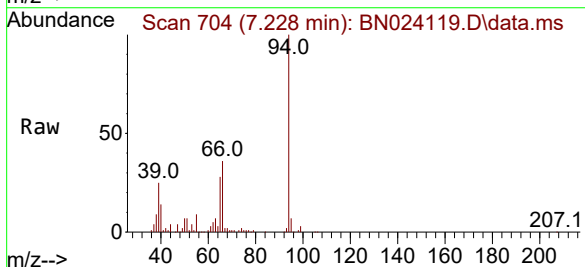
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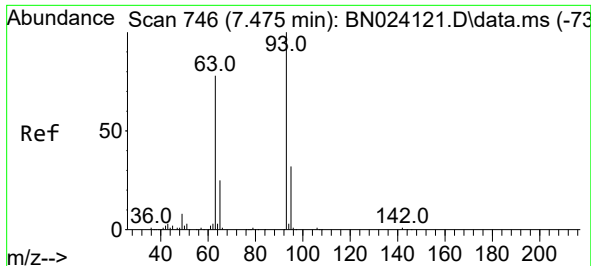
Tgt Ion: 77 Resp: 54733
Ion Ratio Lower Upper
77 100
105 94.5 79.2 118.8
106 90.7 75.9 113.9



#8
Phenol
Concen: 5.202 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion: 94 Resp: 93611
Ion Ratio Lower Upper
94 100
65 28.5 22.9 34.3
66 36.2 29.0 43.6

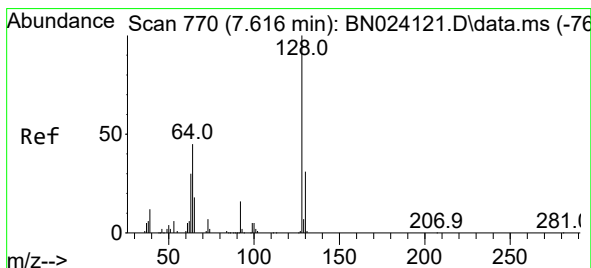
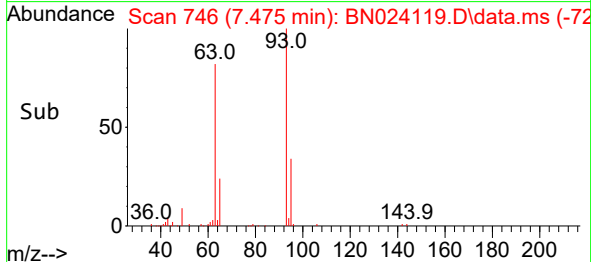
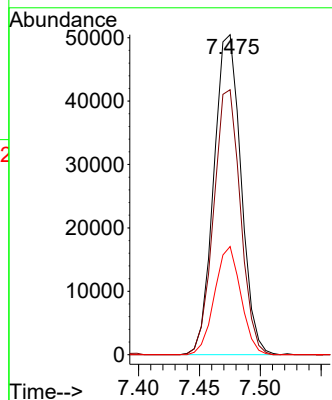
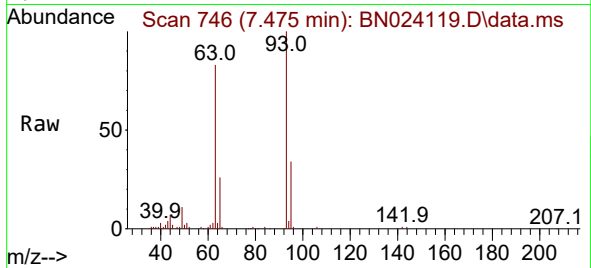




#10
Bis(2-Chloroethyl)ether
Concen: 5.402 ng/ul
RT: 7.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

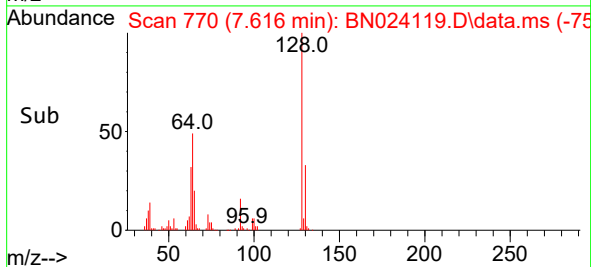
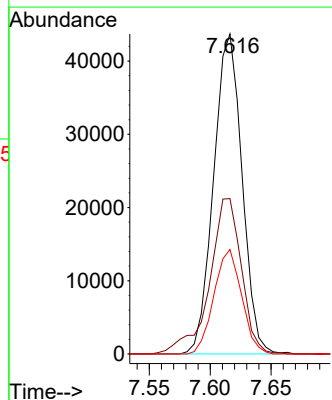
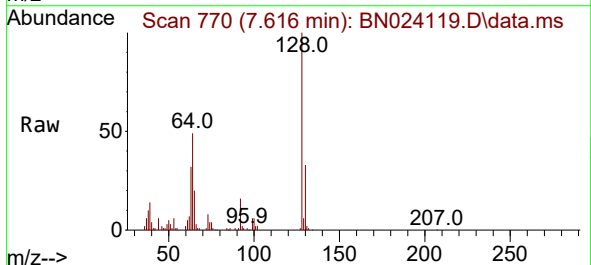
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ClientSampleId :
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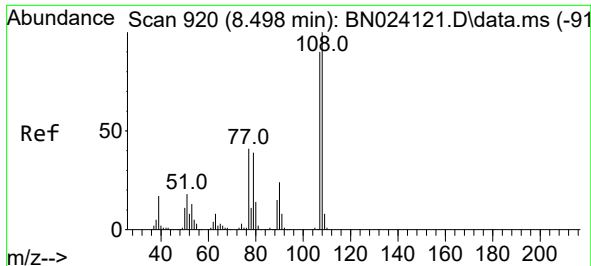
Tgt Ion: 93 Resp: 78446
Ion Ratio Lower Upper
93 100
63 82.8 62.6 93.8
95 33.8 25.8 38.6



#12
2-Chlorophenol
Concen: 4.759 ng/ul
RT: 7.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion: 128 Resp: 70917
Ion Ratio Lower Upper
128 100
64 48.6 39.3 58.9
130 32.6 25.1 37.7





#13

2-Methylphenol

Concen: 4.703 ng/ul

RT: 8.493 min Scan# 91

Delta R.T. -0.006 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

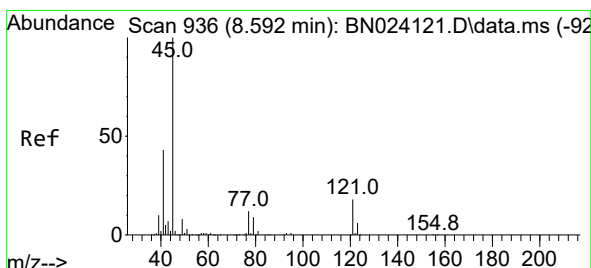
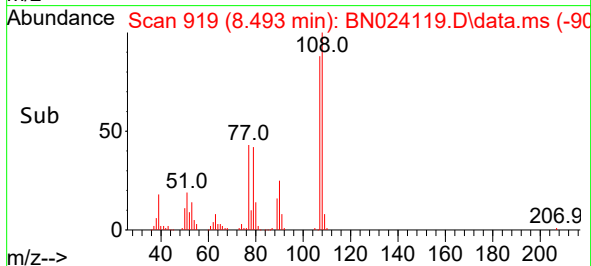
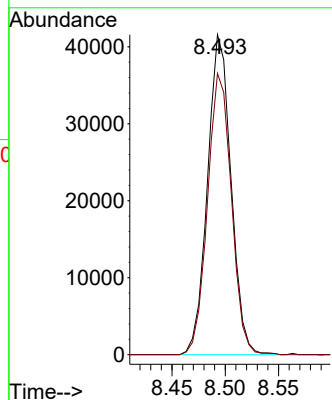
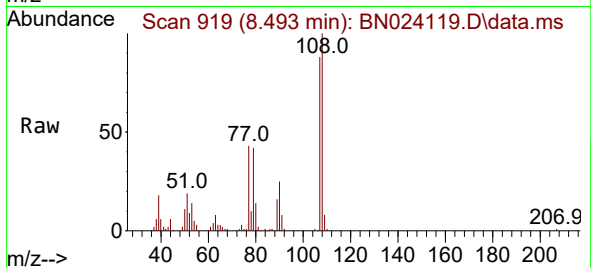
SSTD005245

Tgt Ion:108 Resp: 63907

Ion Ratio Lower Upper

108 100

107 87.9 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 6.428 ng/ul

RT: 8.593 min Scan# 936

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

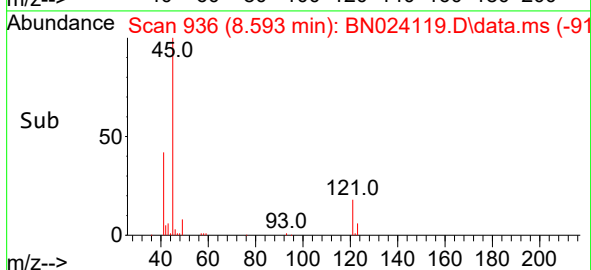
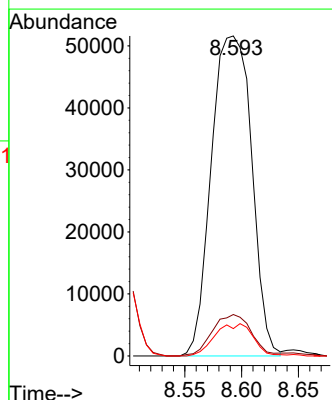
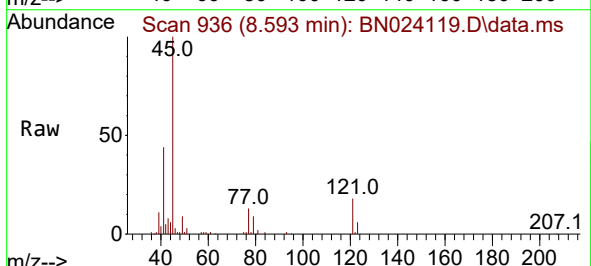
Tgt Ion: 45 Resp: 127370

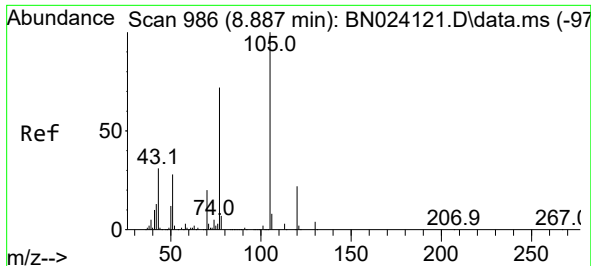
Ion Ratio Lower Upper

45 100

77 13.0 9.8 14.6

79 8.6 7.4 11.0

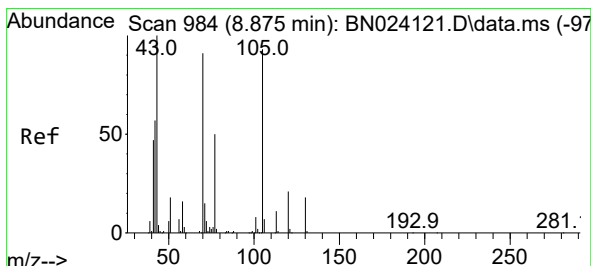
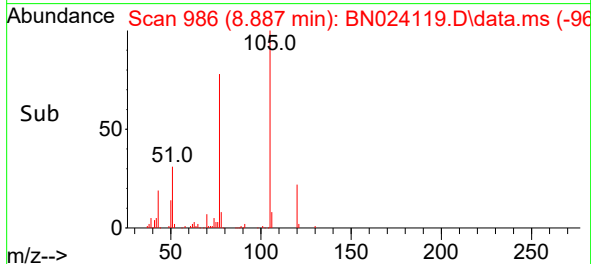
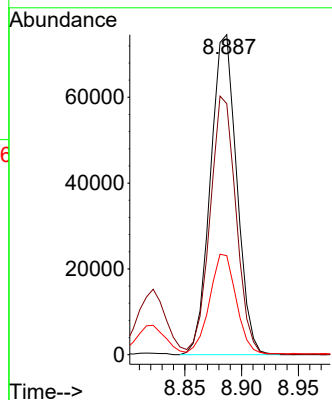
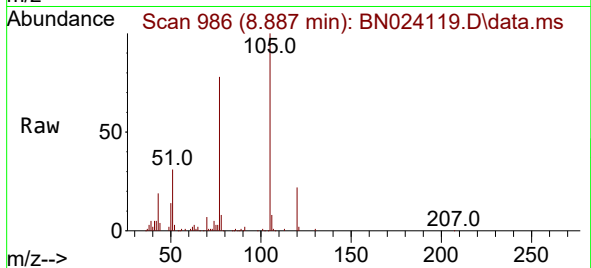




#16
Acetophenone
Concen: 5.792 ng/ul
RT: 8.887 min Scan# 986
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

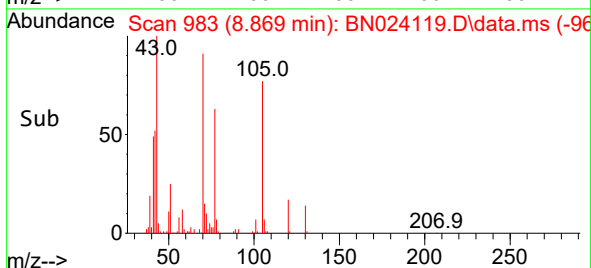
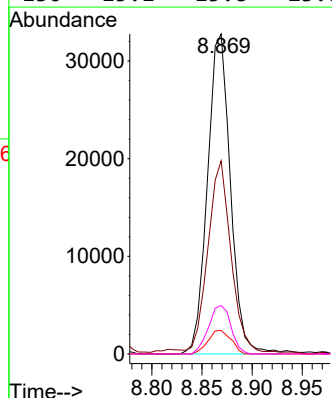
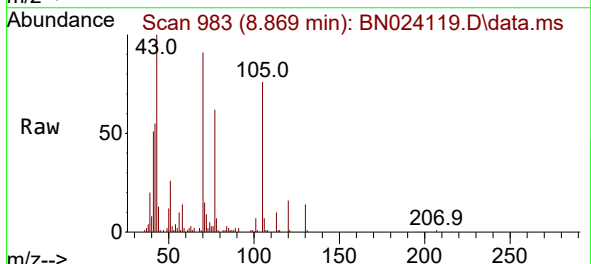
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ClientSampleId :
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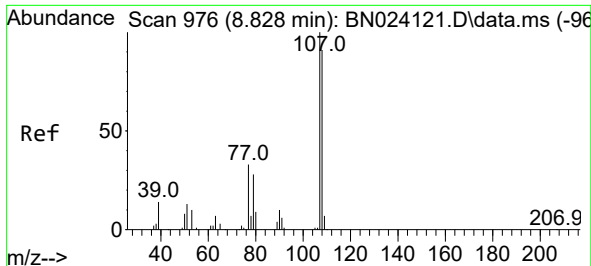
Tgt Ion:105 Resp: 120483
Ion Ratio Lower Upper
105 100
77 78.5 61.4 92.0
51 30.9 23.8 35.8



#17
N-Nitroso-di-n-propylamine
Concen: 5.012 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion: 70 Resp: 52407
Ion Ratio Lower Upper
70 100
42 60.3 50.8 76.2
101 7.4 7.2 10.8
130 15.1 15.8 23.8#





#18

4-Methylphenol

Concen: 5.046 ng/ul

RT: 8.822 min Scan# 91

Delta R.T. -0.006 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

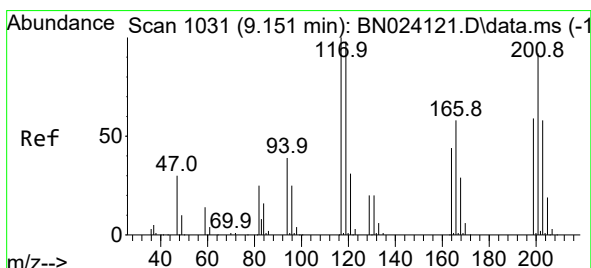
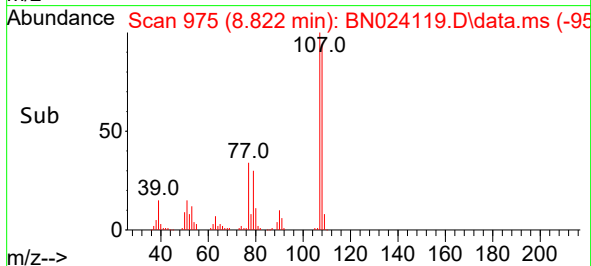
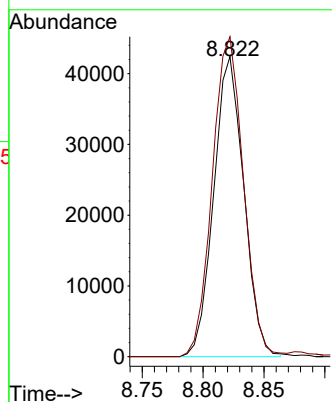
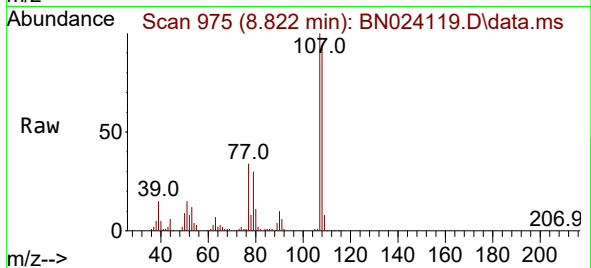
SSTD005245

Tgt Ion:108 Resp: 72898

Ion Ratio Lower Upper

108 100

107 106.6 87.8 131.6



#19

Hexachloroethane

Concen: 4.451 ng/ul

RT: 9.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

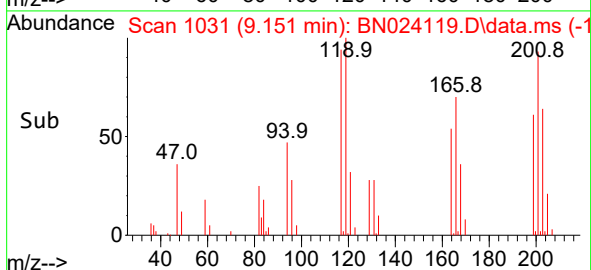
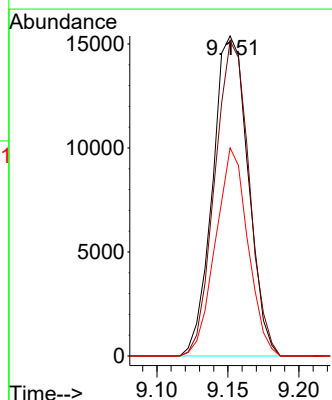
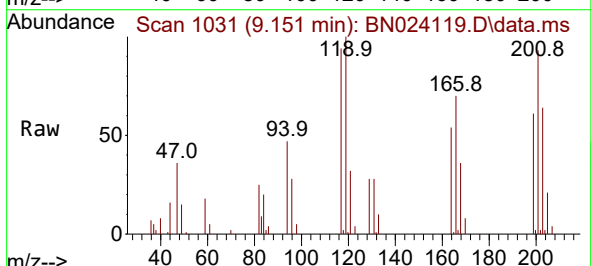
Tgt Ion:117 Resp: 26778

