

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
 Data File : BN024125.D
 Acq On : 03 Mar 2023 13:17
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV202

Quant Time: Mar 04 00:09:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 03 23:58:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	308507	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1352463	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	825293	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1755951	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1599347	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1850398	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	52875	6.686	ng/uL	0.00
4) Pyridine-d5	3.828	84	381969	17.455	ng/u1	0.00
7) Phenol-d5	7.199	99	486146	17.568	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	336555	18.992	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	384500	18.093	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	392269	17.831	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	179517	20.450	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	197558	20.638	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	386723	18.722	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	557164	18.079	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	1157086	18.166	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1369298	18.469	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	225712	18.546	ng/u1	0.00
60) Fluorene-d10	15.687	176	979211	18.293	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	173854	18.377	ng/u1	0.00
73) Anthracene-d10	17.539	188	1491963	18.016	ng/u1	0.00
81) Pyrene-d10	19.833	212	1671215	17.880	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	1742258	18.941	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	54606	6.376	ng/uL	97
5) Pyridine	3.846	79	379139	16.736	ng/u1	99
6) Benzaldehyde	7.181	77	344500	25.624	ng/u1	98
8) Phenol	7.222	94	517059	18.024	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.469	93	416586	17.921	ng/u1	99
12) 2-Chlorophenol	7.610	128	409776	18.572	ng/u1	99
13) 2-Methylphenol	8.493	108	399955	18.541	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.587	45	648193	17.576	ng/u1	99
16) Acetophenone	8.881	105	653200	19.127	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.869	70	323527	19.294	ng/u1	99
18) 4-Methylphenol	8.822	108	428200	18.035	ng/u1	99
19) Hexachloroethane	9.146	117	161193	18.604	ng/u1	97
22) Nitrobenzene	9.263	77	465984	19.609	ng/u1	98
23) Isophorone	9.793	82	933370	17.971	ng/u1	98
25) 2-Nitrophenol	9.981	139	226706	20.616	ng/u1	99
26) 2,4-Dimethylphenol	10.034	107	462921	18.471	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.281	93	574354	17.810	ng/u1	99
29) 2,4-Dichlorophenol	10.516	162	387479	18.586	ng/u1	98
30) Naphthalene	10.928	128	1351133	18.154	ng/u1	99
32) 4-Chloroaniline	11.034	127	584715	18.815	ng/u1	99
33) Hexachlorobutadiene	11.216	225	235060	18.500	ng/u1	90
34) Caprolactam	11.799	113	91780	12.909	ng/u1	99
35) 4-Chloro-3-methylphenol	12.146	107	429781	18.713	ng/u1	99
36) 2-Methylnaphthalene	12.534	142	930746	18.993	ng/u1	95

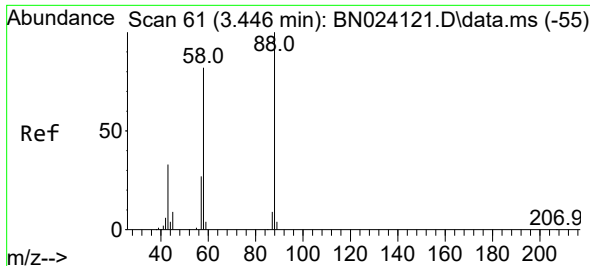
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	881042	17.940	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.893	216	469877	18.920	ng/ul	97
40) Hexachlorocyclopentadiene	12.875	237	260369	19.454	ng/ul	89
41) 2,4,6-Trichlorophenol	13.128	196	316719	19.468	ng/ul	95
42) 2,4,5-Trichlorophenol	13.198	196	332761	18.992	ng/ul	95
43) 1,1'-Biphenyl	13.534	154	1211343	18.426	ng/ul	97
44) 2-Chloronaphthalene	13.575	162	931885	18.193	ng/ul	99
45) 2-Nitroaniline	13.775	65	250945	22.488	ng/ul	97
47) Dimethylphthalate	14.151	163	1176589	18.328	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	238492	25.239	ng/ul	89
50) Acenaphthylene	14.422	152	1497194	18.740	ng/ul	99
51) 3-Nitroaniline	14.592	138	274462	23.895	ng/ul	94
52) Acenaphthene	14.763	153	997387	18.301	ng/ul	98
53) 2,4-Dinitrophenol	14.792	184	126286	19.304	ng/ul	97
55) 4-Nitrophenol	14.887	109	174372	18.807	ng/ul	95
56) Dibenzofuran	15.092	168	1408648	18.399	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	321960	21.615	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.316	232	298646	19.828	ng/ul	95
59) Diethylphthalate	15.516	149	1180958	18.455	ng/ul	99
61) Fluorene	15.745	166	1095550	18.265	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.734	204	526926	18.373	ng/ul	96
63) 4-Nitroaniline	15.757	138	271737	24.464	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.810	198	185102	19.342	ng/ul	97
67) N-Nitrosodiphenylamine	15.945	169	974041	18.732	ng/ul	98
68) 4-Bromophenyl-phenylether	16.628	248	323852	18.551	ng/ul	95
69) Hexachlorobenzene	16.745	284	387138	18.229	ng/ul	98
70) Atrazine	16.898	200	339950	19.314	ng/ul	98
71) Pentachlorophenol	17.086	266	251959	19.178	ng/ul	99
72) Phenanthrene	17.486	178	1771825	18.215	ng/ul	98
74) Anthracene	17.575	178	1818644	18.543	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.498	216	467036	18.249	ng/ul	97
76) Pentachlorobenzene	15.010	250	455763	18.277	ng/ul	91
77) Carbazole	17.845	167	1704038	19.401	ng/ul	99
78) Di-n-butylphthalate	18.410	149	2030170	19.418	ng/ul	100
80) Fluoranthene	19.498	202	1985669	18.274	ng/ul	99
82) Pyrene	19.863	202	2063925	18.003	ng/ul	100
83) Butylbenzylphthalate	20.763	149	592143	20.282	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.551	252	765486	24.833	ng/ul	96
85) Benzo(a)anthracene	21.622	228	2035257	18.257	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.545	149	1063209	21.944	ng/ul	97
87) Chrysene	21.680	228	1939680	18.178	ng/ul	96
89) Di-n-octyl phthalate	22.521	149	1840570	18.599	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	2184432	18.751	ng/ul	97
91) Benzo(k)fluoranthene	23.451	252	2072114	17.983	ng/ul	96
93) Benzo(a)pyrene	24.051	252	1867600	18.102	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	2403330	18.498	ng/ul	97
95) Dibenzo(a,h)anthracene	26.862	278	2024965	19.141	ng/ul	99
96) Benzo(g,h,i)perylene	27.645	276	1985269	18.520	ng/ul	97

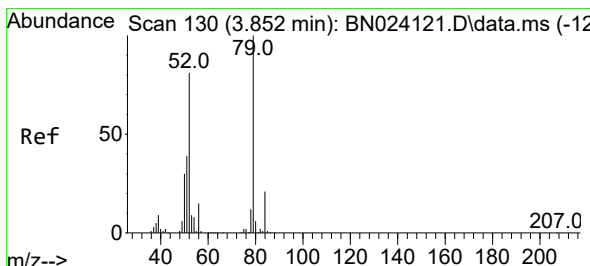
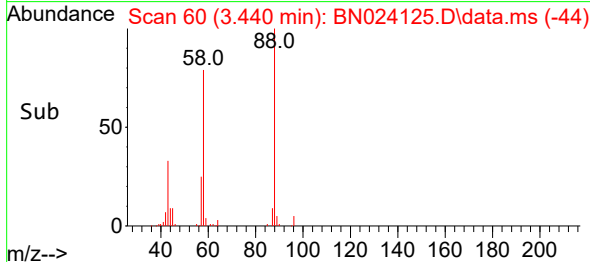
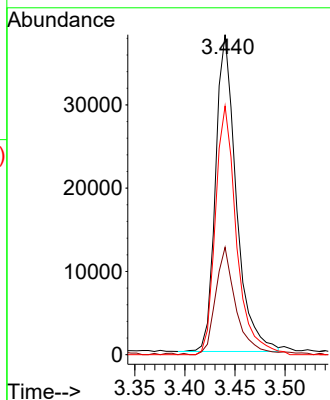
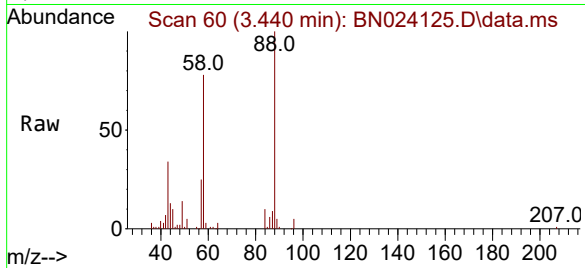
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#2
1,4-Dioxane
Concen: 6.376 ng/uL
RT: 3.440 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN024125.D
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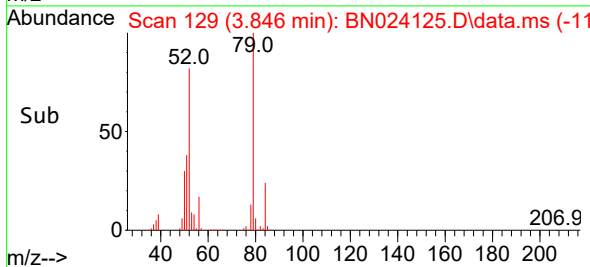
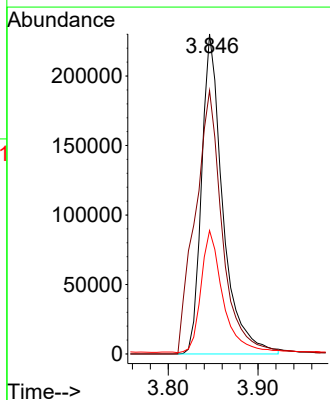
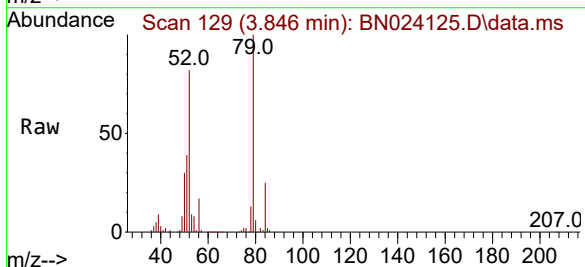
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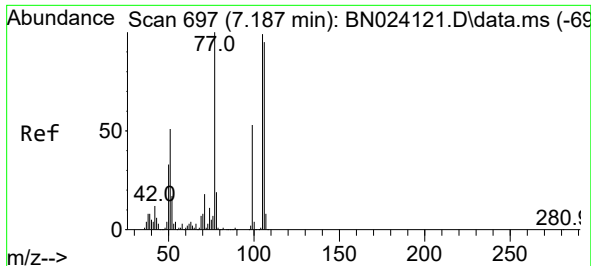
Tgt Ion: 88 Resp: 54606
Ion Ratio Lower Upper
88 100
43 33.5 26.2 39.4
58 77.7 64.9 97.3



#5
Pyridine
Concen: 16.736 ng/uL
RT: 3.846 min Scan# 129
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion: 79 Resp: 379139
Ion Ratio Lower Upper
79 100
52 82.3 65.1 97.7
51 38.6 31.4 47.0

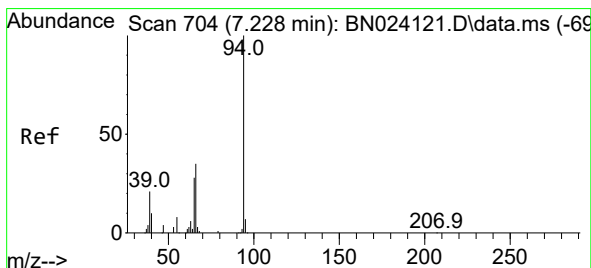
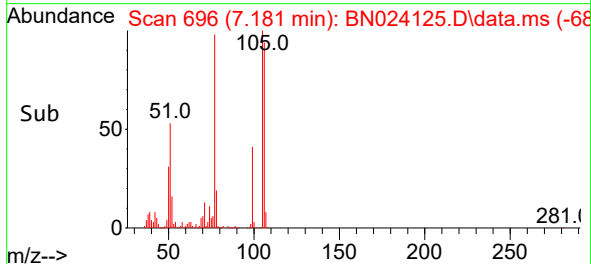
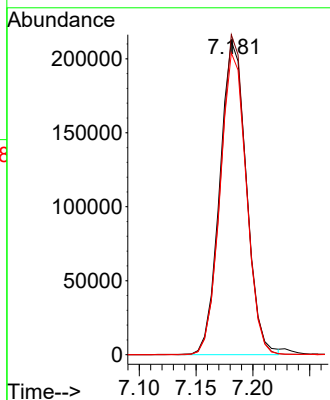
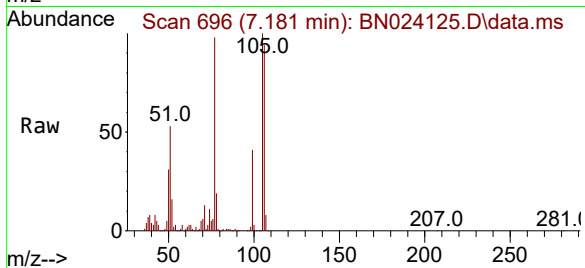




#6
Benzaldehyde
Concen: 25.624 ng/ul
RT: 7.181 min Scan# 697
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

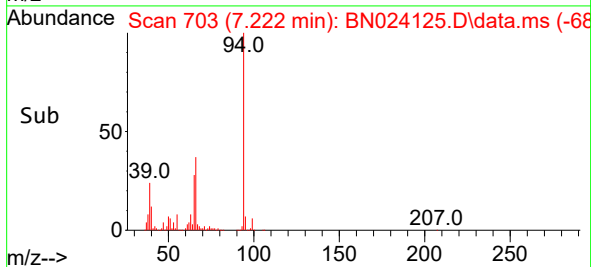
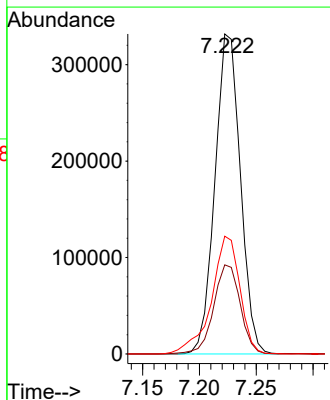
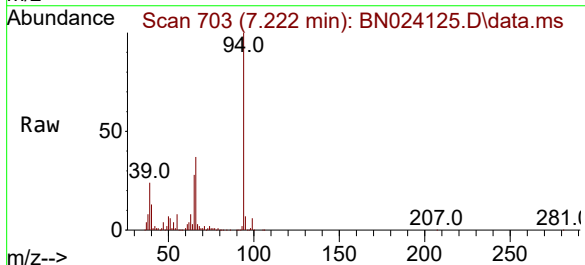
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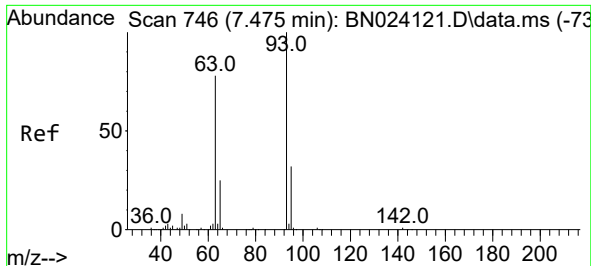
Tgt Ion: 77 Resp: 344500
Ion Ratio Lower Upper
77 100
105 102.0 79.2 118.8
106 96.2 75.9 113.9



#8
Phenol
Concen: 18.024 ng/ul
RT: 7.222 min Scan# 703
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion: 94 Resp: 517059
Ion Ratio Lower Upper
94 100
65 27.9 22.9 34.3
66 36.8 29.0 43.6

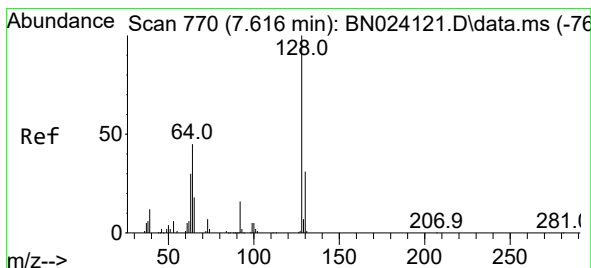
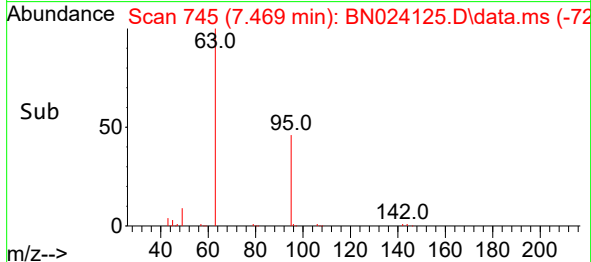
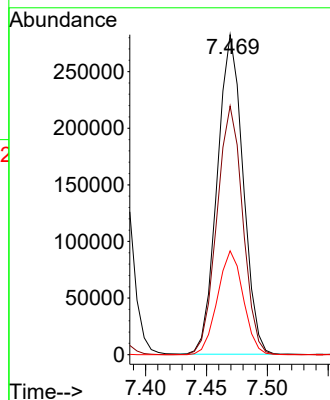
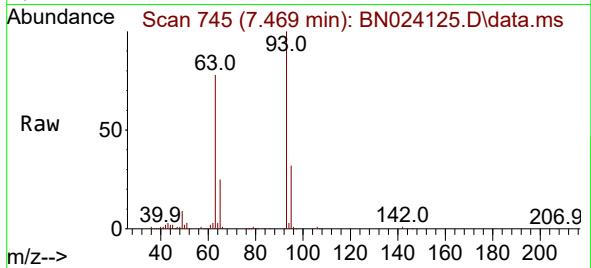




#10
Bis(2-Chloroethyl)ether
Concen: 17.921 ng/ul
RT: 7.469 min Scan# 746
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

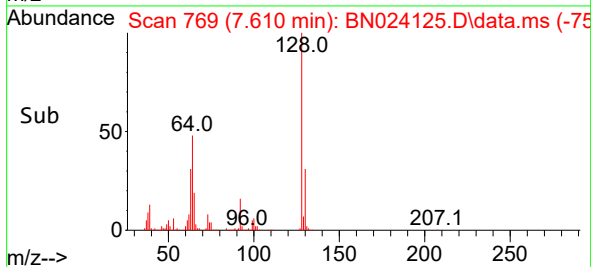
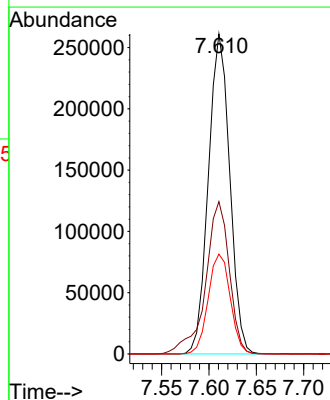
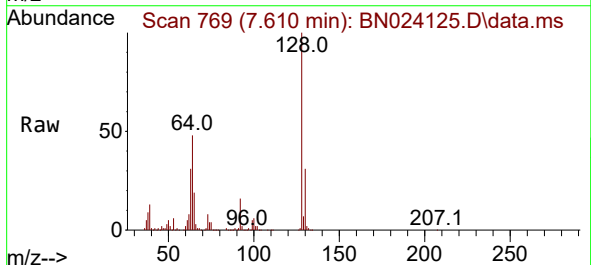
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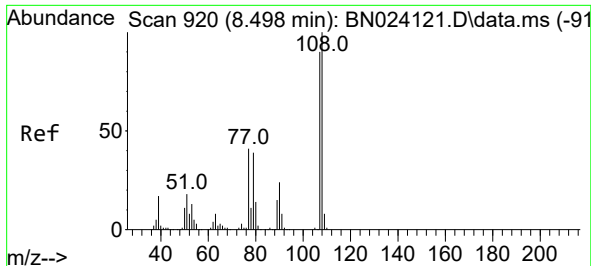
Tgt Ion: 93 Resp: 416586
Ion Ratio Lower Upper
93 100
63 77.7 62.6 93.8
95 32.4 25.8 38.6



#12
2-Chlorophenol
Concen: 18.572 ng/ul
RT: 7.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:128 Resp: 409776
Ion Ratio Lower Upper
128 100
64 47.6 39.3 58.9
130 31.2 25.1 37.7





#13

2-Methylphenol

Concen: 18.541 ng/ul

RT: 8.493 min Scan# 91

Delta R.T. -0.006 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

Instrument :

BNA_N

ClientSampleId :

