

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
 Data File : BN022366.D
 Acq On : 27 Oct 2022 18:03
 Operator : CG/JU
 Sample : PB148501BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 28 00:36:23 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	170149	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	674698	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	350091	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	614153	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	513920	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	564224	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	29328	6.533	ng/uL	0.00
4) Pyridine-d5	3.687	84	69576	4.982	ng/u1	0.00
7) Phenol-d5	7.099	99	489028	29.400	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	301711	28.946	ng/u1	0.00
11) 2-Chlorophenol-d4	7.464	132	374859	32.503	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	357579	27.054	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	175638	35.502	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	189931	37.456	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	317625	33.370	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	56948	3.660	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	773854	31.710	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	950515	34.879	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	151745	29.131	ng/u1	0.00
60) Fluorene-d10	15.604	176	650727	31.613	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	116208	33.167	ng/u1	0.00
73) Anthracene-d10	17.469	188	928863	34.803	ng/u1	0.00
81) Pyrene-d10	19.769	212	953166	37.252	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.869	264	922839	33.351	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	58449	11.946	ng/uL	97
5) Pyridine	3.705	79	337957	24.395	ng/u1	93
6) Benzaldehyde	7.069	77	253134	30.816	ng/u1	99
8) Phenol	7.122	94	473358	26.811	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.358	93	379555	27.023	ng/u1	99
12) 2-Chlorophenol	7.493	128	366392	28.771	ng/u1	100
13) 2-Methylphenol	8.393	108	345750	26.193	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	511199	25.434	ng/u1	99
16) Acetophenone	8.775	105	526878	24.950	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.763	70	272786	24.253	ng/u1	97
18) 4-Methylphenol	8.722	108	366940	24.826	ng/u1	95
19) Hexachloroethane	9.022	117	154221	31.018	ng/u1	99
22) Nitrobenzene	9.163	77	414093	31.698	ng/u1	99
23) Isophorone	9.693	82	738874	28.648	ng/u1	100
25) 2-Nitrophenol	9.875	139	196934	32.908	ng/u1	97
26) 2,4-Dimethylphenol	9.940	107	374760	29.702	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.175	93	468146	29.027	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	302150	30.438	ng/u1	95
30) Naphthalene	10.816	128	1092180	30.218	ng/u1	99
32) 4-Chloroaniline	10.934	127	360190	22.328	ng/u1	98
33) Hexachlorobutadiene	11.093	225	178111	32.700	ng/u1	96
34) Caprolactam	11.728	113	59285	15.371	ng/u1	92
35) 4-Chloro-3-methylphenol	12.063	107	320483	26.779	ng/u1	98
36) 2-Methylnaphthalene	12.434	142	684107	27.408	ng/u1	96

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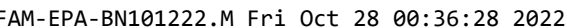
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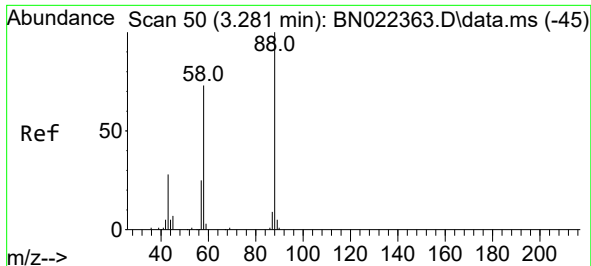
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 QLast Update : Fri Oct 28 00:29:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.652	142	682350	27.299	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.799	216	317855	34.999	ng/ul	98
40) Hexachlorocyclopentadiene	12.775	237	170475	33.577	ng/ul	88
41) 2,4,6-Trichlorophenol	13.046	196	203353	32.838	ng/ul	92
42) 2,4,5-Trichlorophenol	13.116	196	219443	31.820	ng/ul	98
43) 1,1'-Biphenyl	13.446	154	835449	32.689	ng/ul	96
44) 2-Chloronaphthalene	13.487	162	653174	32.709	ng/ul	95
45) 2-Nitroaniline	13.699	65	202040	32.659	ng/ul	95
47) Dimethylphthalate	14.069	163	756673	28.845	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	153715	31.283	ng/ul	98
50) Acenaphthylene	14.334	152	998649	32.088	ng/ul	99
51) 3-Nitroaniline	14.528	138	161049	27.759	ng/ul	100
52) Acenaphthene	14.675	153	684653	31.022	ng/ul	98
53) 2,4-Dinitrophenol	14.740	184	87814	26.382	ng/ul	100
55) 4-Nitrophenol	14.834	109	110274	26.109	ng/ul	97
56) Dibenzofuran	15.010	168	909381	30.196	ng/ul	99
57) 2,4-Dinitrotoluene	14.987	165	216965	30.141	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.240	232	163415	28.473	ng/ul	97
59) Diethylphthalate	15.434	149	749539	28.131	ng/ul	99
61) Fluorene	15.663	166	709930	29.323	ng/ul	88
62) 4-Chlorophenyl-phenyle...	15.657	204	326659	28.795	ng/ul	98
63) 4-Nitroaniline	15.693	138	178990	33.064	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	116322	30.924	ng/ul	96
67) N-Nitrosodiphenylamine	15.875	169	609521	34.318	ng/ul	97
68) 4-Bromophenyl-phenylether	16.551	248	191079	35.220	ng/ul	94
69) Hexachlorobenzene	16.669	284	214402	32.465	ng/ul	95
70) Atrazine	16.828	200	67023	11.206	ng/ul	97
71) Pentachlorophenol	17.016	266	126326	30.934	ng/ul	94
72) Phenanthrene	17.410	178	1057149	31.909	ng/ul	98
74) Anthracene	17.504	178	1055721	32.082	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	306779	39.714	ng/ul	93
76) Pentachlorobenzene	14.934	250	278097	33.541	ng/ul	93
77) Carbazole	17.775	167	989590	32.513	ng/ul	98
78) Di-n-butylphthalate	18.339	149	1229732	32.600	ng/ul	99
80) Fluoranthene	19.434	202	1100921	34.277	ng/ul	95
82) Pyrene	19.798	202	1136710	33.828	ng/ul	97
83) Butylbenzylphthalate	20.698	149	509428	34.944	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	314639	28.309	ng/ul	94
85) Benzo(a)anthracene	21.557	228	1044397	31.804	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.475	149	751106	35.621	ng/ul	98
87) Chrysene	21.610	228	999229	31.664	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	1227499	30.706	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1130999	31.782	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1076731	30.626	ng/ul	99
93) Benzo(a)pyrene	23.927	252	999862	31.437	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.621	276	1330445	33.468	ng/ul	96
95) Dibenzo(a,h)anthracene	26.639	278	1157774	32.553	ng/ul	98
96) Benzo(g,h,i)perylene	27.415	276	1145547	32.030	ng/ul	99

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

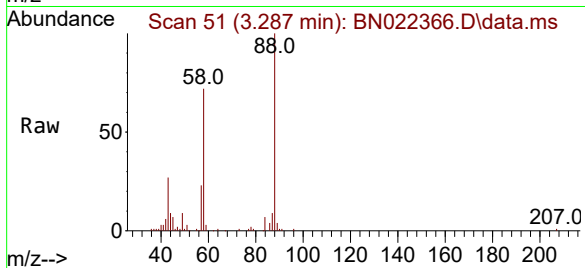
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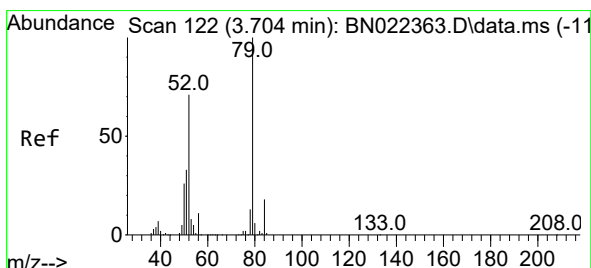
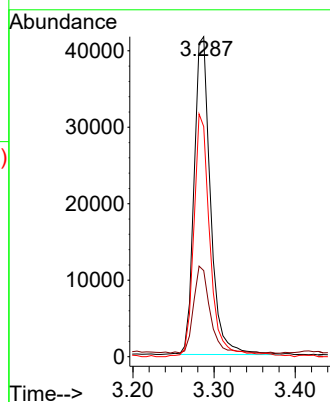
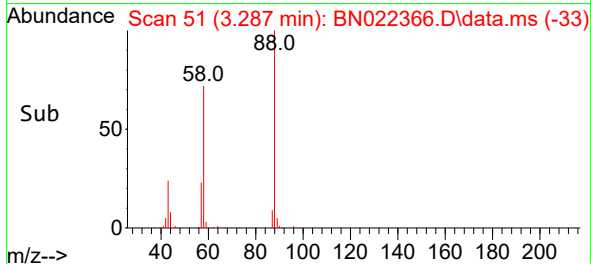


#2
1,4-Dioxane
Concen: 11.946 ng/uL
RT: 3.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: BN022366.D
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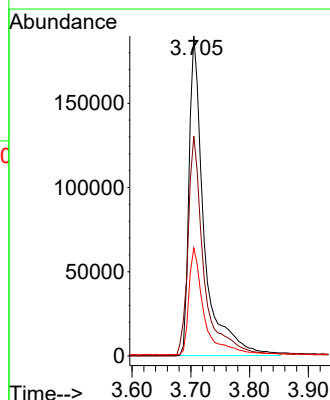
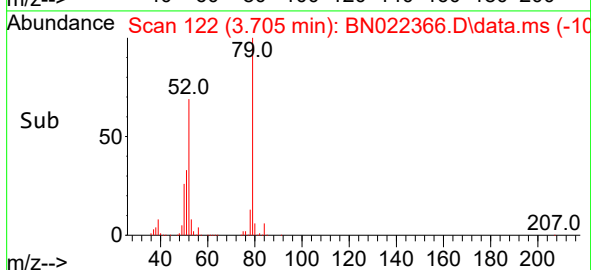
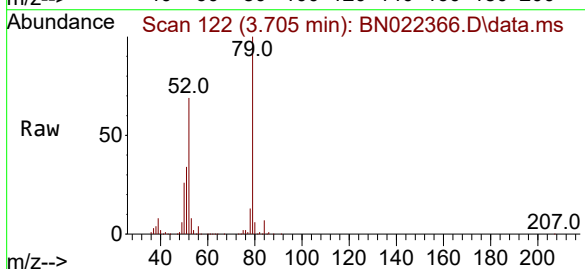


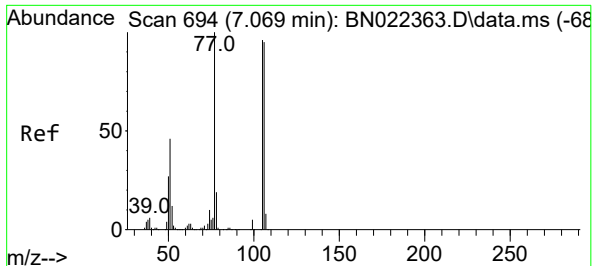
Tgt Ion: 88 Resp: 58449
Ion Ratio Lower Upper
88 100
43 26.9 22.6 34.0
58 71.9 59.9 89.9



#5
Pyridine
Concen: 24.395 ng/uL
RT: 3.705 min Scan# 122
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion: 79 Resp: 337957
Ion Ratio Lower Upper
79 100
52 68.7 61.7 92.5
51 33.8 27.8 41.6

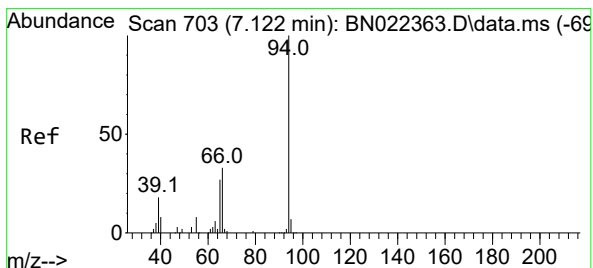
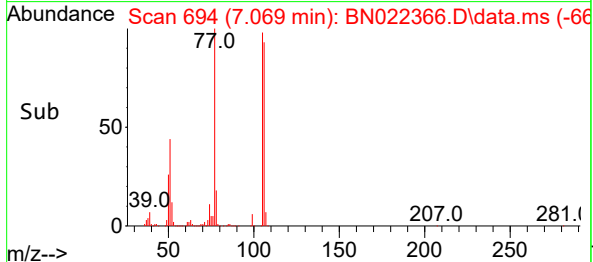
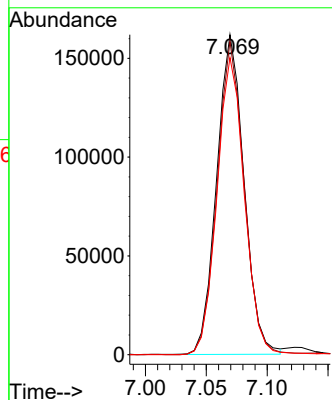
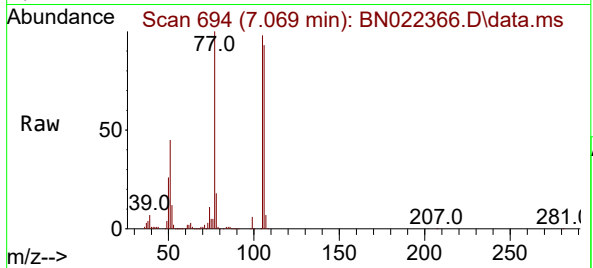




#6
Benzaldehyde
Concen: 30.816 ng/ul
RT: 7.069 min Scan# 694
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

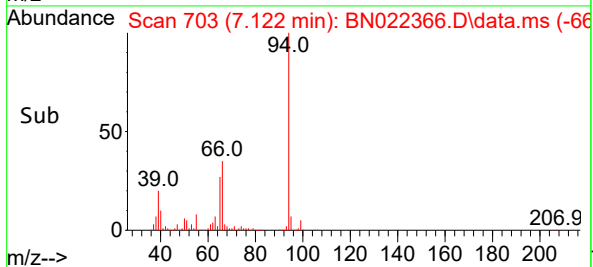
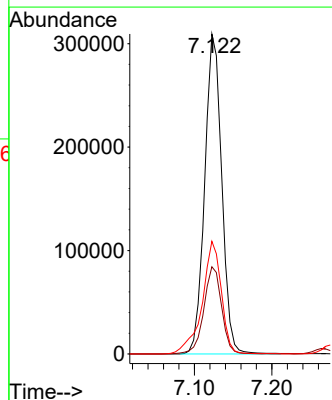
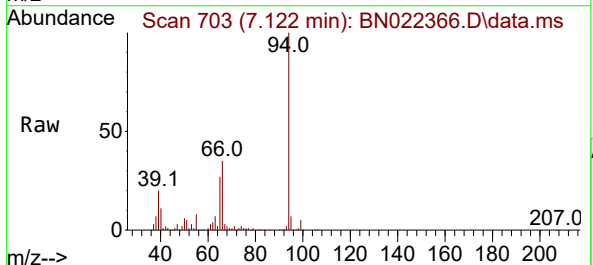
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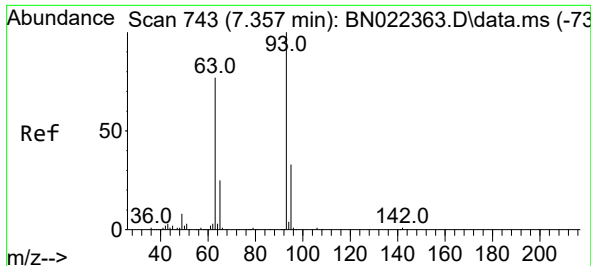
Tgt Ion: 77 Resp: 253134
Ion Ratio Lower Upper
77 100
105 97.8 78.6 118.0
106 92.8 75.4 113.2



#8
Phenol
Concen: 26.811 ng/ul
RT: 7.122 min Scan# 703
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion: 94 Resp: 473358
Ion Ratio Lower Upper
94 100
65 27.3 22.1 33.1
66 35.2 29.0 43.6

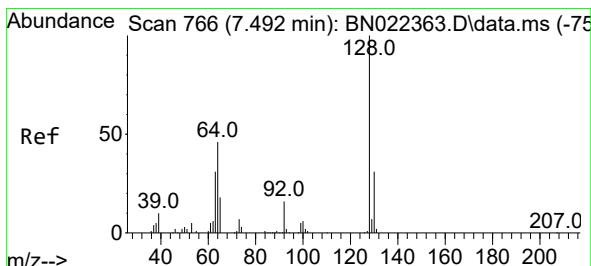
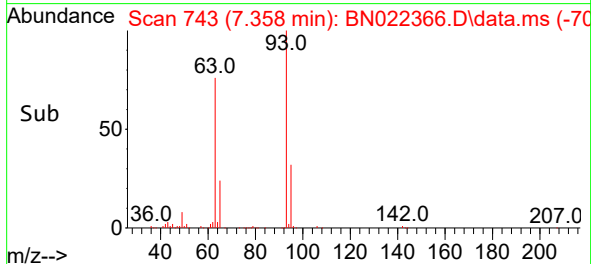
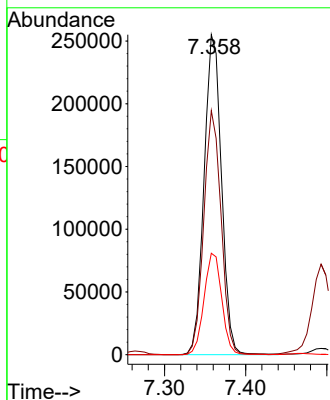
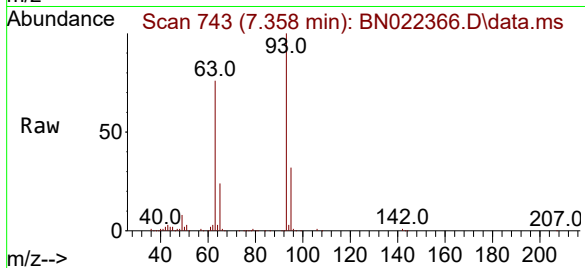




#10
Bis(2-Chloroethyl)ether
Concen: 27.023 ng/ul
RT: 7.358 min Scan# 743
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

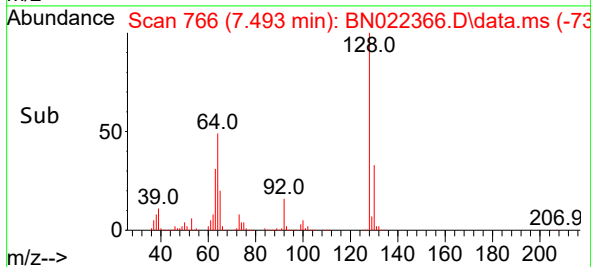
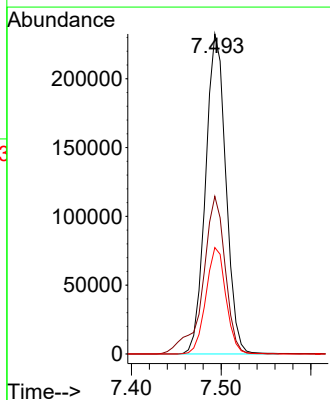
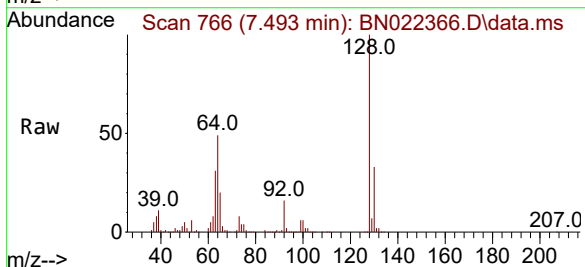
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ClientSampleId :

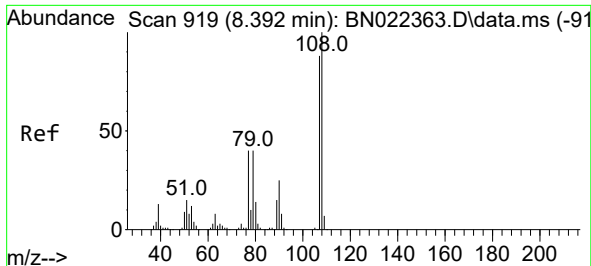
Tgt Ion: 93 Resp: 379555
Ion Ratio Lower Upper
93 100
63 76.3 61.1 91.7
95 31.7 26.4 39.6



#12
2-Chlorophenol
Concen: 28.771 ng/ul
RT: 7.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion:128 Resp: 366392
Ion Ratio Lower Upper
128 100
64 49.3 39.7 59.5
130 33.3 26.7 40.1





