

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022695.D
 Acq On : 16 Nov 2022 20:03
 Operator : CG/JU
 Sample : PB148999BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 16 21:39:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 22:53:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	87087	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	389452	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	245502	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	490306	20.000	ng/u1	0.00
79) Chrysene-d12	21.528	240	442084	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	428931	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	15604	6.117	ng/uL	0.00
4) Pyridine-d5	3.628	84	201791	27.974	ng/u1	0.00
7) Phenol-d5	7.046	99	282251	34.316	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	169108	34.291	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	206262	34.242	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	223773	34.461	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	106182	35.224	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	117914	35.056	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	204416	35.648	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	246085	28.174	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	607063	33.996	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	694259	35.286	ng/u1	0.00
54) 4-Nitrophenol-d4	14.793	143	122993	34.551	ng/u1	0.00
60) Fluorene-d10	15.557	176	502192	34.290	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	100644	32.294	ng/u1	0.00
73) Anthracene-d10	17.422	188	768339	35.788	ng/u1	0.00
81) Pyrene-d10	19.728	212	851329	37.159	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	771442	35.778	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	29004	10.685	ng/uL#	93
5) Pyridine	3.646	79	202202	28.270	ng/u1	97
6) Benzaldehyde	7.011	77	170760	41.034	ng/u1	100
8) Phenol	7.075	94	268636	31.359	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.299	93	204762	30.674	ng/u1	98
12) 2-Chlorophenol	7.434	128	204389	31.777	ng/u1	98
13) 2-Methylphenol	8.334	108	200356	31.421	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	277590	31.503	ng/u1	99
16) Acetophenone	8.716	105	324339	31.295	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.705	70	176384	31.932	ng/u1	99
18) 4-Methylphenol	8.675	108	217722	31.445	ng/u1	98
19) Hexachloroethane	8.958	117	84938	31.191	ng/u1	98
22) Nitrobenzene	9.099	77	262732	32.169	ng/u1	99
23) Isophorone	9.634	82	489546	31.336	ng/u1	99
25) 2-Nitrophenol	9.816	139	120271	32.523	ng/u1	98
26) 2,4-Dimethylphenol	9.881	107	252404	31.819	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	284388	31.567	ng/u1	99
29) 2,4-Dichlorophenol	10.352	162	192869	33.092	ng/u1	98
30) Naphthalene	10.752	128	653226	31.601	ng/u1	100
32) 4-Chloroaniline	10.875	127	276268	30.287	ng/u1	98
33) Hexachlorobutadiene	11.028	225	116275	32.412	ng/u1	98
34) Caprolactam	11.675	113	39251	17.752	ng/u1	93
35) 4-Chloro-3-methylphenol	12.016	107	244226	32.130	ng/u1	98
36) 2-Methylnaphthalene	12.375	142	444912	31.595	ng/u1	97

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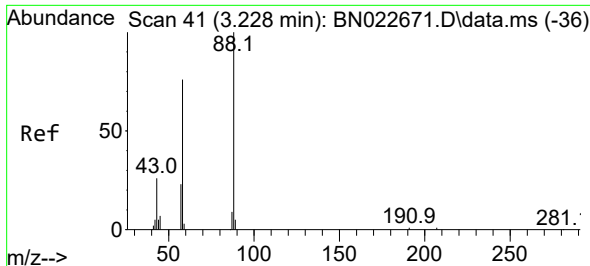
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	445887	31.587	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.740	216	211678	32.123	ng/ul	96
40) Hexachlorocyclopentadiene	12.710	237	111638	29.017	ng/ul	97
41) 2,4,6-Trichlorophenol	12.993	196	150015	32.064	ng/ul	94
42) 2,4,5-Trichlorophenol	13.069	196	160405	32.376	ng/ul	96
43) 1,1'-Biphenyl	13.393	154	569104	31.581	ng/ul	100
44) 2-Chloronaphthalene	13.434	162	432932	30.832	ng/ul	97
45) 2-Nitroaniline	13.651	65	167641	32.874	ng/ul	98
47) Dimethylphthalate	14.022	163	597249	31.822	ng/ul	98
48) 2,6-Dinitrotoluene	14.151	165	124883	32.871	ng/ul	99
50) Acenaphthylene	14.281	152	695814	31.657	ng/ul	100
51) 3-Nitroaniline	14.481	138	135106	33.027	ng/ul	97
52) Acenaphthene	14.622	153	489006	31.357	ng/ul	97
53) 2,4-Dinitrophenol	14.693	184	65628	24.718	ng/ul	98
55) 4-Nitrophenol	14.804	109	111462	31.588	ng/ul	96
56) Dibenzofuran	14.957	168	654890	31.783	ng/ul	100
57) 2,4-Dinitrotoluene	14.940	165	183486	33.164	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.193	232	136505	32.169	ng/ul	98
59) Diethylphthalate	15.387	149	622941	31.315	ng/ul	99
61) Fluorene	15.616	166	537998	31.266	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.604	204	252056	31.075	ng/ul	96
63) 4-Nitroaniline	15.651	138	134385	36.837	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.704	198	97336	30.216	ng/ul	98
67) N-Nitrosodiphenylamine	15.828	169	464862	31.667	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	157141	32.546	ng/ul	99
69) Hexachlorobenzene	16.616	284	189995	33.663	ng/ul	93
70) Atrazine	16.787	200	164414	31.420	ng/ul	99
71) Pentachlorophenol	16.969	266	109649	30.577	ng/ul	99
72) Phenanthrene	17.363	178	859614	32.528	ng/ul	98
74) Anthracene	17.457	178	856829	32.009	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	207048	32.022	ng/uL	96
76) Pentachlorobenzene	14.875	250	201537	28.881	ng/uL	90
77) Carbazole	17.734	167	814785	32.759	ng/ul	98
78) Di-n-butylphthalate	18.292	149	1081912	30.565	ng/ul	99
80) Fluoranthene	19.386	202	966659	33.807	ng/ul	98
82) Pyrene	19.757	202	1006910	34.376	ng/ul	99
83) Butylbenzylphthalate	20.657	149	499983	33.534	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	326531	33.476	ng/ul	91
85) Benzo(a)anthracene	21.510	228	955761	32.739	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	711769	32.344	ng/ul	96
87) Chrysene	21.569	228	898715	32.508	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	1235301	32.746	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	955577	32.874	ng/ul	98
91) Benzo(k)fluoranthene	23.269	252	880994	31.929	ng/ul	99
93) Benzo(a)pyrene	23.851	252	792330	32.158	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.510	276	877239	31.306	ng/ul	98
95) Dibenzo(a,h)anthracene	26.527	278	793295	31.586	ng/ul	98
96) Benzo(g,h,i)perylene	27.298	276	731983	29.960	ng/ul	98