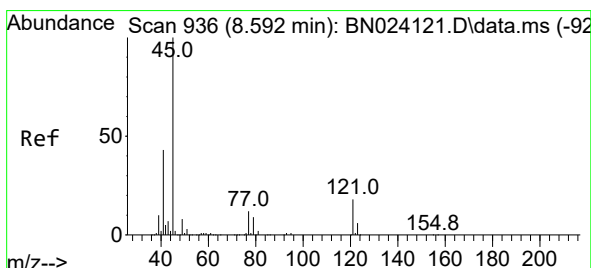
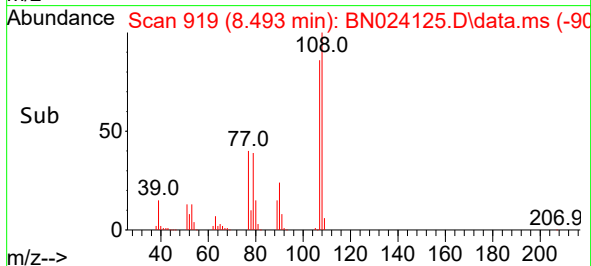
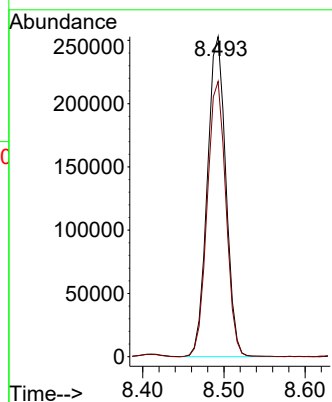
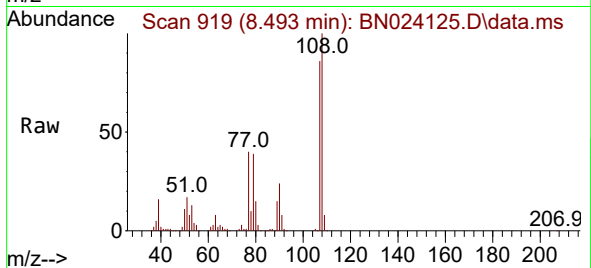
SICV202

Tgt Ion:108 Resp: 399955

Ion Ratio Lower Upper

108 100

107 86.0 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.576 ng/ul

RT: 8.587 min Scan# 935

Delta R.T. -0.006 min

Lab File: BN024125.D

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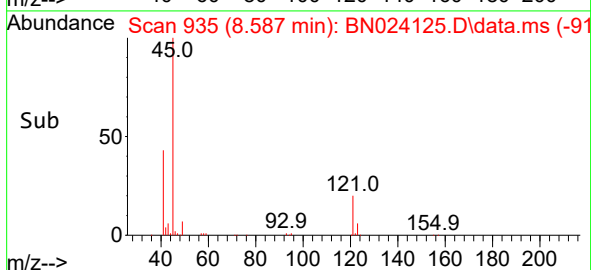
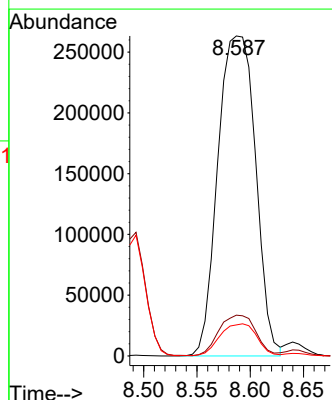
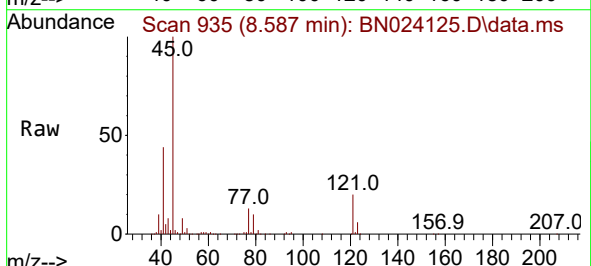
Tgt Ion: 45 Resp: 648193

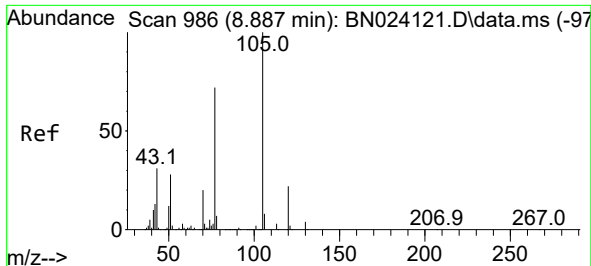
Ion Ratio Lower Upper

45 100

77 12.8 9.8 14.6

79 9.7 7.4 11.0

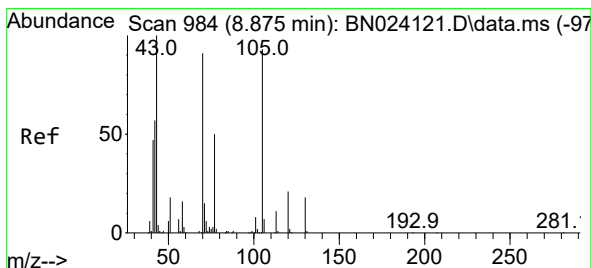
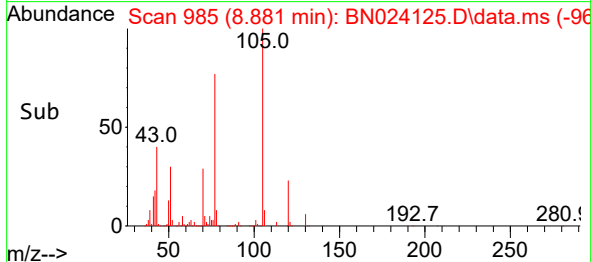
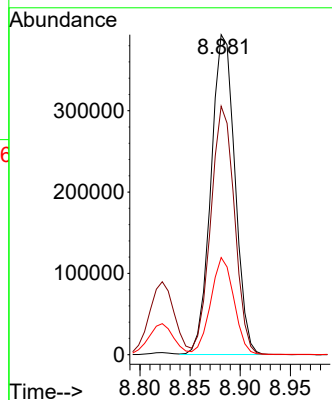
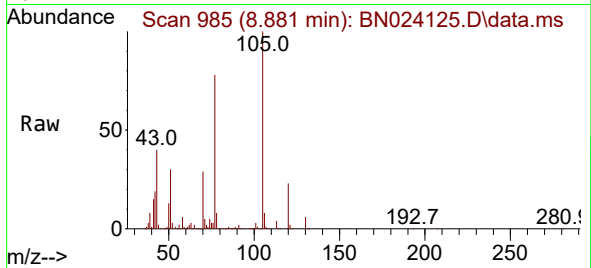




#16
 Acetophenone
 Concen: 19.127 ng/ul
 RT: 8.881 min Scan# 985
 Delta R.T. -0.006 min
 Lab File: BN024125.D
 Acq: 03 Mar 2023 13:17

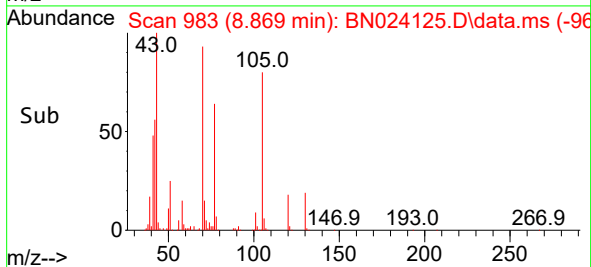
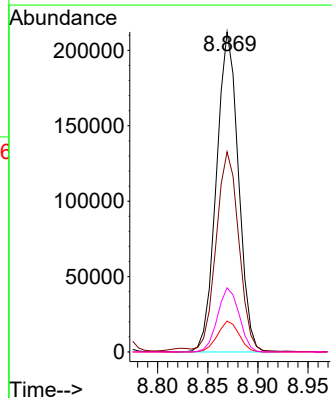
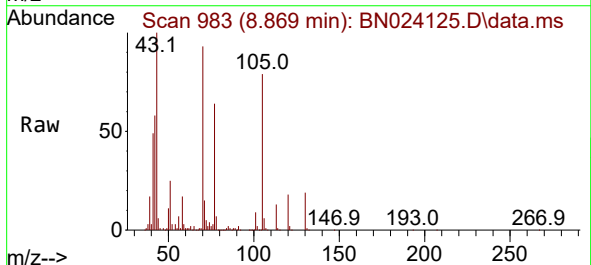
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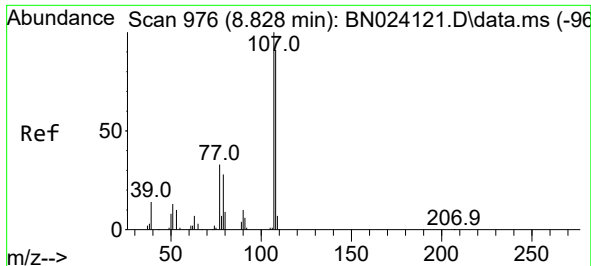
Tgt Ion:105 Resp: 653200
 Ion Ratio Lower Upper
 105 100
 77 77.7 61.4 92.0
 51 30.4 23.8 35.8



#17
 N-Nitroso-di-n-propylamine
 Concen: 19.294 ng/ul
 RT: 8.869 min Scan# 983
 Delta R.T. -0.006 min
 Lab File: BN024125.D
 Acq: 03 Mar 2023 13:17

Tgt Ion: 70 Resp: 323527
 Ion Ratio Lower Upper
 70 100
 42 62.6 50.8 76.2
 101 9.7 7.2 10.8
 130 20.1 15.8 23.8

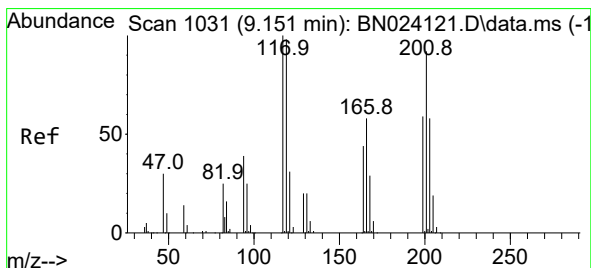
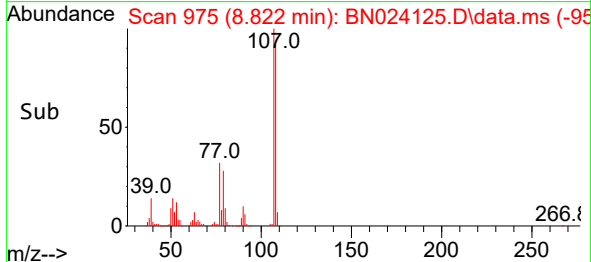
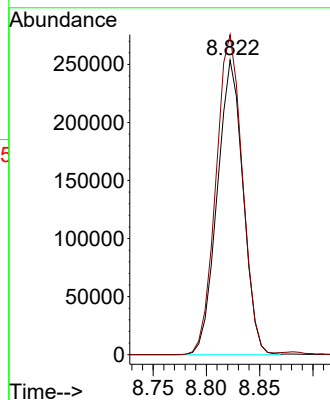
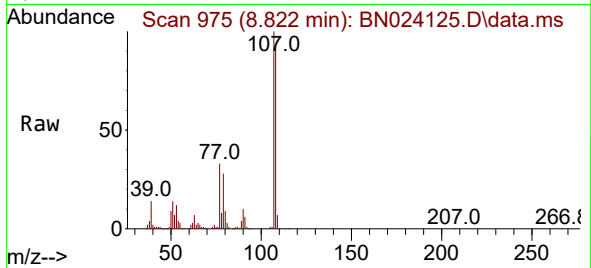




#18
4-Methylphenol
Concen: 18.035 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

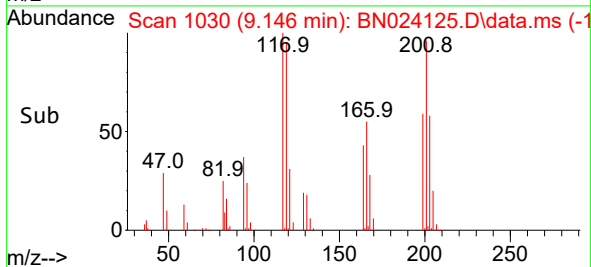
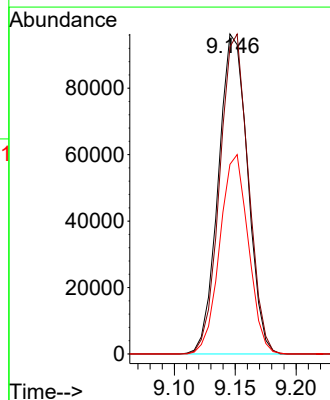
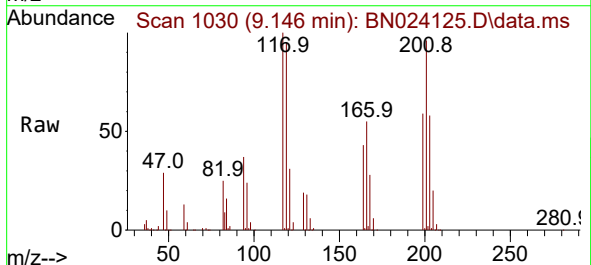
Instrument :
BNA_N
ClientSampleId :
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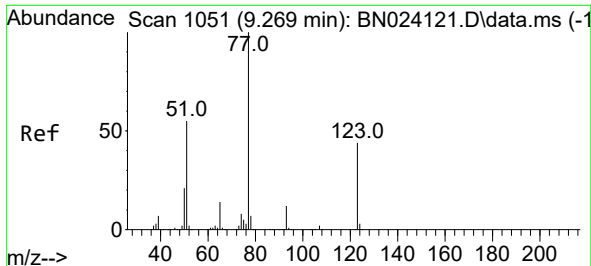
Tgt Ion:108 Resp: 428200
Ion Ratio Lower Upper
108 100
107 108.7 87.8 131.6



#19
Hexachloroethane
Concen: 18.604 ng/ul
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:117 Resp: 161193
Ion Ratio Lower Upper
117 100
201 95.9 73.8 110.6
199 59.2 47.2 70.8

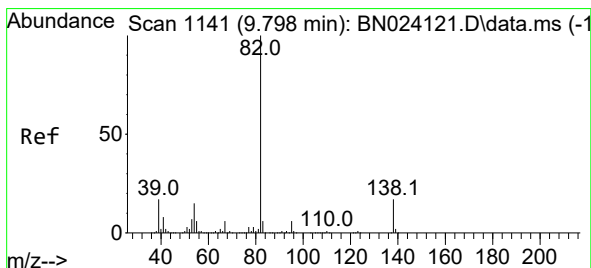
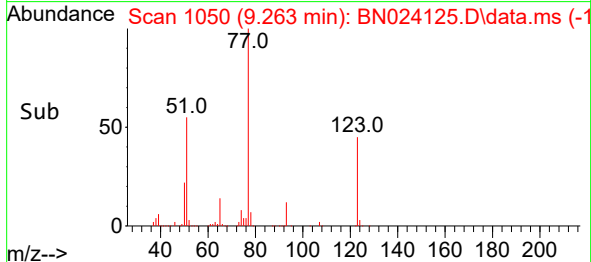
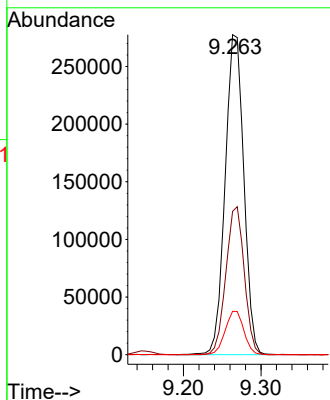
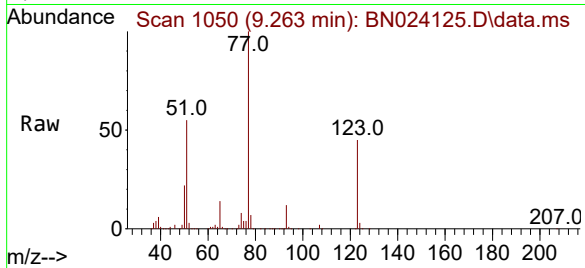




#22
Nitrobenzene
Concen: 19.609 ng/ul
RT: 9.263 min Scan# 110
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

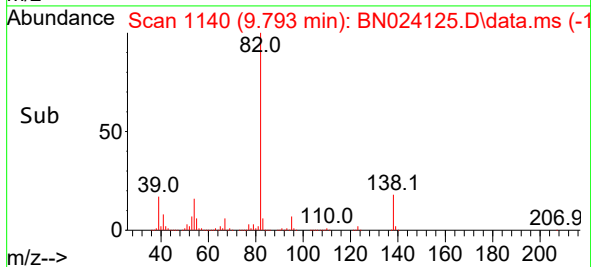
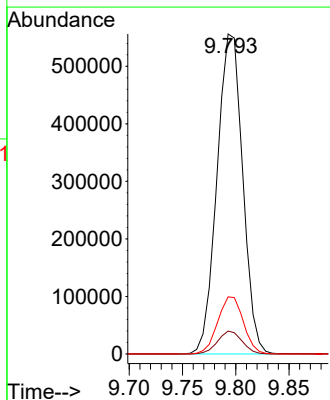
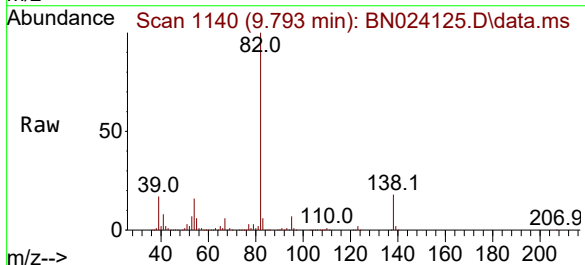
Instrument :
BNA_N
ClientSampleId :
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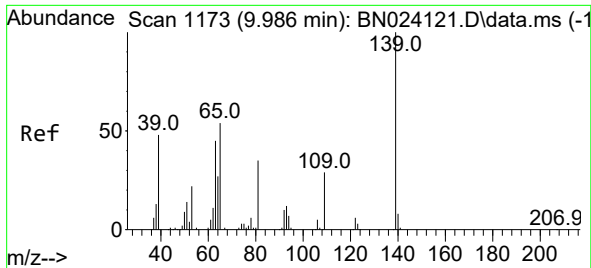
Tgt Ion: 77 Resp: 465984
Ion Ratio Lower Upper
77 100
123 44.8 34.8 52.2
65 13.6 11.0 16.4



#23
Isophorone
Concen: 17.971 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion: 82 Resp: 933370
Ion Ratio Lower Upper
82 100
95 7.1 5.0 7.6
138 17.9 13.8 20.6

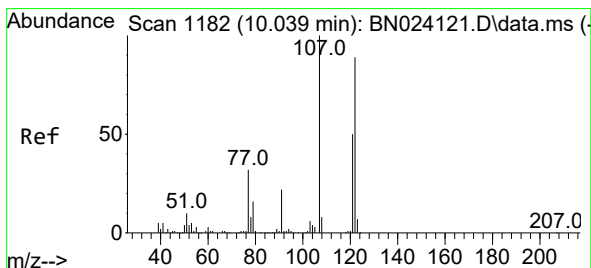
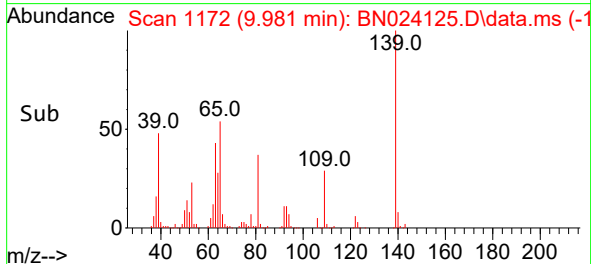
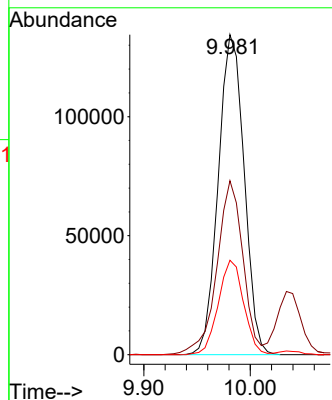
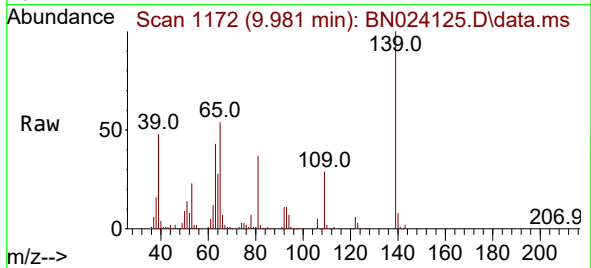




#25
2-Nitrophenol
Concen: 20.616 ng/ul
RT: 9.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

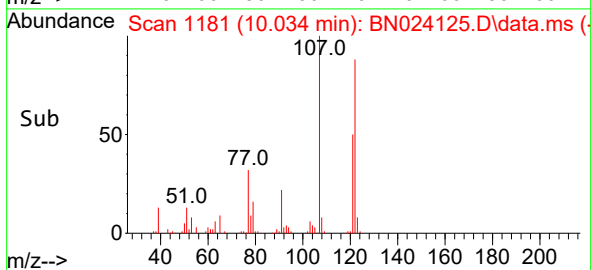
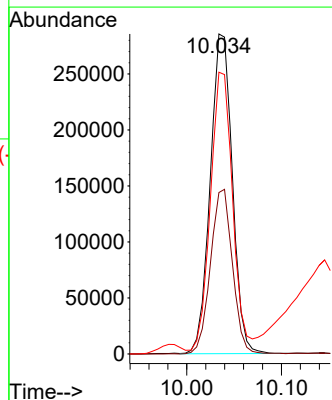
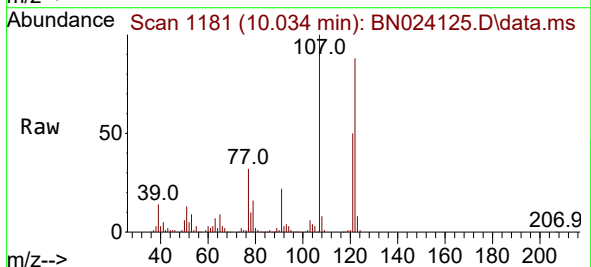
Instrument :
BNA_N
ClientSampleId :
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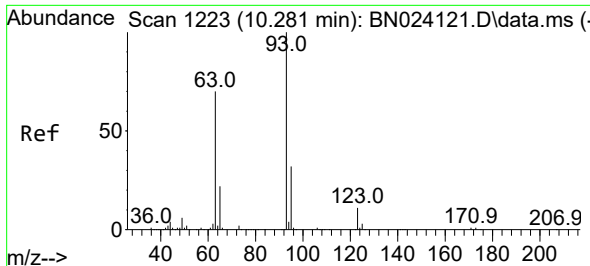
Tgt Ion:139 Resp: 226706
Ion Ratio Lower Upper
139 100
65 54.3 44.5 66.7
109 29.5 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 18.471 ng/ul
RT: 10.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:107 Resp: 462921
Ion Ratio Lower Upper
107 100
121 50.5 40.2 60.2
122 88.1 71.8 107.8