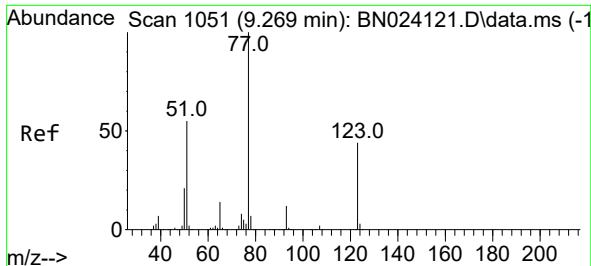
Ion Ratio Lower Upper

117 100

201 98.4 73.8 110.6

199 67.0 47.2 70.8

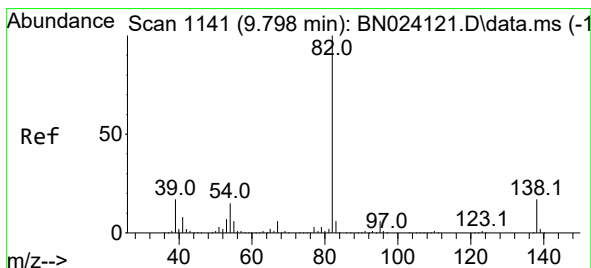
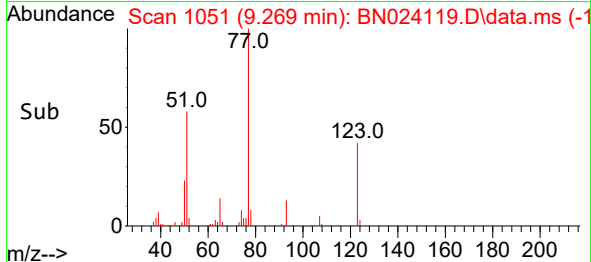
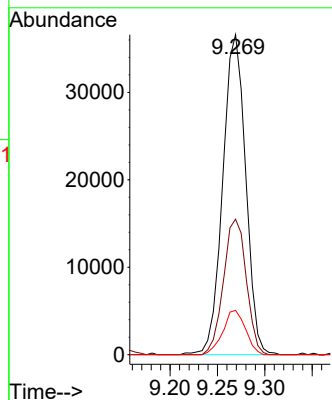
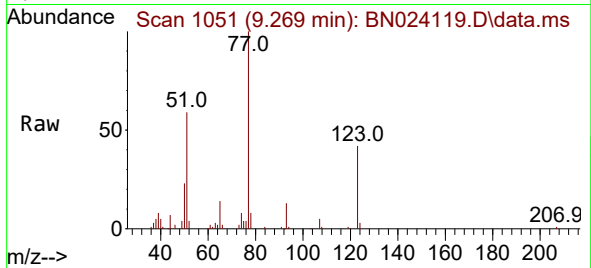




#22
Nitrobenzene
Concen: 3.791 ng/ul
RT: 9.269 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

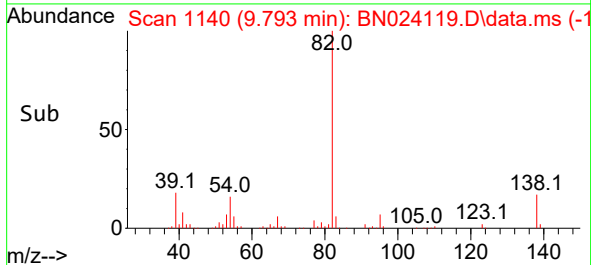
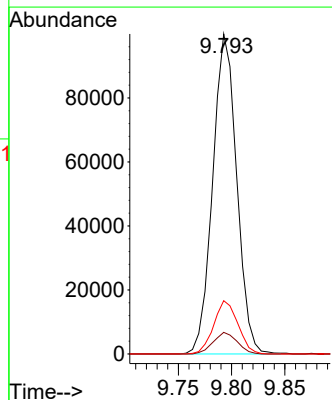
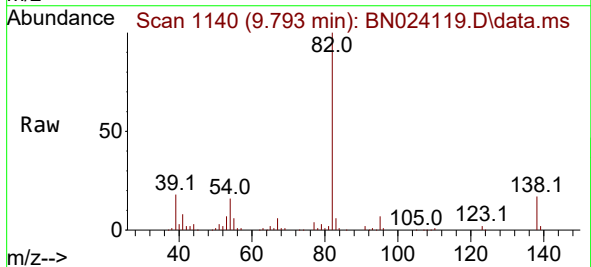
Instrument :
BNA_N
ClientSampleId :
SSTD005245

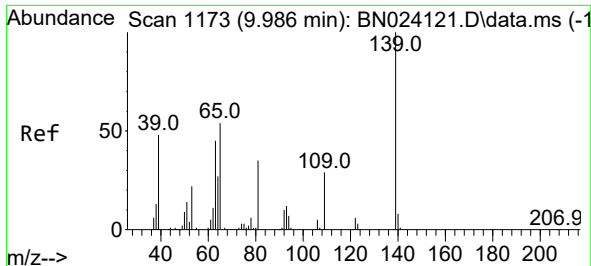
Tgt Ion: 77 Resp: 61575
Ion Ratio Lower Upper
77 100
123 42.4 34.8 52.2
65 13.8 11.0 16.4



#23
Isophorone
Concen: 4.712 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion: 82 Resp: 156746
Ion Ratio Lower Upper
82 100
95 6.8 5.0 7.6
138 16.7 13.8 20.6

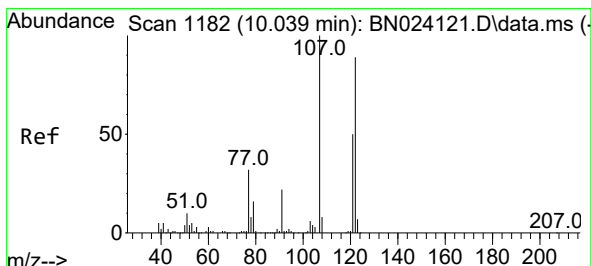
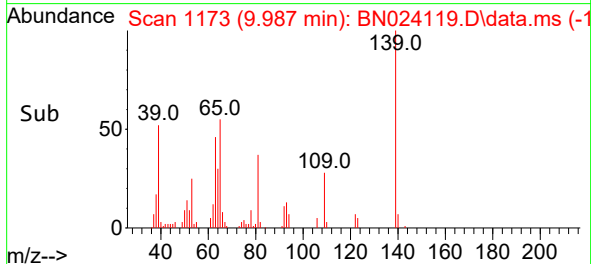
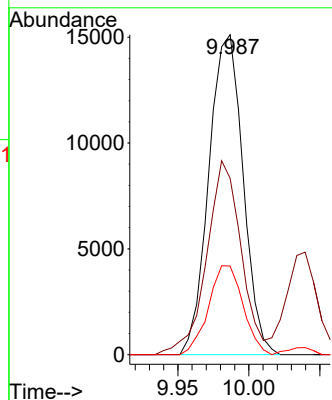
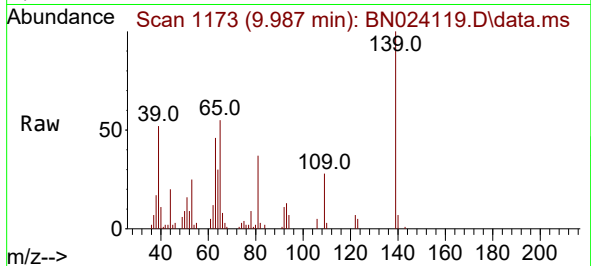




#25
2-Nitrophenol
Concen: 3.207 ng/ul
RT: 9.987 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

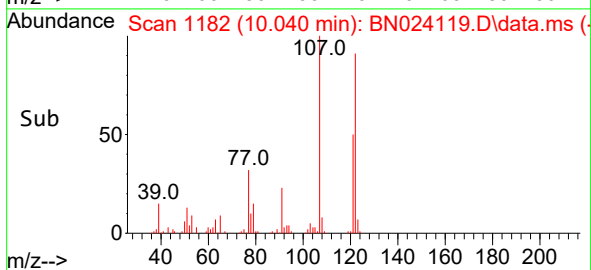
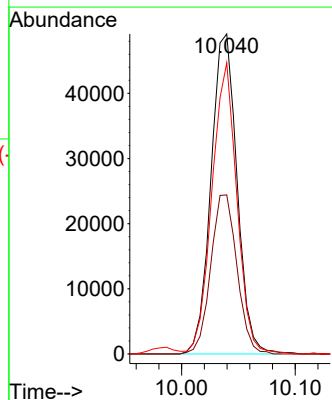
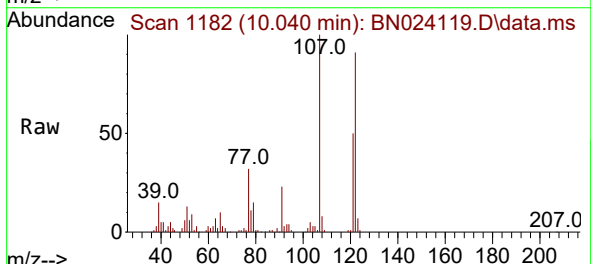
Instrument :
BNA_N
ClientSampleId :
SSTD005245

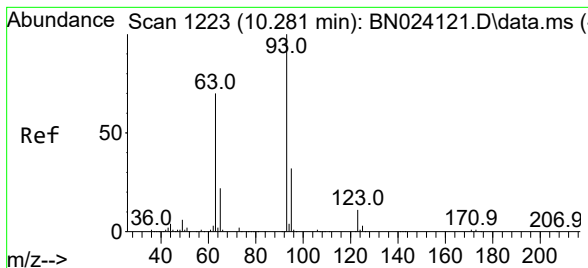
Tgt Ion:139 Resp: 25313
Ion Ratio Lower Upper
139 100
65 55.1 44.5 66.7
109 27.7 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 4.612 ng/ul
RT: 10.040 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:107 Resp: 78379
Ion Ratio Lower Upper
107 100
121 49.7 40.2 60.2
122 91.0 71.8 107.8





#27

Bis(2-Chloroethoxy)methane

Concen: 5.127 ng/ul

RT: 10.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

SSTD005245

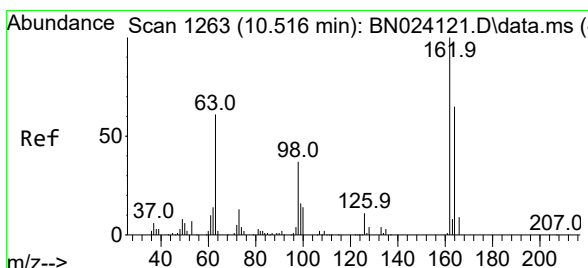
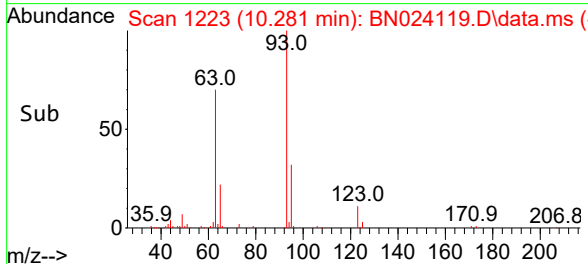
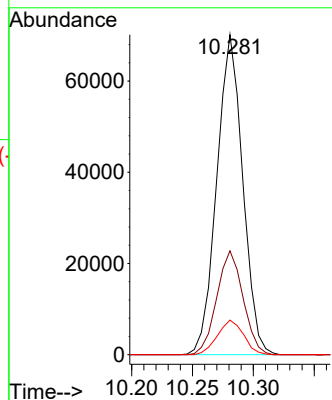
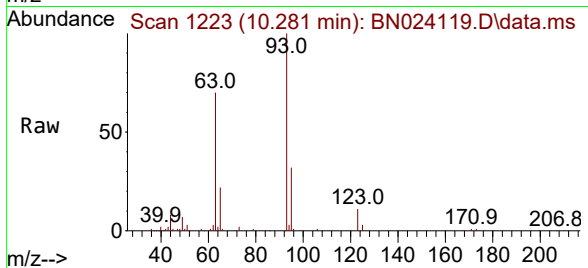
Tgt Ion: 93 Resp: 104047

Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.2

123 10.8 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 4.334 ng/ul

RT: 10.516 min Scan# 1263

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

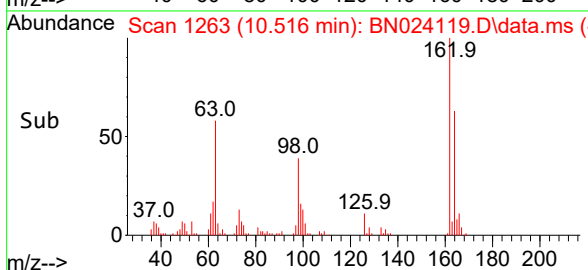
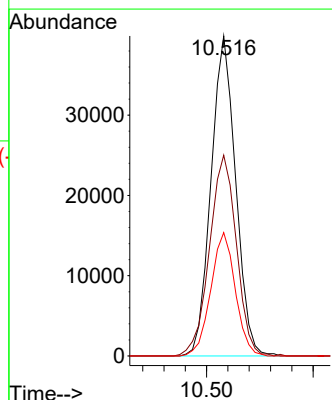
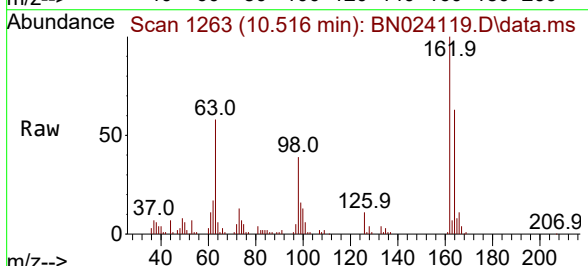
Tgt Ion:162 Resp: 63949

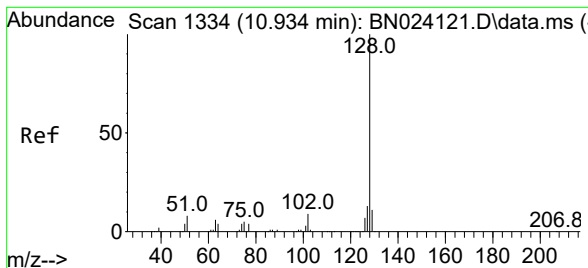
Ion Ratio Lower Upper

162 100

164 62.7 52.6 78.8

98 38.6 29.8 44.8

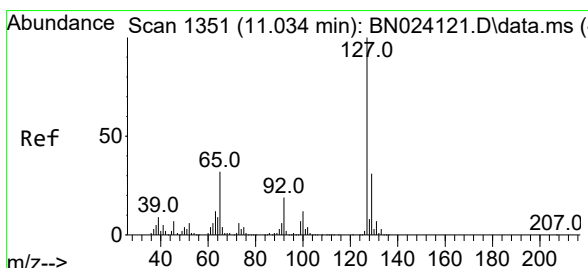
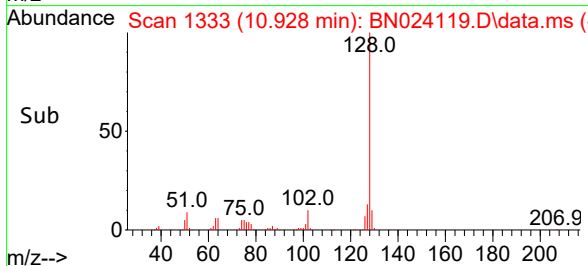
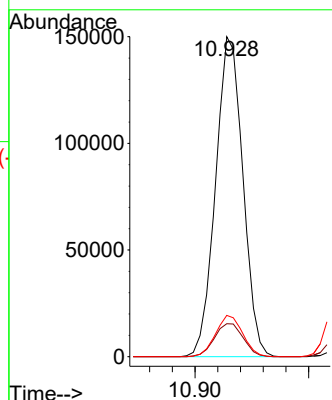
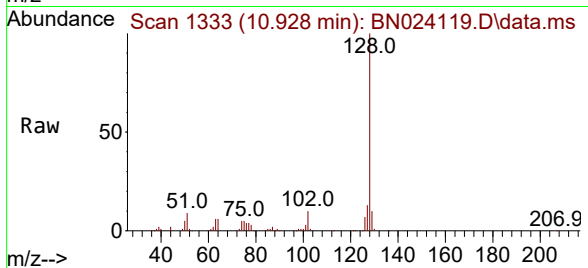




#30
Naphthalene
Concen: 4.972 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

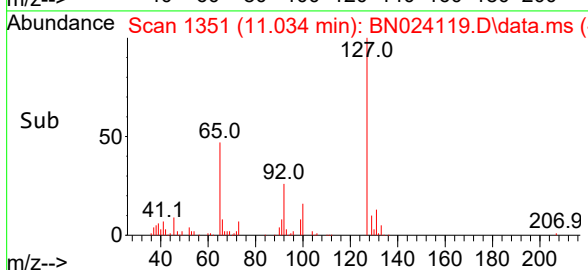
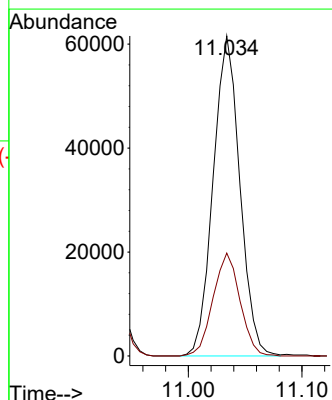
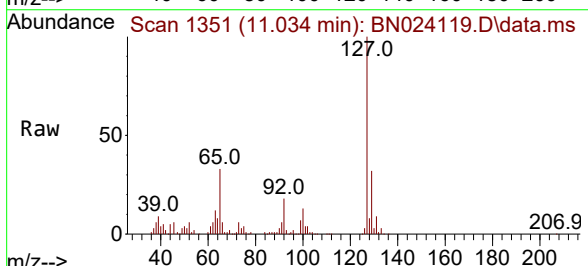
Instrument :
BNA_N
ClientSampleId :
SSTD005245

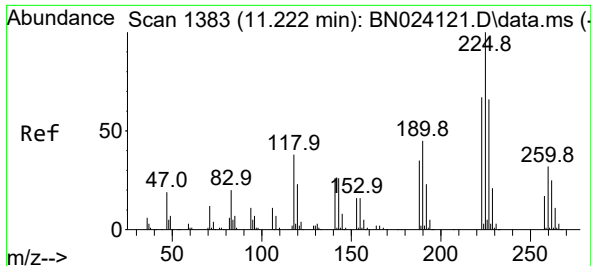
Tgt Ion:128 Resp: 250758
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 12.9 10.1 15.1



#32
4-Chloroaniline
Concen: 5.058 ng/ul
RT: 11.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:127 Resp: 100447
Ion Ratio Lower Upper
127 100
129 32.1 25.1 37.7

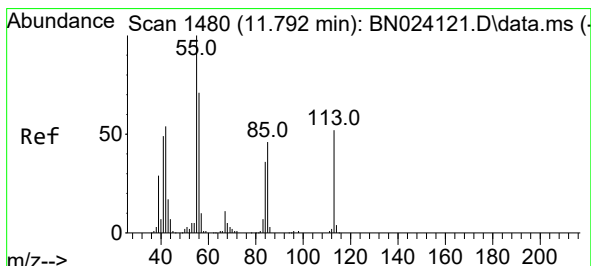
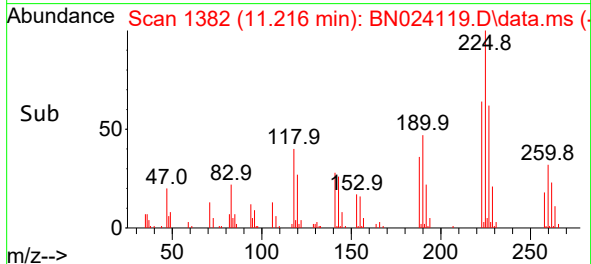
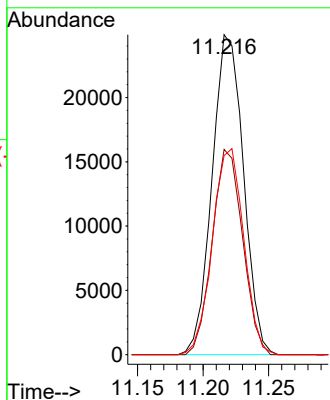
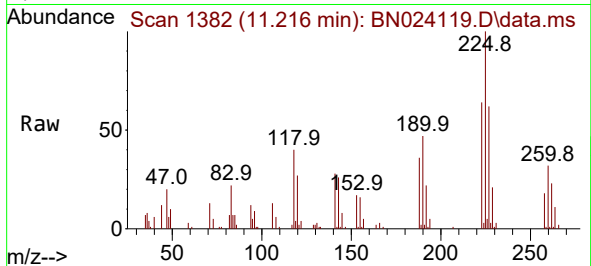