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

Instrument :
BNA_N
ClientSampleId :

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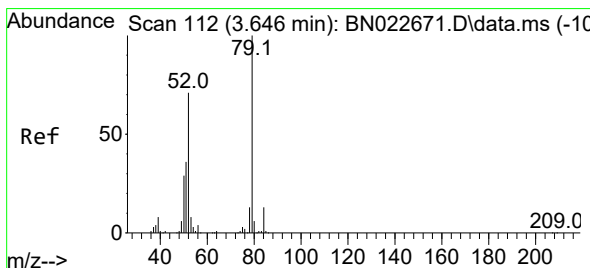
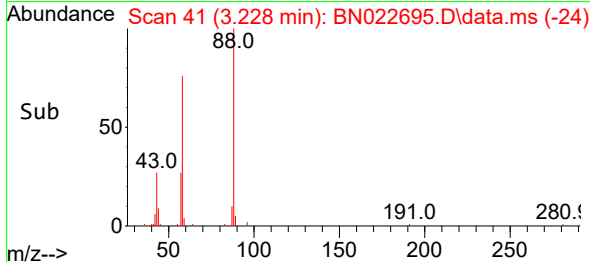
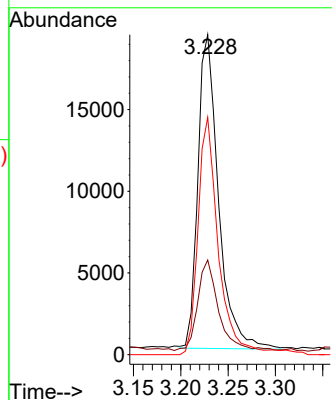
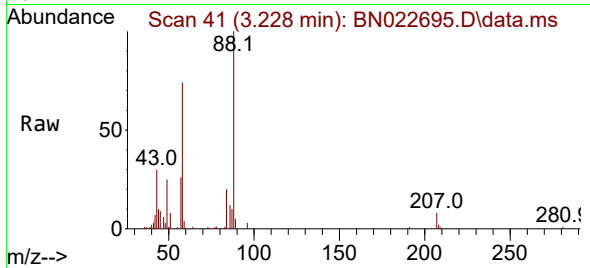




#2
1,4-Dioxane
Concen: 10.685 ng/uL
RT: 3.228 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

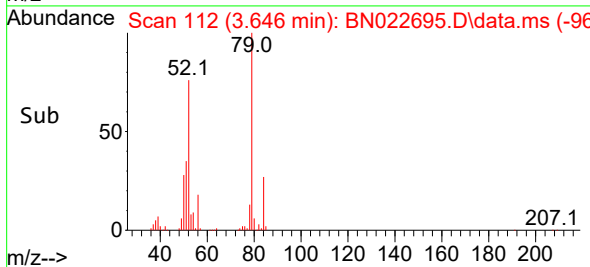
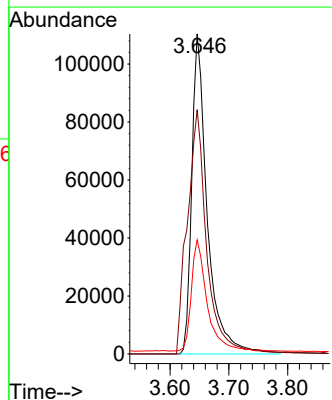
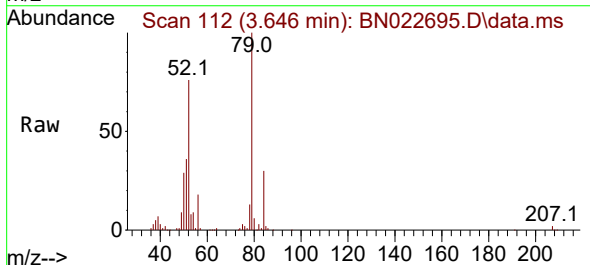
Instrument :
BNA_N
ClientSampleId :

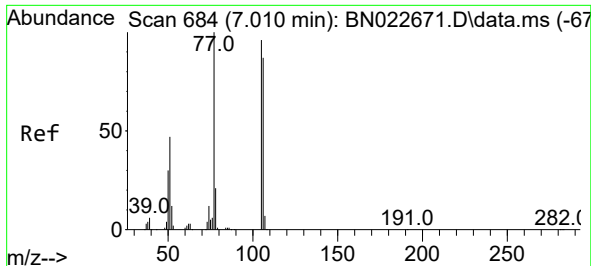
Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.6	30.8	46.2
58	74.1	61.7	92.5



#5
Pyridine
Concen: 28.270 ng/uL
RT: 3.646 min Scan# 112
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion	Ratio	Lower	Upper
79	100		
52	76.3	58.6	88.0
51	35.7	28.8	43.2