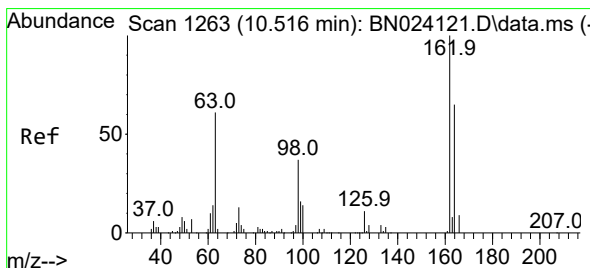
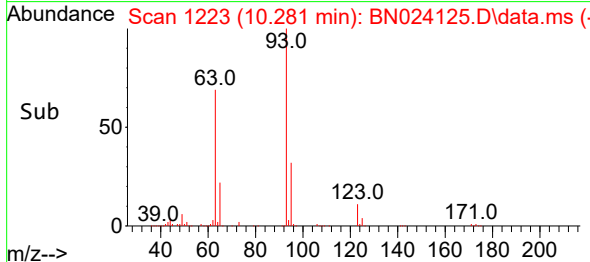
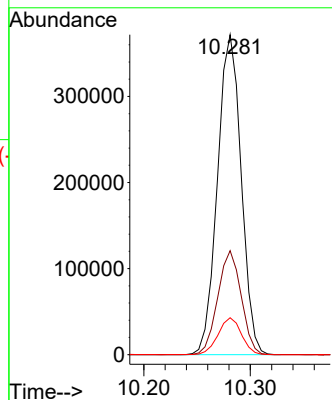
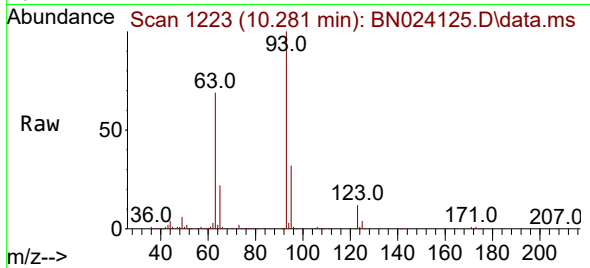




#27
 Bis(2-Chloroethoxy)methane
 Concen: 17.810 ng/ul
 RT: 10.281 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: BN024125.D
 Acq: 03 Mar 2023 13:17

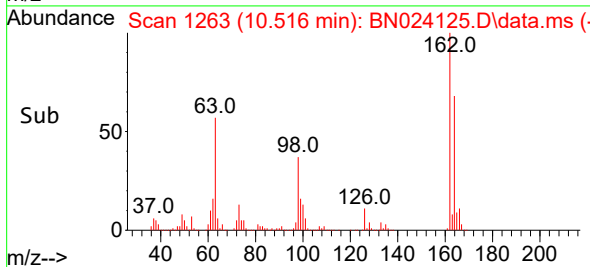
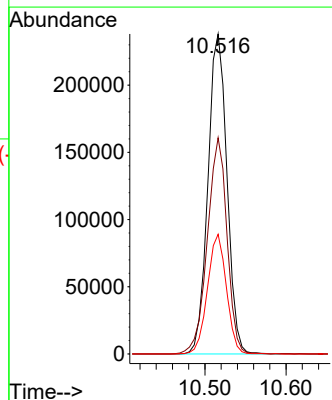
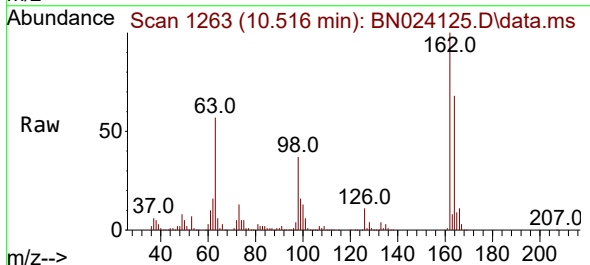
Instrument :
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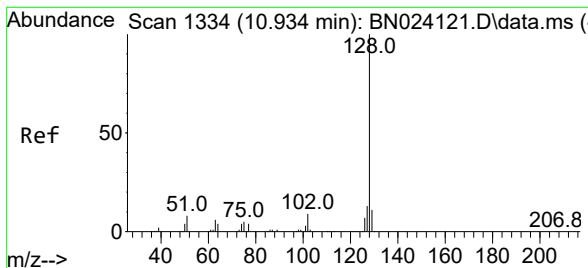
Tgt Ion: 93 Resp: 574354
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.4 38.2
 123 11.5 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 18.586 ng/ul
 RT: 10.516 min Scan# 1263
 Delta R.T. 0.000 min
 Lab File: BN024125.D
 Acq: 03 Mar 2023 13:17

Tgt Ion:162 Resp: 387479
 Ion Ratio Lower Upper
 162 100
 164 67.6 52.6 78.8
 98 37.4 29.8 44.8

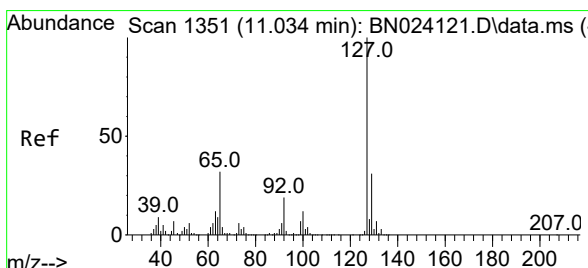
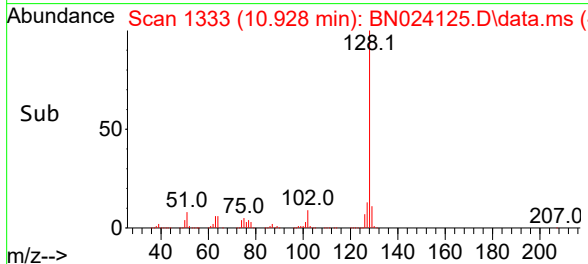
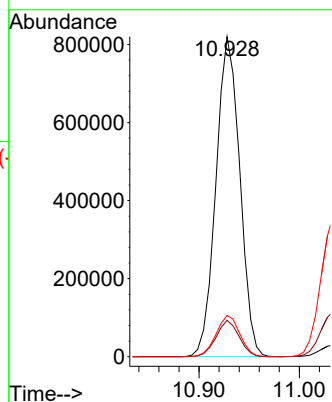
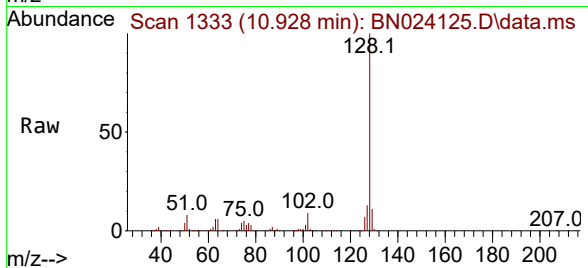




#30
Naphthalene
Concen: 18.154 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

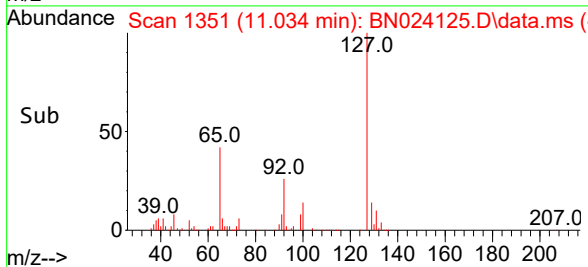
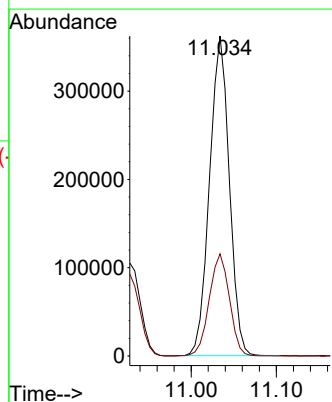
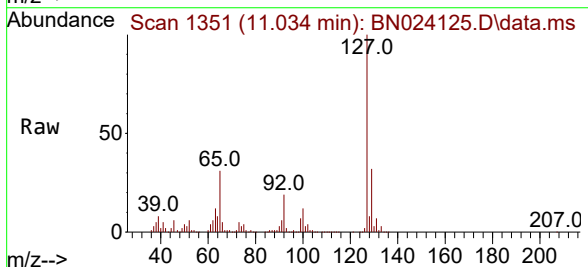
Instrument :
BNA_N
ClientSampleId :
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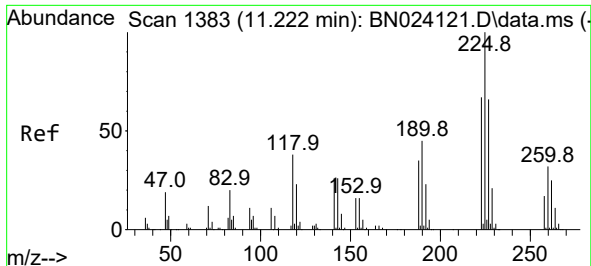
Tgt Ion:128 Resp: 1351133
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 12.9 10.1 15.1



#32
4-Chloroaniline
Concen: 18.815 ng/ul
RT: 11.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:127 Resp: 584715
Ion Ratio Lower Upper
127 100
129 31.9 25.1 37.7

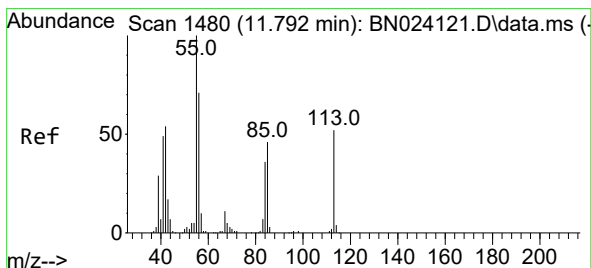
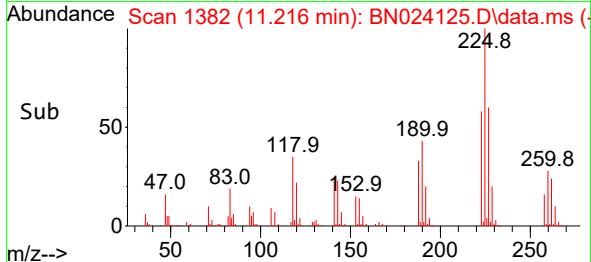
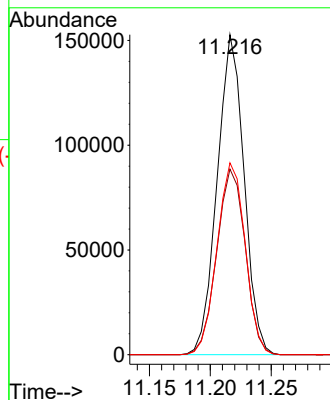
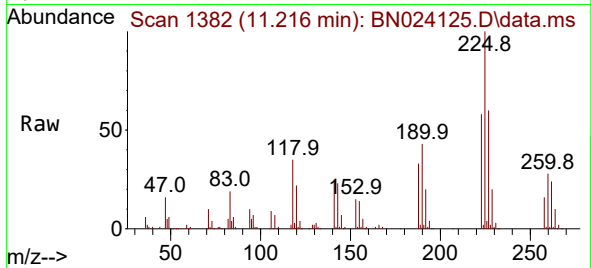




#33
Hexachlorobutadiene
Concen: 18.500 ng/ul
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

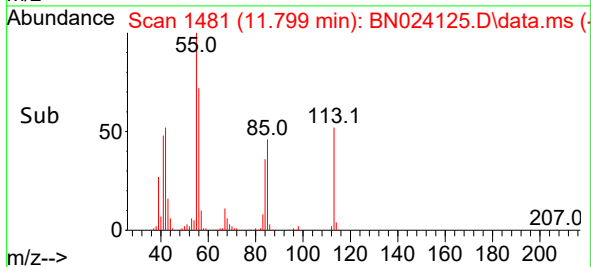
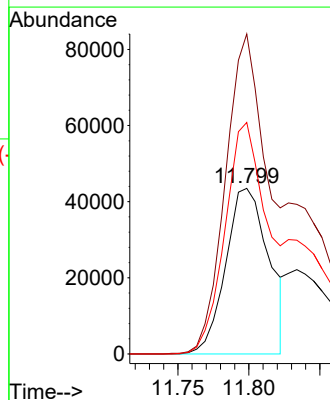
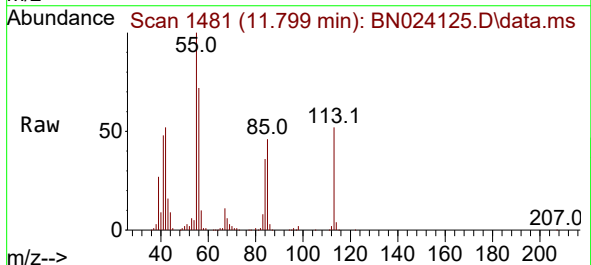
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ClientSampleId :
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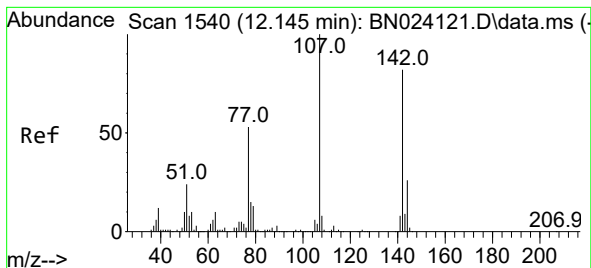
Tgt Ion:225 Resp: 235060
Ion Ratio Lower Upper
225 100
223 58.0 53.6 80.4
227 60.0 53.0 79.4



#34
Caprolactam
Concen: 12.909 ng/ul
RT: 11.799 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:113 Resp: 91780
Ion Ratio Lower Upper
113 100
55 193.2 155.4 233.2
56 139.7 111.0 166.6

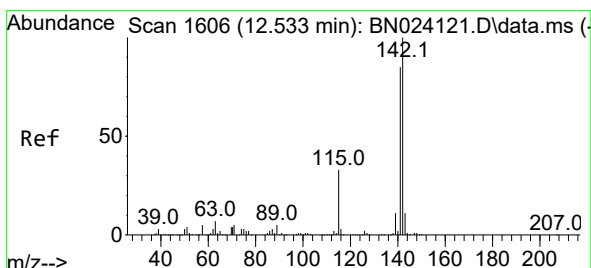
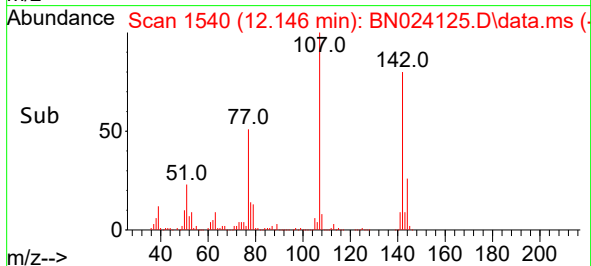
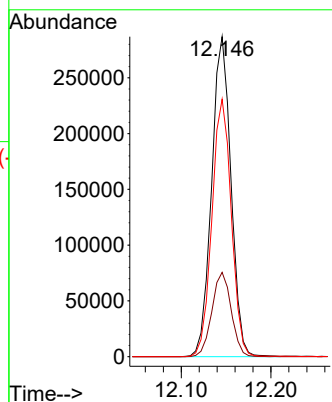
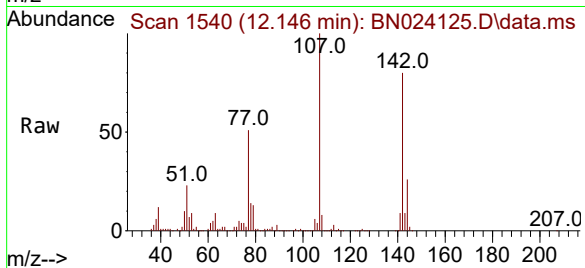




#35
4-Chloro-3-methylphenol
Concen: 18.713 ng/ul
RT: 12.146 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

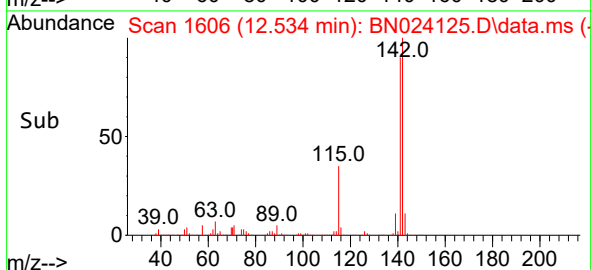
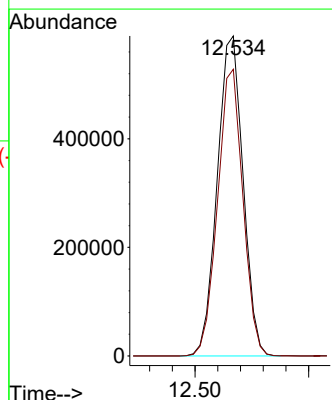
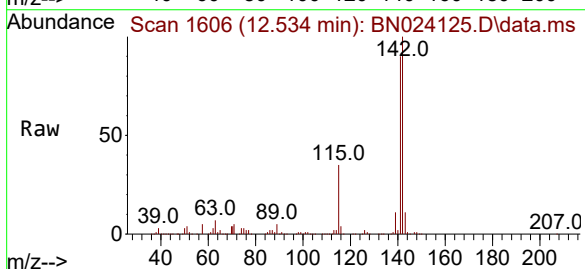
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BNA_N
ClientSampleId :
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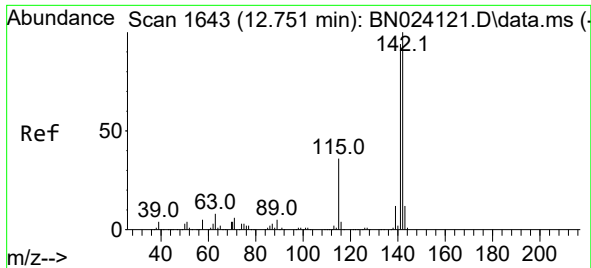
Tgt Ion:107 Resp: 429781
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.4
142 80.4 65.7 98.5



#36
2-Methylnaphthalene
Concen: 18.993 ng/ul
RT: 12.534 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:142 Resp: 930746
Ion Ratio Lower Upper
142 100
141 89.6 68.2 102.4

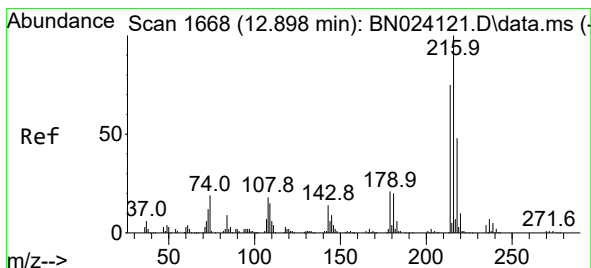
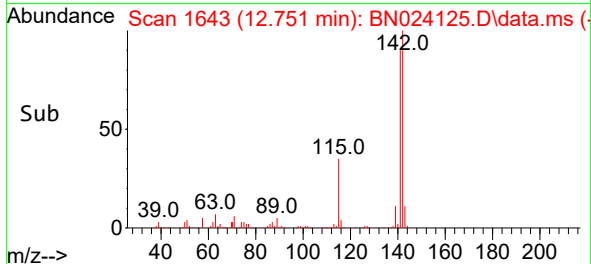
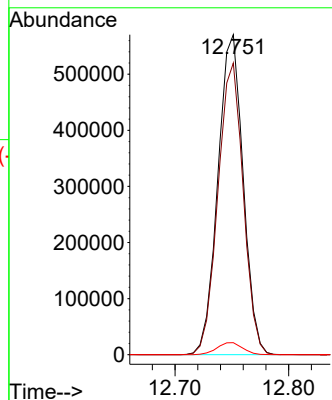
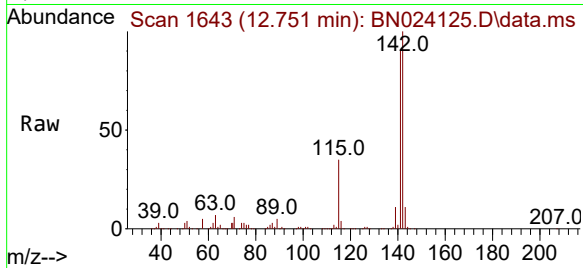




#37
1-Methylnaphthalene
Concen: 17.940 ng/ul
RT: 12.751 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

