

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
 Data File : BN024585.D
 Acq On : 28 Mar 2023 15:09
 Operator : CG/JU
 Sample : SSTD16088
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD160209

Quant Time: Mar 29 02:49:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 02:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	374499	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	1663200	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.651	164	1015914	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.398	188	2105426	20.000	ng/u1	0.01
79) Chrysene-d12	21.592	240	1734012	20.000	ng/u1	0.02
88) Perylene-d12	24.069	264	2082389	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	571466	59.162	ng/uL	0.00
4) Pyridine-d5	3.793	84	4341860	155.671	ng/u1	0.00
7) Phenol-d5	7.175	99	5587535	157.655	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	3368802	147.195	ng/u1	0.01
11) 2-Chlorophenol-d4	7.540	132	4273631	162.649	ng/u1	0.01
15) 4-Methylphenol-d8	8.734	113	4401716	155.296	ng/u1	0.02
21) Nitrobenzene-d5	9.193	128	2225601	169.084	ng/u1	0.02
24) 2-Nitrophenol-d4	9.910	143	2511563	176.281	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.452	165	4058366	156.831	ng/u1	0.02
31) 4-Chloroaniline-d4	10.975	131	5881626	148.959	ng/u1	0.02
46) Dimethylphthalate-d6	14.069	166	11265303	144.199	ng/u1	0.02
49) Acenaphthylene-d8	14.351	160	12707487	142.849	ng/u1	0.02
54) 4-Nitrophenol-d4	14.875	143	2569978	157.176	ng/u1	0.04
60) Fluorene-d10	15.645	176	9019237	134.553	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.781	200	2296901	165.632	ng/u1	0.04
73) Anthracene-d10	17.504	188	13466311	135.987	ng/u1	0.02
81) Pyrene-d10	19.792	212	14810283	147.718	ng/u1	0.02
92) Benzo(a)pyrene-d12	23.921	264	15829019	150.018	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	624156	59.971	ng/uL	99
5) Pyridine	3.817	79	4434734	152.753	ng/u1	97
6) Benzaldehyde	7.140	77	1648811	101.926	ng/u1	99
8) Phenol	7.205	94	5664523	153.972	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.434	93	4263221	146.956	ng/u1	97
12) 2-Chlorophenol	7.575	128	4293550	156.624	ng/u1	100
13) 2-Methylphenol	8.458	108	4249111	154.664	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	7499273	145.521	ng/u1	99
16) Acetophenone	8.852	105	6305166	142.502	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.863	70	3294154	141.469	ng/u1	98
18) 4-Methylphenol	8.816	108	4655876	152.645	ng/u1	97
19) Hexachloroethane	9.093	117	1695246	156.576	ng/u1	95
22) Nitrobenzene	9.234	77	5273474	154.240	ng/u1	97
23) Isophorone	9.781	82	9934299	156.322	ng/u1	97
25) 2-Nitrophenol	9.946	139	2552823	164.813	ng/u1	97
26) 2,4-Dimethylphenol	10.005	107	4902106	152.363	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.240	93	5884295	144.284	ng/u1	98
29) 2,4-Dichlorophenol	10.481	162	3986731	151.891	ng/u1	97
30) Naphthalene	10.881	128	12948509	140.110	ng/u1	99
32) 4-Chloroaniline	10.999	127	5754296	143.915	ng/u1	99
33) Hexachlorobutadiene	11.157	225	2246308	148.606	ng/u1	97
34) Caprolactam	11.840	113	635703	70.320	ng/u1	97
35) 4-Chloro-3-methylphenol	12.128	107	4610662	153.648	ng/u1	98
36) 2-Methylnaphthalene	12.481	142	8493687	137.279	ng/u1	99

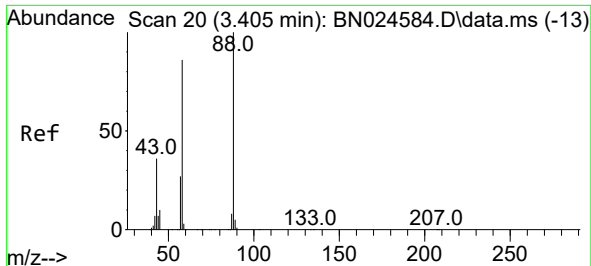
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	8440194	137.678	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.851	216	4236045	140.665	ng/ul	95
40) Hexachlorocyclopentadiene	12.828	237	3050561	160.971	ng/ul	99
41) 2,4,6-Trichlorophenol	13.093	196	3174174	158.206	ng/ul	98
42) 2,4,5-Trichlorophenol	13.169	196	3432345	155.654	ng/ul	98
43) 1,1'-Biphenyl	13.493	154	10741216	133.077	ng/ul	98
44) 2-Chloronaphthalene	13.534	162	8611071	136.659	ng/ul	96
45) 2-Nitroaniline	13.746	65	3469116	177.196	ng/ul	98
47) Dimethylphthalate	14.116	163	10943185	137.938	ng/ul	99
48) 2,6-Dinitrotoluene	14.246	165	2626811	174.802	ng/ul	98
50) Acenaphthylene	14.381	152	13081420	134.313	ng/ul	96
51) 3-Nitroaniline	14.569	138	2363787	147.987	ng/ul	98
52) Acenaphthene	14.716	153	9187223	135.366	ng/ul	96
53) 2,4-Dinitrophenol	14.775	184	1893881	185.539	ng/ul	97
55) 4-Nitrophenol	14.893	109	1918358	153.344	ng/ul	94
56) Dibenzofuran	15.051	168	12297310	130.212	ng/ul	96
57) 2,4-Dinitrotoluene	15.028	165	3583885	162.792	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.281	232	2844273	154.781	ng/ul	96
59) Diethylphthalate	15.475	149	11115947	143.187	ng/ul	99
61) Fluorene	15.704	166	9269305	122.410	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.687	204	4347535	121.005	ng/ul	93
63) 4-Nitroaniline	15.751	138	2230458	141.747	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.798	198	2196425	160.165	ng/ul#	95
67) N-Nitrosodiphenylamine	15.910	169	8688837	138.005	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	3108171	147.910	ng/ul	96
69) Hexachlorobenzene	16.704	284	3545068	143.345	ng/ul	99
70) Atrazine	16.869	200	3166588	147.211	ng/ul	98
71) Pentachlorophenol	17.045	266	2464469	163.016	ng/ul	93
72) Phenanthrene	17.439	178	15014004	127.259	ng/ul	97
74) Anthracene	17.539	178	14421051	121.671	ng/ul#	88
75) 1,2,3,4-Tetrachloroben...	13.457	216	4448739	147.795	ng/uL	98
76) Pentachlorobenzene	14.975	250	4233807	144.799	ng/uL	99
77) Carbazole	17.804	167	14637015	137.348	ng/ul	97
78) Di-n-butylphthalate	18.351	149	14516708	120.210	ng/ul#	94
80) Fluoranthene	19.392	202	40655	0.342	ng/ul#	61
82) Pyrene	19.816	202	14940929	119.201	ng/ul	97
83) Butylbenzylphthalate	20.704	149	8338376	174.715	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	5903969	145.656	ng/ul	96
85) Benzo(a)anthracene	21.569	228	16620206	135.684	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.480	149	10954782	164.629	ng/ul#	95
87) Chrysene	21.627	228	14829172	127.940	ng/ul	95
90) Benzo(b)fluoranthene	23.321	252	20936710	153.544	ng/ul	96
91) Benzo(k)fluoranthene	23.380	252	16390932	125.916	ng/ul	97
93) Benzo(a)pyrene	23.986	252	16789727	140.612	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.686	276	16066920	105.346	ng/ul	98
95) Dibenzo(a,h)anthracene	26.721	278	15335278	121.122	ng/ul	99
96) Benzo(g,h,i)perylene	27.504	276	15353347	121.449	ng/ul	99

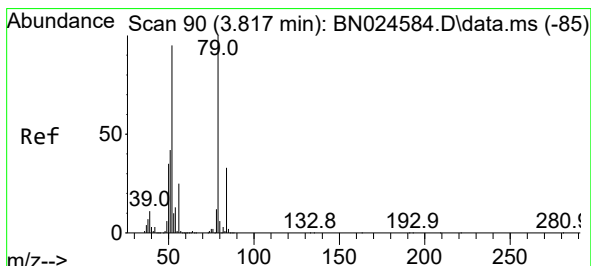
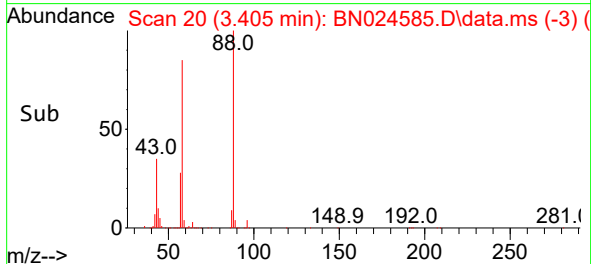
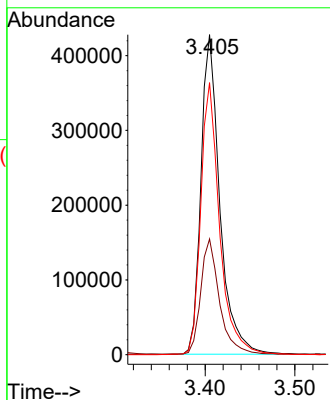
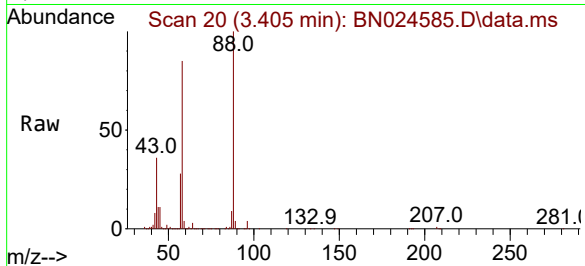
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#2
 1,4-Dioxane
 Concen: 59.971 ng/uL
 RT: 3.405 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BN024585.D
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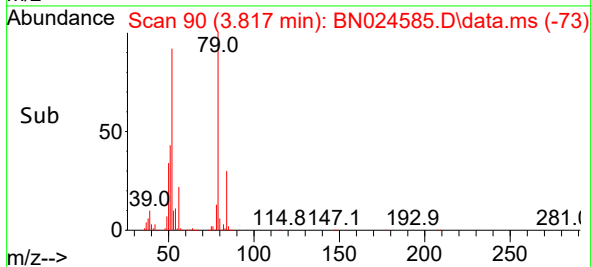
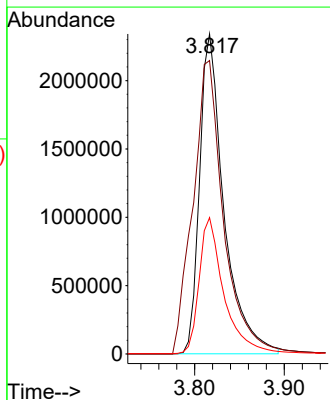
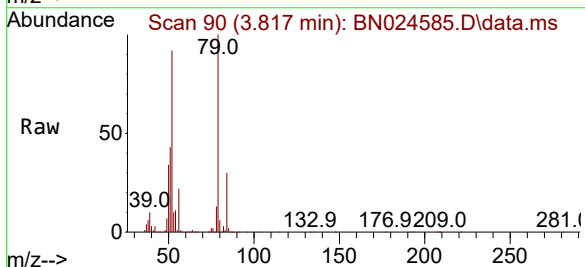
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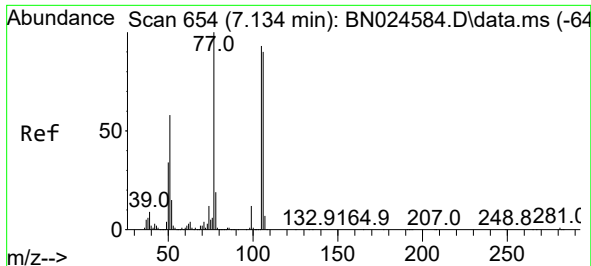
Tgt Ion: 88 Resp: 624156
 Ion Ratio Lower Upper
 88 100
 43 36.2 29.0 43.6
 58 85.0 67.5 101.3



#5
 Pyridine
 Concen: 152.753 ng/uL
 RT: 3.817 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: BN024585.D
 Acq: 28 Mar 2023 15:09

Tgt Ion: 79 Resp: 4434734
 Ion Ratio Lower Upper
 79 100
 52 91.7 76.0 114.0
 51 42.6 35.0 52.4

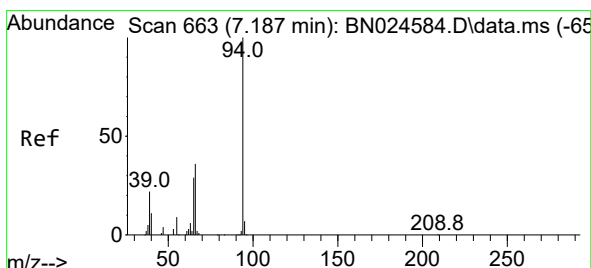
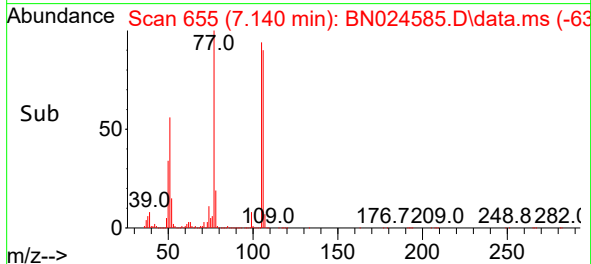
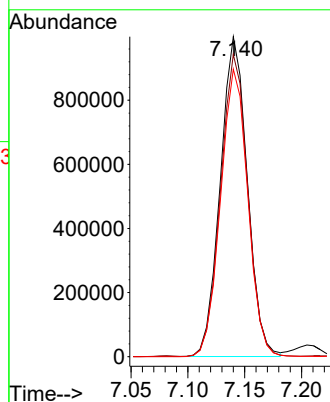
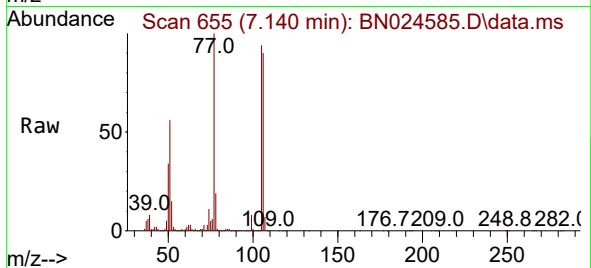




#6
Benzaldehyde
Concen: 101.926 ng/ul
RT: 7.140 min Scan# 654
Delta R.T. 0.006 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

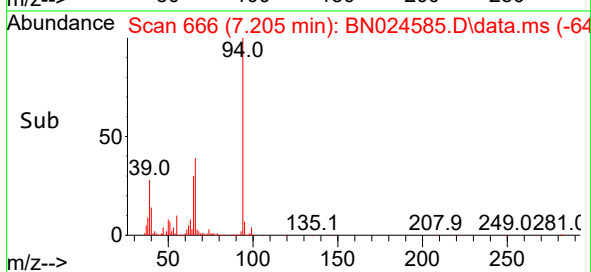
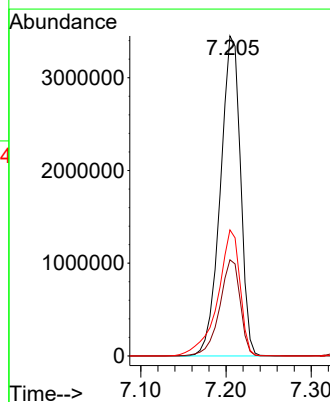
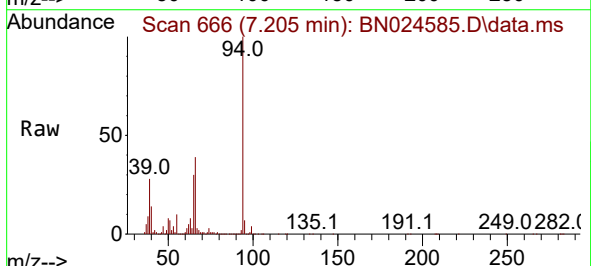
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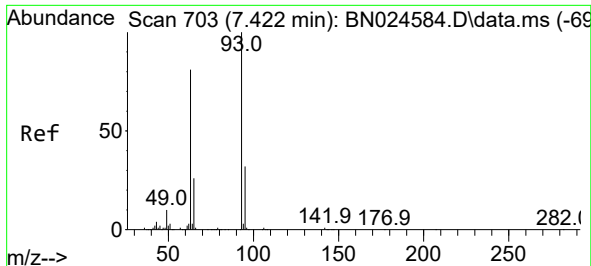
Tgt Ion: 77 Resp: 1648811
Ion Ratio Lower Upper
77 100
105 94.4 74.0 111.0
106 89.8 71.7 107.5



#8
Phenol
Concen: 153.972 ng/ul
RT: 7.205 min Scan# 666
Delta R.T. 0.018 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion: 94 Resp: 5664523
Ion Ratio Lower Upper
94 100
65 30.1 23.7 35.5
66 39.4 29.9 44.9

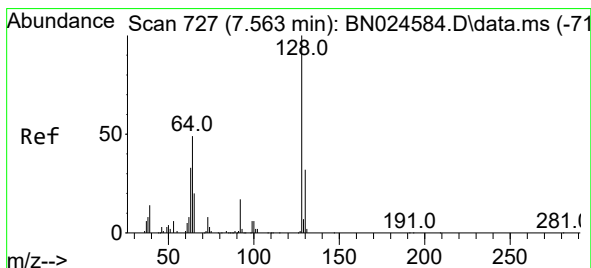
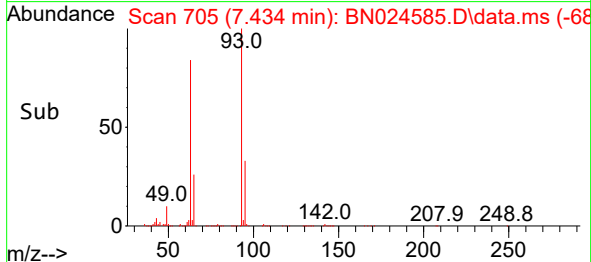
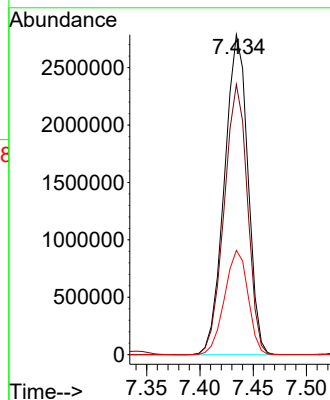
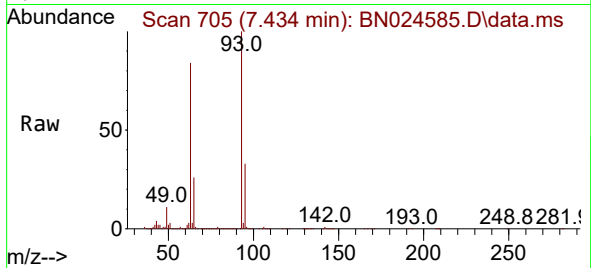




#10
Bis(2-Chloroethyl)ether
Concen: 146.956 ng/ul
RT: 7.434 min Scan# 703
Delta R.T. 0.012 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

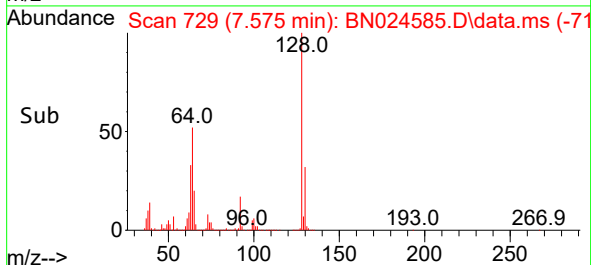
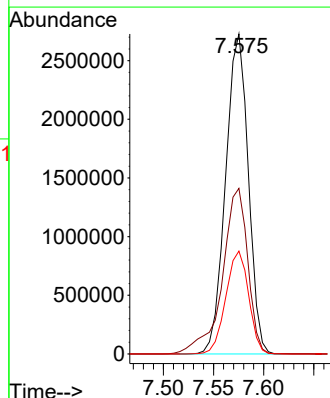
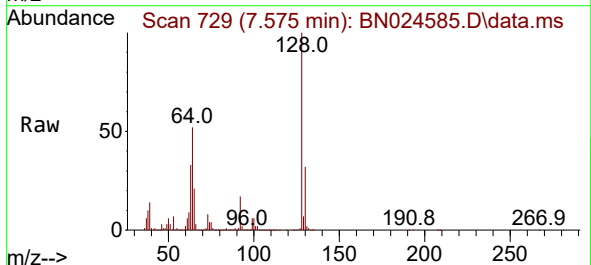
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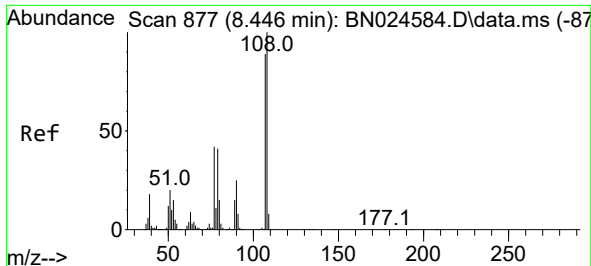
Tgt Ion: 93 Resp: 4263221
Ion Ratio Lower Upper
93 100
63 84.4 64.9 97.3
95 32.6 25.2 37.8



#12
2-Chlorophenol
Concen: 156.624 ng/ul
RT: 7.575 min Scan# 729
Delta R.T. 0.012 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:128 Resp: 4293550
Ion Ratio Lower Upper
128 100
64 51.7 41.6 62.4
130 32.2 25.6 38.4