#13

2-Methylphenol

Concen: 26.193 ng/ul

RT: 8.393 min Scan# 919

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

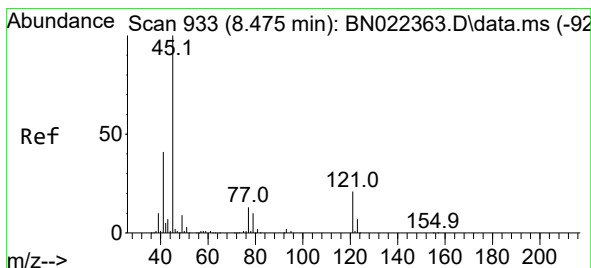
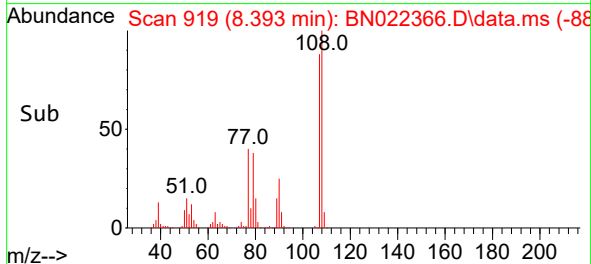
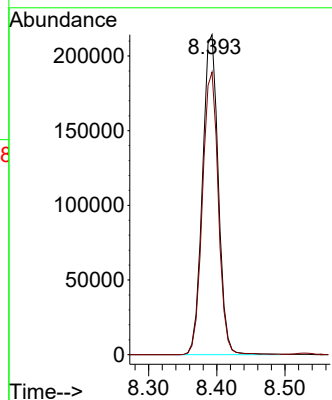
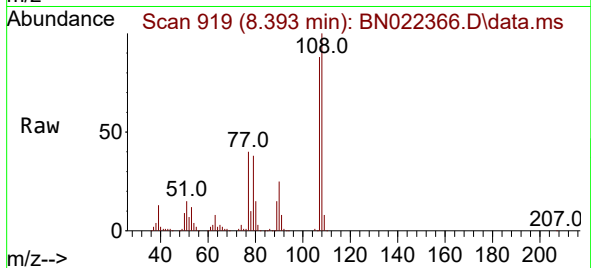
ClientSampleId :

Tgt Ion:108 Resp: 345750

Ion Ratio Lower Upper

108 100

107 88.3 72.4 108.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.434 ng/ul

RT: 8.481 min Scan# 934

Delta R.T. 0.006 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

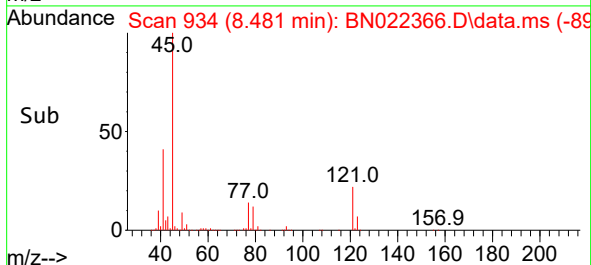
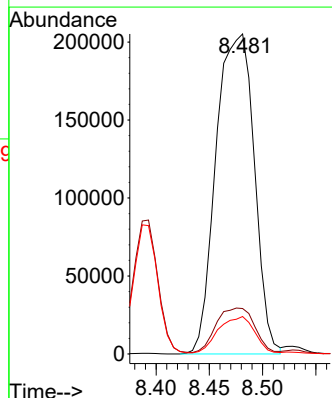
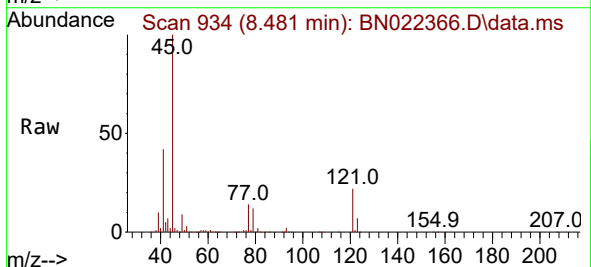
Tgt Ion: 45 Resp: 511199

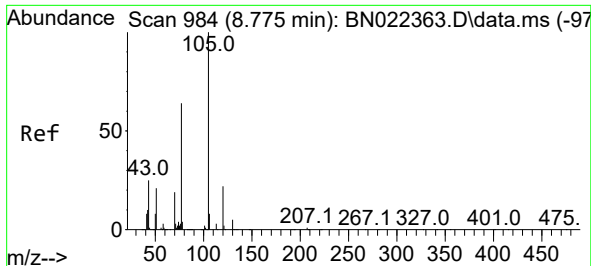
Ion Ratio Lower Upper

45 100

77 14.2 11.7 17.5

79 11.7 8.7 13.1

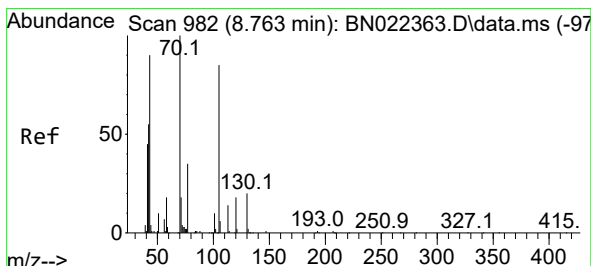
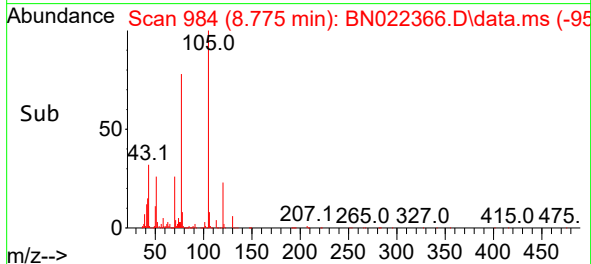
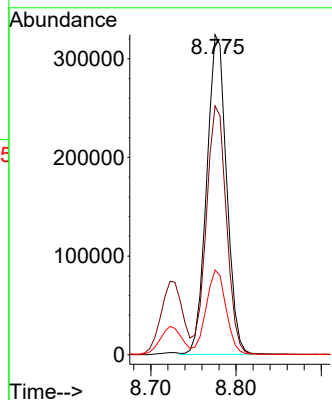
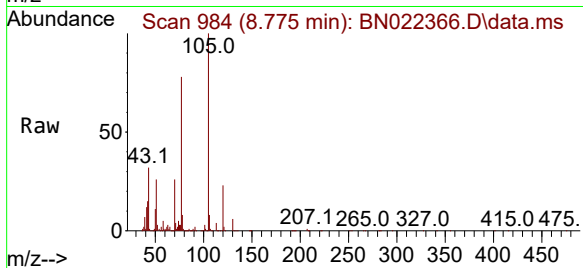




#16
Acetophenone
Concen: 24.950 ng/ul
RT: 8.775 min Scan# 984
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

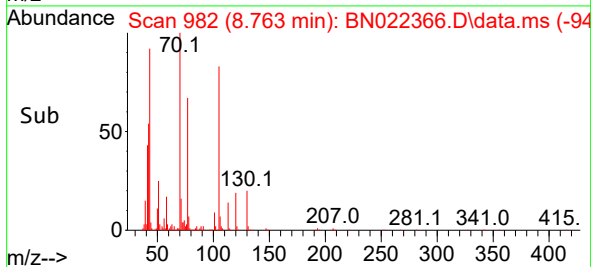
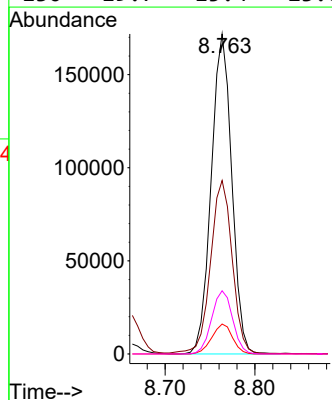
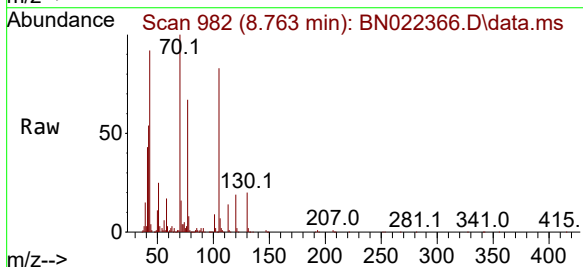
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BNA_N
ClientSampleId :

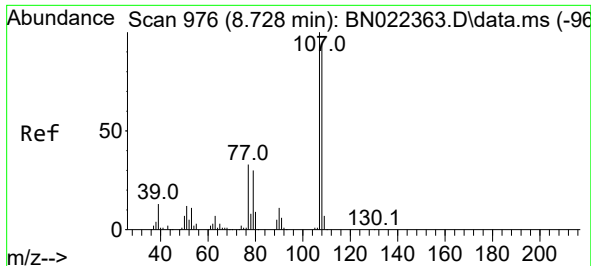
Tgt Ion:105 Resp: 526878
Ion Ratio Lower Upper
105 100
77 77.8 64.9 97.3
51 26.5 21.8 32.6



#17
N-Nitroso-di-n-propylamine
Concen: 24.253 ng/ul
RT: 8.763 min Scan# 982
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion: 70 Resp: 272786
Ion Ratio Lower Upper
70 100
42 54.2 45.6 68.4
101 9.4 7.4 11.2
130 19.7 15.4 23.0





#18

4-Methylphenol

Concen: 24.826 ng/ul

RT: 8.722 min Scan# 91

Delta R.T. -0.005 min

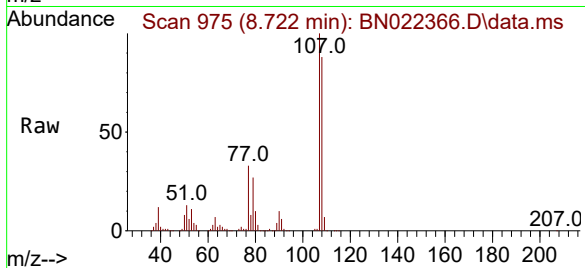
Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :

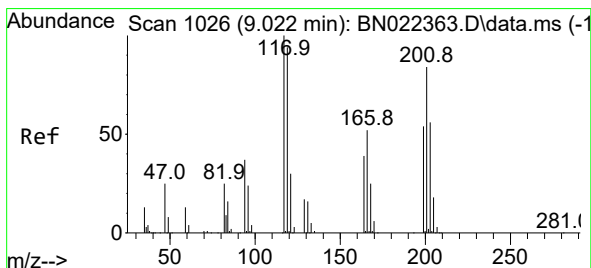
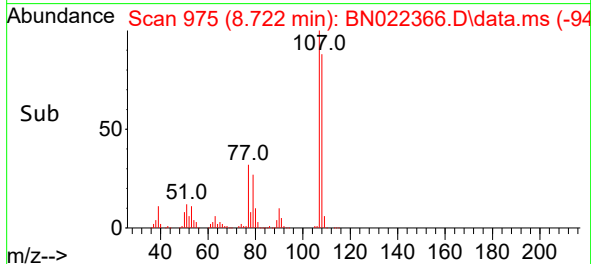
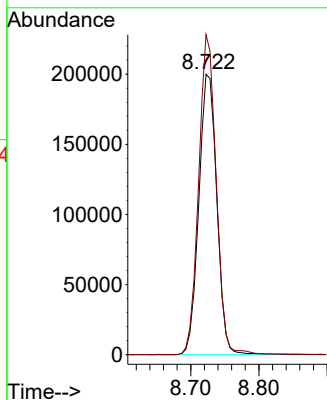


Tgt Ion:108 Resp: 366940

Ion Ratio Lower Upper

108 100

107 114.1 87.2 130.8



#19

Hexachloroethane

Concen: 31.018 ng/ul

RT: 9.022 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

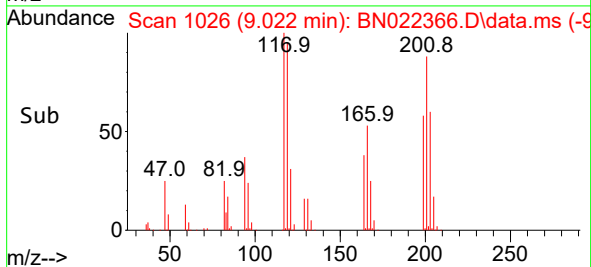
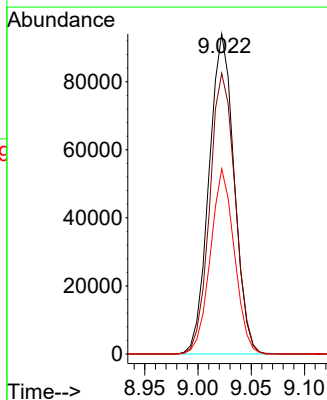
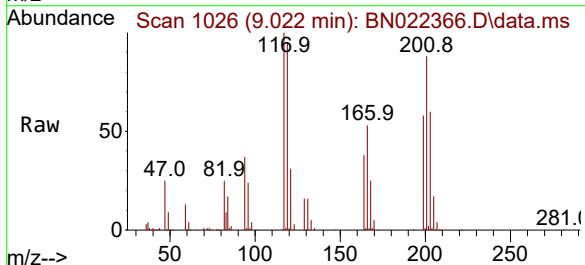
Tgt Ion:117 Resp: 154221

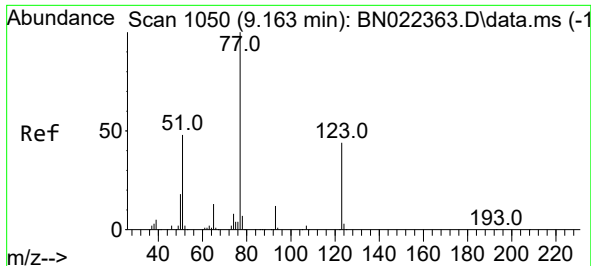
Ion Ratio Lower Upper

117 100

201 87.7 69.8 104.6

199 57.9 45.2 67.8

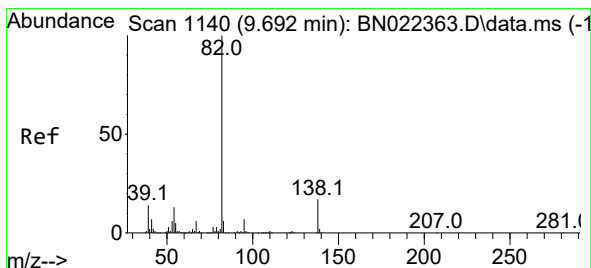
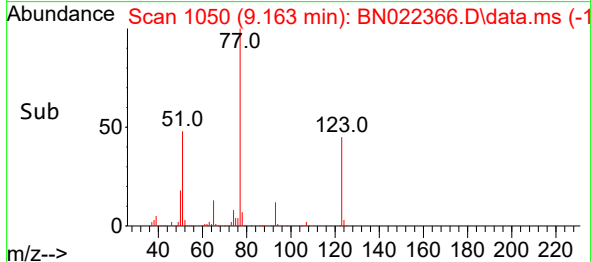
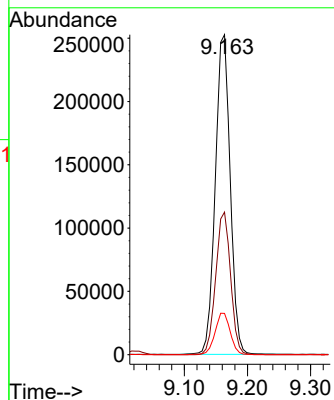
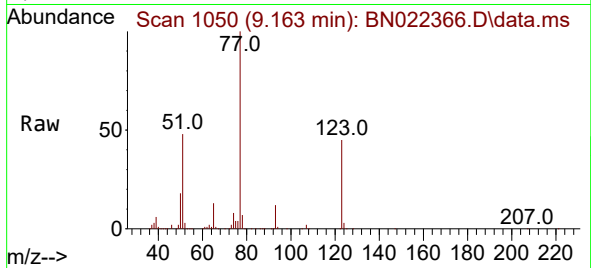




#22
Nitrobenzene
Concen: 31.698 ng/ul
RT: 9.163 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

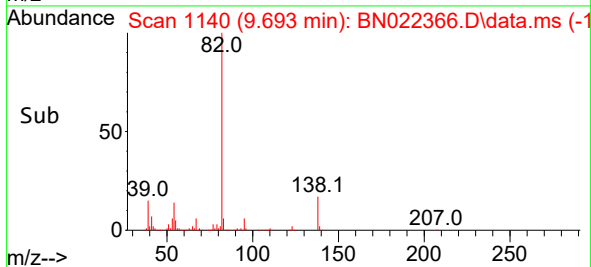
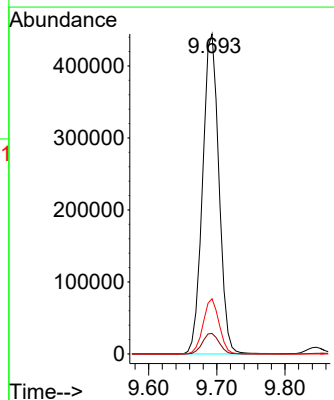
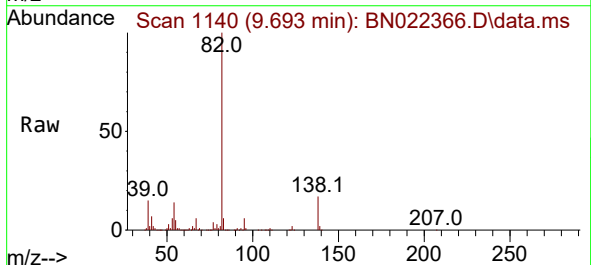
Instrument :
BNA_N
ClientSampleId :

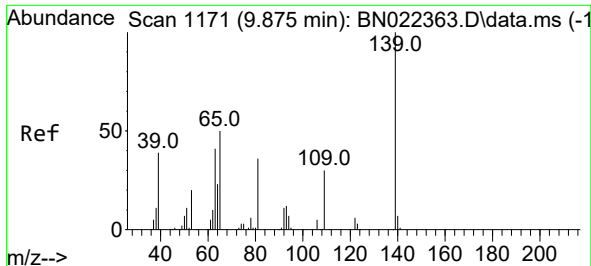
Tgt Ion: 77 Resp: 414093
Ion Ratio Lower Upper
77 100
123 44.5 34.9 52.3
65 12.9 10.2 15.2



#23
Isophorone
Concen: 28.648 ng/ul
RT: 9.693 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion: 82 Resp: 738874
Ion Ratio Lower Upper
82 100
95 6.4 5.4 8.0
138 17.3 13.8 20.8

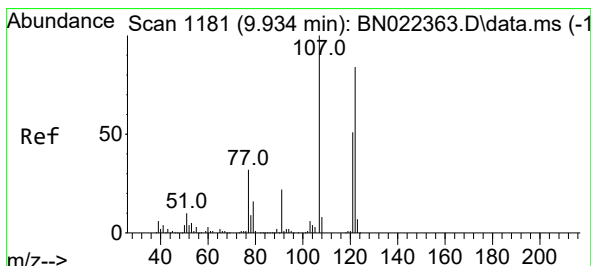
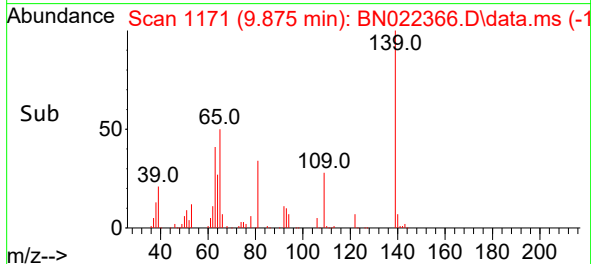
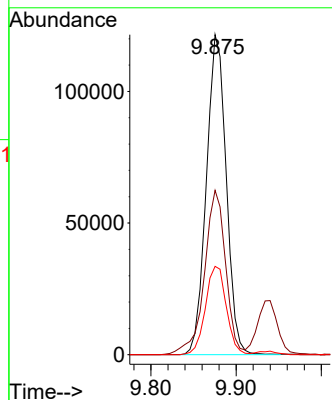
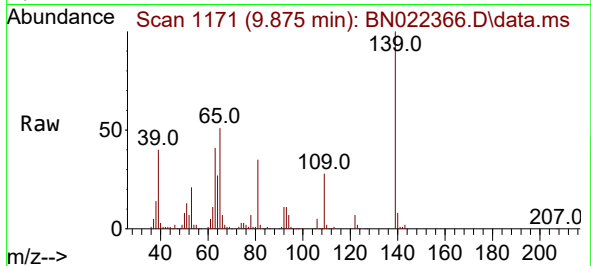




#25
2-Nitrophenol
Concen: 32.908 ng/ul
RT: 9.875 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

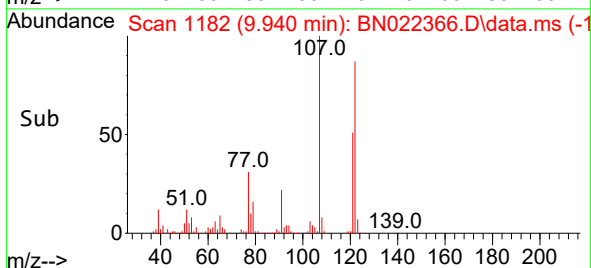
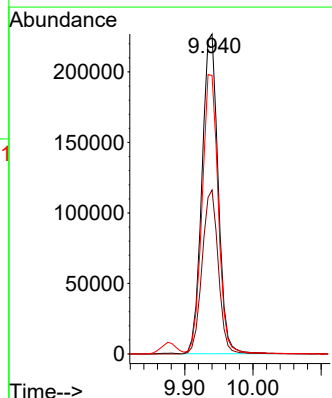
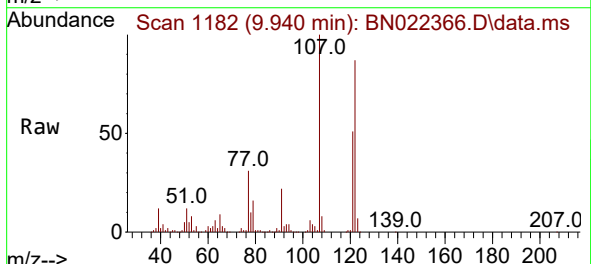
Instrument :
BNA_N
ClientSampleId :