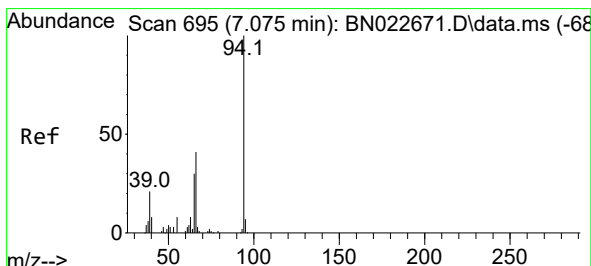
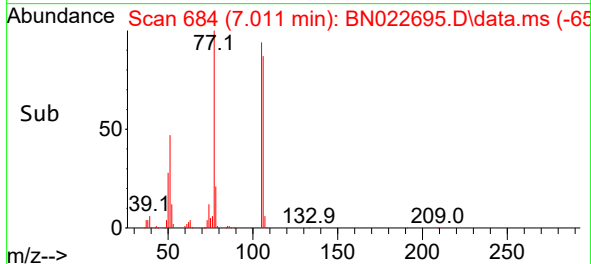
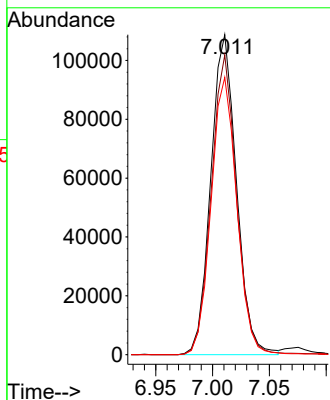
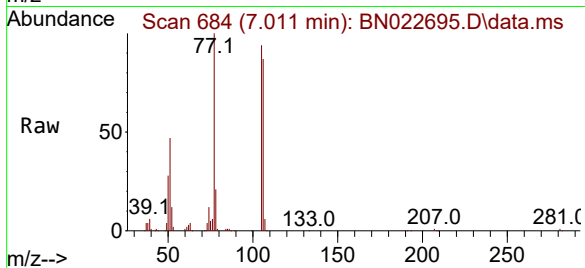




#6
Benzaldehyde
Concen: 41.034 ng/ul
RT: 7.011 min Scan# 684
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

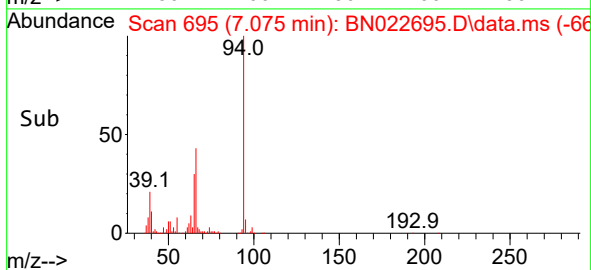
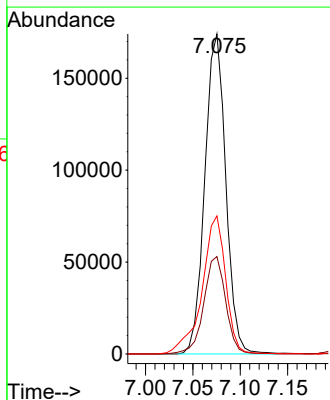
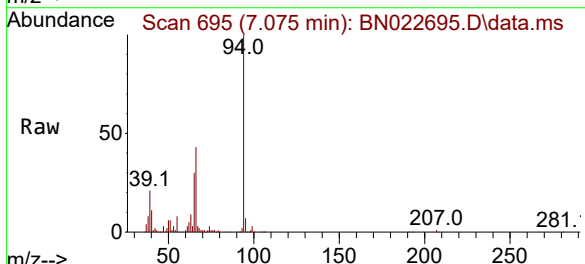
Instrument :
BNA_N
ClientSampleId :

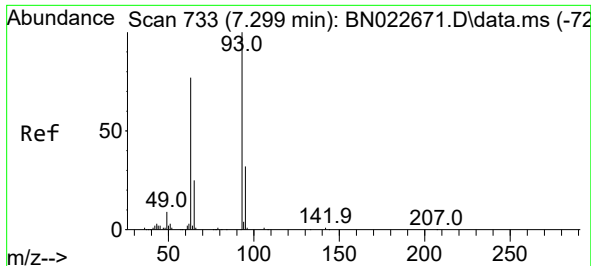
Tgt Ion: 77 Resp: 170760
Ion Ratio Lower Upper
77 100
105 93.7 75.2 112.8
106 86.7 69.0 103.6



#8
Phenol
Concen: 31.359 ng/ul
RT: 7.075 min Scan# 695
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion: 94 Resp: 268636
Ion Ratio Lower Upper
94 100
65 30.5 24.3 36.5
66 43.1 33.5 50.3





#10

Bis(2-Chloroethyl)ether

Concen: 30.674 ng/ul

RT: 7.299 min Scan# 733

Delta R.T. -0.006 min

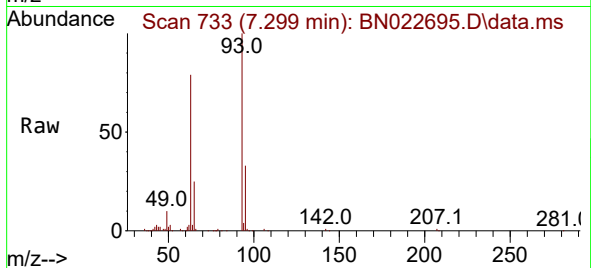
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Acq: 16 Nov 2022 20:03

Instrument :

BNA_N

ClientSampleId :



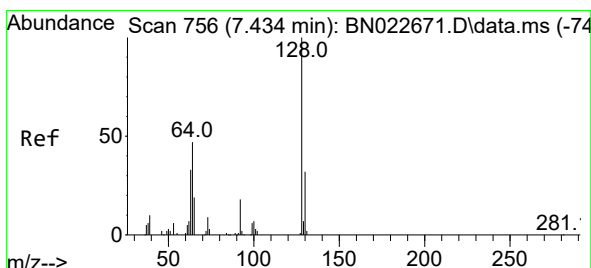
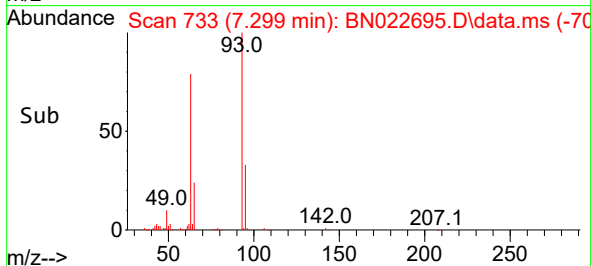
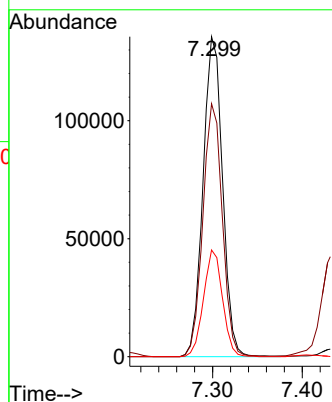
Tgt Ion: 93 Resp: 204762