#33
Hexachlorobutadiene
Concen: 4.101 ng/ul
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

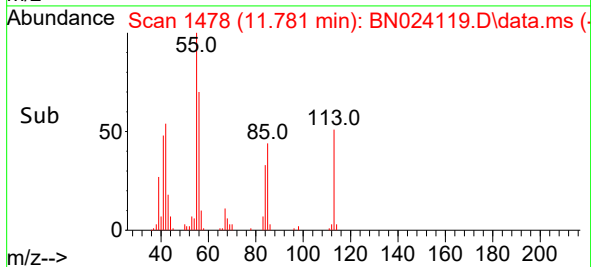
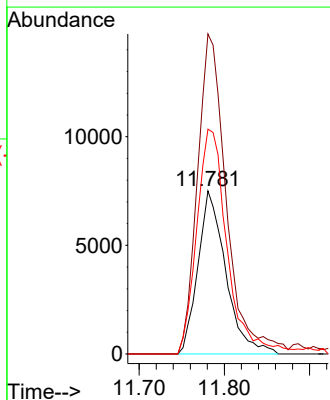
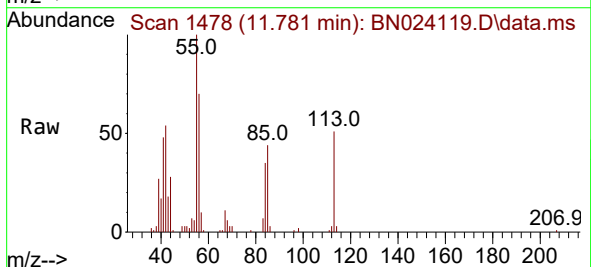
Instrument :
BNA_N
ClientSampleId :
SSTD005245

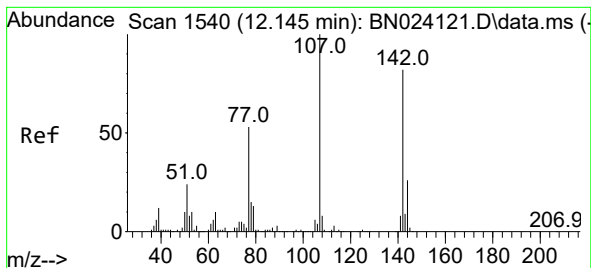
Tgt Ion:225 Resp: 41527
Ion Ratio Lower Upper
225 100
223 64.2 53.6 80.4
227 62.3 53.0 79.4



#34
Caprolactam
Concen: 3.895 ng/ul
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:113 Resp: 17069
Ion Ratio Lower Upper
113 100
55 196.2 155.4 233.2
56 137.9 111.0 166.6

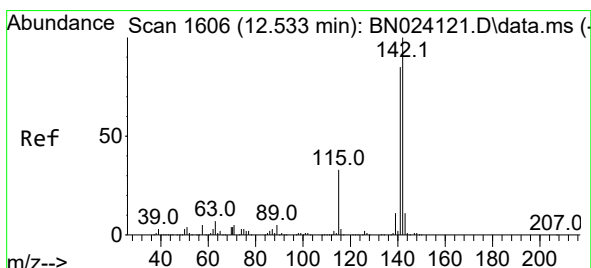
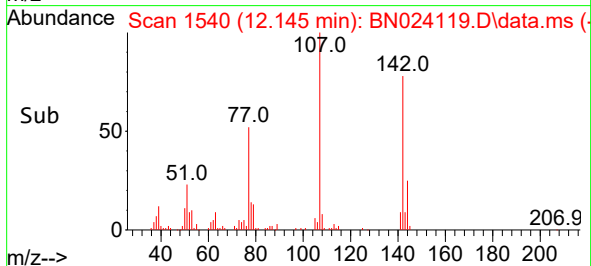
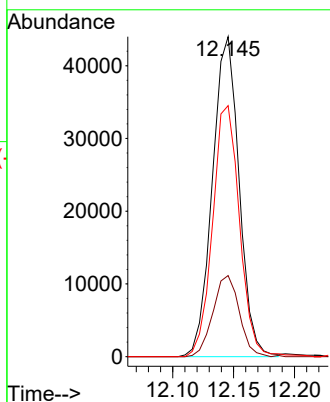
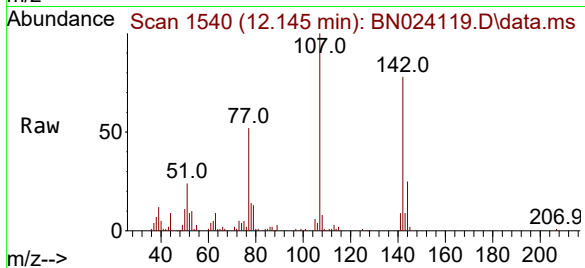




#35
4-Chloro-3-methylphenol
Concen: 4.479 ng/ul
RT: 12.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

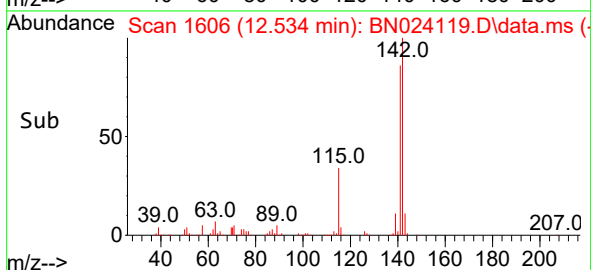
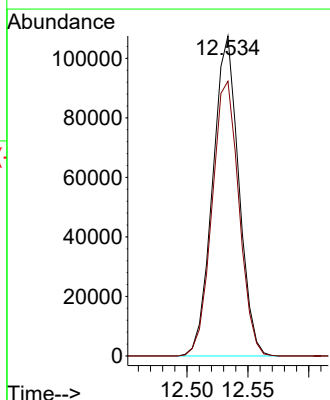
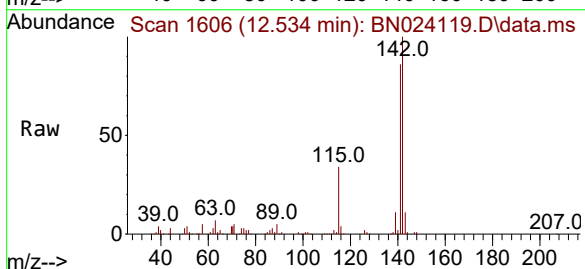
Instrument :
BNA_N
ClientSampleId :
SSTD005245

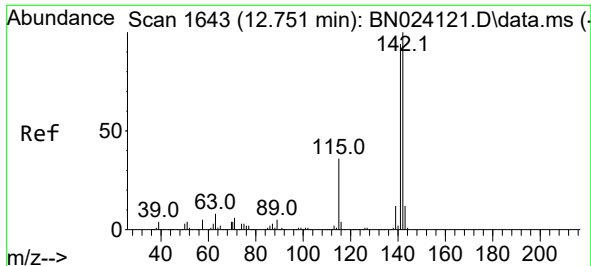
Tgt Ion:107 Resp: 67212
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 78.5 65.7 98.5



#36
2-Methylnaphthalene
Concen: 4.924 ng/ul
RT: 12.534 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:142 Resp: 160581
Ion Ratio Lower Upper
142 100
141 85.9 68.2 102.4

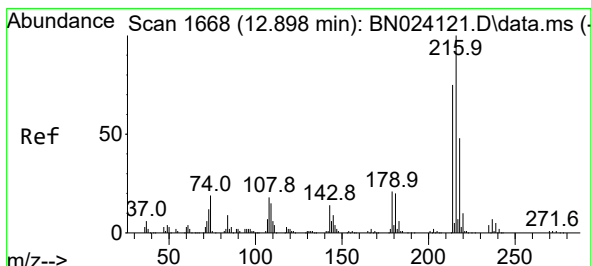
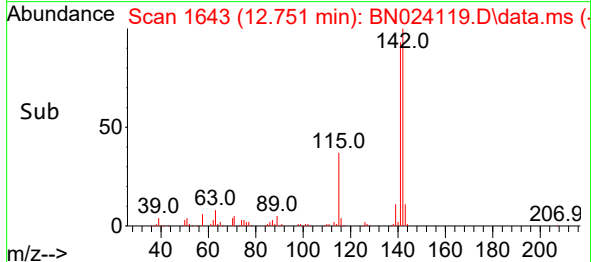
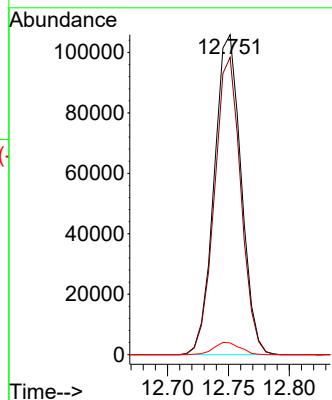
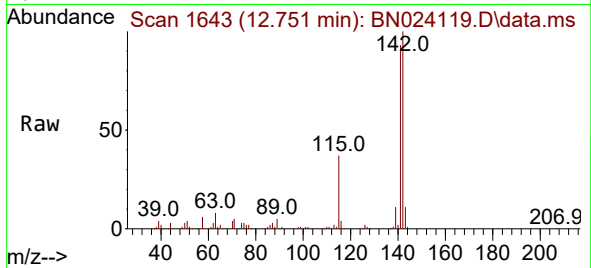




#37
1-Methylnaphthalene
Concen: 5.061 ng/ul
RT: 12.751 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

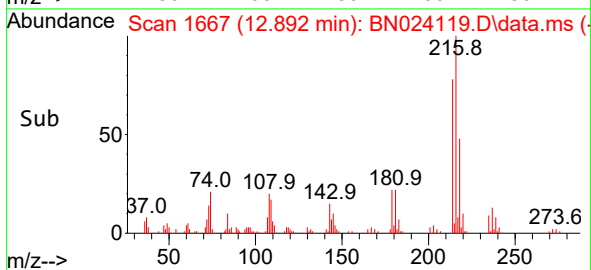
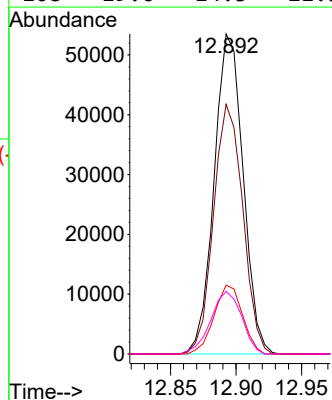
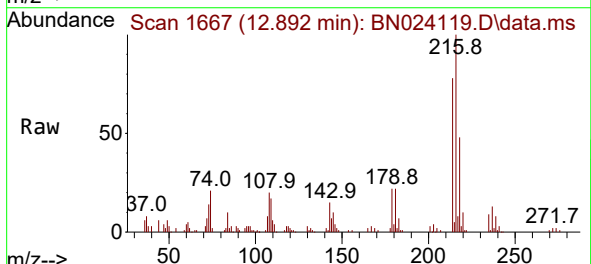
Instrument :
BNA_N
ClientSampleId :
SSTD005245

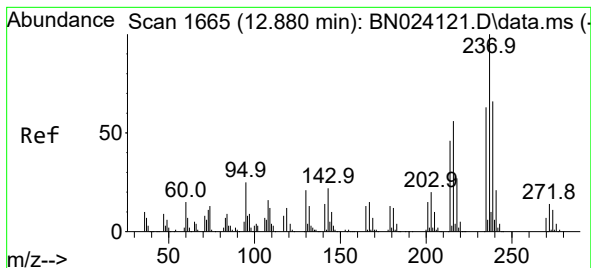
Tgt Ion:142 Resp: 163192
Ion Ratio Lower Upper
142 100
141 92.9 75.5 113.3
116 3.7 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.089 ng/ul
RT: 12.892 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:216 Resp: 82203
Ion Ratio Lower Upper
216 100
214 78.0 60.0 90.0
179 21.5 17.0 25.6
108 19.6 14.3 21.5





#40

Hexachlorocyclopentadiene

Concen: 2.762 ng/ul

RT: 12.881 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

SSTD005245

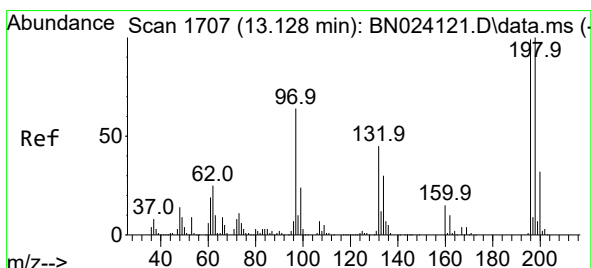
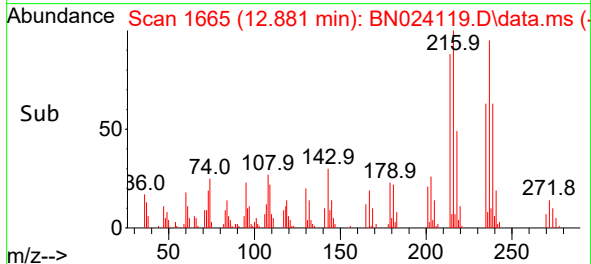
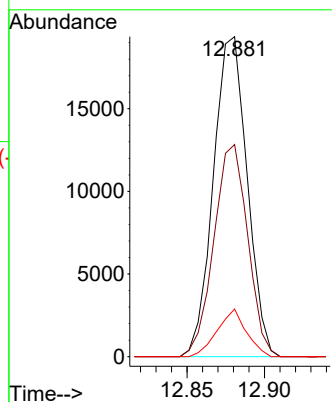
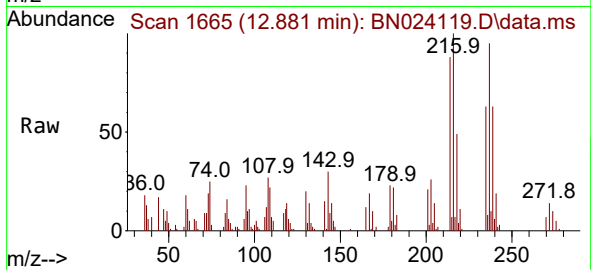
Tgt Ion:237 Resp: 29406

Ion Ratio Lower Upper

237 100

235 66.3 50.1 75.1

272 14.9 11.1 16.7



#41

2,4,6-Trichlorophenol

Concen: 3.687 ng/ul

RT: 13.128 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

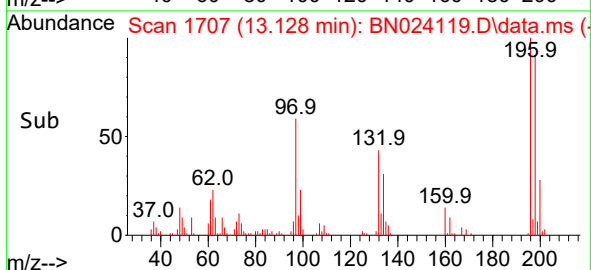
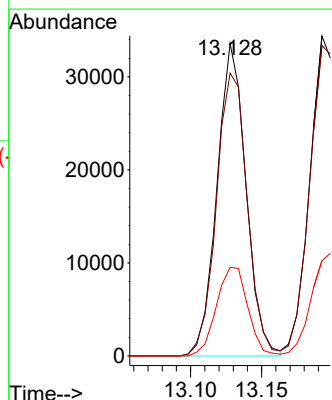
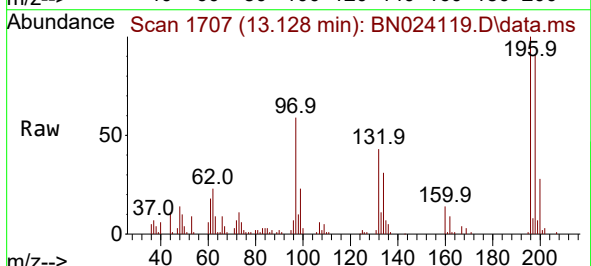
Tgt Ion:196 Resp: 47656

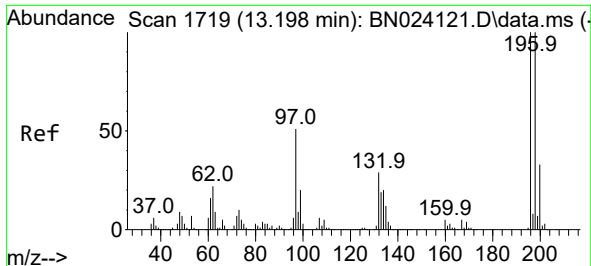
Ion Ratio Lower Upper

196 100

198 90.5 80.6 121.0

200 28.4 26.1 39.1





#42

2,4,5-Trichlorophenol

Concen: 3.643 ng/ul

RT: 13.192 min Scan# 1718

Delta R.T. -0.006 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

SSTD005245

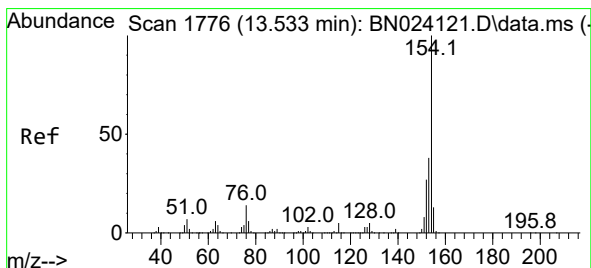
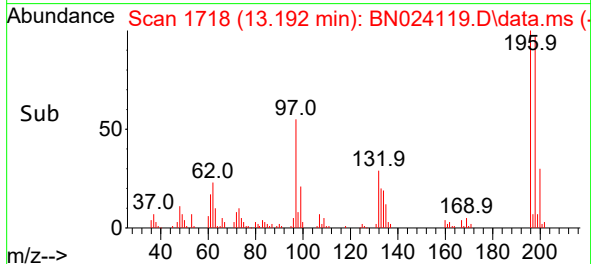
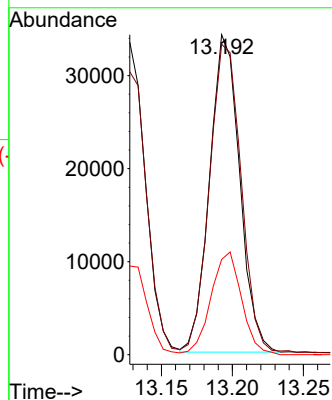
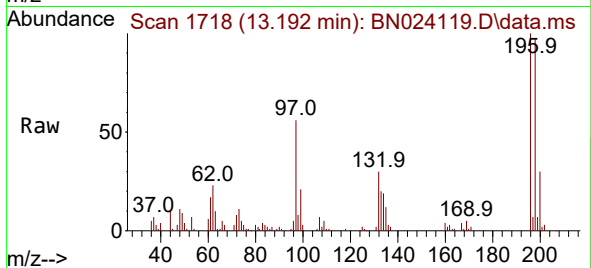
Tgt Ion:196 Resp: 50302

