

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
 Data File : BN022367.D
 Acq On : 27 Oct 2022 18:40
 Operator : CG/JU
 Sample : PB148426BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 28 00:36:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 28 00:29:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	154103	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	628048	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	349195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	578035	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	420845	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	432884	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	25820	6.350	ng/uL	0.00
4) Pyridine-d5	3.681	84	332550	26.294	ng/ul	0.00
7) Phenol-d5	7.099	99	482356	32.018	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	296406	31.398	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	359836	34.449	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	361045	30.160	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	175438	38.095	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	191582	40.588	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	324511	36.626	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	406304	28.049	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	807952	33.192	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	998763	36.743	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	155736	29.974	ng/ul	0.00
60) Fluorene-d10	15.604	176	674102	32.833	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	118680	35.989	ng/ul	0.00
73) Anthracene-d10	17.469	188	909035	36.188	ng/ul	0.00
81) Pyrene-d10	19.769	212	865869	41.324	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	773997	36.459	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	54915	12.392	ng/uL	97
5) Pyridine	3.705	79	359743	28.672	ng/ul	92
6) Benzaldehyde	7.069	77	276496	37.165	ng/ul	96
8) Phenol	7.122	94	473171	29.591	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.358	93	374215	29.417	ng/ul	99
12) 2-Chlorophenol	7.493	128	361274	31.323	ng/ul	100
13) 2-Methylphenol	8.387	108	349076	29.198	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.475	45	510799	28.061	ng/ul	99
16) Acetophenone	8.775	105	539152	28.189	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.763	70	279391	27.427	ng/ul	99
18) 4-Methylphenol	8.722	108	378357	28.264	ng/ul	97
19) Hexachloroethane	9.022	117	151746	33.699	ng/ul	96
22) Nitrobenzene	9.163	77	426920	35.107	ng/ul	98
23) Isophorone	9.693	82	773815	32.231	ng/ul	100
25) 2-Nitrophenol	9.875	139	201468	36.166	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	387340	32.979	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.175	93	486958	32.437	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	313459	33.923	ng/ul	98
30) Naphthalene	10.816	128	1117202	33.207	ng/ul	98
32) 4-Chloroaniline	10.934	127	431602	28.742	ng/ul	98
33) Hexachlorobutadiene	11.093	225	174237	34.365	ng/ul	97
34) Caprolactam	11.728	113	99890	27.822	ng/ul	93
35) 4-Chloro-3-methylphenol	12.063	107	340753	30.588	ng/ul	99
36) 2-Methylnaphthalene	12.434	142	707649	30.457	ng/ul	99

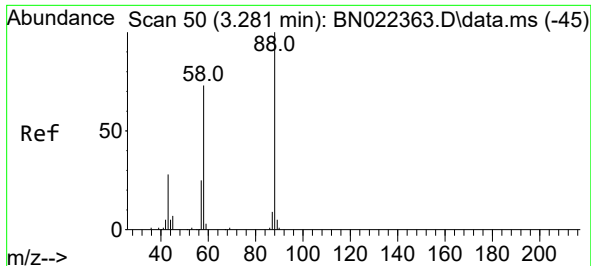
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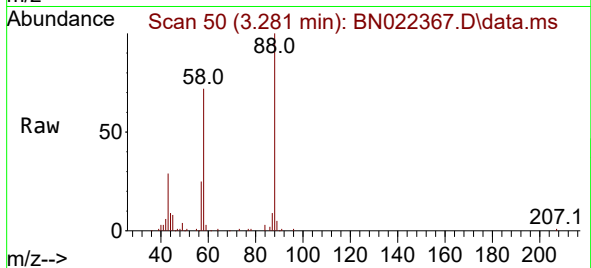
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	715250	30.741	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.798	216	323178	35.677	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	180409	35.625	ng/ul	94
41) 2,4,6-Trichlorophenol	13.046	196	221253	35.820	ng/ul	99
42) 2,4,5-Trichlorophenol	13.116	196	239495	34.817	ng/ul	98
43) 1,1'-Biphenyl	13.445	154	885403	34.733	ng/ul	98
44) 2-Chloronaphthalene	13.487	162	700701	35.179	ng/ul	97
45) 2-Nitroaniline	13.698	65	212644	34.461	ng/ul	95
47) Dimethylphthalate	14.069	163	803169	30.696	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	165604	33.789	ng/ul	94
50) Acenaphthylene	14.334	152	1072177	34.539	ng/ul	98
51) 3-Nitroaniline	14.528	138	178737	30.886	ng/ul	98
52) Acenaphthene	14.675	153	719201	32.671	ng/ul	93
53) 2,4-Dinitrophenol	14.740	184	89885	27.073	ng/ul	97
55) 4-Nitrophenol	14.834	109	115845	27.499	ng/ul	98
56) Dibenzofuran	15.010	168	961994	32.025	ng/ul	99
57) 2,4-Dinitrotoluene	14.987	165	226303	31.519	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.240	232	180558	31.540	ng/ul	91
59) Diethylphthalate	15.434	149	776759	29.227	ng/ul	98
61) Fluorene	15.663	166	736572	30.501	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.657	204	341354	30.168	ng/ul	99
63) 4-Nitroaniline	15.692	138	182977	33.887	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	120777	34.114	ng/ul	94
67) N-Nitrosodiphenylamine	15.875	169	632954	37.864	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	192257	37.651	ng/ul	94
69) Hexachlorobenzene	16.669	284	207504	33.384	ng/ul	96
70) Atrazine	16.828	200	176860	31.417	ng/ul	97
71) Pentachlorophenol	17.016	266	125634	32.687	ng/ul	97
72) Phenanthrene	17.410	178	1076755	34.532	ng/ul	97
74) Anthracene	17.504	178	1092538	35.275	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.410	216	331161	45.549	ng/ul	97
76) Pentachlorobenzene	14.928	250	283557	36.336	ng/ul	98
77) Carbazole	17.781	167	986927	34.451	ng/ul	97
78) Di-n-butylphthalate	18.339	149	1218386	34.317	ng/ul	99
80) Fluoranthene	19.433	202	1049871	39.917	ng/ul	97
82) Pyrene	19.798	202	1085860	39.462	ng/ul	99
83) Butylbenzylphthalate	20.698	149	448414	37.561	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	286629	31.493	ng/ul	99
85) Benzo(a)anthracene	21.557	228	918567	34.159	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.474	149	624841	36.187	ng/ul	97
87) Chrysene	21.610	228	895024	34.634	ng/ul	96
89) Di-n-octyl phthalate	22.416	149	1013148	33.034	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	930696	34.089	ng/ul	95
91) Benzo(k)fluoranthene	23.327	252	866722	32.132	ng/ul	99
93) Benzo(a)pyrene	23.927	252	812611	33.302	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.610	276	581587	19.069	ng/ul	99
95) Dibenzo(a,h)anthracene	26.639	278	920932	33.750	ng/ul	97
96) Benzo(g,h,i)perylene	27.415	276	954725	34.794	ng/ul	100

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

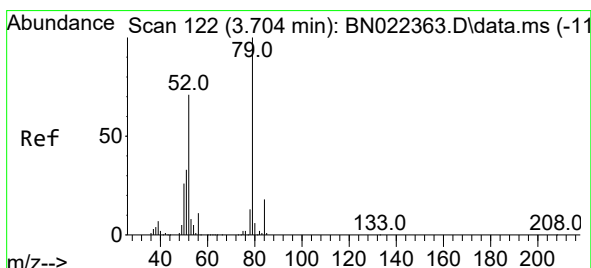
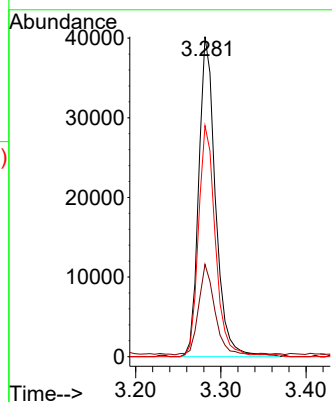
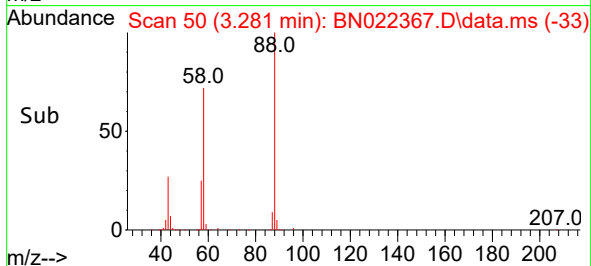


#2
1,4-Dioxane
Concen: 12.392 ng/uL
RT: 3.281 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

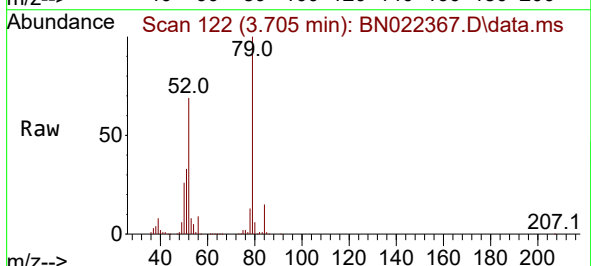
Instrument :
BNA_N
ClientSampleId :



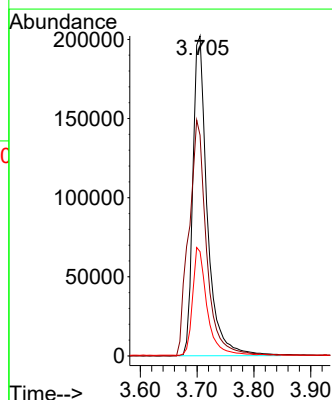
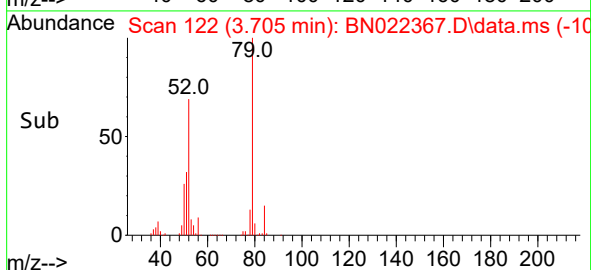
Tgt Ion: 88 Resp: 54915
Ion Ratio Lower Upper
88 100
43 28.8 22.6 34.0
58 72.2 59.9 89.9

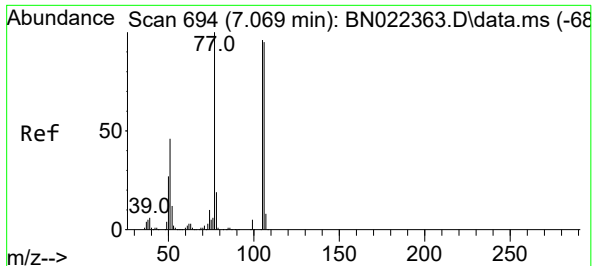


#5
Pyridine
Concen: 28.672 ng/uL
RT: 3.705 min Scan# 122
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40



Tgt Ion: 79 Resp: 359743
Ion Ratio Lower Upper
79 100
52 69.0 61.7 92.5
51 32.6 27.8 41.6

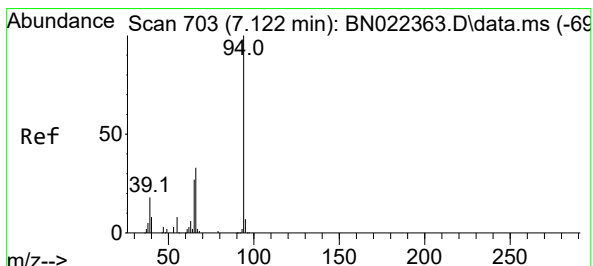
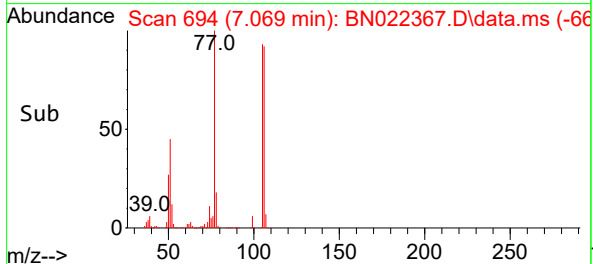
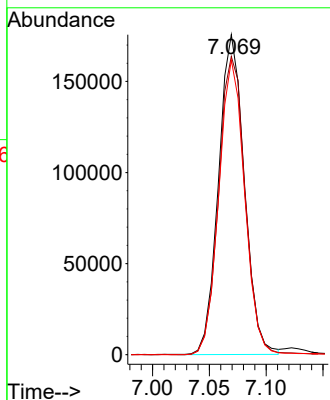
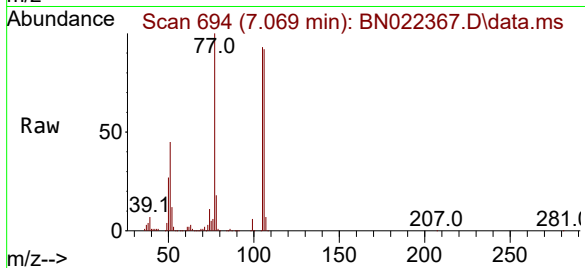




#6
Benzaldehyde
Concen: 37.165 ng/ul
RT: 7.069 min Scan# 694
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

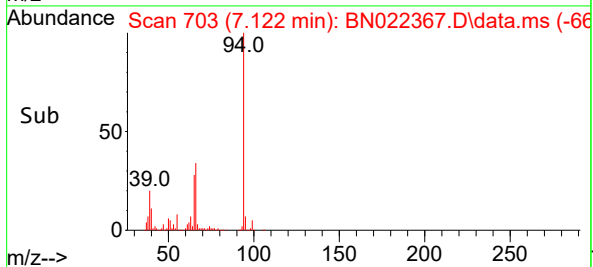
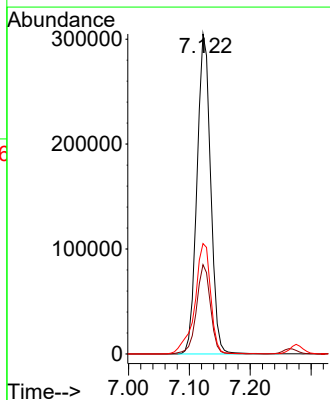
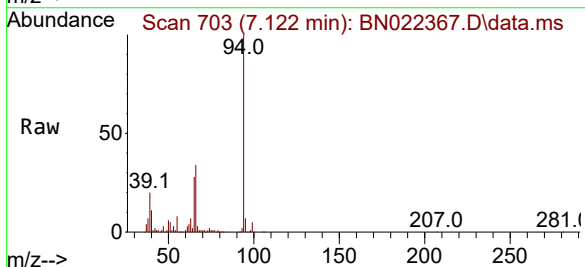
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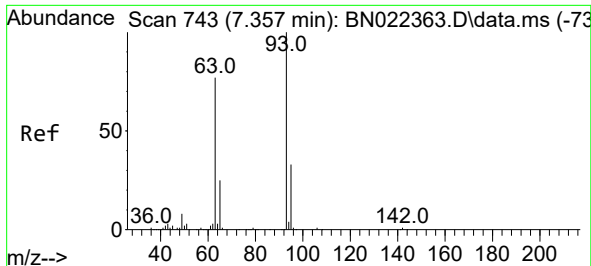
Tgt Ion: 77 Resp: 276496
Ion Ratio Lower Upper
77 100
105 93.2 78.6 118.0
106 92.1 75.4 113.2



#8
Phenol
Concen: 29.591 ng/ul
RT: 7.122 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

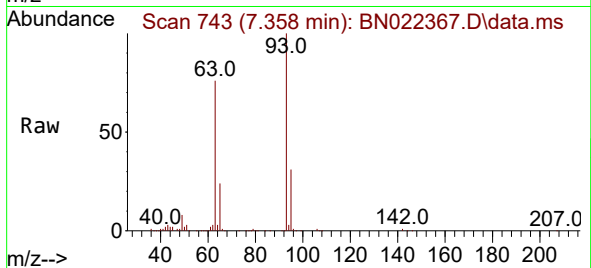
Tgt Ion: 94 Resp: 473171
Ion Ratio Lower Upper
94 100
65 27.9 22.1 33.1
66 34.5 29.0 43.6



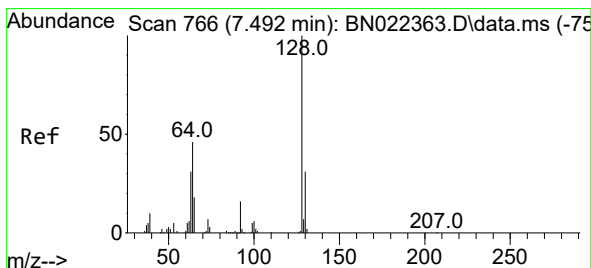
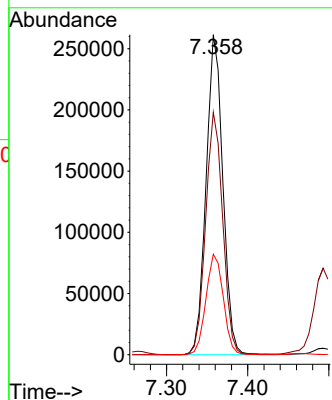
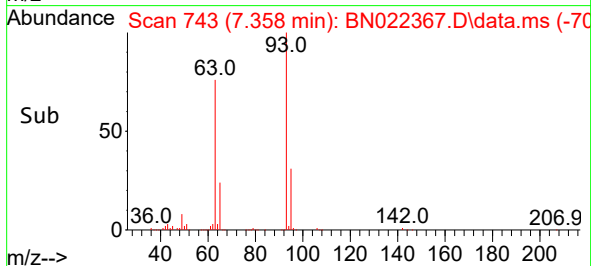


#10
Bis(2-Chloroethyl)ether
Concen: 29.417 ng/ul
RT: 7.358 min Scan# 743
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Instrument :
BNA_N
ClientSampleId :

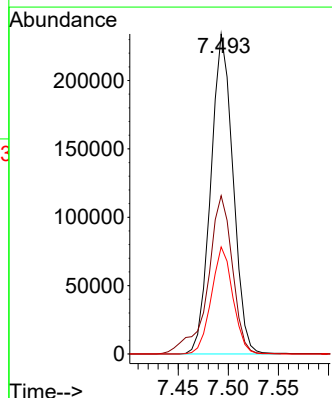
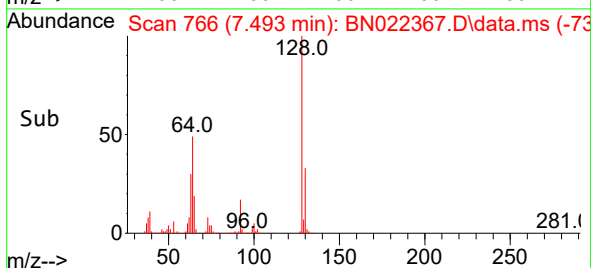
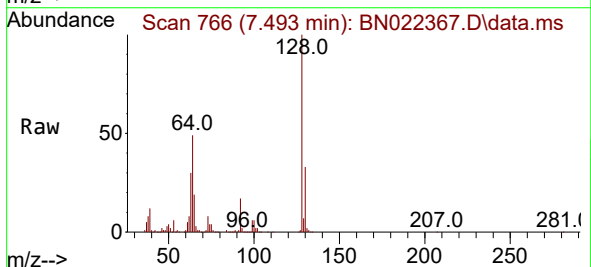


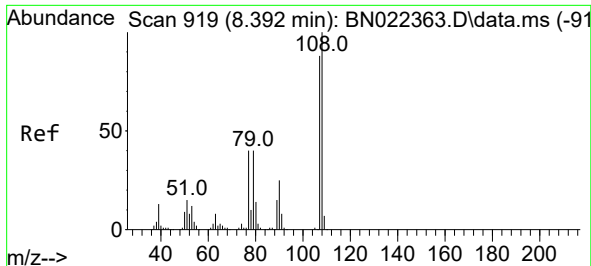
Tgt Ion: 93 Resp: 374215
Ion Ratio Lower Upper
93 100
63 75.8 61.1 91.7
95 31.4 26.4 39.6



#12
2-Chlorophenol
Concen: 31.323 ng/ul
RT: 7.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:128 Resp: 361274
Ion Ratio Lower Upper
128 100
64 49.5 39.7 59.5
130 33.4 26.7 40.1





#13

2-Methylphenol

Concen: 29.198 ng/ul

RT: 8.387 min Scan# 919

Delta R.T. -0.005 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

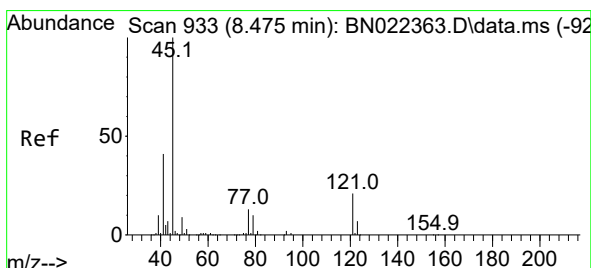
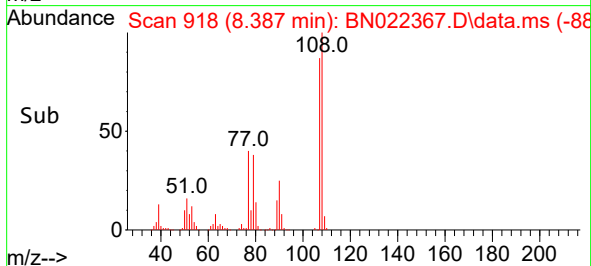
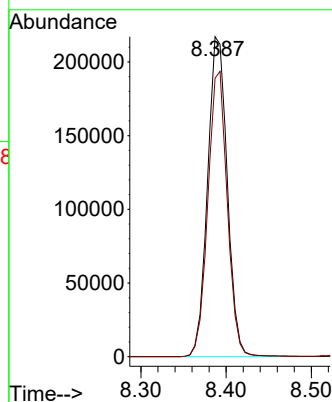
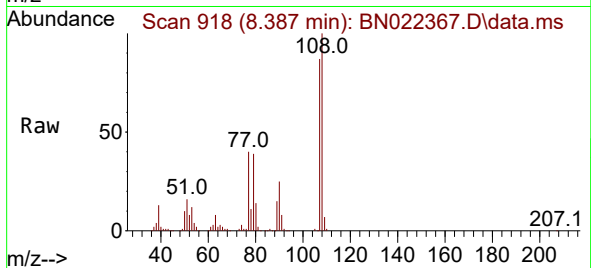
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Tgt Ion:108 Resp: 349076