Ion Ratio Lower Upper

93 100

63 79.0 61.8 92.6

95 33.4 26.3 39.5



#12

2-Chlorophenol

Concen: 31.777 ng/ul

RT: 7.434 min Scan# 756

Delta R.T. -0.006 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

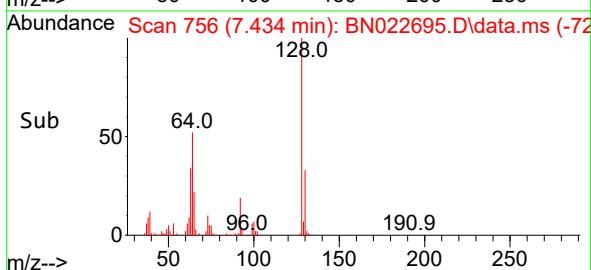
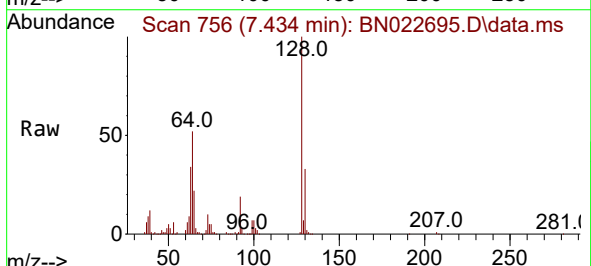
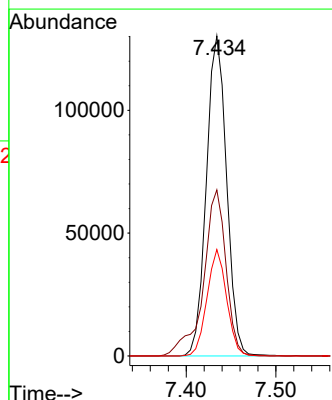
Tgt Ion:128 Resp: 204389

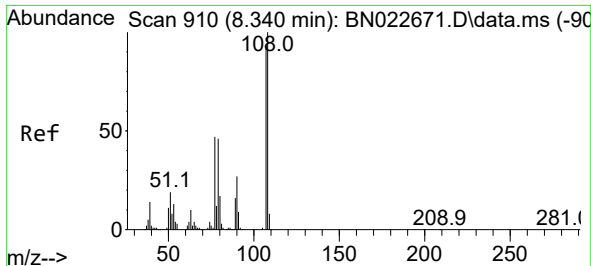
Ion Ratio Lower Upper

128 100

64 51.9 40.0 60.0

130 33.3 26.3 39.5





#13

2-Methylphenol

Concen: 31.421 ng/ul

RT: 8.334 min Scan# 910

Delta R.T. -0.006 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Instrument :

BNA_N

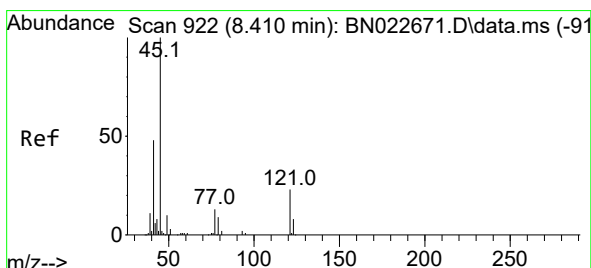
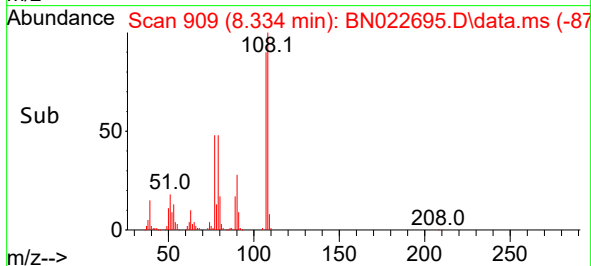
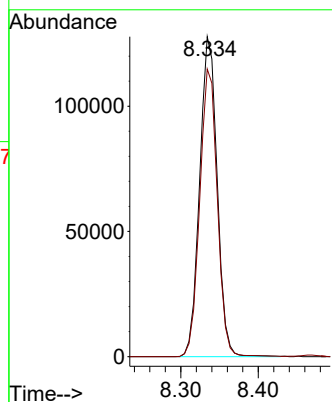
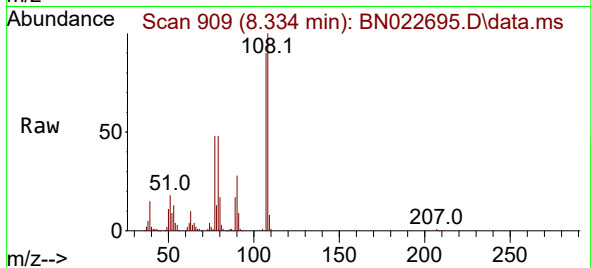
ClientSampleId :

Tgt Ion:108 Resp: 200356

Ion Ratio Lower Upper

108 100

107 89.9 74.1 111.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.503 ng/ul