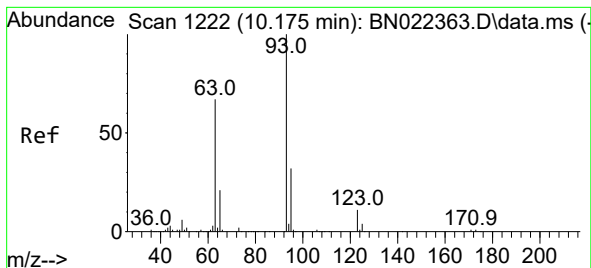
Tgt Ion:139 Resp: 196934
Ion Ratio Lower Upper
139 100
65 51.3 42.7 64.1
109 27.6 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 29.702 ng/ul
RT: 9.940 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion:107 Resp: 374760
Ion Ratio Lower Upper
107 100
121 51.2 41.0 61.6
122 87.0 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 29.027 ng/ul

RT: 10.175 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :

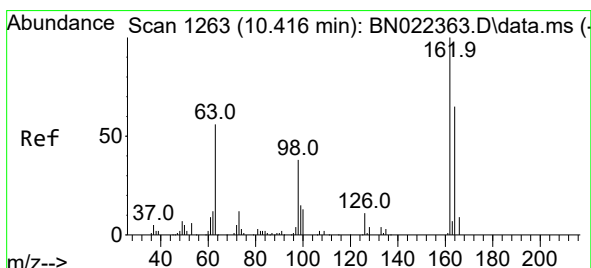
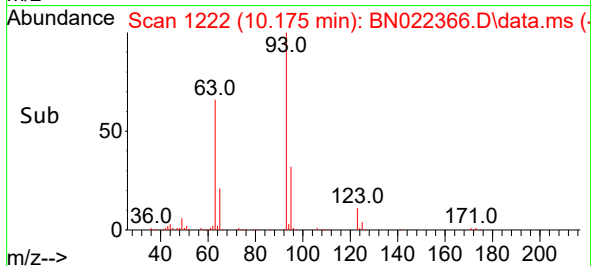
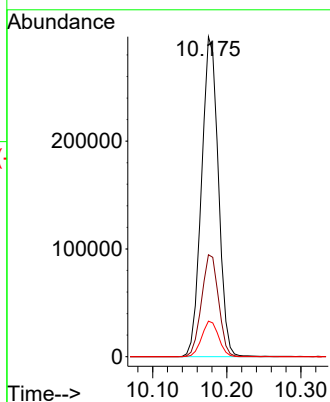
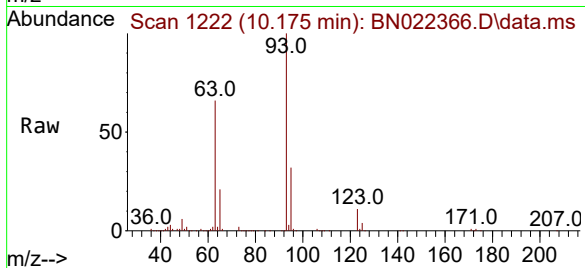
Tgt Ion: 93 Resp: 468146

Ion Ratio Lower Upper

93 100

95 31.8 25.2 37.8

123 11.1 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 30.438 ng/ul

RT: 10.410 min Scan# 1262

Delta R.T. -0.005 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

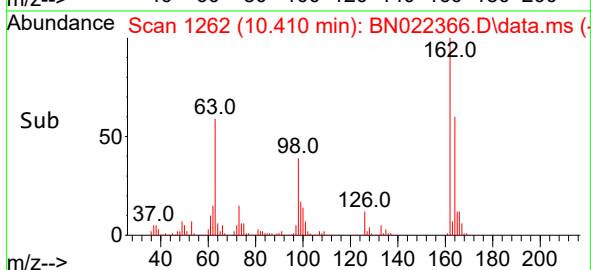
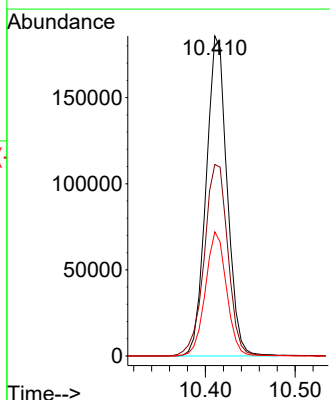
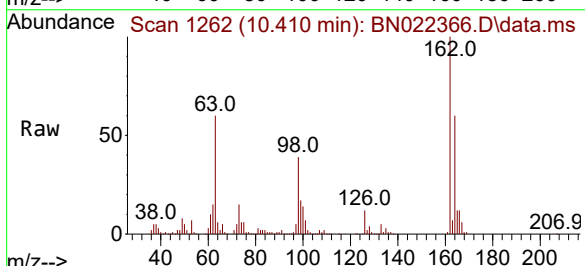
Tgt Ion:162 Resp: 302150

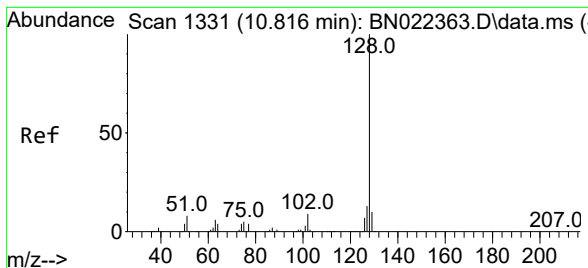
Ion Ratio Lower Upper

162 100

164 59.8 52.9 79.3

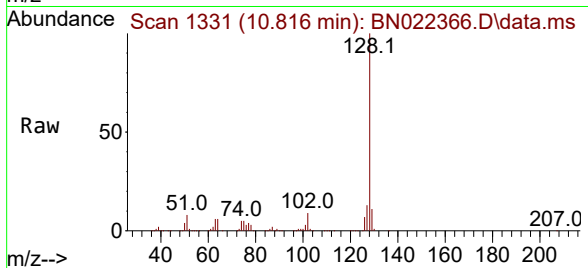
98 38.8 30.5 45.7



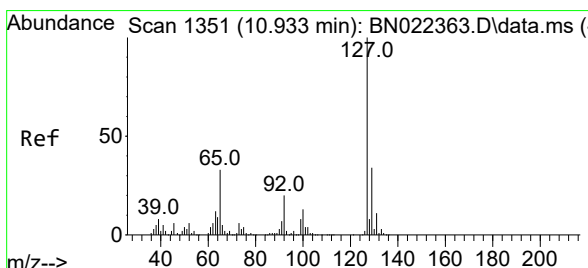
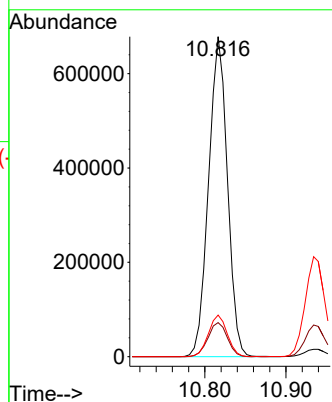
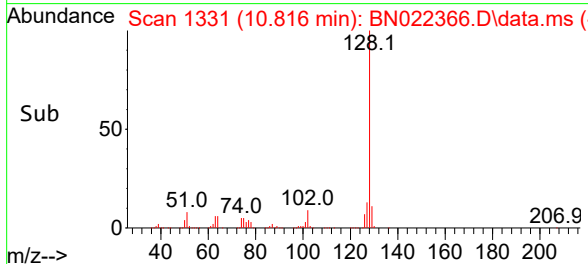


#30
Naphthalene
Concen: 30.218 ng/ul
RT: 10.816 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Instrument :
BNA_N
ClientSampleId :

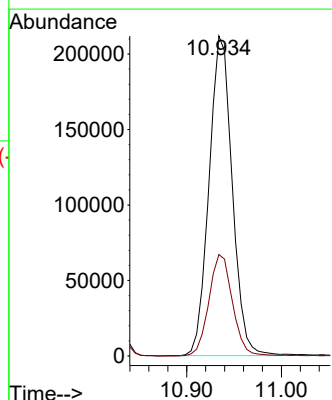
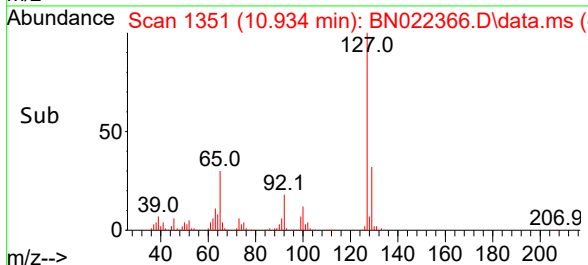
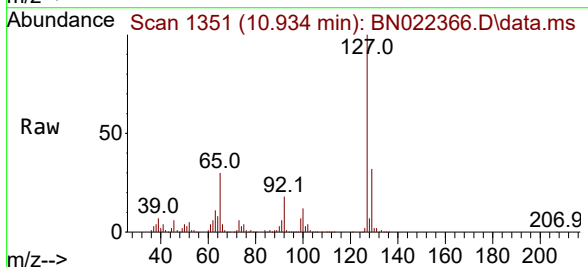


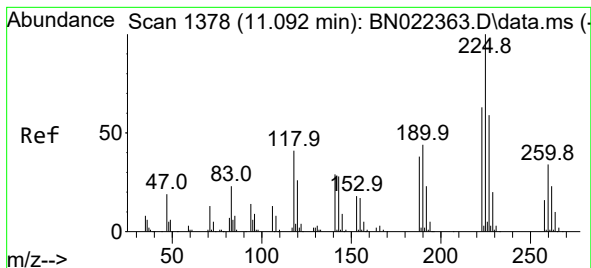
Tgt Ion:128 Resp: 1092180
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.0 10.8 16.2



#32
4-Chloroaniline
Concen: 22.328 ng/ul
RT: 10.934 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion:127 Resp: 360190
Ion Ratio Lower Upper
127 100
129 31.7 26.2 39.4





#33

Hexachlorobutadiene

Concen: 32.700 ng/ul

RT: 11.093 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :

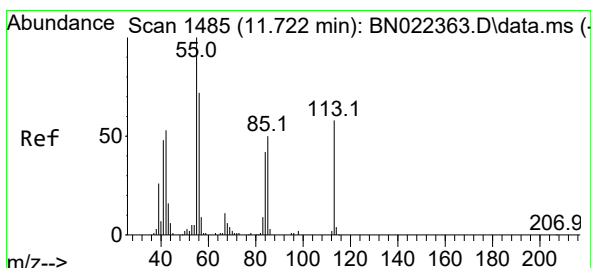
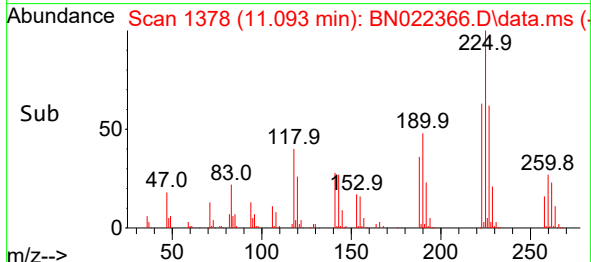
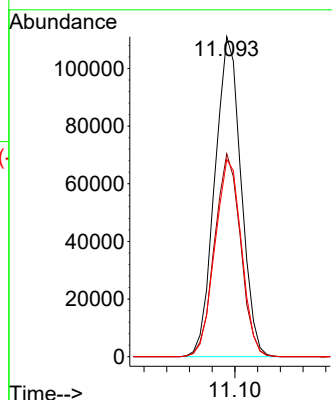
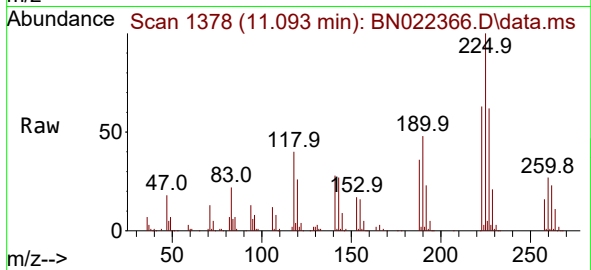
Tgt Ion:225 Resp: 178111

Ion Ratio Lower Upper

225 100

223 63.4 47.7 71.5

227 61.6 51.4 77.0



#34

Caprolactam

Concen: 15.371 ng/ul

RT: 11.728 min Scan# 1486

Delta R.T. 0.006 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

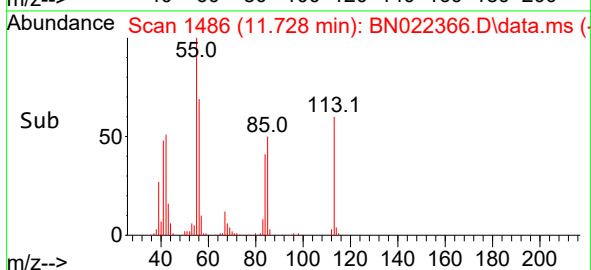
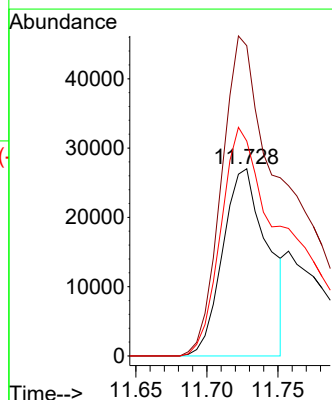
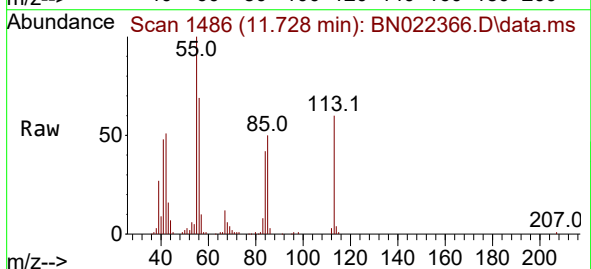
Tgt Ion:113 Resp: 59285

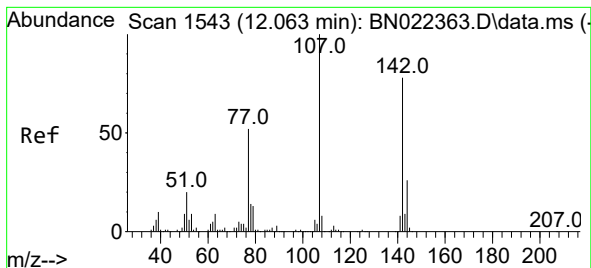
Ion Ratio Lower Upper

113 100

55 165.7 138.7 208.1

56 114.8 101.4 152.0

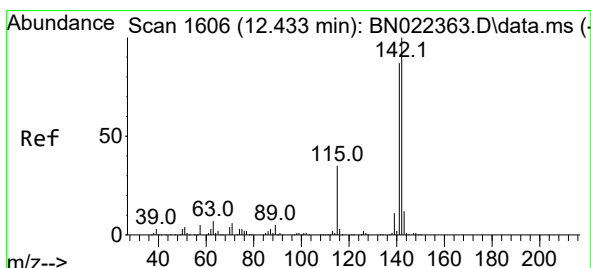
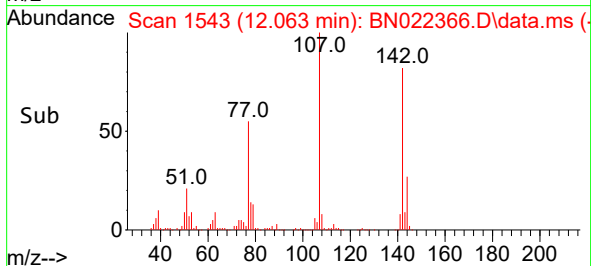
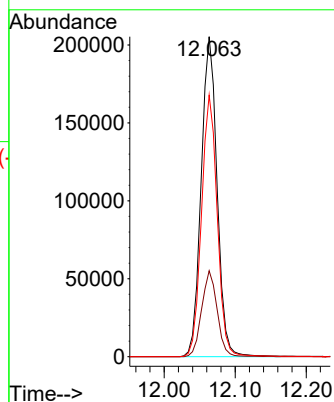
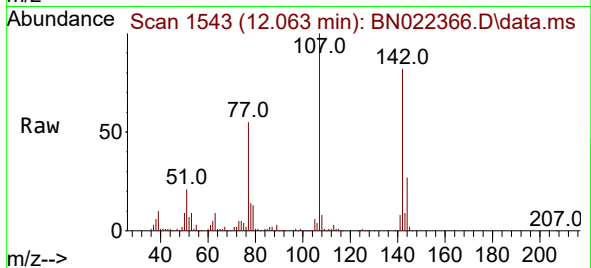




#35
4-Chloro-3-methylphenol
Concen: 26.779 ng/ul
RT: 12.063 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

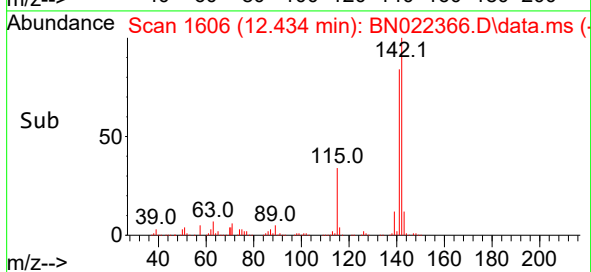
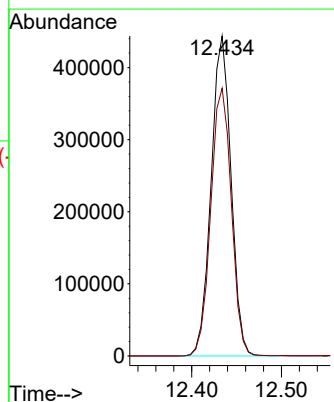
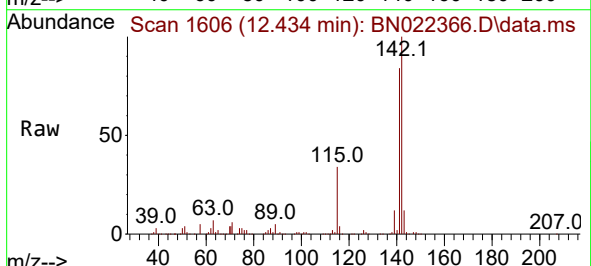
Instrument :
BNA_N
ClientSampleId :

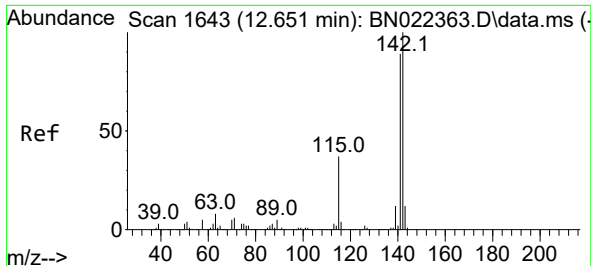
Tgt Ion:107 Resp: 320483
Ion Ratio Lower Upper
107 100
144 26.9 20.3 30.5
142 81.8 64.4 96.6



#36
2-Methylnaphthalene
Concen: 27.408 ng/ul
RT: 12.434 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion:142 Resp: 684107
Ion Ratio Lower Upper
142 100
141 83.6 69.7 104.5





#37

1-Methylnaphthalene

Concen: 27.299 ng/ul

RT: 12.652 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :

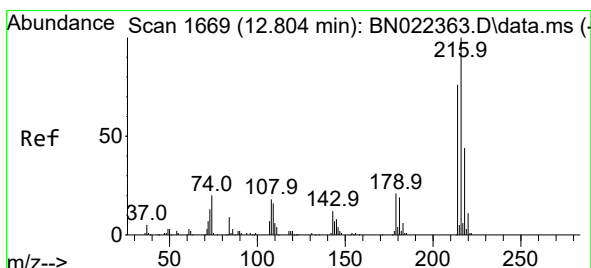
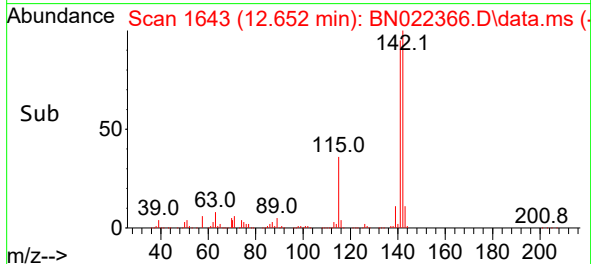
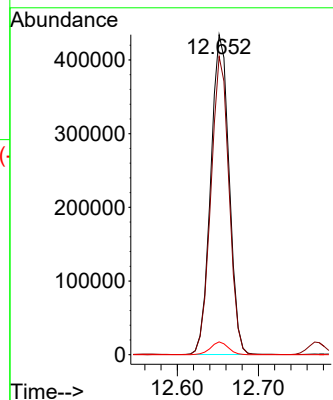
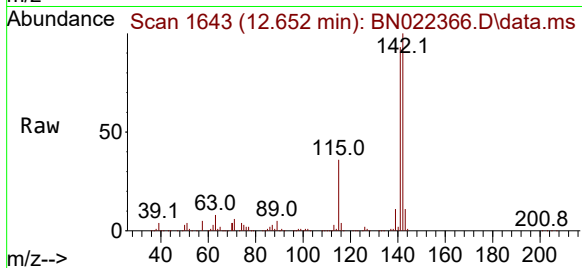
Tgt Ion:142 Resp: 682350

Ion Ratio Lower Upper

142 100

141 93.2 76.7 115.1

116 4.0 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.999 ng/ul

RT: 12.799 min Scan# 1668

Delta R.T. -0.005 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Tgt Ion:216 Resp: 317855