Ion Ratio Lower Upper

108 100

107 87.0 72.4 108.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.061 ng/ul

RT: 8.475 min Scan# 933

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

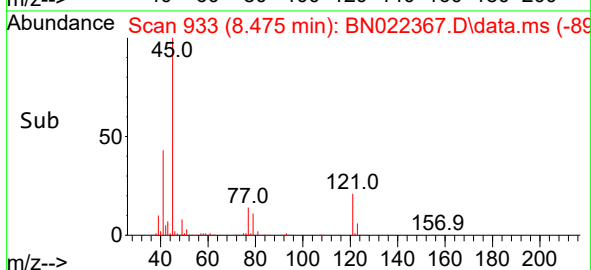
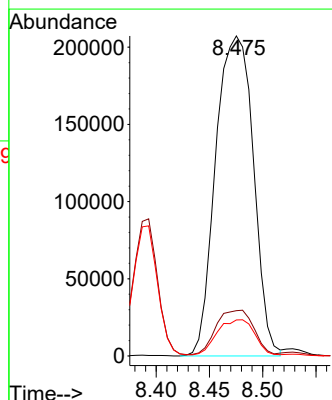
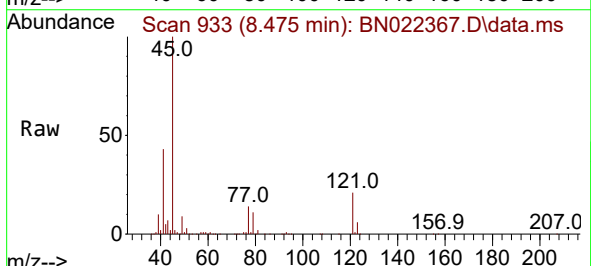
Tgt Ion: 45 Resp: 510799

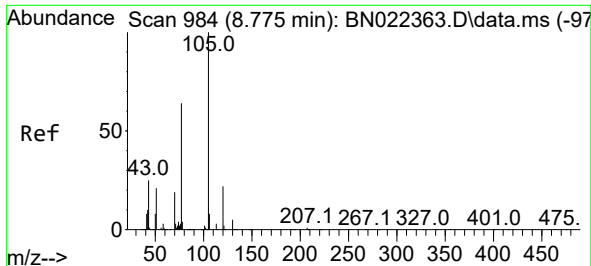
Ion Ratio Lower Upper

45 100

77 14.1 11.7 17.5

79 11.3 8.7 13.1

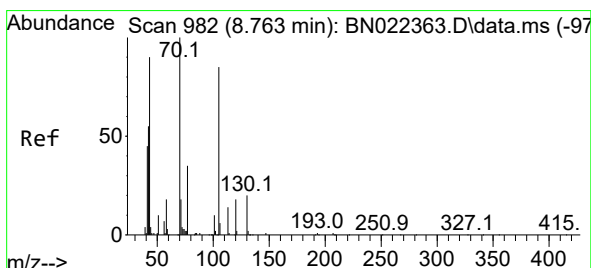
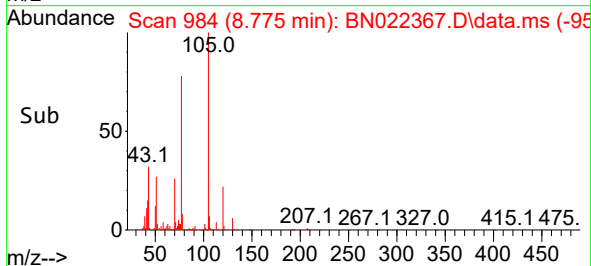
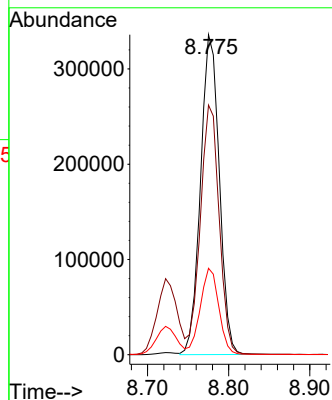
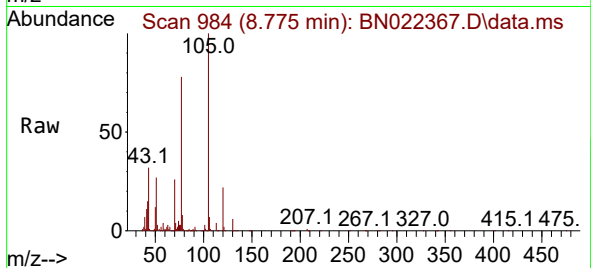




#16
Acetophenone
Concen: 28.189 ng/ul
RT: 8.775 min Scan# 984
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

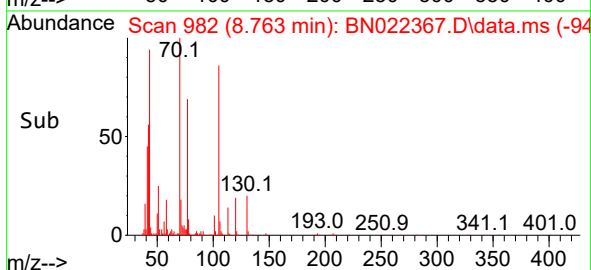
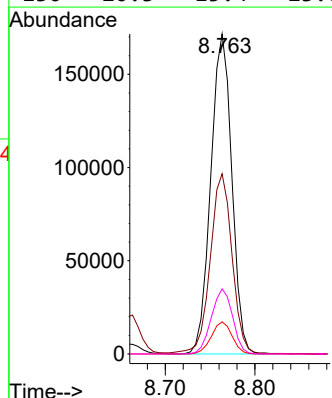
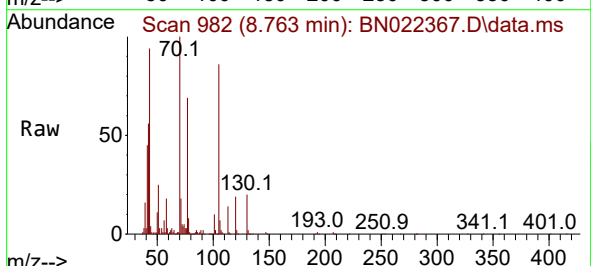
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ClientSampleId :

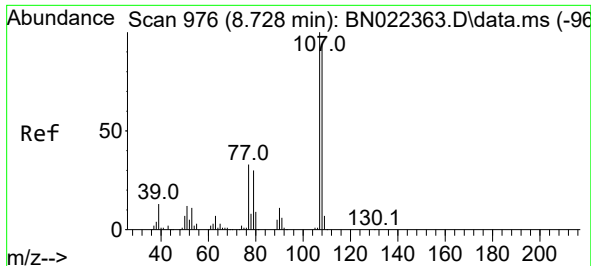
Tgt Ion:105 Resp: 539152
Ion Ratio Lower Upper
105 100
77 78.0 64.9 97.3
51 27.0 21.8 32.6



#17
N-Nitroso-di-n-propylamine
Concen: 27.427 ng/ul
RT: 8.763 min Scan# 982
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

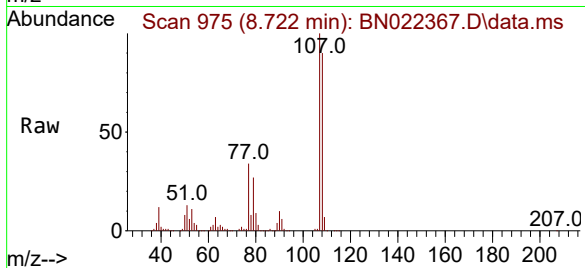
Tgt Ion: 70 Resp: 279391
Ion Ratio Lower Upper
70 100
42 56.3 45.6 68.4
101 10.1 7.4 11.2
130 20.3 15.4 23.0



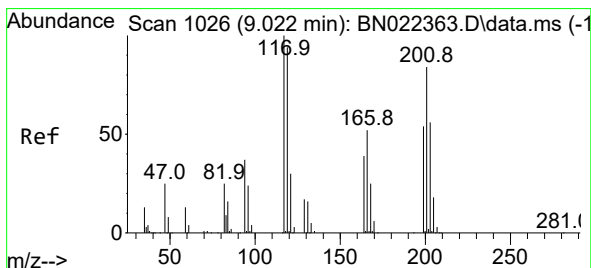
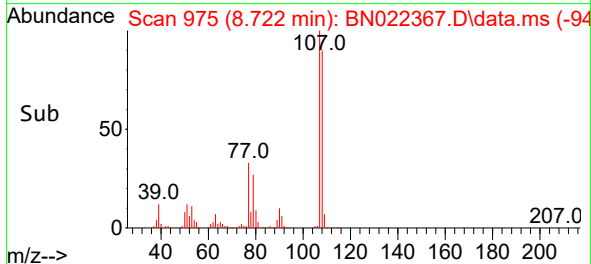
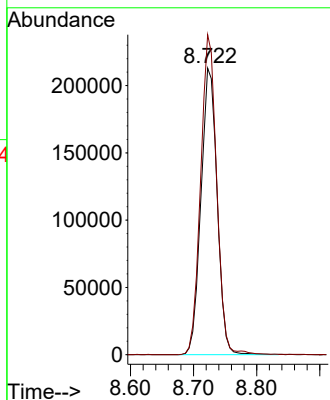


#18
4-Methylphenol
Concen: 28.264 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Instrument :
BNA_N
ClientSampleId :

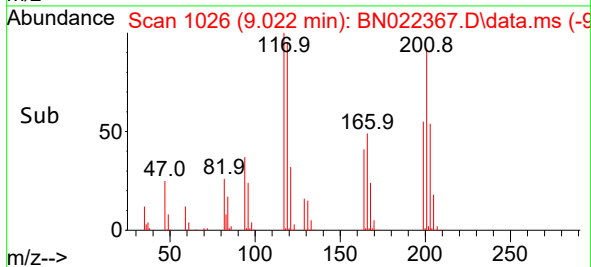
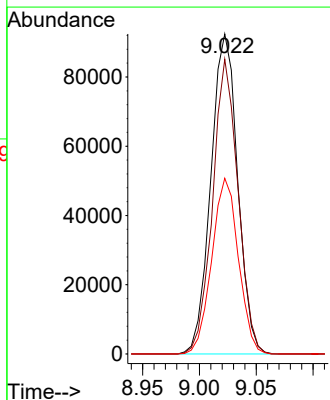
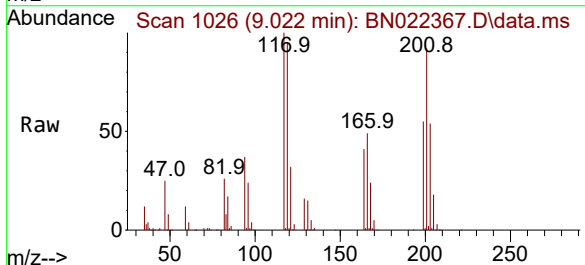


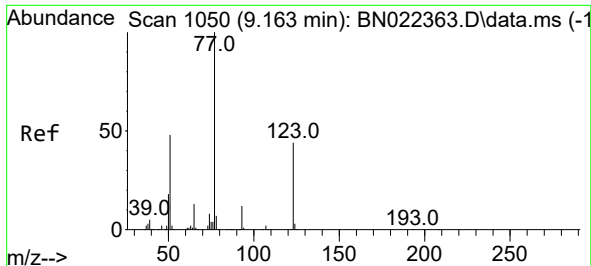
Tgt Ion:108 Resp: 378357
Ion Ratio Lower Upper
108 100
107 111.7 87.2 130.8



#19
Hexachloroethane
Concen: 33.699 ng/ul
RT: 9.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:117 Resp: 151746
Ion Ratio Lower Upper
117 100
201 92.1 69.8 104.6
199 54.9 45.2 67.8





#22

Nitrobenzene

Concen: 35.107 ng/ul

RT: 9.163 min Scan# 1050

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :

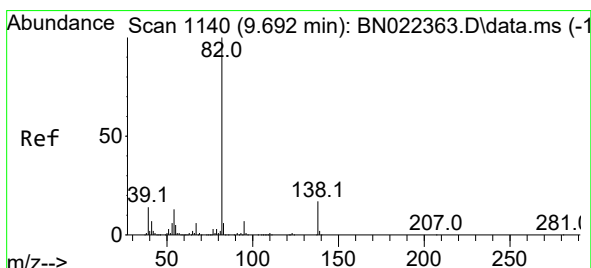
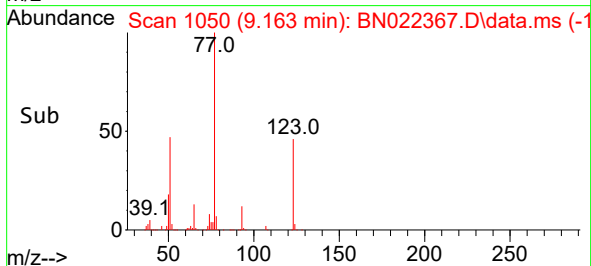
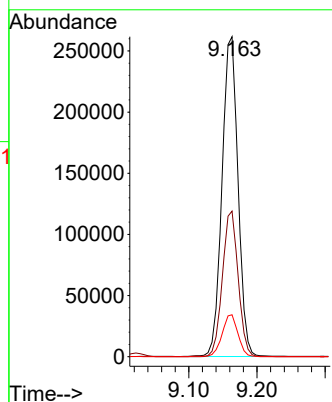
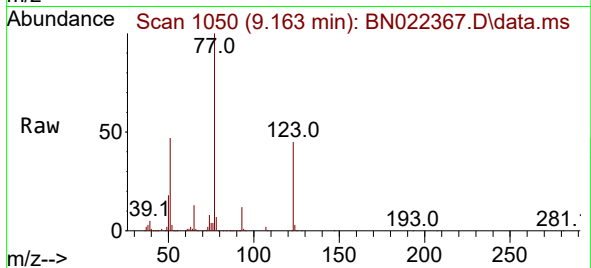
Tgt Ion: 77 Resp: 426920

Ion Ratio Lower Upper

77 100

123 45.5 34.9 52.3

65 13.1 10.2 15.2



#23

Isophorone

Concen: 32.231 ng/ul

RT: 9.693 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

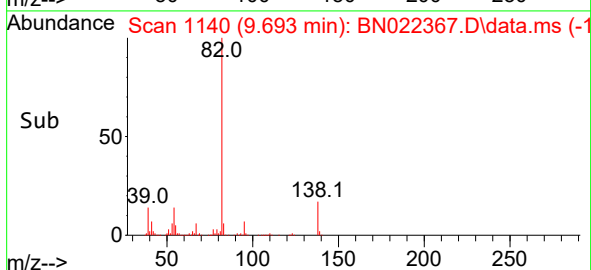
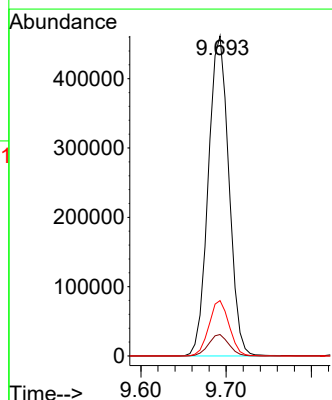
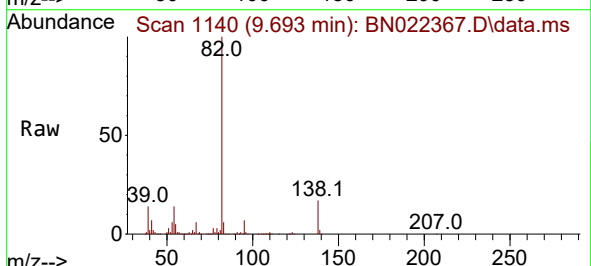
Tgt Ion: 82 Resp: 773815

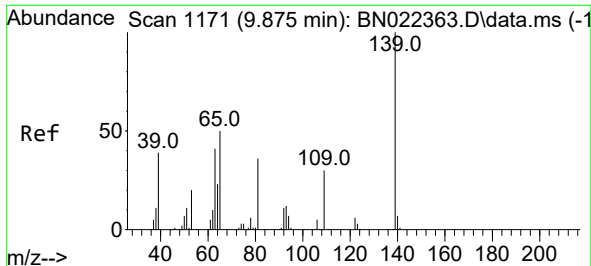
Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 17.3 13.8 20.8





#25

2-Nitrophenol

Concen: 36.166 ng/ul

RT: 9.875 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :

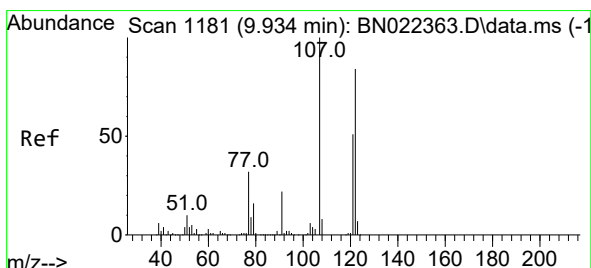
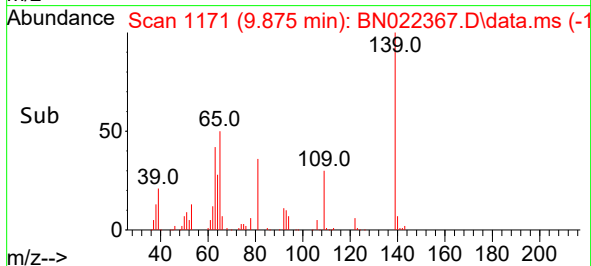
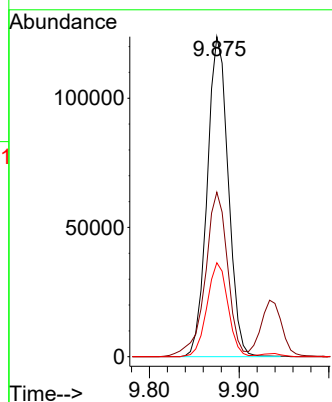
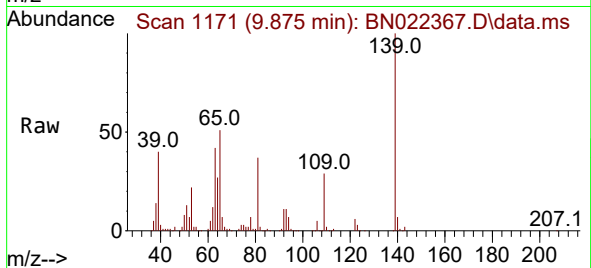
Tgt Ion:139 Resp: 201468

Ion Ratio Lower Upper

139 100

65 51.4 42.7 64.1

109 29.3 23.8 35.6



#26

2,4-Dimethylphenol

Concen: 32.979 ng/ul

RT: 9.934 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

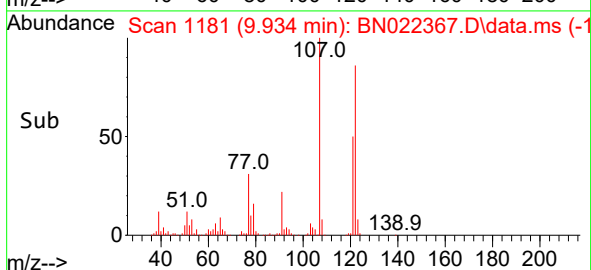
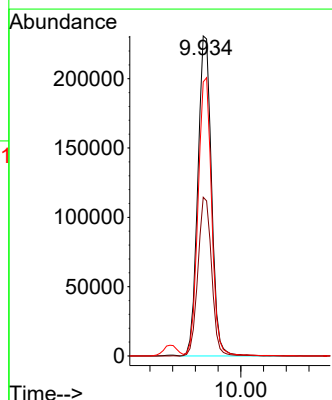
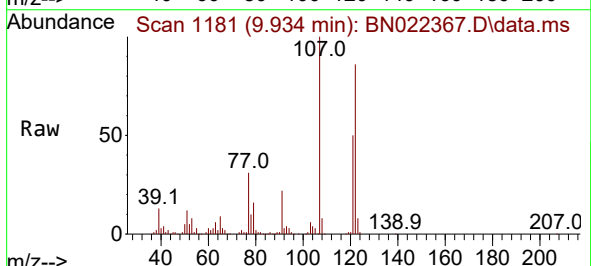
Tgt Ion:107 Resp: 387340