RT: 8.416 min Scan# 923

Delta R.T. 0.000 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

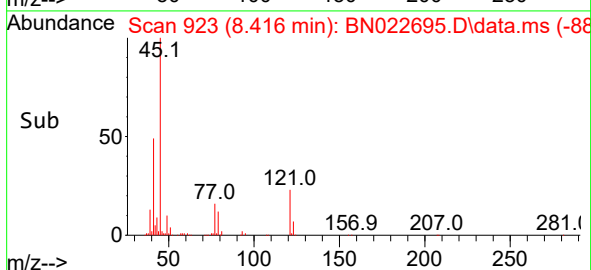
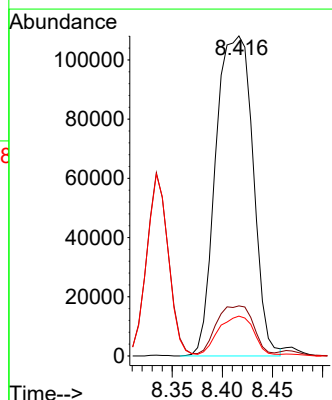
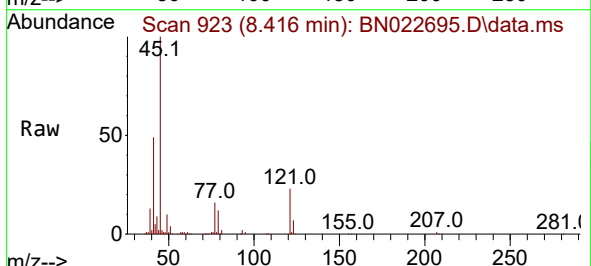
Tgt Ion: 45 Resp: 277590

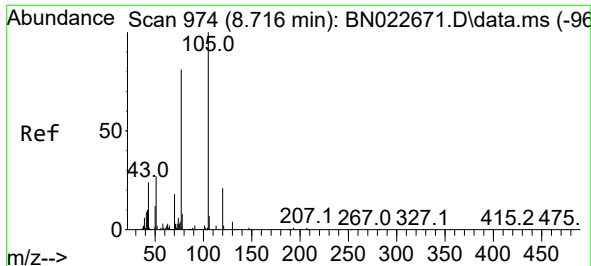
Ion Ratio Lower Upper

45 100

77 15.7 13.0 19.4

79 12.4 9.5 14.3

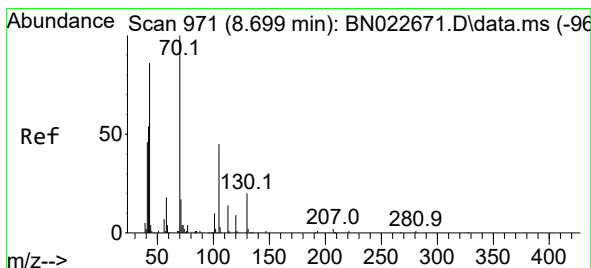
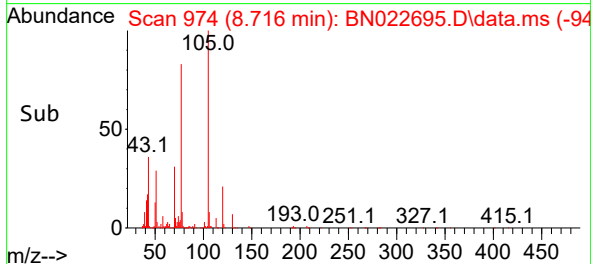
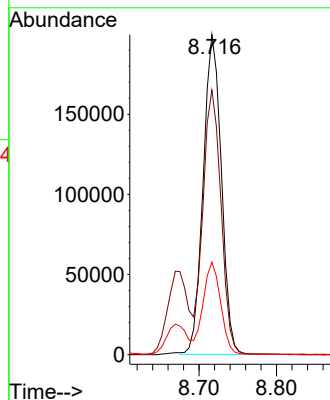
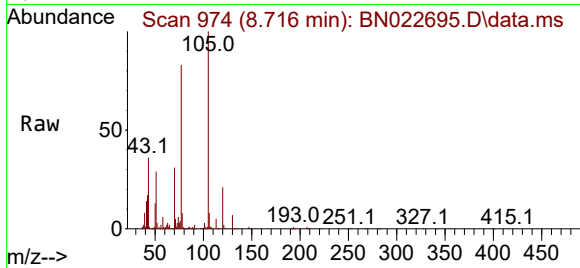




#16
Acetophenone
Concen: 31.295 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN022695.D
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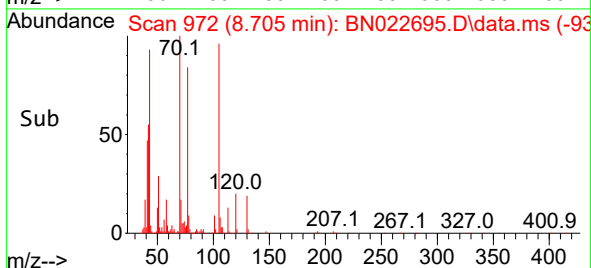
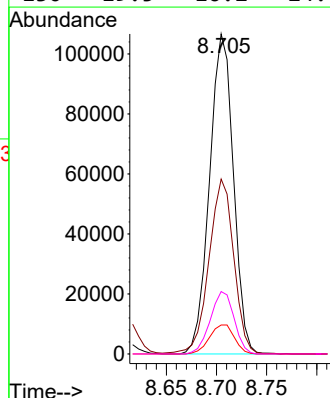
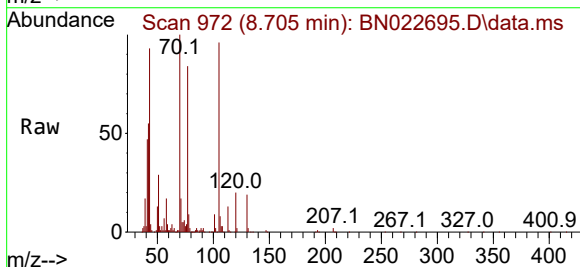
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BNA_N
ClientSampleId :