#13

2-Methylphenol

Concen: 154.664 ng/ul

RT: 8.458 min Scan# 81

Delta R.T. 0.012 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

Instrument :

BNA_N

ClientSampleId :

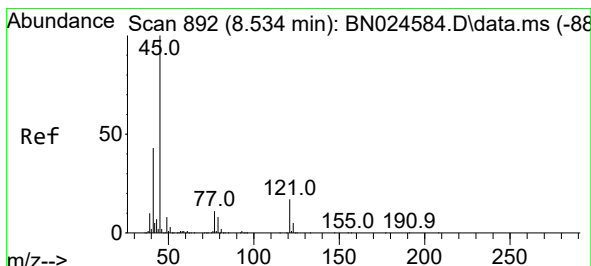
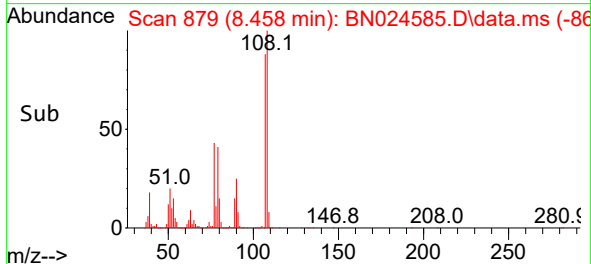
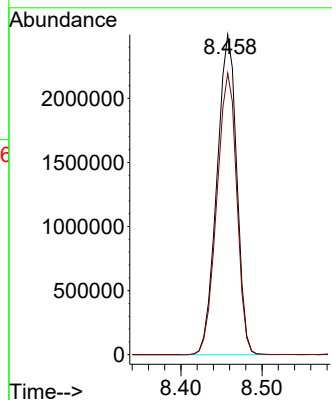
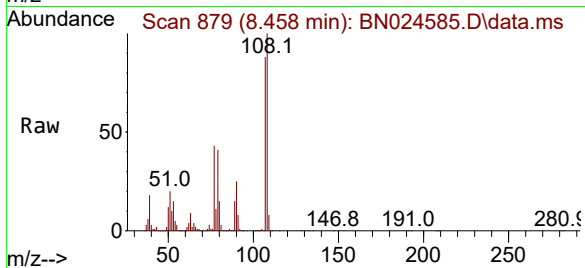
SSTD160209

Tgt Ion:108 Resp: 4249111

Ion Ratio Lower Upper

108 100

107 88.0 70.9 106.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 145.521 ng/ul

RT: 8.546 min Scan# 894

Delta R.T. 0.012 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

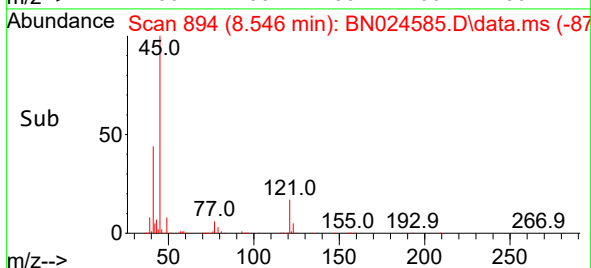
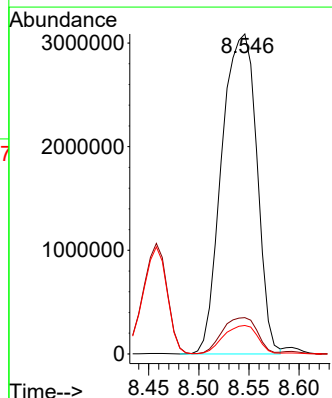
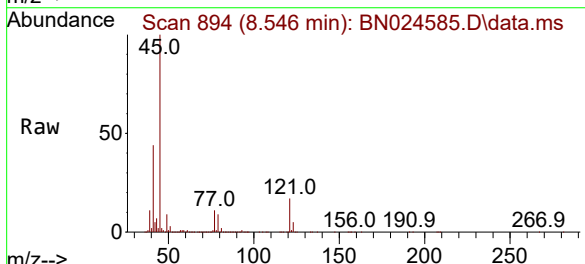
Tgt Ion: 45 Resp: 7499273

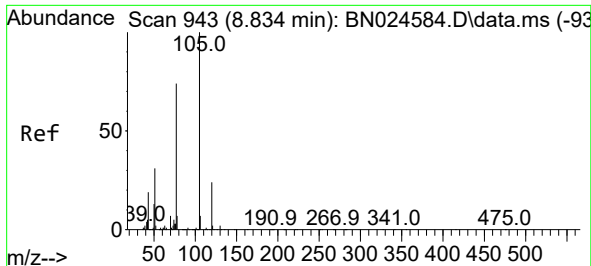
Ion Ratio Lower Upper

45 100

77 11.3 9.0 13.4

79 8.9 6.9 10.3

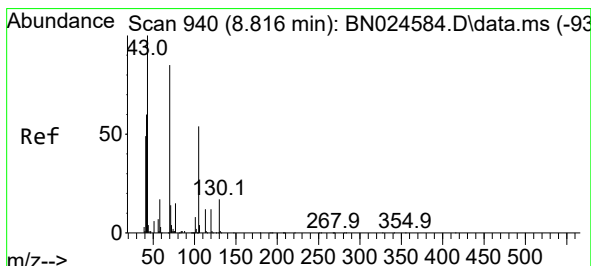
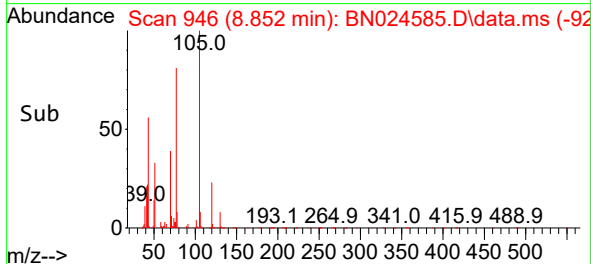
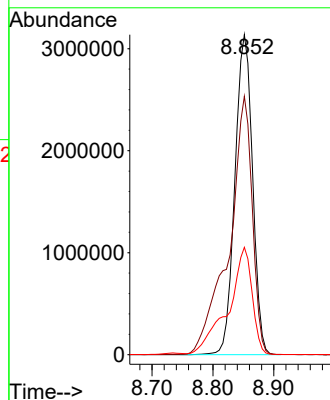
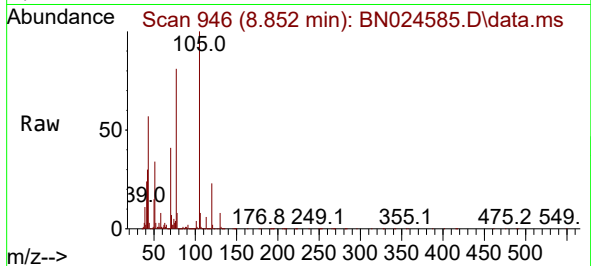




#16
Acetophenone
Concen: 142.502 ng/ul
RT: 8.852 min Scan# 946
Delta R.T. 0.018 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

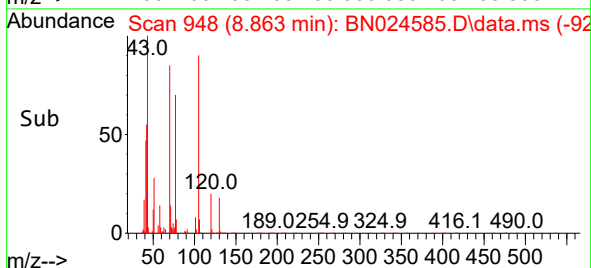
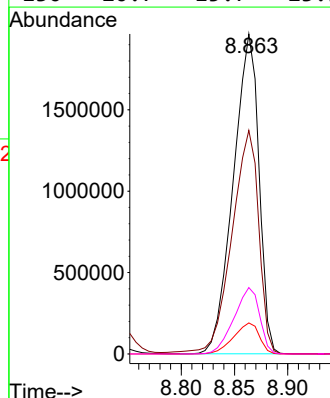
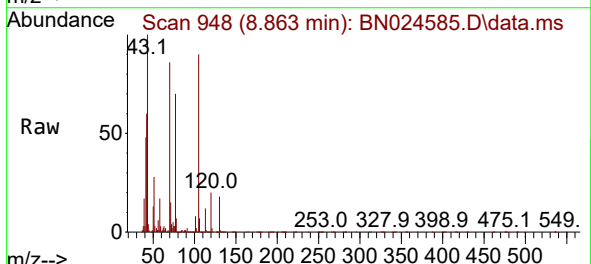
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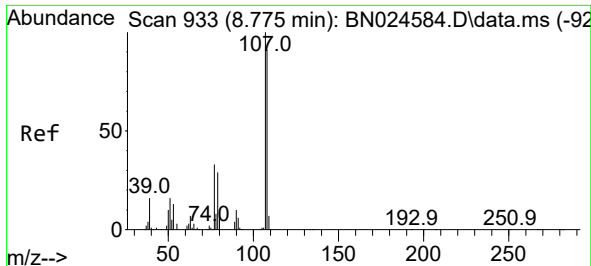
Tgt Ion:105 Resp: 6305166
Ion Ratio Lower Upper
105 100
77 80.7 64.3 96.5
51 33.6 27.3 40.9



#17
N-Nitroso-di-n-propylamine
Concen: 141.469 ng/ul
RT: 8.863 min Scan# 948
Delta R.T. 0.047 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion: 70 Resp: 3294154
Ion Ratio Lower Upper
70 100
42 69.9 57.5 86.3
101 9.7 7.8 11.8
130 20.7 15.7 23.5

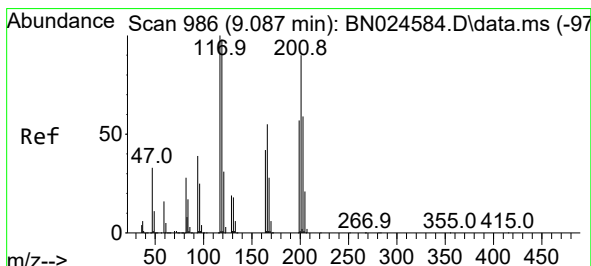
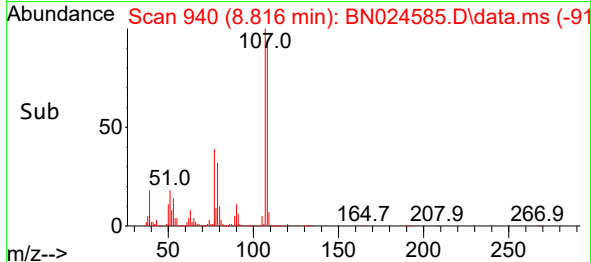
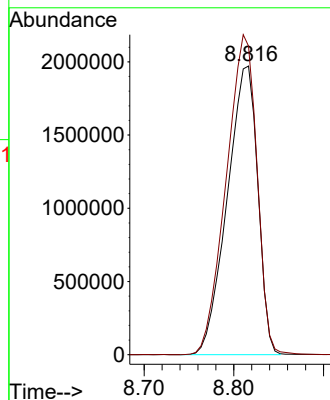
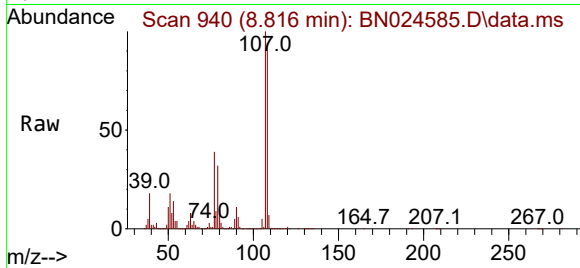




#18
4-Methylphenol
Concen: 152.645 ng/ul
RT: 8.816 min Scan# 94
Delta R.T. 0.041 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

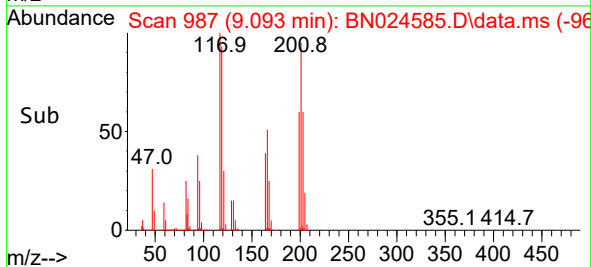
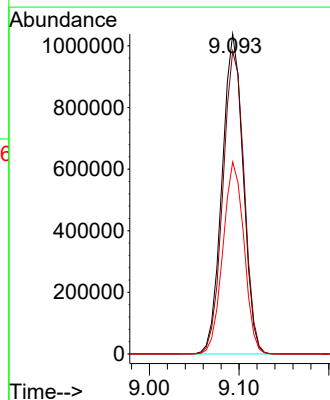
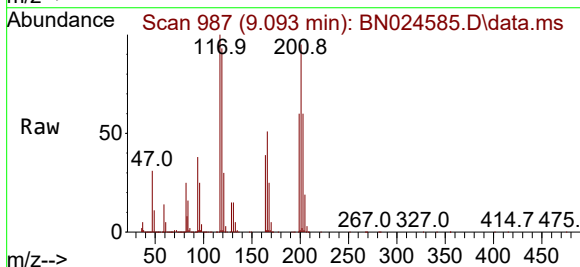
Instrument :
BNA_N
ClientSampleId :
SSTD160209

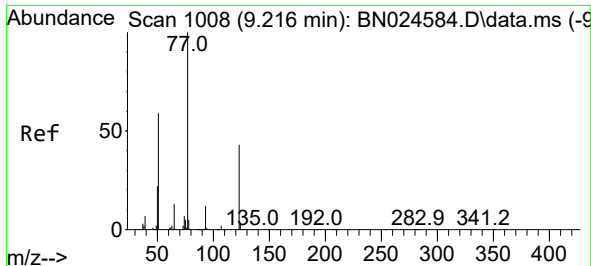
Tgt Ion:108 Resp: 4655876
Ion Ratio Lower Upper
108 100
107 106.9 87.7 131.5



#19
Hexachloroethane
Concen: 156.576 ng/ul
RT: 9.093 min Scan# 987
Delta R.T. 0.006 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:117 Resp: 1695246
Ion Ratio Lower Upper
117 100
201 94.6 71.9 107.9
199 60.0 45.2 67.8

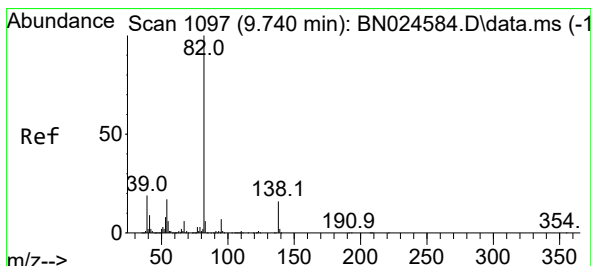
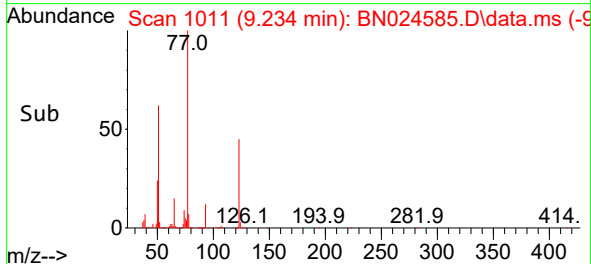
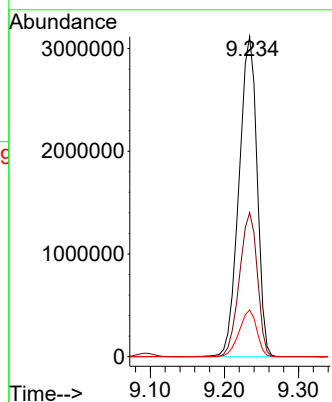
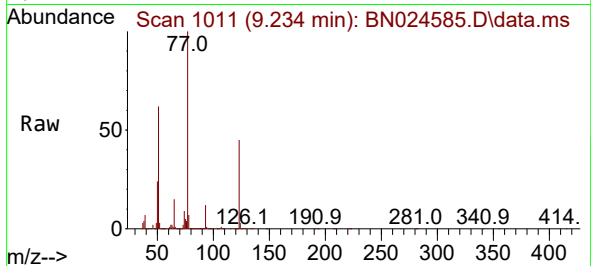




#22
Nitrobenzene
Concen: 154.240 ng/ul
RT: 9.234 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

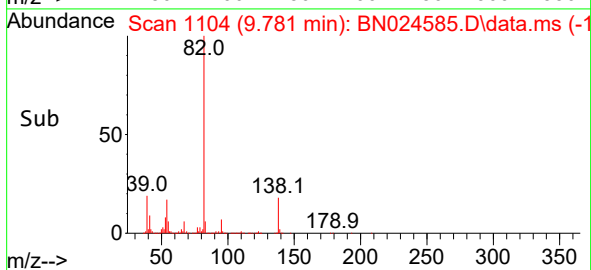
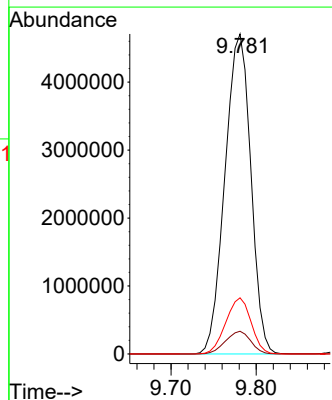
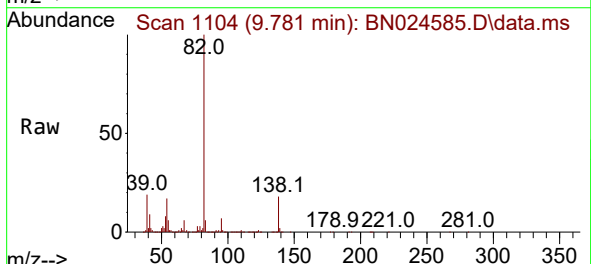
Instrument :
BNA_N
ClientSampleId :
SSTD160209

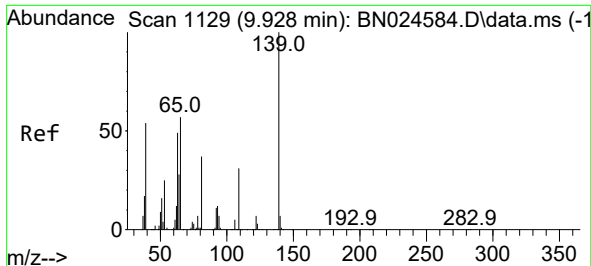
Tgt Ion: 77 Resp: 5273474
Ion Ratio Lower Upper
77 100
123 45.0 34.3 51.5
65 14.5 10.8 16.2



#23
Isophorone
Concen: 156.322 ng/ul
RT: 9.781 min Scan# 1104
Delta R.T. 0.041 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion: 82 Resp: 9934299
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 17.5 12.6 18.8

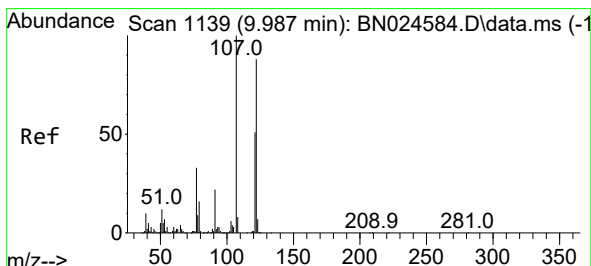
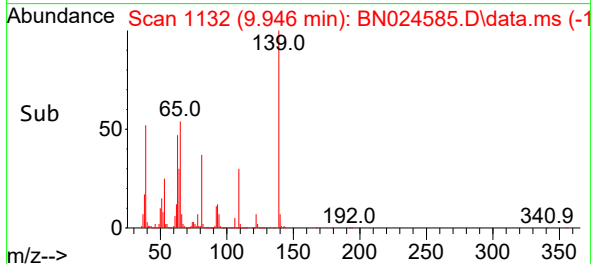
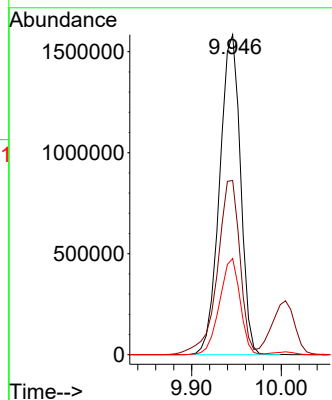
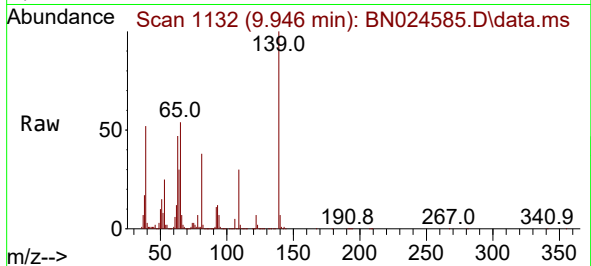




#25
2-Nitrophenol
Concen: 164.813 ng/ul
RT: 9.946 min Scan# 1112
Delta R.T. 0.018 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