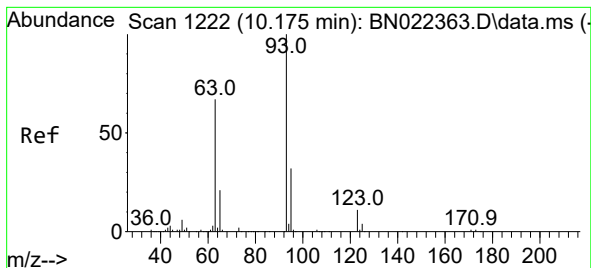
Ion Ratio Lower Upper

107 100

121 49.6 41.0 61.6

122 85.7 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 32.437 ng/ul

RT: 10.175 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :

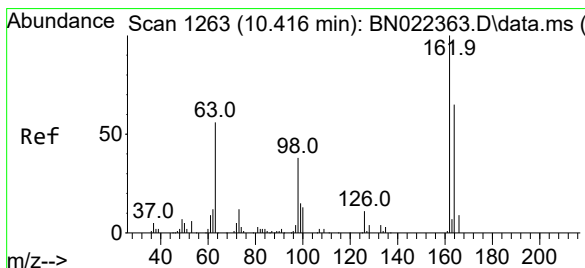
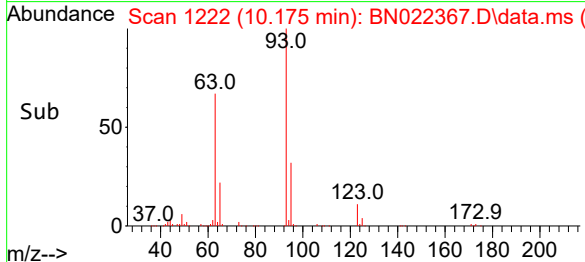
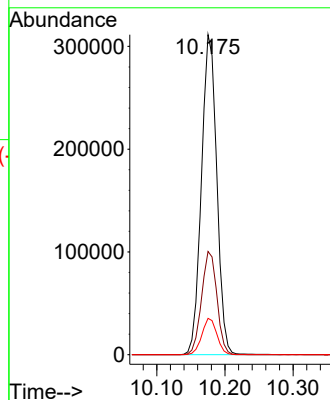
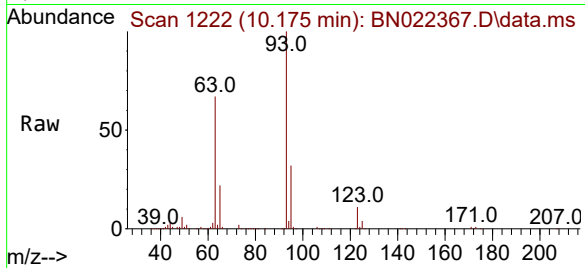
Tgt Ion: 93 Resp: 486958

Ion Ratio Lower Upper

93 100

95 32.2 25.2 37.8

123 11.3 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 33.923 ng/ul

RT: 10.410 min Scan# 1262

Delta R.T. -0.005 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

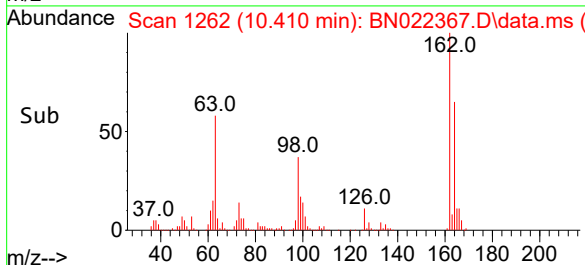
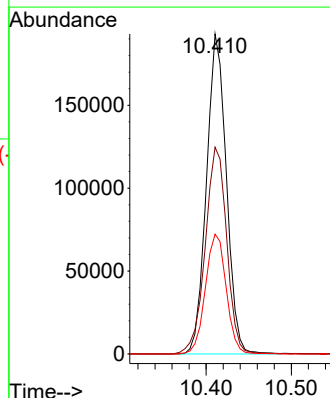
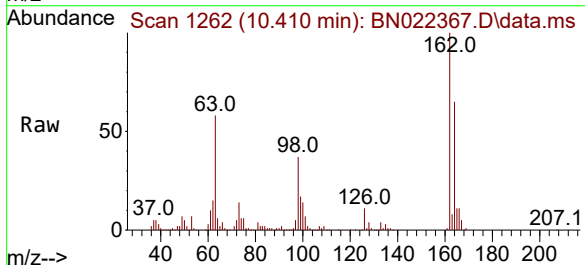
Tgt Ion:162 Resp: 313459

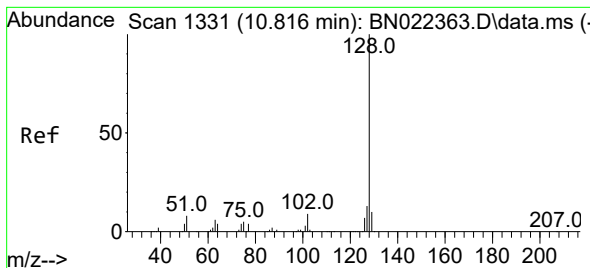
Ion Ratio Lower Upper

162 100

164 64.6 52.9 79.3

98 37.4 30.5 45.7





#30

Naphthalene

Concen: 33.207 ng/ul

RT: 10.816 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :

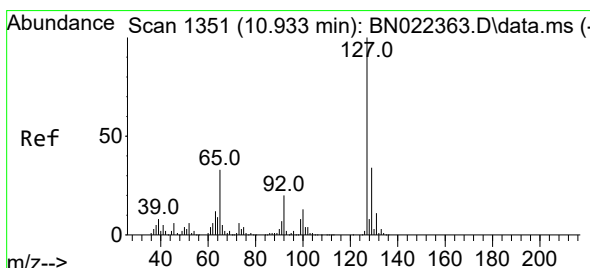
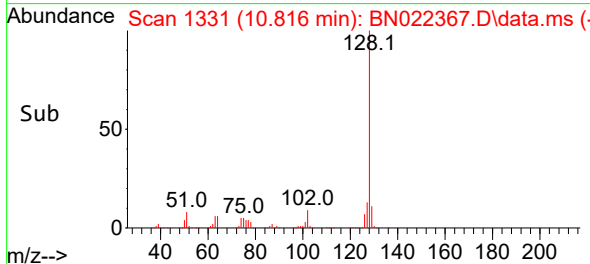
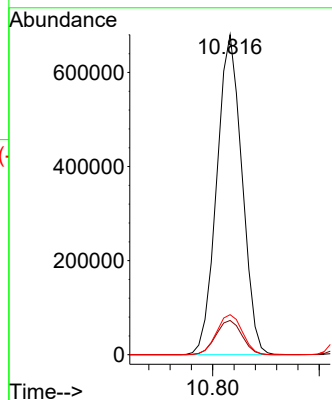
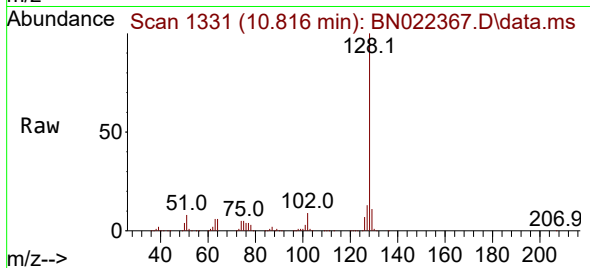
Tgt Ion:128 Resp: 1117202

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 12.5 10.8 16.2



#32

4-Chloroaniline

Concen: 28.742 ng/ul

RT: 10.934 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BN022367.D

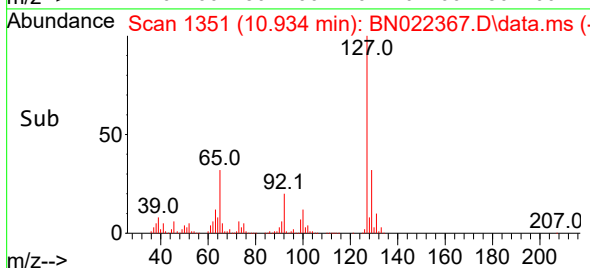
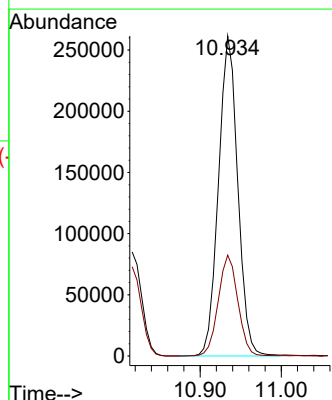
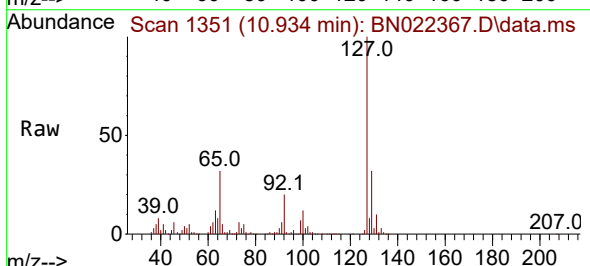
Acq: 27 Oct 2022 18:40

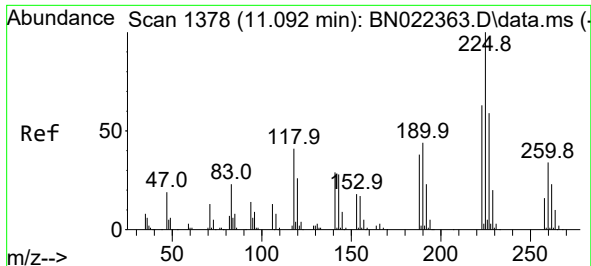
Tgt Ion:127 Resp: 431602

Ion Ratio Lower Upper

127 100

129 31.5 26.2 39.4

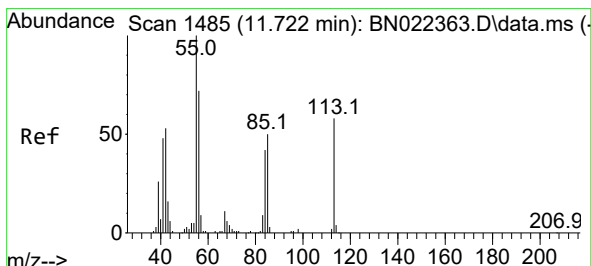
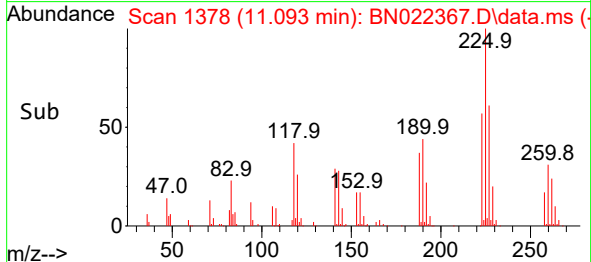
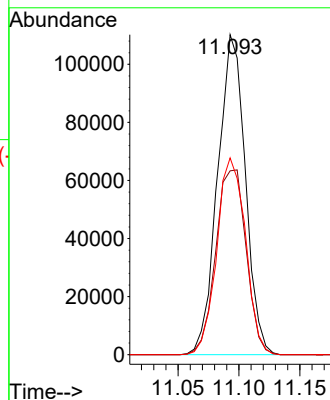
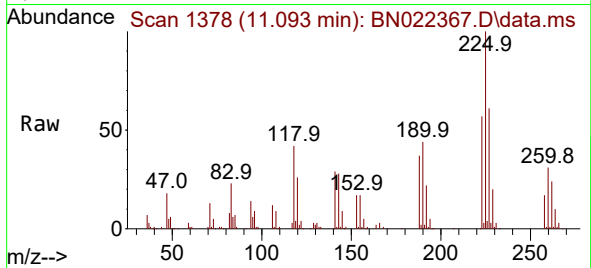




#33
Hexachlorobutadiene
Concen: 34.365 ng/ul
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

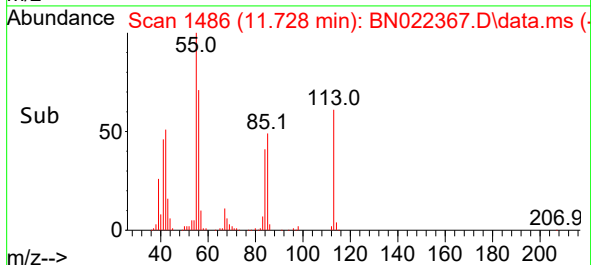
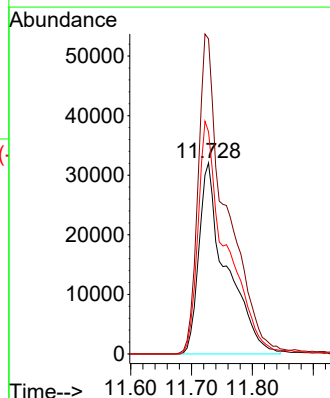
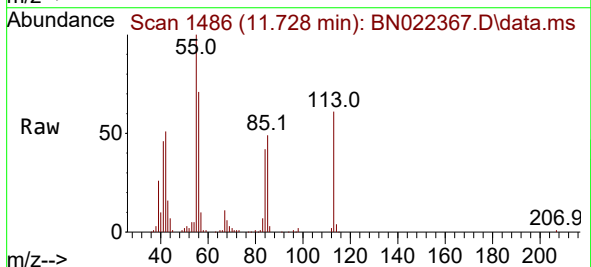
Instrument :
BNA_N
ClientSampleId :

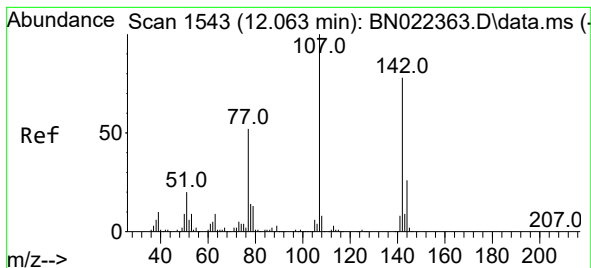
Tgt Ion:225 Resp: 174237
Ion Ratio Lower Upper
225 100
223 57.4 47.7 71.5
227 61.5 51.4 77.0



#34
Caprolactam
Concen: 27.822 ng/ul
RT: 11.728 min Scan# 1486
Delta R.T. 0.006 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:113 Resp: 99890
Ion Ratio Lower Upper
113 100
55 164.9 138.7 208.1
56 116.3 101.4 152.0

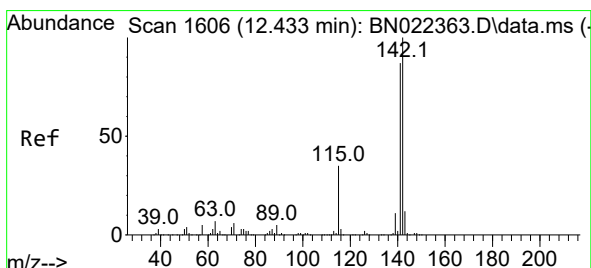
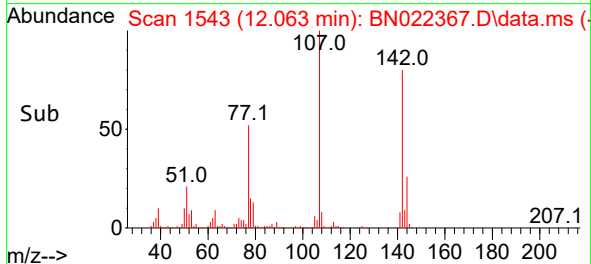
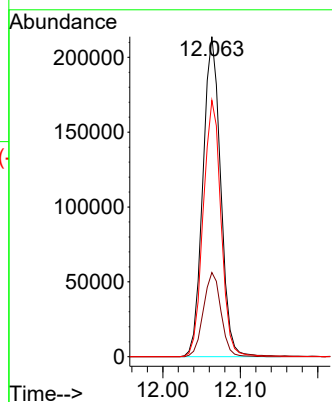
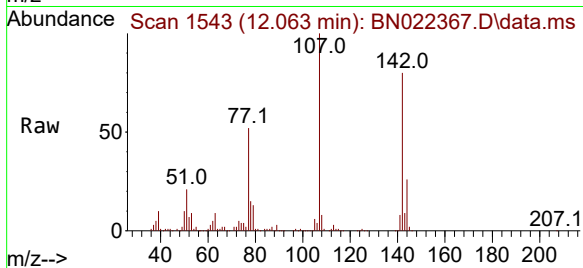




#35
4-Chloro-3-methylphenol
Concen: 30.588 ng/ul
RT: 12.063 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

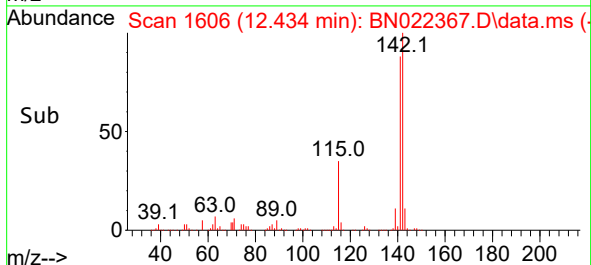
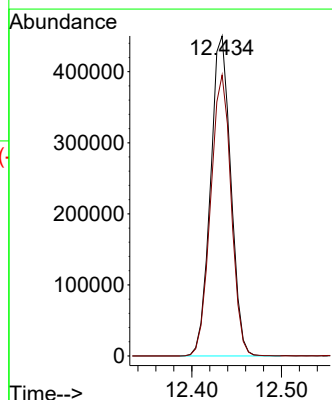
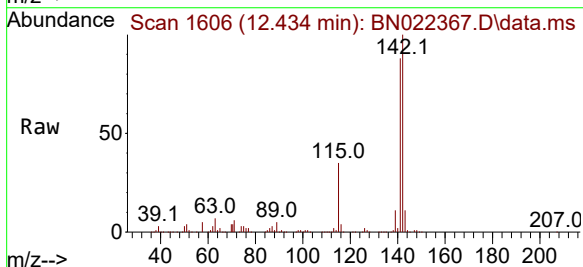
Instrument :
BNA_N
ClientSampleId :

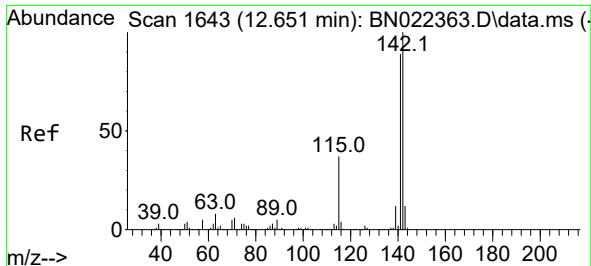
Tgt Ion:107 Resp: 340753
Ion Ratio Lower Upper
107 100
144 26.3 20.3 30.5
142 80.1 64.4 96.6



#36
2-Methylnaphthalene
Concen: 30.457 ng/ul
RT: 12.434 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:142 Resp: 707649
Ion Ratio Lower Upper
142 100
141 87.8 69.7 104.5





#37

1-Methylnaphthalene

Concen: 30.741 ng/ul

RT: 12.651 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :

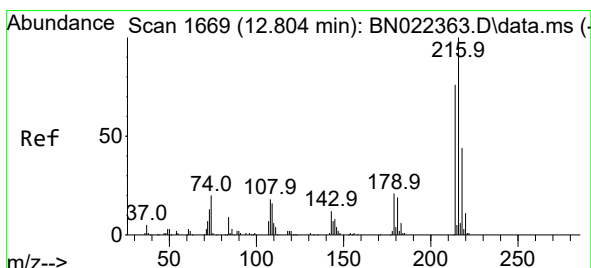
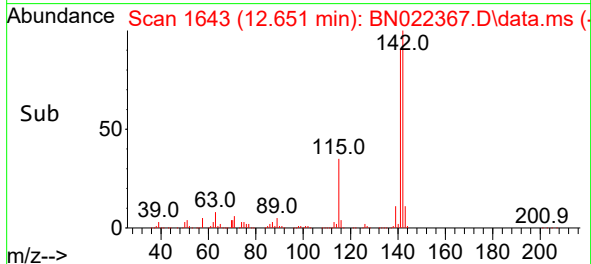
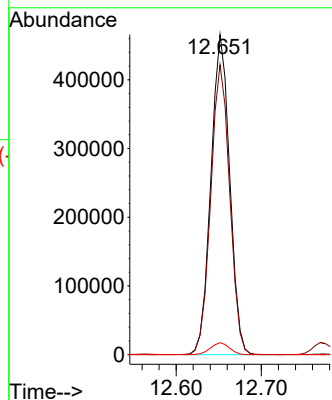
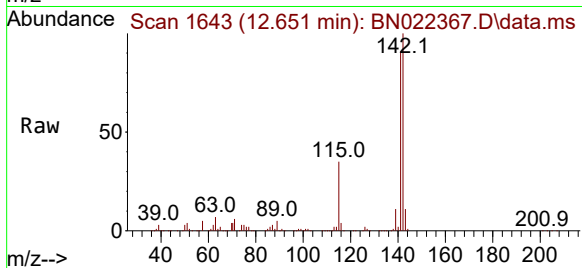
Tgt Ion:142 Resp: 715250

Ion Ratio Lower Upper

142 100

141 90.6 76.7 115.1

116 3.8 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.677 ng/ul

RT: 12.798 min Scan# 1668

Delta R.T. -0.005 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Tgt Ion:216 Resp: 323178