Ion Ratio Lower Upper

196 100

198 97.0 79.7 119.5

200 29.8 26.1 39.1



#43

1,1'-Biphenyl

Concen: 4.608 ng/ul

RT: 13.534 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

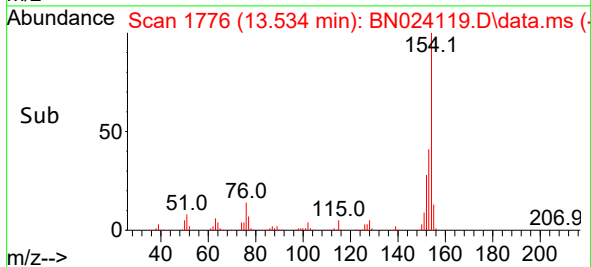
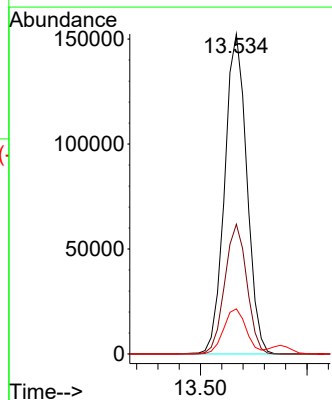
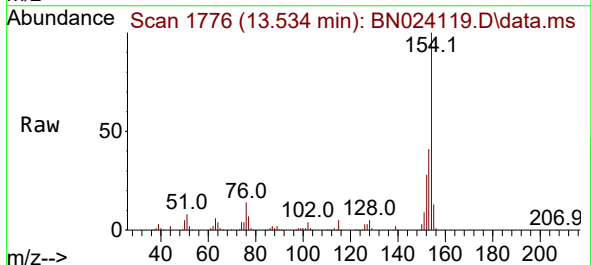
Tgt Ion:154 Resp: 219972

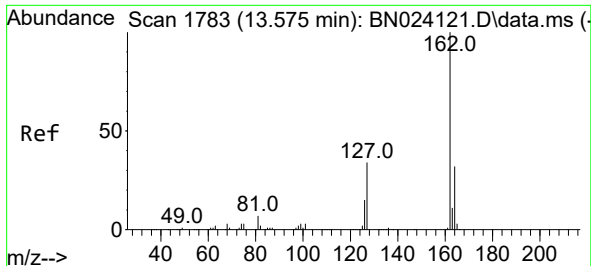
Ion Ratio Lower Upper

154 100

153 40.6 30.8 46.2

76 14.1 11.1 16.7

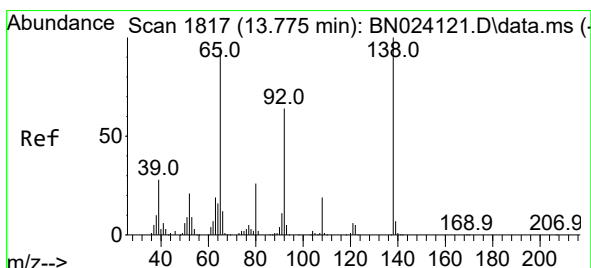
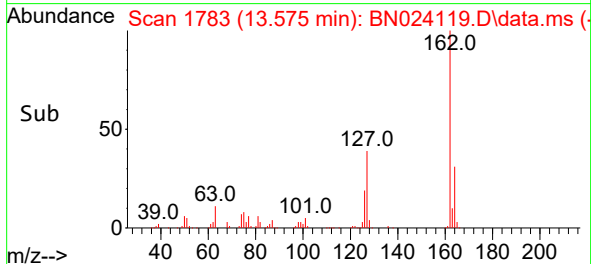
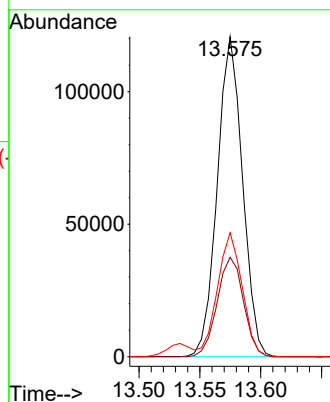
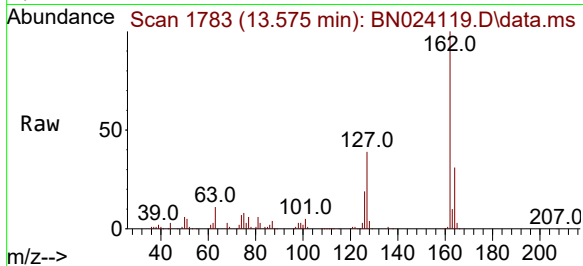




#44
2-Chloronaphthalene
Concen: 4.617 ng/ul
RT: 13.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

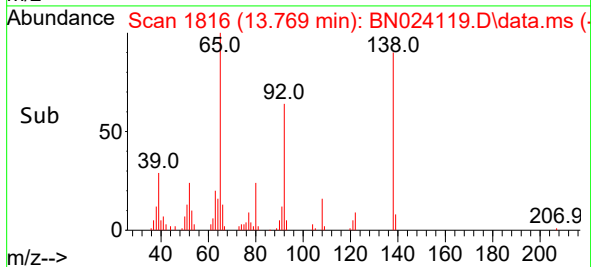
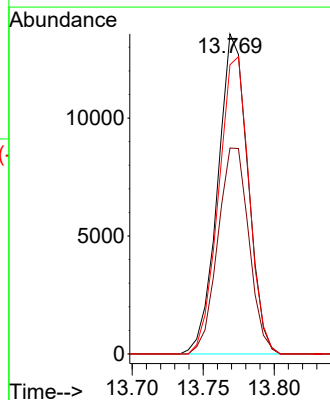
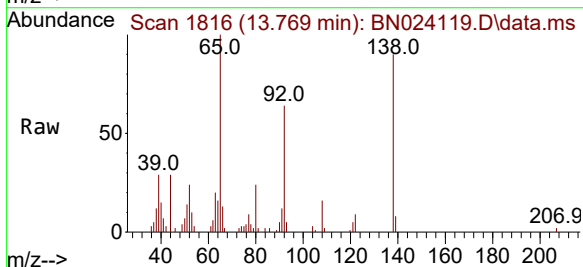
Instrument :
BNA_N
ClientSampleId :
SSTD005245

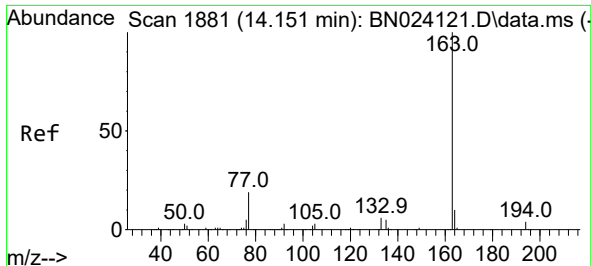
Tgt Ion:162 Resp: 174249
Ion Ratio Lower Upper
162 100
164 31.1 25.8 38.6
127 38.7 30.8 46.2



#45
2-Nitroaniline
Concen: 2.871 ng/ul
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion: 65 Resp: 20019
Ion Ratio Lower Upper
65 100
92 64.4 53.8 80.8
138 90.3 84.1 126.1

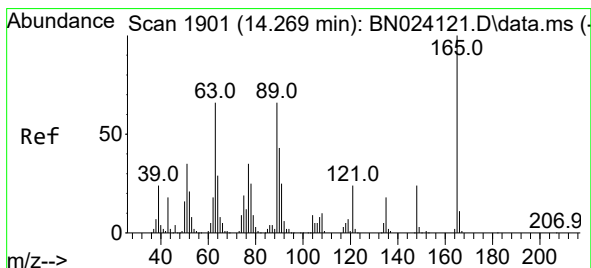
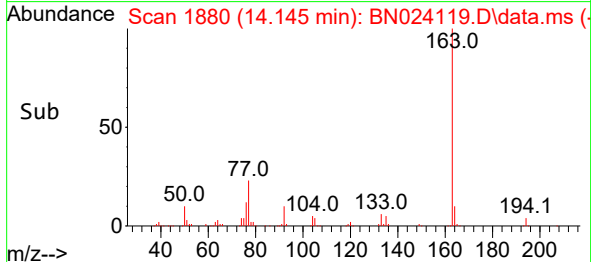
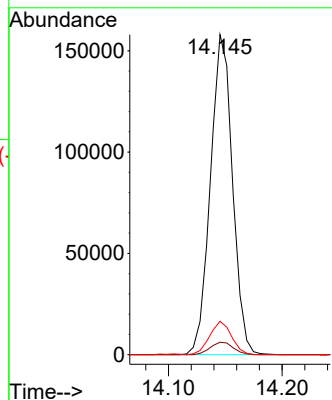
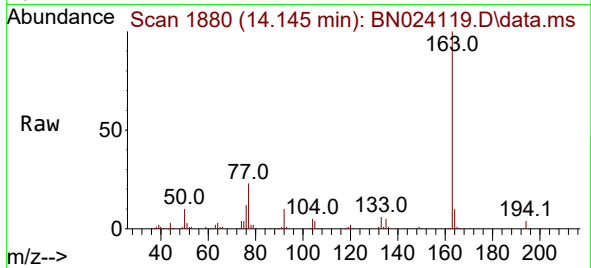




#47
Dimethylphthalate
Concen: 4.810 ng/ul
RT: 14.145 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

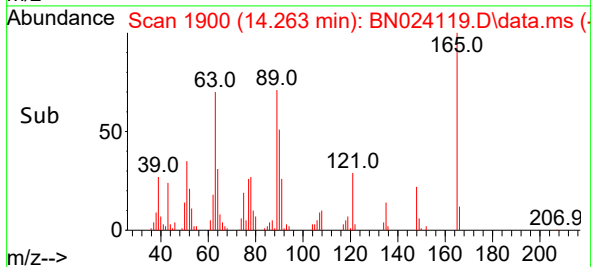
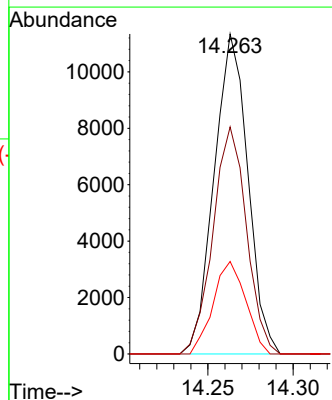
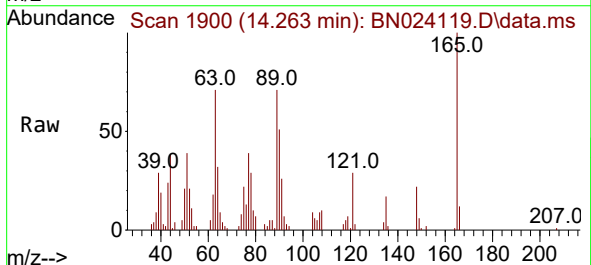
Instrument :
BNA_N
ClientSampleId :
SSTD005245

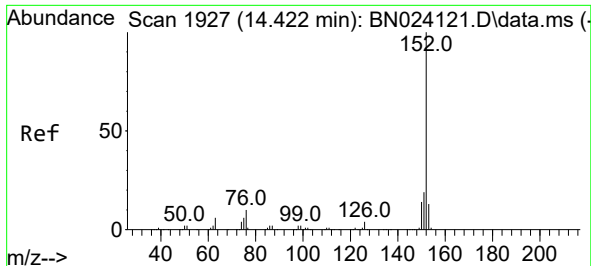
Tgt Ion:163 Resp: 213223
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 2.573 ng/ul
RT: 14.263 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:165 Resp: 15597
Ion Ratio Lower Upper
165 100
89 70.9 52.6 78.8
121 28.9 19.4 29.2

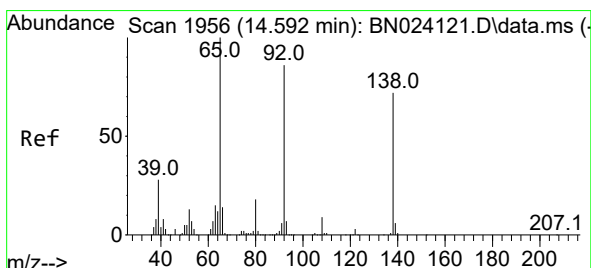
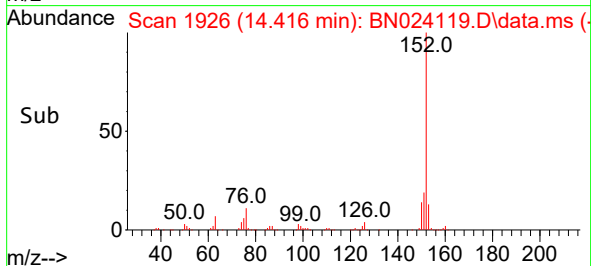
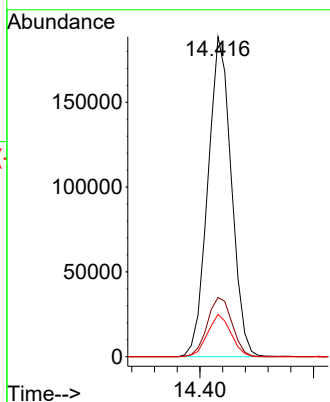
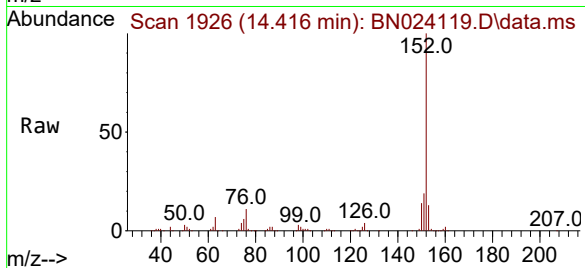




#50
Acenaphthylene
Concen: 4.743 ng/ul
RT: 14.416 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

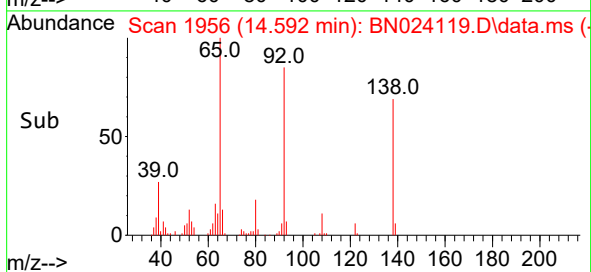
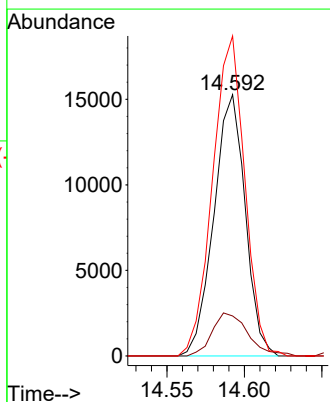
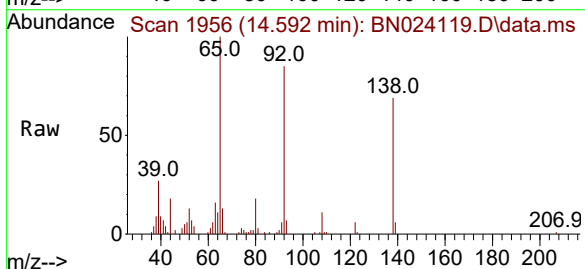
Instrument :
BNA_N
ClientSampleId :
SSTD005245

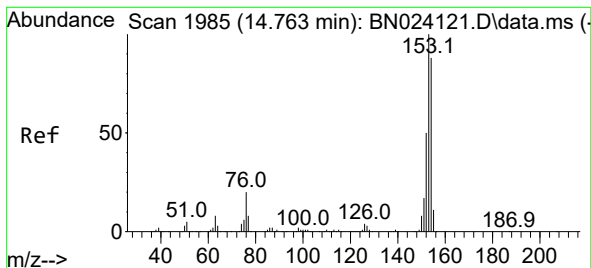
Tgt Ion:152 Resp: 270977
Ion Ratio Lower Upper
152 100
151 18.5 15.6 23.4
153 13.2 10.1 15.1



#51
3-Nitroaniline
Concen: 2.970 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:138 Resp: 21512
Ion Ratio Lower Upper
138 100
108 15.3 9.6 14.4#
92 122.5 95.3 142.9





#52

Acenaphthene

Concen: 4.795 ng/ul

RT: 14.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

SSTD005245

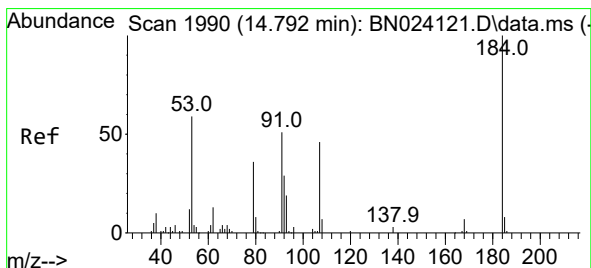
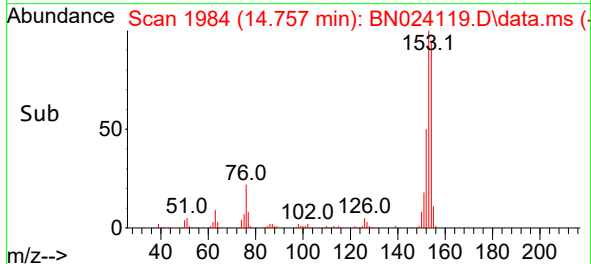
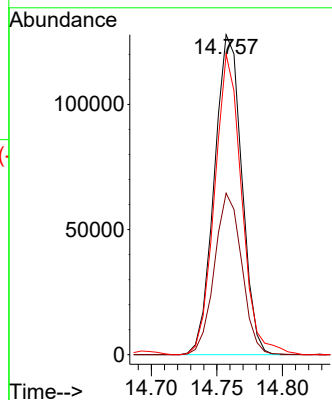
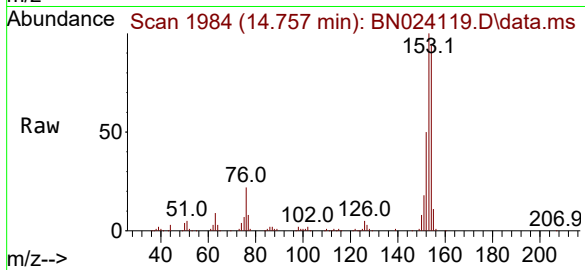
Tgt Ion:153 Resp: 186250

Ion Ratio Lower Upper

153 100

152 50.5 39.7 59.5

154 93.8 70.6 106.0



#53

2,4-Dinitrophenol

Concen: 2.047 ng/ul

RT: 14.792 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

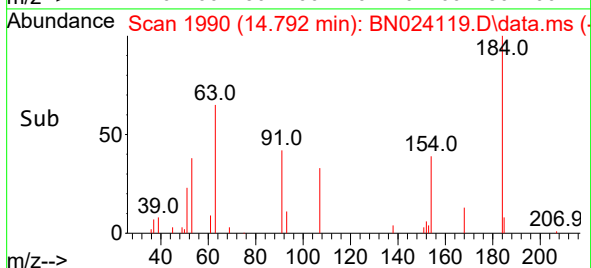
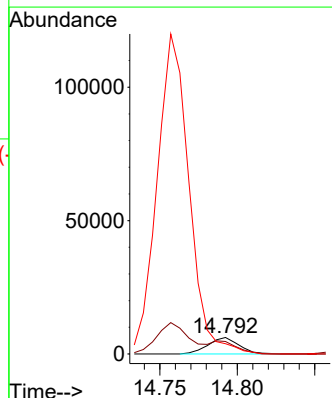
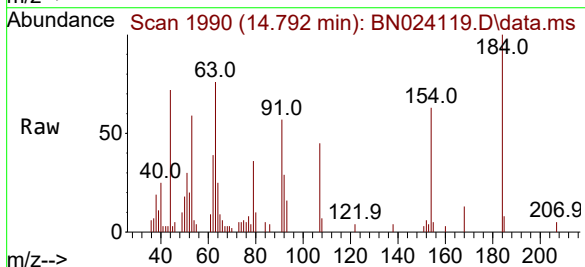
Tgt Ion:184 Resp: 8566