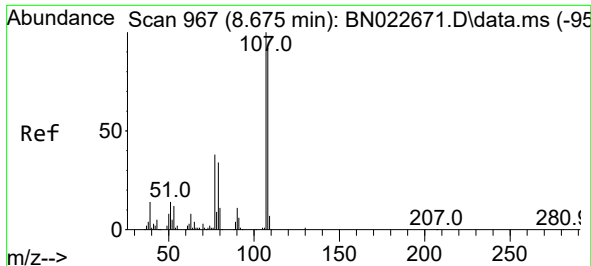
Tgt Ion:105 Resp: 324339
Ion Ratio Lower Upper
105 100
77 82.7 64.0 96.0
51 28.9 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 31.932 ng/ul
RT: 8.705 min Scan# 972
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion: 70 Resp: 176384
Ion Ratio Lower Upper
70 100
42 54.7 43.4 65.2
101 9.0 8.0 12.0
130 19.5 16.2 24.4

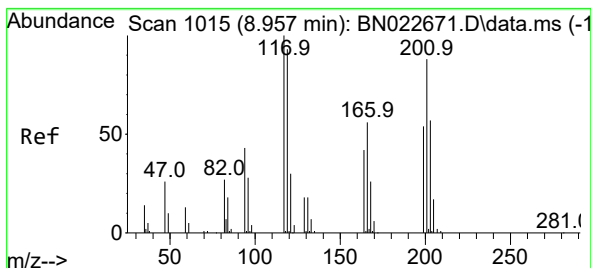
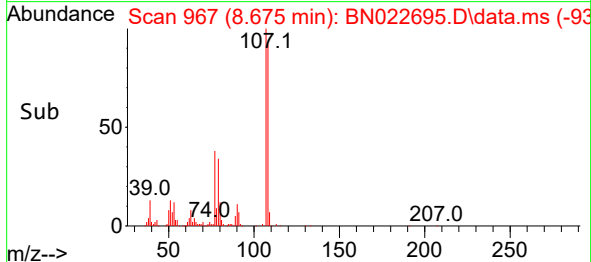
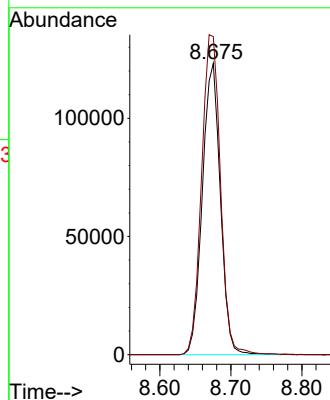
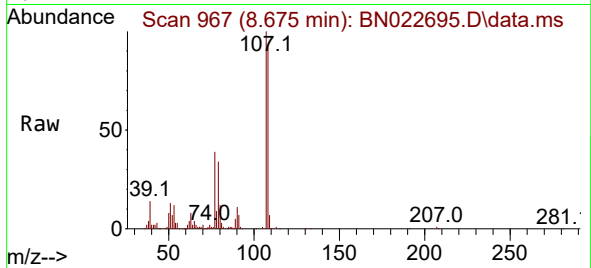




#18
4-Methylphenol
Concen: 31.445 ng/ul
RT: 8.675 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

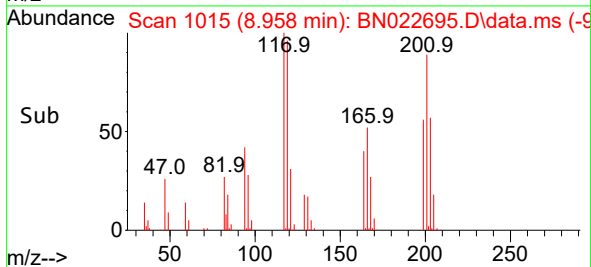
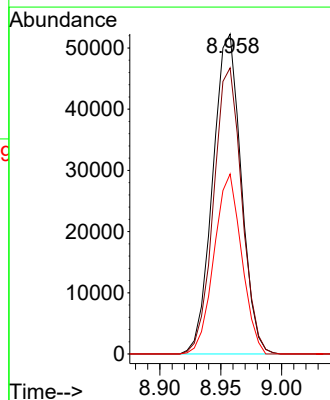
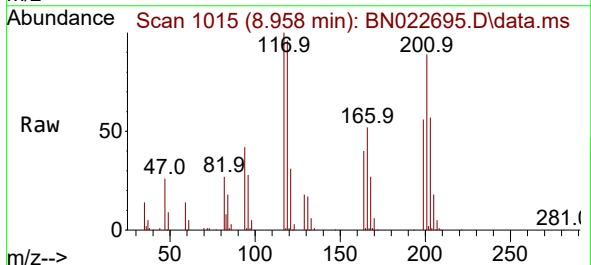
Instrument :
BNA_N
ClientSampleId :

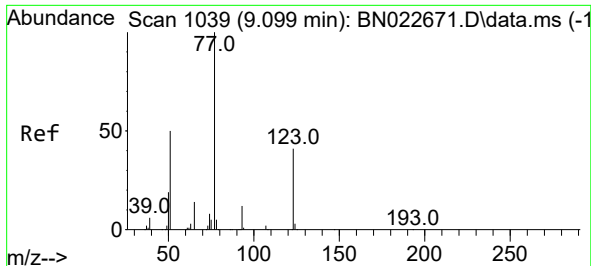
Tgt Ion:108 Resp: 217722
Ion Ratio Lower Upper
108 100
107 109.2 89.4 134.2



#19
Hexachloroethane
Concen: 31.191 ng/ul
RT: 8.958 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion:117 Resp: 84938
Ion Ratio Lower Upper
117 100
201 89.4 69.5 104.3
199 56.3 43.9 65.9





#22

Nitrobenzene

Concen: 32.169 ng/ul

RT: 9.099 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Instrument :

BNA_N

ClientSampleId :