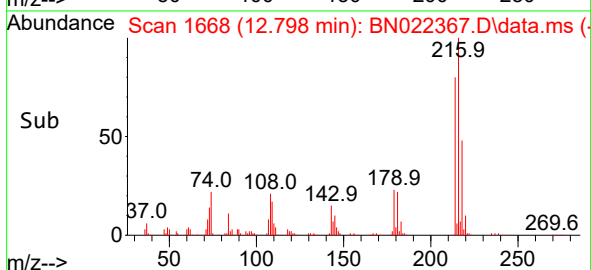
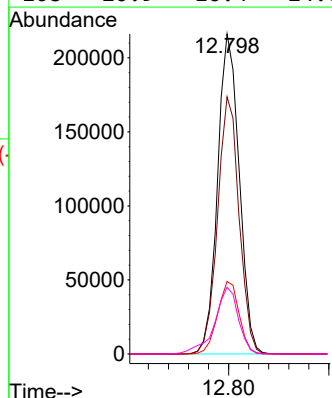
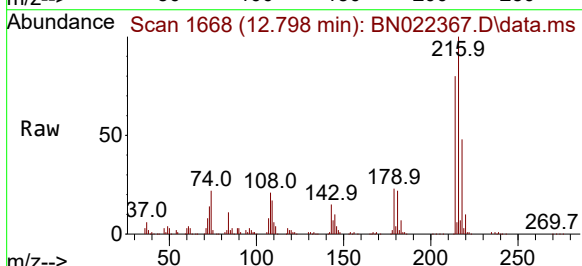
Ion Ratio Lower Upper

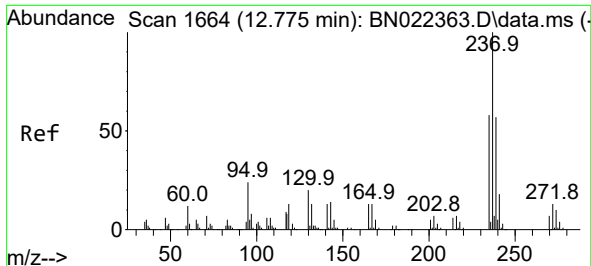
216 100

214 80.4 65.4 98.2

179 22.7 17.4 26.0

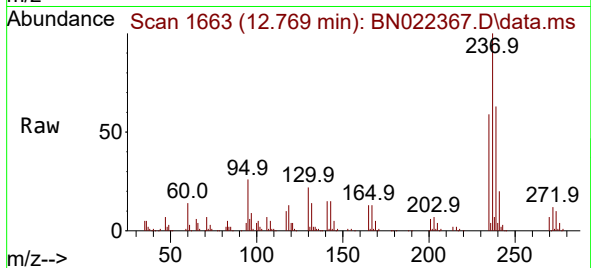
108 20.9 16.4 24.6



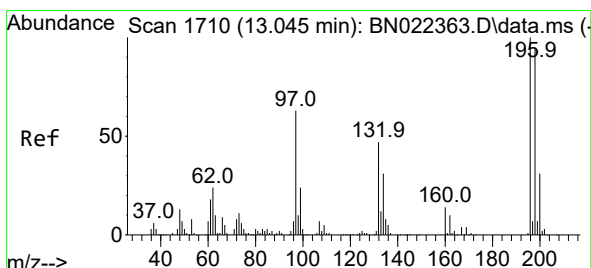
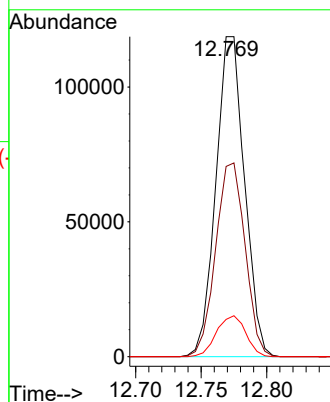
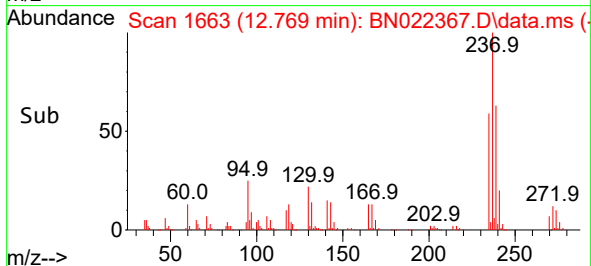


#40
Hexachlorocyclopentadiene
Concen: 35.625 ng/ul
RT: 12.769 min Scan# 1663
Delta R.T. -0.005 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

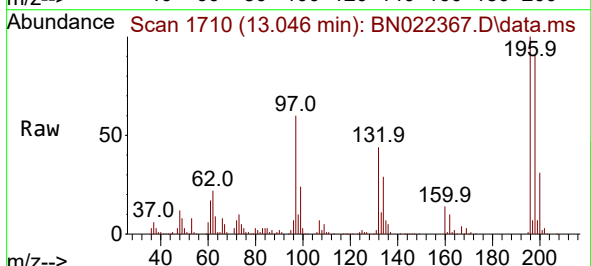
Instrument :
BNA_N
ClientSampleId :



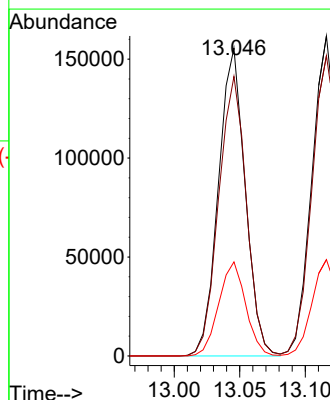
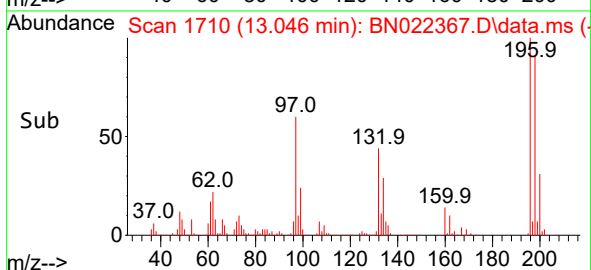
Tgt Ion:237 Resp: 180409
Ion Ratio Lower Upper
237 100
235 59.5 43.4 65.0
272 11.6 10.2 15.2

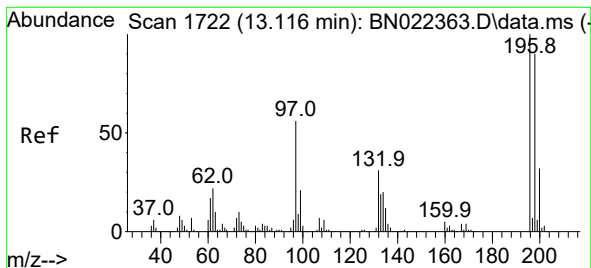


#41
2,4,6-Trichlorophenol
Concen: 35.820 ng/ul
RT: 13.046 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40



Tgt Ion:196 Resp: 221253
Ion Ratio Lower Upper
196 100
198 90.8 73.4 110.2
200 30.6 24.3 36.5





#42

2,4,5-Trichlorophenol

Concen: 34.817 ng/ul

RT: 13.116 min Scan# 1722

Delta R.T. 0.000 min

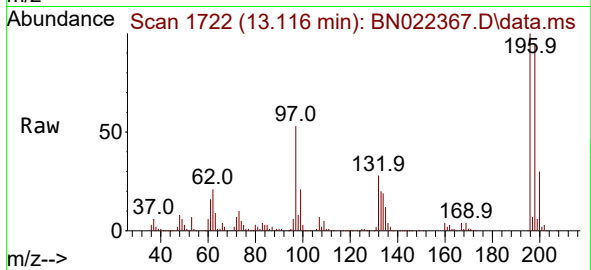
Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :



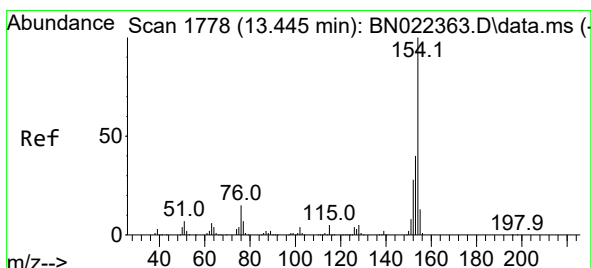
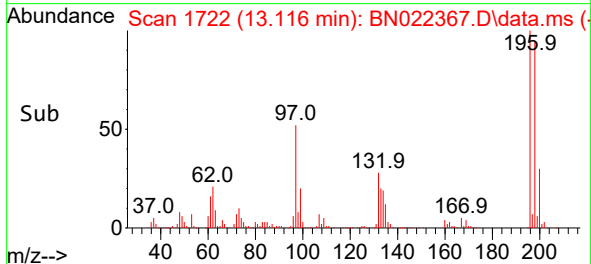
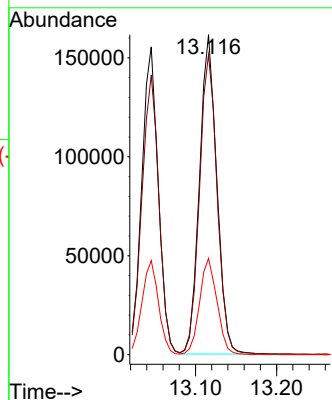
Tgt Ion:196 Resp: 239495

Ion Ratio Lower Upper

196 100

198 93.8 77.0 115.6

200 30.1 24.7 37.1



#43

1,1'-Biphenyl

Concen: 34.733 ng/ul

RT: 13.445 min Scan# 1778

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

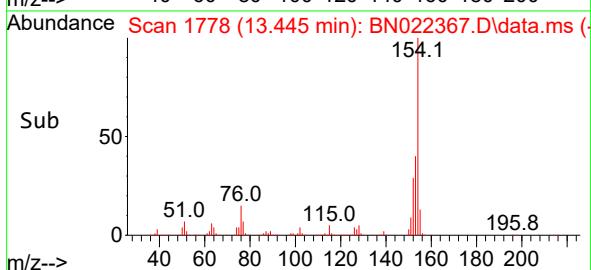
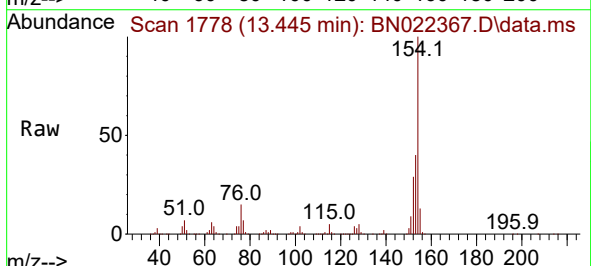
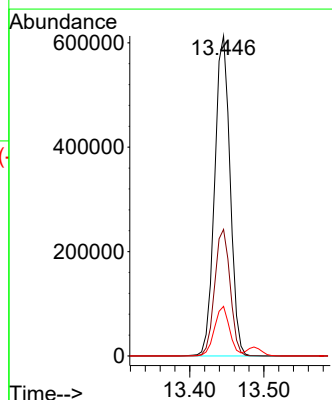
Tgt Ion:154 Resp: 885403

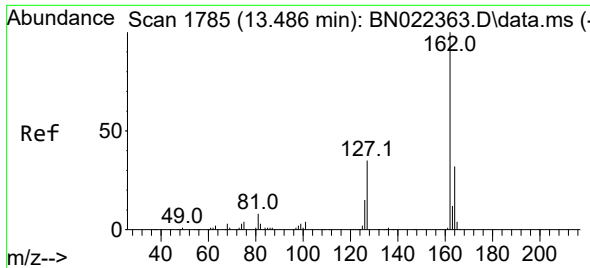
Ion Ratio Lower Upper

154 100

153 39.5 30.9 46.3

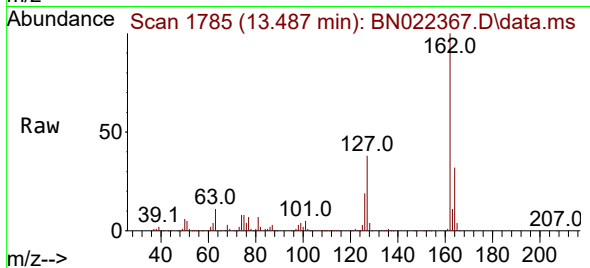
76 15.5 11.6 17.4



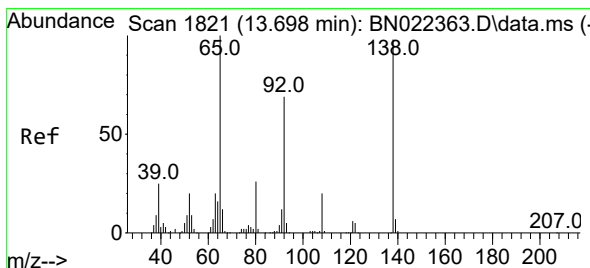
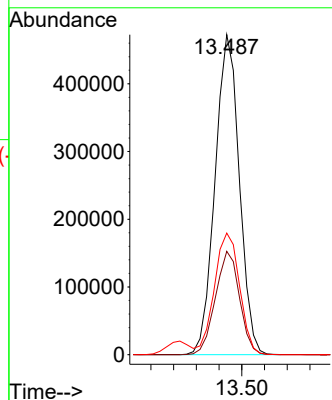
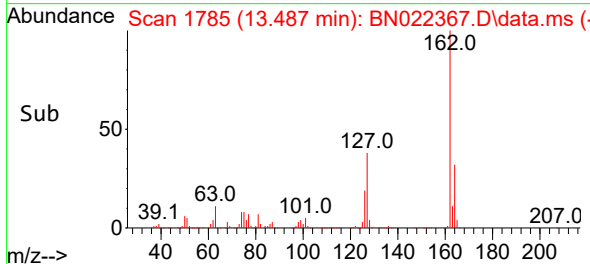


#44
2-Chloronaphthalene
Concen: 35.179 ng/ul
RT: 13.487 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Instrument :
BNA_N
ClientSampleId :

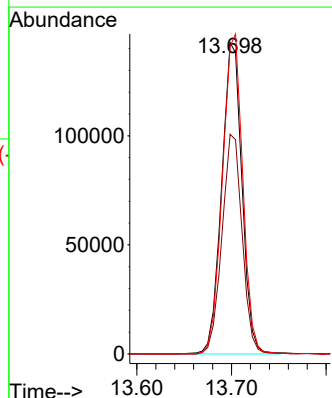
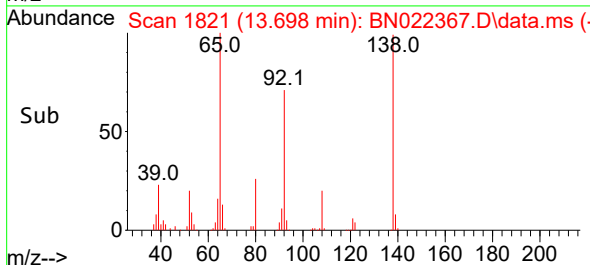
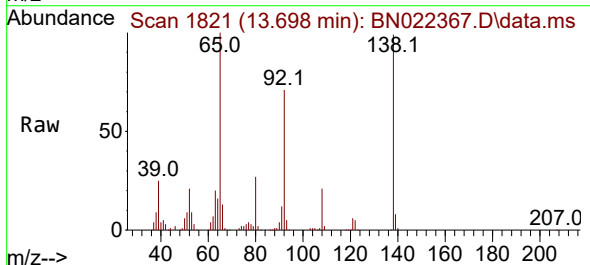


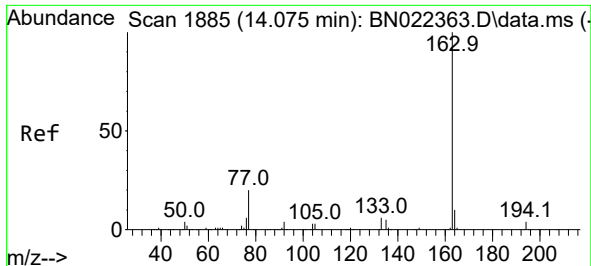
Tgt Ion:162 Resp: 700701
Ion Ratio Lower Upper
162 100
164 32.3 23.7 35.5
127 38.0 30.8 46.2



#45
2-Nitroaniline
Concen: 34.461 ng/ul
RT: 13.698 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

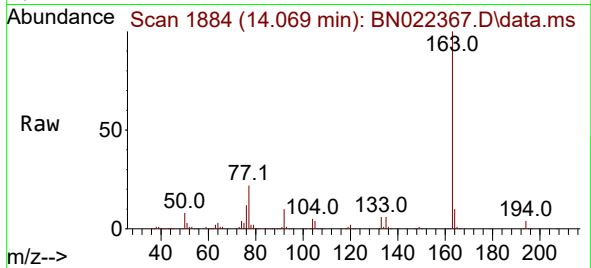
Tgt Ion: 65 Resp: 212644
Ion Ratio Lower Upper
65 100
92 70.5 56.2 84.2
138 98.8 85.0 127.6



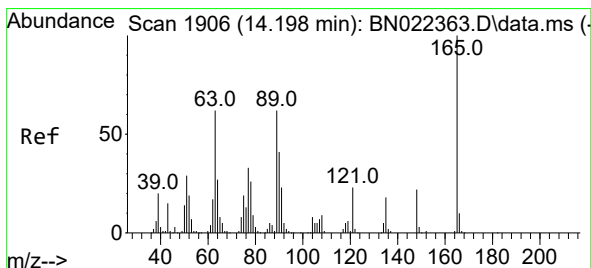
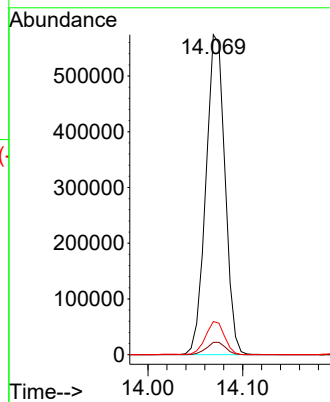
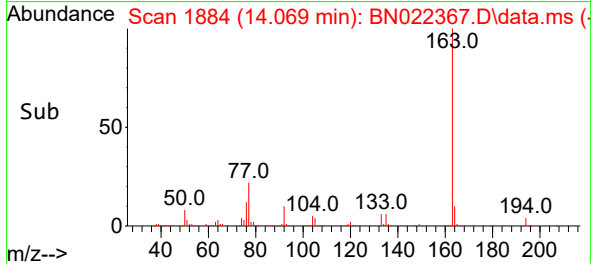


#47
Dimethylphthalate
Concen: 30.696 ng/ul
RT: 14.069 min Scan# 1884
Delta R.T. -0.005 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

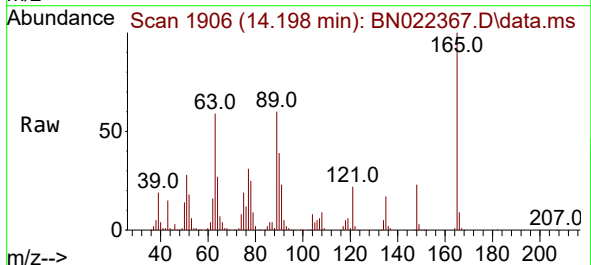
Instrument :
BNA_N
ClientSampleId :



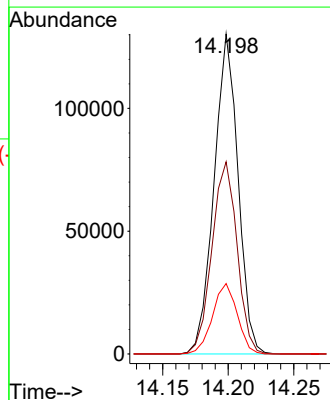
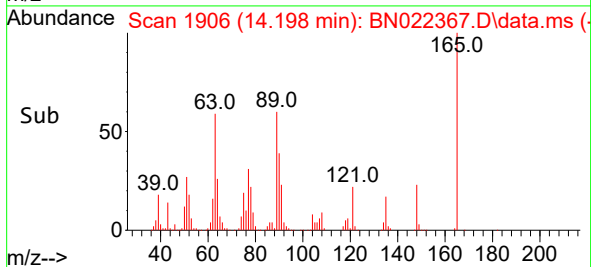
Tgt Ion:163 Resp: 803169
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 8.2 12.2

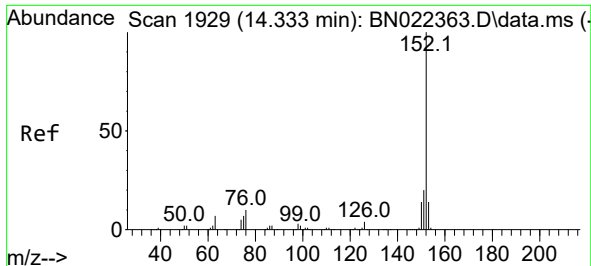


#48
2,6-Dinitrotoluene
Concen: 33.789 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40



Tgt Ion:165 Resp: 165604
Ion Ratio Lower Upper
165 100
89 60.1 52.1 78.1
121 22.0 19.0 28.4