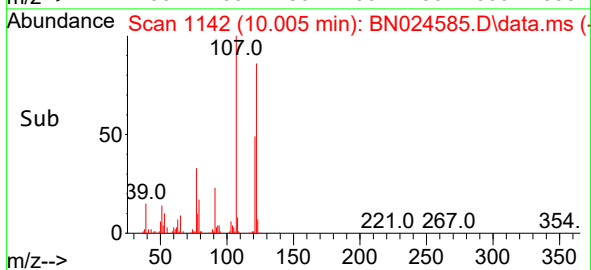
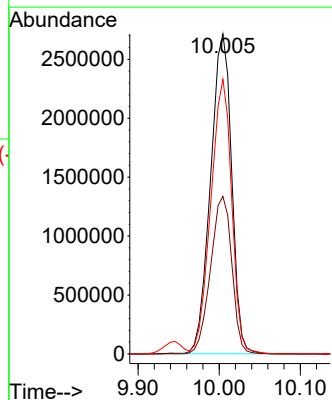
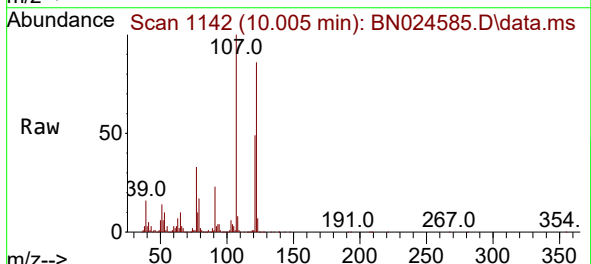
Instrument :
BNA_N
ClientSampleId :
SSTD160209

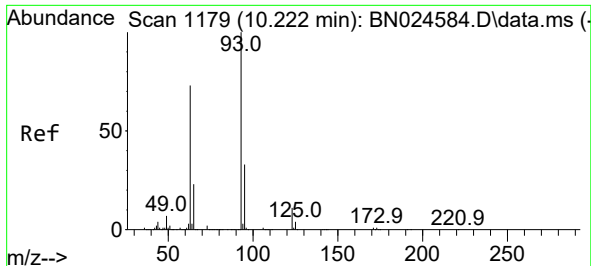
Tgt Ion:139 Resp: 2552823
Ion Ratio Lower Upper
139 100
65 54.5 46.3 69.5
109 30.0 24.6 37.0



#26
2,4-Dimethylphenol
Concen: 152.363 ng/ul
RT: 10.005 min Scan# 1142
Delta R.T. 0.018 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:107 Resp: 4902106
Ion Ratio Lower Upper
107 100
121 49.3 40.7 61.1
122 85.8 71.2 106.8

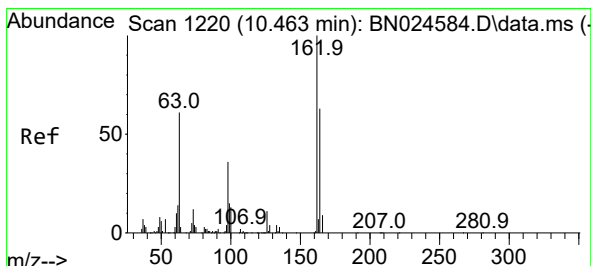
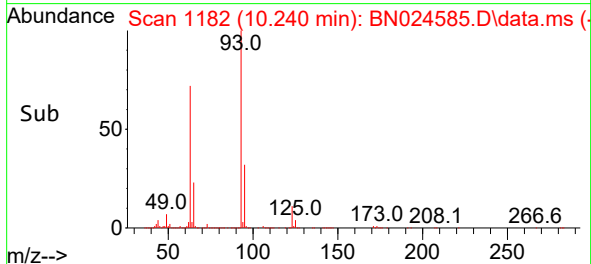
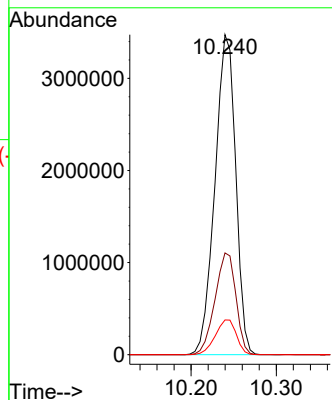
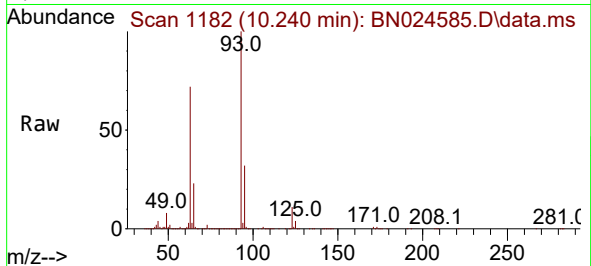




#27
 Bis(2-Chloroethoxy)methane
 Concen: 144.284 ng/ul
 RT: 10.240 min Scan# 1182
 Delta R.T. 0.018 min
 Lab File: BN024585.D
 Acq: 28 Mar 2023 15:09

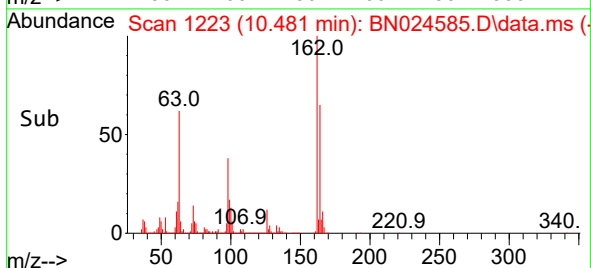
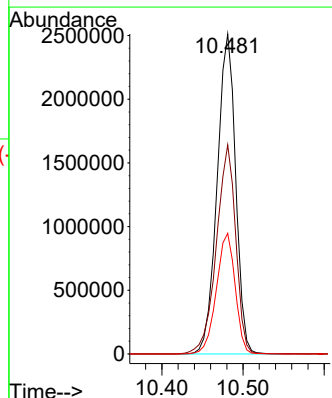
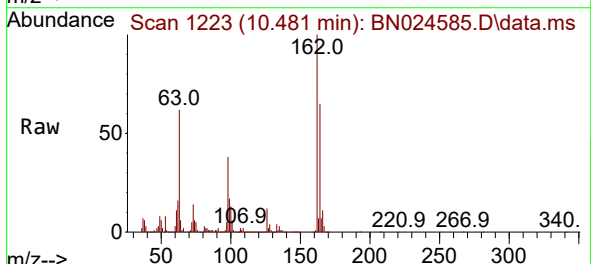
Instrument :
 BNA_N
 ClientSampleId :
 SSTD160209

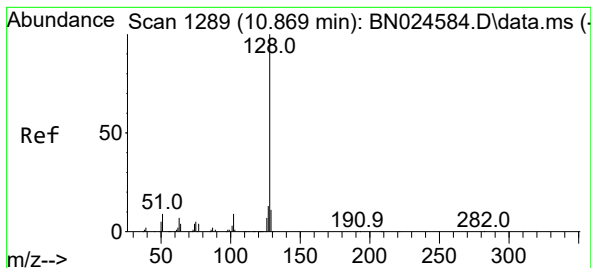
Tgt Ion: 93 Resp: 5884295
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.4 39.6
 123 10.9 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 151.891 ng/ul
 RT: 10.481 min Scan# 1223
 Delta R.T. 0.018 min
 Lab File: BN024585.D
 Acq: 28 Mar 2023 15:09

Tgt Ion:162 Resp: 3986731
 Ion Ratio Lower Upper
 162 100
 164 65.4 50.5 75.7
 98 37.7 28.6 42.8





#30

Naphthalene

Concen: 140.110 ng/ul

RT: 10.881 min Scan# 1310

Delta R.T. 0.012 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD160209

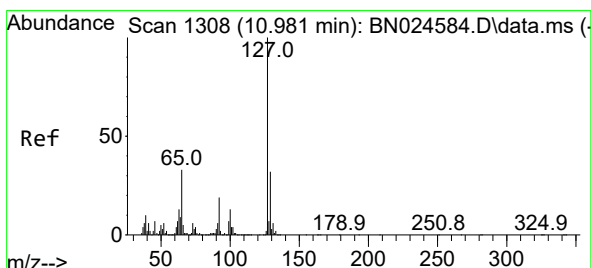
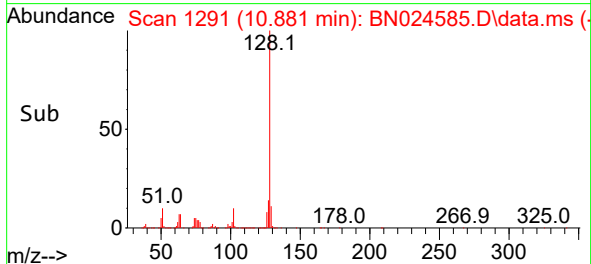
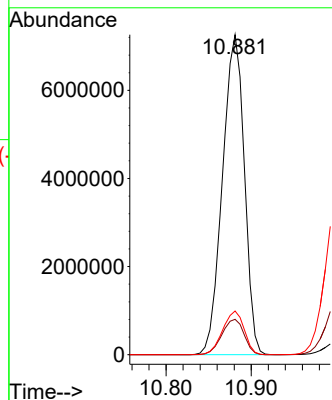
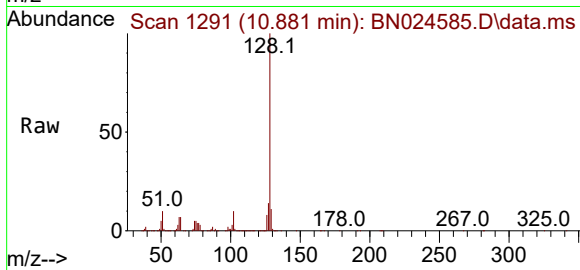
Tgt Ion:128 Resp:12948509

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

127 13.7 10.4 15.6



#32

4-Chloroaniline

Concen: 143.915 ng/ul

RT: 10.999 min Scan# 1311

Delta R.T. 0.018 min

Lab File: BN024585.D

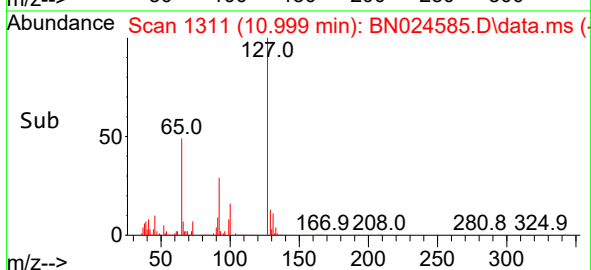
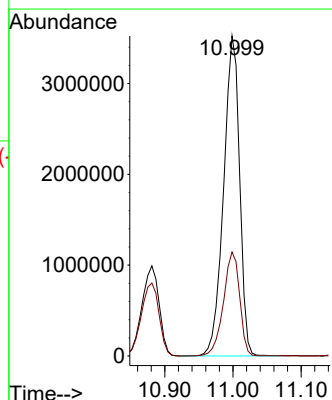
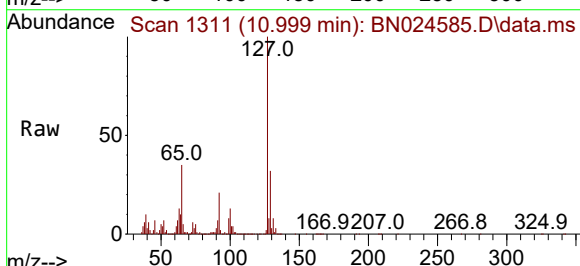
Acq: 28 Mar 2023 15:09

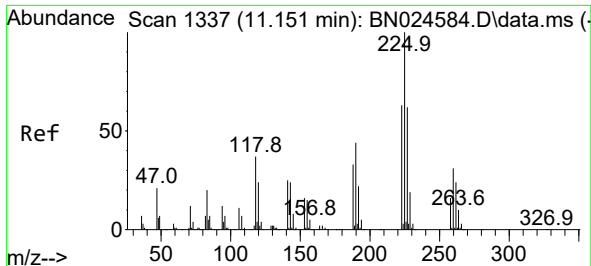
Tgt Ion:127 Resp: 5754296

Ion Ratio Lower Upper

127 100

129 32.4 25.5 38.3

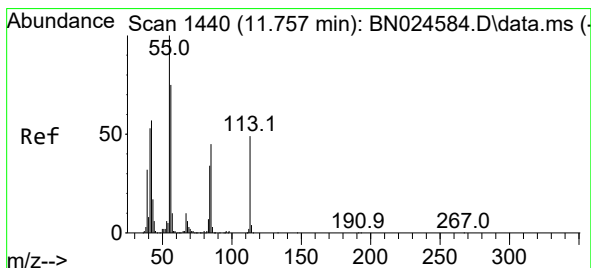
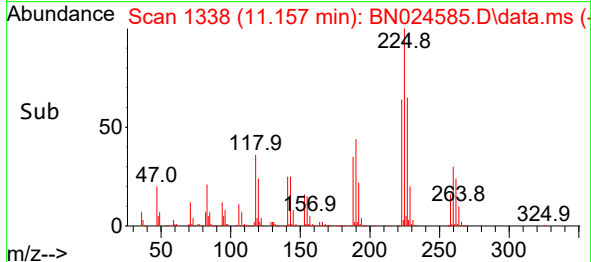
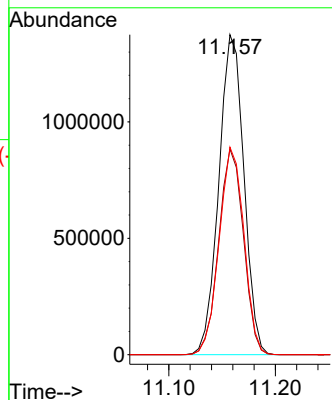
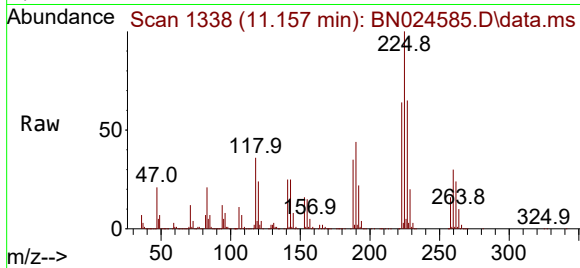




#33
Hexachlorobutadiene
Concen: 148.606 ng/ul
RT: 11.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

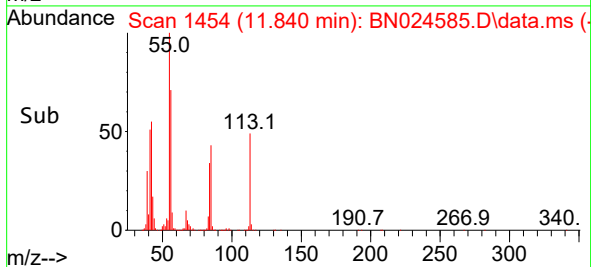
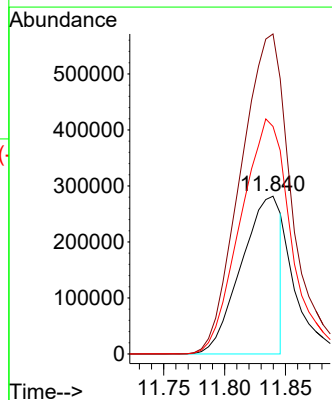
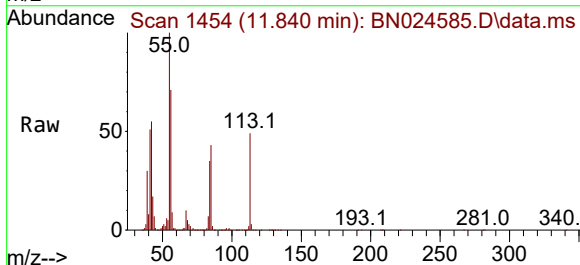
Instrument :
BNA_N
ClientSampleId :
SSTD160209

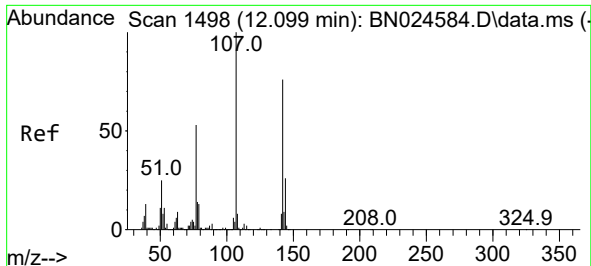
Tgt Ion:225 Resp: 2246308
Ion Ratio Lower Upper
225 100
223 64.3 50.2 75.4
227 64.8 49.6 74.4



#34
Caprolactam
Concen: 70.320 ng/ul
RT: 11.840 min Scan# 1454
Delta R.T. 0.082 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:113 Resp: 635703
Ion Ratio Lower Upper
113 100
55 202.8 162.2 243.2
56 144.2 121.6 182.4

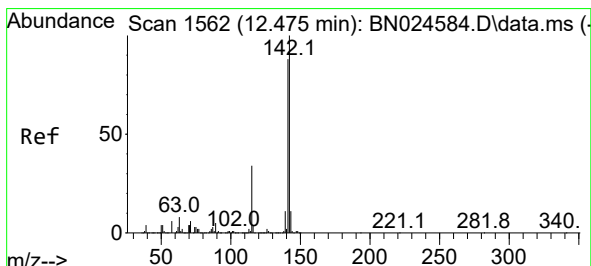
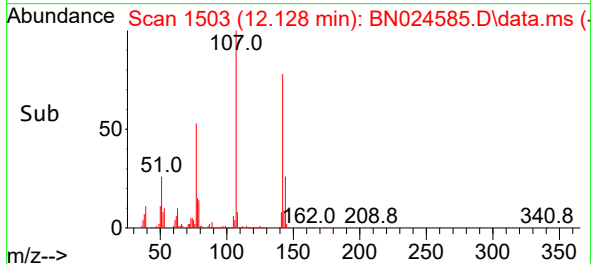
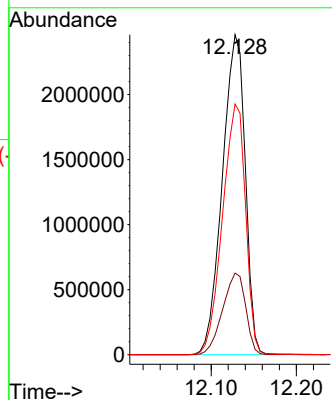
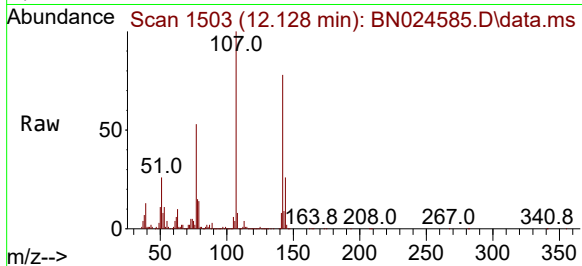




#35
4-Chloro-3-methylphenol
Concen: 153.648 ng/ul
RT: 12.128 min Scan# 1503
Delta R.T. 0.029 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

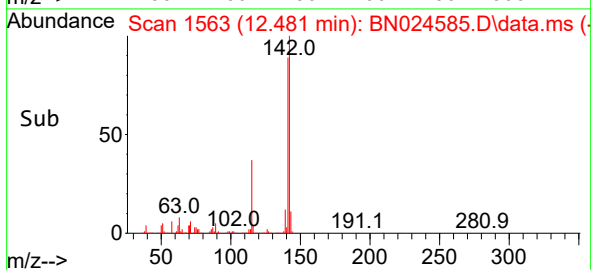
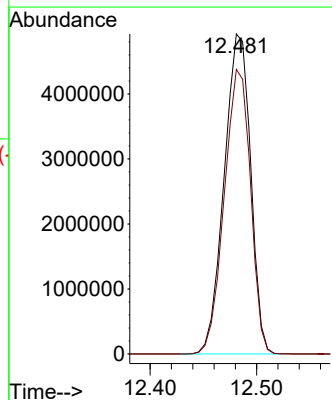
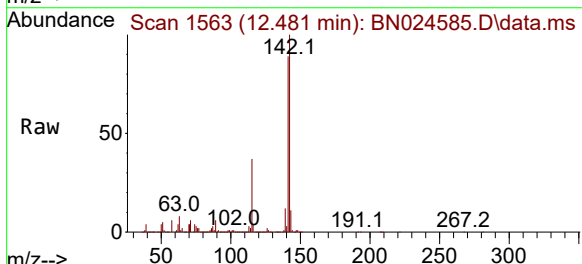
Instrument :
BNA_N
ClientSampleId :
SSTD160209

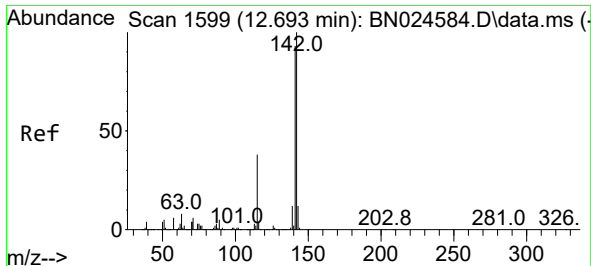
Tgt Ion:107 Resp: 4610662
Ion Ratio Lower Upper
107 100
144 25.5 21.1 31.7
142 78.3 61.0 91.4



#36
2-Methylnaphthalene
Concen: 137.279 ng/ul
RT: 12.481 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:142 Resp: 8493687
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.4

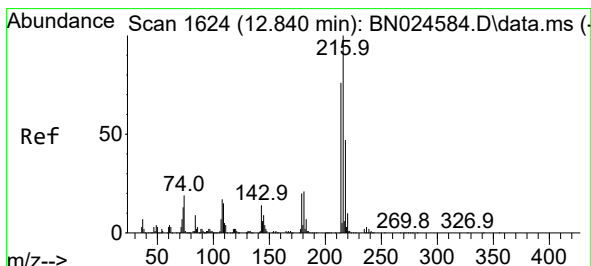
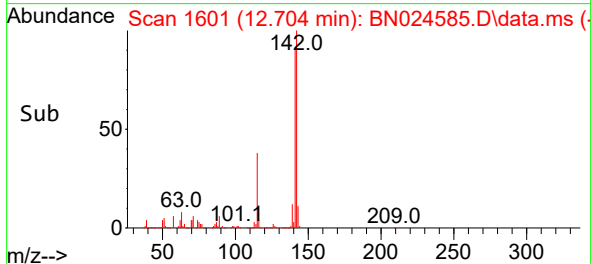
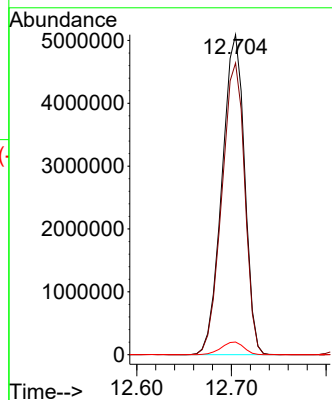
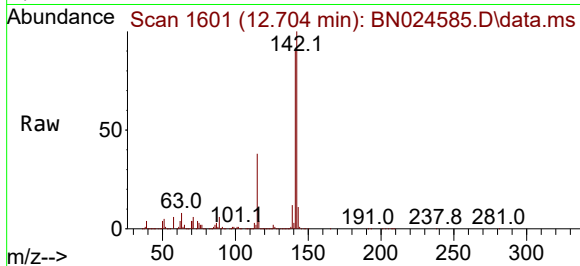