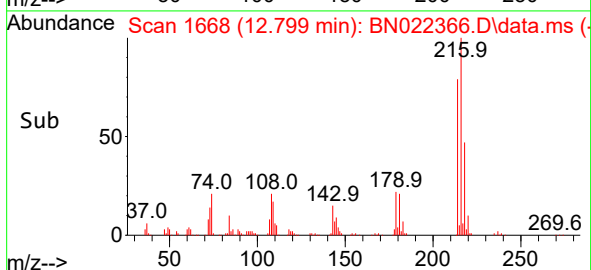
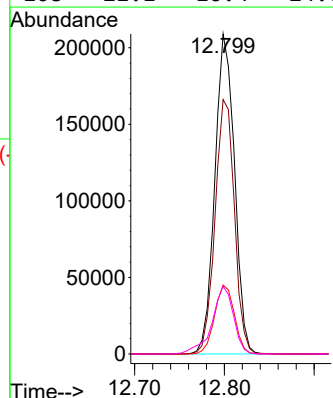
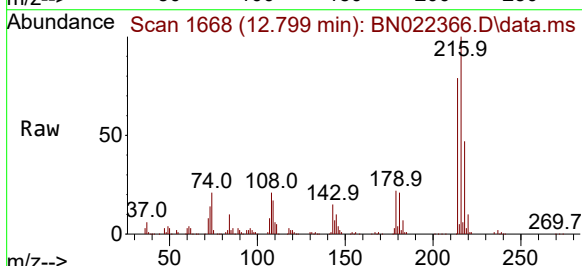
Ion Ratio Lower Upper

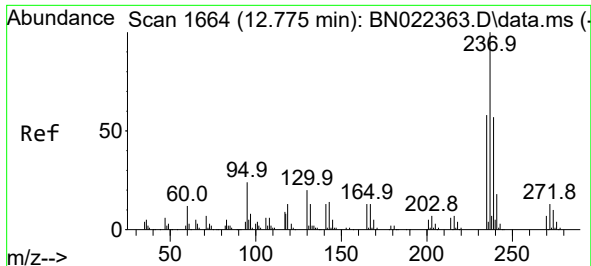
216 100

214 79.5 65.4 98.2

179 21.6 17.4 26.0

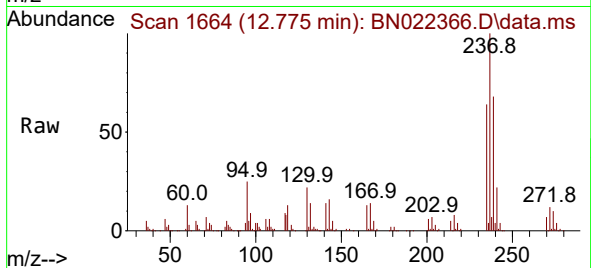
108 21.1 16.4 24.6



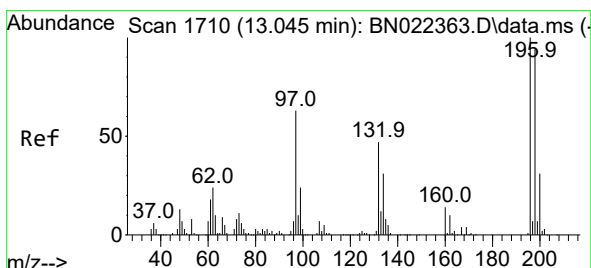
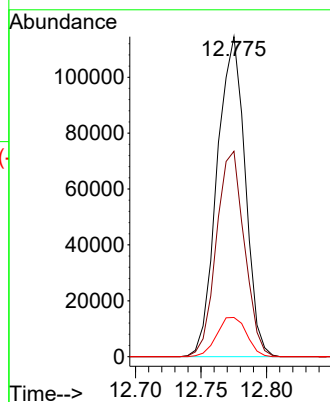
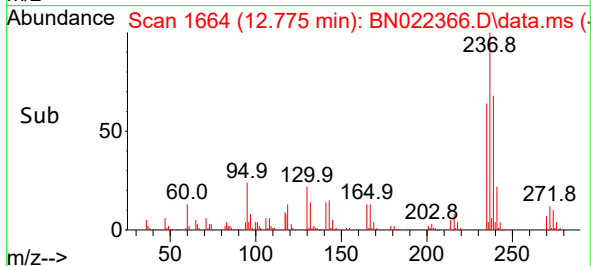


#40
Hexachlorocyclopentadiene
Concen: 33.577 ng/ul
RT: 12.775 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

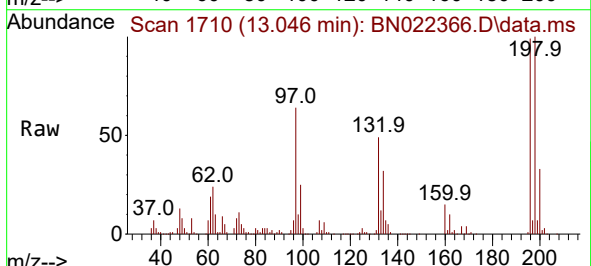
Instrument :
BNA_N
ClientSampleId :



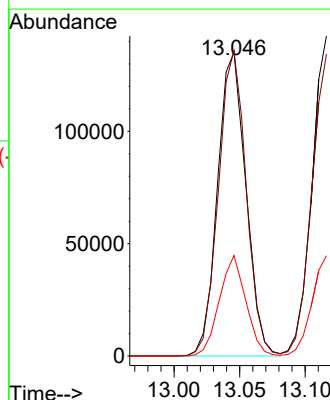
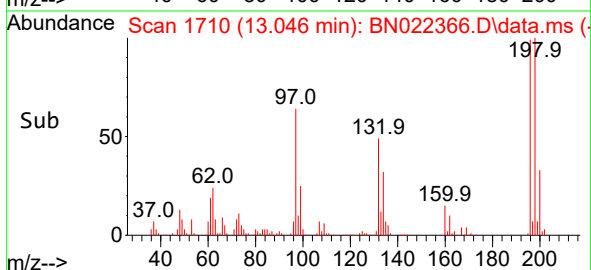
Tgt Ion:237 Resp: 170475
Ion Ratio Lower Upper
237 100
235 64.2 43.4 65.0
272 12.3 10.2 15.2

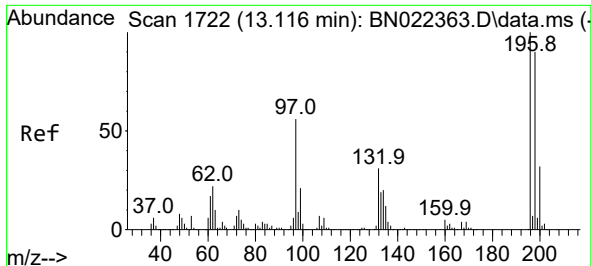


#41
2,4,6-Trichlorophenol
Concen: 32.838 ng/ul
RT: 13.046 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03



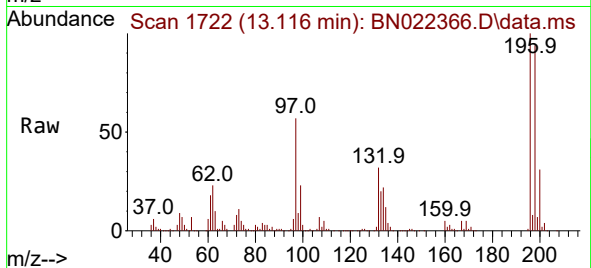
Tgt Ion:196 Resp: 203353
Ion Ratio Lower Upper
196 100
198 100.5 73.4 110.2
200 33.1 24.3 36.5



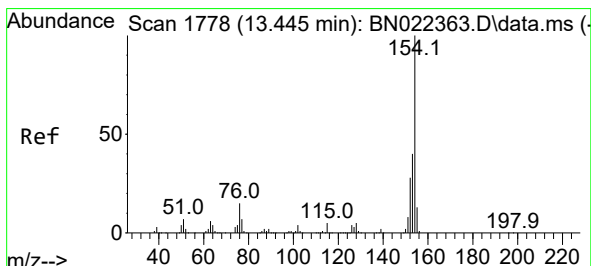
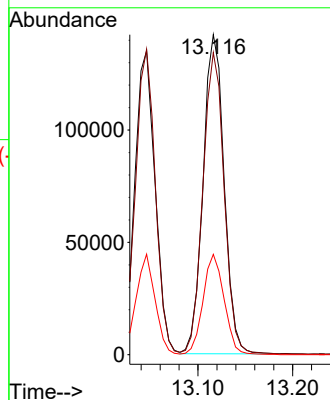
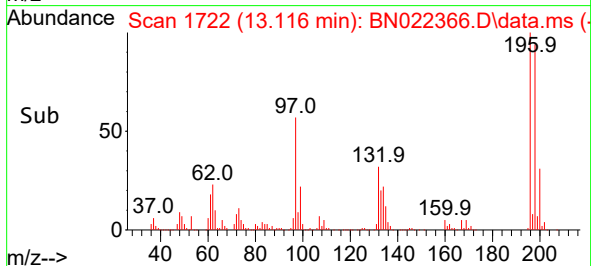


#42
2,4,5-Trichlorophenol
Concen: 31.820 ng/ul
RT: 13.116 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Instrument :
BNA_N
ClientSampleId :

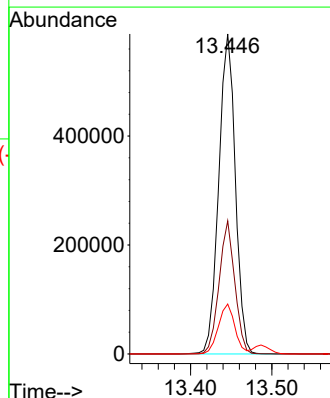
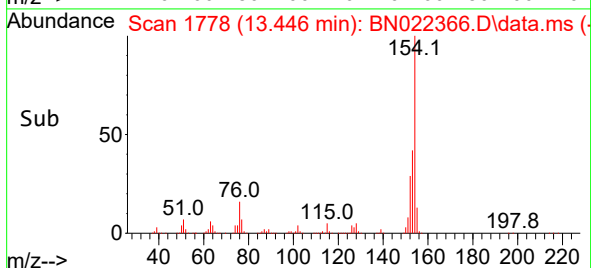
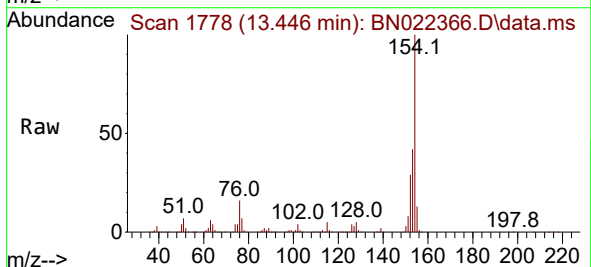


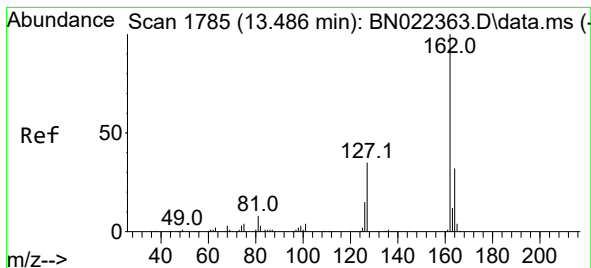
Tgt Ion:196 Resp: 219443
Ion Ratio Lower Upper
196 100
198 94.4 77.0 115.6
200 31.4 24.7 37.1



#43
1,1'-Biphenyl
Concen: 32.689 ng/ul
RT: 13.446 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion:154 Resp: 835449
Ion Ratio Lower Upper
154 100
153 41.6 30.9 46.3
76 15.6 11.6 17.4





#44

2-Chloronaphthalene

Concen: 32.709 ng/ul

RT: 13.487 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :

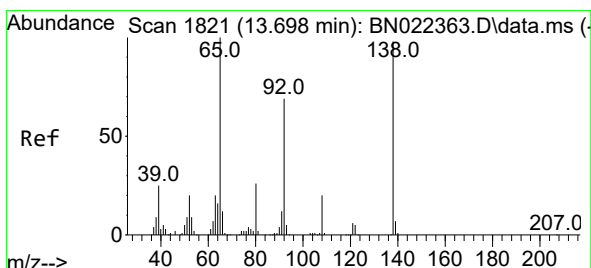
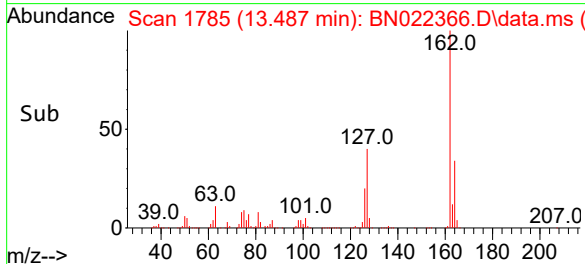
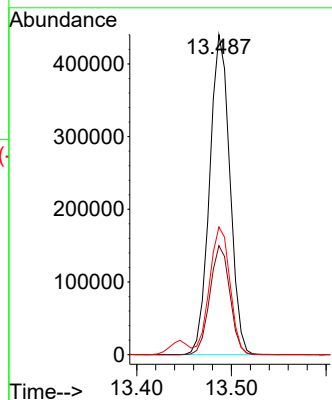
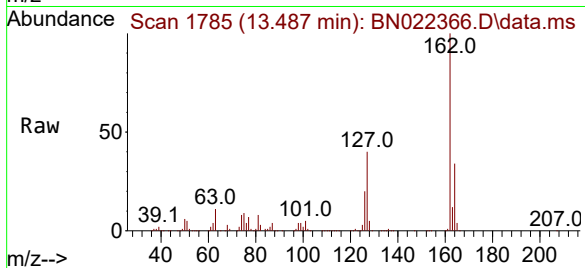
Tgt Ion:162 Resp: 653174

Ion Ratio Lower Upper

162 100

164 34.1 23.7 35.5

127 39.9 30.8 46.2



#45

2-Nitroaniline

Concen: 32.659 ng/ul

RT: 13.699 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

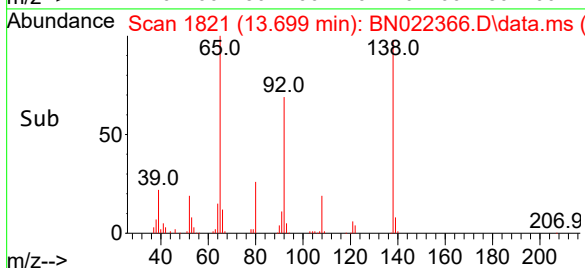
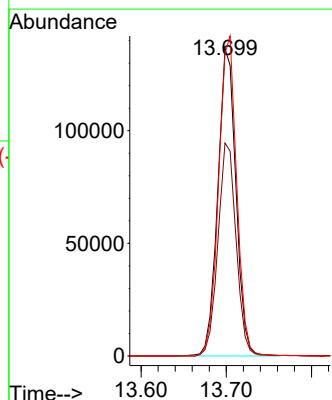
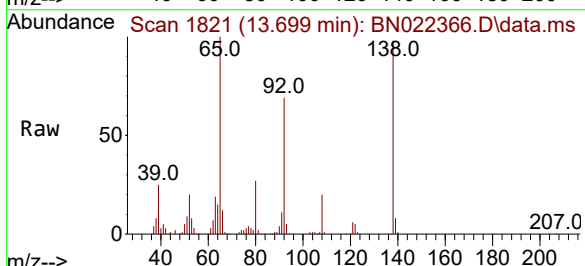
Tgt Ion: 65 Resp: 202040

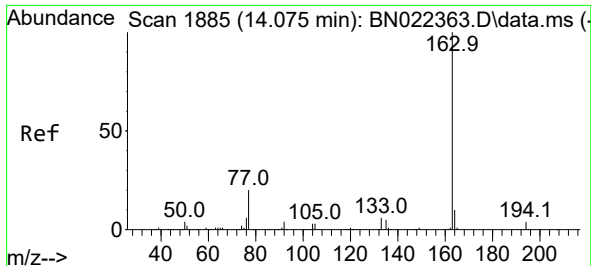
Ion Ratio Lower Upper

65 100

92 69.3 56.2 84.2

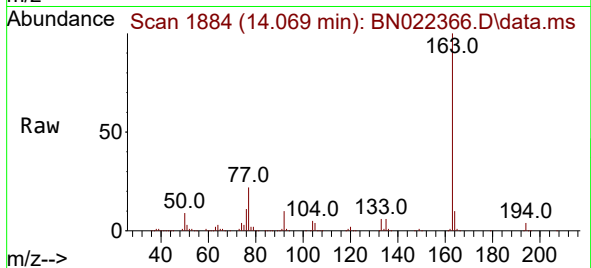
138 98.5 85.0 127.6



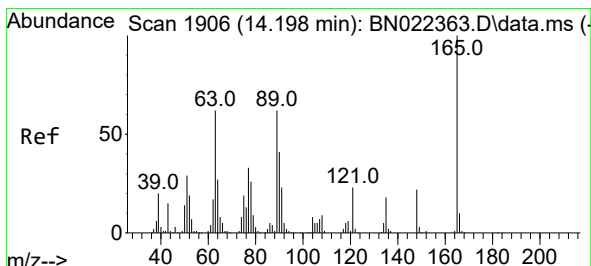
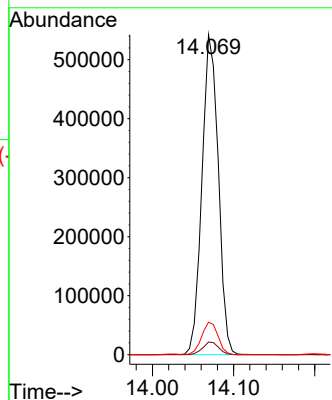
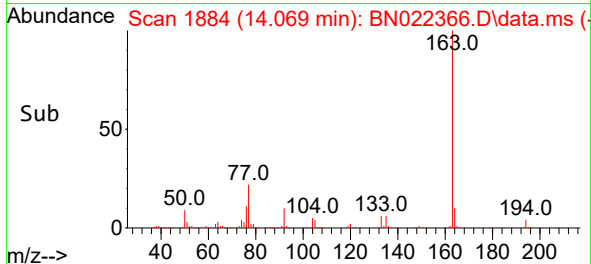


#47
Dimethylphthalate
Concen: 28.845 ng/ul
RT: 14.069 min Scan# 1884
Delta R.T. -0.005 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Instrument :
BNA_N
ClientSampleId :

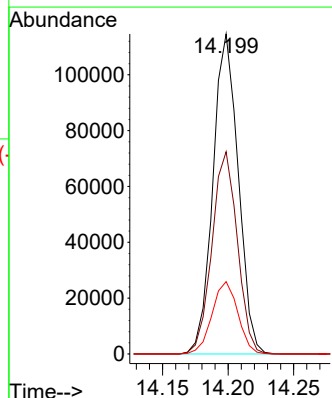
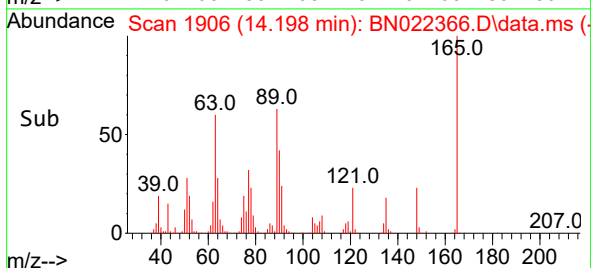
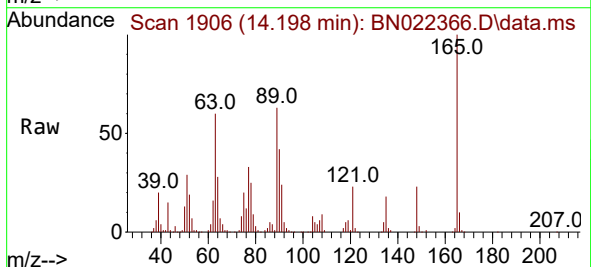


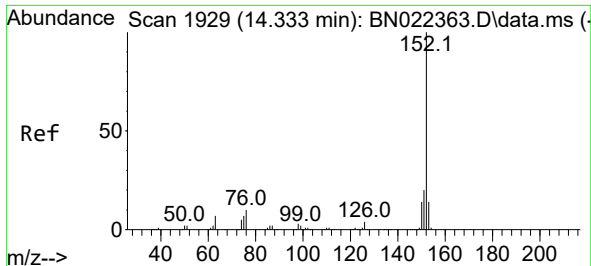
Tgt Ion:163 Resp: 756673
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 31.283 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion:165 Resp: 153715
Ion Ratio Lower Upper
165 100
89 63.2 52.1 78.1
121 22.6 19.0 28.4