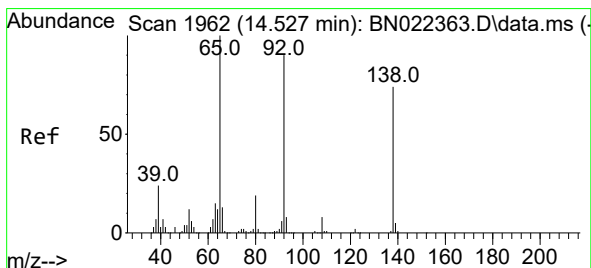
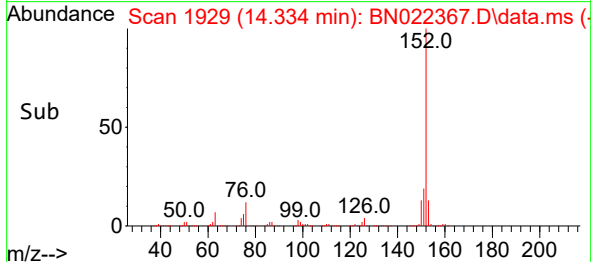
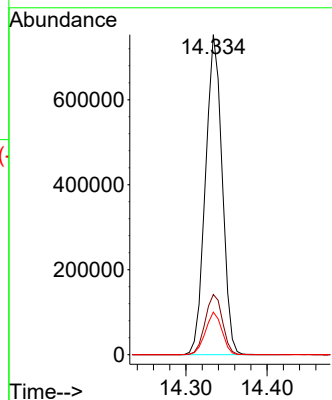
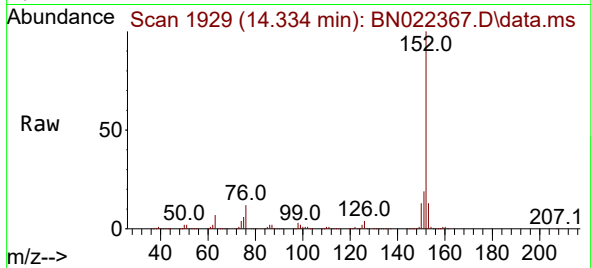




#50
Acenaphthylene
Concen: 34.539 ng/ul
RT: 14.334 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

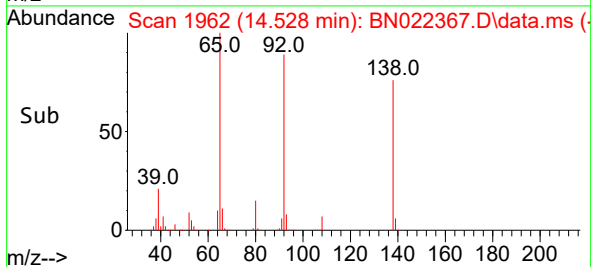
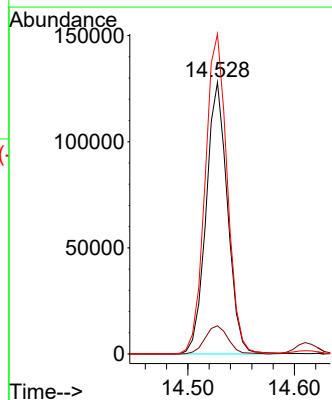
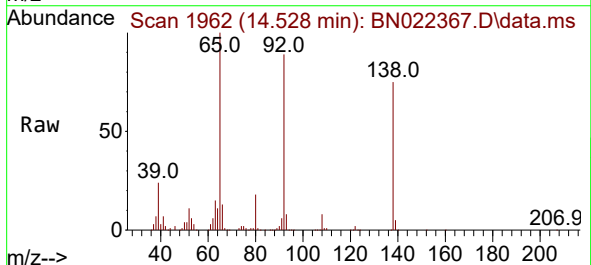
Instrument :
BNA_N
ClientSampleId :

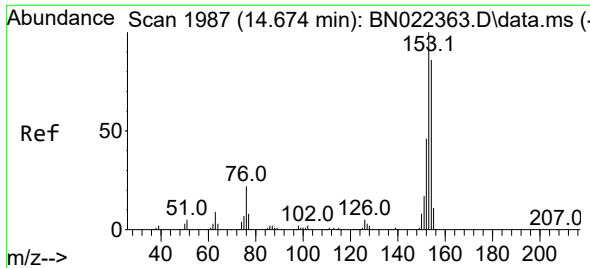
Tgt Ion:152 Resp: 1072177
Ion Ratio Lower Upper
152 100
151 18.8 15.5 23.3
153 13.3 9.8 14.8



#51
3-Nitroaniline
Concen: 30.886 ng/ul
RT: 14.528 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:138 Resp: 178737
Ion Ratio Lower Upper
138 100
108 10.3 9.0 13.6
92 117.8 96.4 144.6

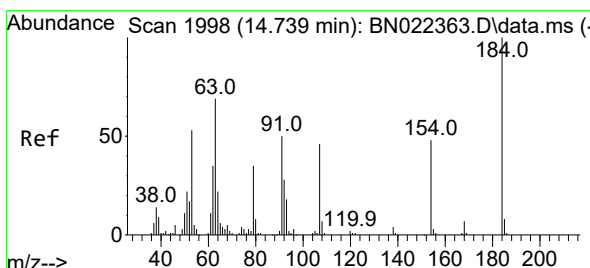
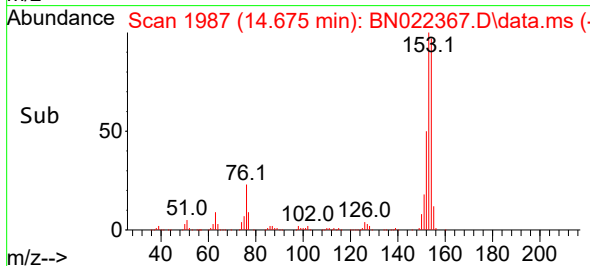
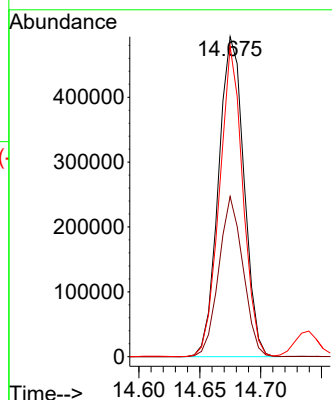
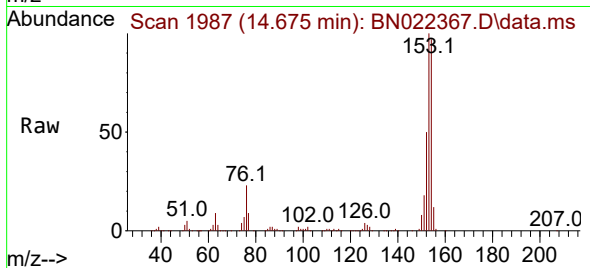




#52
Acenaphthene
Concen: 32.671 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

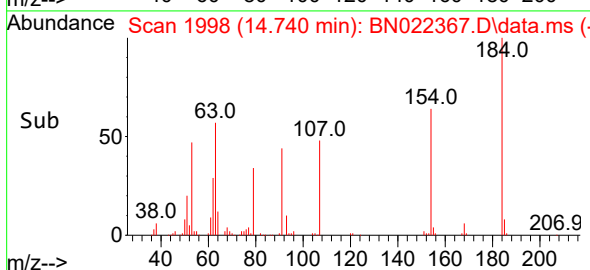
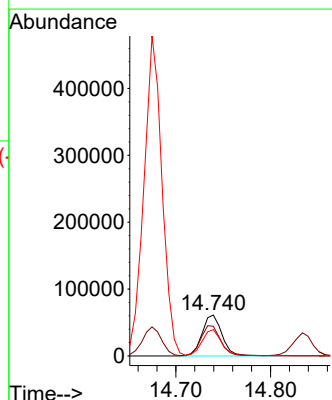
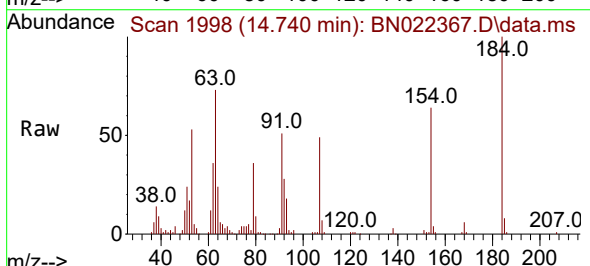
Instrument :
BNA_N
ClientSampleId :

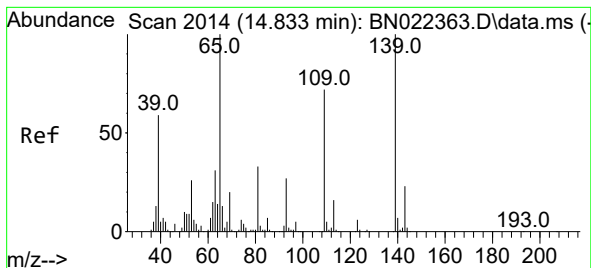
Tgt Ion:153 Resp: 719201
Ion Ratio Lower Upper
153 100
152 50.0 38.0 57.0
154 97.0 71.1 106.7



#53
2,4-Dinitrophenol
Concen: 27.073 ng/ul
RT: 14.740 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:184 Resp: 89885
Ion Ratio Lower Upper
184 100
63 72.7 56.8 85.2
154 64.2 49.0 73.6

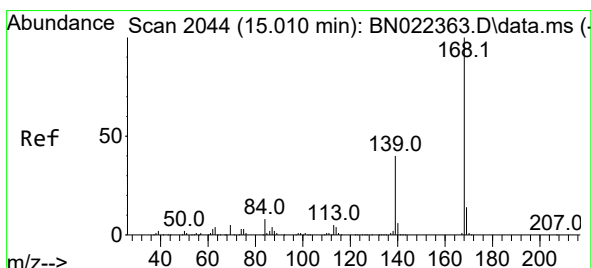
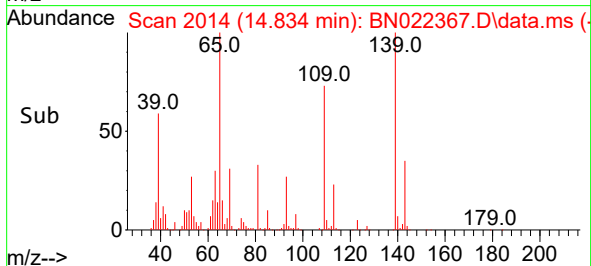
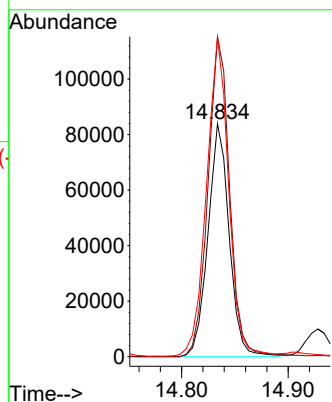
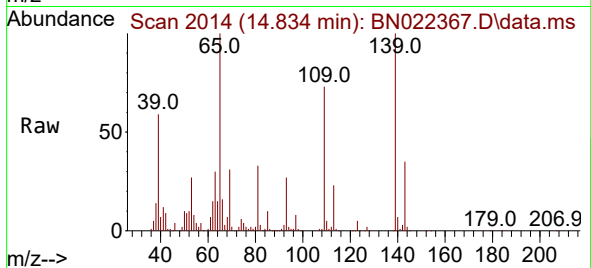




#55
4-Nitrophenol
Concen: 27.499 ng/ul
RT: 14.834 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

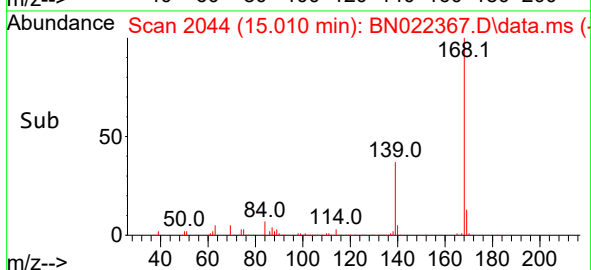
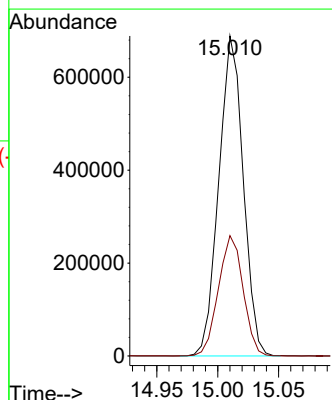
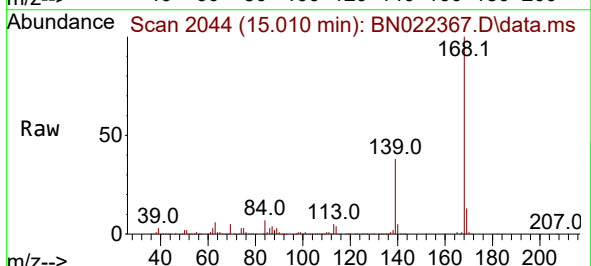
Instrument :
BNA_N
ClientSampleId :

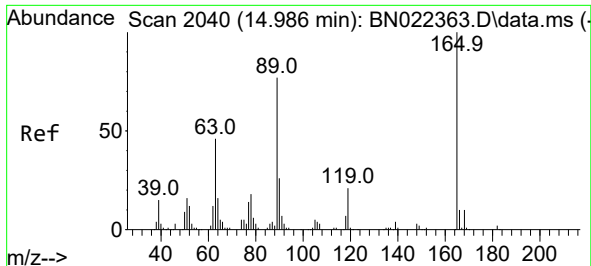
Tgt Ion:109 Resp: 115845
Ion Ratio Lower Upper
109 100
139 137.3 108.3 162.5
65 137.2 107.9 161.9



#56
Dibenzofuran
Concen: 32.025 ng/ul
RT: 15.010 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:168 Resp: 961994
Ion Ratio Lower Upper
168 100
139 37.6 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 31.519 ng/ul

RT: 14.987 min Scan# 2040

Delta R.T. 0.000 min

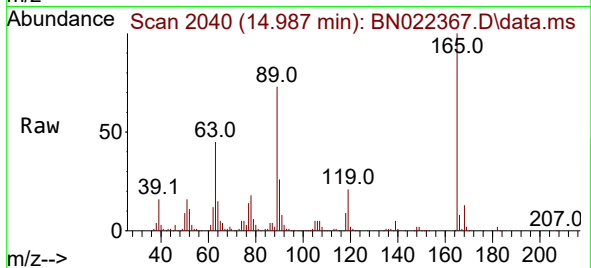
Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :



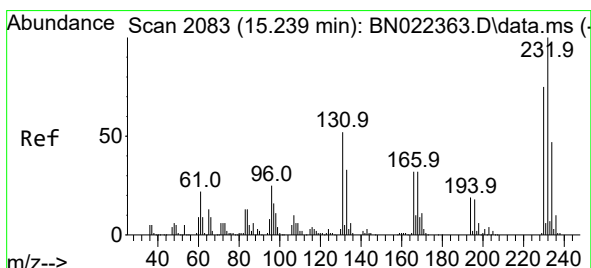
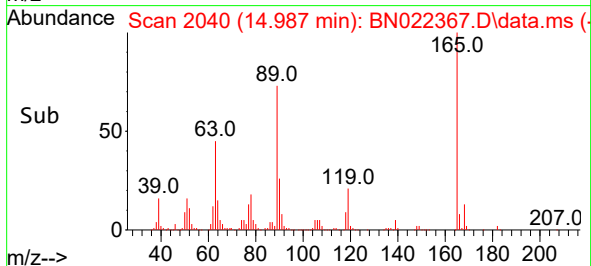
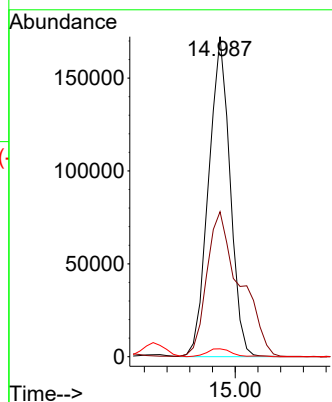
Tgt Ion:165 Resp: 226303

Ion Ratio Lower Upper

165 100

63 45.3 36.2 54.4

182 2.5 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.540 ng/ul

RT: 15.240 min Scan# 2083

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Tgt Ion:232 Resp: 180558

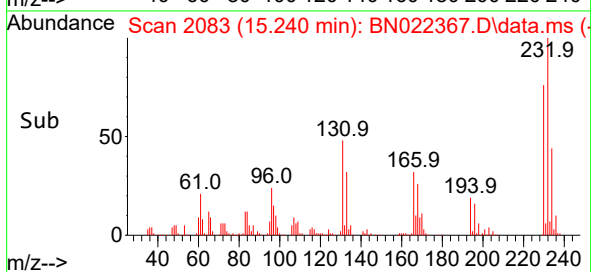
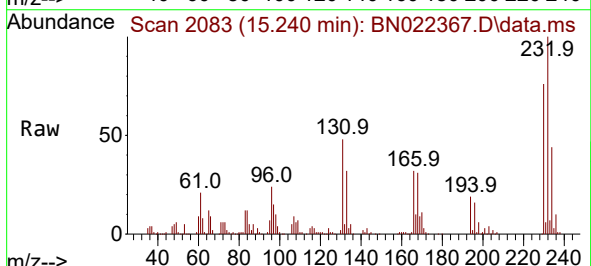
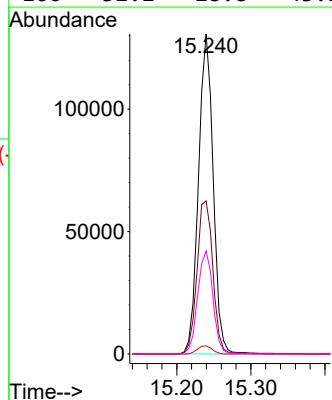
Ion Ratio Lower Upper

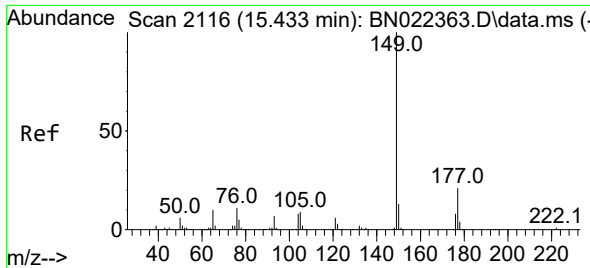
232 100

131 47.9 44.4 66.6

130 2.5 2.2 3.4

166 32.2 28.8 43.2

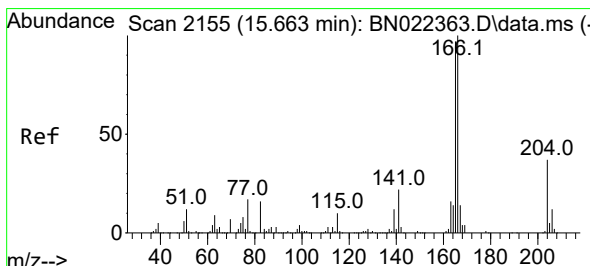
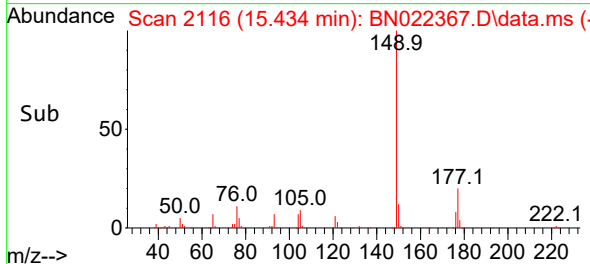
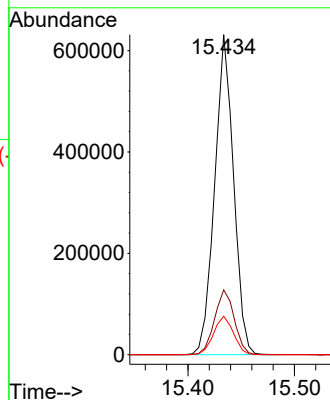
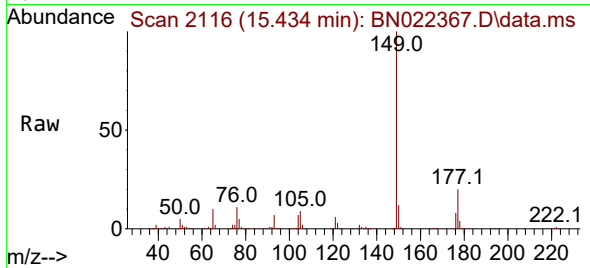




#59
Diethylphthalate
Concen: 29.227 ng/ul
RT: 15.434 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

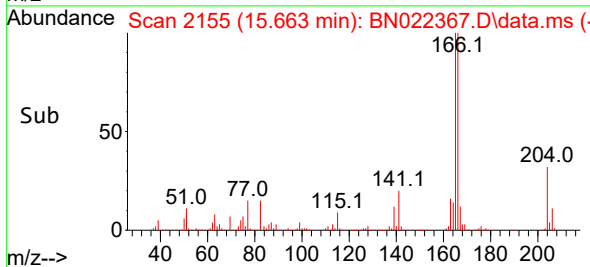
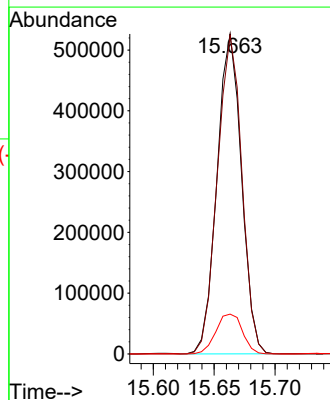
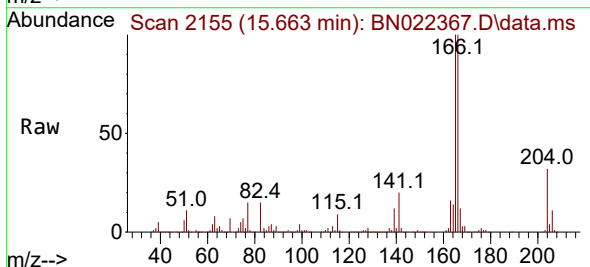
Instrument :
BNA_N
ClientSampleId :