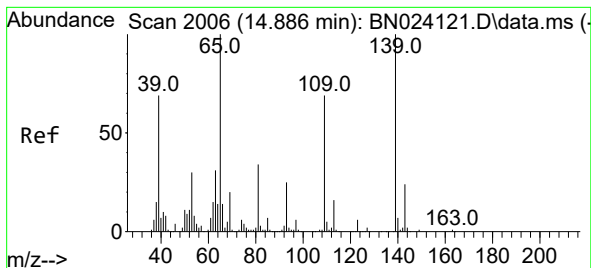
Ion Ratio Lower Upper

184 100

63 76.1 61.6 92.4

154 62.5 50.2 75.4





#55

4-Nitrophenol

Concen: 3.760 ng/ul

RT: 14.881 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

SSTD005245

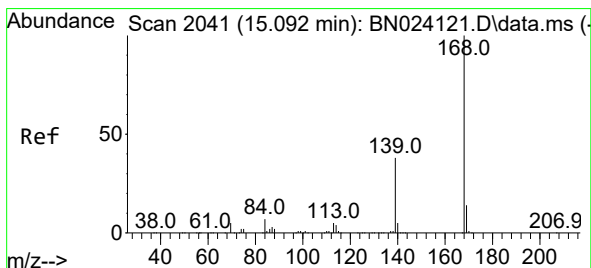
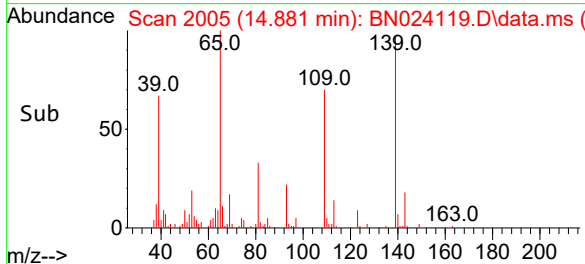
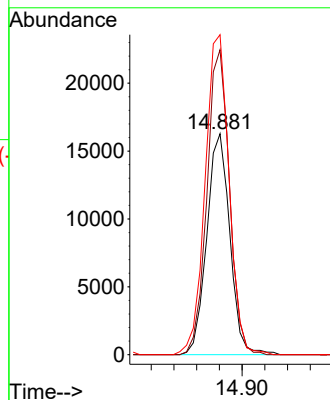
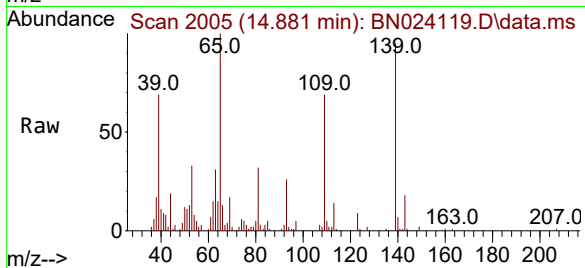
Tgt Ion:109 Resp: 22973

Ion Ratio Lower Upper

109 100

139 138.0 115.0 172.4

65 144.9 115.7 173.5



#56

Dibenzofuran

Concen: 4.864 ng/ul

RT: 15.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BN024119.D

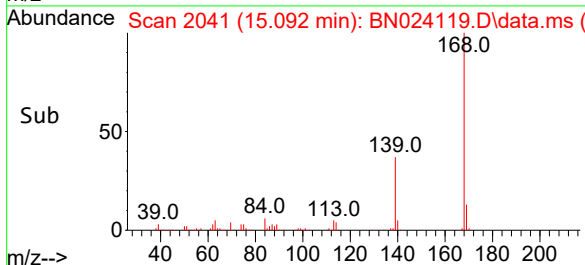
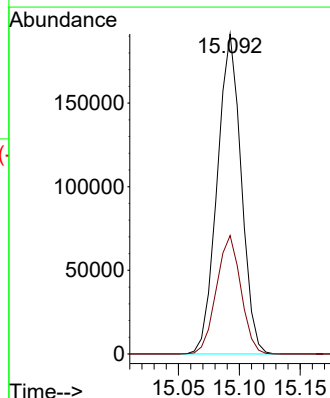
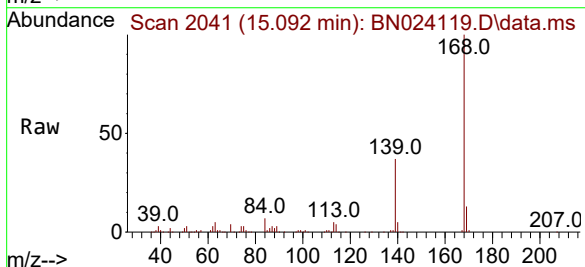
Acq: 03 Mar 2023 09:14

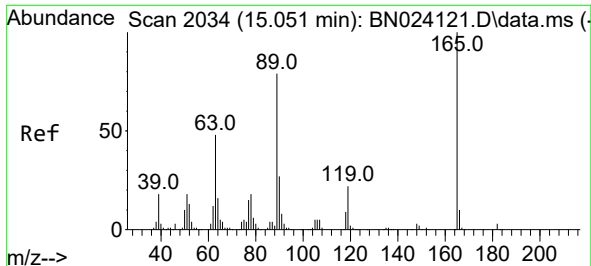
Tgt Ion:168 Resp: 262391

Ion Ratio Lower Upper

168 100

139 37.0 30.7 46.1





#57

2,4-Dinitrotoluene

Concen: 3.199 ng/ul

RT: 15.045 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

SSTD005245

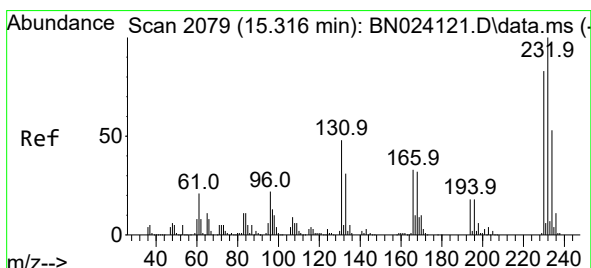
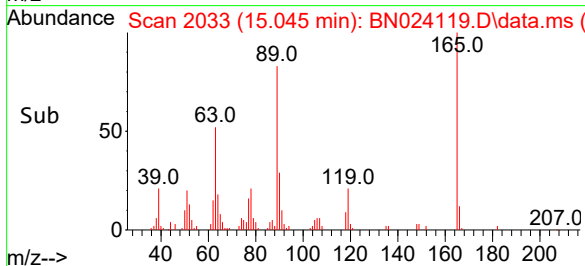
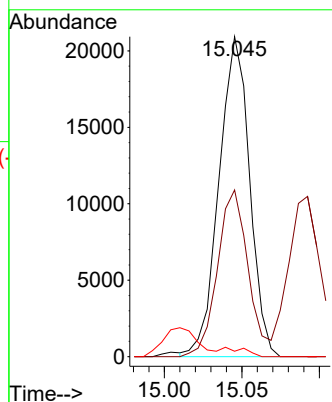
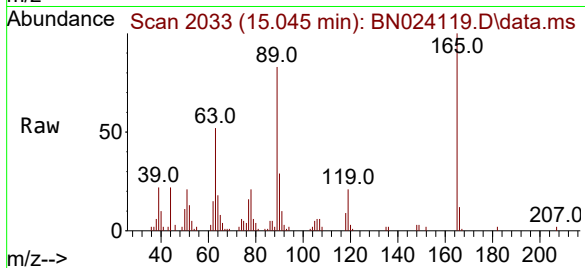
Tgt Ion:165 Resp: 28691

Ion Ratio Lower Upper

165 100

63 52.1 38.5 57.7

182 1.7 2.2 3.4#



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.879 ng/ul

RT: 15.310 min Scan# 2078

Delta R.T. -0.006 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Tgt Ion:232 Resp: 44548

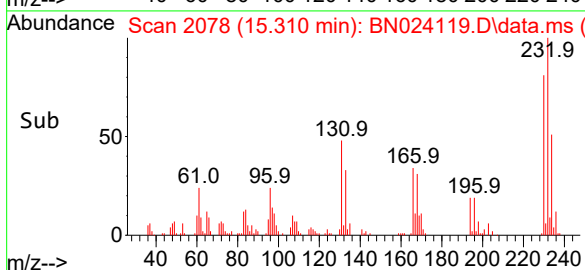
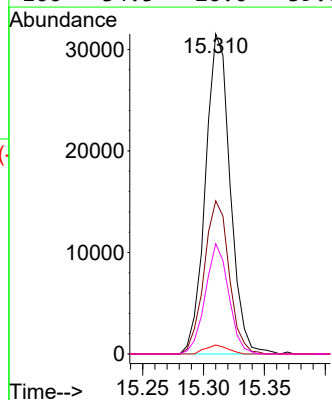
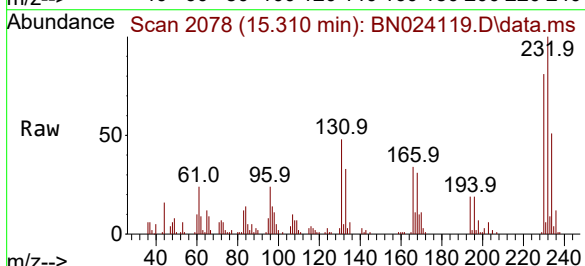
Ion Ratio Lower Upper

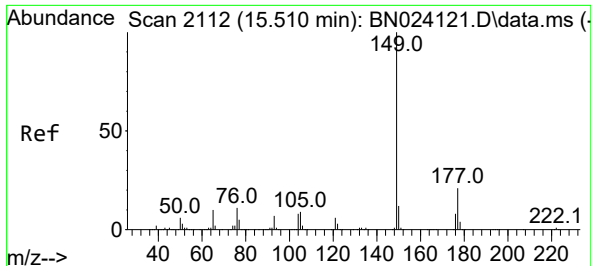
232 100

131 47.9 38.5 57.7

130 2.8 2.0 3.0

166 34.5 26.0 39.0

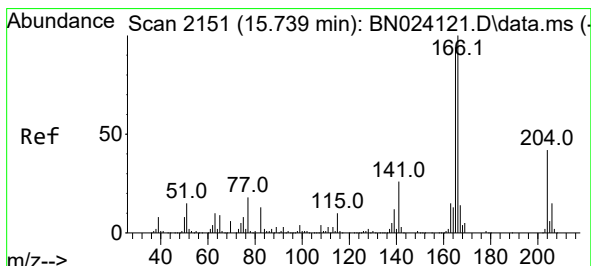
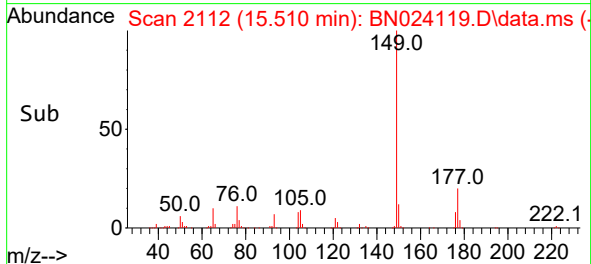
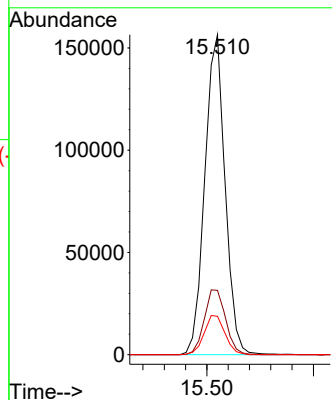
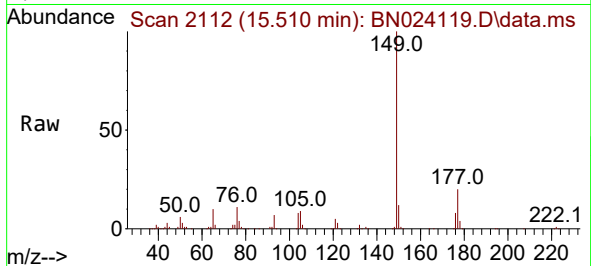




#59
Diethylphthalate
Concen: 4.842 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

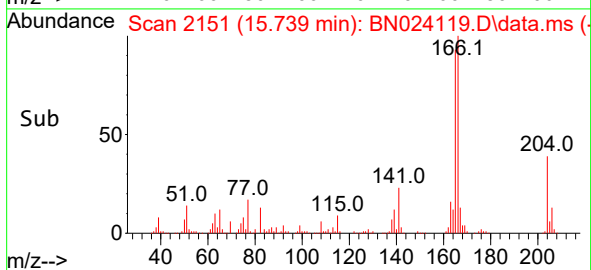
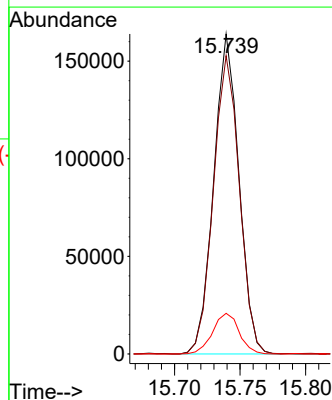
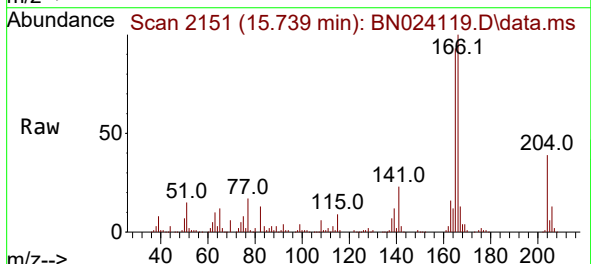
Instrument :
BNA_N
ClientSampleId :
SSTD005245

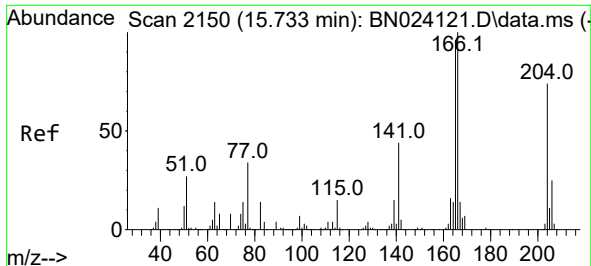
Tgt Ion:149 Resp: 206969
Ion Ratio Lower Upper
149 100
177 20.1 16.9 25.3
150 12.0 9.7 14.5



#61
Fluorene
Concen: 5.137 ng/ul
RT: 15.739 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:166 Resp: 219181
Ion Ratio Lower Upper
166 100
165 93.2 75.6 113.4
167 12.7 11.2 16.8

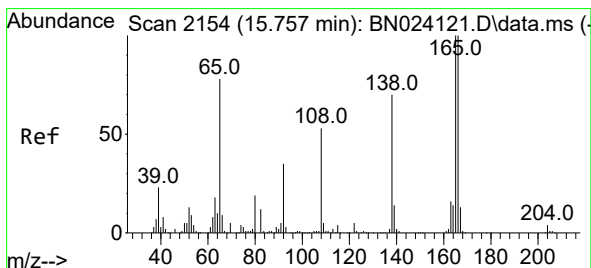
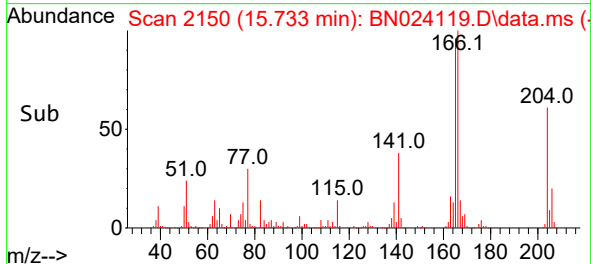
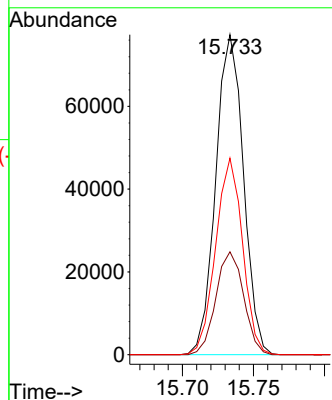
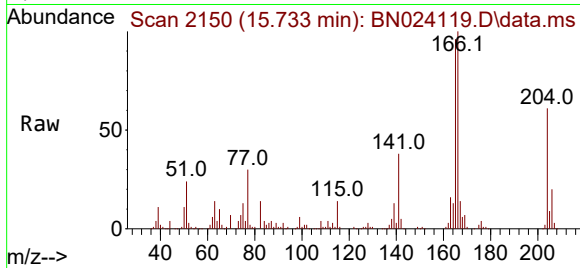




#62
4-Chlorophenyl-phenylether
Concen: 4.855 ng/ul
RT: 15.733 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

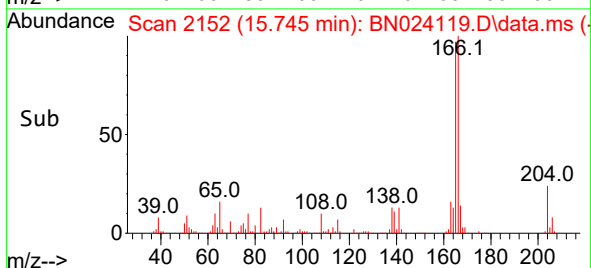
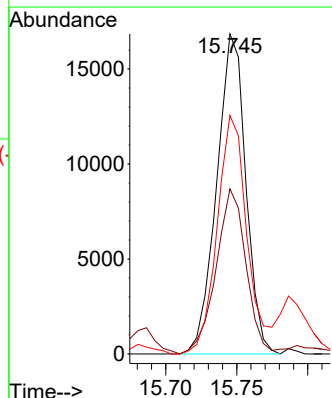
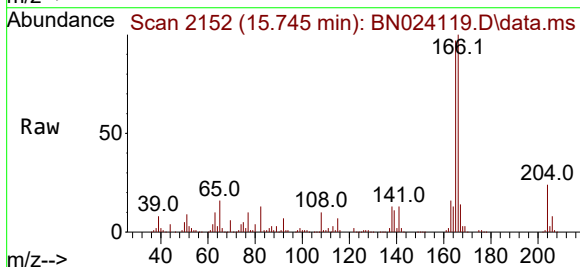
Instrument :
BNA_N
ClientSampleId :
SSTD005245

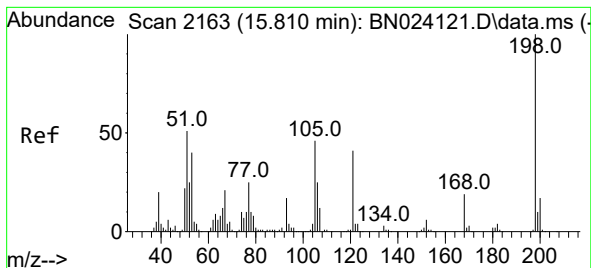
Tgt Ion:204 Resp: 104983
Ion Ratio Lower Upper
204 100
206 32.2 27.1 40.7
141 61.4 47.4 71.0