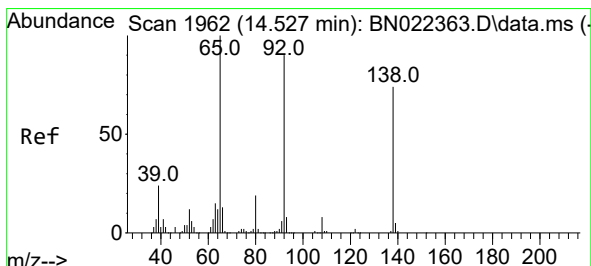
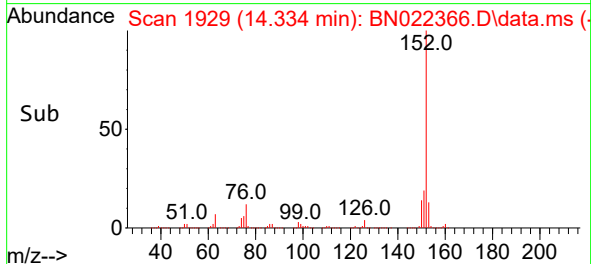
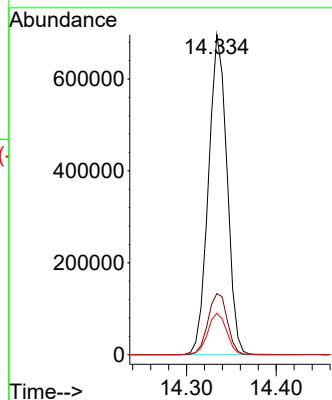
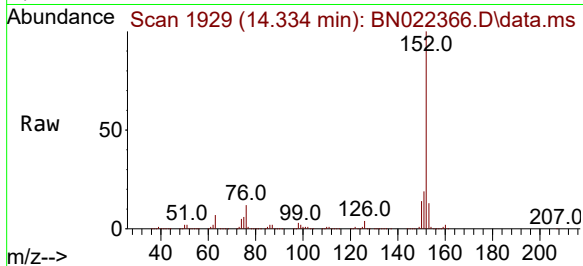




#50
Acenaphthylene
Concen: 32.088 ng/ul
RT: 14.334 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

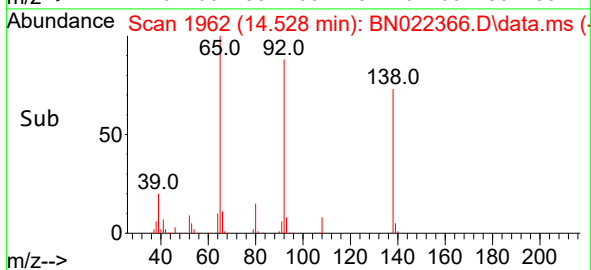
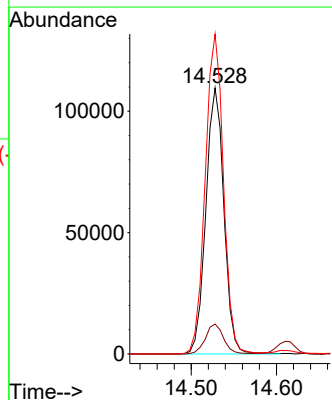
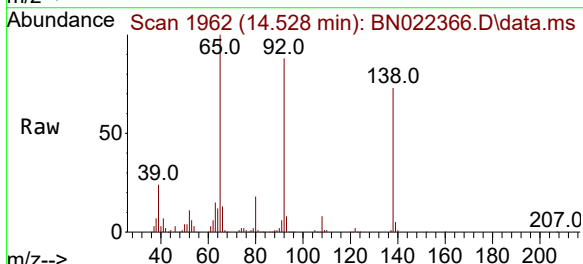
Instrument :
BNA_N
ClientSampleId :

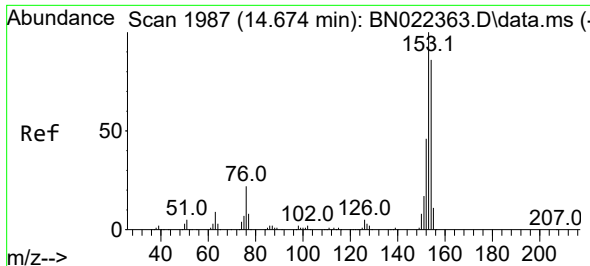
Tgt Ion:152 Resp: 998649
Ion Ratio Lower Upper
152 100
151 19.1 15.5 23.3
153 12.9 9.8 14.8



#51
3-Nitroaniline
Concen: 27.759 ng/ul
RT: 14.528 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

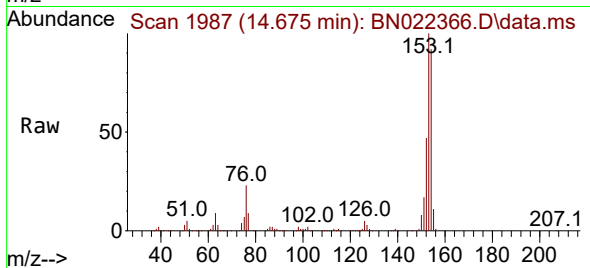
Tgt Ion:138 Resp: 161049
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.6
92 120.3 96.4 144.6



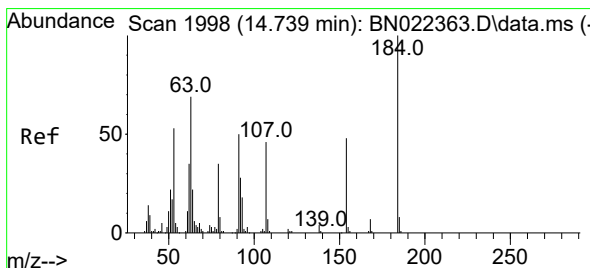
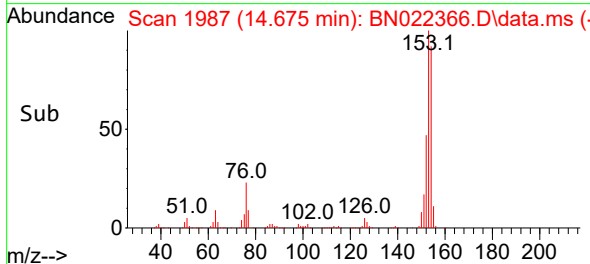
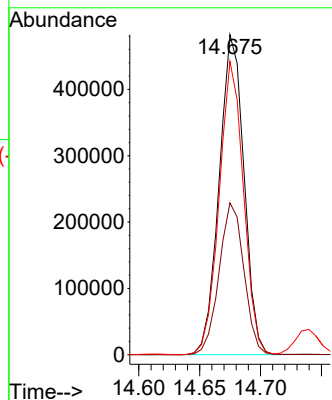


#52
Acenaphthene
Concen: 31.022 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Instrument :
BNA_N
ClientSampleId :

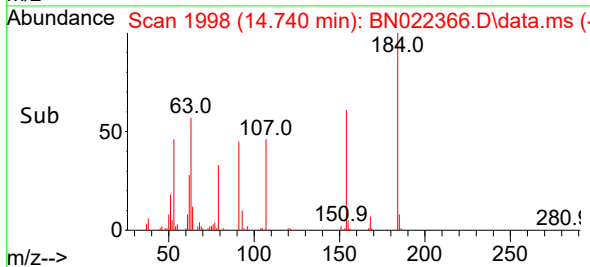
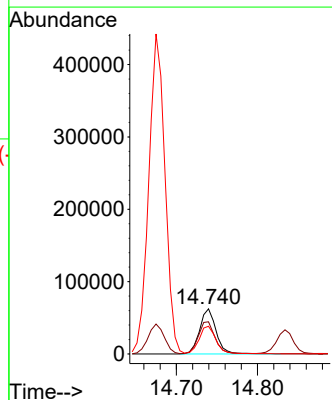
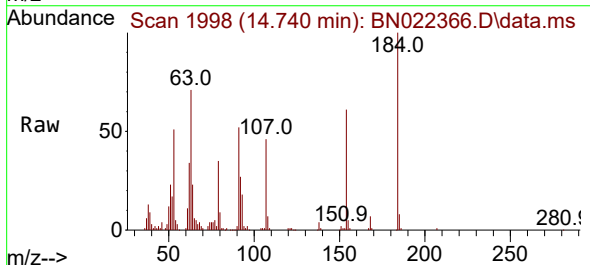


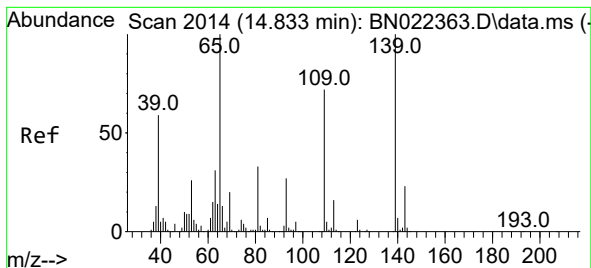
Tgt Ion:153 Resp: 684653
Ion Ratio Lower Upper
153 100
152 47.4 38.0 57.0
154 91.7 71.1 106.7



#53
2,4-Dinitrophenol
Concen: 26.382 ng/ul
RT: 14.740 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion:184 Resp: 87814
Ion Ratio Lower Upper
184 100
63 71.5 56.8 85.2
154 61.3 49.0 73.6





#55

4-Nitrophenol

Concen: 26.109 ng/ul

RT: 14.834 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :

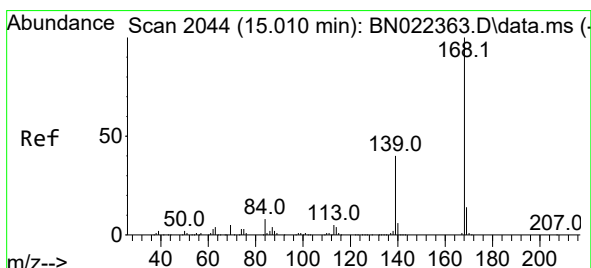
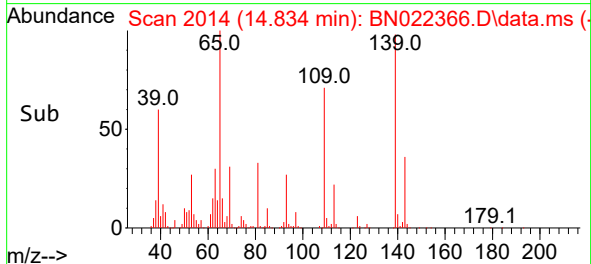
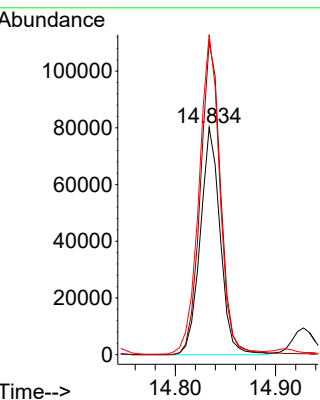
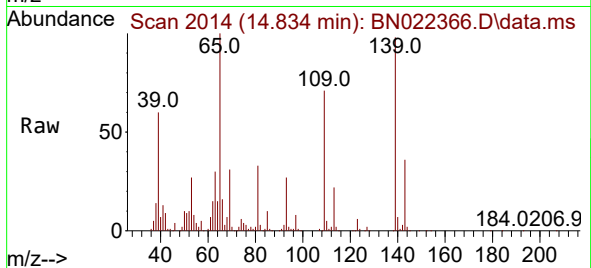
Tgt Ion:109 Resp: 110274

Ion Ratio Lower Upper

109 100

139 137.6 108.3 162.5

65 140.8 107.9 161.9



#56

Dibenzofuran

Concen: 30.196 ng/ul

RT: 15.010 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BN022366.D

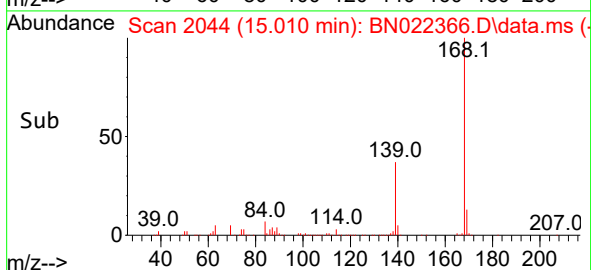
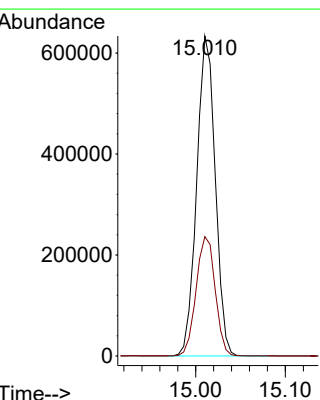
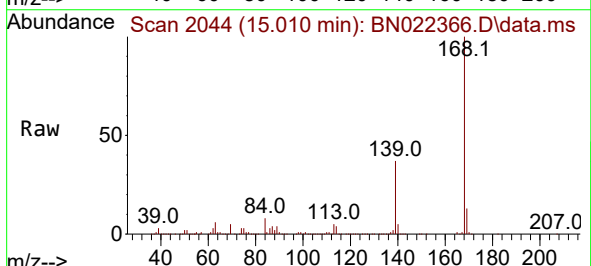
Acq: 27 Oct 2022 18:03

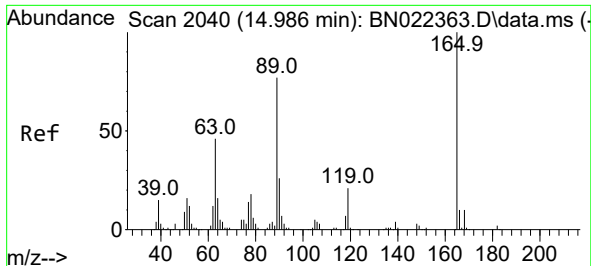
Tgt Ion:168 Resp: 909381

Ion Ratio Lower Upper

168 100

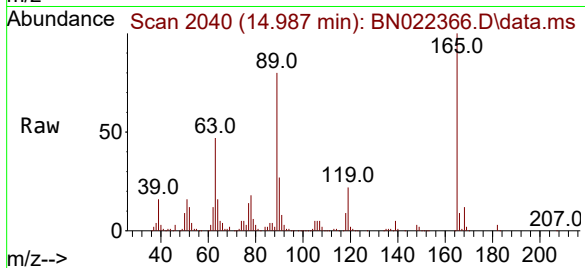
139 37.3 30.6 45.8



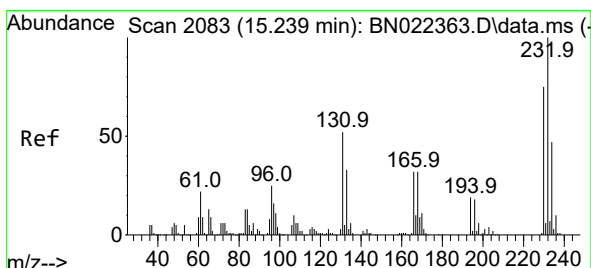
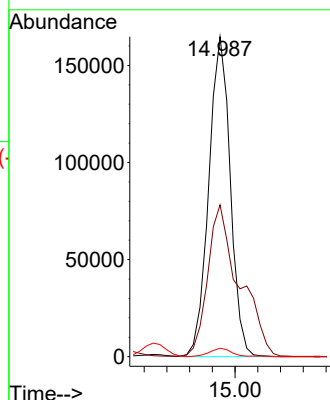
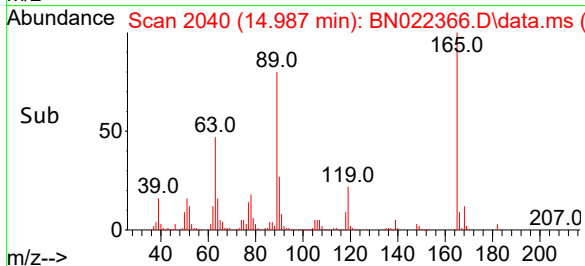


#57
2,4-Dinitrotoluene
Concen: 30.141 ng/ul
RT: 14.987 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Instrument :
BNA_N
ClientSampleId :

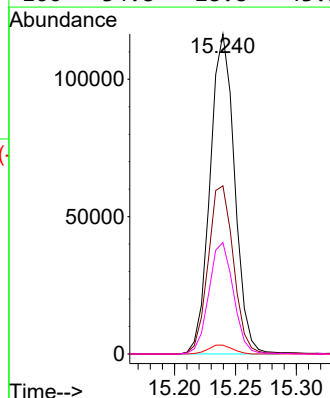
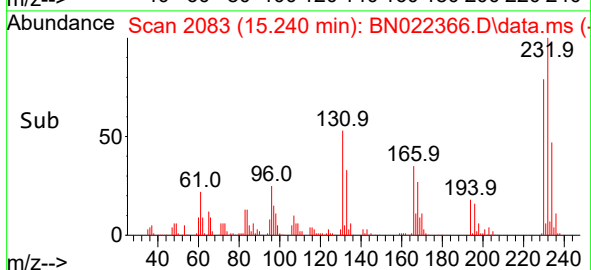
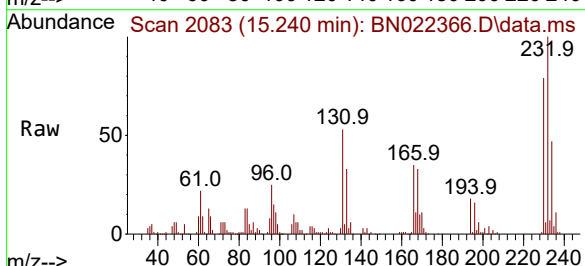


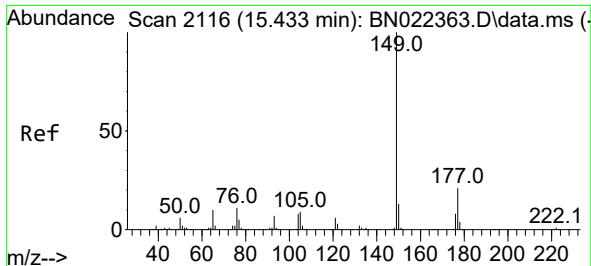
Tgt Ion:165 Resp: 216965
Ion Ratio Lower Upper
165 100
63 47.4 36.2 54.4
182 2.6 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.473 ng/ul
RT: 15.240 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

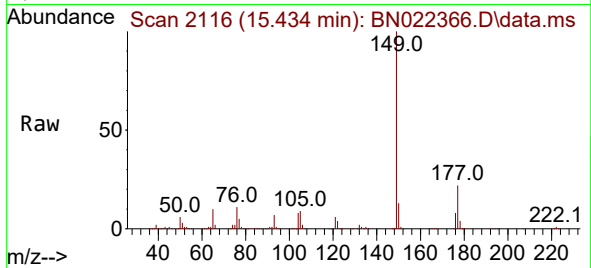
Tgt Ion:232 Resp: 163415
Ion Ratio Lower Upper
232 100
131 52.6 44.4 66.6
130 2.7 2.2 3.4
166 34.8 28.8 43.2



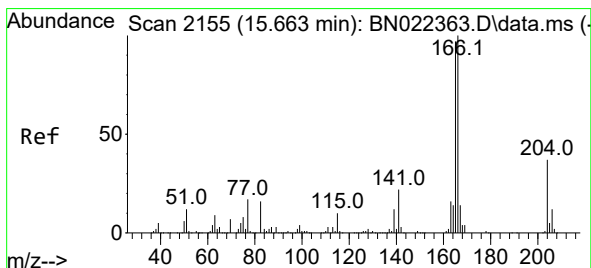
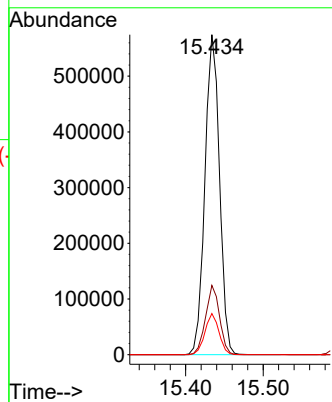
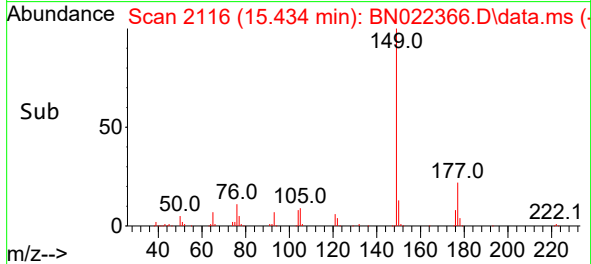


#59
Diethylphthalate
Concen: 28.131 ng/ul
RT: 15.434 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Instrument :
BNA_N
ClientSampleId :

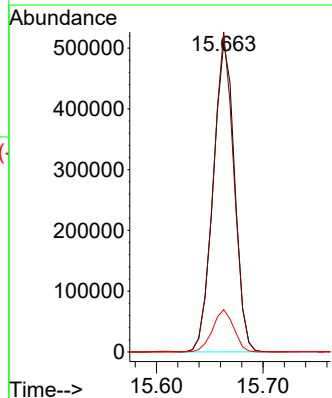
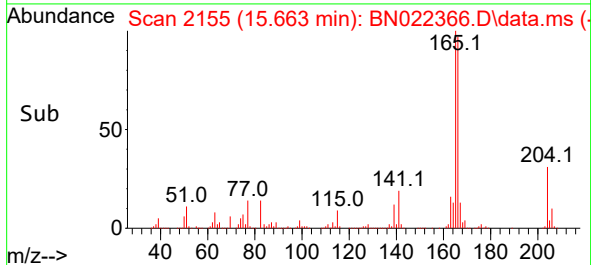
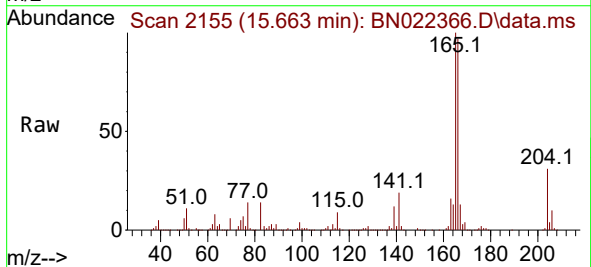