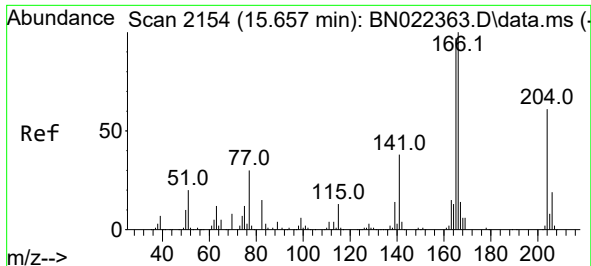
Tgt Ion:149 Resp: 776759
Ion Ratio Lower Upper
149 100
177 20.3 17.5 26.3
150 12.0 9.8 14.8



#61
Fluorene
Concen: 30.501 ng/ul
RT: 15.663 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:166 Resp: 736572
Ion Ratio Lower Upper
166 100
165 99.6 72.8 109.2
167 12.5 10.6 16.0

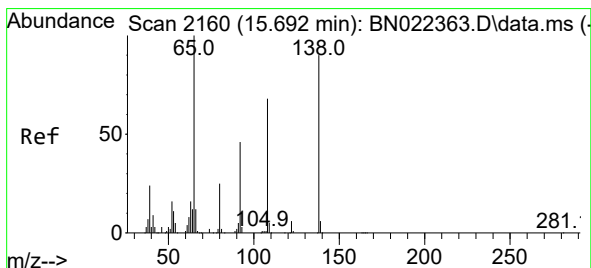
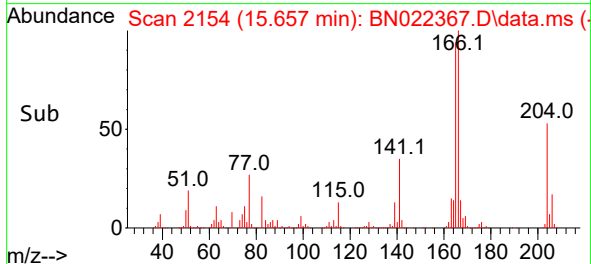
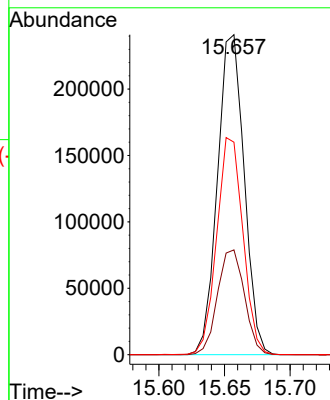
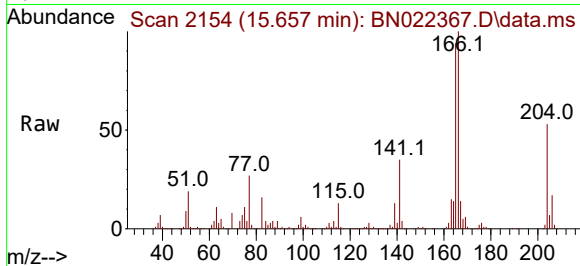




#62
4-Chlorophenyl-phenylether
Concen: 30.168 ng/ul
RT: 15.657 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

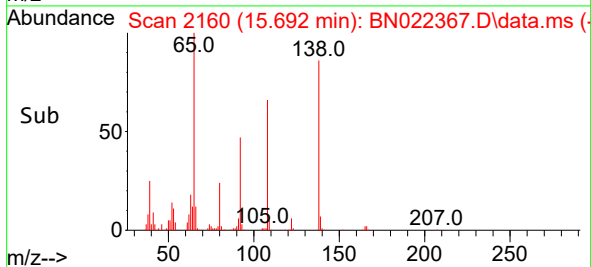
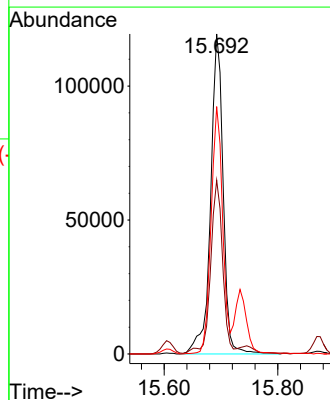
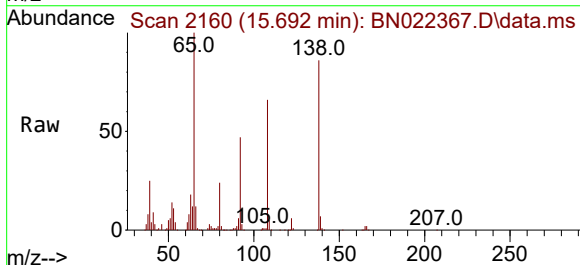
Instrument :
BNA_N
ClientSampleId :

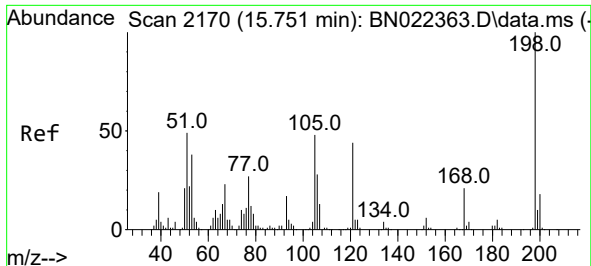
Tgt Ion:204 Resp: 341354
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 66.4 52.0 78.0



#63
4-Nitroaniline
Concen: 33.887 ng/ul
RT: 15.692 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:138 Resp: 182977
Ion Ratio Lower Upper
138 100
92 54.3 41.8 62.8
108 77.3 60.4 90.6

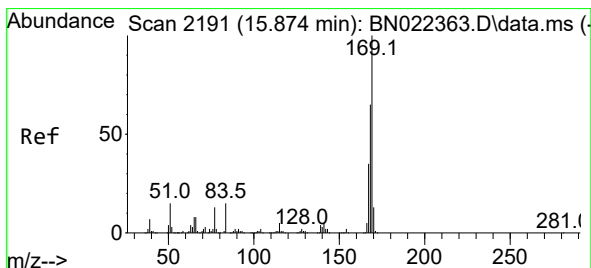
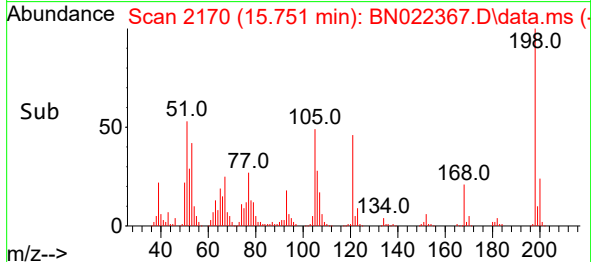
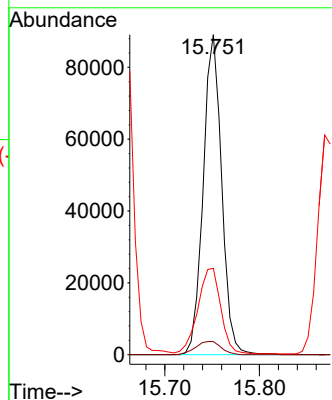
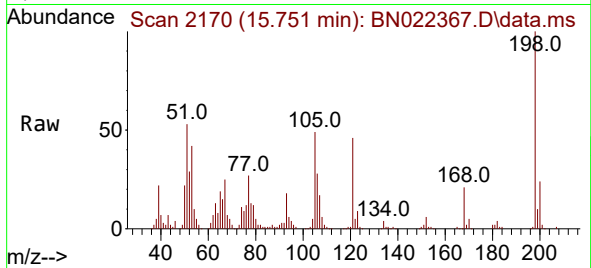




#66
 4,6-Dinitro-2-methylphenol
 Concen: 34.114 ng/ul
 RT: 15.751 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: BN022367.D
 Acq: 27 Oct 2022 18:40

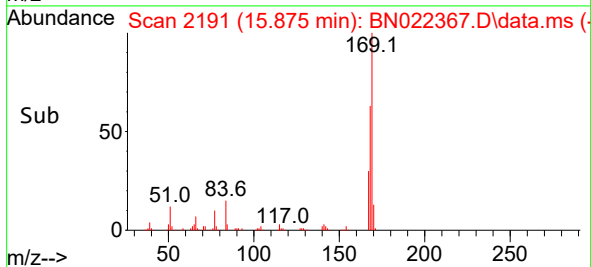
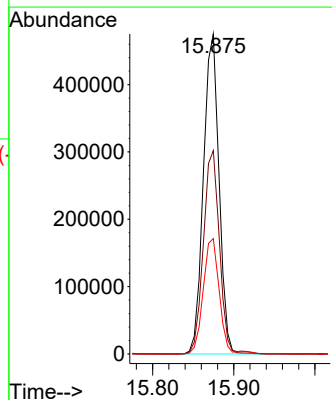
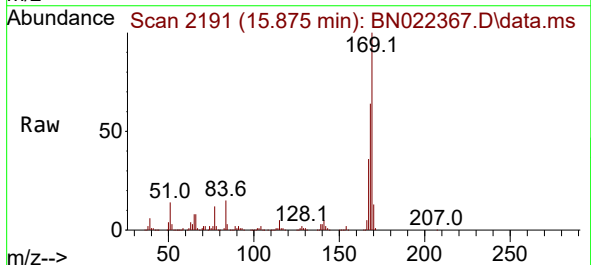
Instrument :
 BNA_N
 ClientSampleId :

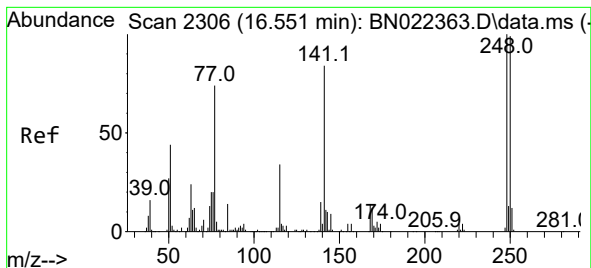
Tgt Ion:198 Resp: 120777
 Ion Ratio Lower Upper
 198 100
 182 4.1 3.8 5.8
 77 27.0 24.4 36.6



#67
 N-Nitrosodiphenylamine
 Concen: 37.864 ng/ul
 RT: 15.875 min Scan# 2191
 Delta R.T. 0.000 min
 Lab File: BN022367.D
 Acq: 27 Oct 2022 18:40

Tgt Ion:169 Resp: 632954
 Ion Ratio Lower Upper
 169 100
 168 63.5 50.9 76.3
 167 36.0 28.2 42.4

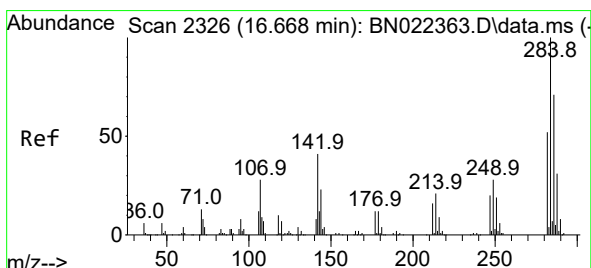
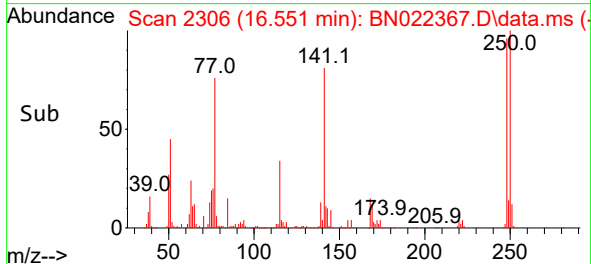
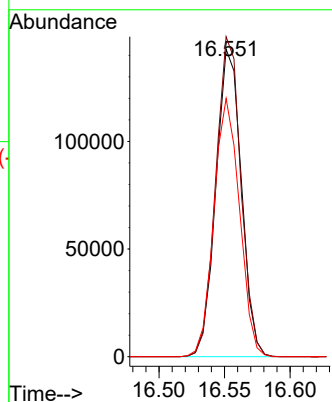
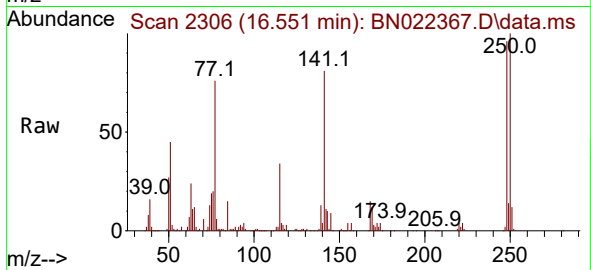




#68
4-Bromophenyl-phenylether
Concen: 37.651 ng/ul
RT: 16.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

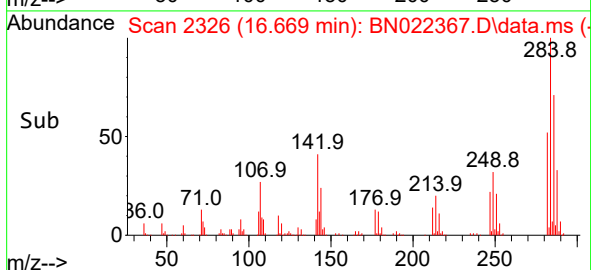
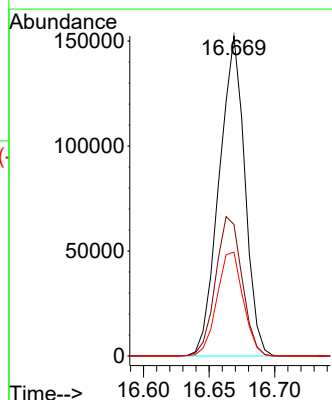
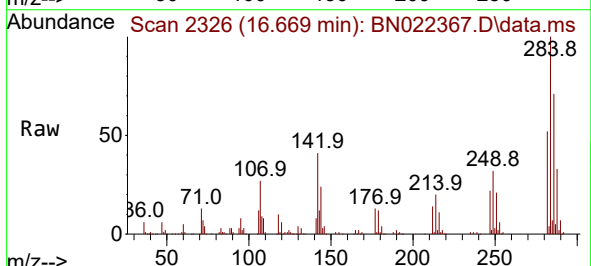
Instrument :
BNA_N
ClientSampleId :

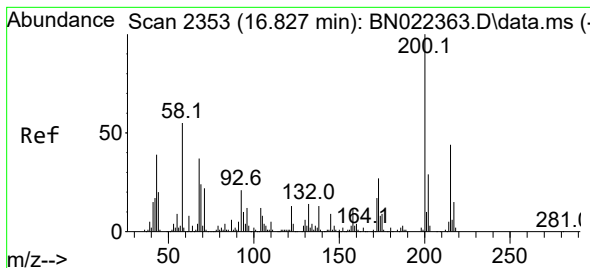
Tgt Ion:248 Resp: 192257
Ion Ratio Lower Upper
248 100
250 104.1 86.3 129.5
141 84.0 74.2 111.4



#69
Hexachlorobenzene
Concen: 33.384 ng/ul
RT: 16.669 min Scan# 2326
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:284 Resp: 207504
Ion Ratio Lower Upper
284 100
142 41.1 35.7 53.5
249 32.4 27.0 40.6





#70

Atrazine

Concen: 31.417 ng/ul

RT: 16.828 min Scan# 2353

Delta R.T. 0.000 min

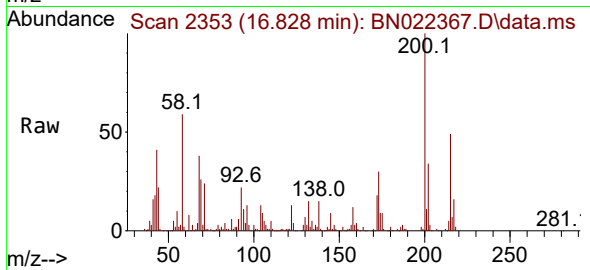
Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :



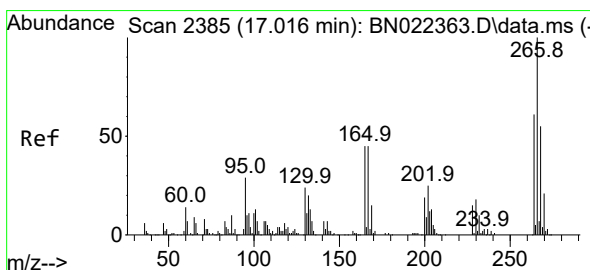
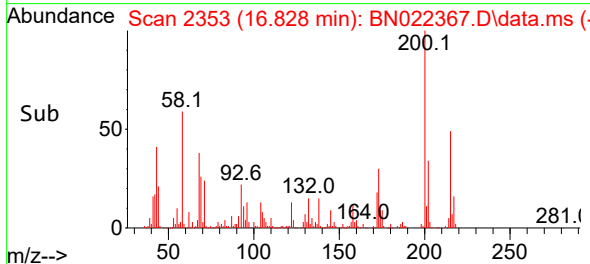
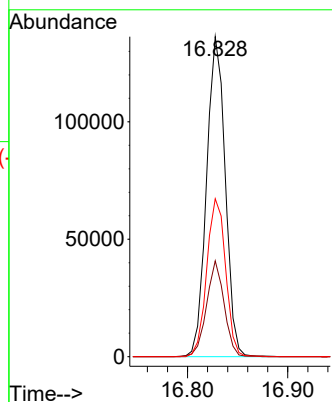
Tgt Ion:200 Resp: 176860

Ion Ratio Lower Upper

200 100

173 30.0 22.8 34.2

215 49.4 38.1 57.1



#71

Pentachlorophenol

Concen: 32.687 ng/ul

RT: 17.016 min Scan# 2385

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

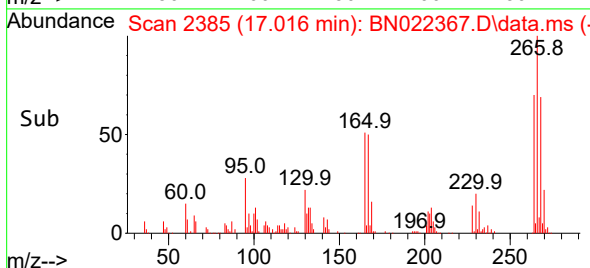
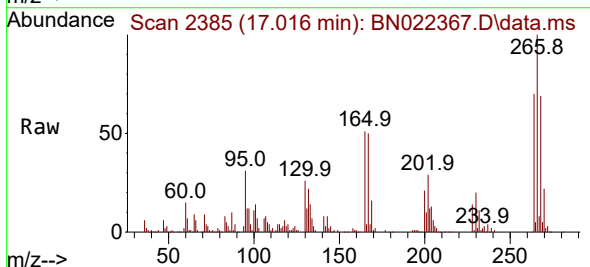
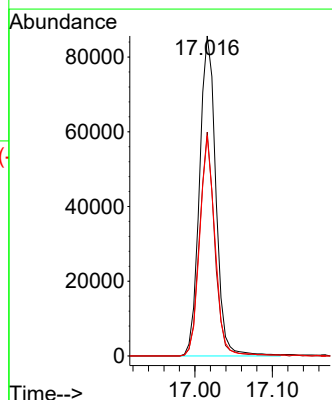
Tgt Ion:266 Resp: 125634

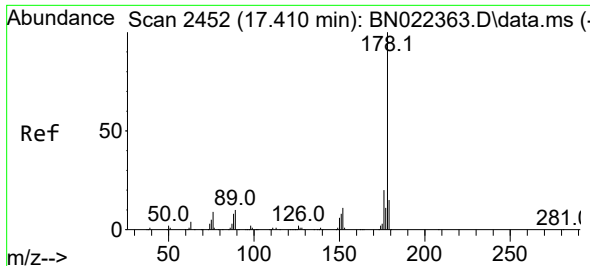
Ion Ratio Lower Upper

266 100

264 70.0 52.7 79.1

268 68.8 54.6 82.0

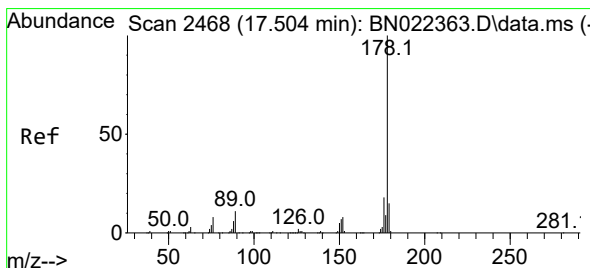
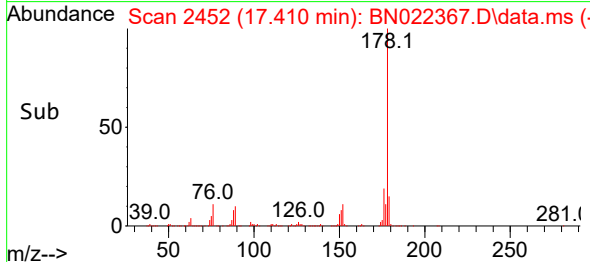
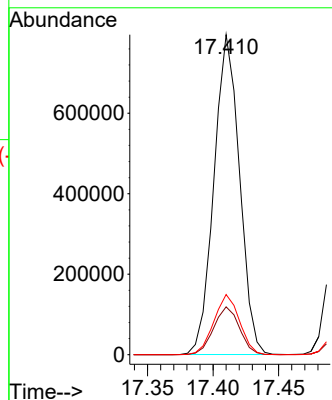
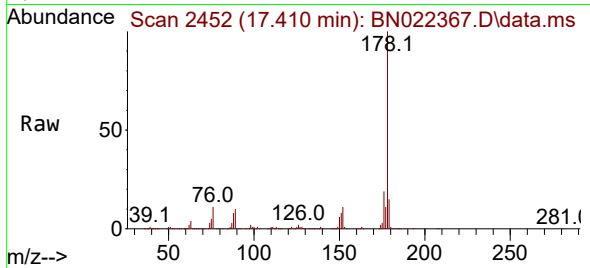