#63
4-Nitroaniline
Concen: 3.720 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:138 Resp: 24028
Ion Ratio Lower Upper
138 100
92 51.6 40.0 60.0
108 74.5 60.4 90.6

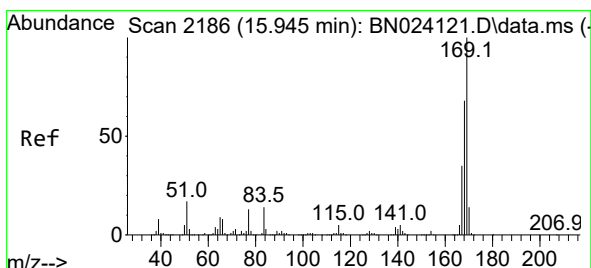
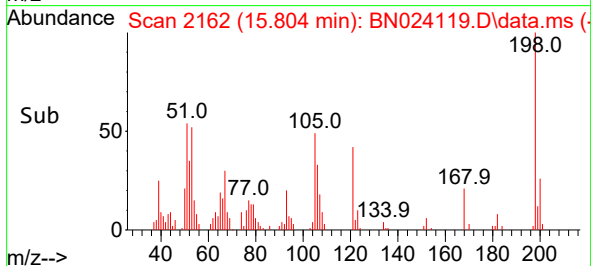
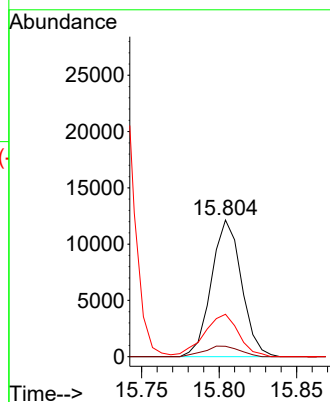
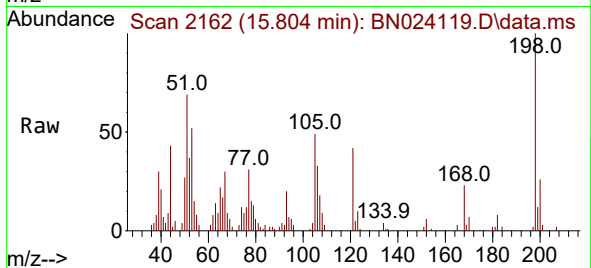




#66
4,6-Dinitro-2-methylphenol
Concen: 2.618 ng/ul
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

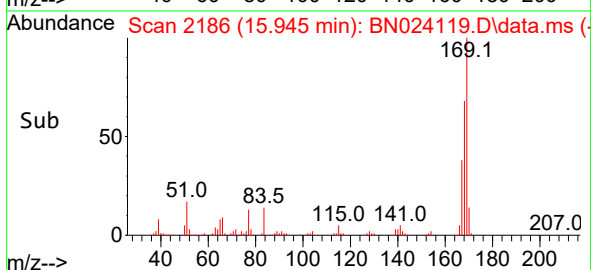
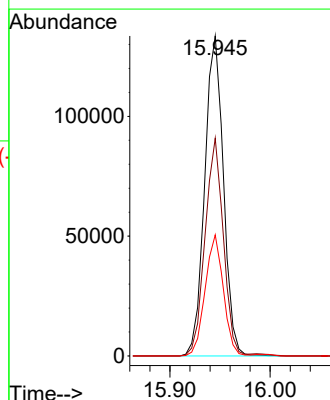
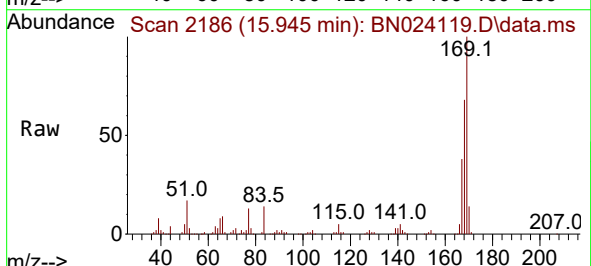
Instrument :
BNA_N
ClientSampleId :
SSTD005245

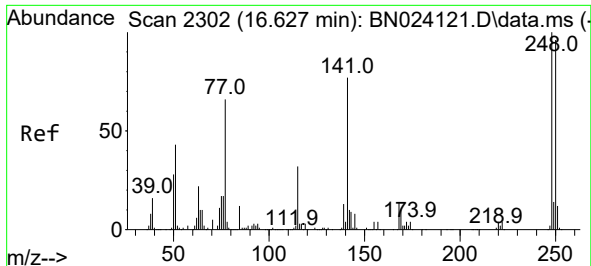
Tgt Ion:198 Resp: 16415
Ion Ratio Lower Upper
198 100
182 7.6 3.4 5.0#
77 31.1 20.4 30.6#



#67
N-Nitrosodiphenylamine
Concen: 4.601 ng/ul
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:169 Resp: 174108
Ion Ratio Lower Upper
169 100
168 68.1 54.5 81.7
167 37.9 28.3 42.5

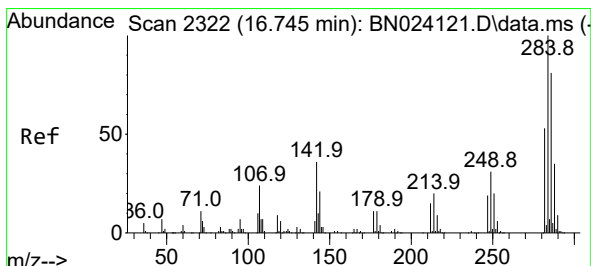
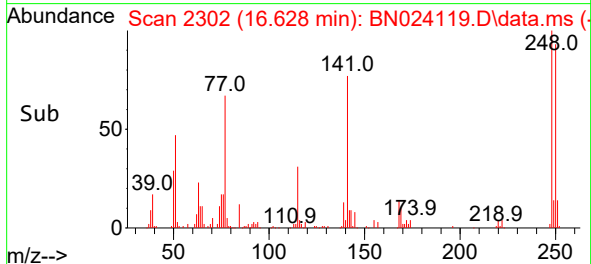
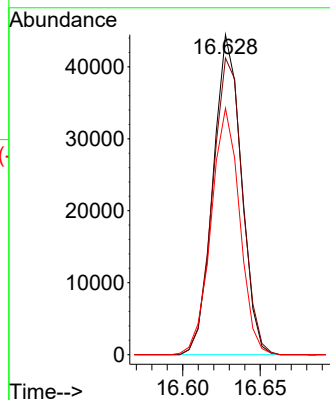
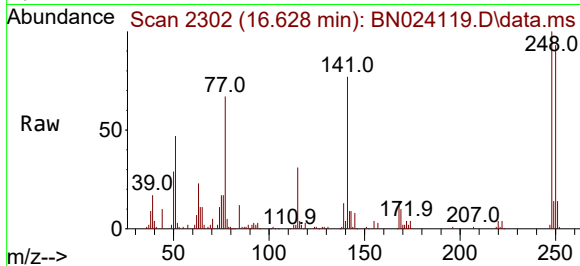




#68
4-Bromophenyl-phenylether
Concen: 3.967 ng/ul
RT: 16.628 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

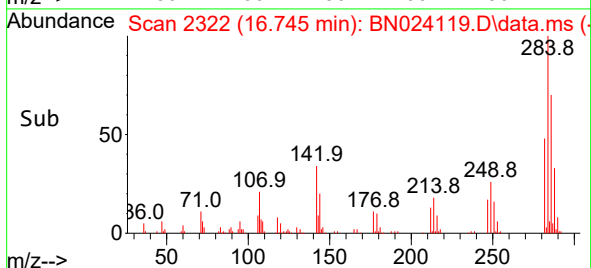
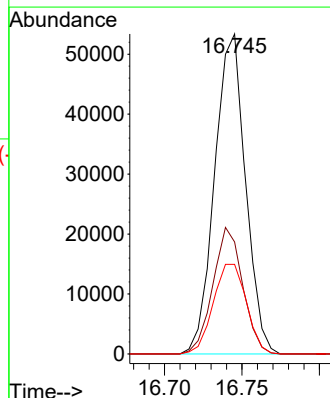
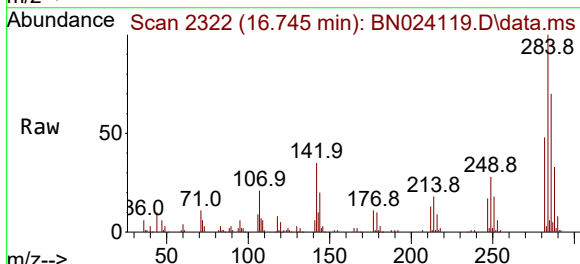
Instrument :
BNA_N
ClientSampleId :
SSTD005245

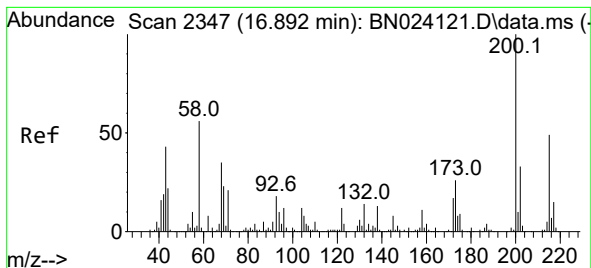
Tgt Ion:248 Resp: 56384
Ion Ratio Lower Upper
248 100
250 92.7 76.6 115.0
141 77.0 61.4 92.0



#69
Hexachlorobenzene
Concen: 4.488 ng/ul
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:284 Resp: 73966
Ion Ratio Lower Upper
284 100
142 35.0 29.0 43.6
249 28.0 25.0 37.6





#70

Atrazine

Concen: 3.748 ng/ul

RT: 16.892 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

SSTD005245

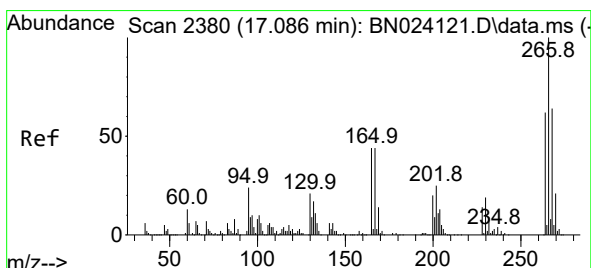
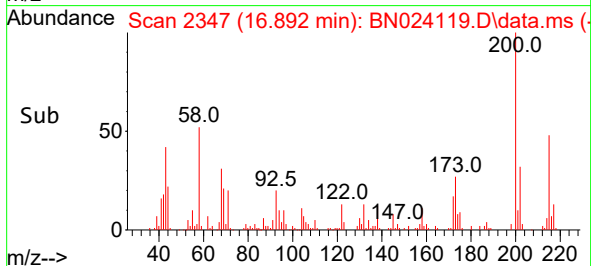
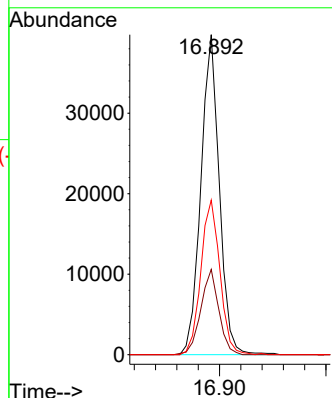
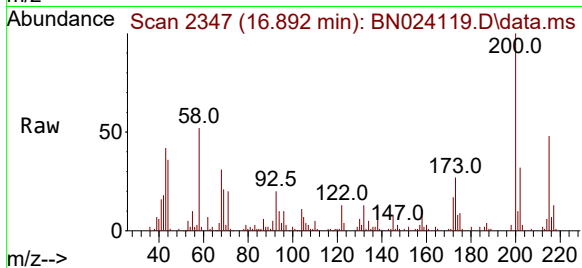
Tgt Ion:200 Resp: 47883

Ion Ratio Lower Upper

200 100

173 26.6 20.7 31.1

215 48.3 38.8 58.2



#71

Pentachlorophenol

Concen: 3.389 ng/ul

RT: 17.086 min Scan# 2380

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

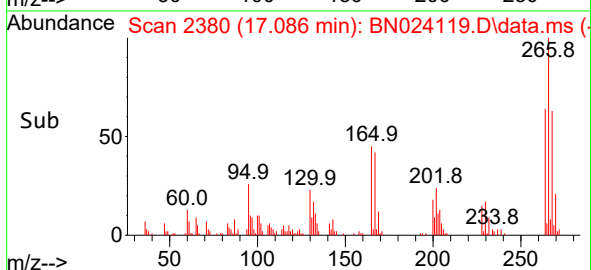
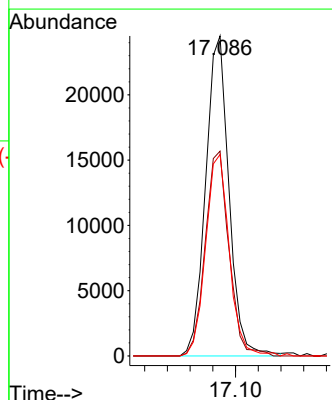
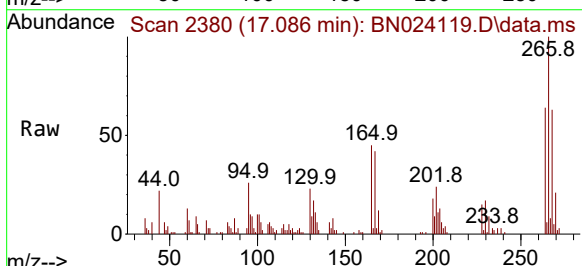
Tgt Ion:266 Resp: 34932

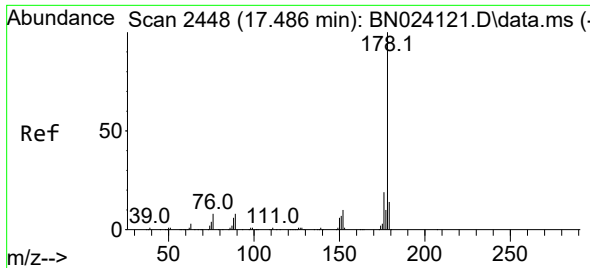
Ion Ratio Lower Upper

266 100

264 64.0 49.5 74.3

268 63.0 51.3 76.9

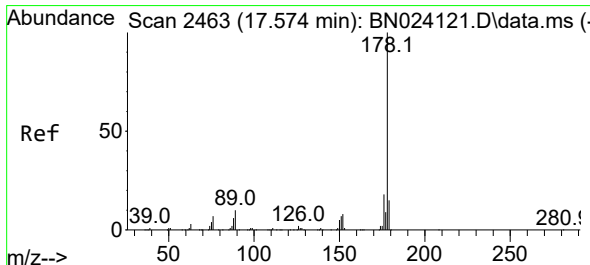
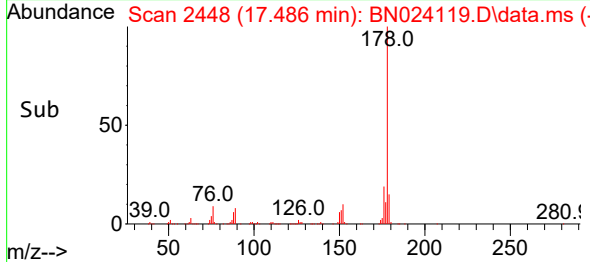
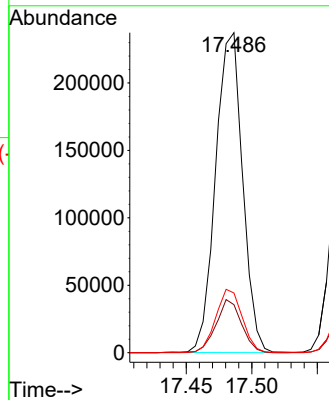
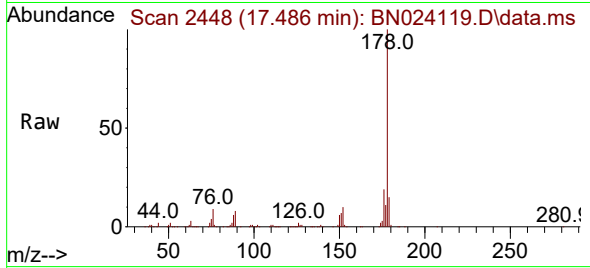




#72
Phenanthrene
Concen: 4.826 ng/ul
RT: 17.486 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

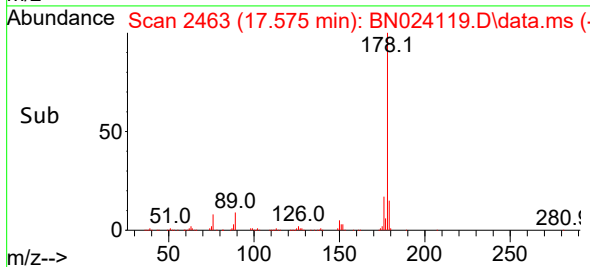
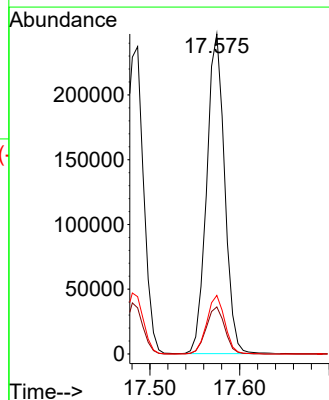
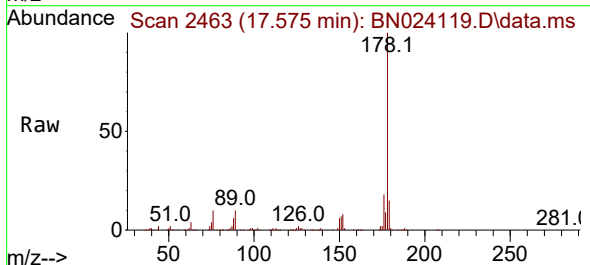
Instrument :
BNA_N
ClientSampleId :
SSTD005245

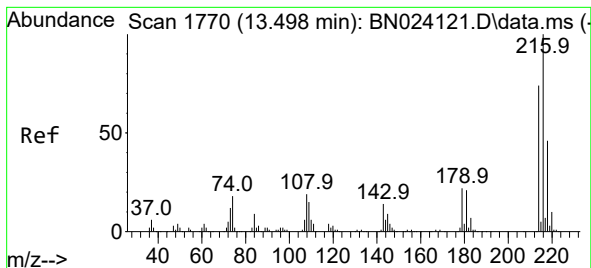
Tgt Ion:178 Resp: 338896
Ion Ratio Lower Upper
178 100
179 15.0 11.6 17.4
176 18.7 14.9 22.3



#74
Anthracene
Concen: 4.838 ng/ul
RT: 17.575 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:178 Resp: 342490
Ion Ratio Lower Upper
178 100
179 14.7 11.9 17.9
176 18.3 14.6 21.8