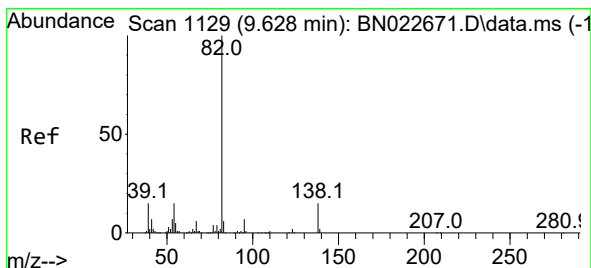
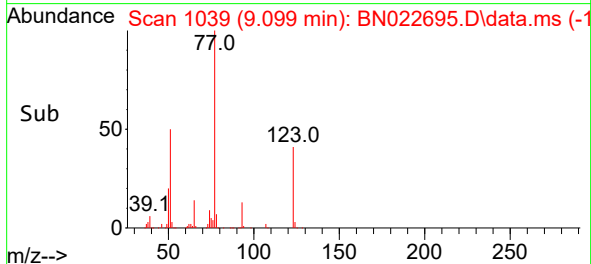
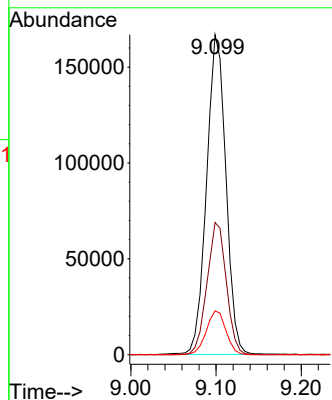
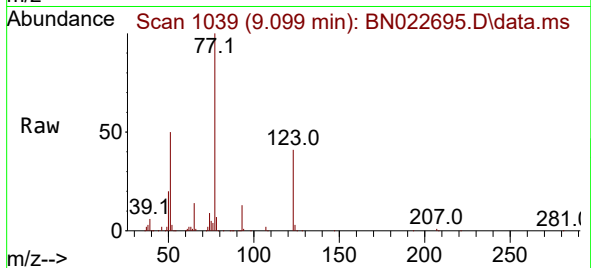
Tgt Ion: 77 Resp: 262732

Ion Ratio Lower Upper

77 100

123 41.3 32.6 49.0

65 13.7 10.7 16.1



#23

Isophorone

Concen: 31.336 ng/ul

RT: 9.634 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

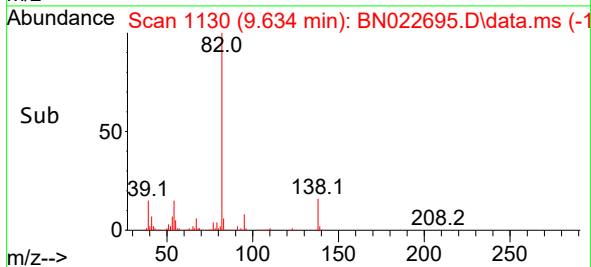
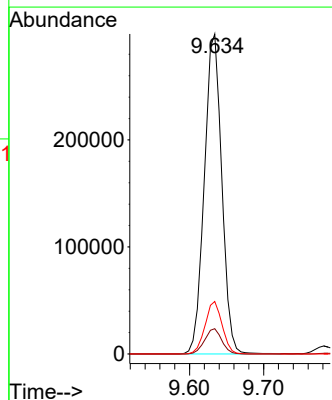
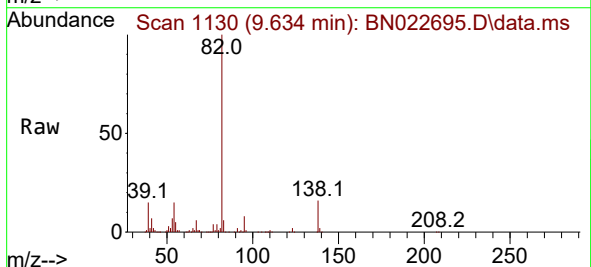
Tgt Ion: 82 Resp: 489546

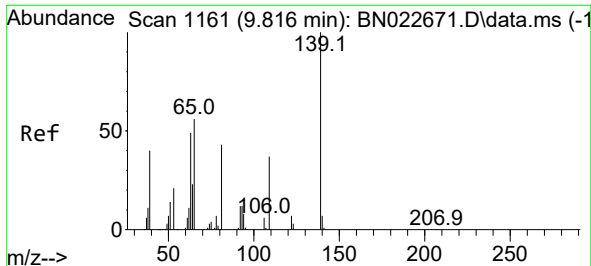
Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

138 16.4 12.8 19.2





#25

2-Nitrophenol

Concen: 32.523 ng/ul

RT: 9.816 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Instrument :

BNA_N

ClientSampleId :

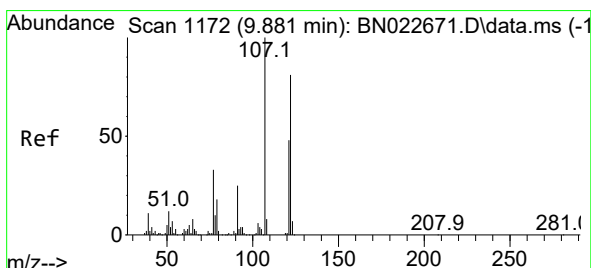
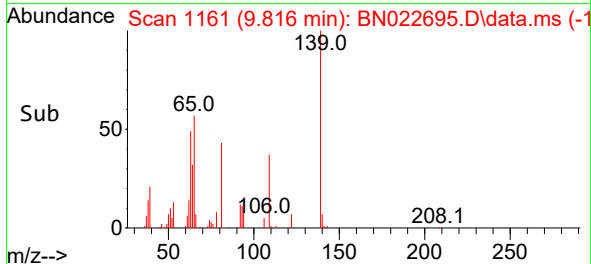
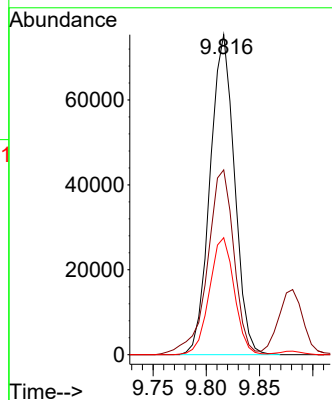
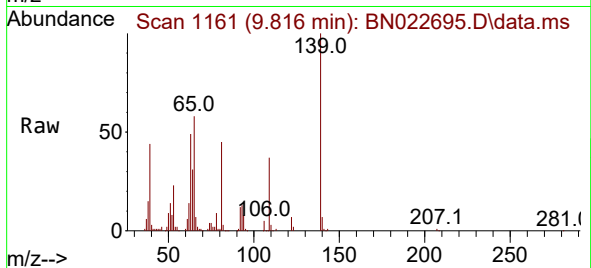
Tgt Ion:139 Resp: 120271