#37
1-Methylnaphthalene
Concen: 137.678 ng/ul
RT: 12.704 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

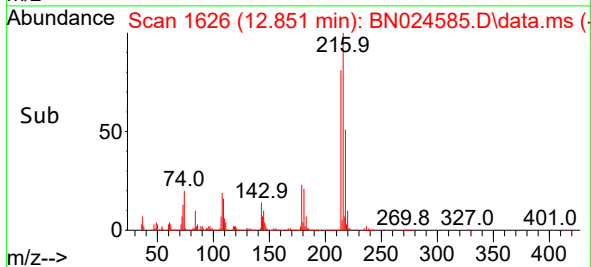
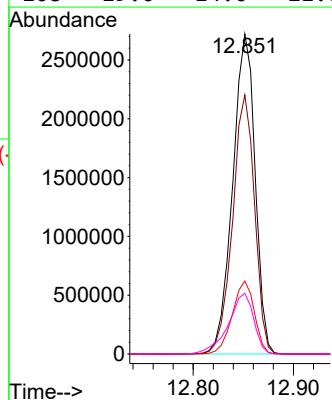
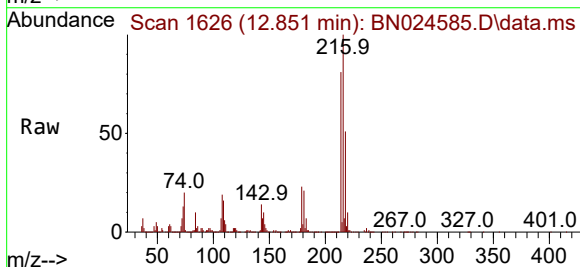
Instrument :
BNA_N
ClientSampleId :
SSTD160209

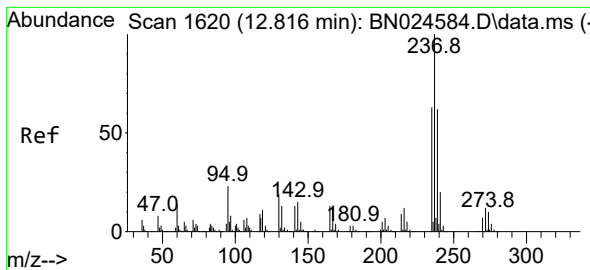
Tgt Ion:142 Resp: 8440194
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4
116 3.9 3.0 4.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 140.665 ng/ul
RT: 12.851 min Scan# 1626
Delta R.T. 0.012 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:216 Resp: 4236045
Ion Ratio Lower Upper
216 100
214 80.9 61.0 91.4
179 22.8 15.7 23.5
108 19.0 14.0 21.0





#40

Hexachlorocyclopentadiene

Concen: 160.971 ng/ul

RT: 12.828 min Scan# 1622

Delta R.T. 0.012 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD160209

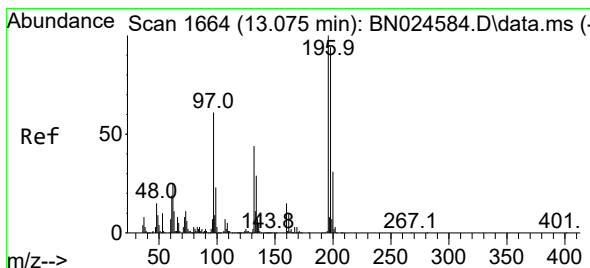
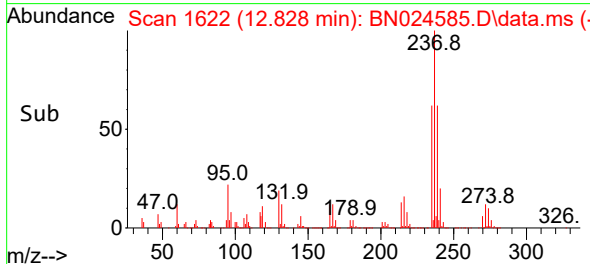
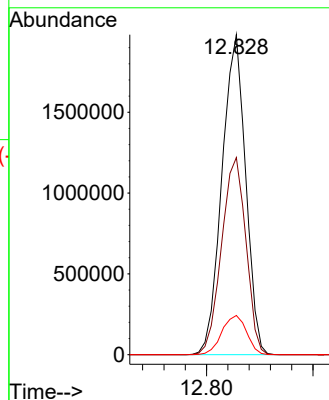
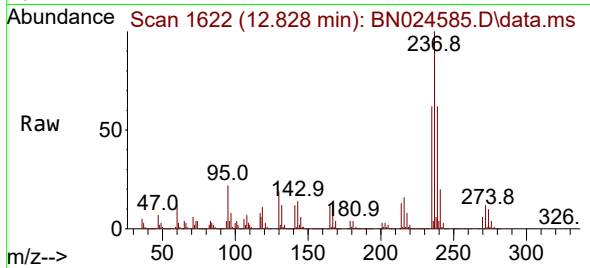
Tgt Ion:237 Resp: 3050561

Ion Ratio Lower Upper

237 100

235 61.6 50.0 75.0

272 12.3 9.5 14.3



#41

2,4,6-Trichlorophenol

Concen: 158.206 ng/ul

RT: 13.093 min Scan# 1667

Delta R.T. 0.018 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

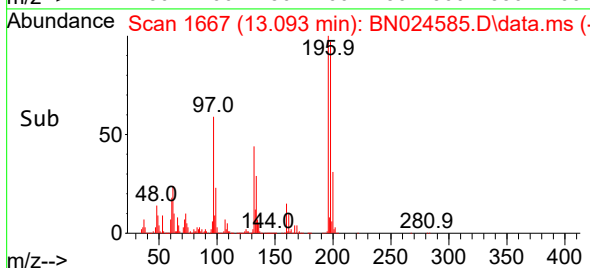
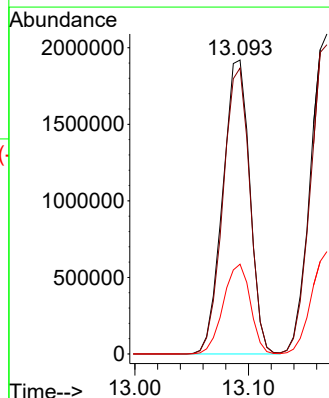
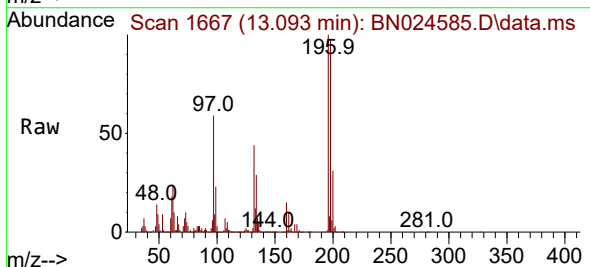
Tgt Ion:196 Resp: 3174174

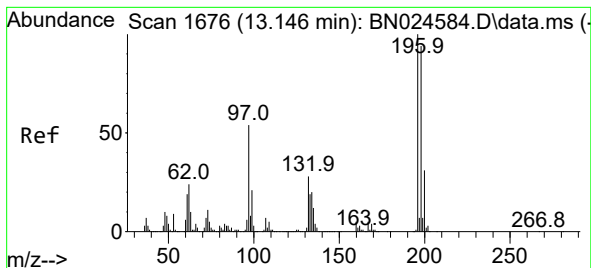
Ion Ratio Lower Upper

196 100

198 97.3 75.5 113.3

200 30.6 24.6 37.0





#42

2,4,5-Trichlorophenol

Concen: 155.654 ng/ul

RT: 13.169 min Scan# 1

Delta R.T. 0.024 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD160209

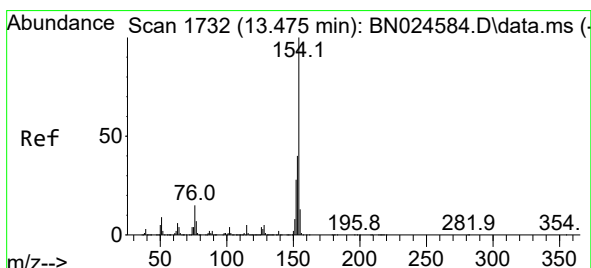
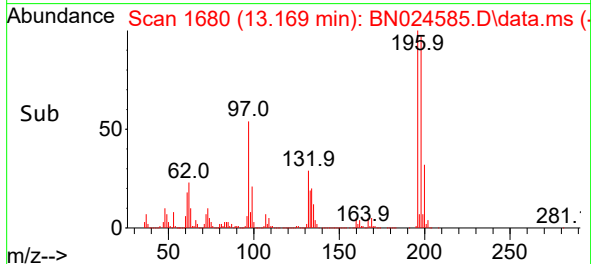
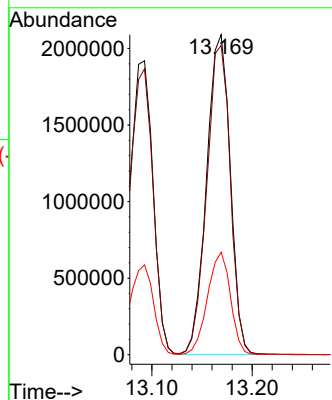
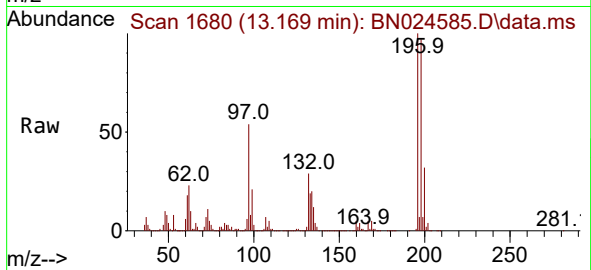
Tgt Ion:196 Resp: 3432345

Ion Ratio Lower Upper

196 100

198 96.7 75.4 113.0

200 32.0 24.6 37.0



#43

1,1'-Biphenyl

Concen: 133.077 ng/ul

RT: 13.493 min Scan# 1735

Delta R.T. 0.018 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

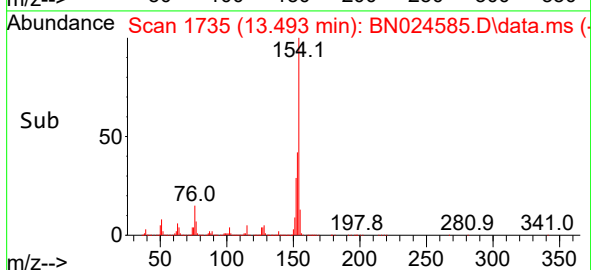
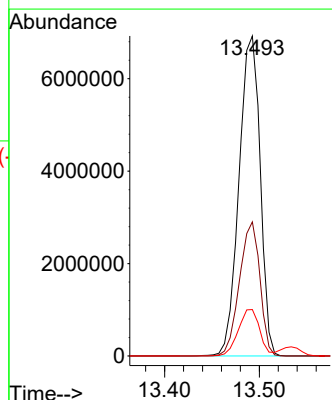
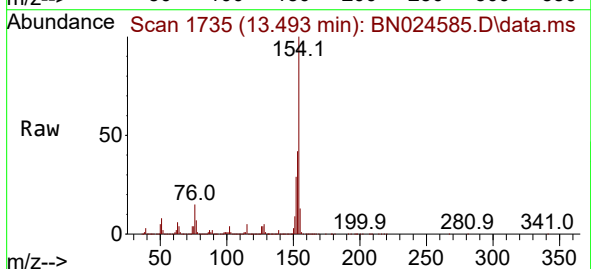
Tgt Ion:154 Resp:10741216

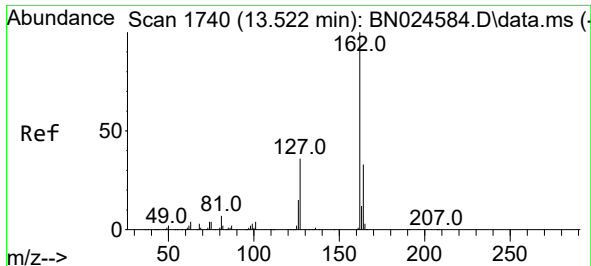
Ion Ratio Lower Upper

154 100

153 41.9 32.2 48.4

76 14.5 11.7 17.5

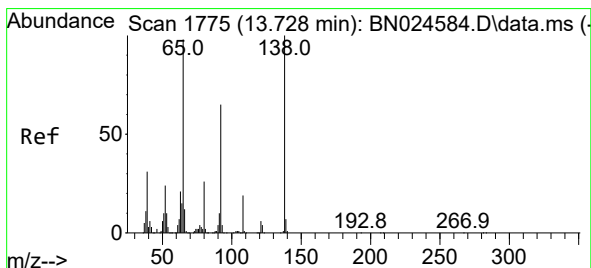
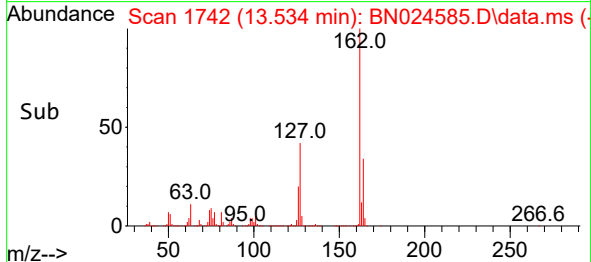
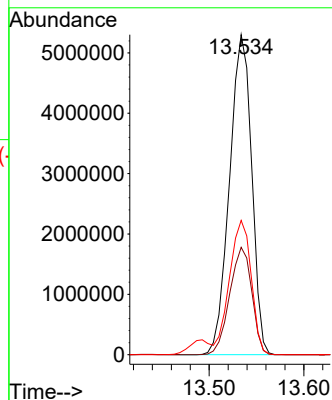
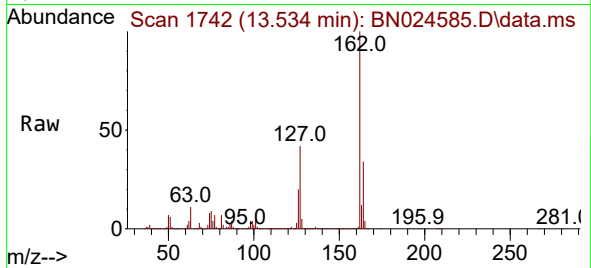




#44
2-Chloronaphthalene
Concen: 136.659 ng/ul
RT: 13.534 min Scan# 1742
Delta R.T. 0.012 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

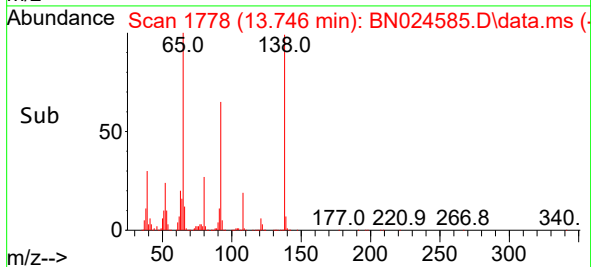
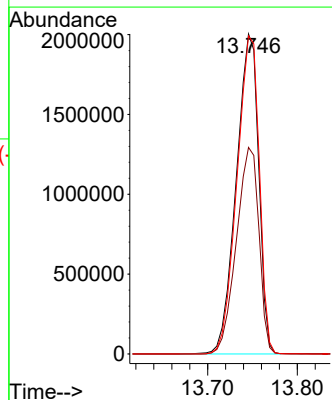
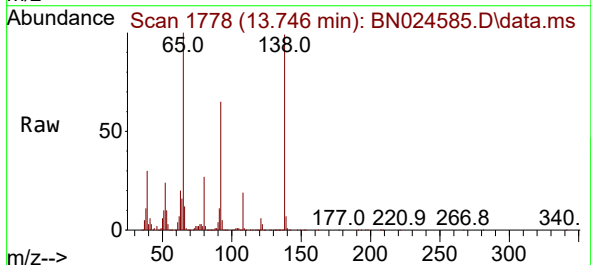
Instrument :
BNA_N
ClientSampleId :
SSTD160209

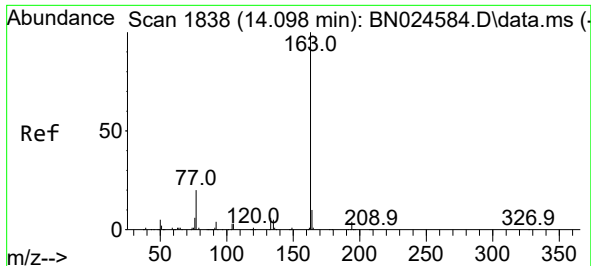
Tgt Ion:162 Resp: 8611071
Ion Ratio Lower Upper
162 100
164 33.6 26.1 39.1
127 41.9 31.1 46.7



#45
2-Nitroaniline
Concen: 177.196 ng/ul
RT: 13.746 min Scan# 1778
Delta R.T. 0.018 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion: 65 Resp: 3469116
Ion Ratio Lower Upper
65 100
92 64.5 52.6 78.8
138 99.4 81.4 122.2

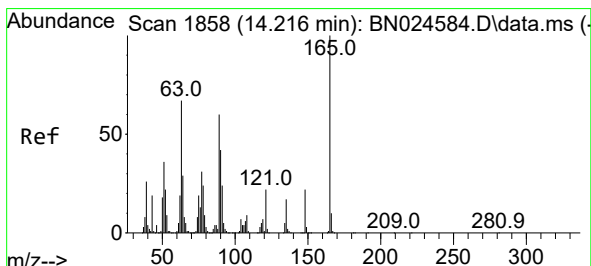
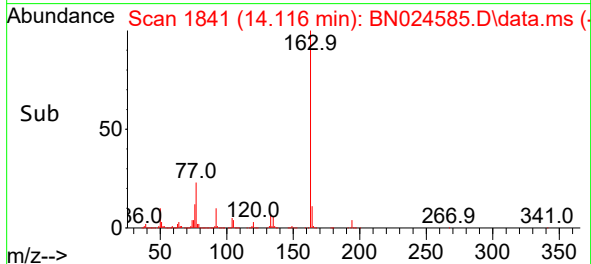
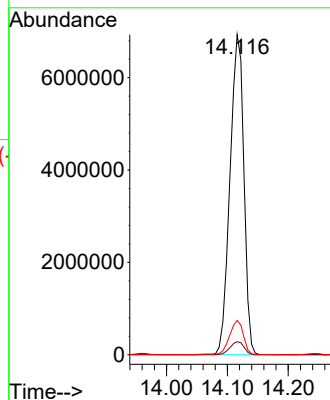
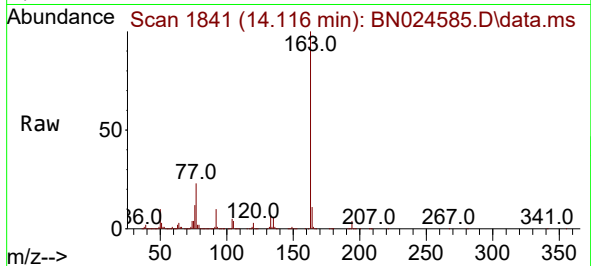




#47
Dimethylphthalate
Concen: 137.938 ng/ul
RT: 14.116 min Scan# 1841
Delta R.T. 0.018 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

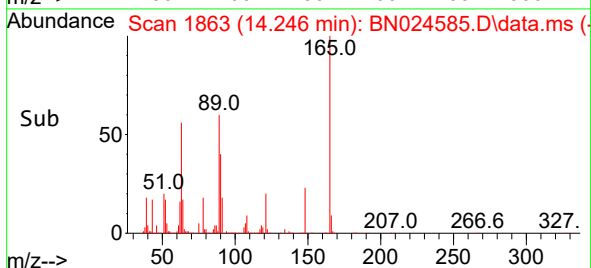
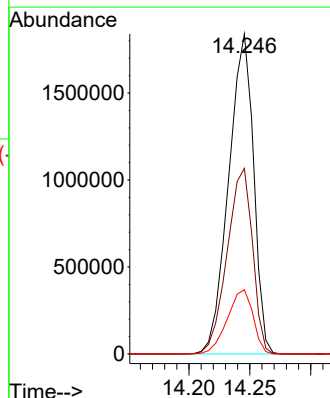
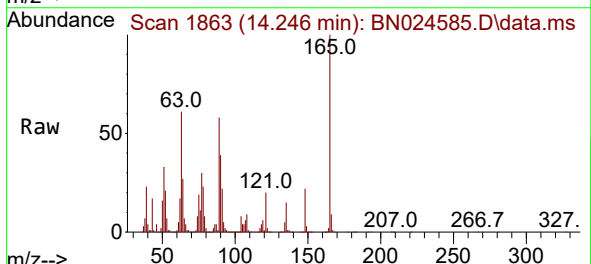
Instrument :
BNA_N
ClientSampleId :
SSTD160209