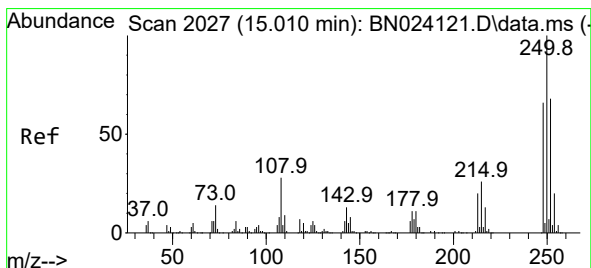
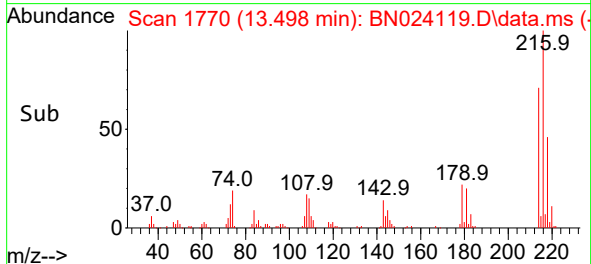
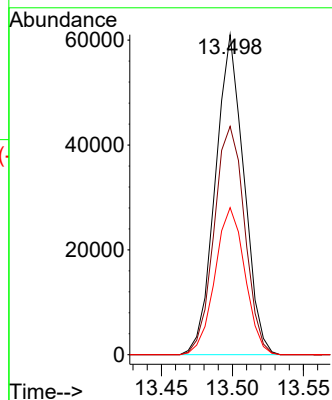
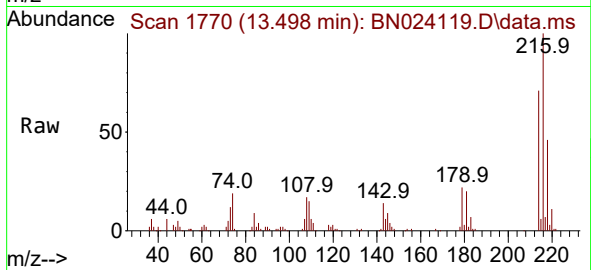




#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.959 ng/uL
RT: 13.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

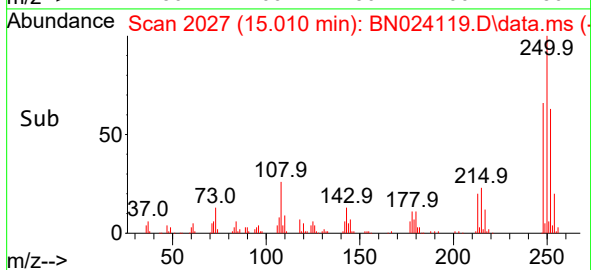
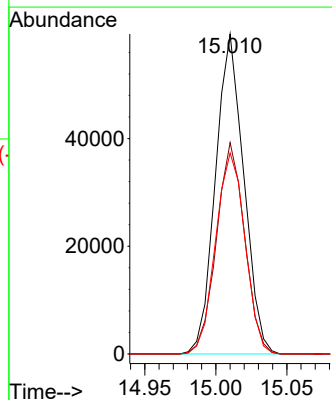
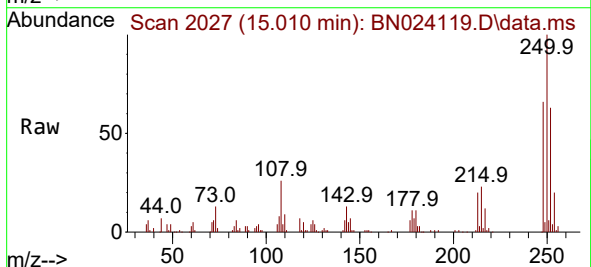
Instrument :
BNA_N
ClientSampleId :
SSTD005245

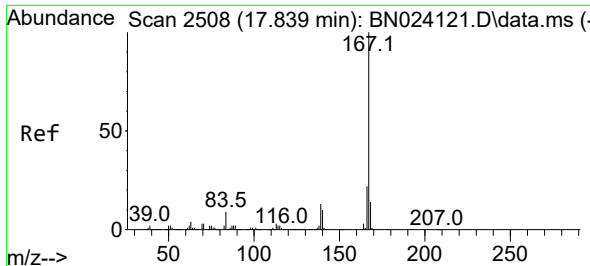
Tgt Ion:216 Resp: 85319
Ion Ratio Lower Upper
216 100
214 71.3 59.6 89.4
218 45.9 37.0 55.4



#76
Pentachlorobenzene
Concen: 4.116 ng/uL
RT: 15.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:250 Resp: 82339
Ion Ratio Lower Upper
250 100
248 66.0 53.0 79.4
252 62.8 54.6 81.8

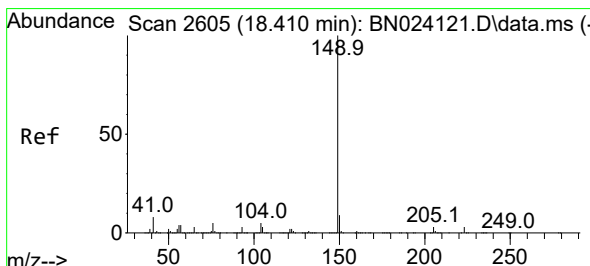
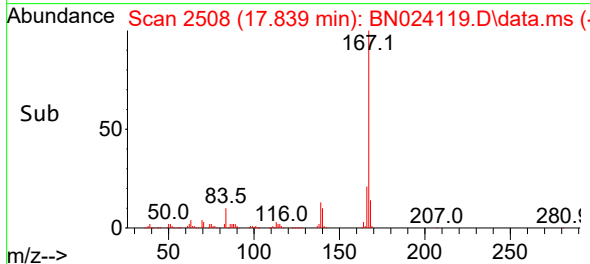
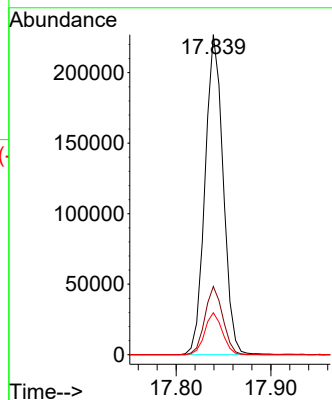
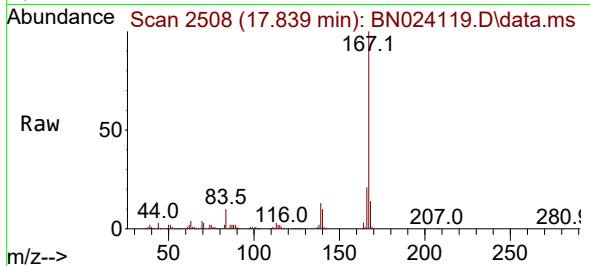




#77
 Carbazole
 Concen: 4.944 ng/ul
 RT: 17.839 min Scan# 2508
 Delta R.T. 0.000 min
 Lab File: BN024119.D
 Acq: 03 Mar 2023 09:14

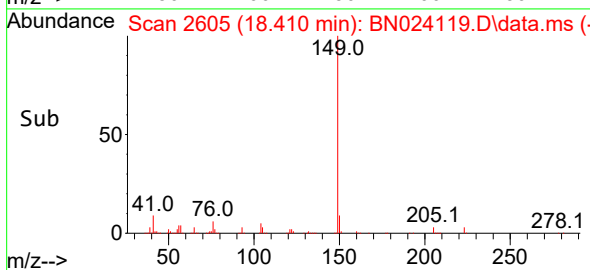
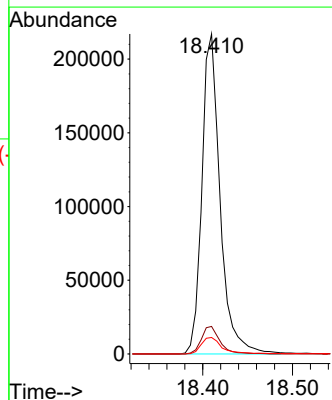
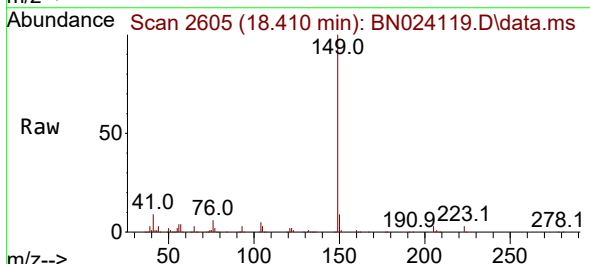
Instrument :
 BNA_N
 ClientSampleId :
 SST005245

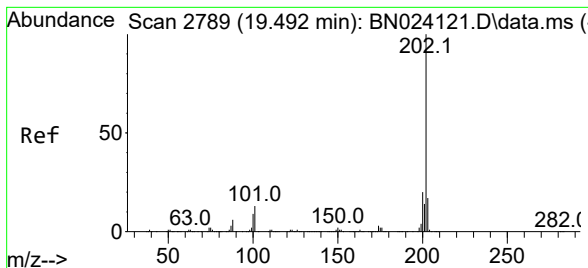
Tgt Ion:167 Resp: 301881
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 13.1 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 4.375 ng/ul
 RT: 18.410 min Scan# 2605
 Delta R.T. 0.000 min
 Lab File: BN024119.D
 Acq: 03 Mar 2023 09:14

Tgt Ion:149 Resp: 305410
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.0
 104 5.2 4.0 6.0





#80

Fluoranthene

Concen: 4.442 ng/ul

RT: 19.492 min Scan# 2789

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

SSTD005245

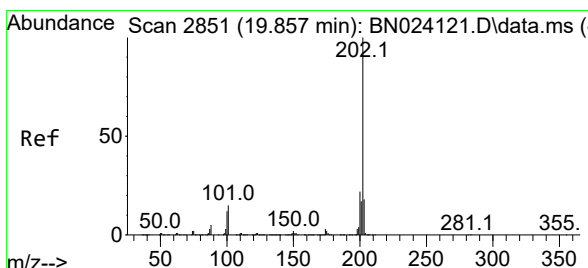
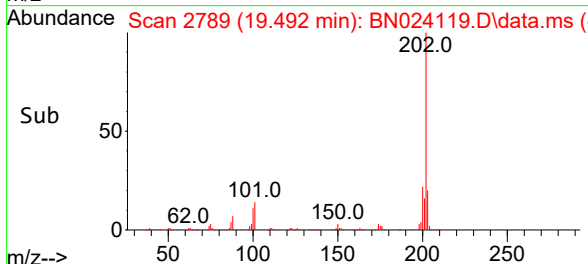
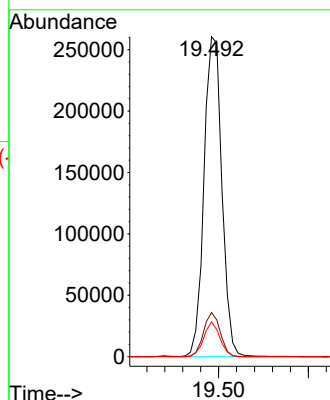
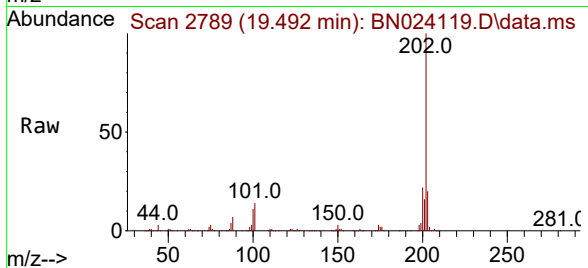
Tgt Ion:202 Resp: 359922

Ion Ratio Lower Upper

202 100

101 13.8 10.0 15.0

100 10.9 7.6 11.4



#82

Pyrene

Concen: 4.944 ng/ul

RT: 19.857 min Scan# 2851

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

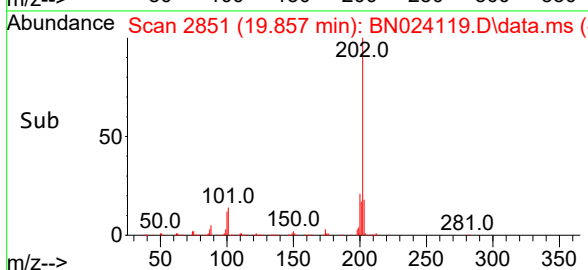
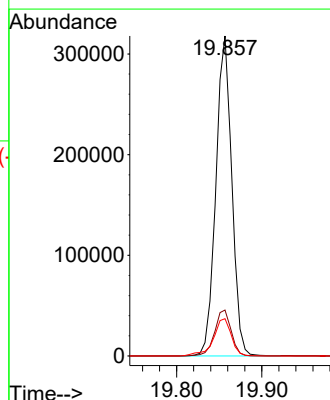
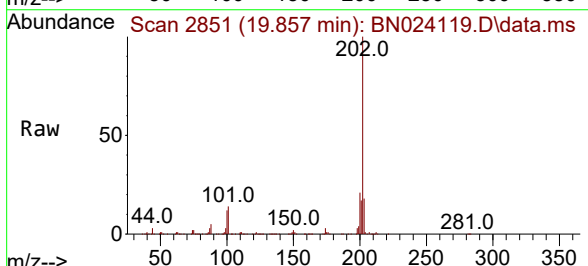
Tgt Ion:202 Resp: 412772

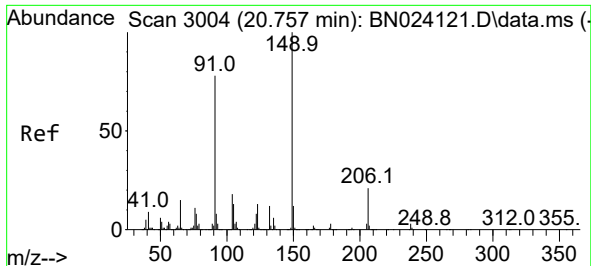
Ion Ratio Lower Upper

202 100

101 14.3 11.9 17.9

100 11.7 9.9 14.9

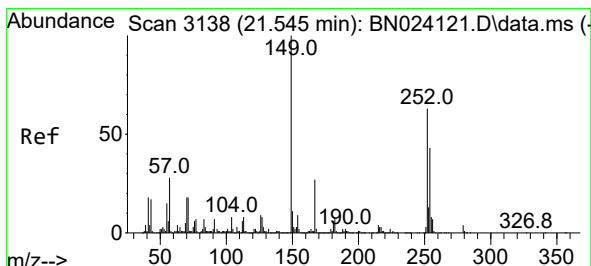
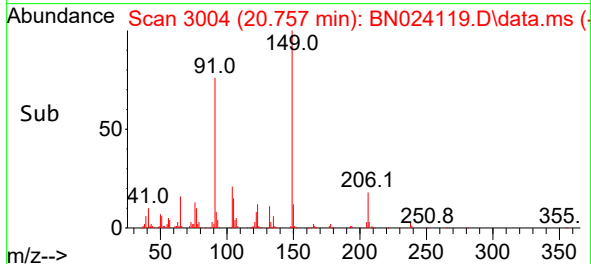
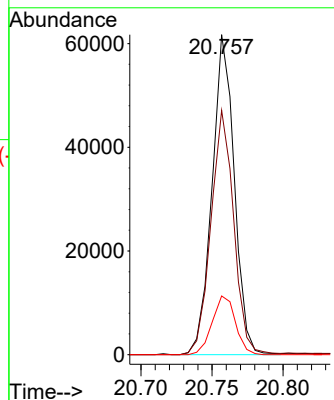
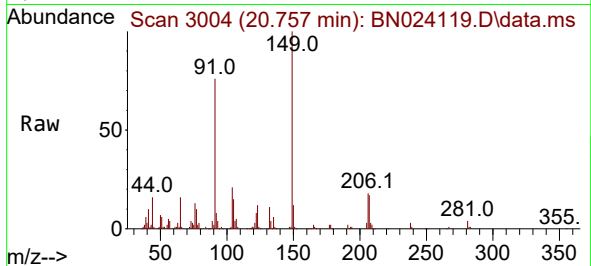




#83
Butylbenzylphthalate
Concen: 5.231 ng/ul
RT: 20.757 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

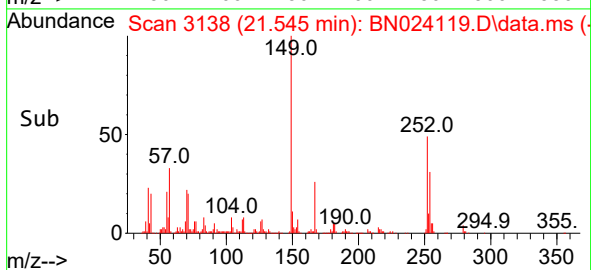
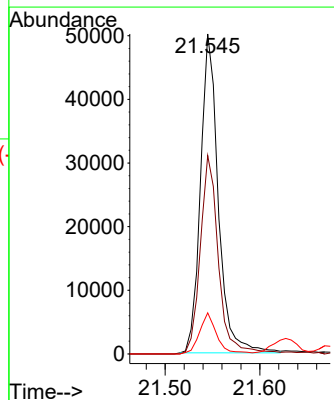
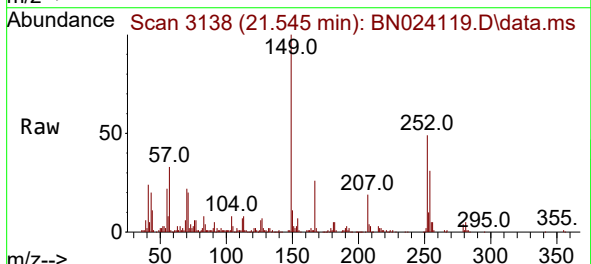
Instrument :
BNA_N
ClientSampleId :
SSTD005245

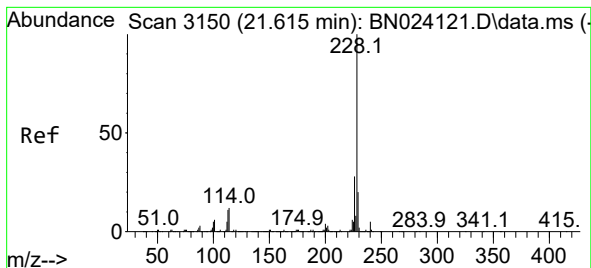
Tgt Ion:149 Resp: 67160
Ion Ratio Lower Upper
149 100
91 76.4 62.2 93.2
206 18.3 16.4 24.6



#84
3,3'-Dichlorobenzidine
Concen: 2.705 ng/ul
RT: 21.545 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:252 Resp: 65617
Ion Ratio Lower Upper
252 100
254 62.0 54.6 81.8
126 12.9 11.0 16.6





#85

Benzo(a)anthracene

Concen: 4.524 ng/ul

RT: 21.616 min Scan# 3150

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

SSTD005245

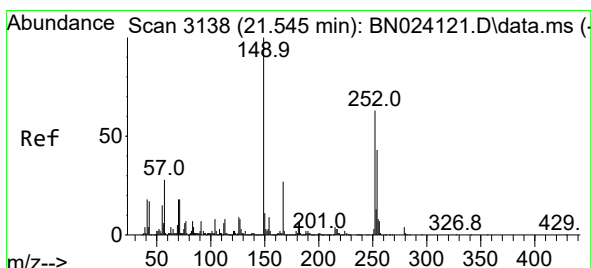
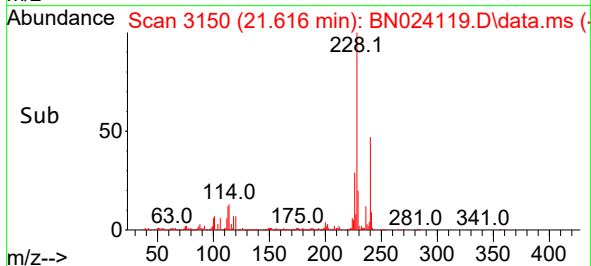
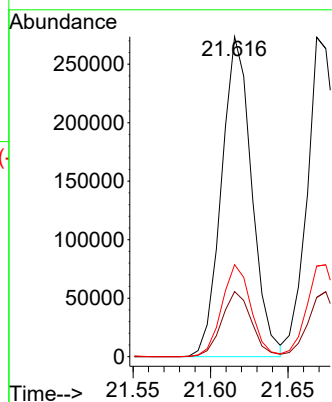
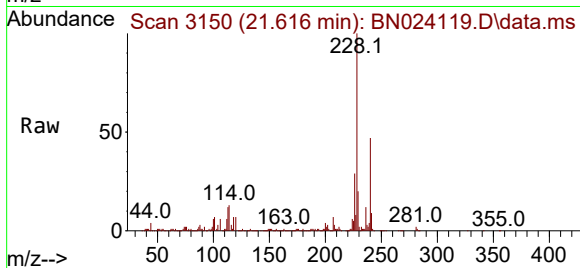
Tgt Ion:228 Resp: 370682