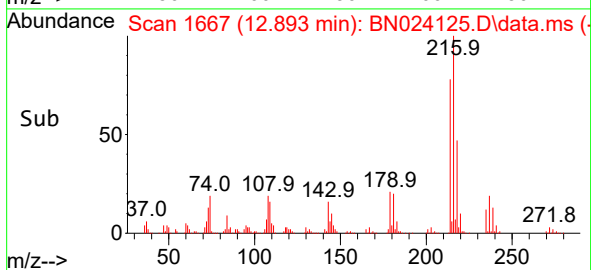
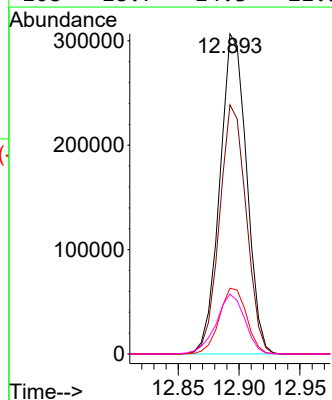
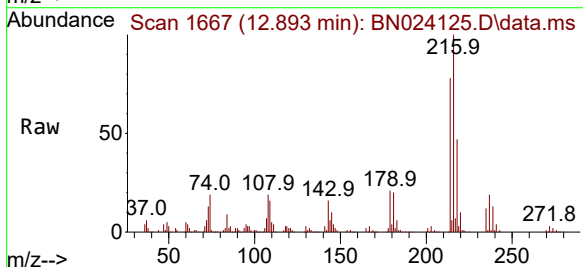
Instrument :
BNA_N
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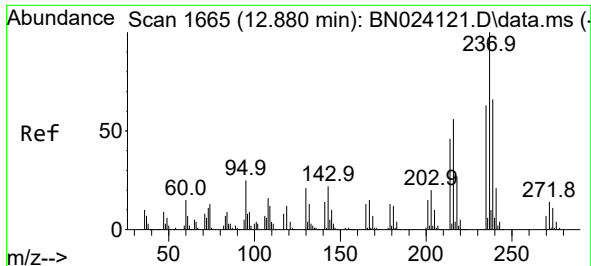
Tgt Ion:142 Resp: 881042
Ion Ratio Lower Upper
142 100
141 91.1 75.5 113.3
116 3.7 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.920 ng/ul
RT: 12.893 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

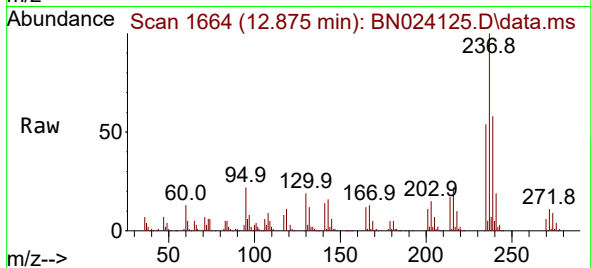
Tgt Ion:216 Resp: 469877
Ion Ratio Lower Upper
216 100
214 77.9 60.0 90.0
179 20.6 17.0 25.6
108 18.7 14.3 21.5



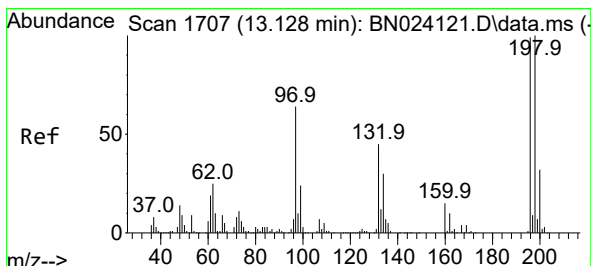
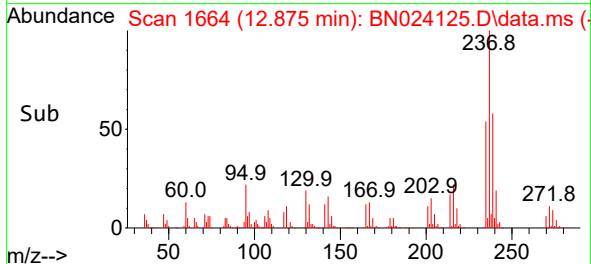
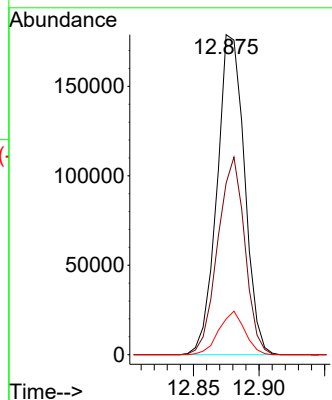


#40
Hexachlorocyclopentadiene
Concen: 19.454 ng/ul
RT: 12.875 min Scan# 1664
Delta R.T. -0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Instrument :
BNA_N
ClientSampleId :
SICV202

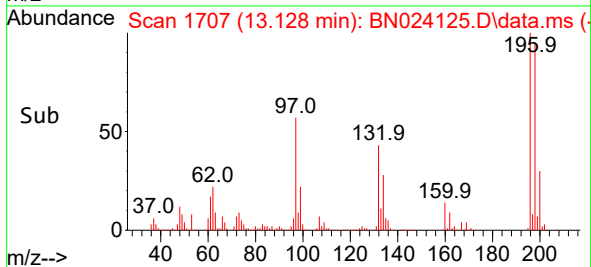
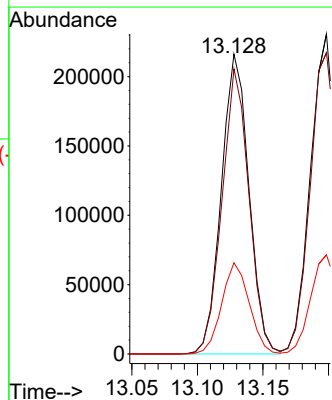
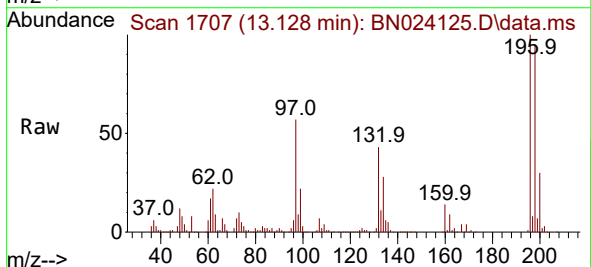


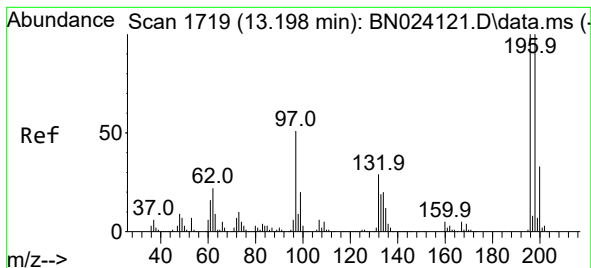
Tgt Ion:237 Resp: 260369
Ion Ratio Lower Upper
237 100
235 53.6 50.1 75.1
272 11.1 11.1 16.7



#41
2,4,6-Trichlorophenol
Concen: 19.468 ng/ul
RT: 13.128 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:196 Resp: 316719
Ion Ratio Lower Upper
196 100
198 95.1 80.6 121.0
200 30.4 26.1 39.1





#42

2,4,5-Trichlorophenol

Concen: 18.992 ng/ul

RT: 13.198 min Scan# 1719

Delta R.T. 0.000 min

Lab File: BN024125.D

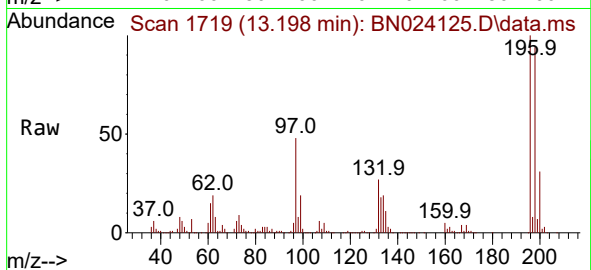
Acq: 03 Mar 2023 13:17

Instrument :

BNA_N

ClientSampleId :

SICV202



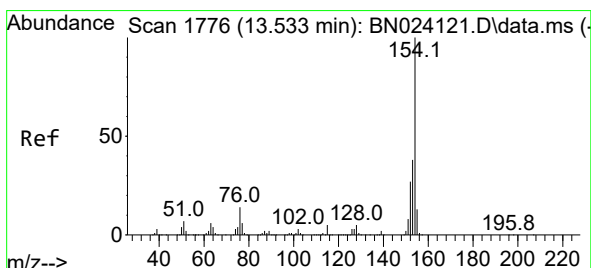
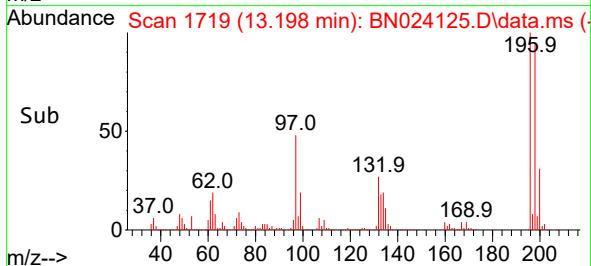
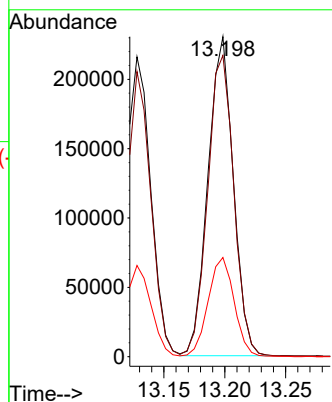
Tgt Ion:196 Resp: 332761

Ion Ratio Lower Upper

196 100

198 94.1 79.7 119.5

200 31.0 26.1 39.1



#43

1,1'-Biphenyl

Concen: 18.426 ng/ul

RT: 13.534 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

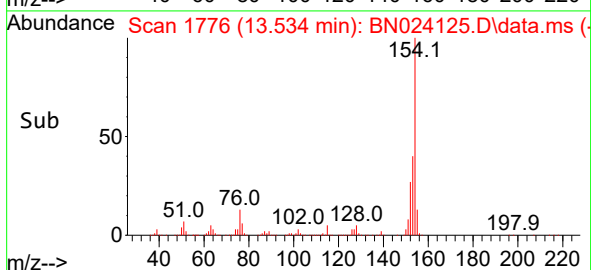
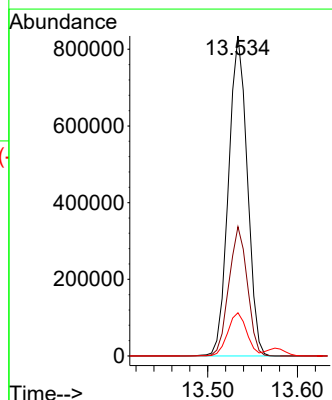
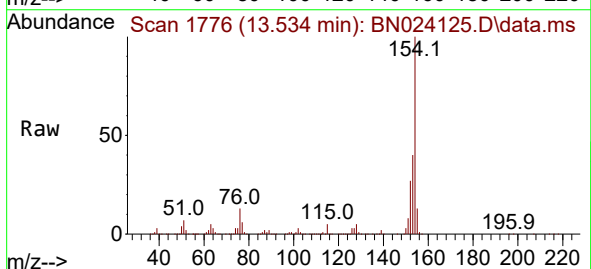
Tgt Ion:154 Resp: 1211343

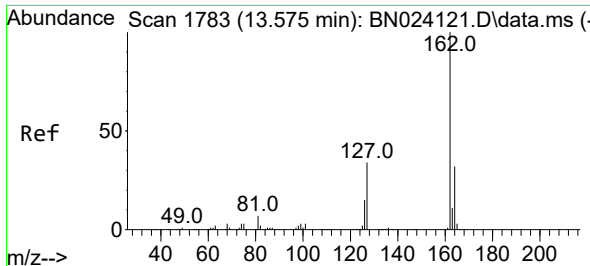
Ion Ratio Lower Upper

154 100

153 40.4 30.8 46.2

76 13.5 11.1 16.7

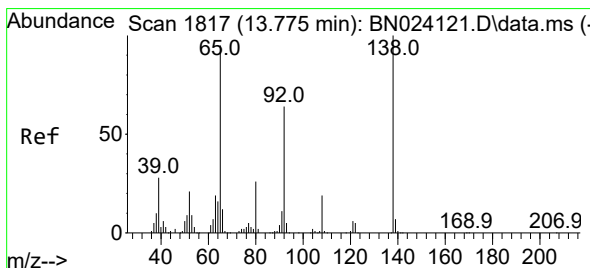
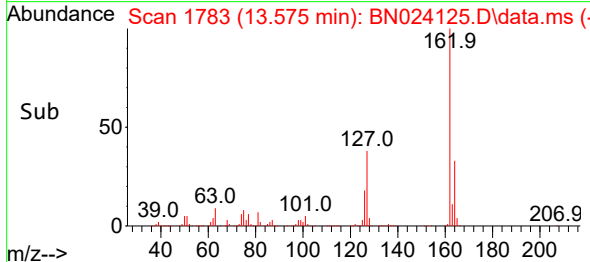
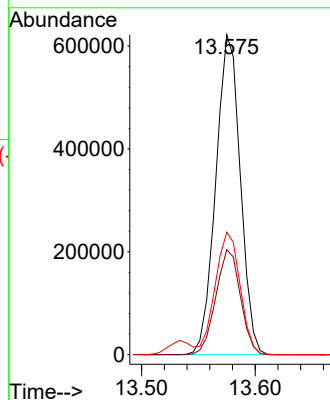
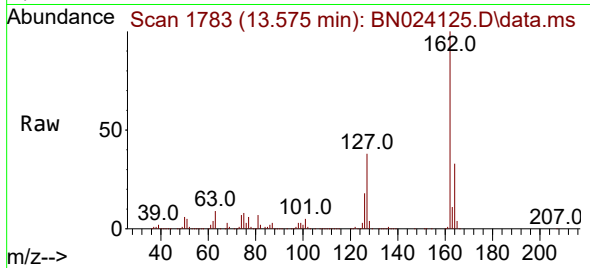




#44
2-Chloronaphthalene
Concen: 18.193 ng/ul
RT: 13.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

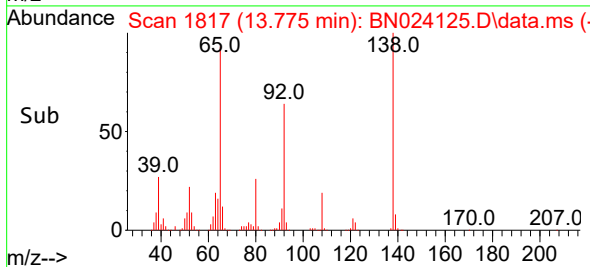
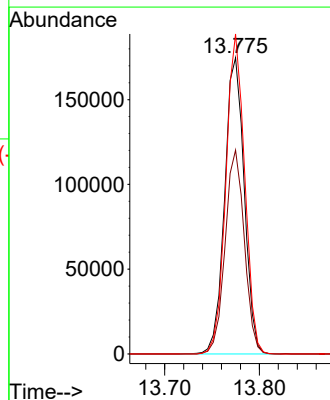
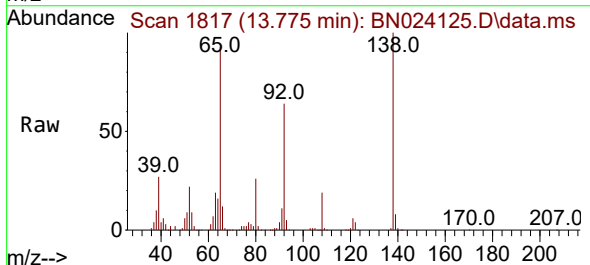
Instrument :
BNA_N
ClientSampleId :
SICV202

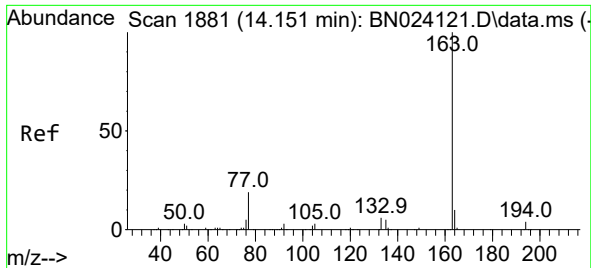
Tgt Ion:162 Resp: 931885
Ion Ratio Lower Upper
162 100
164 32.8 25.8 38.6
127 38.3 30.8 46.2



#45
2-Nitroaniline
Concen: 22.488 ng/ul
RT: 13.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion: 65 Resp: 250945
Ion Ratio Lower Upper
65 100
92 68.8 53.8 80.8
138 108.1 84.1 126.1

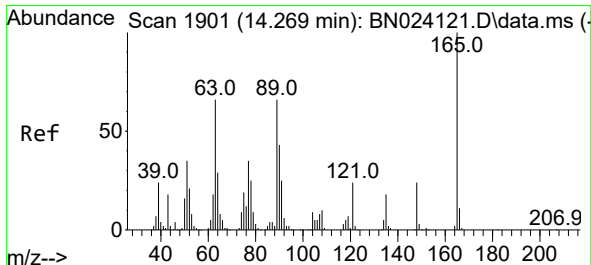
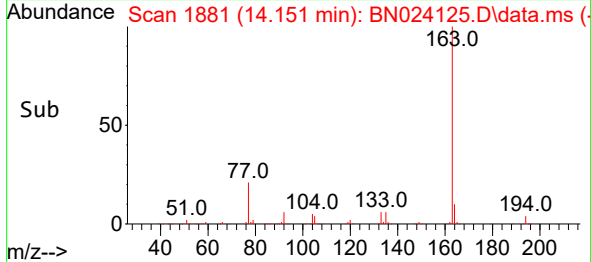
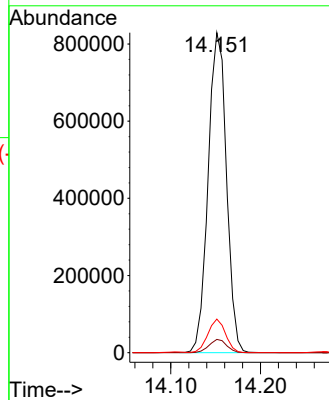
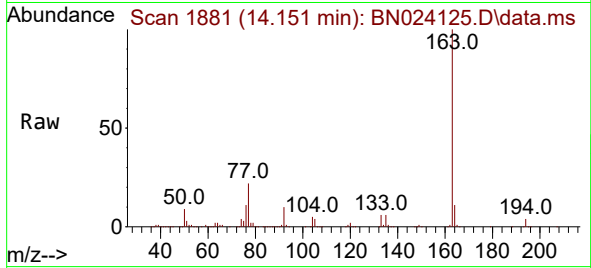




#47
Dimethylphthalate
Concen: 18.328 ng/ul
RT: 14.151 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

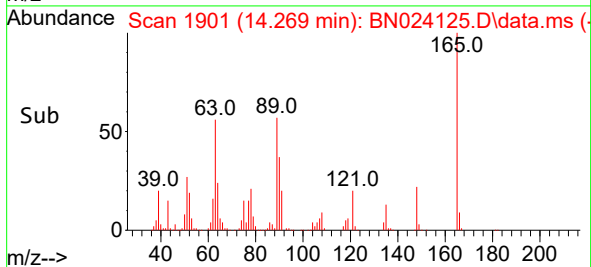
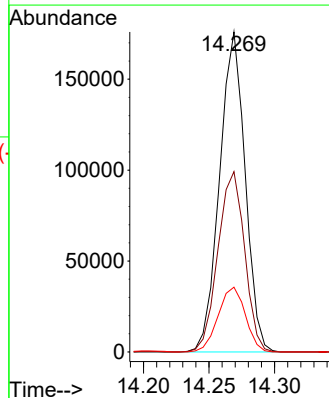
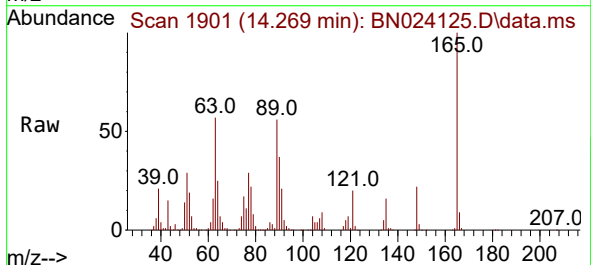
Instrument :
BNA_N
ClientSampleId :
SICV202

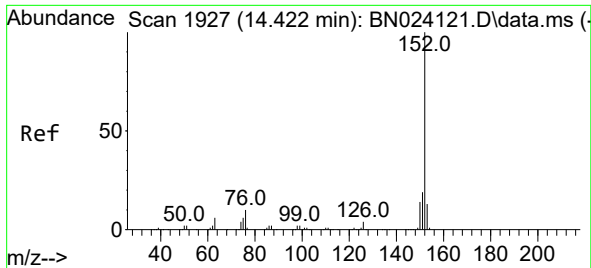
Tgt Ion:163 Resp: 1176589
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.5 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 25.239 ng/ul
RT: 14.269 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:165 Resp: 238492
Ion Ratio Lower Upper
165 100
89 56.4 52.6 78.8
121 20.3 19.4 29.2