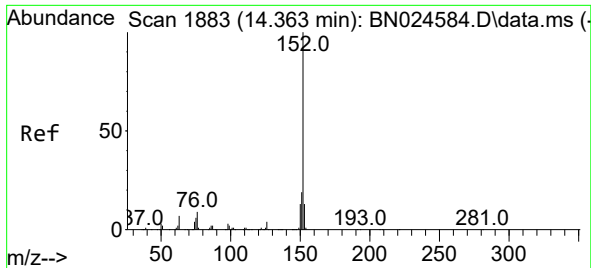
Tgt Ion:163 Resp:10943185
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.7 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 174.802 ng/ul
RT: 14.246 min Scan# 1863
Delta R.T. 0.029 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:165 Resp: 2626811
Ion Ratio Lower Upper
165 100
89 58.0 47.8 71.6
121 20.1 17.3 25.9

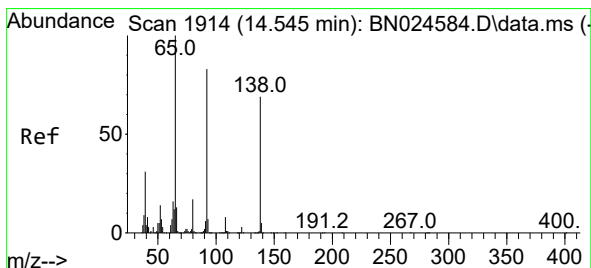
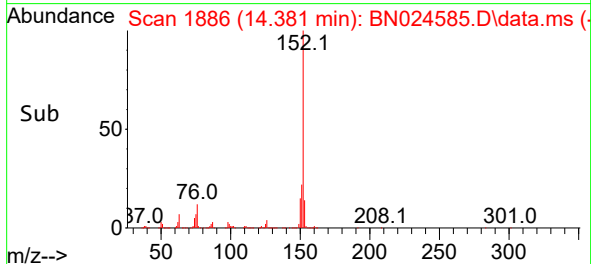
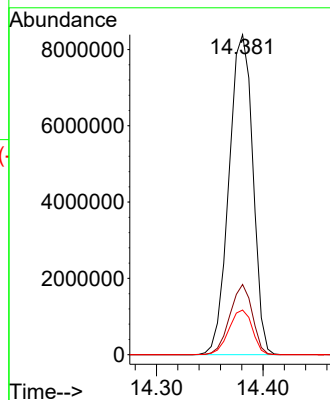
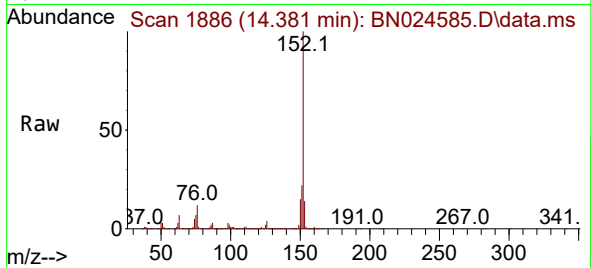




#50
Acenaphthylene
Concen: 134.313 ng/ul
RT: 14.381 min Scan# 1886
Delta R.T. 0.018 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

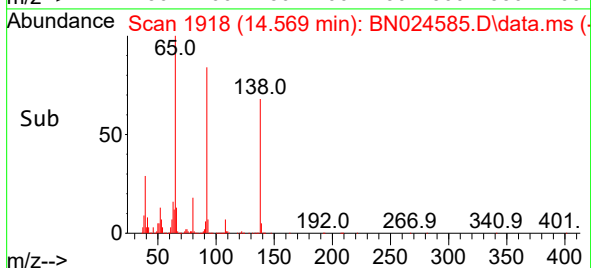
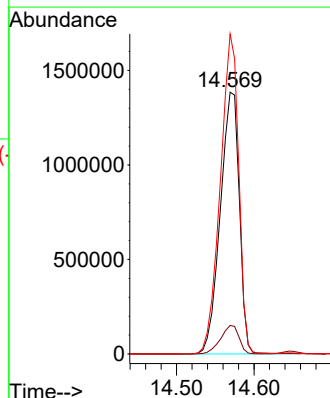
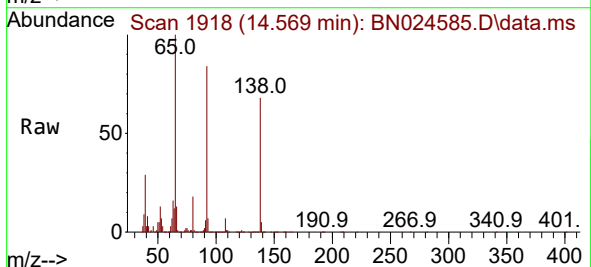
Instrument :
BNA_N
ClientSampleId :
SSTD160209

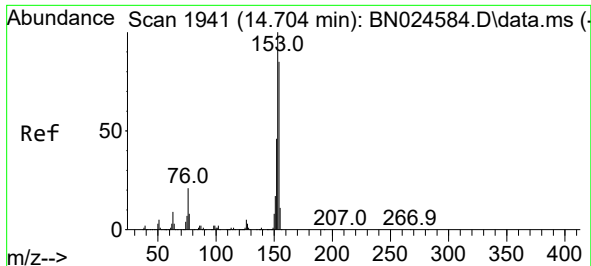
Tgt Ion:152 Resp:13081420
Ion Ratio Lower Upper
152 100
151 22.0 15.5 23.3
153 14.0 10.3 15.5



#51
3-Nitroaniline
Concen: 147.987 ng/ul
RT: 14.569 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:138 Resp: 2363787
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 122.2 96.1 144.1

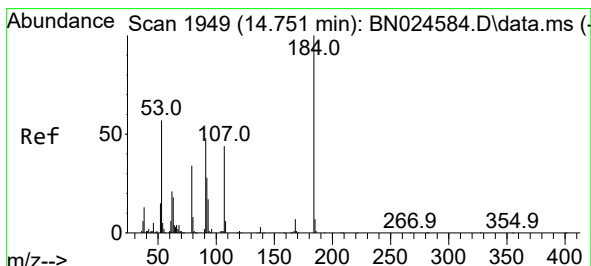
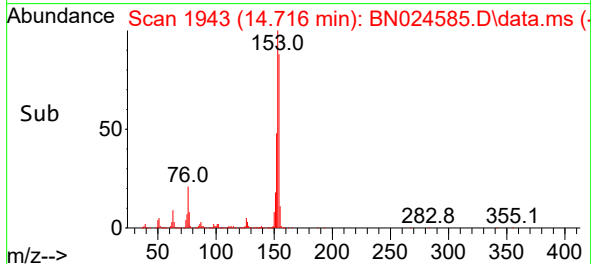
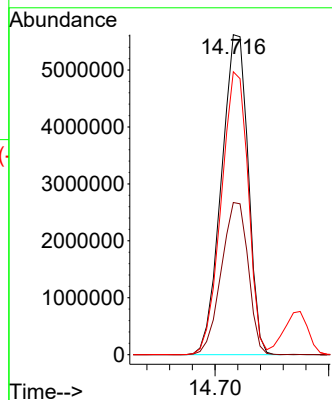
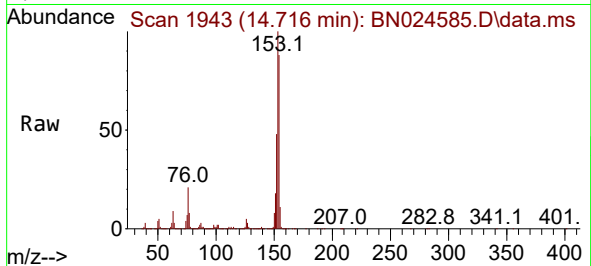




#52
Acenaphthene
Concen: 135.366 ng/ul
RT: 14.716 min Scan# 1943
Delta R.T. 0.012 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

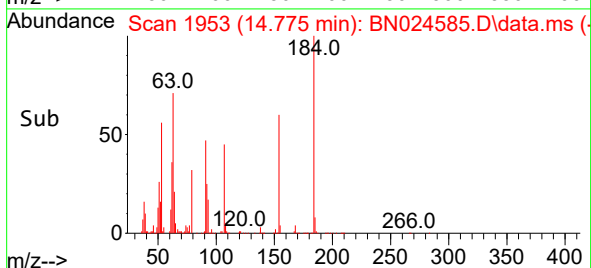
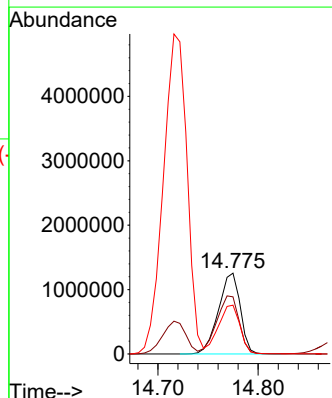
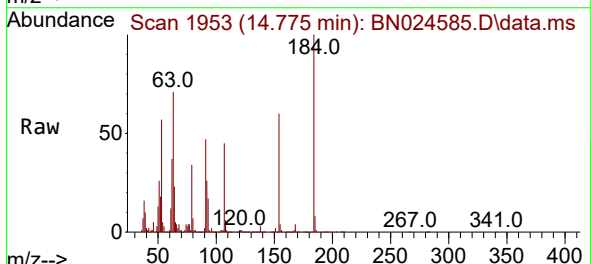
Instrument :
BNA_N
ClientSampleId :
SSTD160209

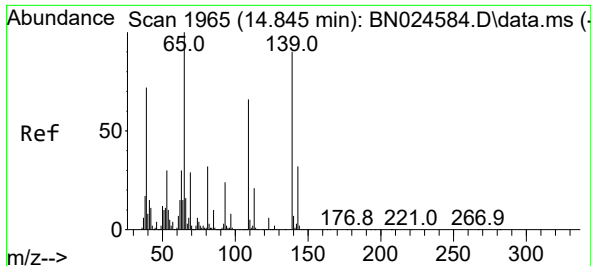
Tgt Ion:153 Resp: 9187223
Ion Ratio Lower Upper
153 100
152 47.6 36.6 55.0
154 88.4 67.7 101.5



#53
2,4-Dinitrophenol
Concen: 185.539 ng/ul
RT: 14.775 min Scan# 1953
Delta R.T. 0.024 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:184 Resp: 1893881
Ion Ratio Lower Upper
184 100
63 70.7 59.1 88.7
154 60.5 49.2 73.8

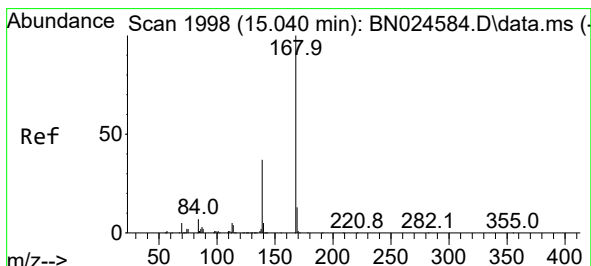
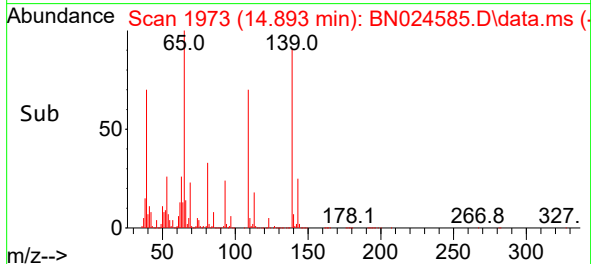
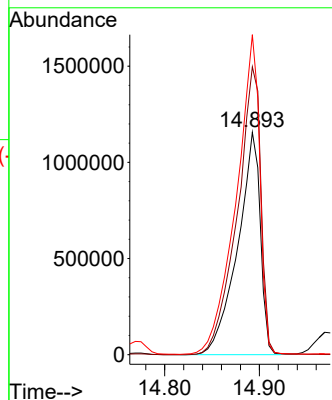
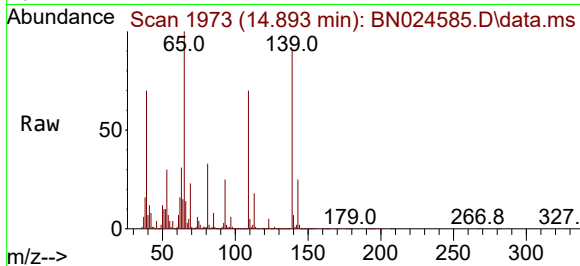




#55
4-Nitrophenol
Concen: 153.344 ng/ul
RT: 14.893 min Scan# 1965
Delta R.T. 0.047 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

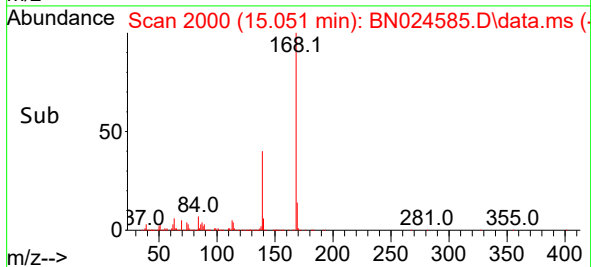
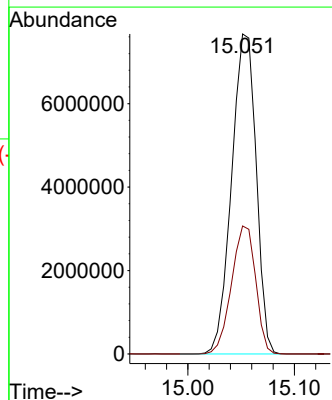
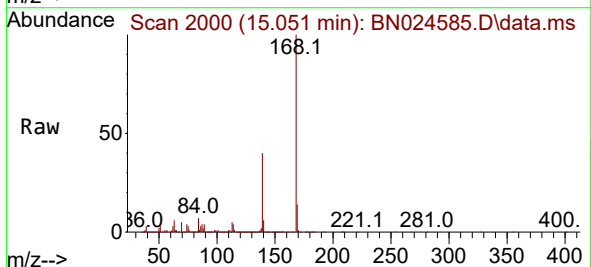
Instrument :
BNA_N
ClientSampleId :
SSTD160209

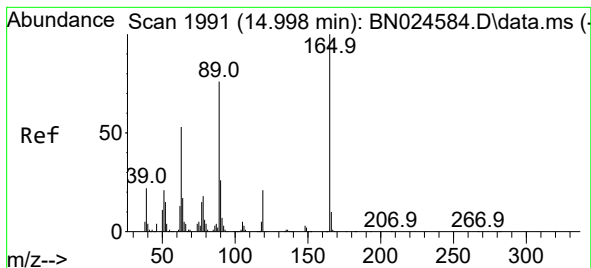
Tgt Ion:109 Resp: 1918358
Ion Ratio Lower Upper
109 100
139 129.4 108.4 162.6
65 143.9 121.1 181.7



#56
Dibenzofuran
Concen: 130.212 ng/ul
RT: 15.051 min Scan# 2000
Delta R.T. 0.012 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:168 Resp:12297310
Ion Ratio Lower Upper
168 100
139 40.0 30.0 45.0

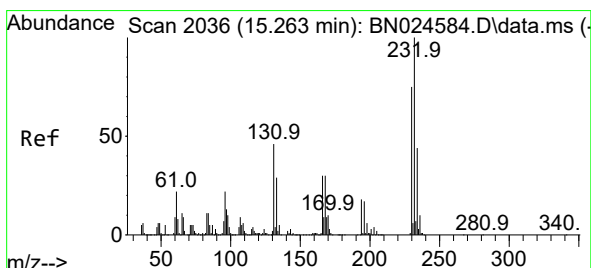
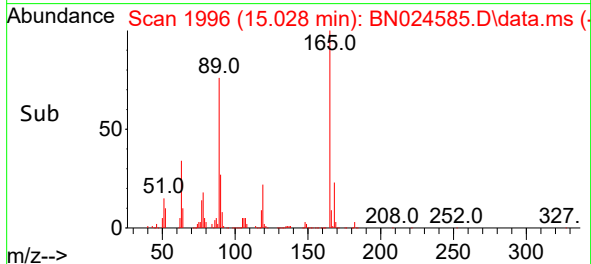
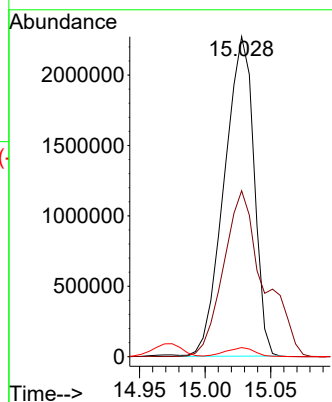
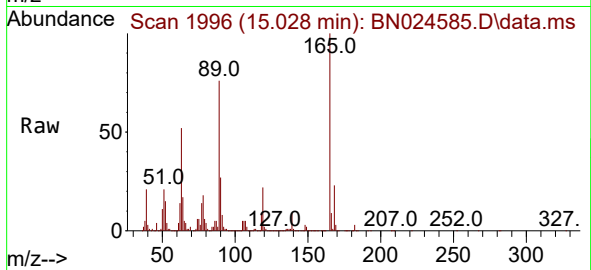




#57
2,4-Dinitrotoluene
Concen: 162.792 ng/ul
RT: 15.028 min Scan# 1996
Delta R.T. 0.029 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

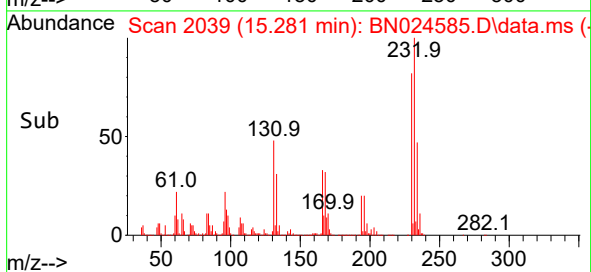
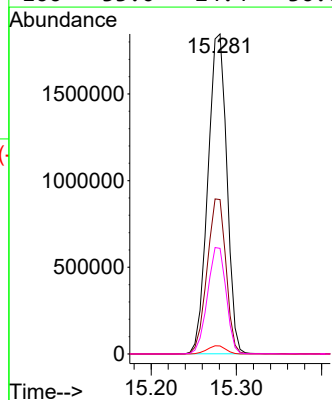
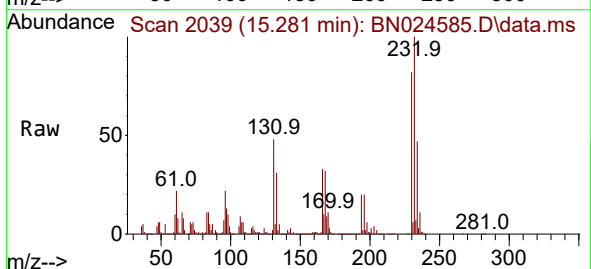
Instrument :
BNA_N
ClientSampleId :
SSTD160209

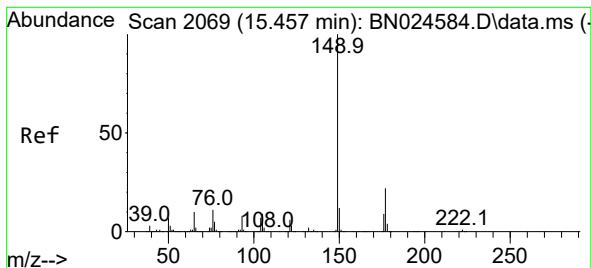
Tgt Ion:165 Resp: 3583885
Ion Ratio Lower Upper
165 100
63 51.8 42.2 63.4
182 2.8 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 154.781 ng/ul
RT: 15.281 min Scan# 2039
Delta R.T. 0.018 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:232 Resp: 2844273
Ion Ratio Lower Upper
232 100
131 48.3 36.5 54.7
130 2.5 1.8 2.8
166 33.0 24.4 36.6





#59

Diethylphthalate

Concen: 143.187 ng/ul

RT: 15.475 min Scan# 2069

Delta R.T. 0.018 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD160209

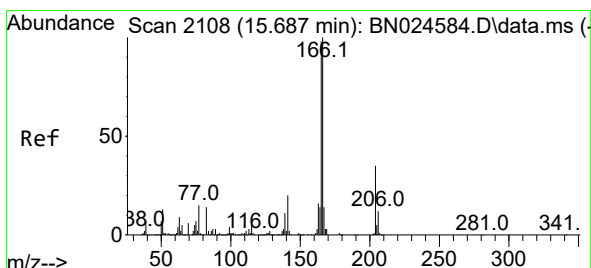
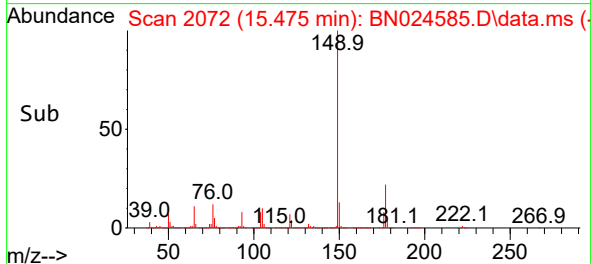
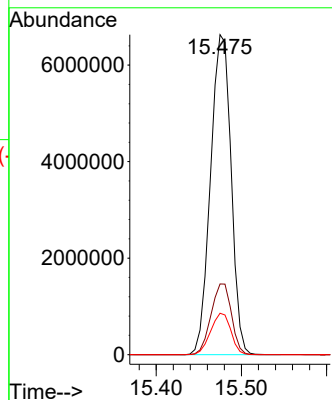
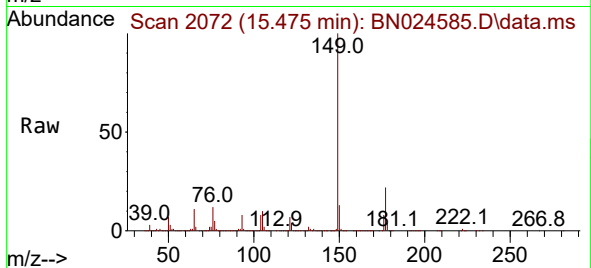
Tgt Ion:149 Resp:11115947