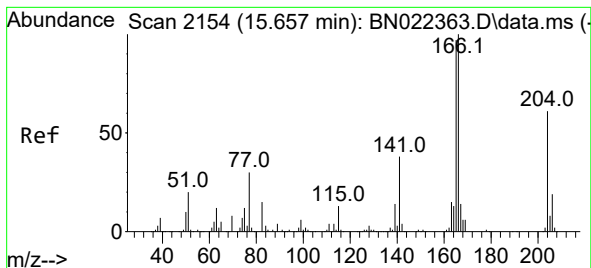
Tgt Ion:149 Resp: 749539
Ion Ratio Lower Upper
149 100
177 21.6 17.5 26.3
150 12.9 9.8 14.8



#61
Fluorene
Concen: 29.323 ng/ul
RT: 15.663 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion:166 Resp: 709930
Ion Ratio Lower Upper
166 100
165 103.5 72.8 109.2
167 13.7 10.6 16.0

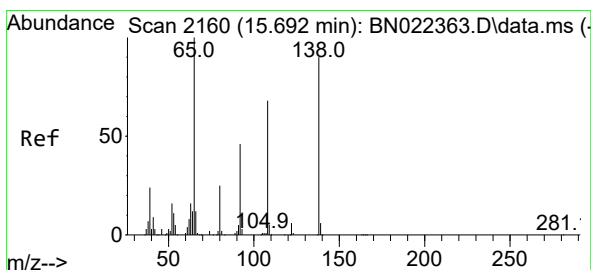
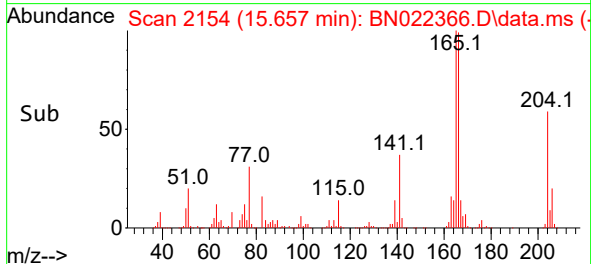
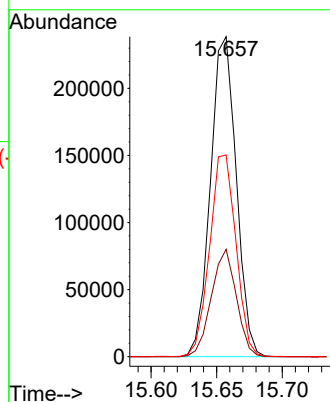
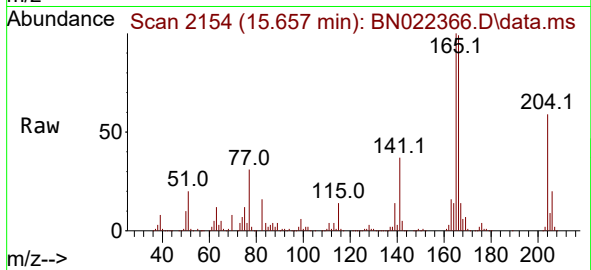




#62
4-Chlorophenyl-phenylether
Concen: 28.795 ng/ul
RT: 15.657 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

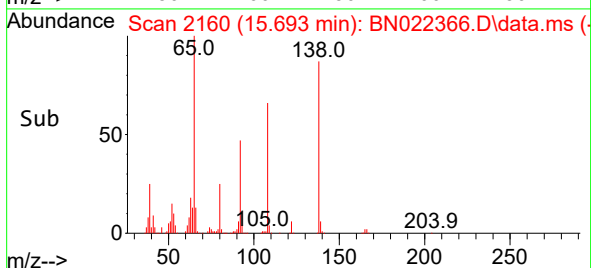
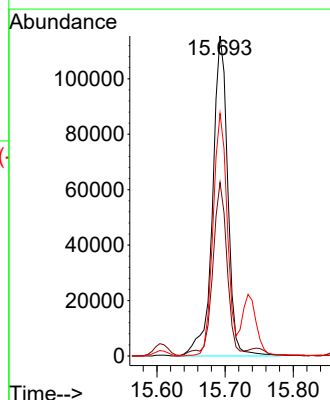
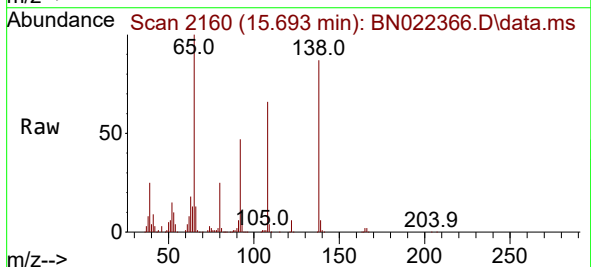
Instrument :
BNA_N
ClientSampleId :

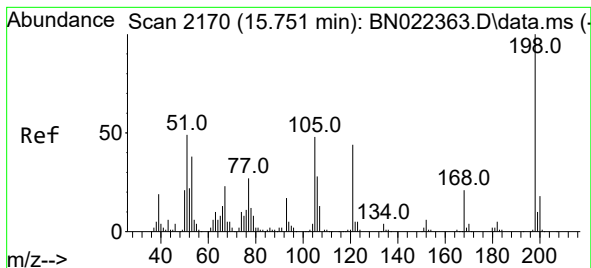
Tgt Ion:204 Resp: 326659
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 63.1 52.0 78.0



#63
4-Nitroaniline
Concen: 33.064 ng/ul
RT: 15.693 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion:138 Resp: 178990
Ion Ratio Lower Upper
138 100
92 54.2 41.8 62.8
108 75.8 60.4 90.6

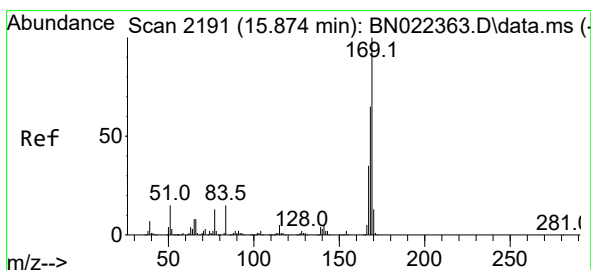
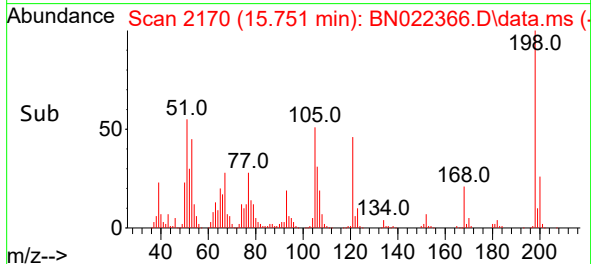
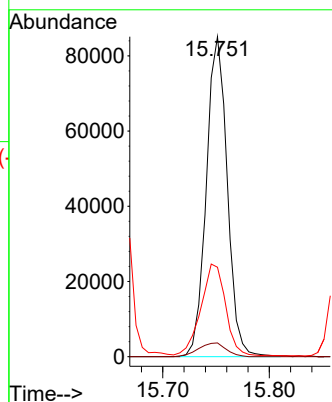
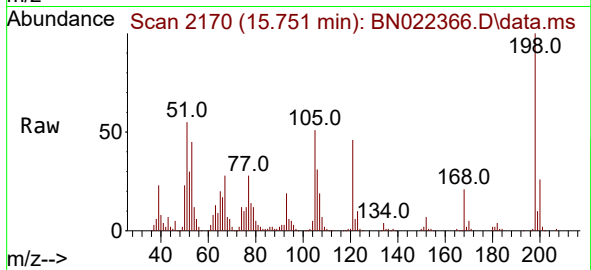




#66
 4,6-Dinitro-2-methylphenol
 Concen: 30.924 ng/ul
 RT: 15.751 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: BN022366.D
 Acq: 27 Oct 2022 18:03

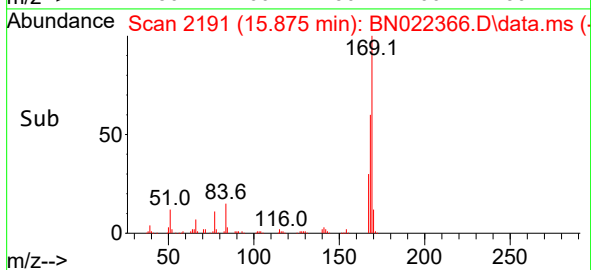
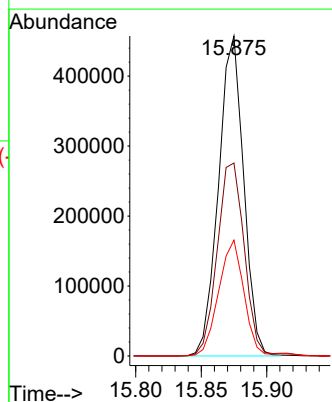
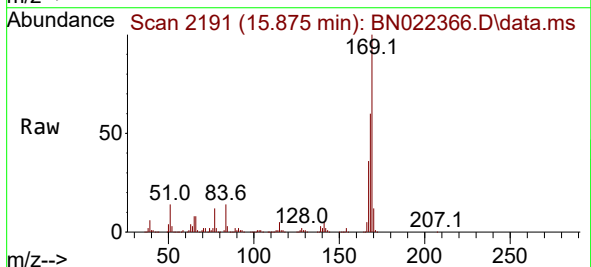
Instrument :
 BNA_N
 ClientSampleId :

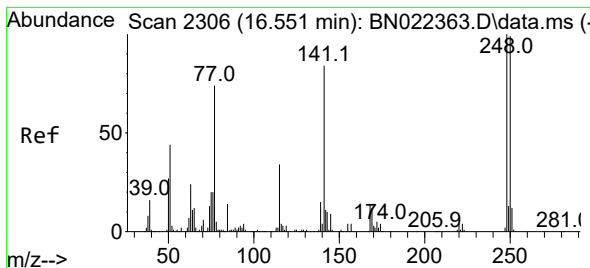
Tgt Ion:198 Resp: 116322
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.8 5.8
 77 27.9 24.4 36.6



#67
 N-Nitrosodiphenylamine
 Concen: 34.318 ng/ul
 RT: 15.875 min Scan# 2191
 Delta R.T. 0.000 min
 Lab File: BN022366.D
 Acq: 27 Oct 2022 18:03

Tgt Ion:169 Resp: 609521
 Ion Ratio Lower Upper
 169 100
 168 60.3 50.9 76.3
 167 36.2 28.2 42.4

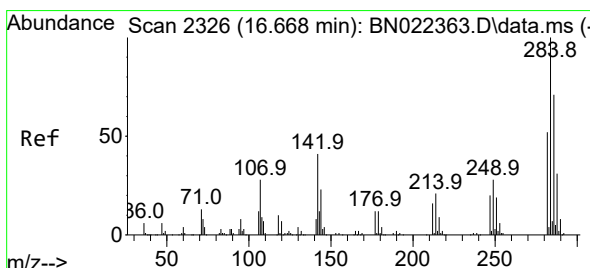
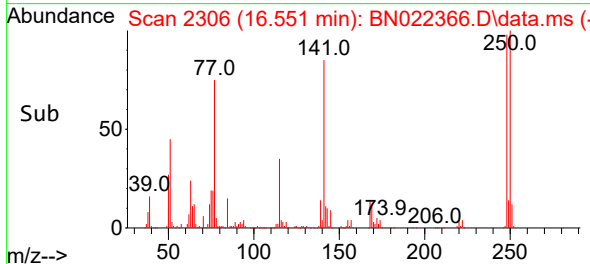
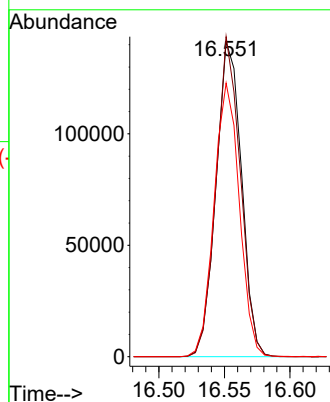
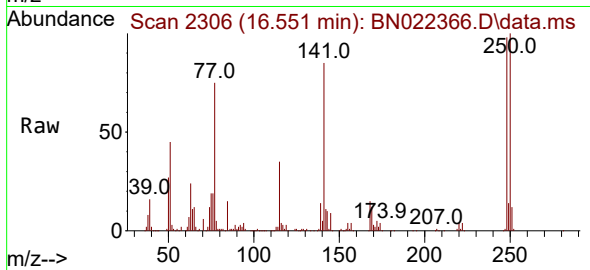




#68
4-Bromophenyl-phenylether
Concen: 35.220 ng/ul
RT: 16.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

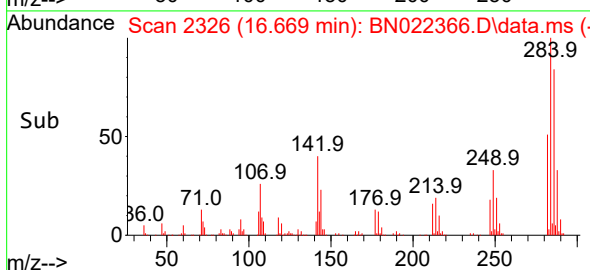
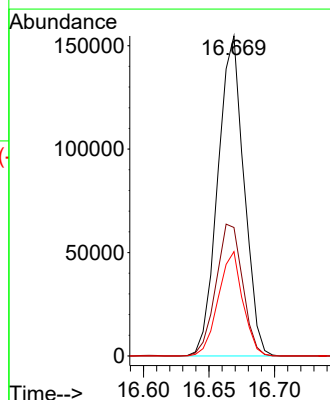
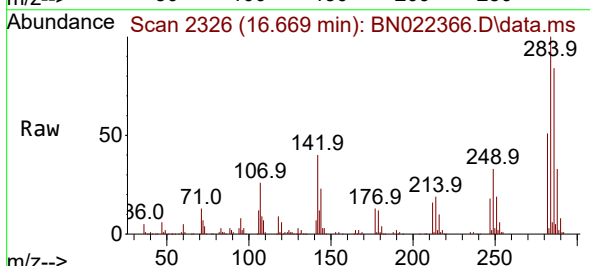
Instrument :
BNA_N
ClientSampleId :

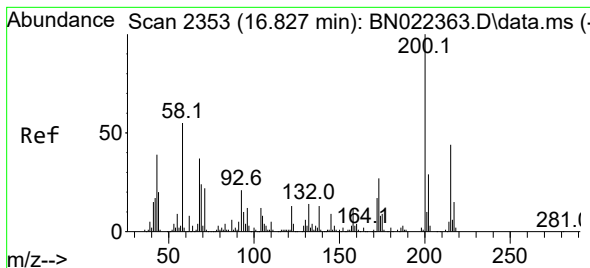
Tgt Ion:248 Resp: 191079
Ion Ratio Lower Upper
248 100
250 101.5 86.3 129.5
141 86.8 74.2 111.4



#69
Hexachlorobenzene
Concen: 32.465 ng/ul
RT: 16.669 min Scan# 2326
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

Tgt Ion:284 Resp: 214402
Ion Ratio Lower Upper
284 100
142 40.2 35.7 53.5
249 32.6 27.0 40.6





#70

Atrazine

Concen: 11.206 ng/ul

RT: 16.828 min Scan# 21

Delta R.T. 0.000 min

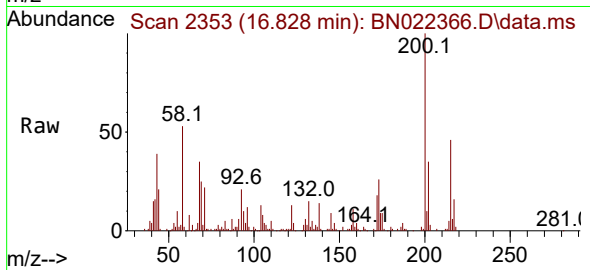
Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :



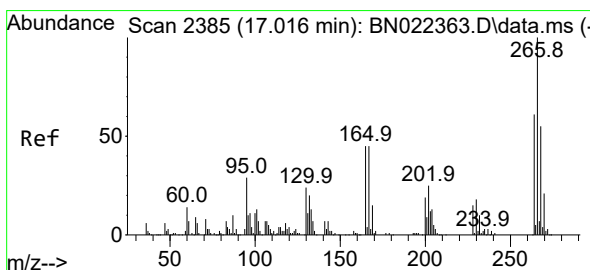
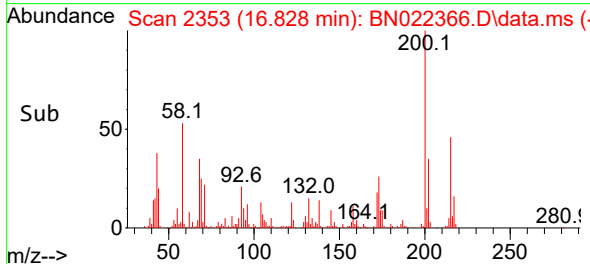
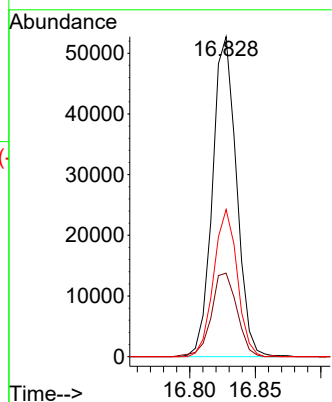
Tgt Ion:200 Resp: 67023

Ion Ratio Lower Upper

200 100

173 26.1 22.8 34.2

215 46.0 38.1 57.1



#71

Pentachlorophenol

Concen: 30.934 ng/ul

RT: 17.016 min Scan# 2385

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

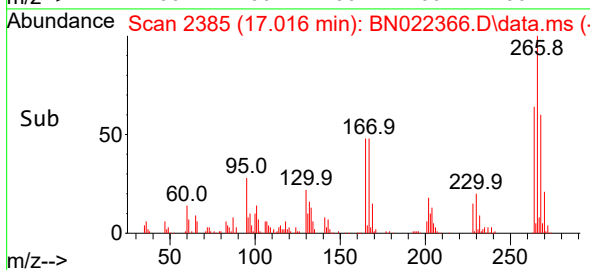
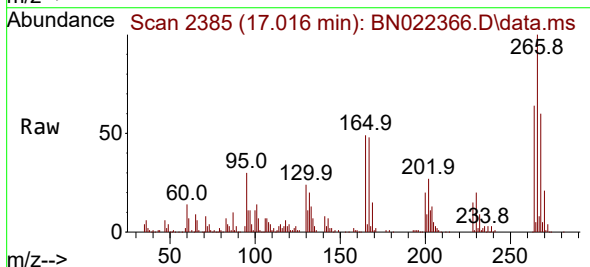
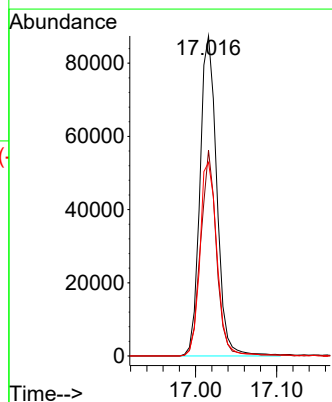
Tgt Ion:266 Resp: 126326

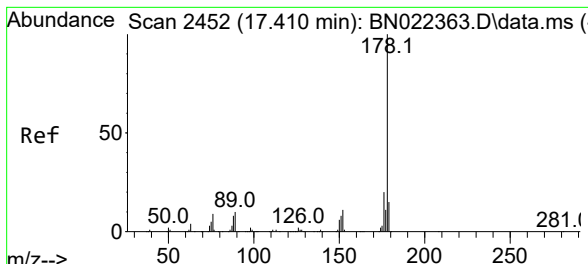
Ion Ratio Lower Upper

266 100

264 64.2 52.7 79.1

268 60.5 54.6 82.0



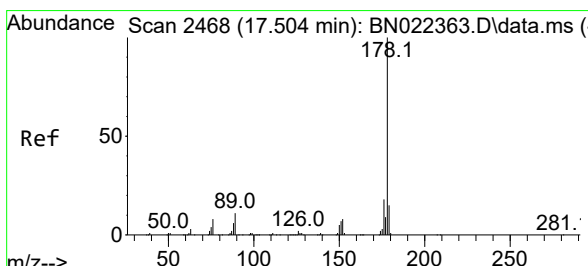
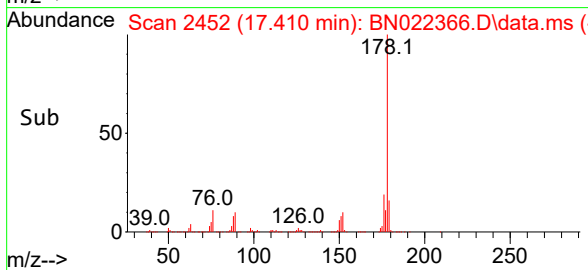
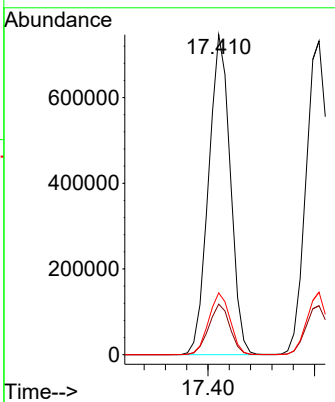
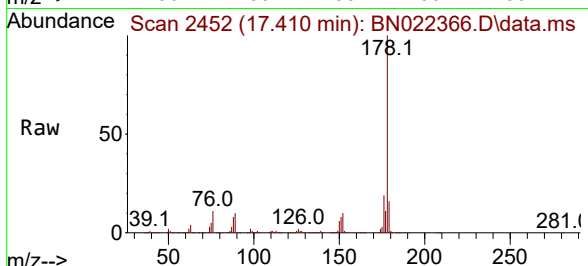