#72
Phenanthrene
Concen: 34.532 ng/ul
RT: 17.410 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

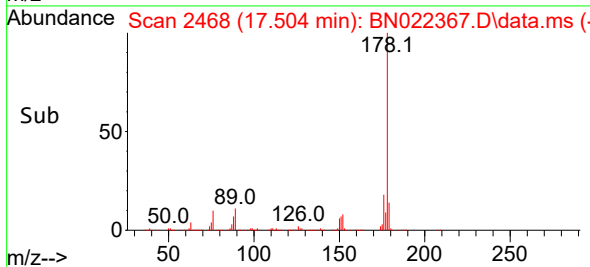
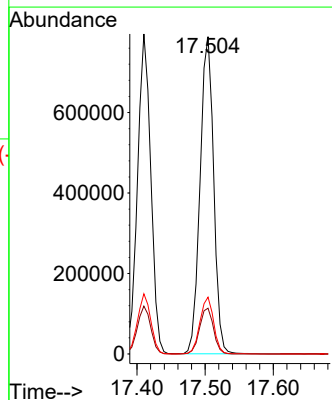
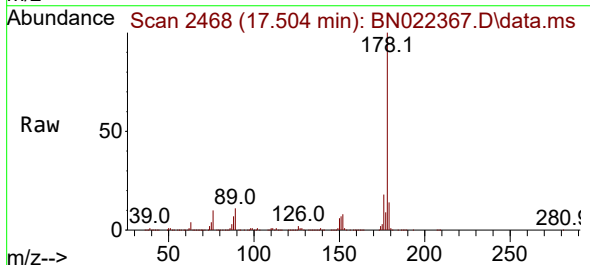
Instrument :
BNA_N
ClientSampleId :

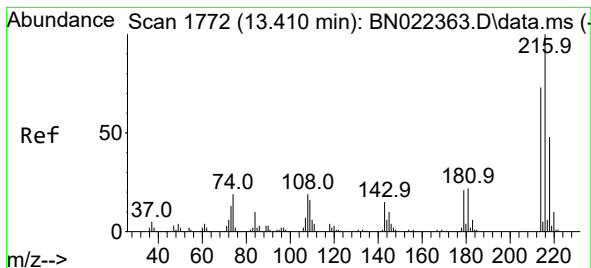
Tgt Ion:178 Resp: 1076755
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 18.8 16.5 24.7



#74
Anthracene
Concen: 35.275 ng/ul
RT: 17.504 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:178 Resp: 1092538
Ion Ratio Lower Upper
178 100
179 14.4 13.0 19.6
176 17.9 15.8 23.6

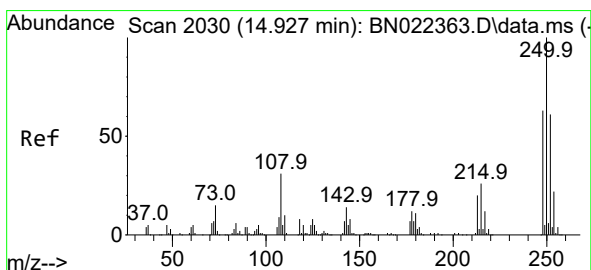
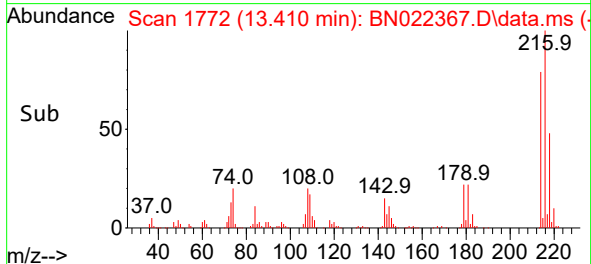
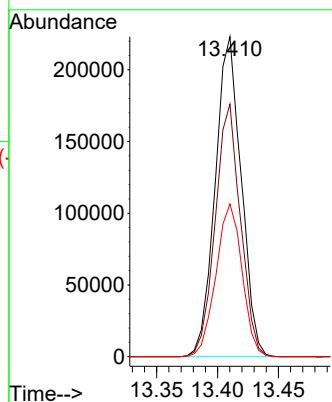
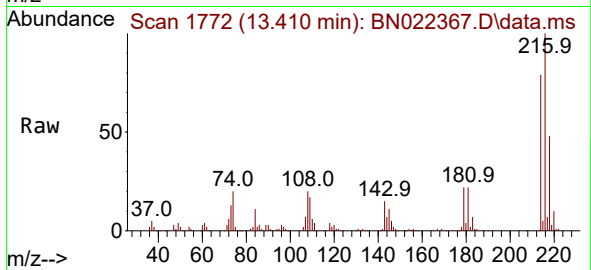




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 45.549 ng/uL
 RT: 13.410 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: BN022367.D
 Acq: 27 Oct 2022 18:40

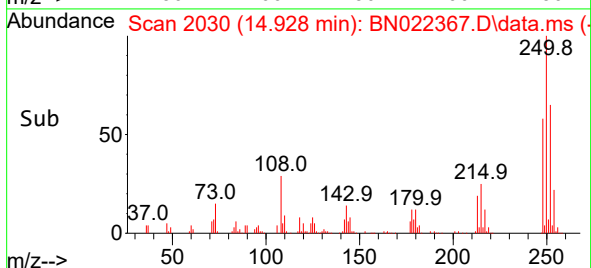
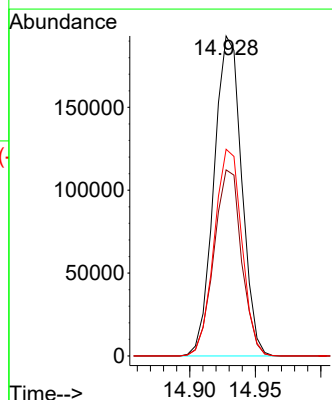
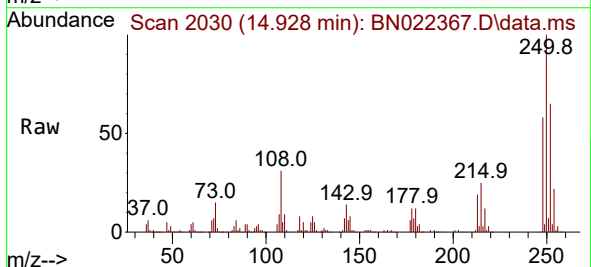
Instrument :
 BNA_N
 ClientSampleId :

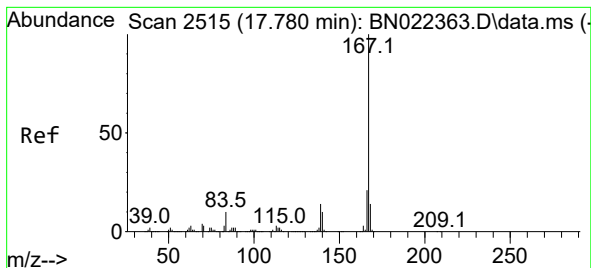
Tgt Ion:216 Resp: 331161
 Ion Ratio Lower Upper
 216 100
 214 78.9 61.2 91.8
 218 47.7 39.4 59.0



#76
 Pentachlorobenzene
 Concen: 36.336 ng/uL
 RT: 14.928 min Scan# 2030
 Delta R.T. 0.000 min
 Lab File: BN022367.D
 Acq: 27 Oct 2022 18:40

Tgt Ion:250 Resp: 283557
 Ion Ratio Lower Upper
 250 100
 248 58.2 46.8 70.2
 252 64.6 53.9 80.9





#77

Carbazole

Concen: 34.451 ng/ul

RT: 17.781 min Scan# 2515

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :

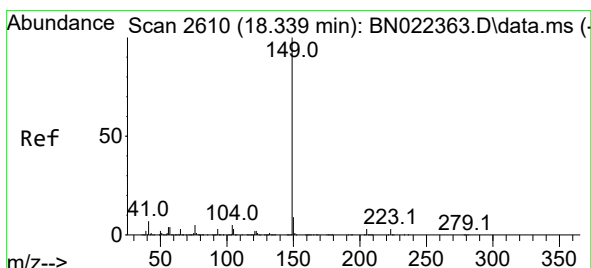
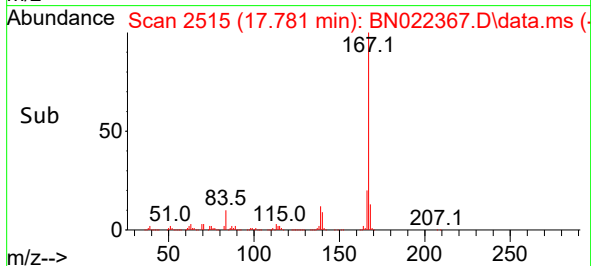
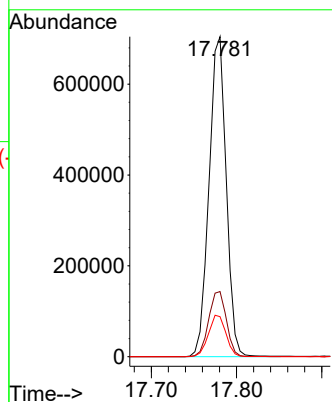
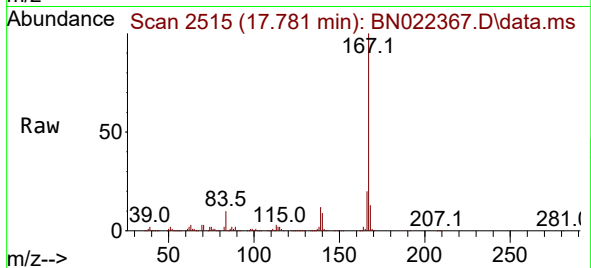
Tgt Ion:167 Resp: 986927

Ion Ratio Lower Upper

167 100

166 20.3 17.3 25.9

139 12.5 10.7 16.1



#78

Di-n-butylphthalate

Concen: 34.317 ng/ul

RT: 18.339 min Scan# 2610

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

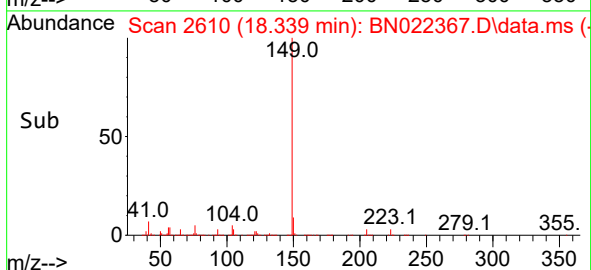
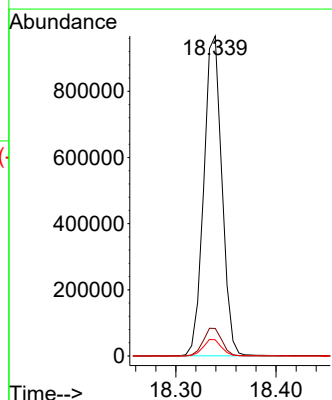
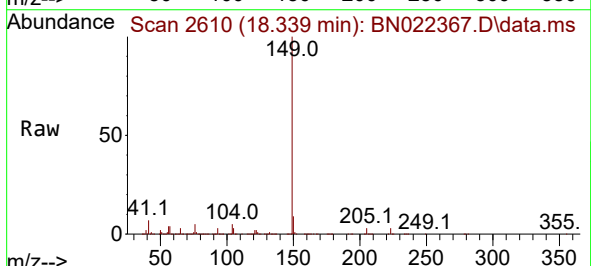
Tgt Ion:149 Resp: 1218386

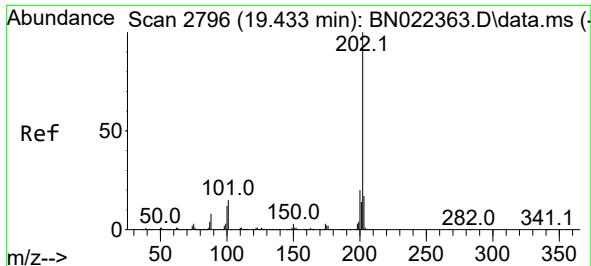
Ion Ratio Lower Upper

149 100

150 8.6 7.1 10.7

104 5.0 4.2 6.2

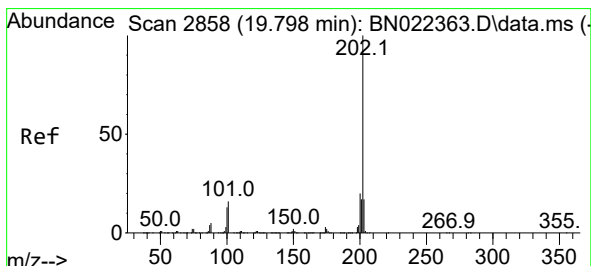
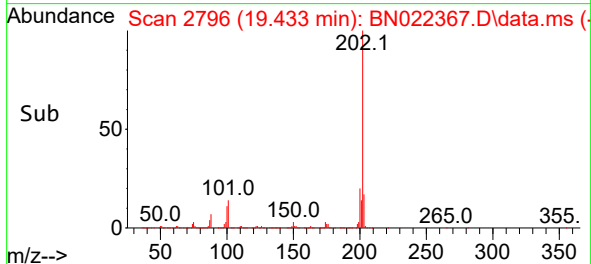
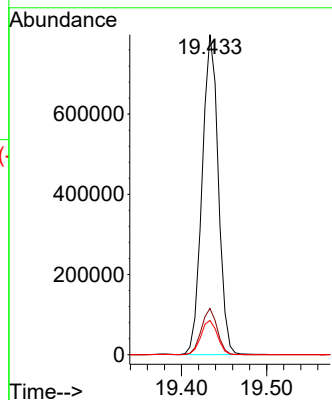
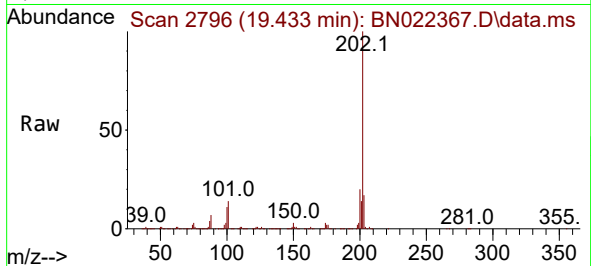




#80
Fluoranthene
Concen: 39.917 ng/ul
RT: 19.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

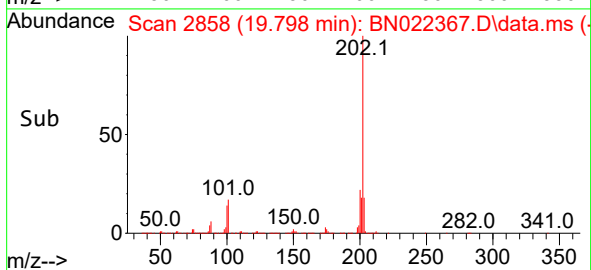
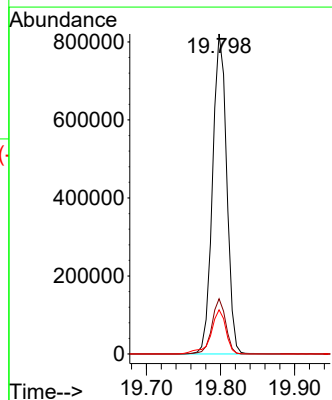
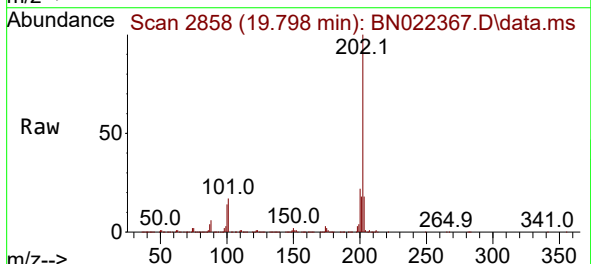
Instrument :
BNA_N
ClientSampleId :

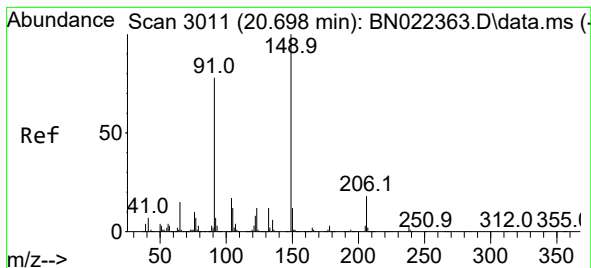
Tgt Ion:202 Resp: 1049871
Ion Ratio Lower Upper
202 100
101 14.5 10.3 15.5
100 10.7 7.8 11.8



#82
Pyrene
Concen: 39.462 ng/ul
RT: 19.798 min Scan# 2858
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:202 Resp: 1085860
Ion Ratio Lower Upper
202 100
101 17.2 13.4 20.0
100 13.8 10.9 16.3





#83

Butylbenzylphthalate

Concen: 37.561 ng/ul

RT: 20.698 min Scan# 3011

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :

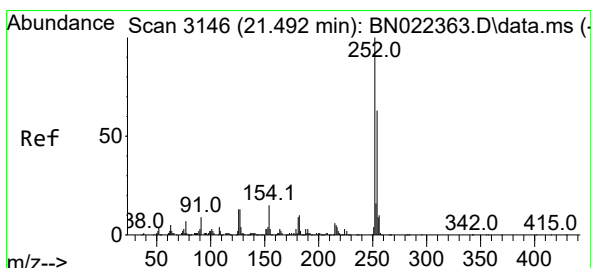
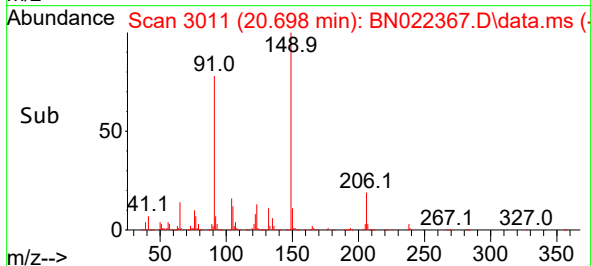
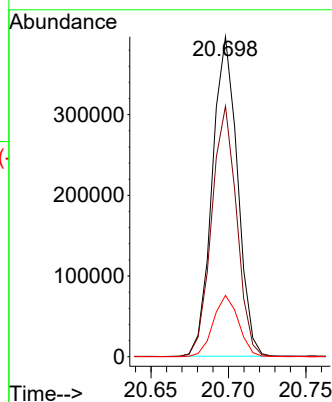
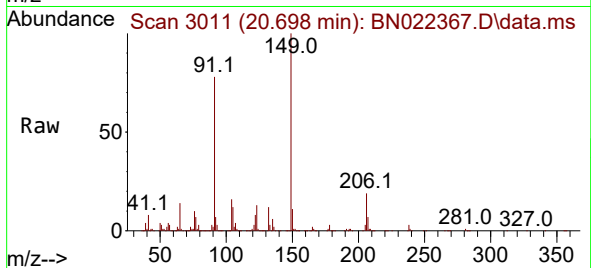
Tgt Ion:149 Resp: 448414

Ion Ratio Lower Upper

149 100

91 78.3 61.7 92.5

206 19.2 14.7 22.1



#84

3,3'-Dichlorobenzidine

Concen: 31.493 ng/ul

RT: 21.486 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

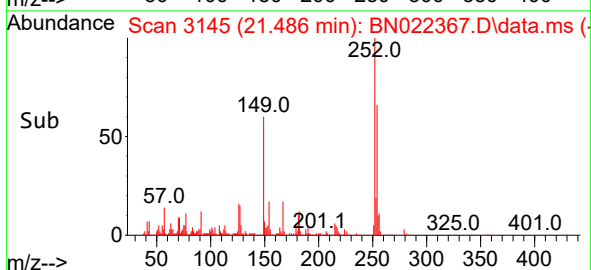
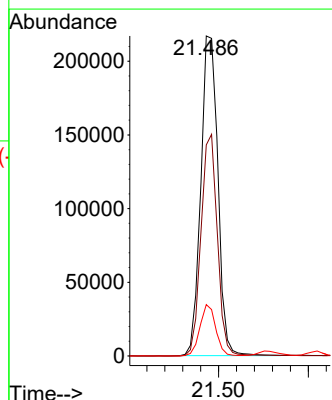
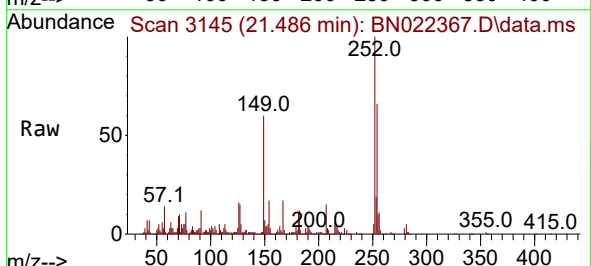
Tgt Ion:252 Resp: 286629