Ion Ratio Lower Upper

149 100

177 22.1 17.5 26.3

150 13.0 9.8 14.6



#61

Fluorene

Concen: 122.410 ng/ul

RT: 15.704 min Scan# 2111

Delta R.T. 0.018 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

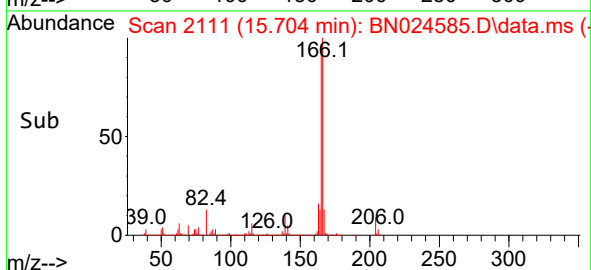
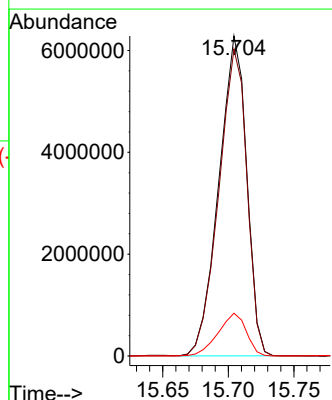
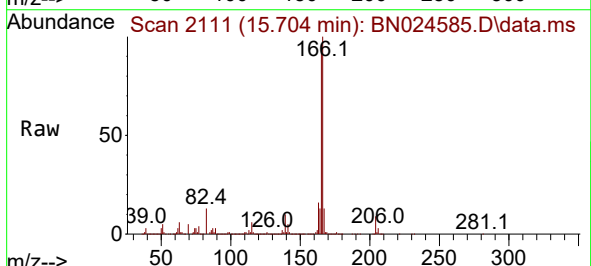
Tgt Ion:166 Resp: 9269305

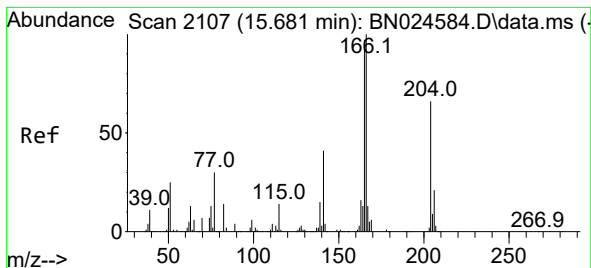
Ion Ratio Lower Upper

166 100

165 95.8 78.6 118.0

167 13.4 11.0 16.4

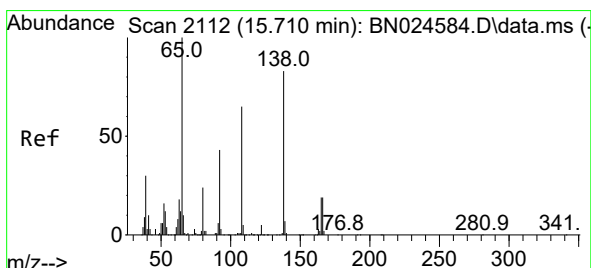
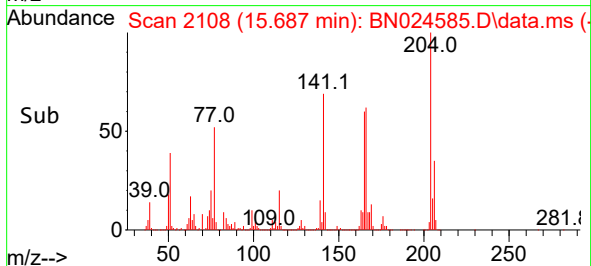
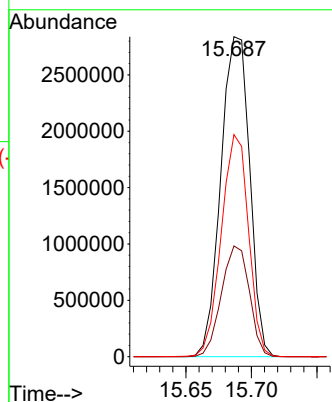
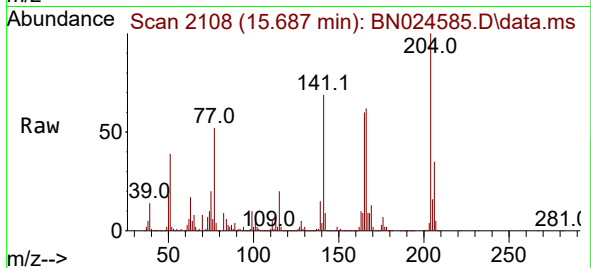




#62
4-Chlorophenyl-phenylether
Concen: 121.005 ng/ul
RT: 15.687 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

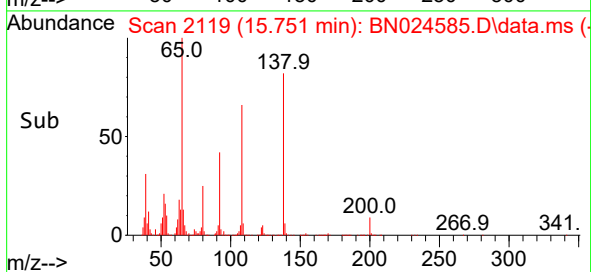
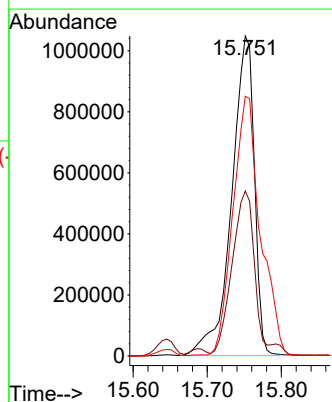
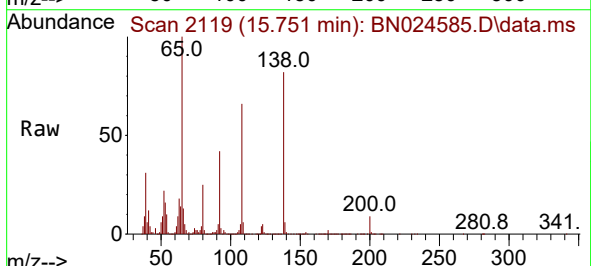
Instrument :
BNA_N
ClientSampleId :
SSTD160209

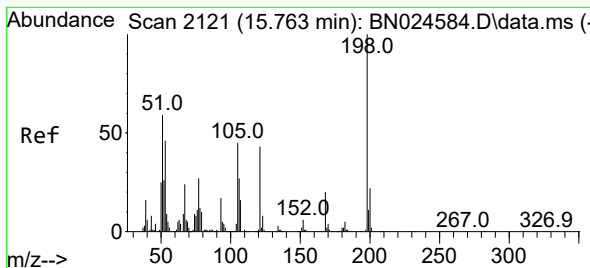
Tgt Ion:204 Resp: 4347535
Ion Ratio Lower Upper
204 100
206 34.6 25.9 38.9
141 69.4 49.9 74.9



#63
4-Nitroaniline
Concen: 141.747 ng/ul
RT: 15.751 min Scan# 2119
Delta R.T. 0.041 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:138 Resp: 2230458
Ion Ratio Lower Upper
138 100
92 51.6 41.5 62.3
108 81.2 63.0 94.4

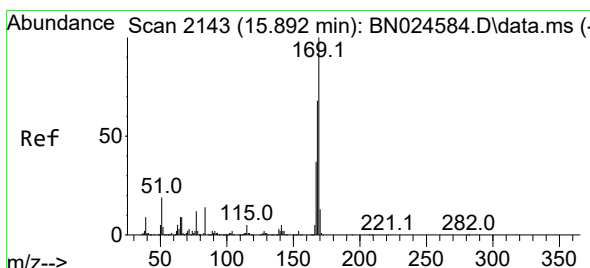
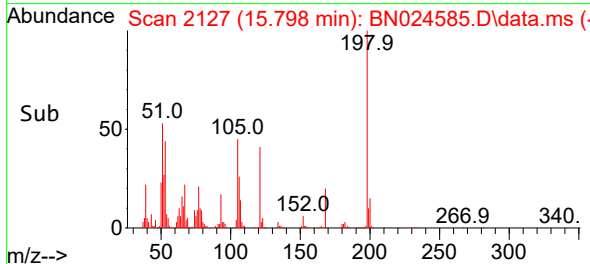
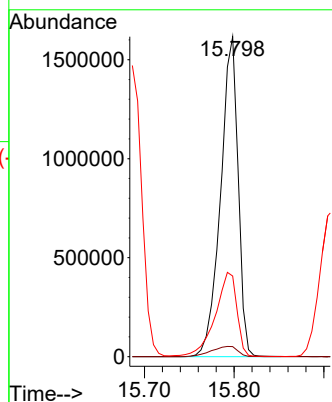
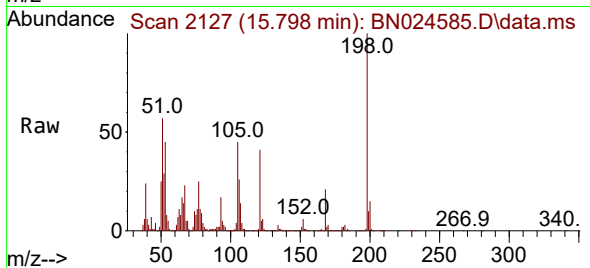




#66
4,6-Dinitro-2-methylphenol
Concen: 160.165 ng/ul
RT: 15.798 min Scan# 2127
Delta R.T. 0.035 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

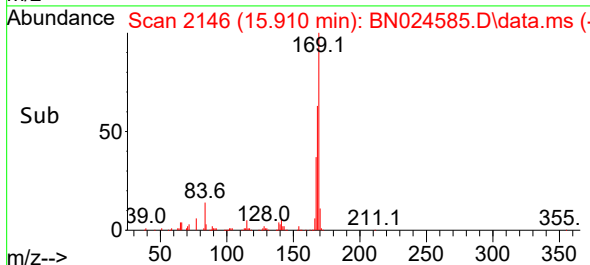
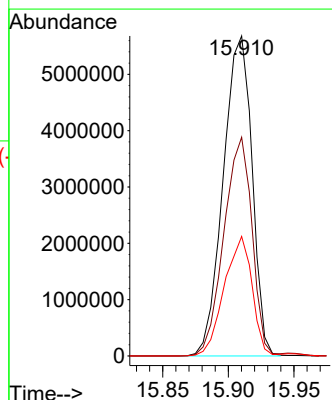
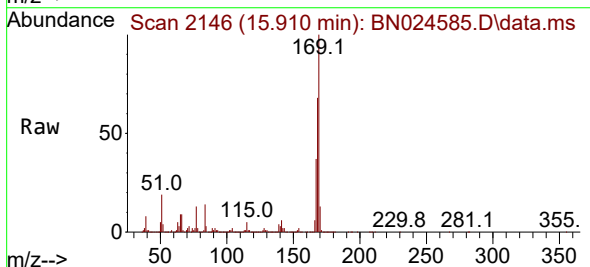
Instrument :
BNA_N
ClientSampleId :
SSTD160209

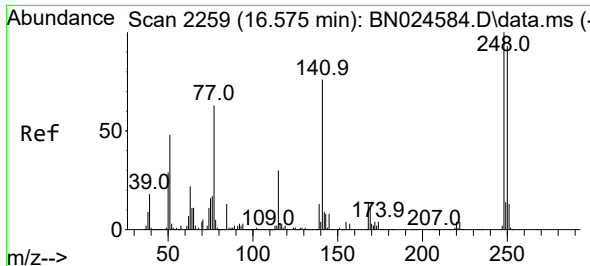
Tgt Ion:198 Resp: 2196425
Ion Ratio Lower Upper
198 100
182 3.1 3.9 5.9#
77 25.2 22.2 33.2



#67
N-Nitrosodiphenylamine
Concen: 138.005 ng/ul
RT: 15.910 min Scan# 2146
Delta R.T. 0.018 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:169 Resp: 8688837
Ion Ratio Lower Upper
169 100
168 68.3 54.3 81.5
167 37.4 29.4 44.0

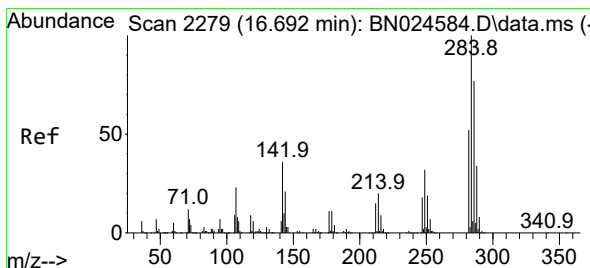
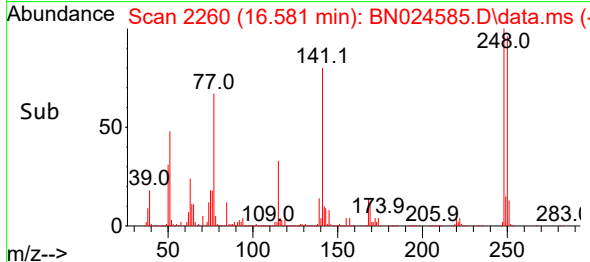
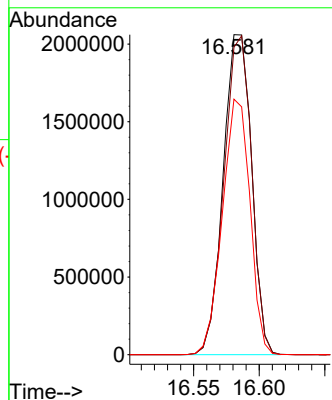
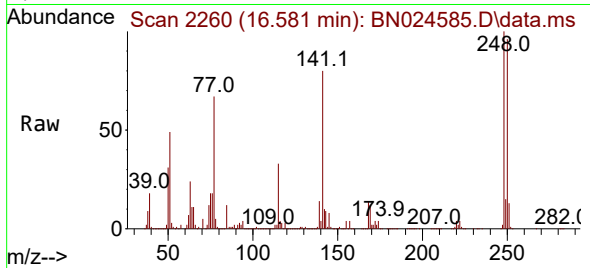




#68
4-Bromophenyl-phenylether
Concen: 147.910 ng/ul
RT: 16.581 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

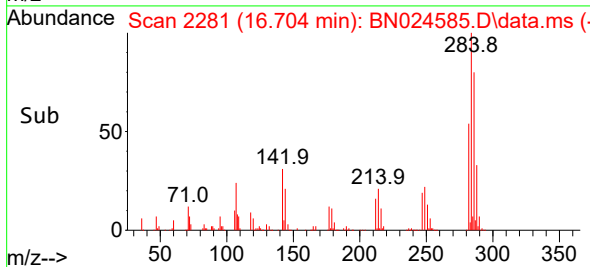
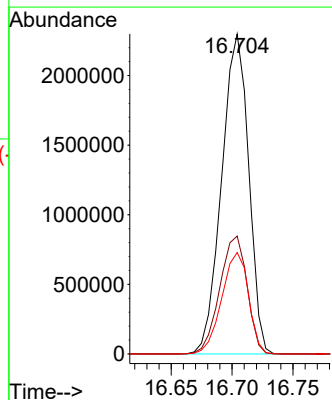
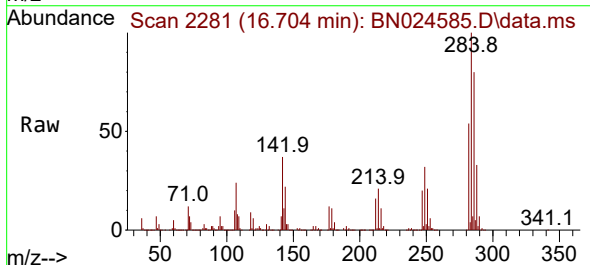
Instrument :
BNA_N
ClientSampleId :
SSTD160209

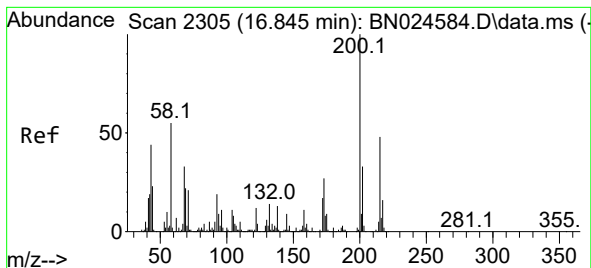
Tgt Ion:248 Resp: 3108171
Ion Ratio Lower Upper
248 100
250 96.0 74.5 111.7
141 79.8 60.7 91.1



#69
Hexachlorobenzene
Concen: 143.345 ng/ul
RT: 16.704 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:284 Resp: 3545068
Ion Ratio Lower Upper
284 100
142 36.8 28.5 42.7
249 31.7 25.5 38.3





#70

Atrazine

Concen: 147.211 ng/ul

RT: 16.869 min Scan# 21

Delta R.T. 0.024 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD160209

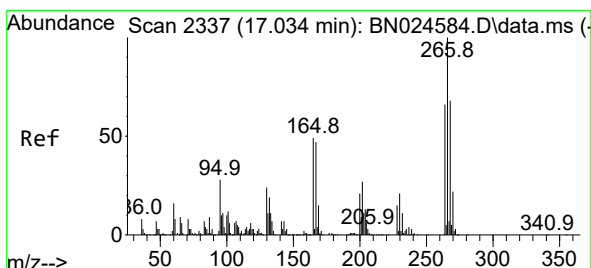
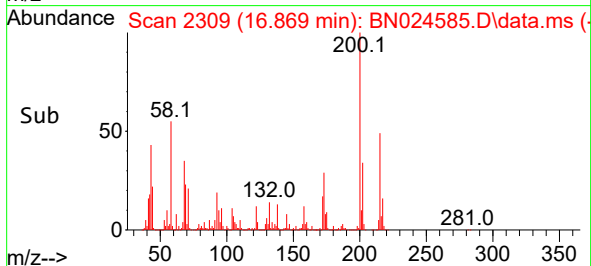
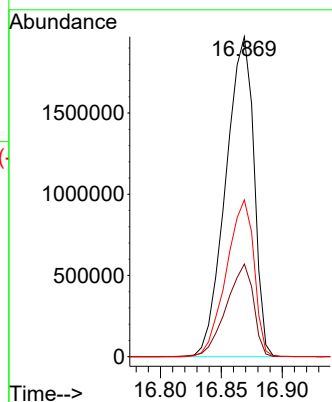
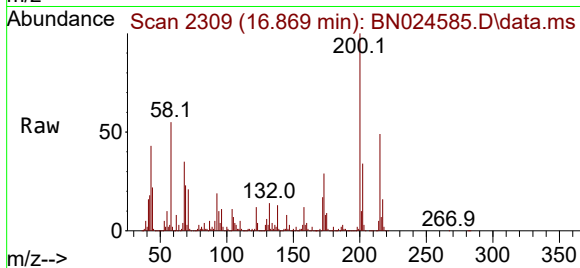
Tgt Ion:200 Resp: 3166588

Ion Ratio Lower Upper

200 100

173 29.0 21.8 32.6

215 49.0 38.2 57.2



#71

Pentachlorophenol

Concen: 163.016 ng/ul

RT: 17.045 min Scan# 2339

Delta R.T. 0.012 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

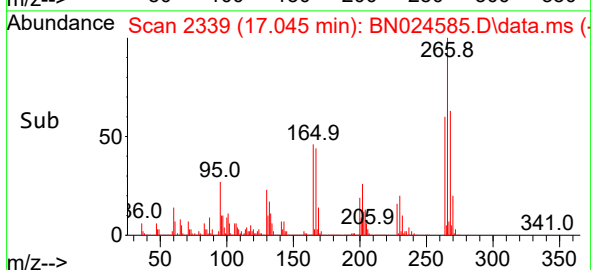
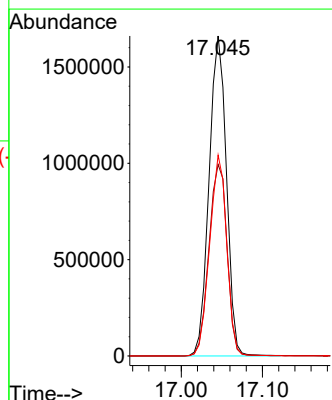
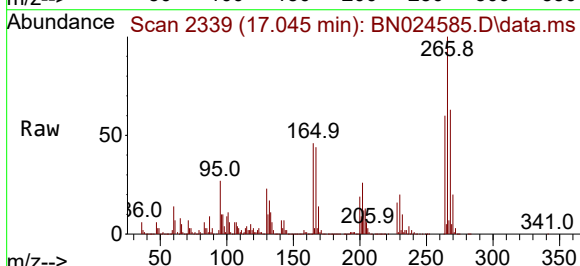
Tgt Ion:266 Resp: 2464469