#72
 Phenanthrene
 Concen: 31.909 ng/u1
 RT: 17.410 min Scan# 2452
 Delta R.T. 0.000 min
 Lab File: BN022366.D
 Acq: 27 Oct 2022 18:03

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:178 Resp: 1057149

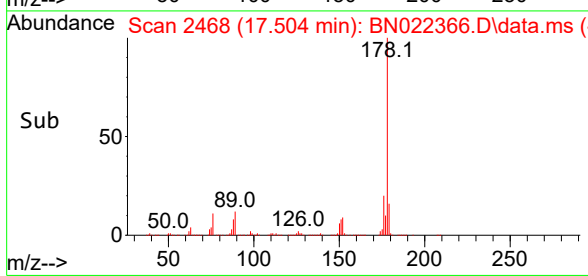
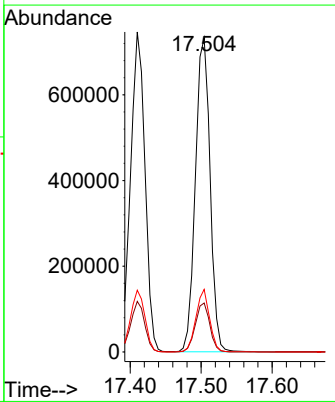
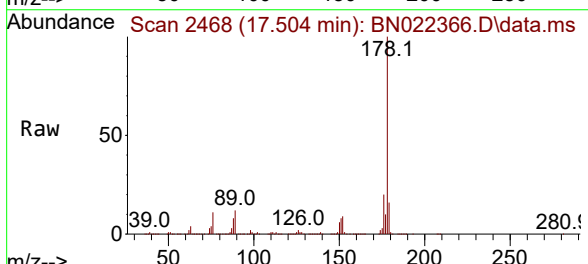
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.3	16.5	24.7

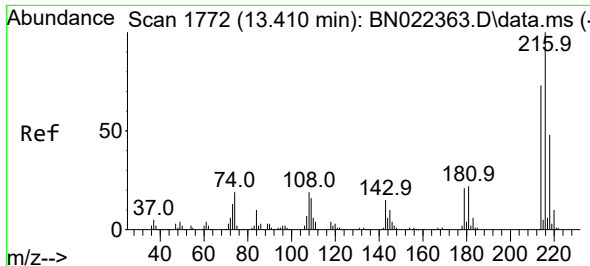


#74
 Anthracene
 Concen: 32.082 ng/u1
 RT: 17.504 min Scan# 2468
 Delta R.T. 0.000 min
 Lab File: BN022366.D
 Acq: 27 Oct 2022 18:03

Tgt Ion:178 Resp: 1055721

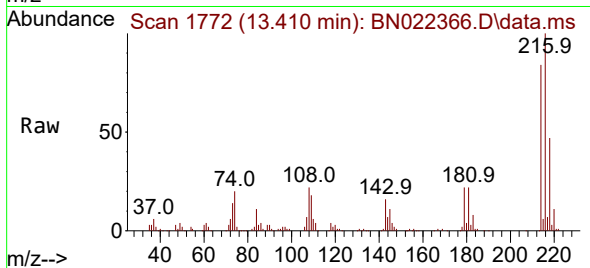
Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	20.0	15.8	23.6



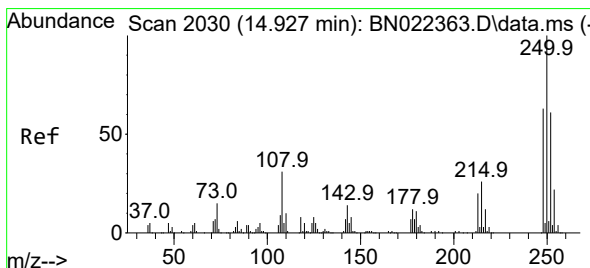
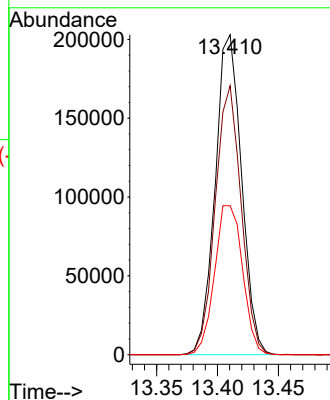
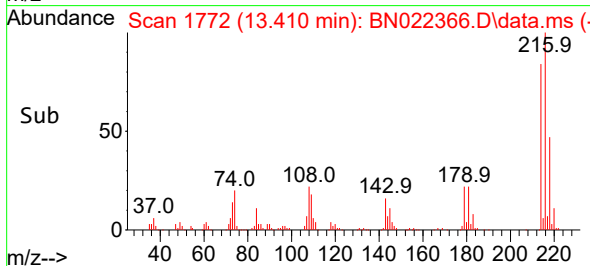


#75
1,2,3,4-Tetrachlorobenzene
Concen: 39.714 ng/uL
RT: 13.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03

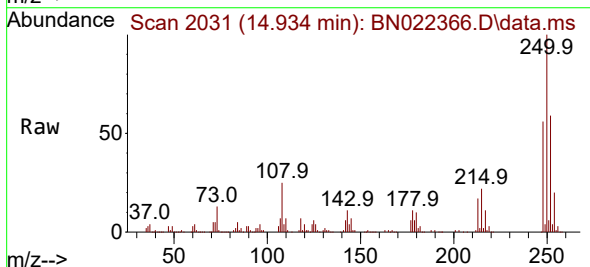
Instrument :
BNA_N
ClientSampleId :



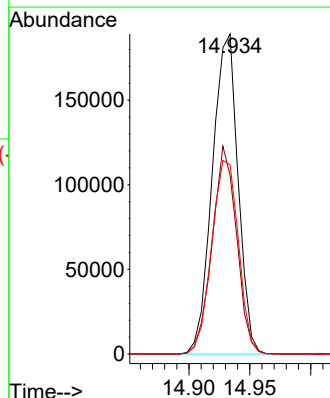
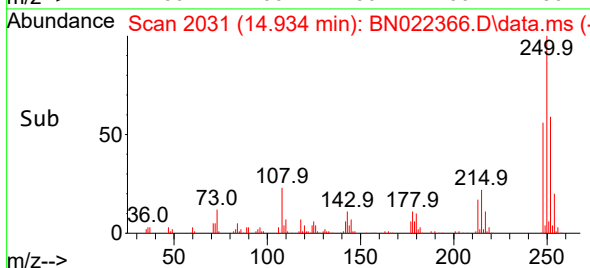
Tgt Ion:216 Resp: 306779
Ion Ratio Lower Upper
216 100
214 84.0 61.2 91.8
218 46.5 39.4 59.0

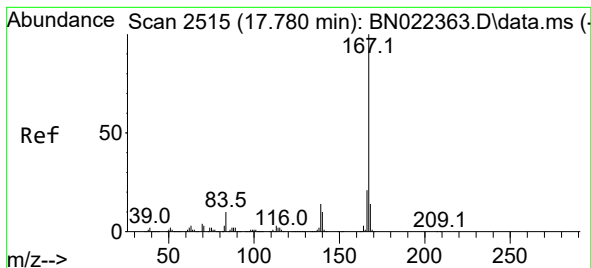


#76
Pentachlorobenzene
Concen: 33.541 ng/uL
RT: 14.934 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BN022366.D
Acq: 27 Oct 2022 18:03



Tgt Ion:250 Resp: 278097
Ion Ratio Lower Upper
250 100
248 55.8 46.8 70.2
252 59.1 53.9 80.9





#77

Carbazole

Concen: 32.513 ng/ul

RT: 17.775 min Scan# 2514

Delta R.T. -0.005 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :

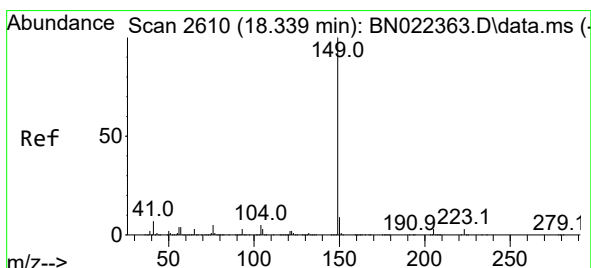
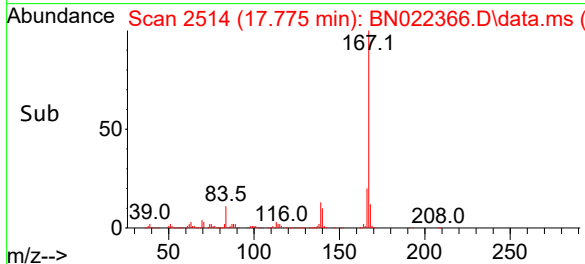
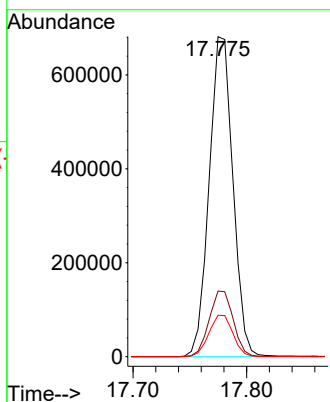
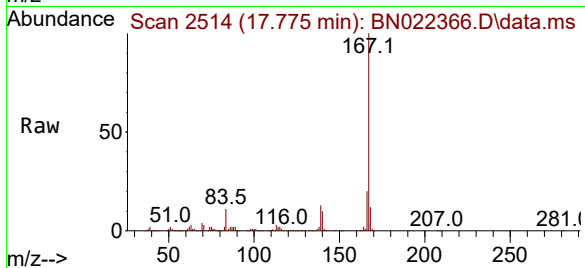
Tgt Ion:167 Resp: 989590

Ion Ratio Lower Upper

167 100

166 20.5 17.3 25.9

139 13.0 10.7 16.1



#78

Di-n-butylphthalate

Concen: 32.600 ng/ul

RT: 18.339 min Scan# 2610

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

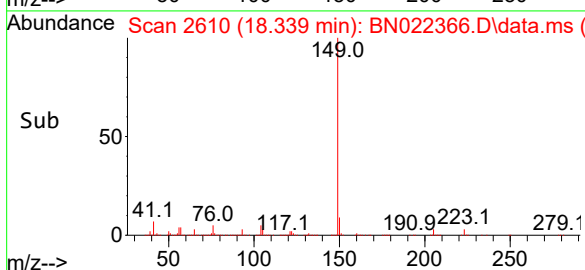
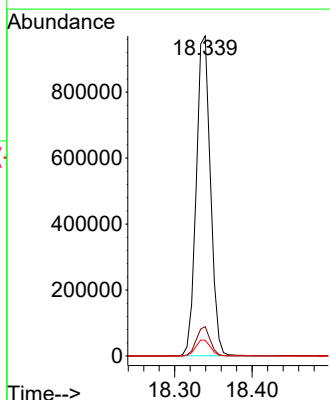
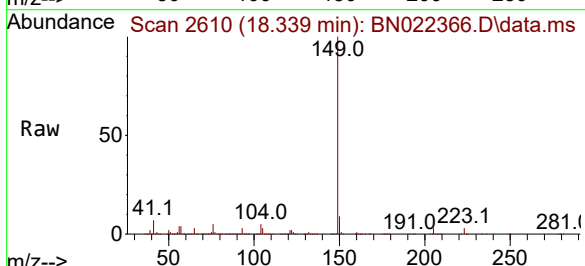
Tgt Ion:149 Resp: 1229732

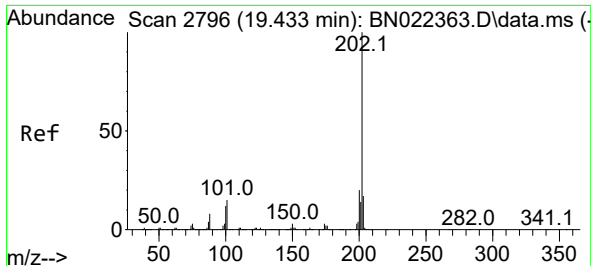
Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

104 4.9 4.2 6.2



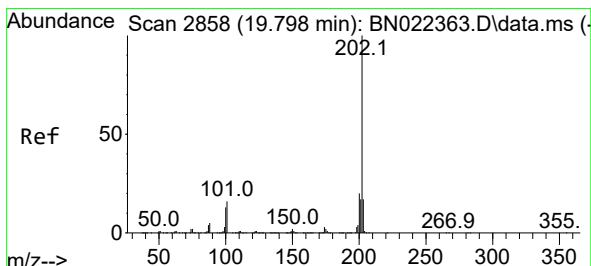
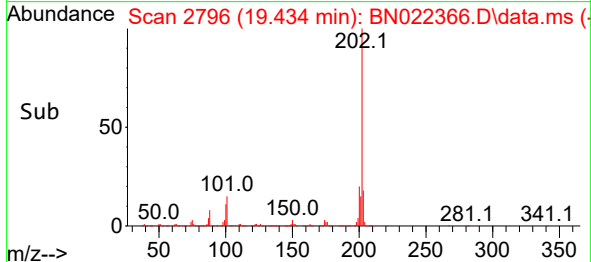
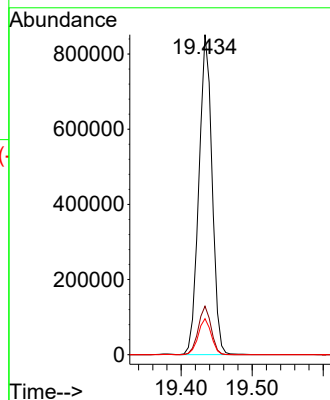
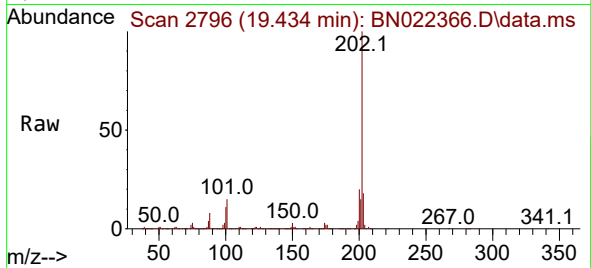


#80
 Fluoranthene
 Concen: 34.277 ng/ul
 RT: 19.434 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN022366.D
 Acq: 27 Oct 2022 18:03

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:202 Resp: 1100921

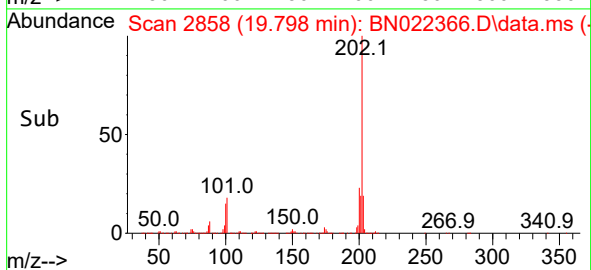
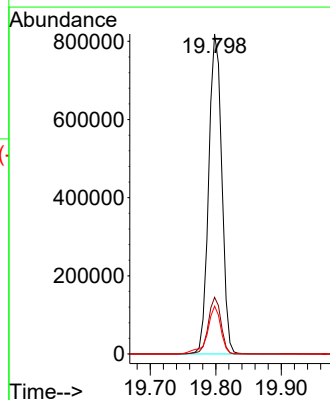
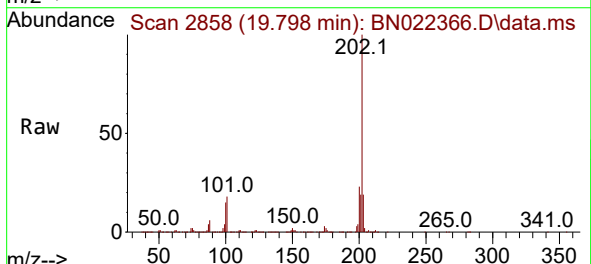
Ion	Ratio	Lower	Upper
202	100		
101	15.1	10.3	15.5
100	11.3	7.8	11.8

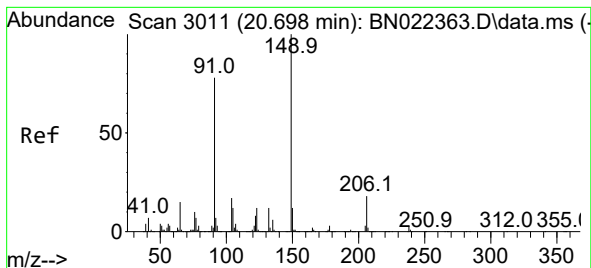


#82
 Pyrene
 Concen: 33.828 ng/ul
 RT: 19.798 min Scan# 2858
 Delta R.T. 0.000 min
 Lab File: BN022366.D
 Acq: 27 Oct 2022 18:03

Tgt Ion:202 Resp: 1136710

Ion	Ratio	Lower	Upper
202	100		
101	17.7	13.4	20.0
100	14.9	10.9	16.3





#83

Butylbenzylphthalate

Concen: 34.944 ng/ul

RT: 20.698 min Scan# 3011

Delta R.T. 0.000 min

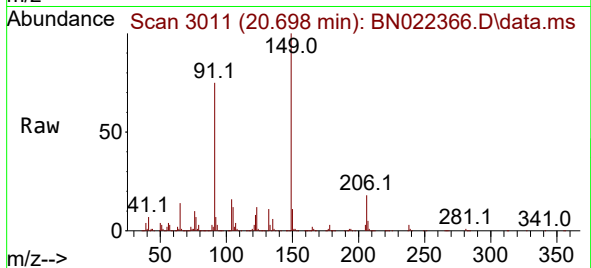
Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :



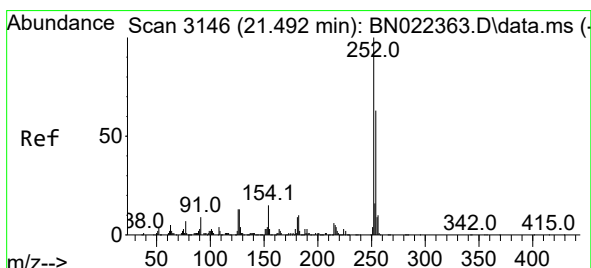
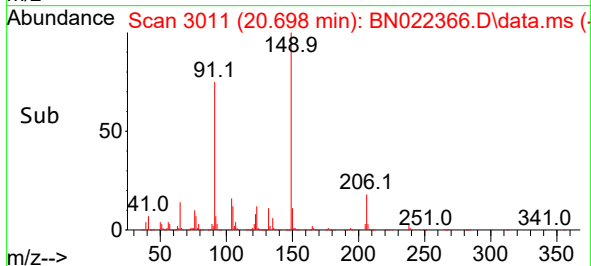
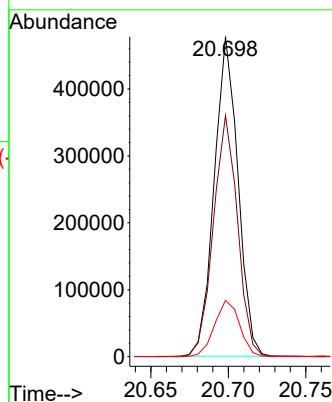
Tgt Ion:149 Resp: 509428

Ion Ratio Lower Upper

149 100

91 75.3 61.7 92.5

206 17.6 14.7 22.1



#84

3,3'-Dichlorobenzidine

Concen: 28.309 ng/ul

RT: 21.492 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

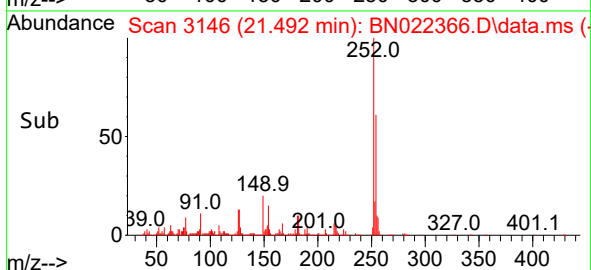
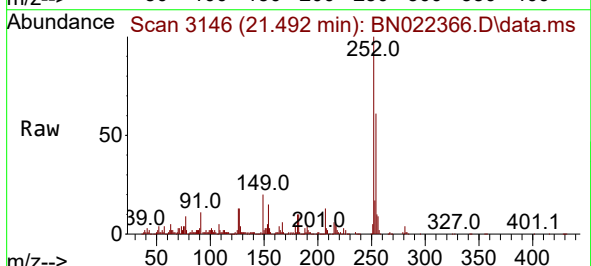
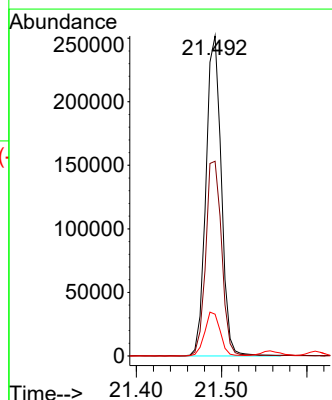
Tgt Ion:252 Resp: 314639