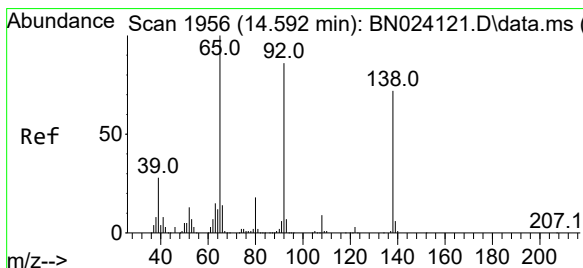
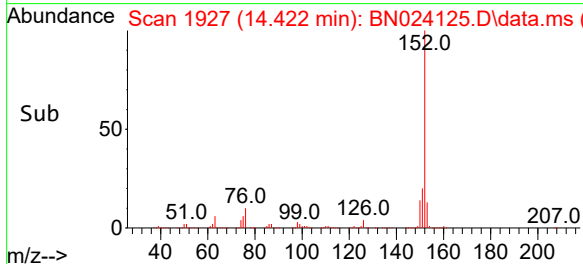
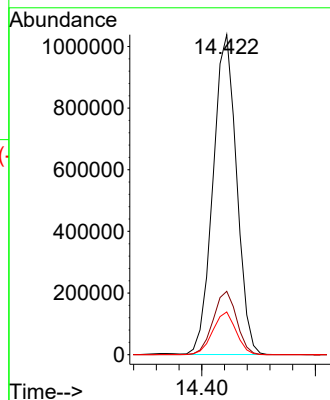
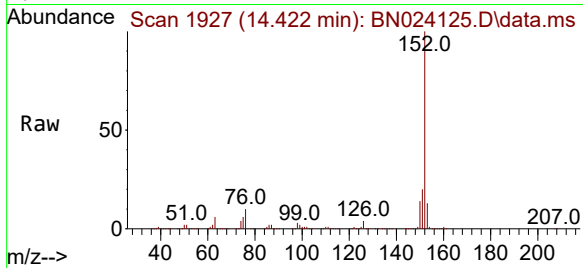




#50
Acenaphthylene
Concen: 18.740 ng/ul
RT: 14.422 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

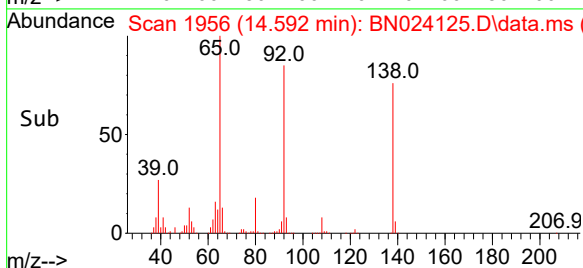
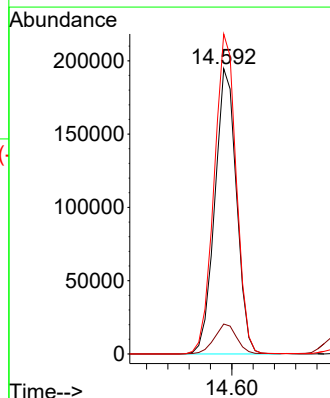
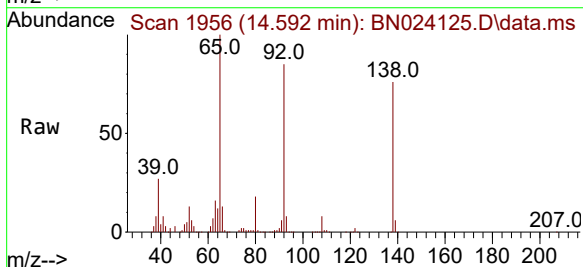
Instrument :
BNA_N
ClientSampleId :
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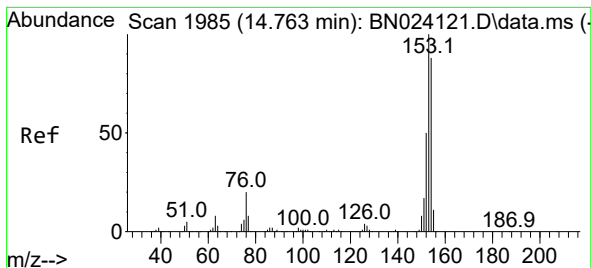
Tgt Ion:152 Resp: 1497194
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.4 10.1 15.1



#51
3-Nitroaniline
Concen: 23.895 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:138 Resp: 274462
Ion Ratio Lower Upper
138 100
108 10.5 9.6 14.4
92 112.2 95.3 142.9





#52

Acenaphthene

Concen: 18.301 ng/ul

RT: 14.763 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

Instrument :

BNA_N

ClientSampleId :

SICV202

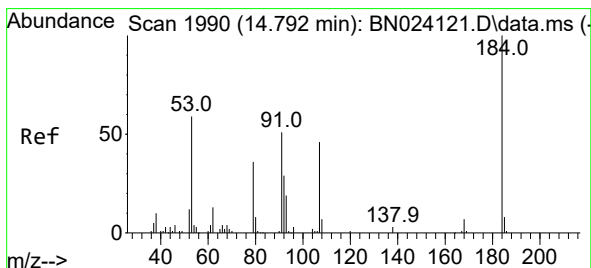
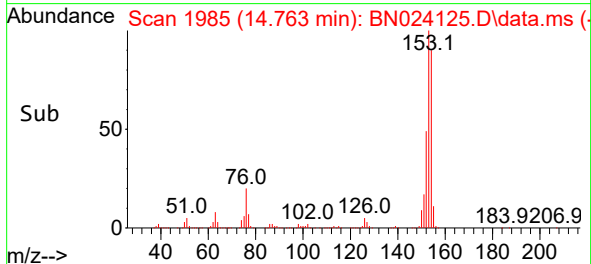
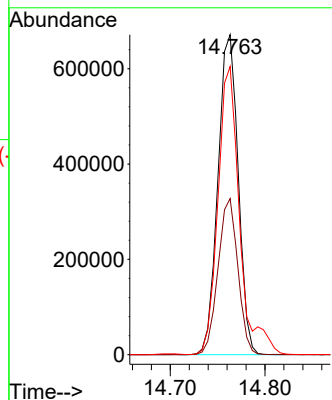
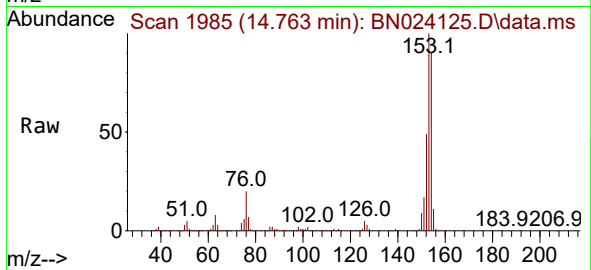
Tgt Ion:153 Resp: 997387

Ion Ratio Lower Upper

153 100

152 48.8 39.7 59.5

154 90.0 70.6 106.0



#53

2,4-Dinitrophenol

Concen: 19.304 ng/ul

RT: 14.792 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

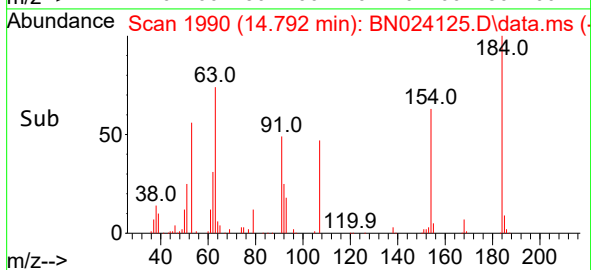
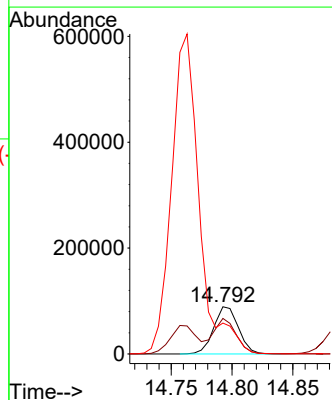
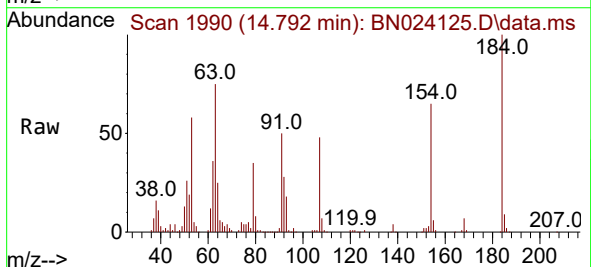
Tgt Ion:184 Resp: 126286

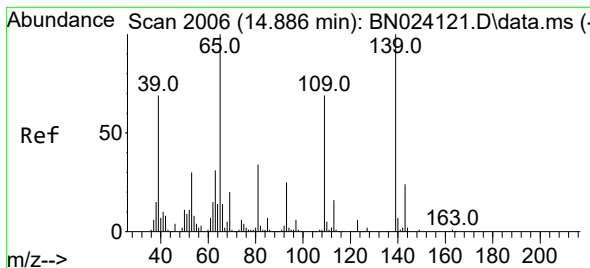
Ion Ratio Lower Upper

184 100

63 75.1 61.6 92.4

154 65.3 50.2 75.4

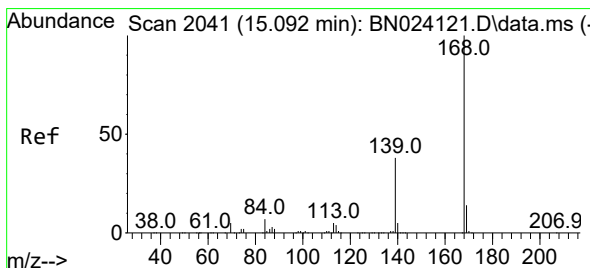
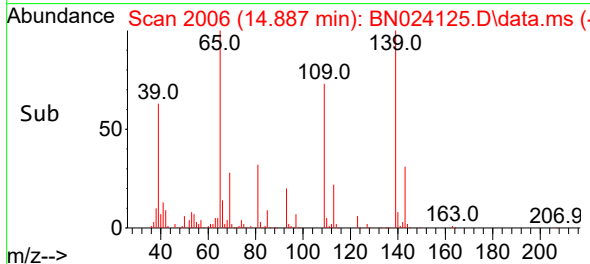
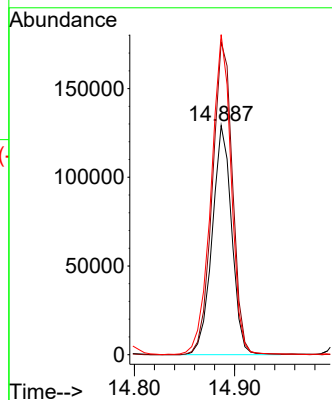
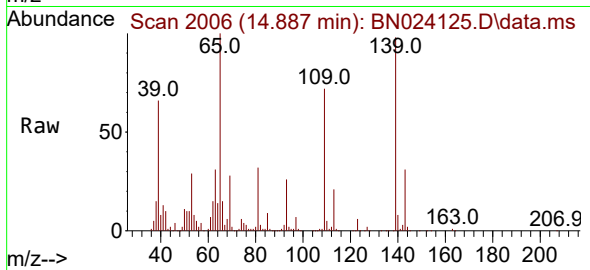




#55
4-Nitrophenol
Concen: 18.807 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

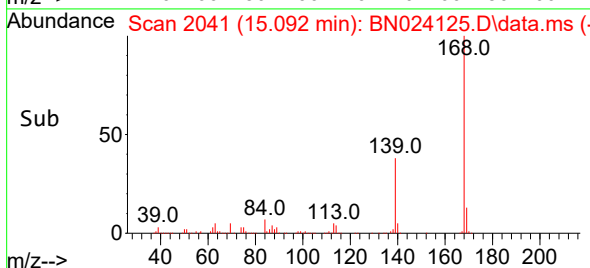
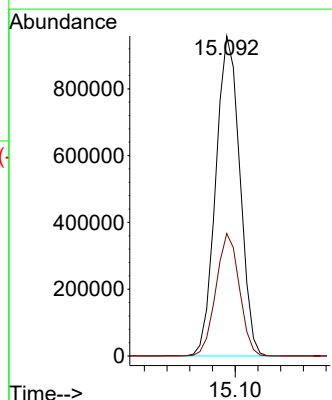
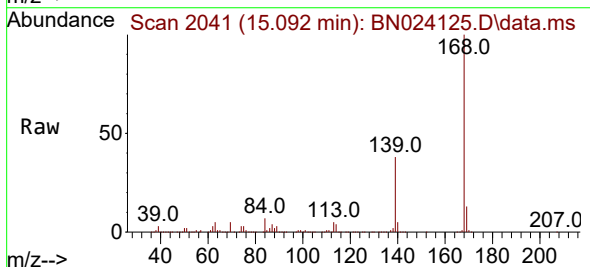
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BNA_N
ClientSampleId :
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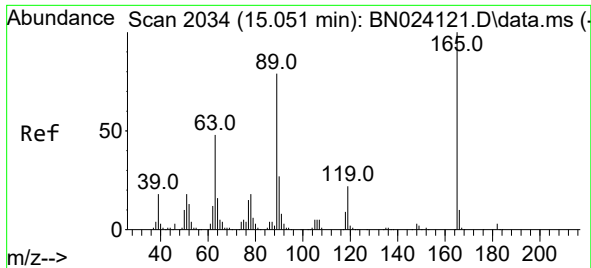
Tgt Ion:109 Resp: 174372
Ion Ratio Lower Upper
109 100
139 136.4 115.0 172.4
65 139.6 115.7 173.5



#56
Dibenzofuran
Concen: 18.399 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:168 Resp: 1408648
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1

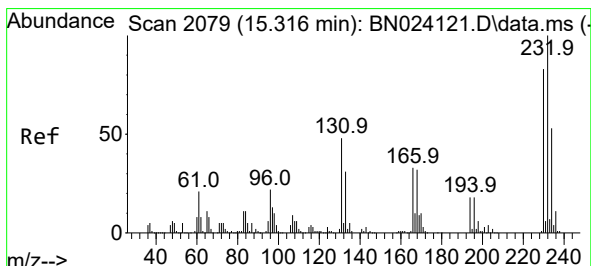
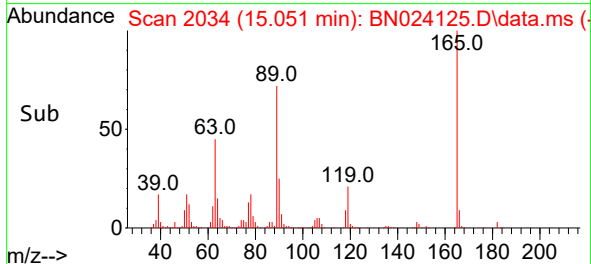
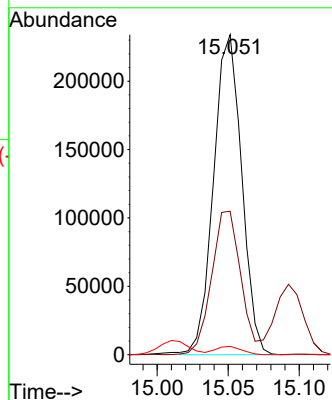
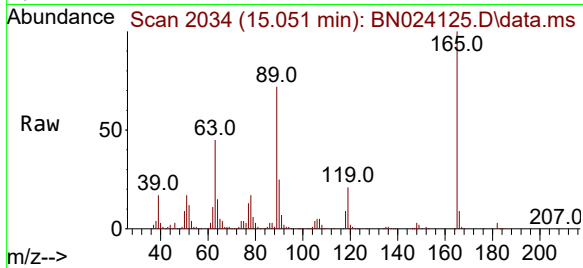




#57
2,4-Dinitrotoluene
Concen: 21.615 ng/ul
RT: 15.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

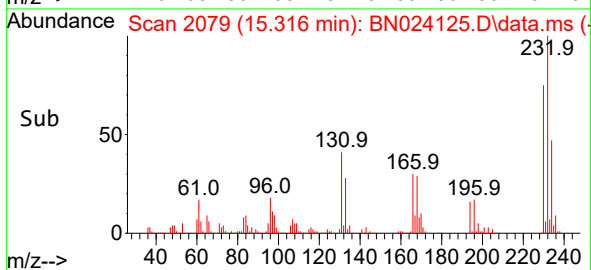
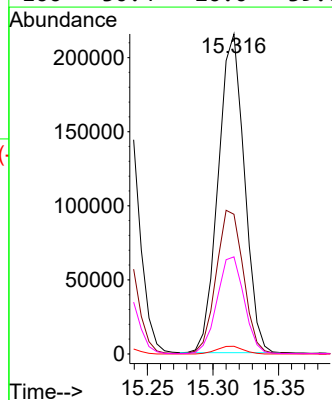
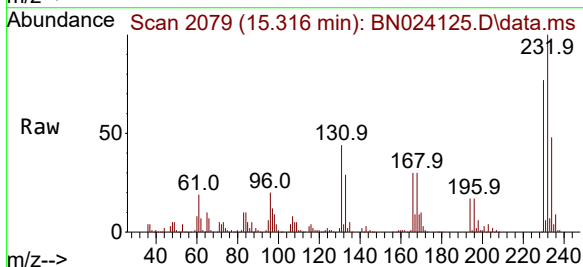
Instrument :
BNA_N
ClientSampleId :
SICV202

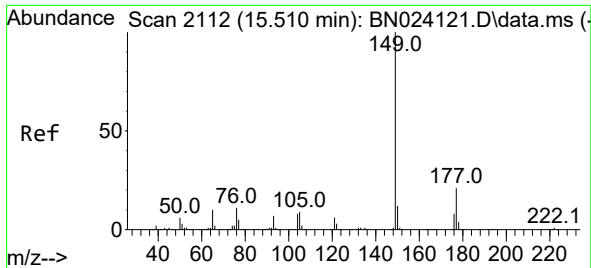
Tgt Ion:165 Resp: 321960
Ion Ratio Lower Upper
165 100
63 44.8 38.5 57.7
182 2.6 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.828 ng/ul
RT: 15.316 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:232 Resp: 298646
Ion Ratio Lower Upper
232 100
131 43.6 38.5 57.7
130 2.4 2.0 3.0
166 30.4 26.0 39.0

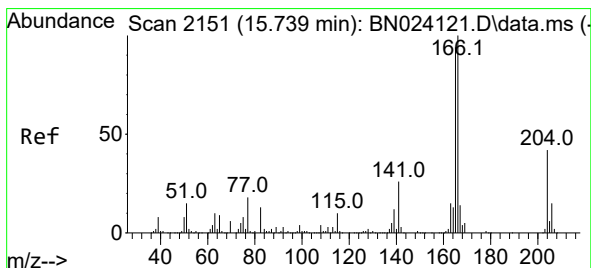
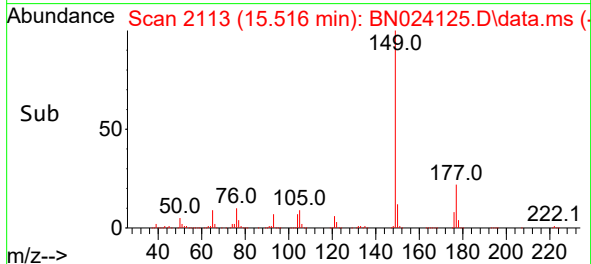
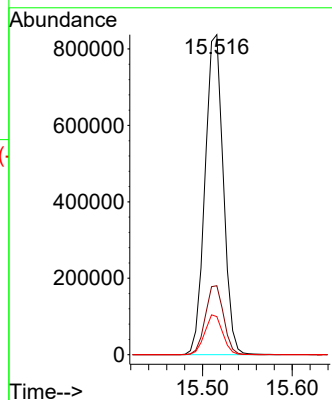
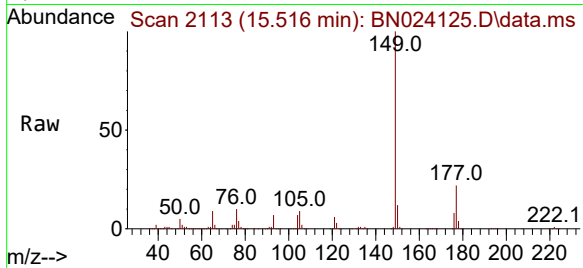




#59
Diethylphthalate
Concen: 18.455 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

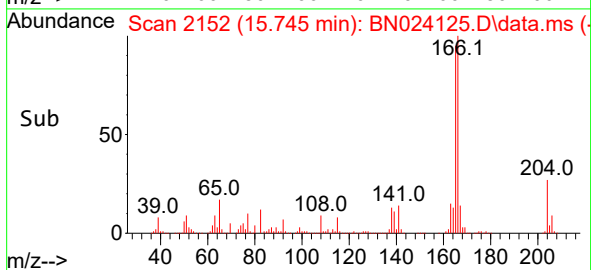
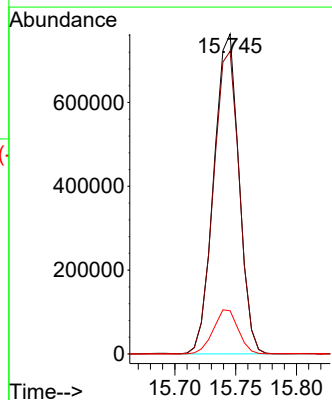
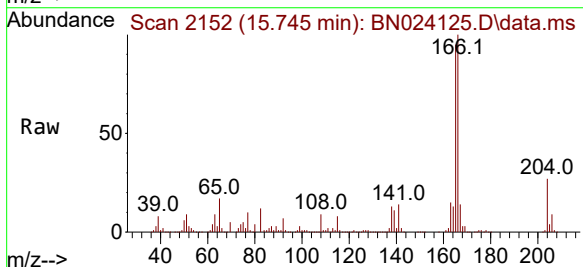
Instrument :
BNA_N
ClientSampleId :
SICV202