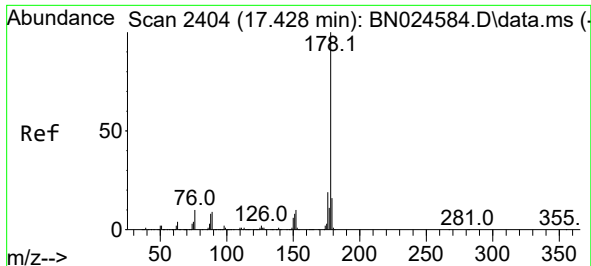
Ion Ratio Lower Upper

266 100

264 59.8 52.5 78.7

268 62.8 54.4 81.6

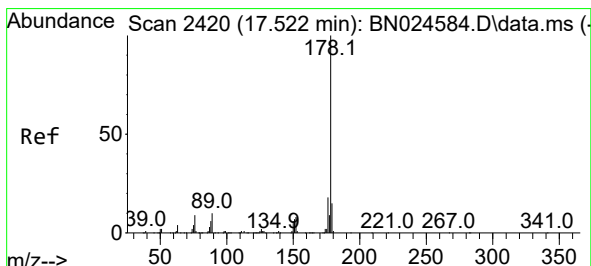
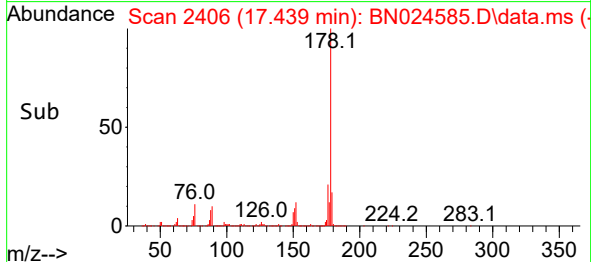
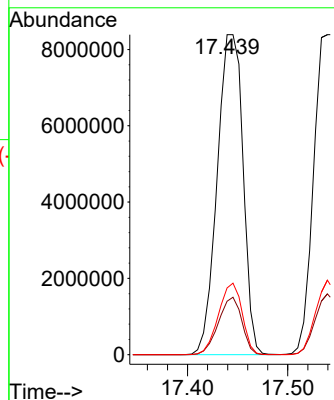
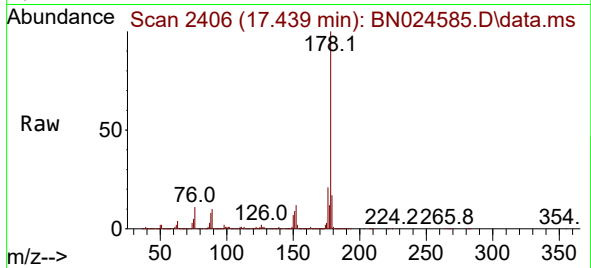




#72
Phenanthrene
Concen: 127.259 ng/ul
RT: 17.439 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

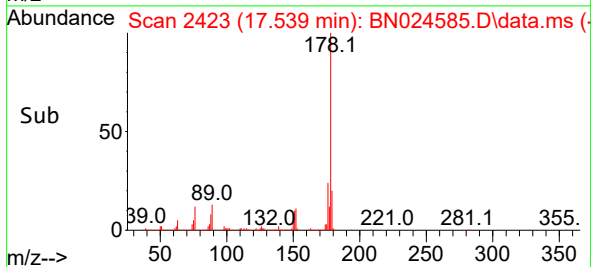
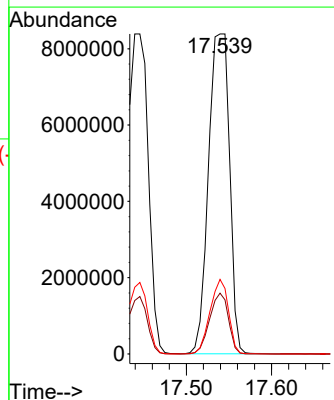
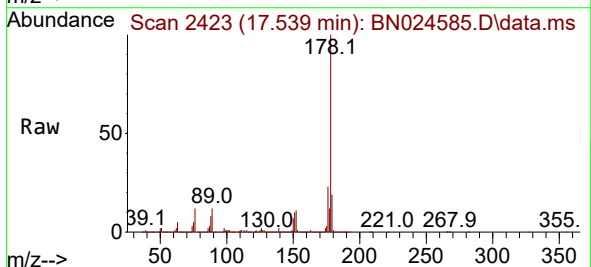
Instrument :
BNA_N
ClientSampleId :
SSTD160209

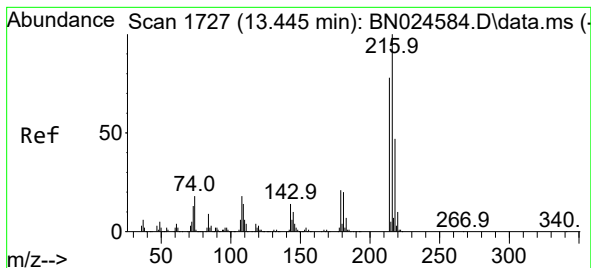
Tgt Ion:178 Resp:15014004
Ion Ratio Lower Upper
178 100
179 16.7 12.7 19.1
176 20.9 15.5 23.3



#74
Anthracene
Concen: 121.671 ng/ul
RT: 17.539 min Scan# 2423
Delta R.T. 0.018 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:178 Resp:14421051
Ion Ratio Lower Upper
178 100
179 19.0 11.9 17.9#
176 23.3 14.1 21.1#





#75

1,2,3,4-Tetrachlorobenzene

Concen: 147.795 ng/uL

RT: 13.457 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD160209

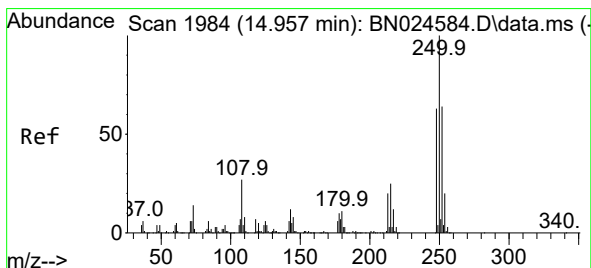
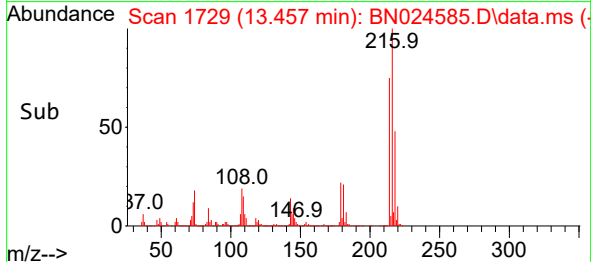
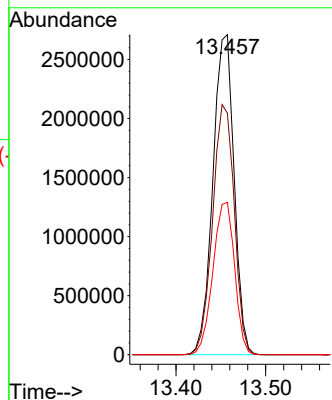
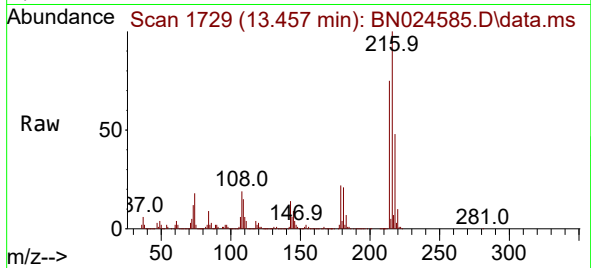
Tgt Ion:216 Resp: 4448739

Ion Ratio Lower Upper

216 100

214 75.4 62.7 94.1

218 47.6 38.0 57.0



#76

Pentachlorobenzene

Concen: 144.799 ng/uL

RT: 14.975 min Scan# 1987

Delta R.T. 0.018 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

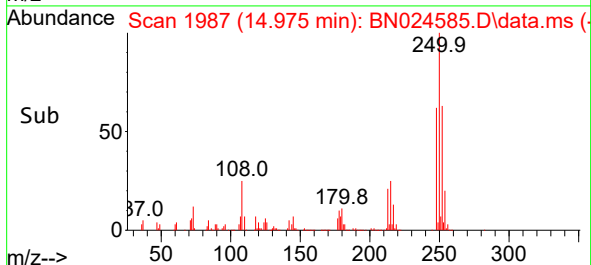
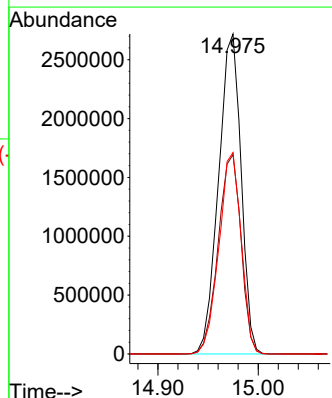
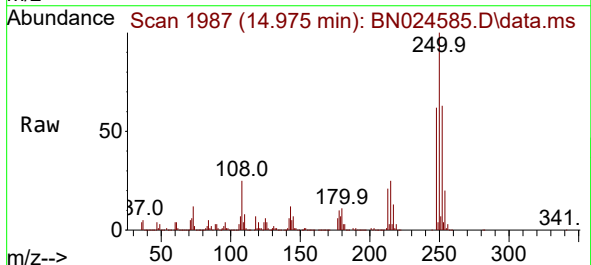
Tgt Ion:250 Resp: 4233807

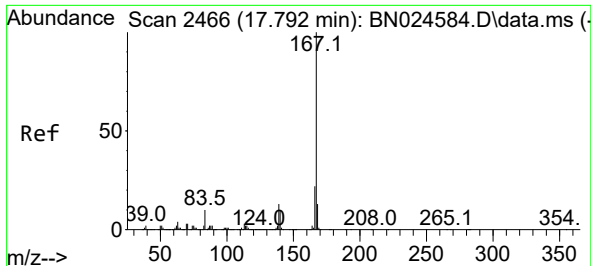
Ion Ratio Lower Upper

250 100

248 62.3 50.5 75.7

252 63.0 50.9 76.3

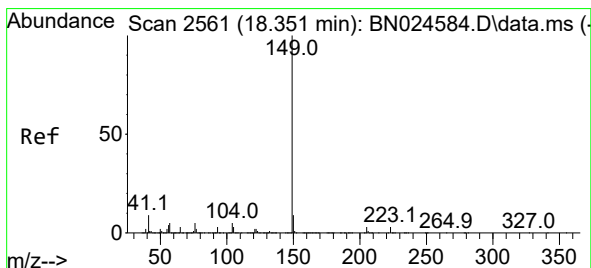
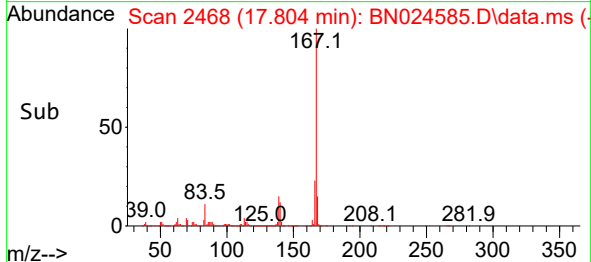
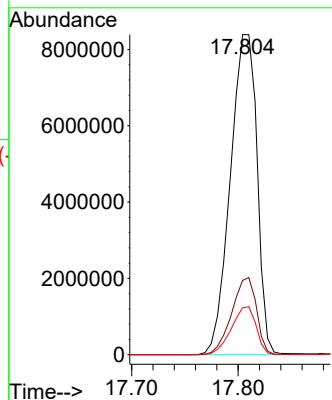
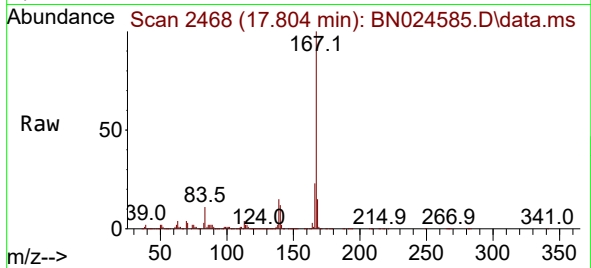




#77
 Carbazole
 Concen: 137.348 ng/ul
 RT: 17.804 min Scan# 2468
 Delta R.T. 0.012 min
 Lab File: BN024585.D
 Acq: 28 Mar 2023 15:09

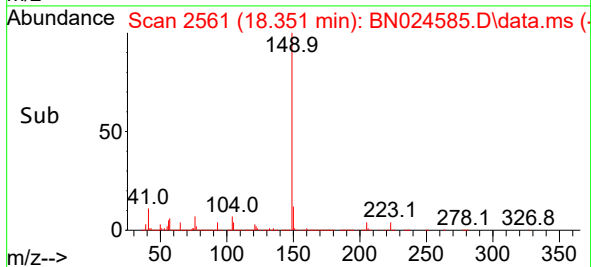
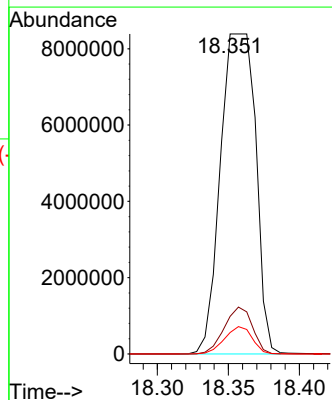
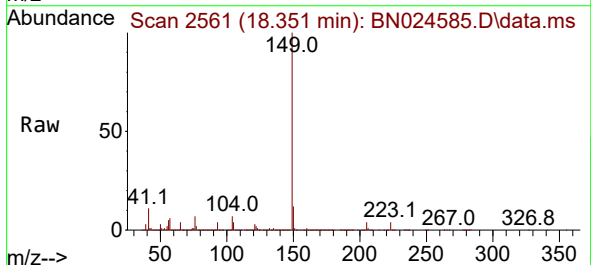
Instrument :
 BNA_N
 ClientSampleId :
 SSTD160209

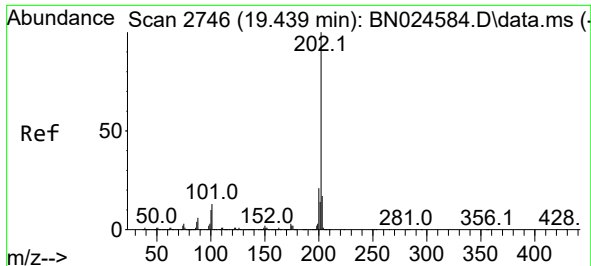
Tgt Ion:167 Resp:14637015
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.4 26.2
 139 14.6 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 120.210 ng/ul
 RT: 18.351 min Scan# 2561
 Delta R.T. 0.000 min
 Lab File: BN024585.D
 Acq: 28 Mar 2023 15:09

Tgt Ion:149 Resp:14516708
 Ion Ratio Lower Upper
 149 100
 150 11.7 7.4 11.2#
 104 6.7 4.1 6.1#

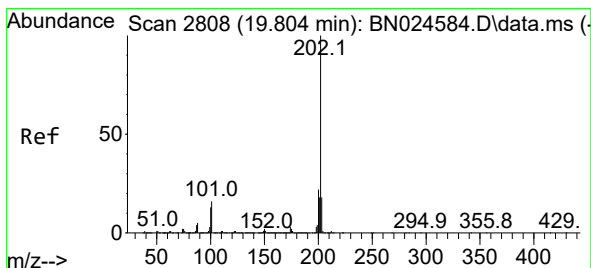
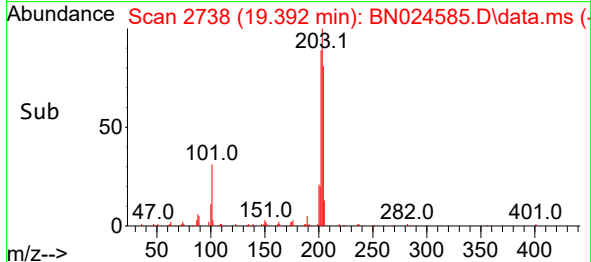
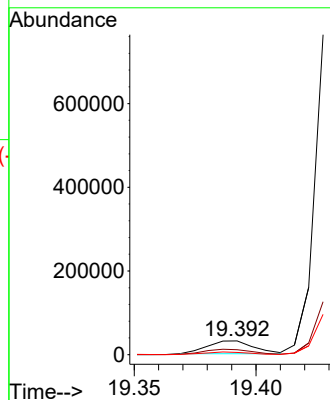
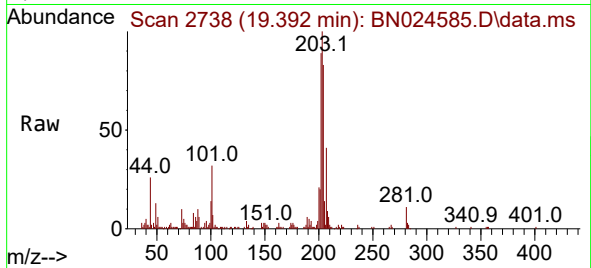




#80
Fluoranthene
Concen: 0.342 ng/ul
RT: 19.392 min Scan# 21
Delta R.T. -0.047 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

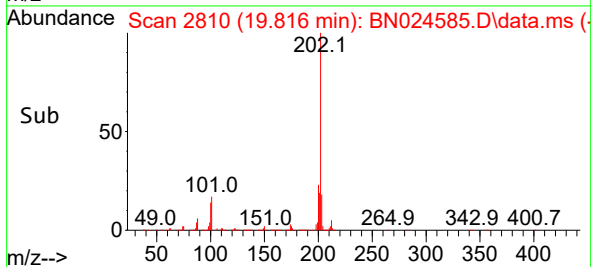
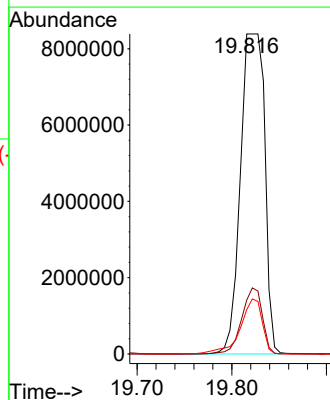
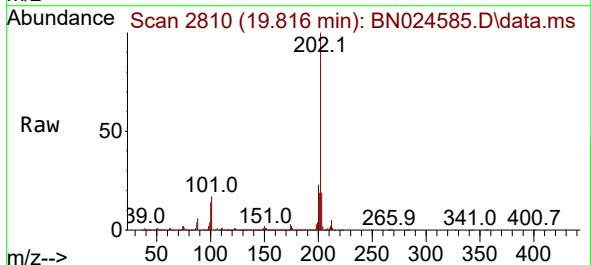
Instrument :
BNA_N
ClientSampleId :
SSTD160209

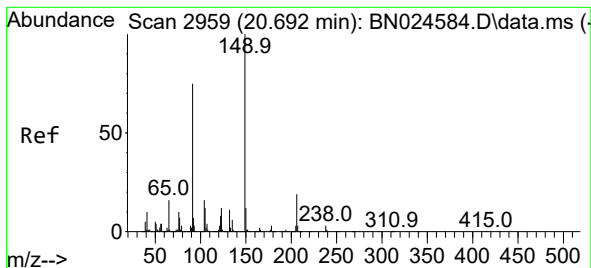
Tgt Ion:202 Resp: 40655
Ion Ratio Lower Upper
202 100
101 36.3 10.3 15.5#
100 15.7 8.2 12.2#



#82
Pyrene
Concen: 119.201 ng/ul
RT: 19.816 min Scan# 2810
Delta R.T. 0.012 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:202 Resp:14940929
Ion Ratio Lower Upper
202 100
101 16.9 12.5 18.7
100 13.8 10.1 15.1





#83

Butylbenzylphthalate

Concen: 174.715 ng/ul

RT: 20.704 min Scan# 2959

Delta R.T. 0.012 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD160209

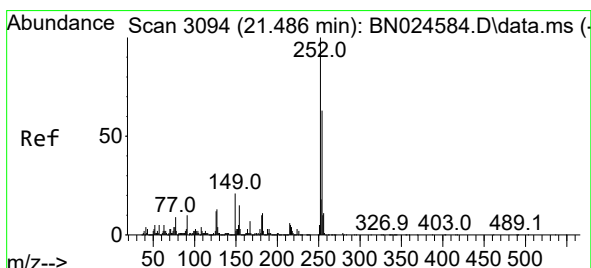
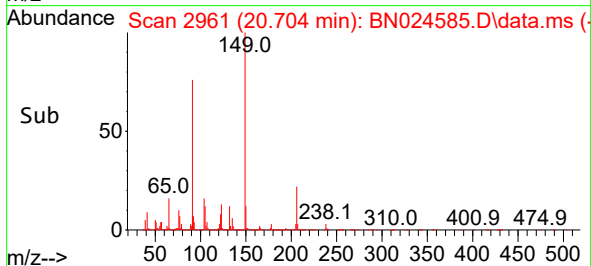
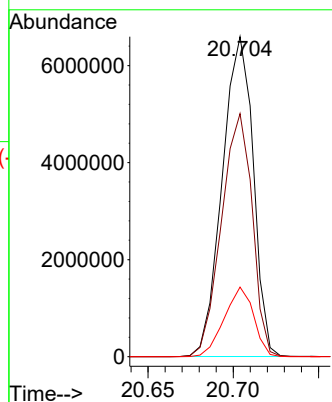
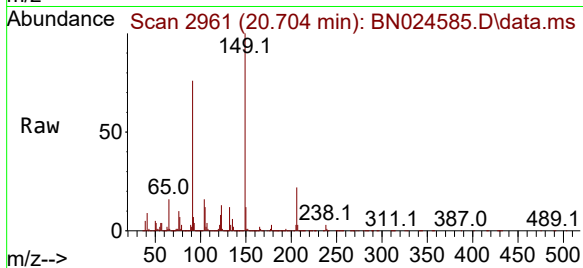
Tgt Ion:149 Resp: 8338376