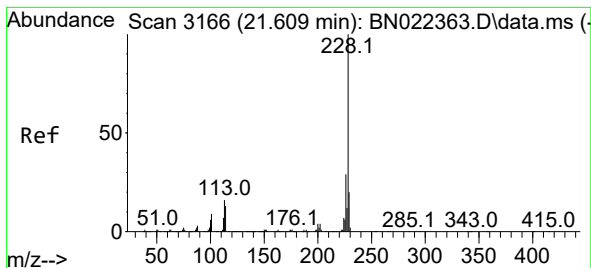
Ion Ratio Lower Upper

252 100

254 60.9 52.9 79.3

126 13.0 11.2 16.8





#85

Benzo(a)anthracene

Concen: 31.804 ng/ul

RT: 21.557 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :

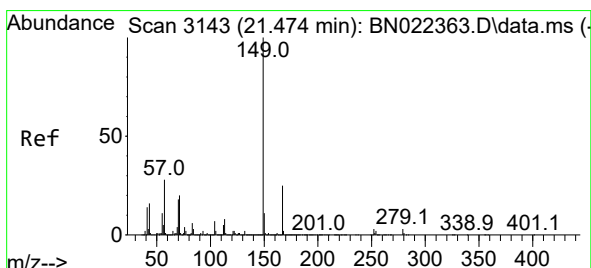
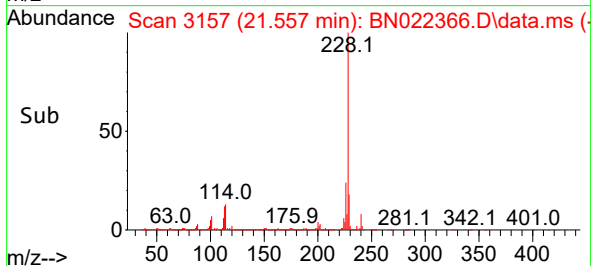
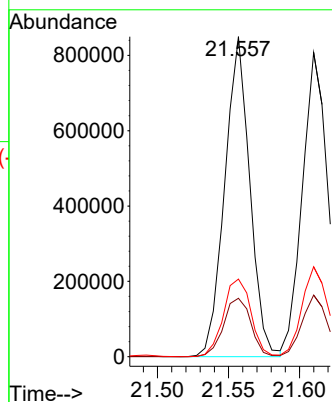
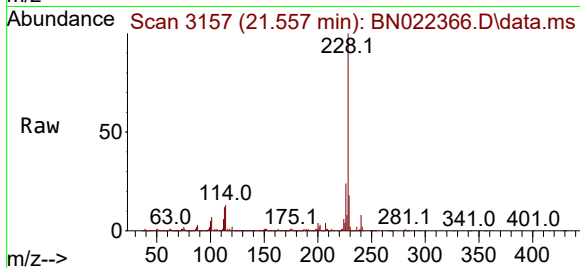
Tgt Ion:228 Resp: 1044397

Ion Ratio Lower Upper

228 100

229 18.3 13.5 20.3

226 24.2 21.0 31.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 35.621 ng/ul

RT: 21.475 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

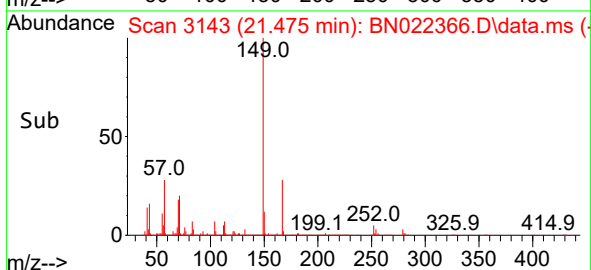
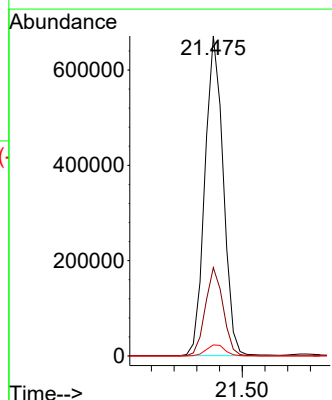
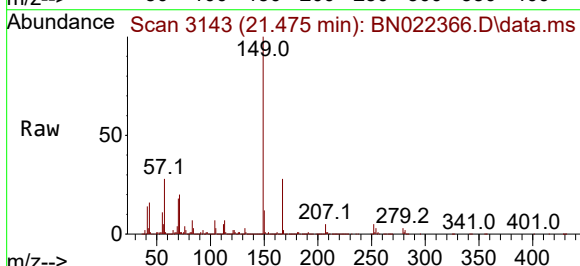
Tgt Ion:149 Resp: 751106

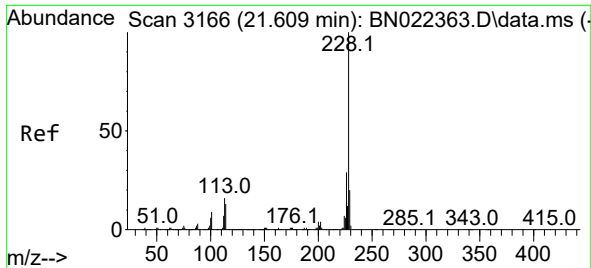
Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

279 3.4 2.9 4.3





#87

Chrysene

Concen: 31.664 ng/ul

RT: 21.610 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :

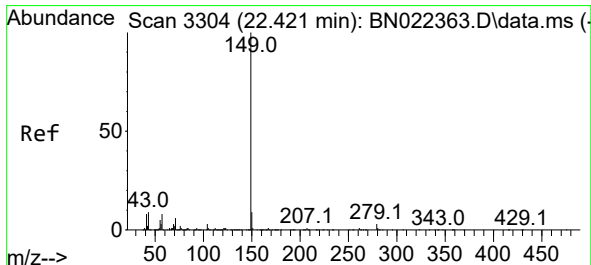
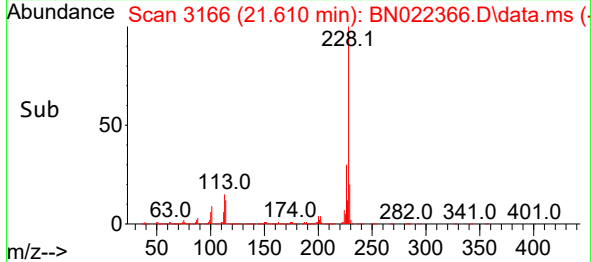
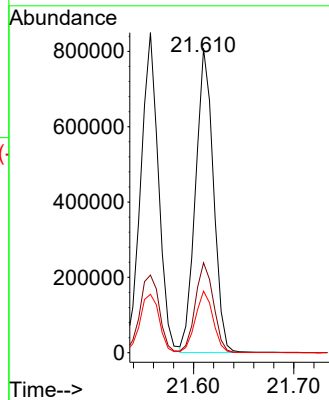
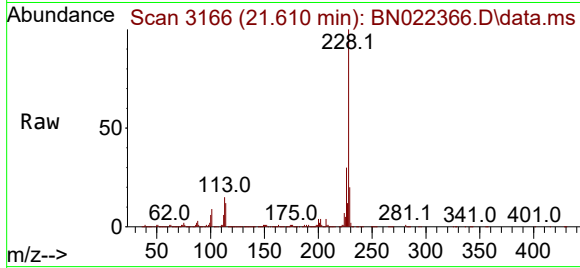
Tgt Ion:228 Resp: 999229

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 20.3 16.5 24.7



#89

Di-n-octyl phthalate

Concen: 30.706 ng/ul

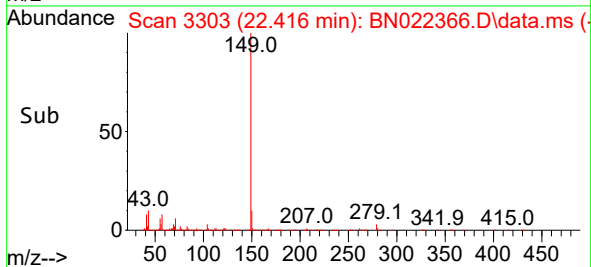
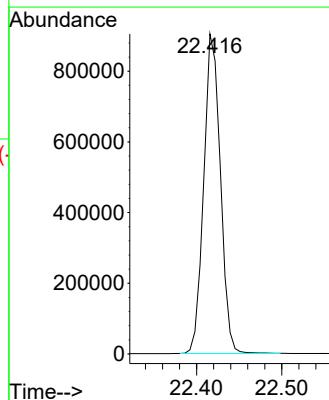
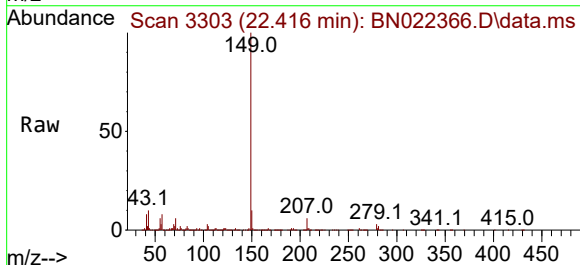
RT: 22.416 min Scan# 3303

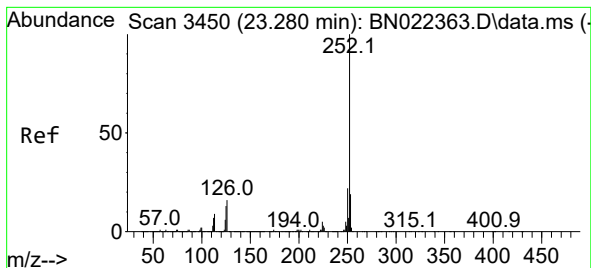
Delta R.T. -0.005 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Tgt Ion:149 Resp: 1227499





#90

Benzo(b)fluoranthene

Concen: 31.782 ng/ul

RT: 23.280 min Scan# 3450

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :

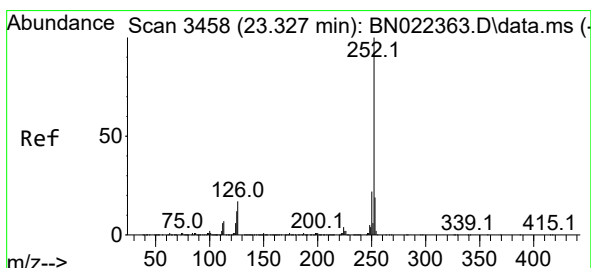
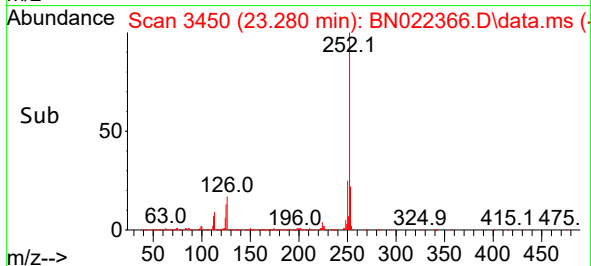
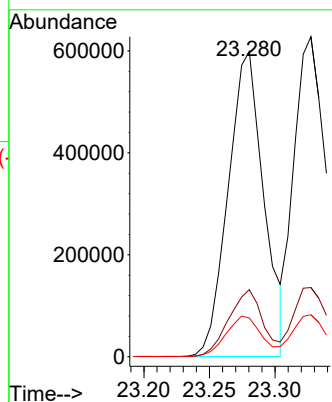
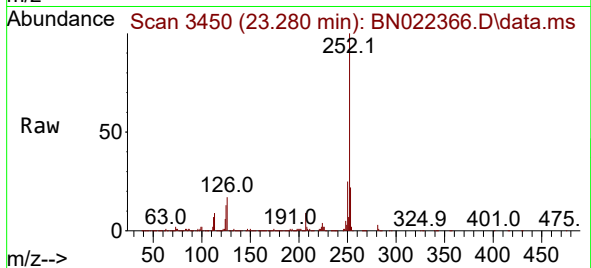
Tgt Ion:252 Resp: 1130999

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 12.7 10.7 16.1



#91

Benzo(k)fluoranthene

Concen: 30.626 ng/ul

RT: 23.327 min Scan# 3458

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

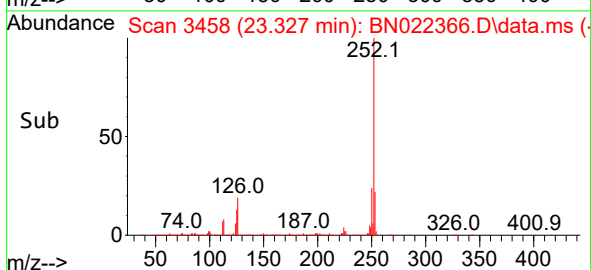
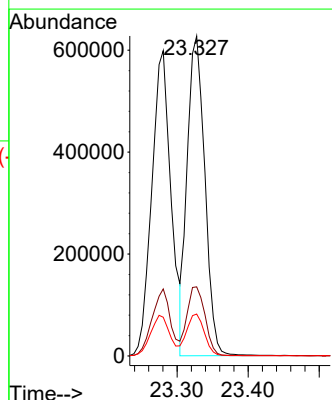
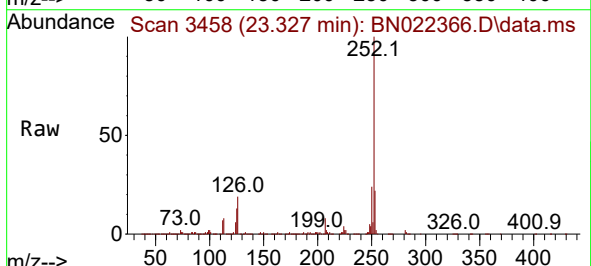
Tgt Ion:252 Resp: 1076731

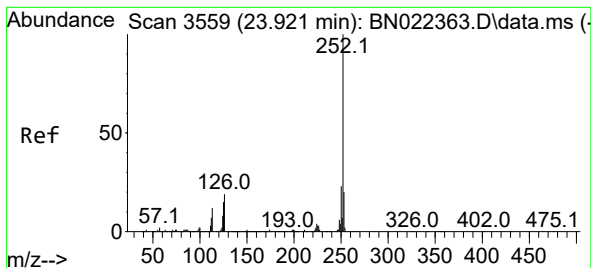
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 13.1 10.6 15.8





#93

Benzo(a)pyrene

Concen: 31.437 ng/ul

RT: 23.927 min Scan# 3559

Delta R.T. 0.006 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

Instrument :

BNA_N

ClientSampleId :

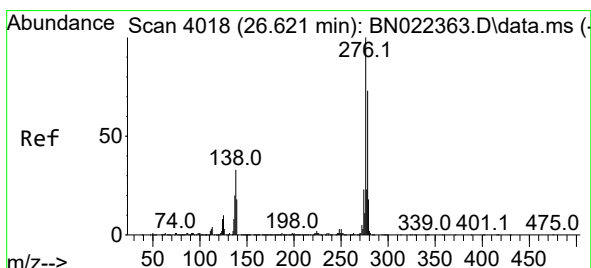
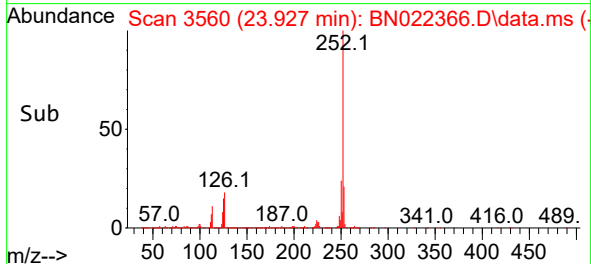
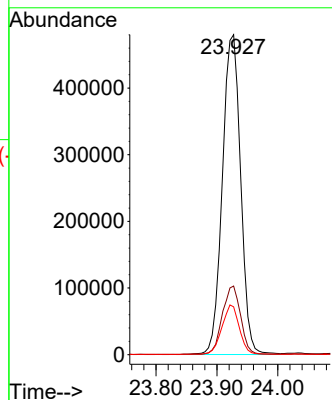
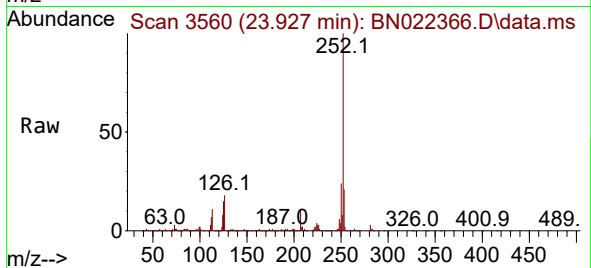
Tgt Ion:252 Resp: 999862

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 15.0 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.468 ng/ul

RT: 26.621 min Scan# 4018

Delta R.T. 0.000 min

Lab File: BN022366.D

Acq: 27 Oct 2022 18:03

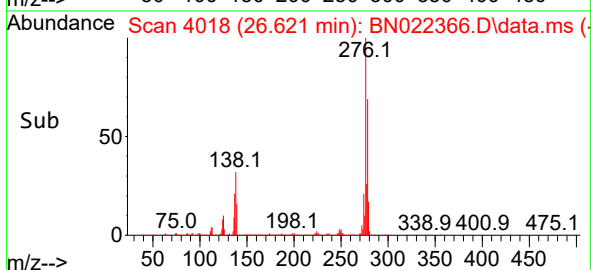
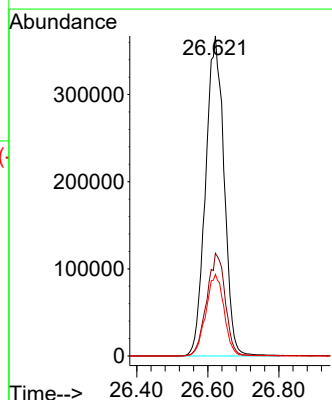
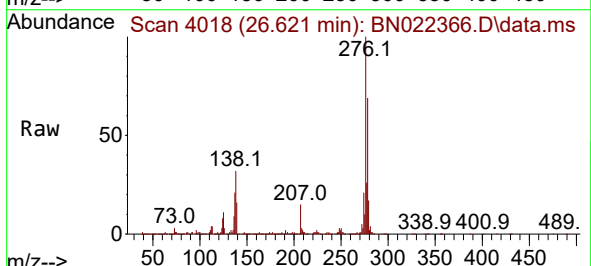
Tgt Ion:276 Resp: 1330445

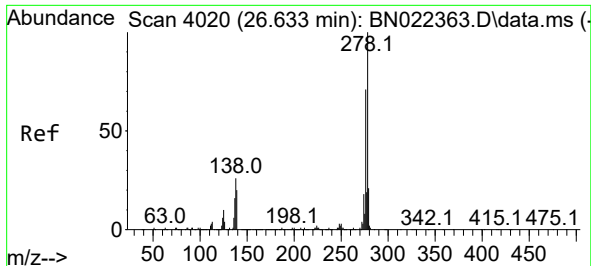
Ion Ratio Lower Upper

276 100

138 32.1 24.6 36.8

277 25.5 18.4 27.6

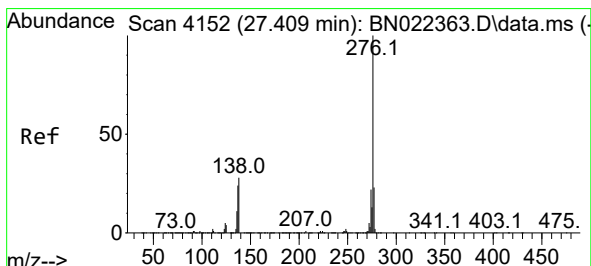
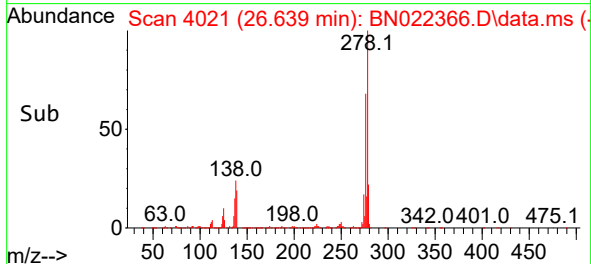
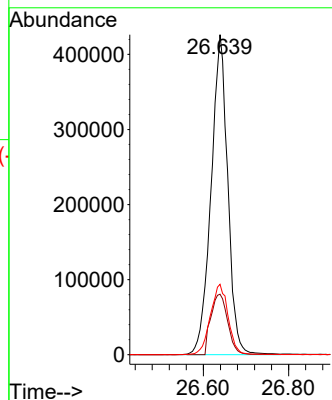
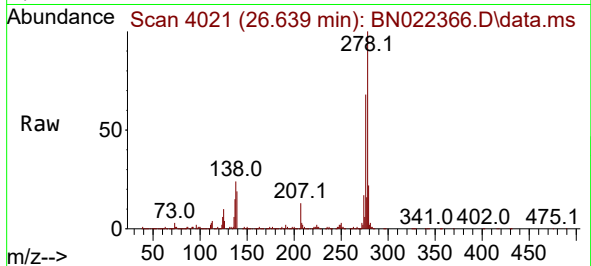




#95
 Dibenzo(a,h)anthracene
 Concen: 32.553 ng/ul
 RT: 26.639 min Scan# 4020
 Delta R.T. 0.006 min
 Lab File: BN022366.D
 Acq: 27 Oct 2022 18:03

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:278 Resp: 1157774
 Ion Ratio Lower Upper
 278 100
 139 18.9 15.7 23.5
 279 22.0 16.5 24.7



#96
 Benzo(g,h,i)perylene
 Concen: 32.030 ng/ul
 RT: 27.415 min Scan# 4153
 Delta R.T. 0.006 min
 Lab File: BN022366.D
 Acq: 27 Oct 2022 18:03

Tgt Ion:276 Resp: 1145547
 Ion Ratio Lower Upper
 276 100
 138 26.5 21.2 31.8
 277 23.2 17.9 26.9