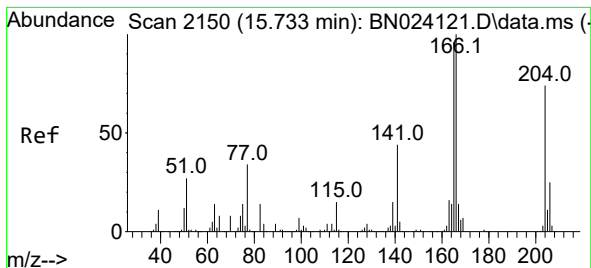
Tgt Ion:149 Resp: 1180958
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 11.9 9.7 14.5



#61
Fluorene
Concen: 18.265 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:166 Resp: 1095550
Ion Ratio Lower Upper
166 100
165 94.6 75.6 113.4
167 13.5 11.2 16.8

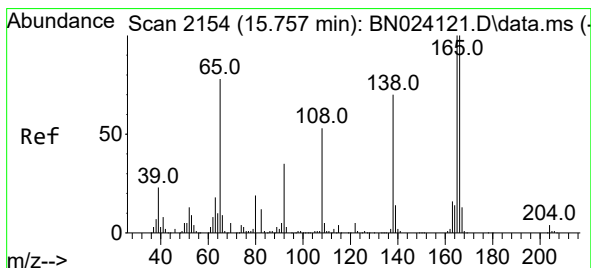
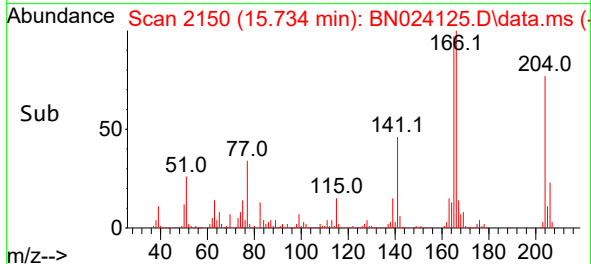
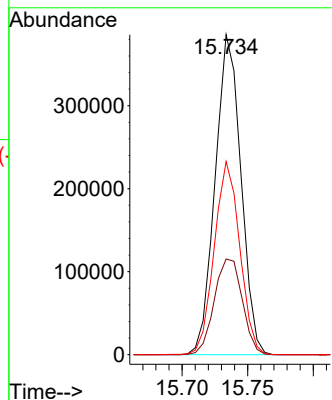
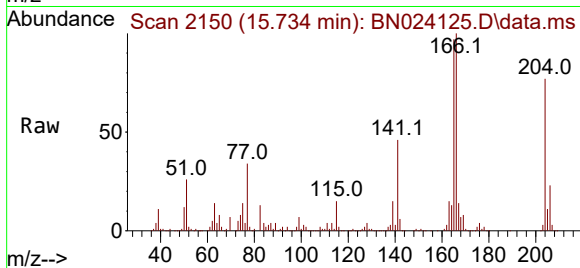




#62
4-Chlorophenyl-phenylether
Concen: 18.373 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

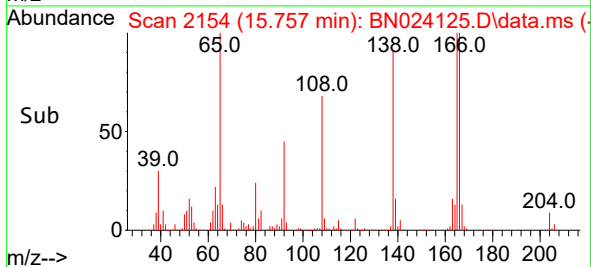
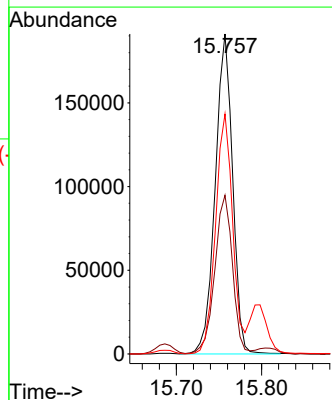
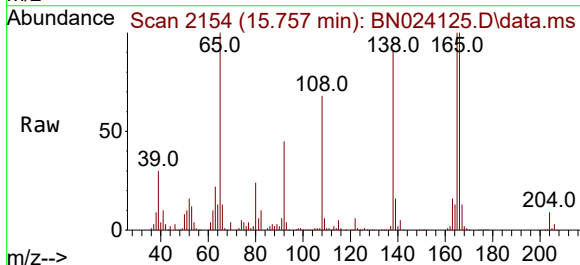
Instrument :
BNA_N
ClientSampleId :
SICV202

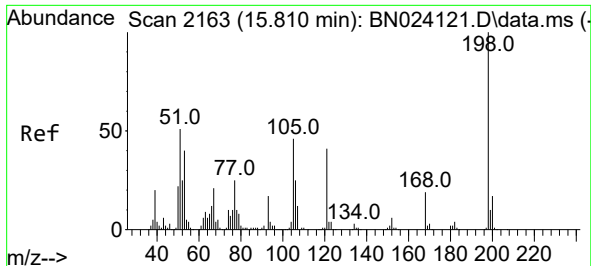
Tgt Ion:204 Resp: 526926
Ion Ratio Lower Upper
204 100
206 29.9 27.1 40.7
141 60.3 47.4 71.0



#63
4-Nitroaniline
Concen: 24.464 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:138 Resp: 271737
Ion Ratio Lower Upper
138 100
92 49.6 40.0 60.0
108 75.0 60.4 90.6

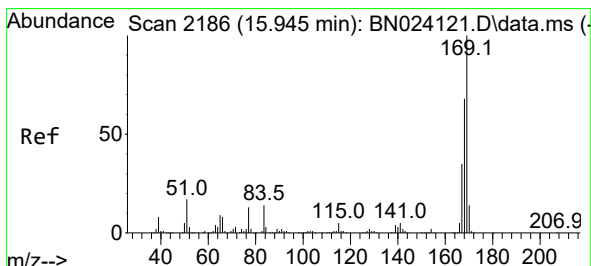
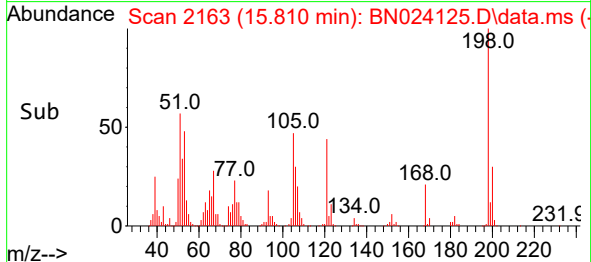
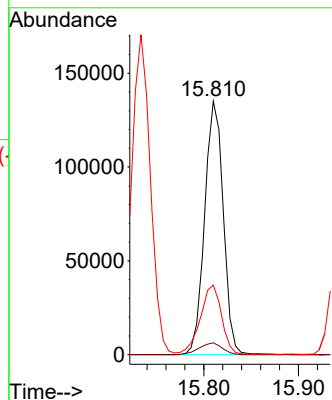
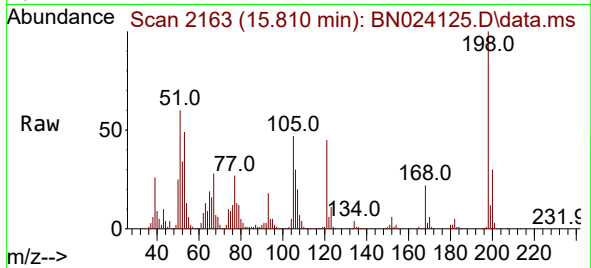




#66
 4,6-Dinitro-2-methylphenol
 Concen: 19.342 ng/ul
 RT: 15.810 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: BN024125.D
 Acq: 03 Mar 2023 13:17

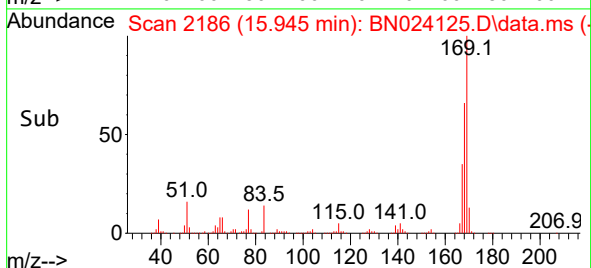
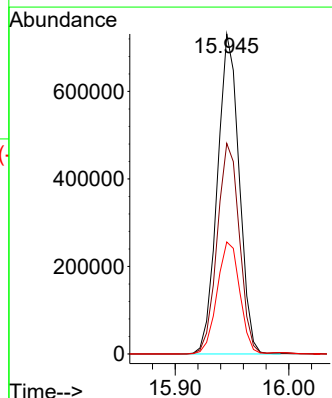
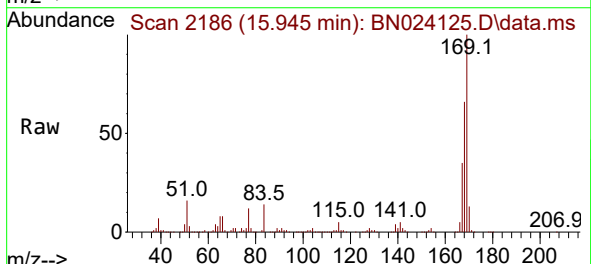
Instrument :
 BNA_N
 ClientSampleId :
 SICV202

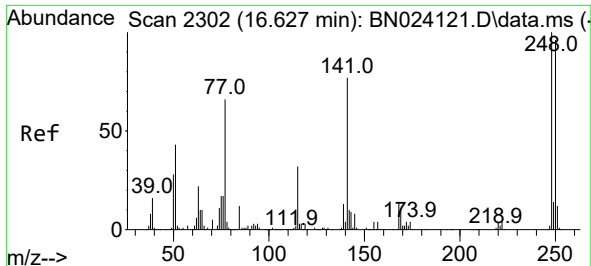
Tgt Ion:198 Resp: 185102
 Ion Ratio Lower Upper
 198 100
 182 4.7 3.4 5.0
 77 27.4 20.4 30.6



#67
 N-Nitrosodiphenylamine
 Concen: 18.732 ng/ul
 RT: 15.945 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: BN024125.D
 Acq: 03 Mar 2023 13:17

Tgt Ion:169 Resp: 974041
 Ion Ratio Lower Upper
 169 100
 168 65.8 54.5 81.7
 167 35.0 28.3 42.5

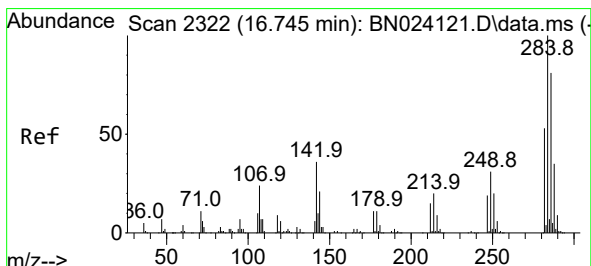
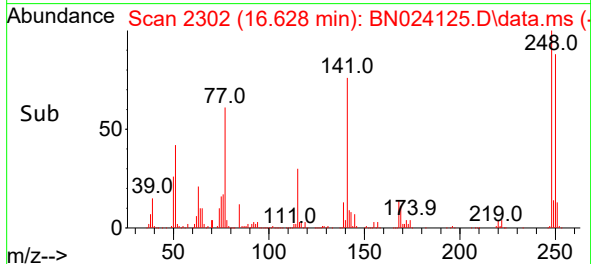
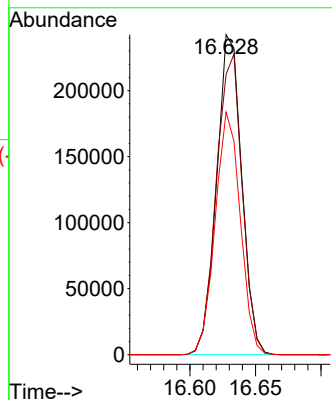
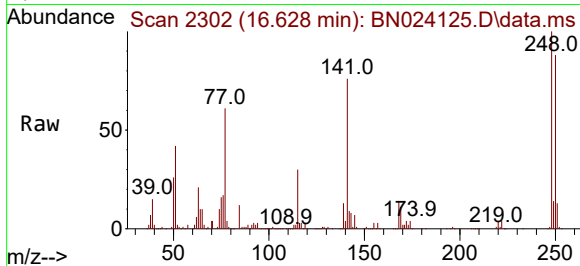




#68
4-Bromophenyl-phenylether
Concen: 18.551 ng/ul
RT: 16.628 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

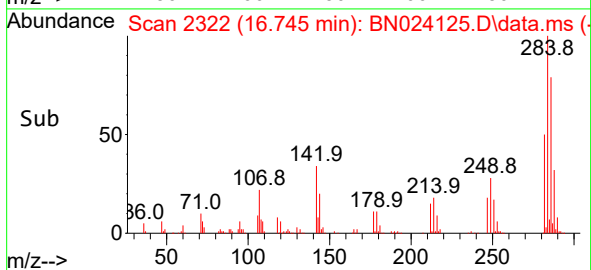
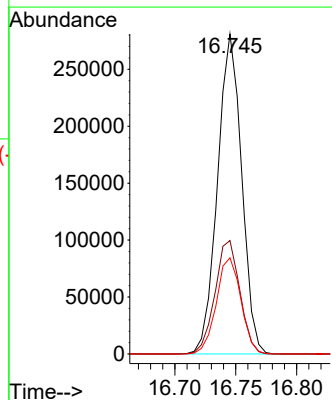
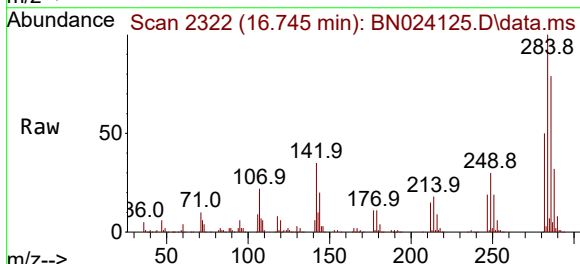
Instrument :
BNA_N
ClientSampleId :
SICV202

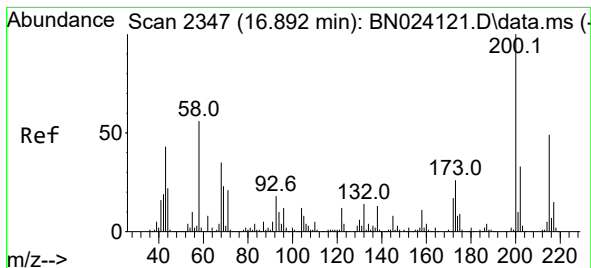
Tgt Ion:248 Resp: 323852
Ion Ratio Lower Upper
248 100
250 87.6 76.6 115.0
141 75.8 61.4 92.0



#69
Hexachlorobenzene
Concen: 18.229 ng/ul
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:284 Resp: 387138
Ion Ratio Lower Upper
284 100
142 35.5 29.0 43.6
249 30.1 25.0 37.6





#70

Atrazine

Concen: 19.314 ng/ul

RT: 16.898 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

Instrument :

BNA_N

ClientSampleId :

SICV202

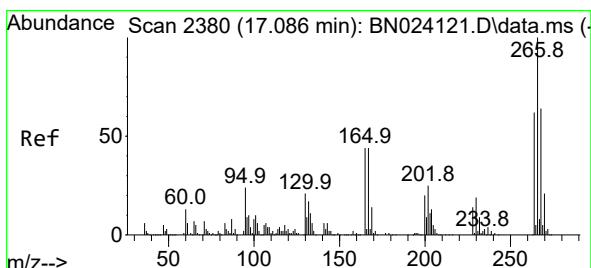
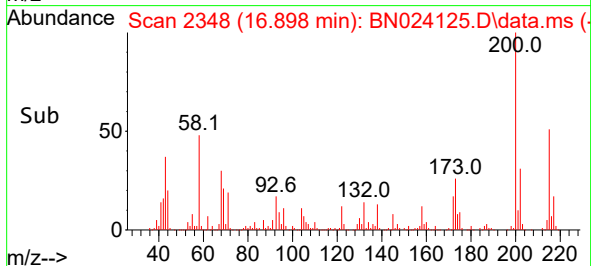
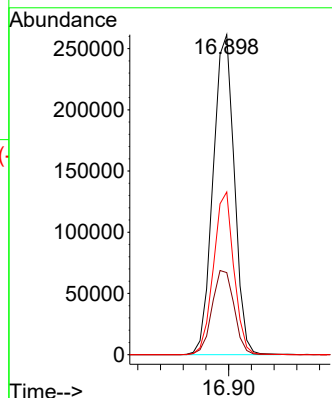
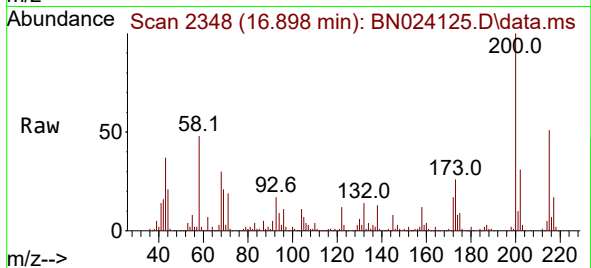
Tgt Ion:200 Resp: 339950

Ion Ratio Lower Upper

200 100

173 25.6 20.7 31.1

215 50.9 38.8 58.2



#71

Pentachlorophenol

Concen: 19.178 ng/ul

RT: 17.086 min Scan# 2380

Delta R.T. 0.000 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

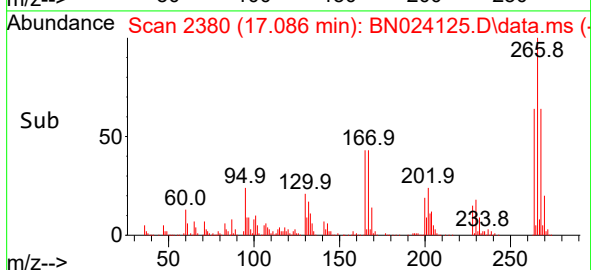
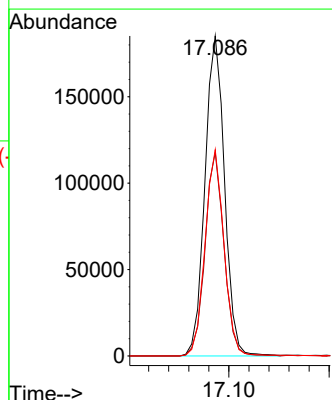
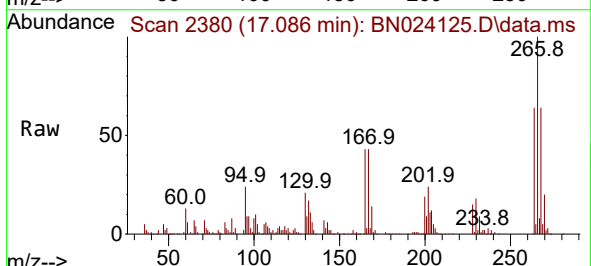
Tgt Ion:266 Resp: 251959

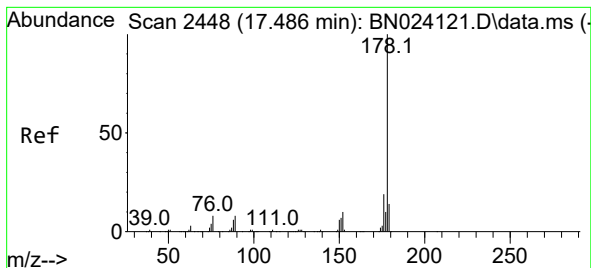
Ion Ratio Lower Upper

266 100

264 63.6 49.5 74.3

268 64.5 51.3 76.9





#72

Phenanthrene

Concen: 18.215 ng/ul

RT: 17.486 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

Instrument :

BNA_N

ClientSampleId :

SICV202

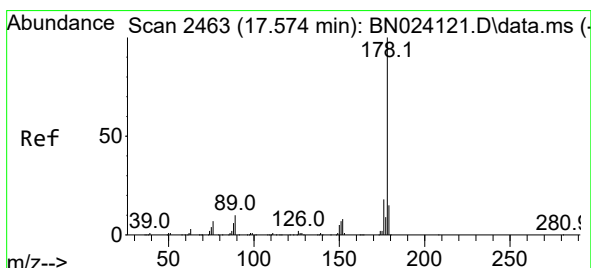
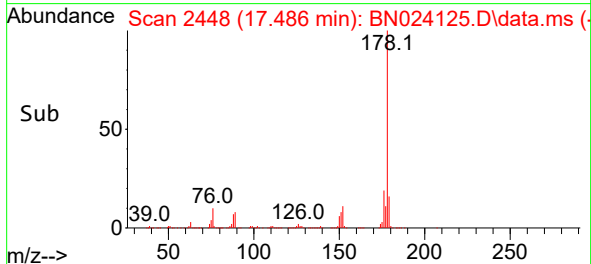
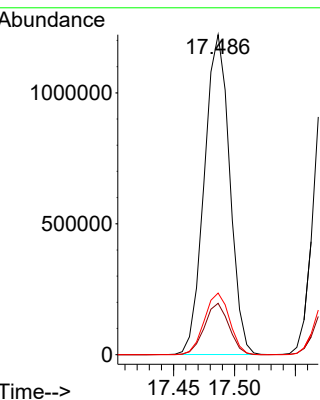
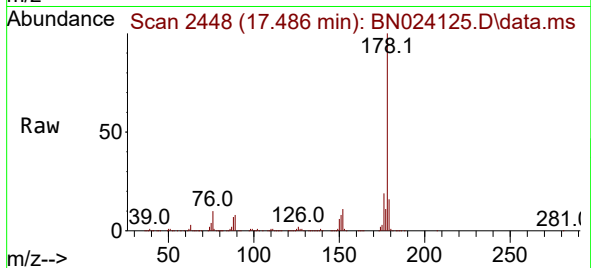
Tgt Ion:178 Resp: 1771825