Ion Ratio Lower Upper

228 100

229 20.3 16.3 24.5

226 28.7 22.6 34.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.920 ng/ul

RT: 21.545 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

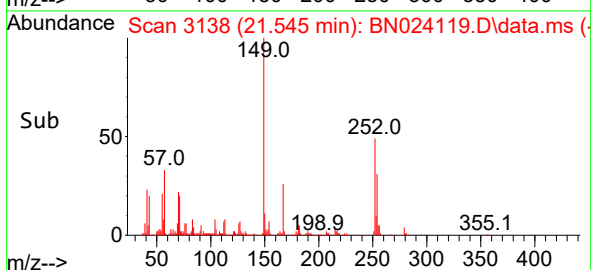
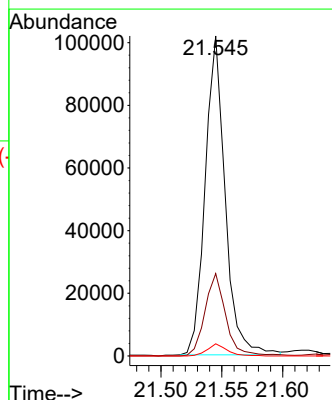
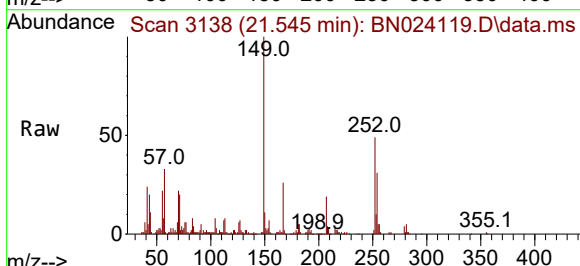
Tgt Ion:149 Resp: 116208

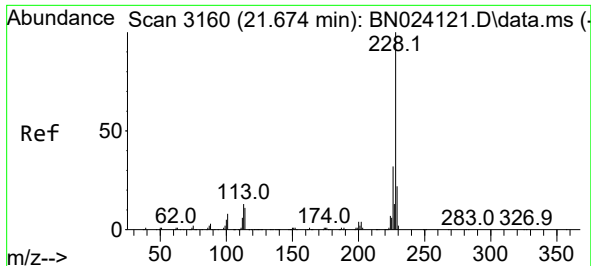
Ion Ratio Lower Upper

149 100

167 25.8 21.6 32.4

279 3.8 3.4 5.2

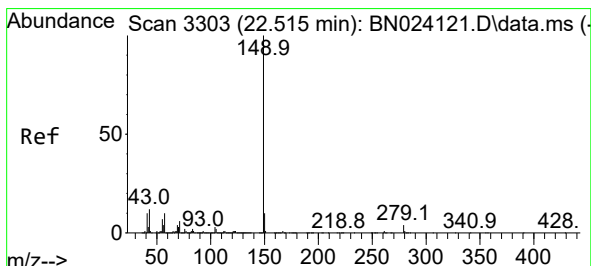
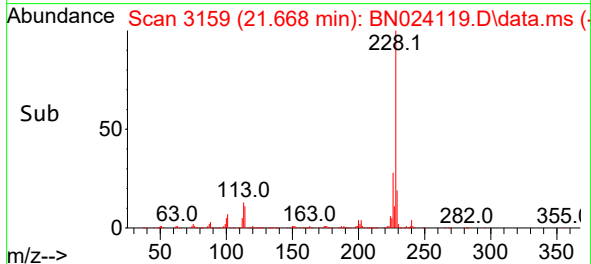
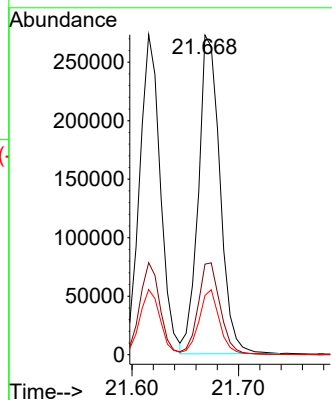
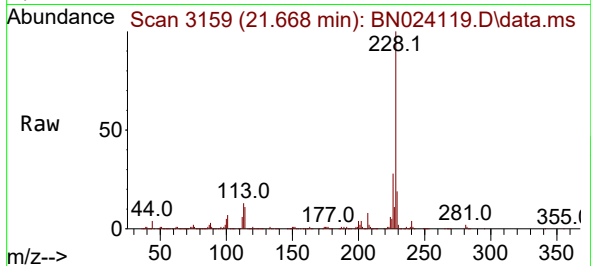




#87
Chrysene
Concen: 4.924 ng/ul
RT: 21.668 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

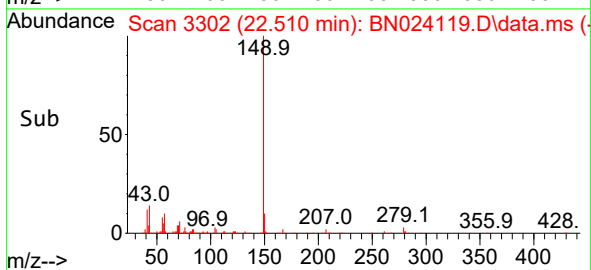
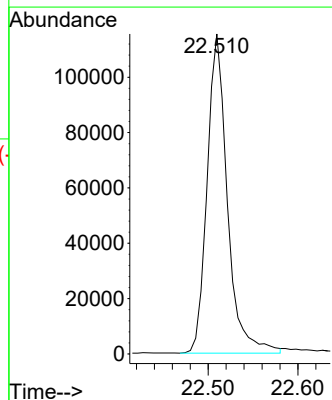
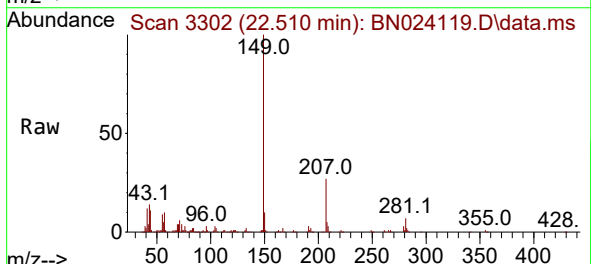
Instrument :
BNA_N
ClientSampleId :
SSTD005245

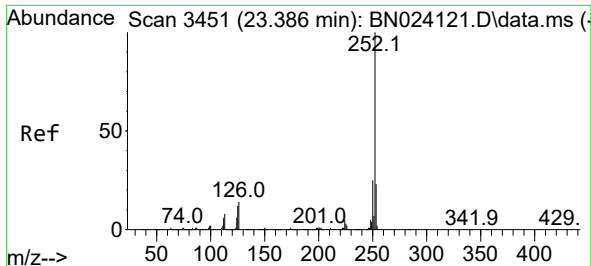
Tgt Ion:228 Resp: 384546
Ion Ratio Lower Upper
228 100
226 28.4 25.8 38.6
229 18.5 17.5 26.3



#89
Di-n-octyl phthalate
Concen: 3.244 ng/ul
RT: 22.510 min Scan# 3302
Delta R.T. -0.006 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:149 Resp: 180941

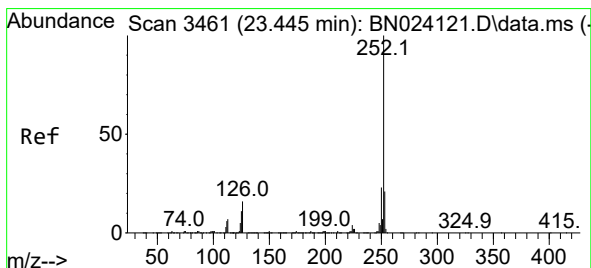
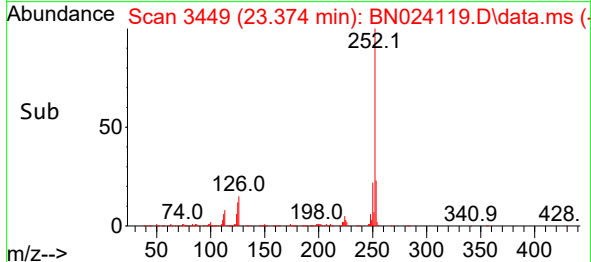
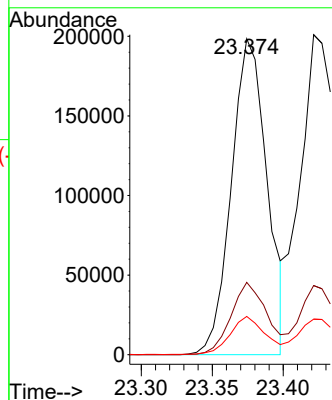
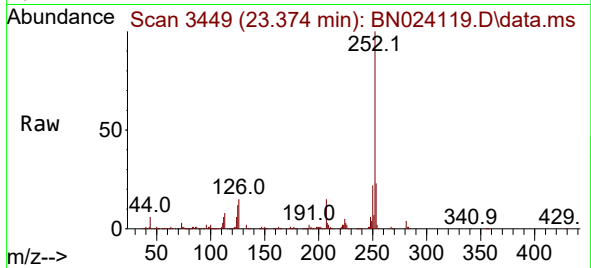




#90
Benzo(b)fluoranthene
Concen: 4.046 ng/ul
RT: 23.374 min Scan# 3451
Delta R.T. -0.012 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

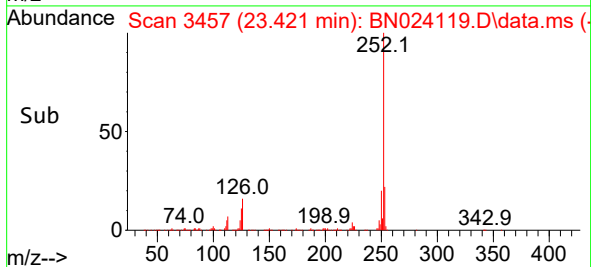
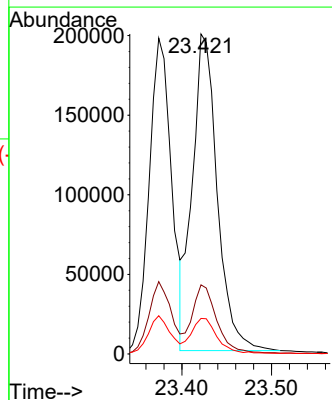
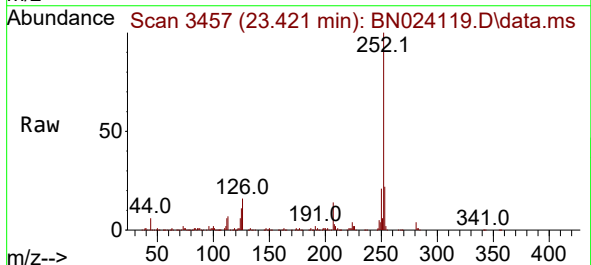
Instrument :
BNA_N
ClientSampleId :
SSTD005245

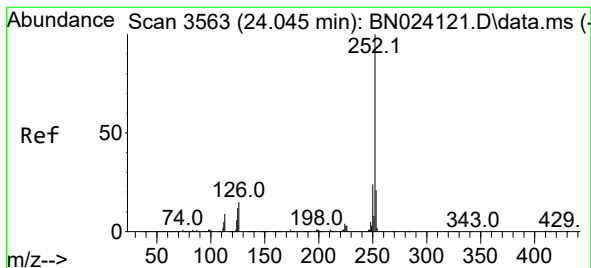
Tgt Ion:252 Resp: 347342
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 12.1 9.5 14.3



#91
Benzo(k)fluoranthene
Concen: 4.586 ng/ul
RT: 23.421 min Scan# 3457
Delta R.T. -0.023 min
Lab File: BN024119.D
Acq: 03 Mar 2023 09:14

Tgt Ion:252 Resp: 383500
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 11.1 9.0 13.6





#93

Benzo(a)pyrene

Concen: 4.240 ng/ul

RT: 24.033 min Scan# 3

Delta R.T. -0.012 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

SSTD005245

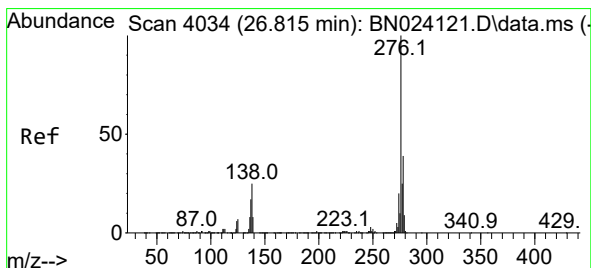
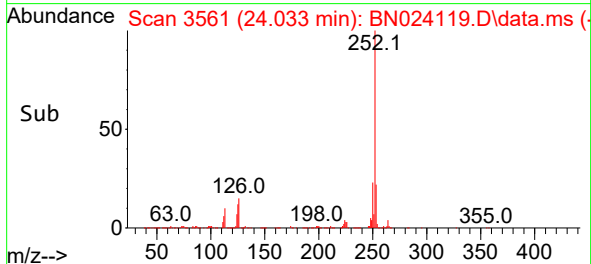
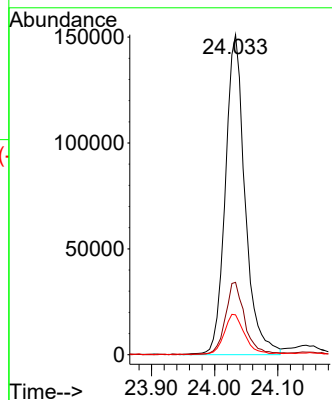
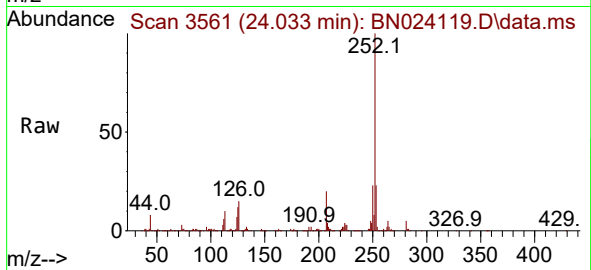
Tgt Ion:252 Resp: 327198

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

125 12.5 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.539 ng/ul

RT: 26.774 min Scan# 4027

Delta R.T. -0.041 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

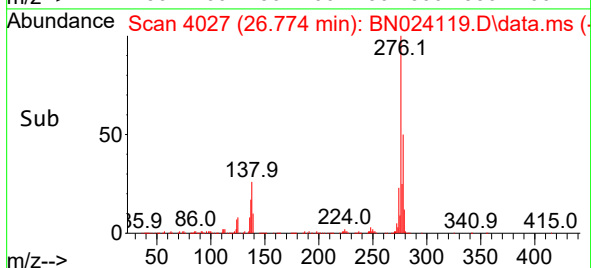
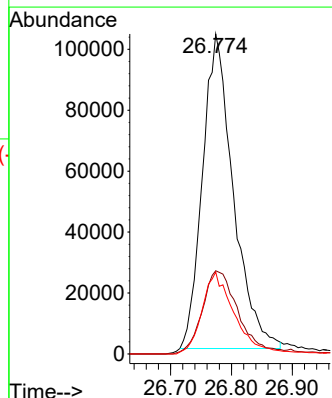
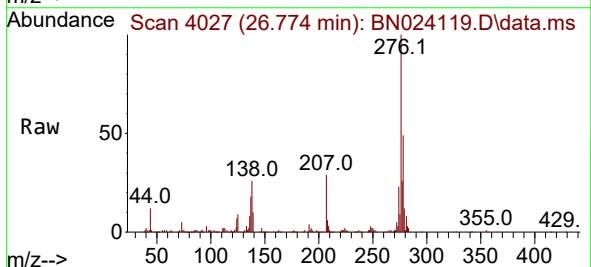
Tgt Ion:276 Resp: 362267

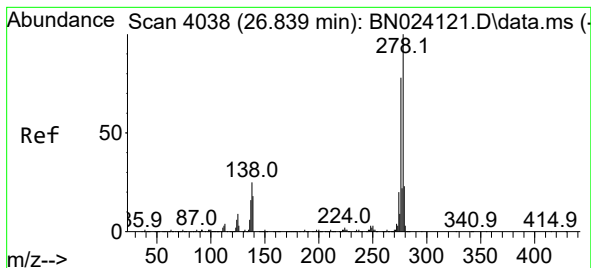
Ion Ratio Lower Upper

276 100

138 26.0 19.6 29.4

277 25.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 3.461 ng/ul

RT: 26.792 min Scan# 4038

Delta R.T. -0.047 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Instrument :

BNA_N

ClientSampleId :

SSTD005245

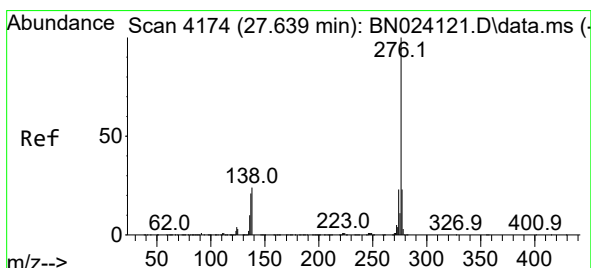
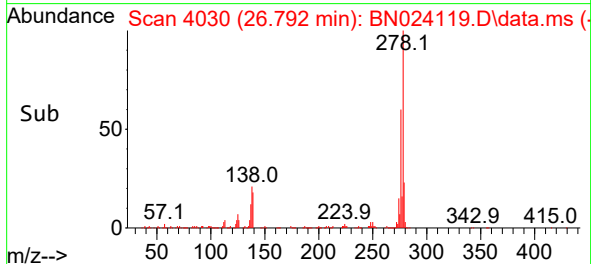
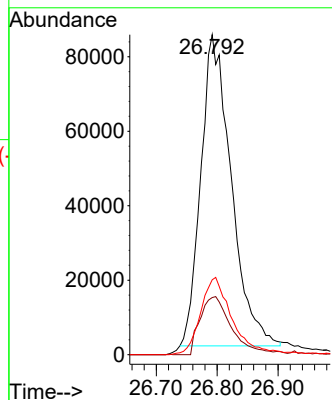
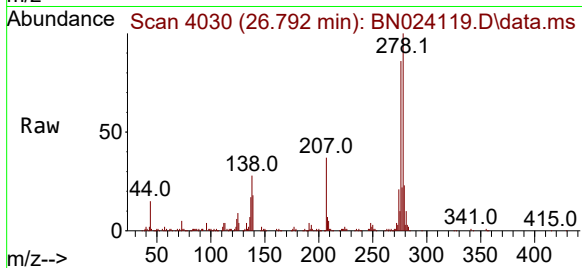
Tgt Ion:278 Resp: 290270

Ion Ratio Lower Upper

278 100

139 17.8 14.4 21.6

279 23.4 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 3.606 ng/ul

RT: 27.592 min Scan# 4166

Delta R.T. -0.047 min

Lab File: BN024119.D

Acq: 03 Mar 2023 09:14

Tgt Ion:276 Resp: 304657

Ion Ratio Lower Upper

276 100

138 23.3 18.8 28.2

277 22.3 18.6 27.8