Ion Ratio Lower Upper

149 100

91 76.0 59.7 89.5

206 21.8 15.4 23.2



#84

3,3'-Dichlorobenzidine

Concen: 145.656 ng/ul

RT: 21.504 min Scan# 3097

Delta R.T. 0.018 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

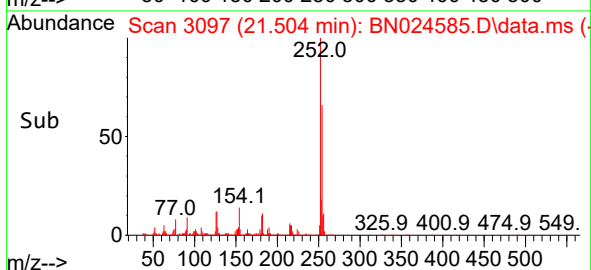
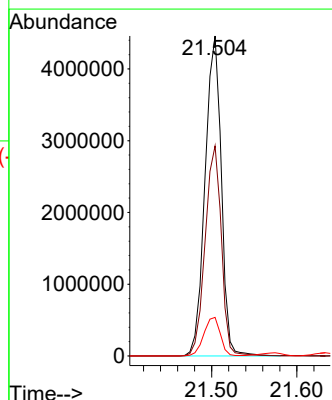
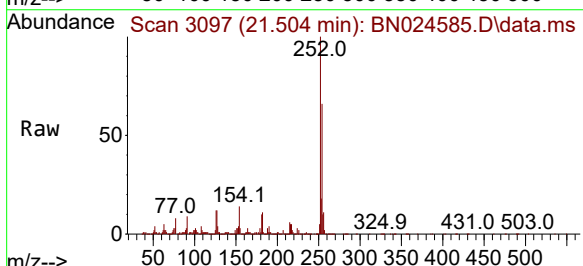
Tgt Ion:252 Resp: 5903969

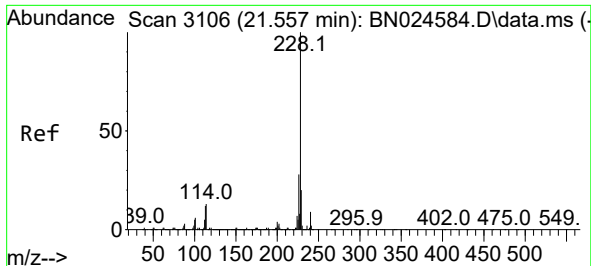
Ion Ratio Lower Upper

252 100

254 65.7 50.0 75.0

126 12.0 9.8 14.8

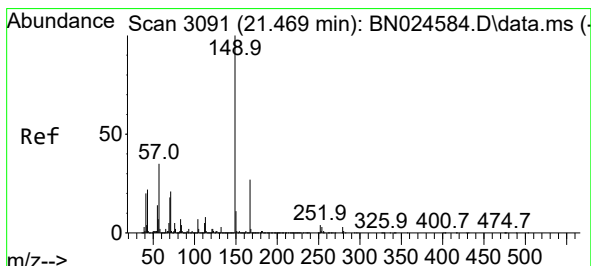
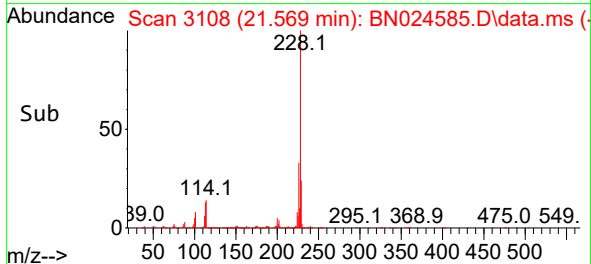
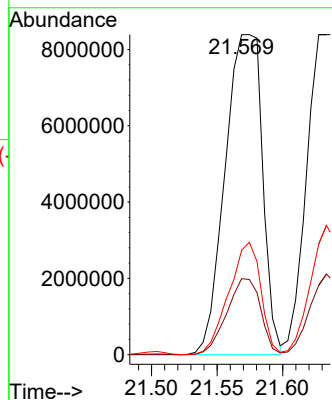
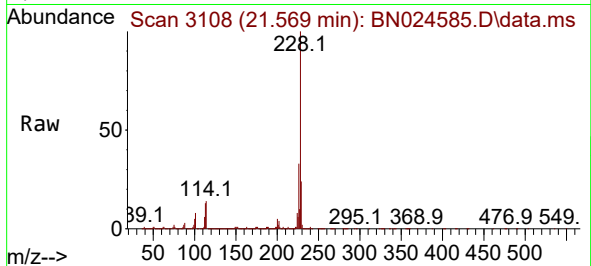




#85
Benzo(a)anthracene
Concen: 135.684 ng/ul
RT: 21.569 min Scan# 3106
Delta R.T. 0.012 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

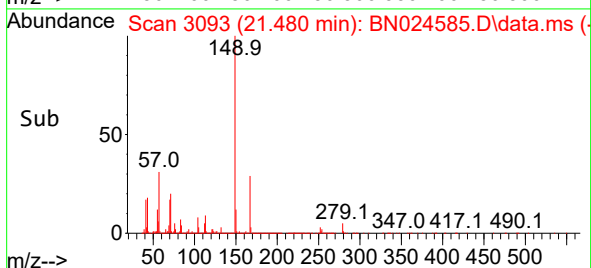
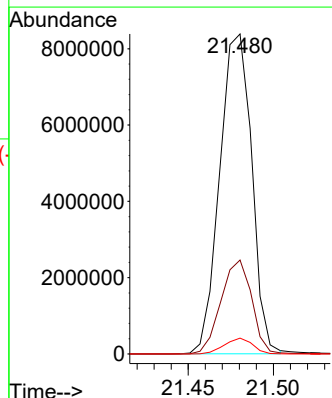
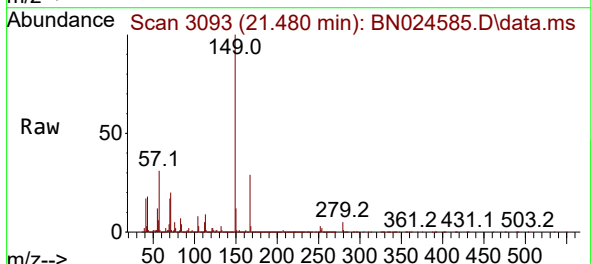
Instrument :
BNA_N
ClientSampleId :
SSTD160209

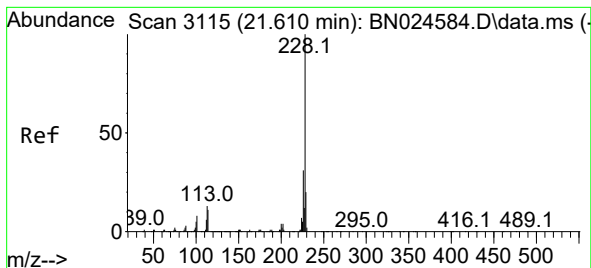
Tgt Ion:228 Resp:16620206
Ion Ratio Lower Upper
228 100
229 23.7 15.8 23.8
226 32.6 22.7 34.1



#86
Bis(2-ethylhexyl)phthalate
Concen: 164.629 ng/ul
RT: 21.480 min Scan# 3093
Delta R.T. 0.012 min
Lab File: BN024585.D
Acq: 28 Mar 2023 15:09

Tgt Ion:149 Resp:10954782
Ion Ratio Lower Upper
149 100
167 29.3 21.6 32.4
279 4.9 2.7 4.1#





#87

Chrysene

Concen: 127.940 ng/ul

RT: 21.627 min Scan# 3118

Delta R.T. 0.018 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD160209

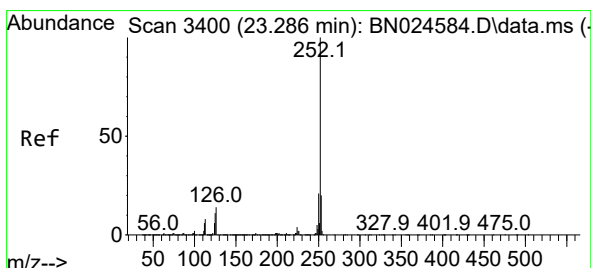
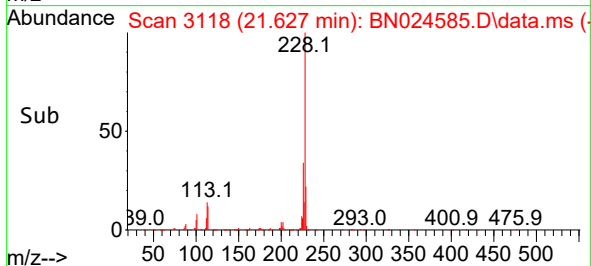
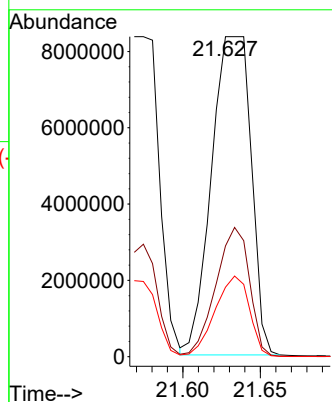
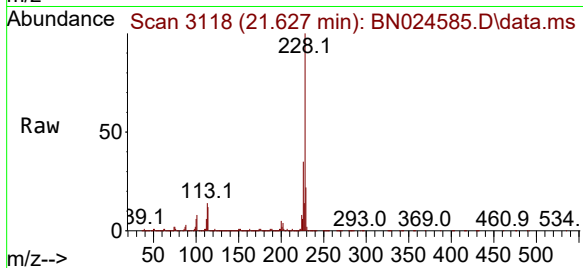
Tgt Ion:228 Resp:14829172

Ion Ratio Lower Upper

228 100

226 34.6 24.8 37.2

229 21.7 16.4 24.6



#90

Benzo(b)fluoranthene

Concen: 153.544 ng/ul

RT: 23.321 min Scan# 3406

Delta R.T. 0.035 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

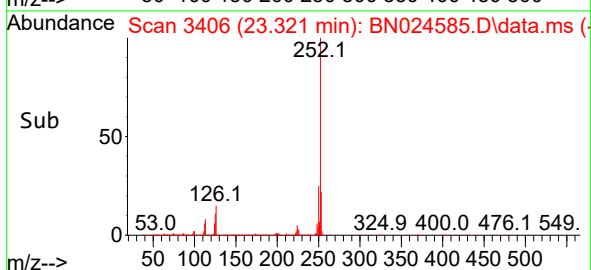
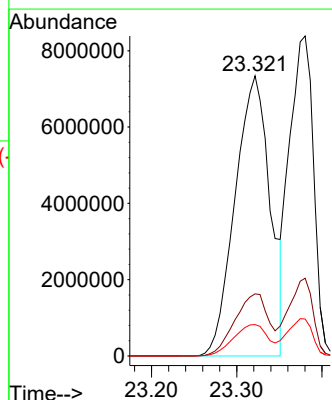
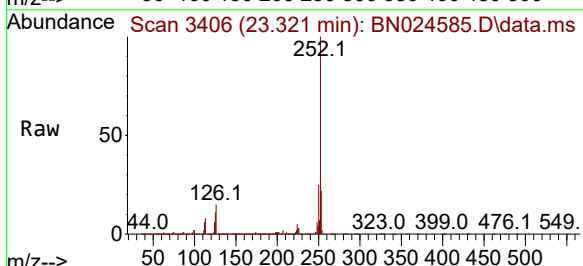
Tgt Ion:252 Resp:20936710

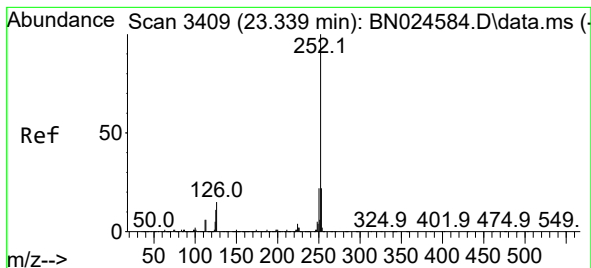
Ion Ratio Lower Upper

252 100

253 22.1 15.8 23.8

125 11.2 8.6 13.0





#91

Benzo(k)fluoranthene

Concen: 125.916 ng/ul

RT: 23.380 min Scan# 3409

Delta R.T. 0.041 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD160209

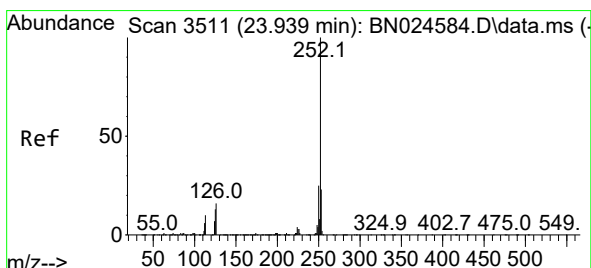
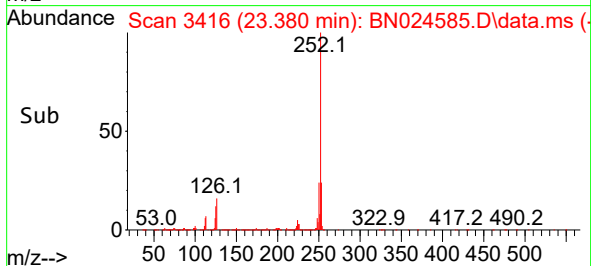
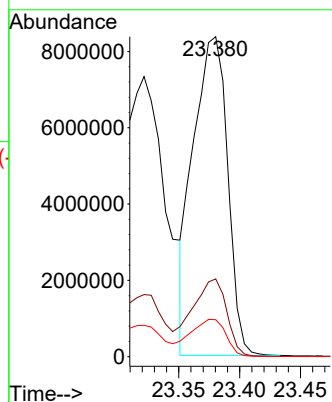
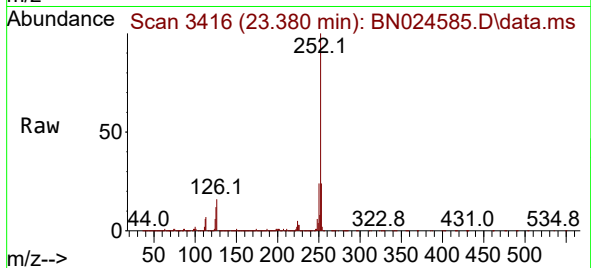
Tgt Ion:252 Resp:16390932

Ion Ratio Lower Upper

252 100

253 24.3 17.5 26.3

125 11.6 9.2 13.8



#93

Benzo(a)pyrene

Concen: 140.612 ng/ul

RT: 23.986 min Scan# 3519

Delta R.T. 0.047 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

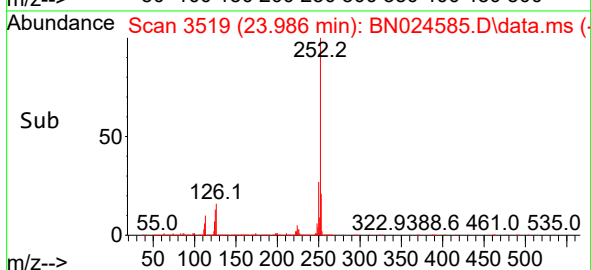
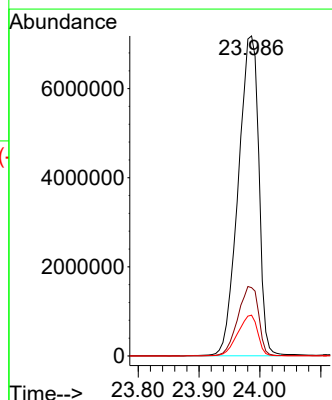
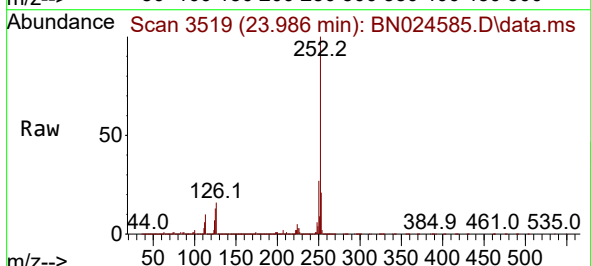
Tgt Ion:252 Resp:16789727

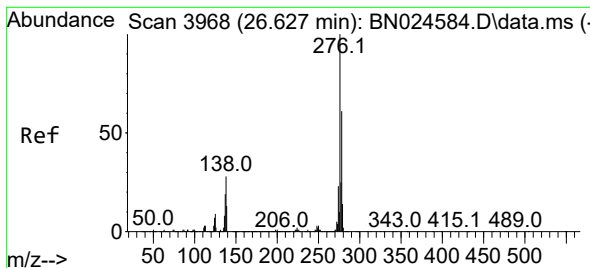
Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.4

125 12.8 10.2 15.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 105.346 ng/ul

RT: 26.686 min Scan# 3978

Delta R.T. 0.059 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD160209

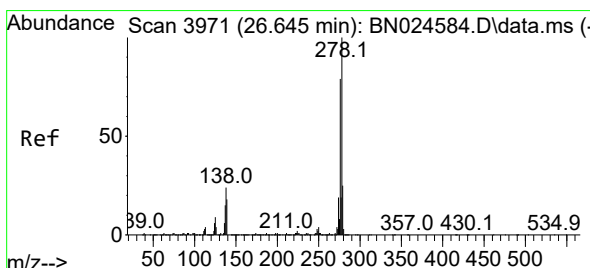
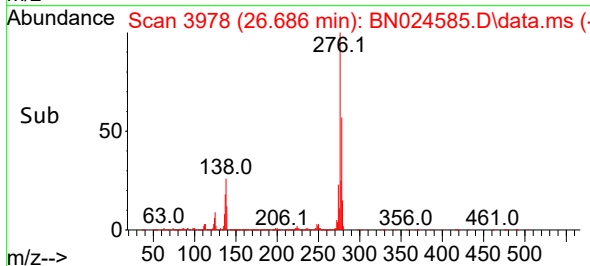
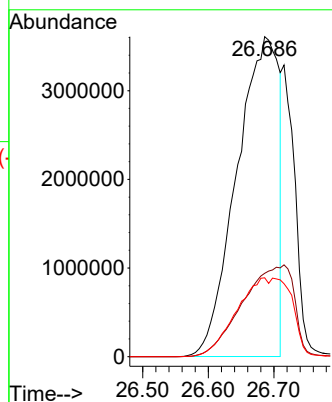
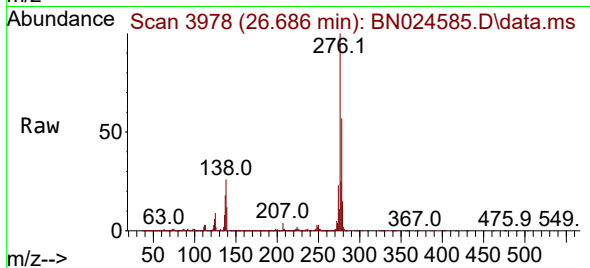
Tgt Ion:276 Resp:16066920

Ion Ratio Lower Upper

276 100

138 26.1 22.2 33.2

277 24.7 20.3 30.5



#95

Dibenzo(a,h)anthracene

Concen: 121.122 ng/ul

RT: 26.721 min Scan# 3984

Delta R.T. 0.077 min

Lab File: BN024585.D

Acq: 28 Mar 2023 15:09

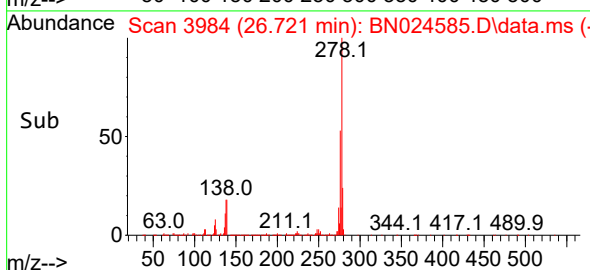
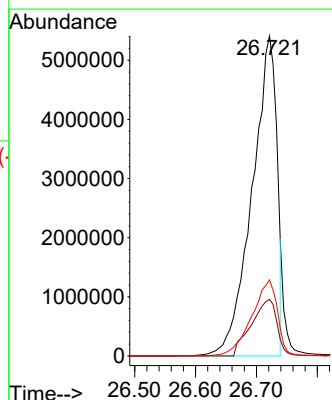
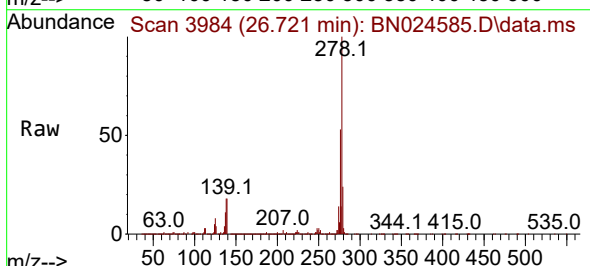
Tgt Ion:278 Resp:15335278

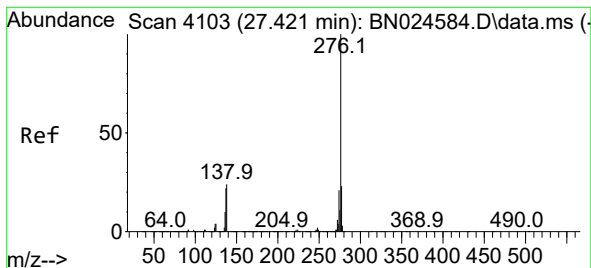
Ion Ratio Lower Upper

278 100

139 17.7 14.2 21.4

279 23.8 19.6 29.4





#96

Benzo(g,h,i)perylene

Concen: 121.449 ng/ul

RT: 27.504 min Scan# 4117

Delta R.T. 0.082 min

Lab File: BN024585.D

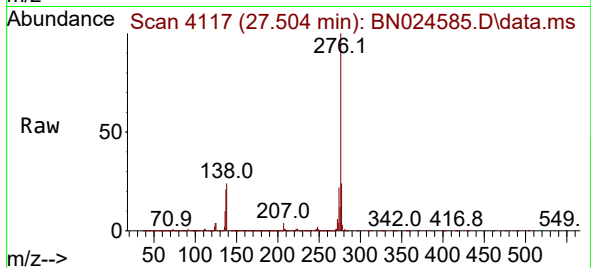
Acq: 28 Mar 2023 15:09

Instrument :

BNA_N

ClientSampleId :

SSTD160209



Tgt Ion:276 Resp:15353347

Ion Ratio Lower Upper

276 100

138 24.0 19.5 29.3

277 23.8 18.4 27.6