Ion Ratio Lower Upper

178 100

179 16.0 11.6 17.4

176 19.2 14.9 22.3



#74

Anthracene

Concen: 18.543 ng/ul

RT: 17.575 min Scan# 2463

Delta R.T. 0.000 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

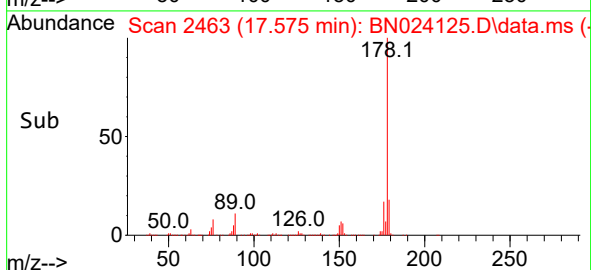
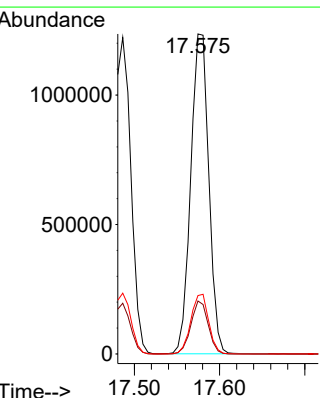
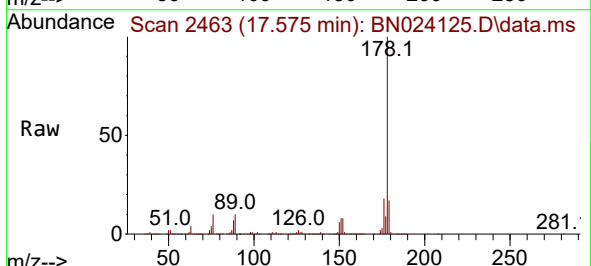
Tgt Ion:178 Resp: 1818644

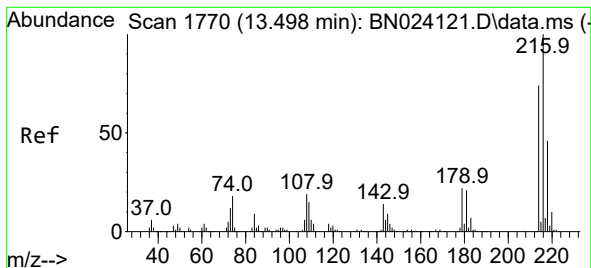
Ion Ratio Lower Upper

178 100

179 16.6 11.9 17.9

176 18.3 14.6 21.8

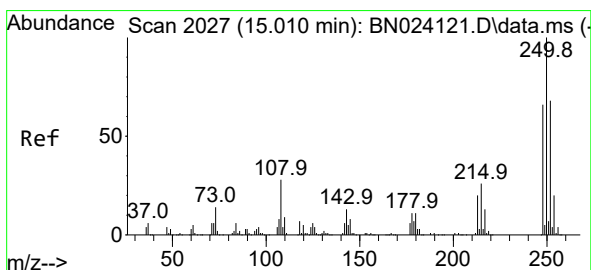
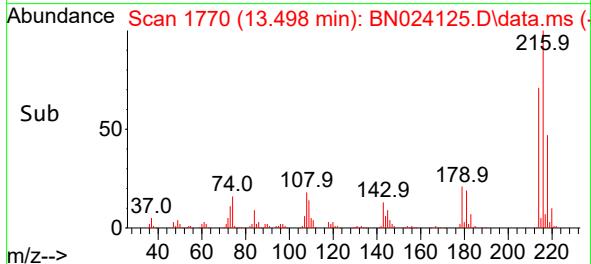
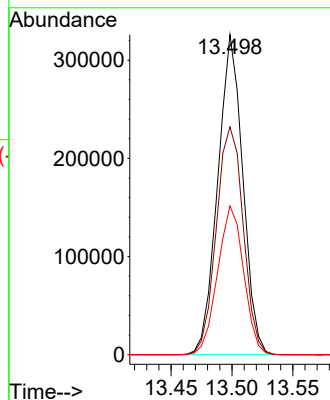
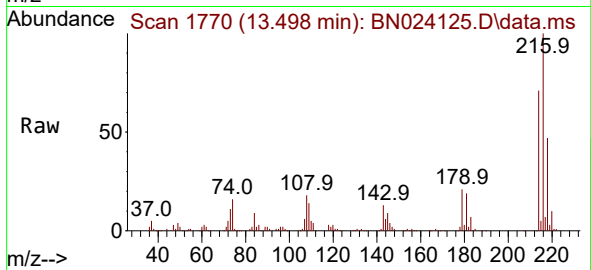




#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.249 ng/uL
RT: 13.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

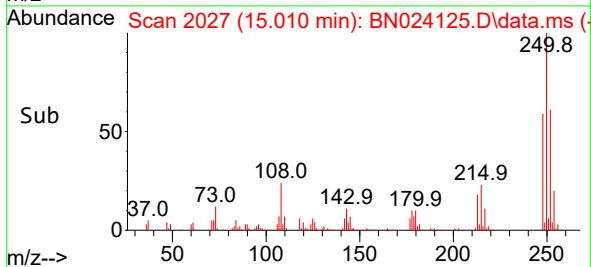
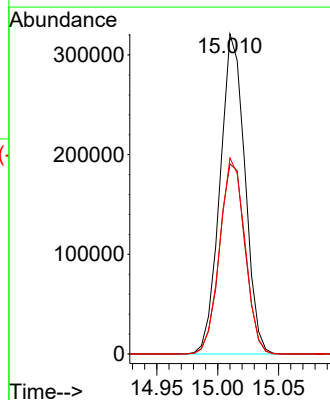
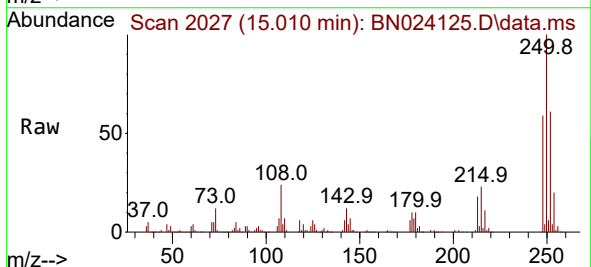
Instrument :
BNA_N
ClientSampleId :
SICV202

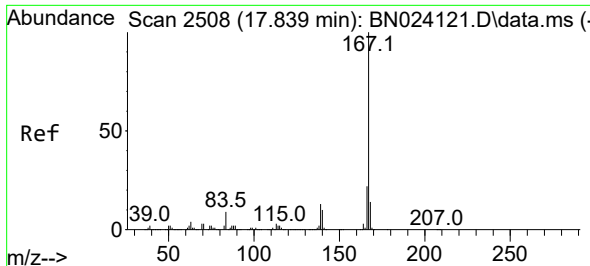
Tgt Ion:216 Resp: 467036
Ion Ratio Lower Upper
216 100
214 71.2 59.6 89.4
218 46.5 37.0 55.4



#76
Pentachlorobenzene
Concen: 18.277 ng/uL
RT: 15.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:250 Resp: 455763
Ion Ratio Lower Upper
250 100
248 59.4 53.0 79.4
252 61.2 54.6 81.8

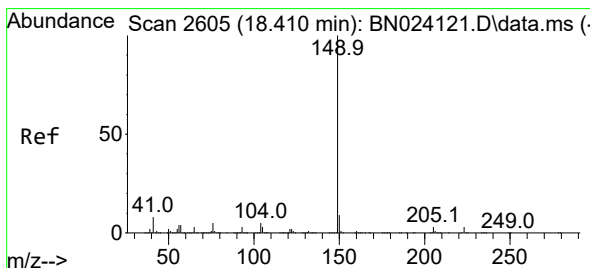
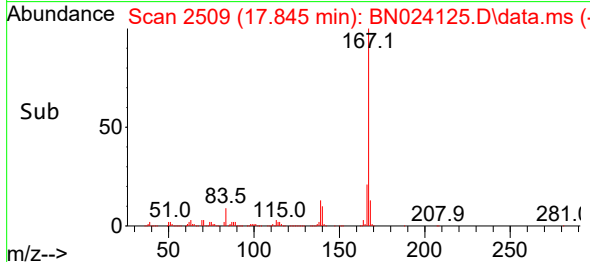
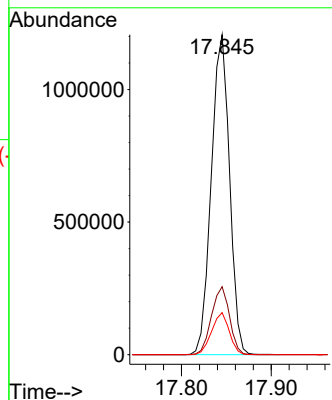
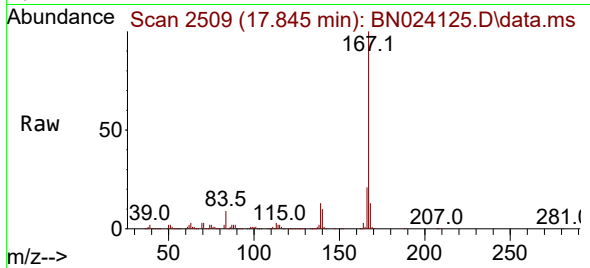




#77
 Carbazole
 Concen: 19.401 ng/ul
 RT: 17.845 min Scan# 2509
 Delta R.T. 0.006 min
 Lab File: BN024125.D
 Acq: 03 Mar 2023 13:17

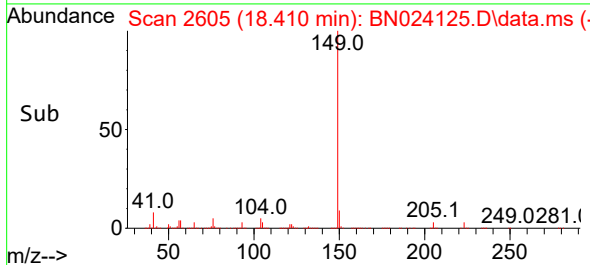
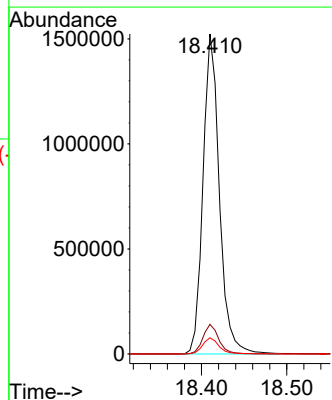
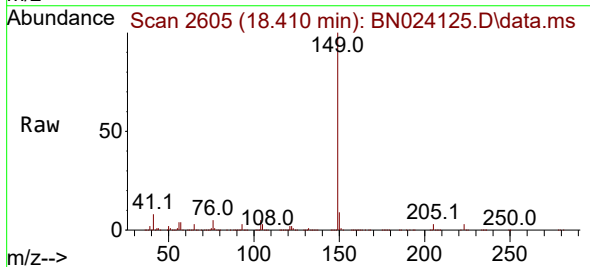
Instrument :
 BNA_N
 ClientSampleId :
 SICV202

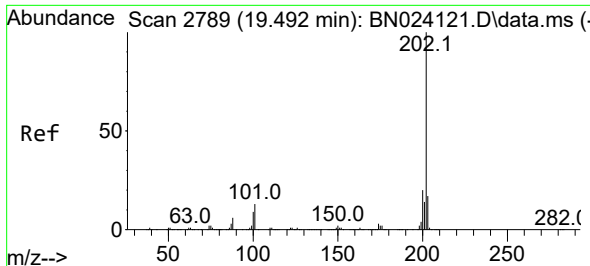
Tgt Ion:167 Resp: 1704038
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 13.2 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 19.418 ng/ul
 RT: 18.410 min Scan# 2605
 Delta R.T. 0.000 min
 Lab File: BN024125.D
 Acq: 03 Mar 2023 13:17

Tgt Ion:149 Resp: 2030170
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.0 4.0 6.0

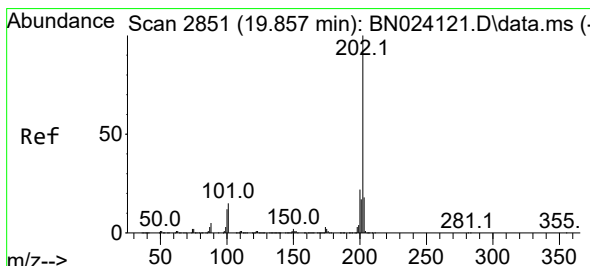
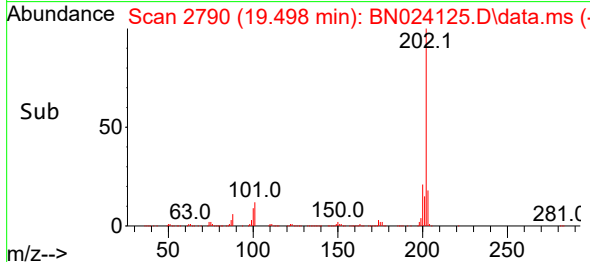
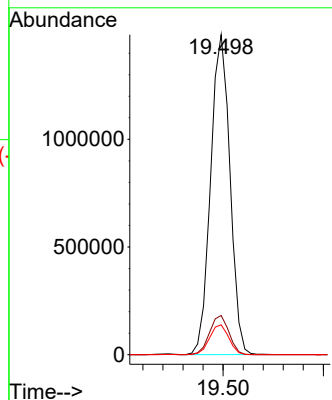
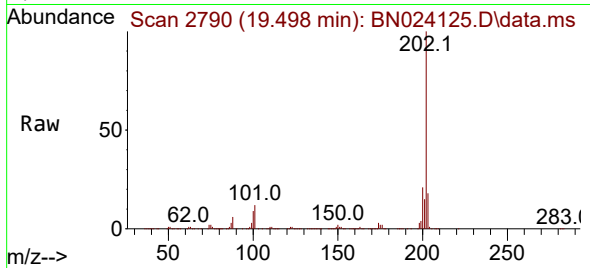




#80
Fluoranthene
Concen: 18.274 ng/ul
RT: 19.498 min Scan# 2789
Delta R.T. 0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

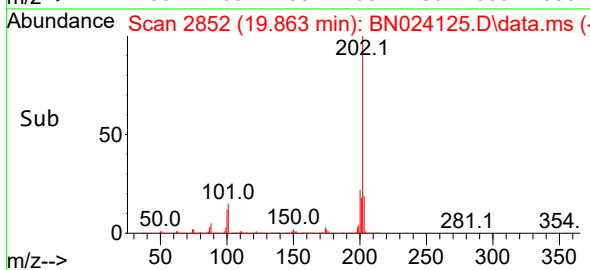
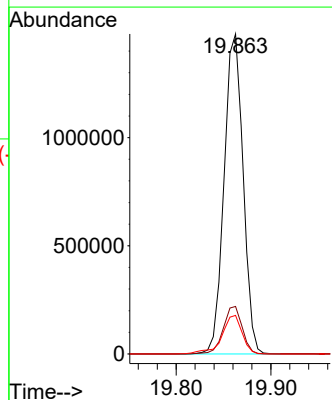
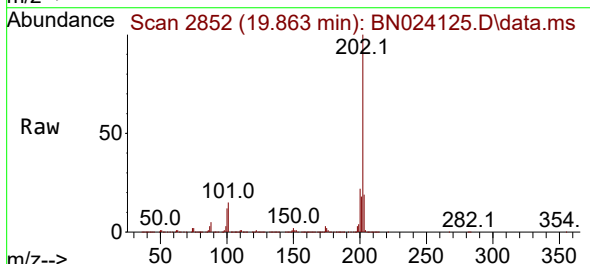
Instrument :
BNA_N
ClientSampleId :
SICV202

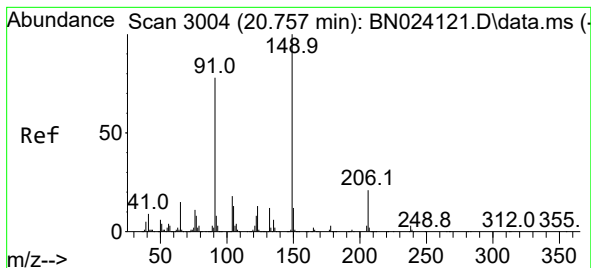
Tgt Ion:202 Resp: 1985669
Ion Ratio Lower Upper
202 100
101 12.3 10.0 15.0
100 9.4 7.6 11.4



#82
Pyrene
Concen: 18.003 ng/ul
RT: 19.863 min Scan# 2852
Delta R.T. 0.006 min
Lab File: BN024125.D
Acq: 03 Mar 2023 13:17

Tgt Ion:202 Resp: 2063925
Ion Ratio Lower Upper
202 100
101 14.8 11.9 17.9
100 12.1 9.9 14.9





#83

Butylbenzylphthalate

Concen: 20.282 ng/ul

RT: 20.763 min Scan# 3005

Delta R.T. 0.006 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

Instrument :

BNA_N

ClientSampleId :

SICV202

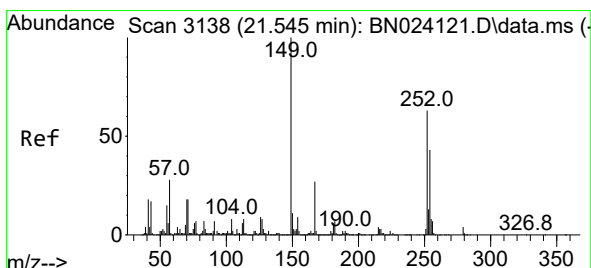
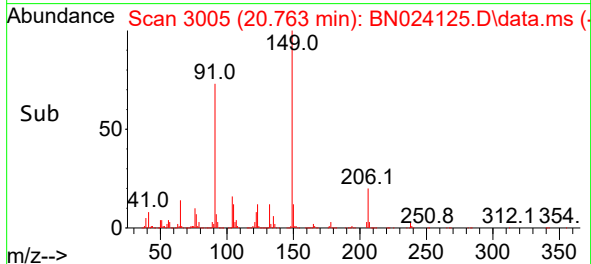
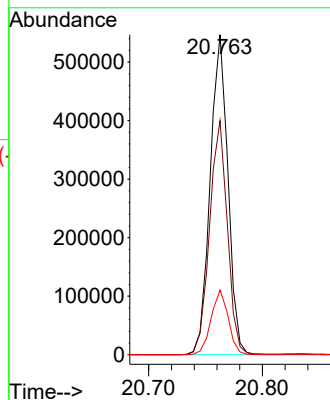
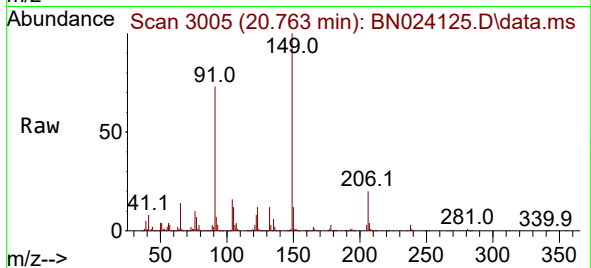
Tgt Ion:149 Resp: 592143

Ion Ratio Lower Upper

149 100

91 73.1 62.2 93.2

206 20.2 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 24.833 ng/ul

RT: 21.551 min Scan# 3139

Delta R.T. 0.006 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

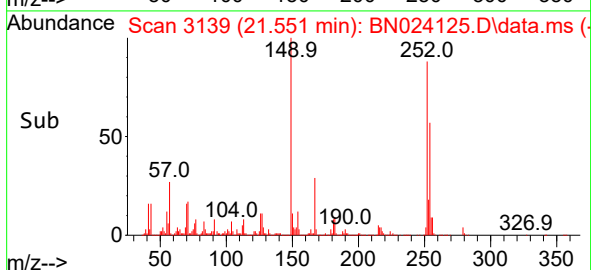
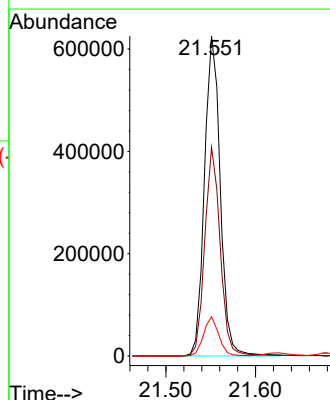
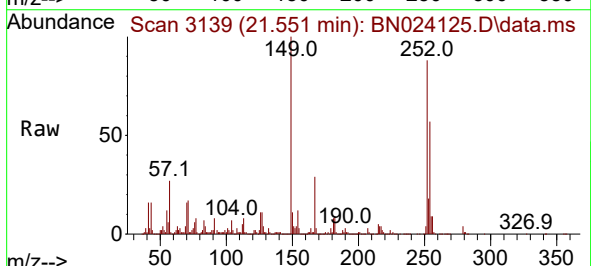
Tgt Ion:252 Resp: 765486

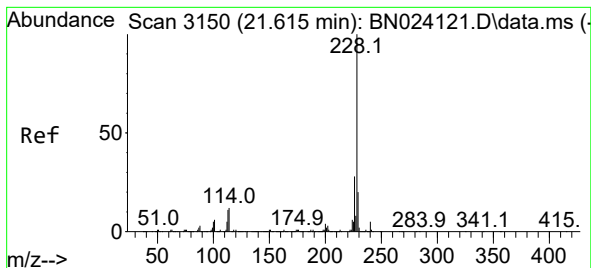
Ion Ratio Lower Upper

252 100

254 65.2 54.6 81.8

126 12.3 11.0 16.6





#85

Benzo(a)anthracene

Concen: 18.257 ng/ul

RT: 21.622 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

Instrument :