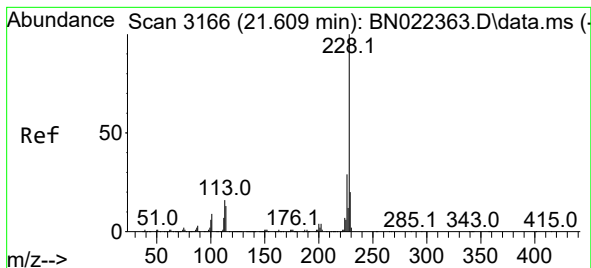
Ion Ratio Lower Upper

252 100

254 65.9 52.9 79.3

126 16.1 11.2 16.8





#85

Benzo(a)anthracene

Concen: 34.159 ng/ul

RT: 21.557 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :

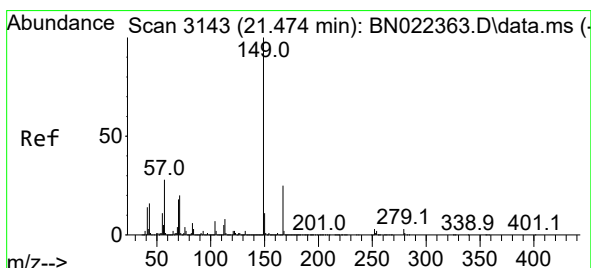
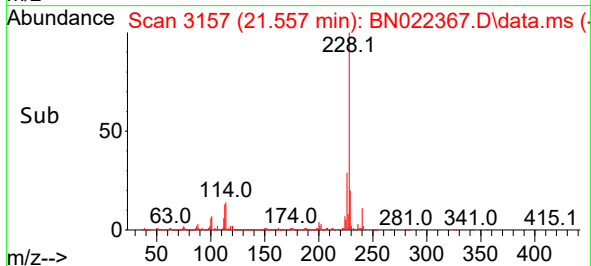
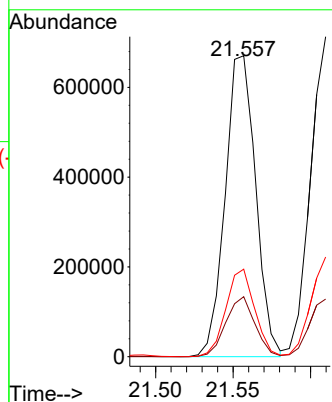
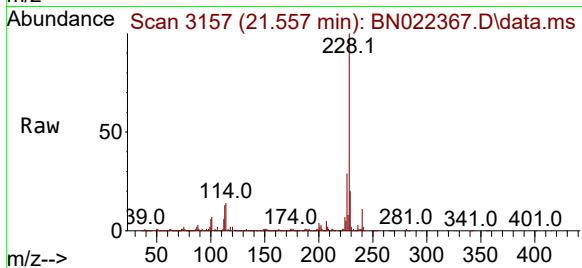
Tgt Ion:228 Resp: 918567

Ion Ratio Lower Upper

228 100

229 19.9 13.5 20.3

226 29.1 21.0 31.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.187 ng/ul

RT: 21.474 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

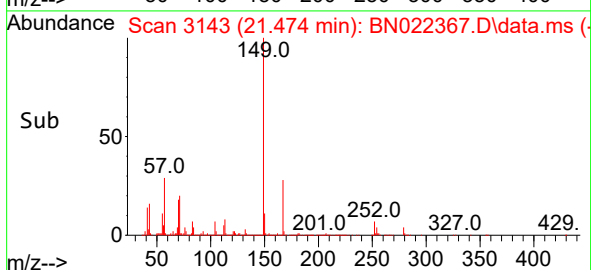
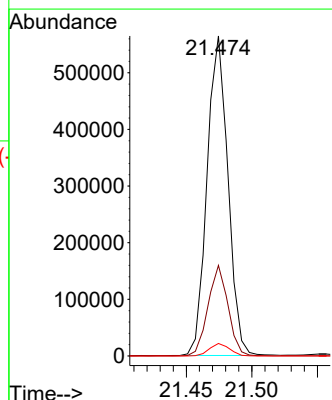
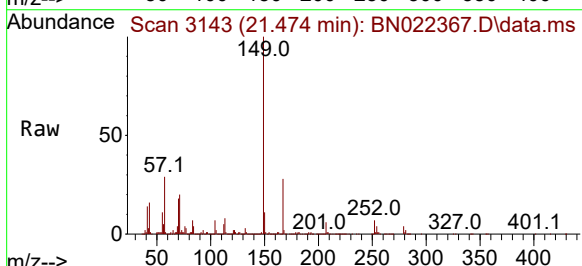
Tgt Ion:149 Resp: 624841

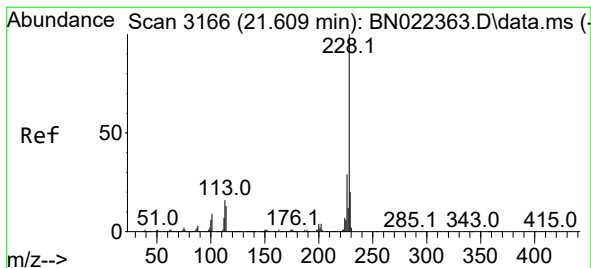
Ion Ratio Lower Upper

149 100

167 28.3 21.3 31.9

279 3.9 2.9 4.3





#87

Chrysene

Concen: 34.634 ng/ul

RT: 21.610 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :

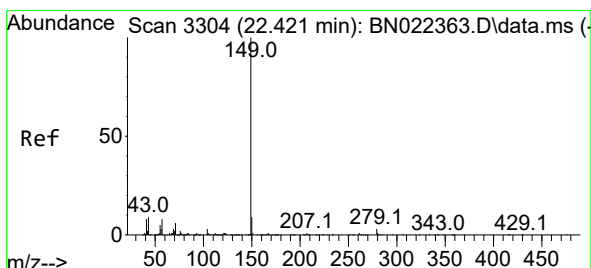
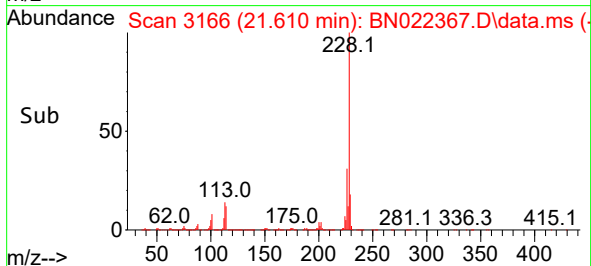
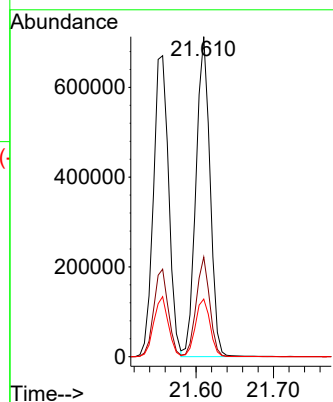
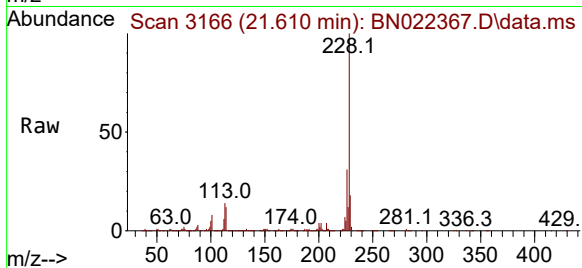
Tgt Ion:228 Resp: 895024

Ion Ratio Lower Upper

228 100

226 31.2 23.8 35.8

229 18.0 16.5 24.7



#89

Di-n-octyl phthalate

Concen: 33.034 ng/ul

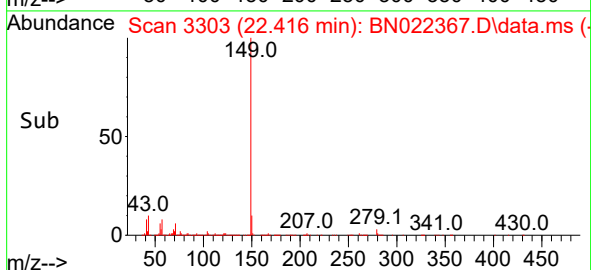
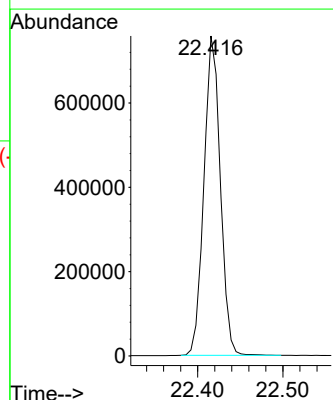
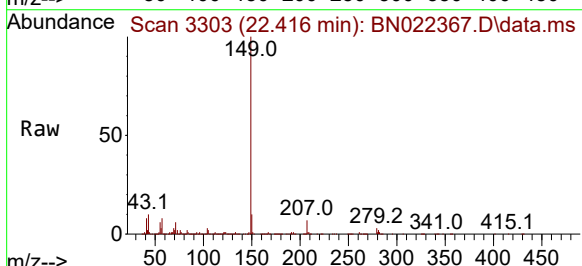
RT: 22.416 min Scan# 3303

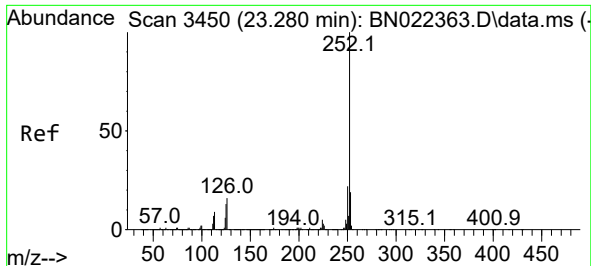
Delta R.T. -0.006 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

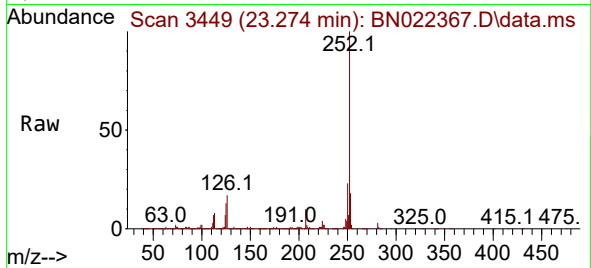
Tgt Ion:149 Resp: 1013148



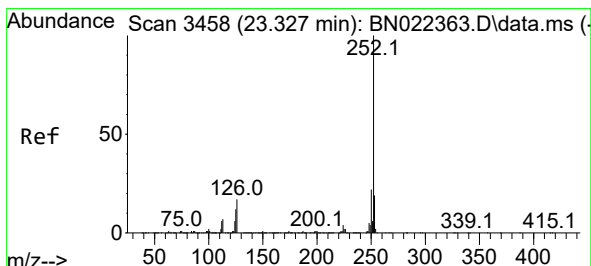
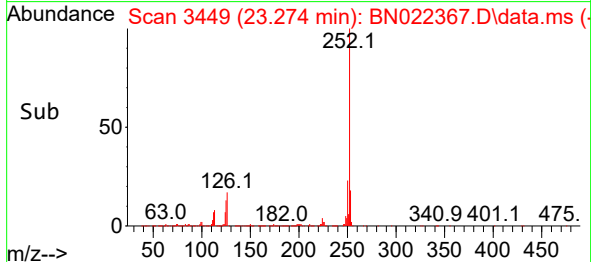
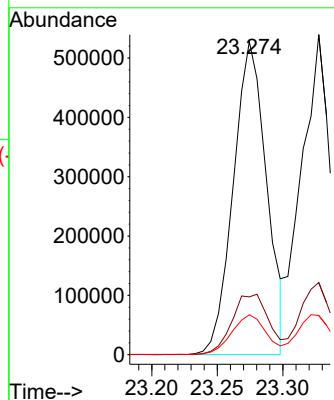


#90
Benzo(b)fluoranthene
Concen: 34.089 ng/ul
RT: 23.274 min Scan# 3449
Delta R.T. -0.006 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Instrument :
BNA_N
ClientSampleId :

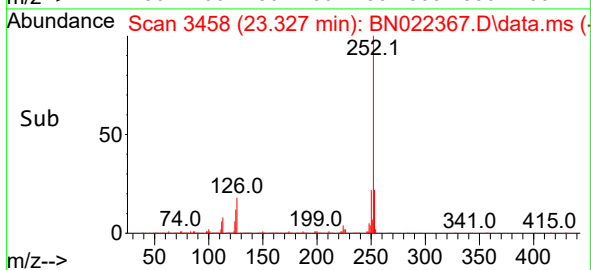
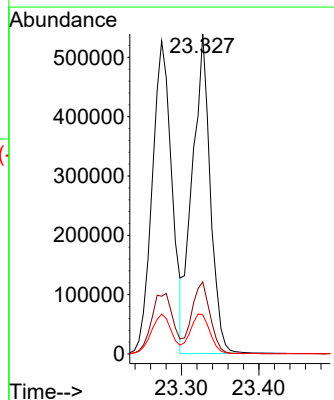
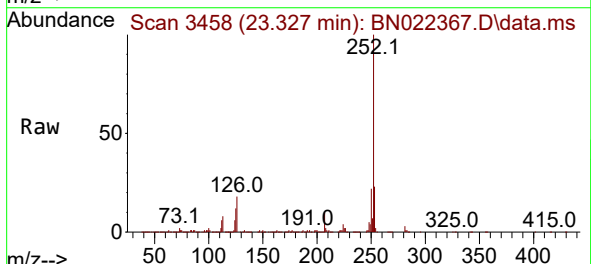


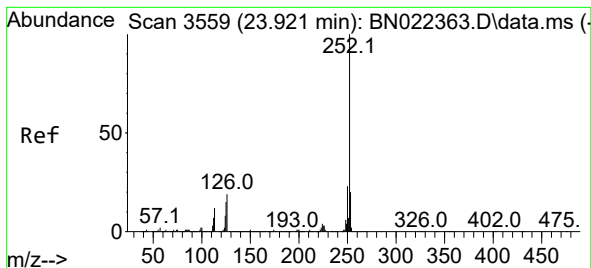
Tgt Ion:252 Resp: 930696
Ion Ratio Lower Upper
252 100
253 18.4 17.6 26.4
125 12.7 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 32.132 ng/ul
RT: 23.327 min Scan# 3458
Delta R.T. 0.000 min
Lab File: BN022367.D
Acq: 27 Oct 2022 18:40

Tgt Ion:252 Resp: 866722
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 12.2 10.6 15.8





#93

Benzo(a)pyrene

Concen: 33.302 ng/ul

RT: 23.927 min Scan# 3

Delta R.T. 0.006 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :

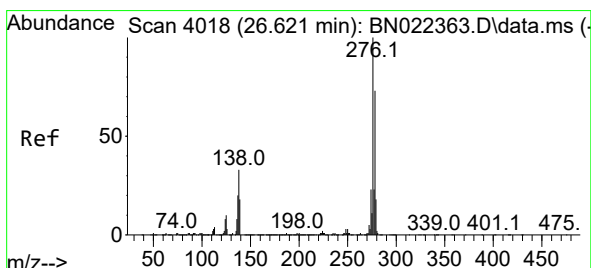
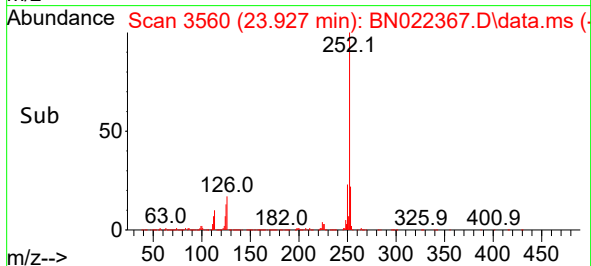
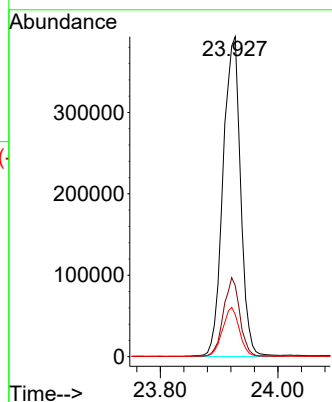
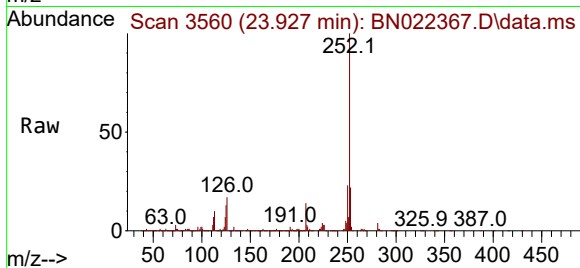
Tgt Ion:252 Resp: 812611

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 13.2 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.069 ng/ul

RT: 26.610 min Scan# 4016

Delta R.T. -0.011 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

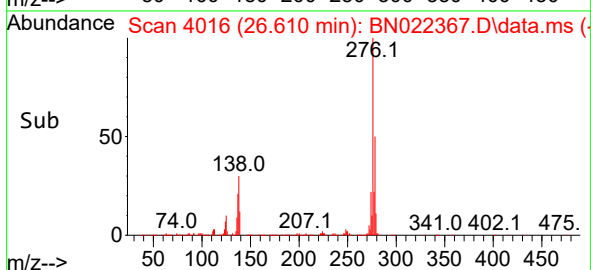
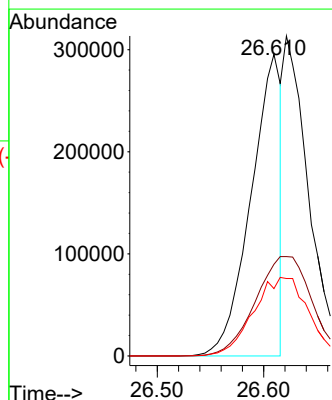
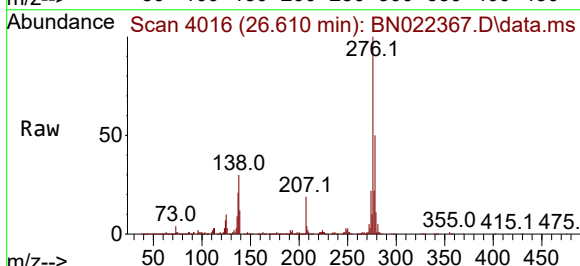
Tgt Ion:276 Resp: 581587

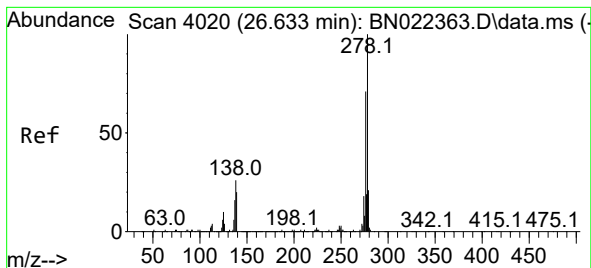
Ion Ratio Lower Upper

276 100

138 30.4 24.6 36.8

277 22.4 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 33.750 ng/ul

RT: 26.639 min Scan# 4020

Delta R.T. 0.006 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Instrument :

BNA_N

ClientSampleId :

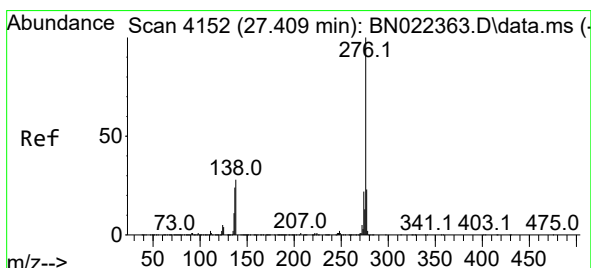
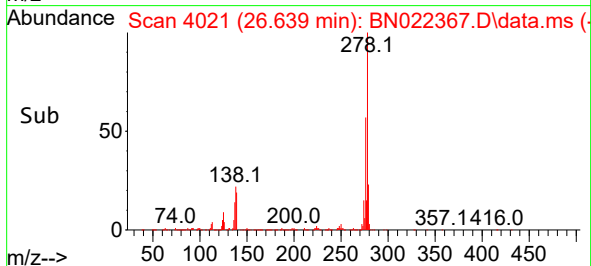
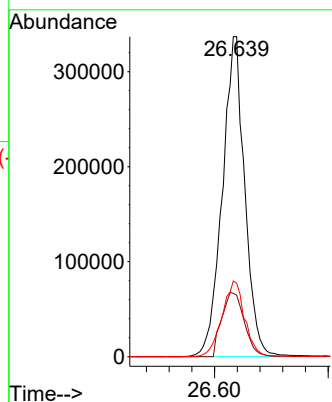
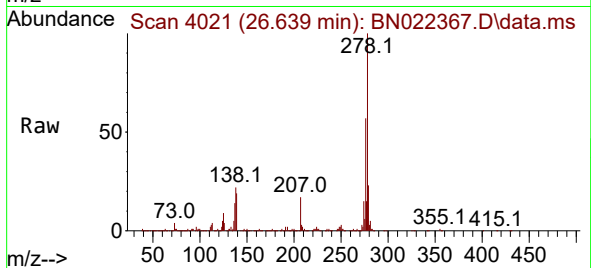
Tgt Ion:278 Resp: 920932

Ion Ratio Lower Upper

278 100

139 19.2 15.7 23.5

279 22.9 16.5 24.7



#96

Benzo(g,h,i)perylene

Concen: 34.794 ng/ul

RT: 27.415 min Scan# 4153

Delta R.T. 0.006 min

Lab File: BN022367.D

Acq: 27 Oct 2022 18:40

Tgt Ion:276 Resp: 954725

Ion Ratio Lower Upper

276 100

138 26.1 21.2 31.8

277 22.5 17.9 26.9