BNA_N

ClientSampleId :

SICV202

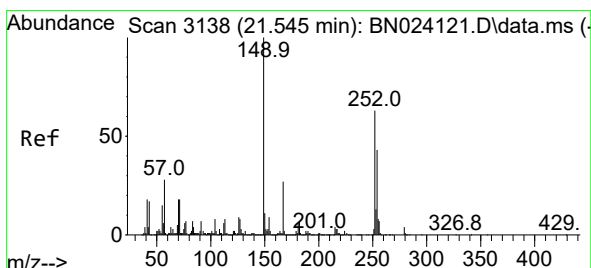
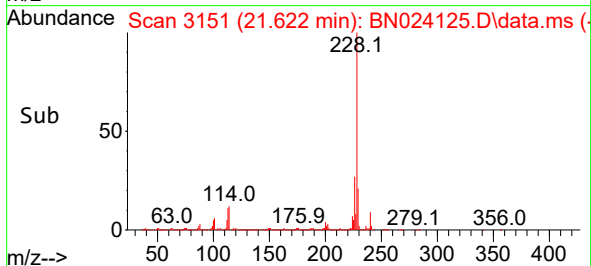
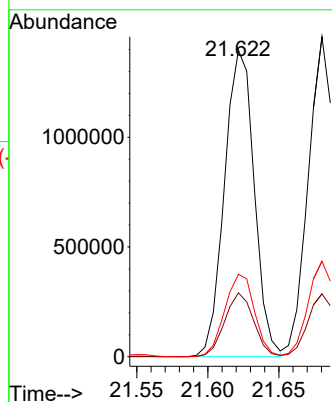
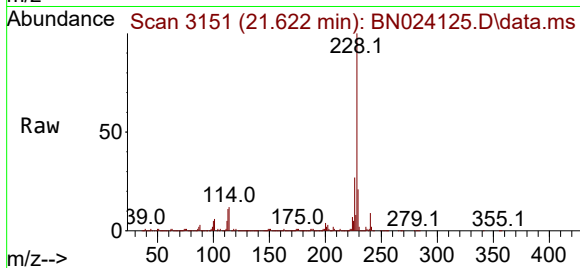
Tgt Ion:228 Resp: 2035257

Ion Ratio Lower Upper

228 100

229 20.8 16.3 24.5

226 26.9 22.6 34.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.944 ng/ul

RT: 21.545 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

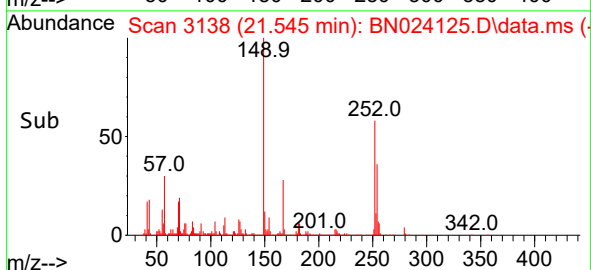
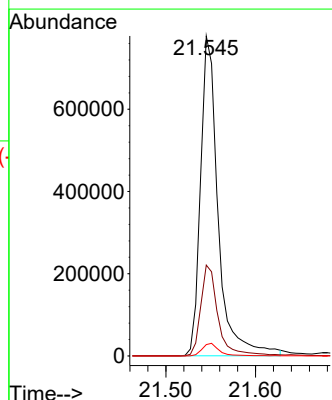
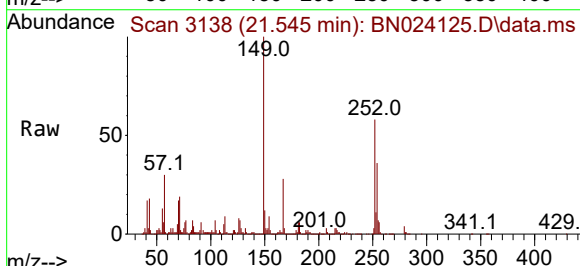
Tgt Ion:149 Resp: 1063209

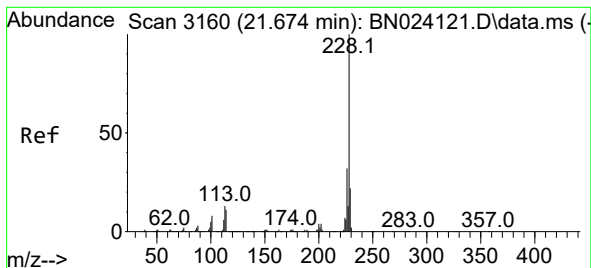
Ion Ratio Lower Upper

149 100

167 28.4 21.6 32.4

279 3.6 3.4 5.2





#87

Chrysene

Concen: 18.178 ng/ul

RT: 21.680 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

Instrument :

BNA_N

ClientSampleId :

SICV202

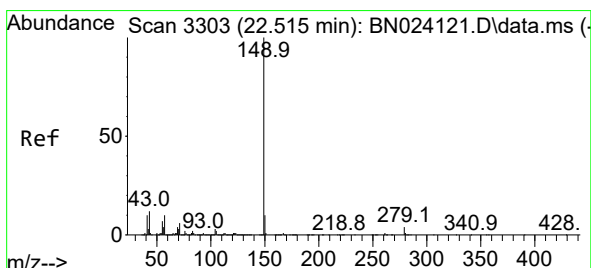
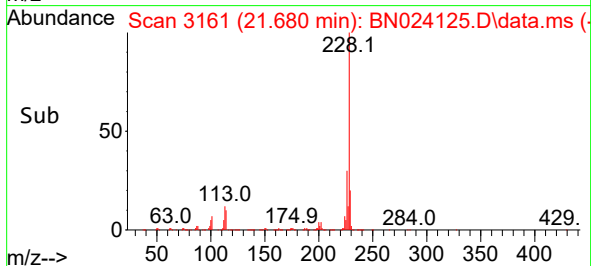
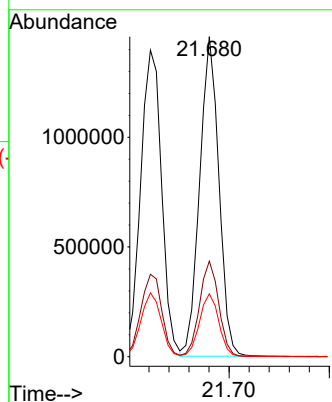
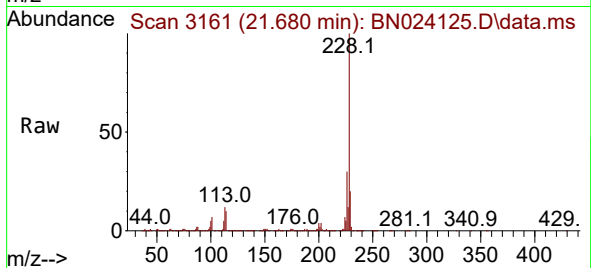
Tgt Ion:228 Resp: 1939680

Ion Ratio Lower Upper

228 100

226 29.8 25.8 38.6

229 19.7 17.5 26.3



#89

Di-n-octyl phthalate

Concen: 18.599 ng/ul

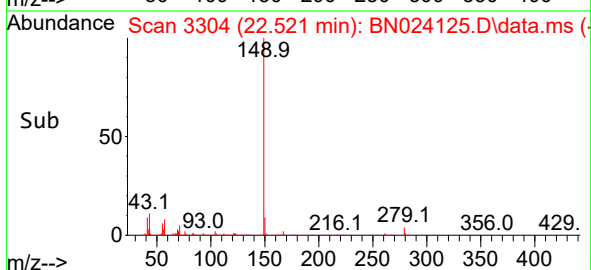
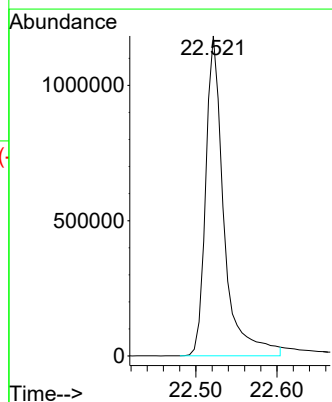
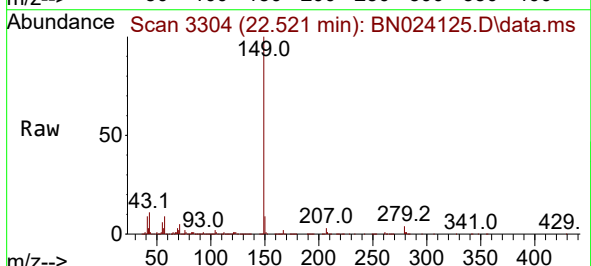
RT: 22.521 min Scan# 3304

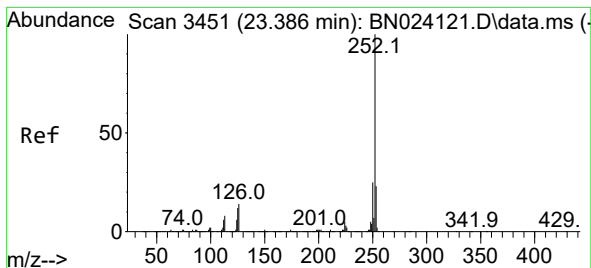
Delta R.T. 0.006 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

Tgt Ion:149 Resp: 1840570





#90

Benzo(b)fluoranthene

Concen: 18.751 ng/ul

RT: 23.398 min Scan# 3453

Delta R.T. 0.012 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

Instrument :

BNA_N

ClientSampleId :

SICV202

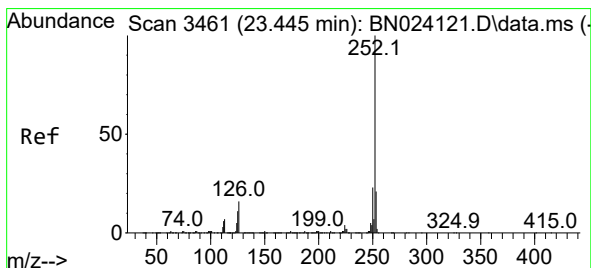
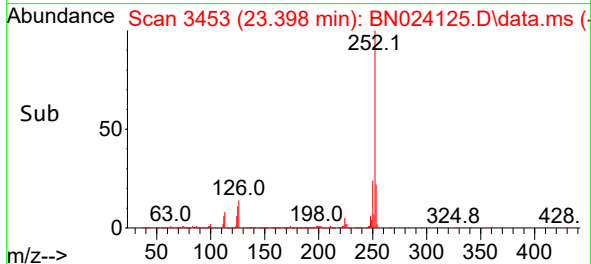
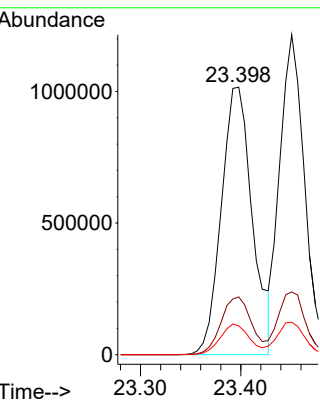
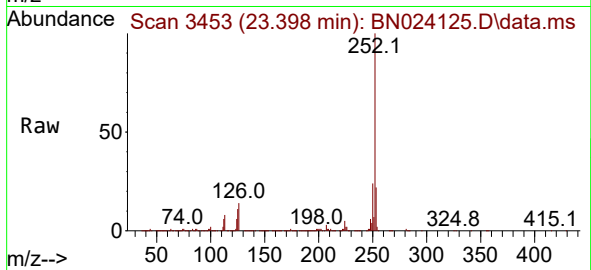
Tgt Ion:252 Resp: 2184432

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

125 10.8 9.5 14.3



#91

Benzo(k)fluoranthene

Concen: 17.983 ng/ul

RT: 23.451 min Scan# 3462

Delta R.T. 0.006 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

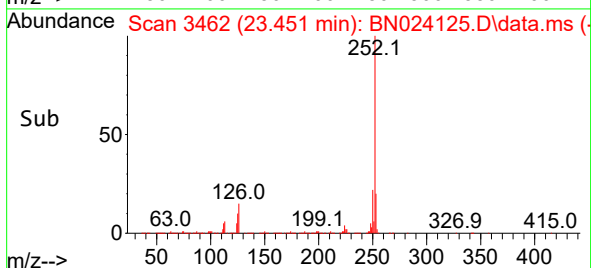
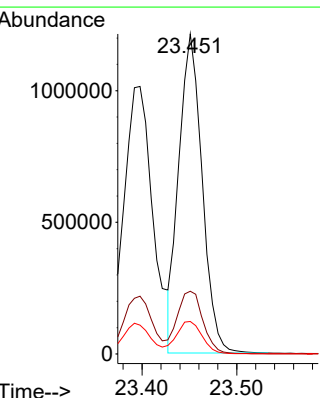
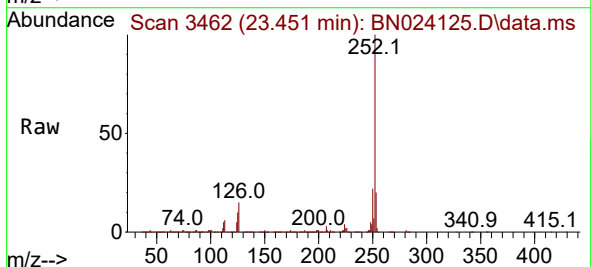
Tgt Ion:252 Resp: 2072114

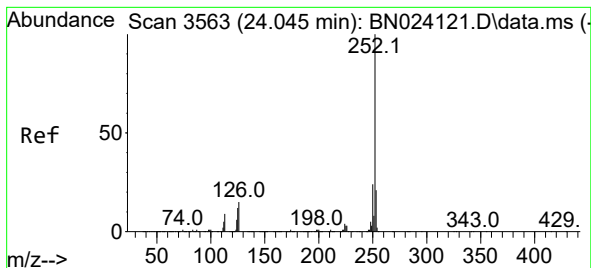
Ion Ratio Lower Upper

252 100

253 19.6 17.4 26.0

125 10.2 9.0 13.6





#93

Benzo(a)pyrene

Concen: 18.102 ng/ul

RT: 24.051 min Scan# 3

Delta R.T. 0.006 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

Instrument :

BNA_N

ClientSampleId :

SICV202

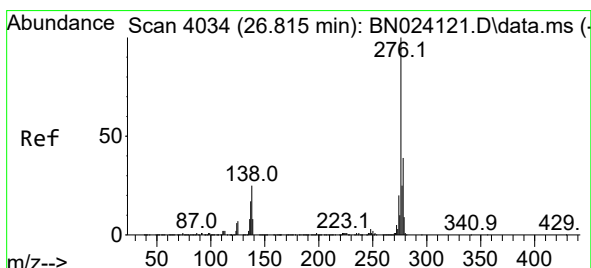
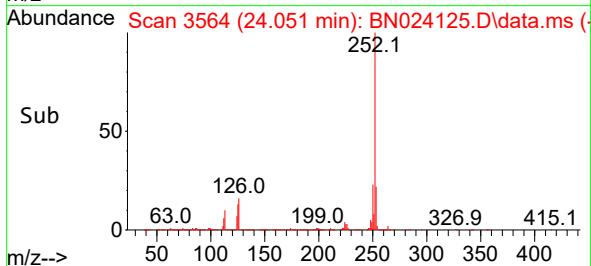
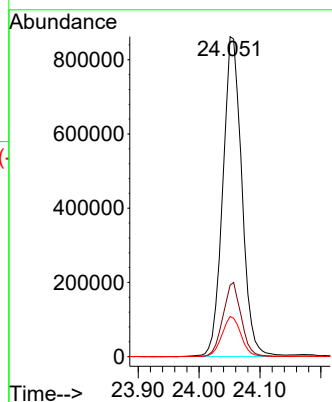
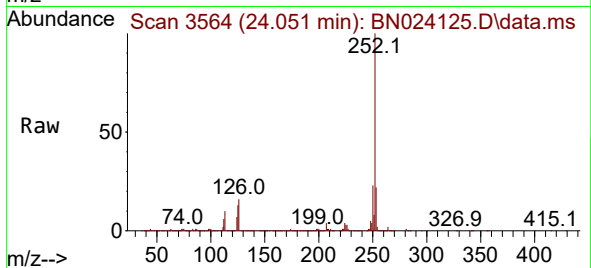
Tgt Ion:252 Resp: 1867600

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 12.5 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.498 ng/ul

RT: 26.833 min Scan# 4037

Delta R.T. 0.018 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

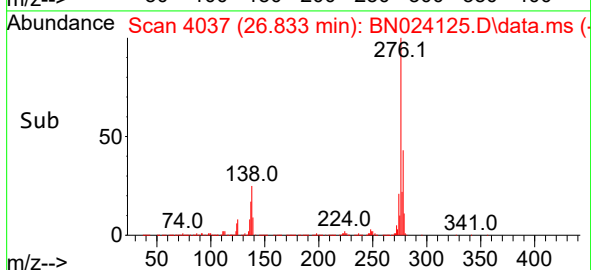
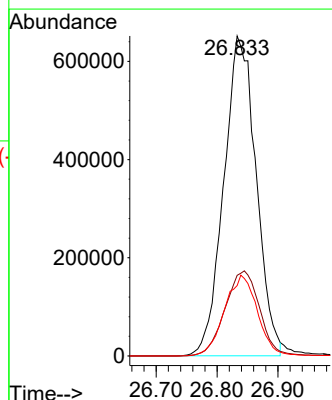
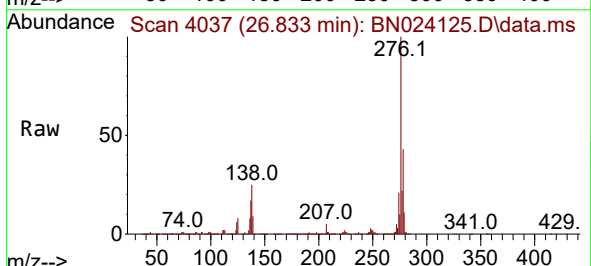
Tgt Ion:276 Resp: 2403330

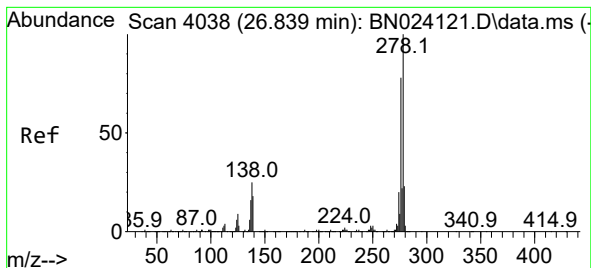
Ion Ratio Lower Upper

276 100

138 25.2 19.6 29.4

277 22.0 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 19.141 ng/ul

RT: 26.862 min Scan# 4038

Delta R.T. 0.024 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

Instrument :

BNA_N

ClientSampleId :

SICV202

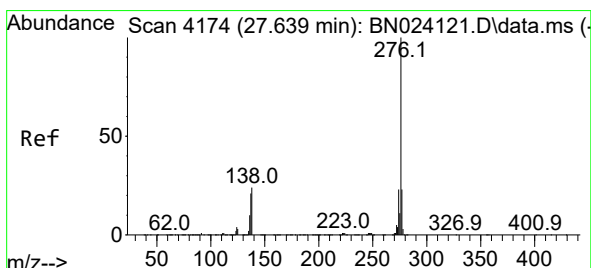
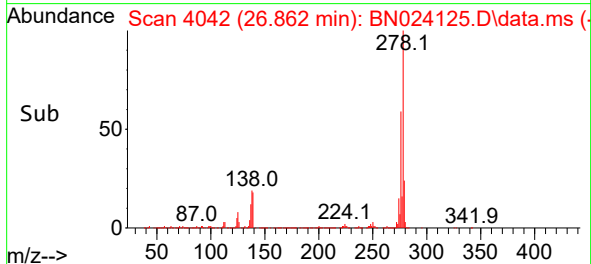
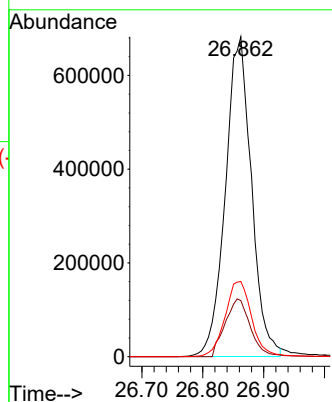
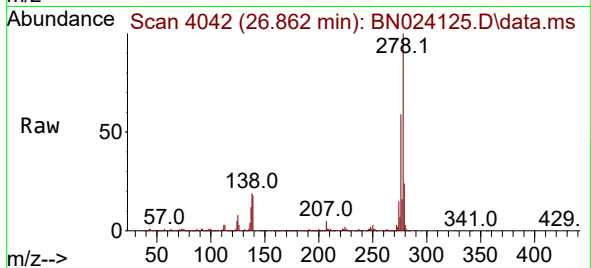
Tgt Ion:278 Resp: 2024965

Ion Ratio Lower Upper

278 100

139 17.5 14.4 21.6

279 23.5 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 18.520 ng/ul

RT: 27.645 min Scan# 4175

Delta R.T. 0.006 min

Lab File: BN024125.D

Acq: 03 Mar 2023 13:17

Tgt Ion:276 Resp: 1985269

Ion Ratio Lower Upper

276 100

138 24.2 18.8 28.2

277 25.3 18.6 27.8