Ion Ratio Lower Upper

139 100

65 57.7 45.4 68.2

109 36.5 27.9 41.9



#26

2,4-Dimethylphenol

Concen: 31.819 ng/ul

RT: 9.881 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

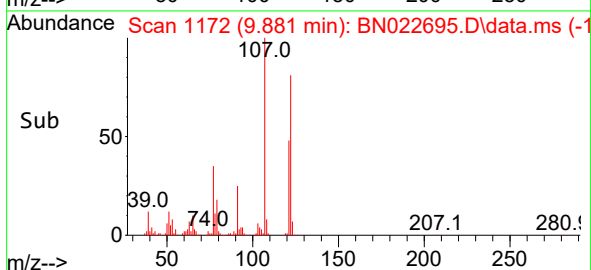
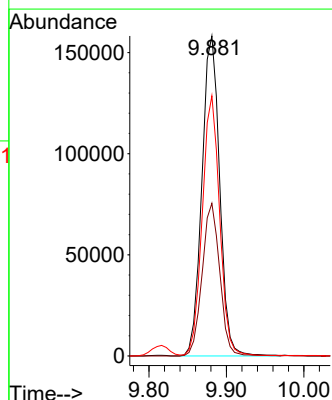
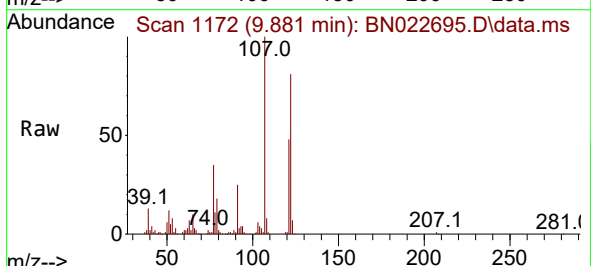
Tgt Ion:107 Resp: 252404

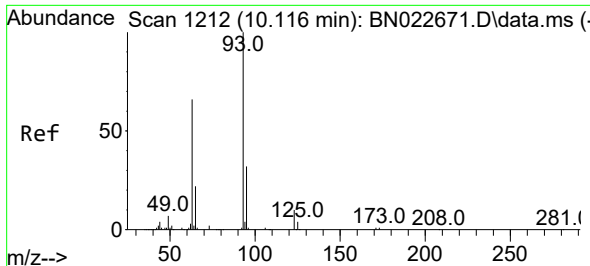
Ion Ratio Lower Upper

107 100

121 47.7 38.5 57.7

122 81.3 64.1 96.1





#27

Bis(2-Chloroethoxy)methane

Concen: 31.567 ng/ul

RT: 10.116 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Instrument :

BNA_N

ClientSampleId :

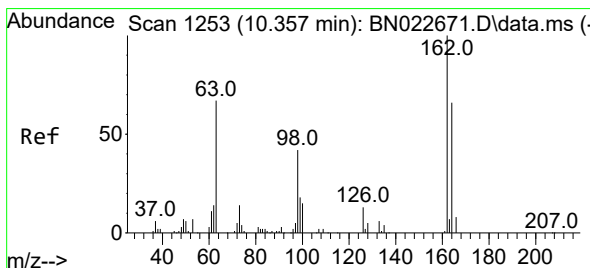
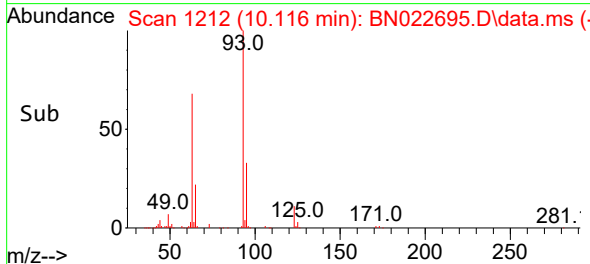
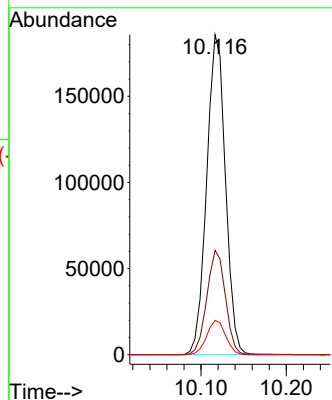
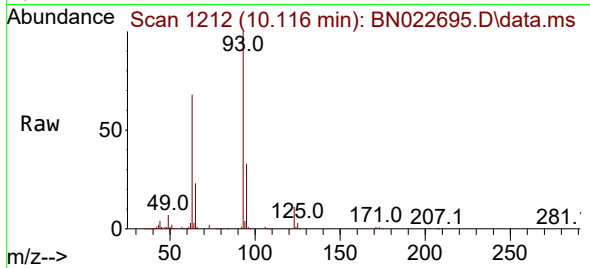
Tgt Ion: 93 Resp: 284388

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

123 10.7 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 33.092 ng/ul

RT: 10.352 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

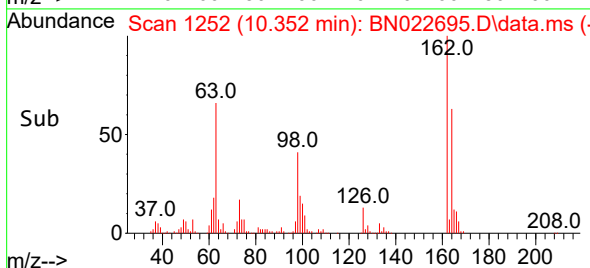
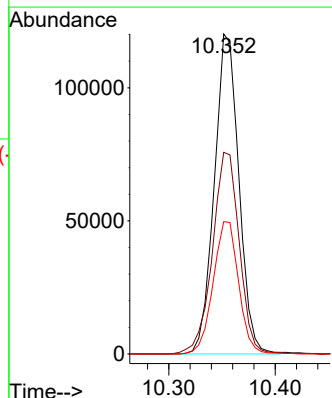
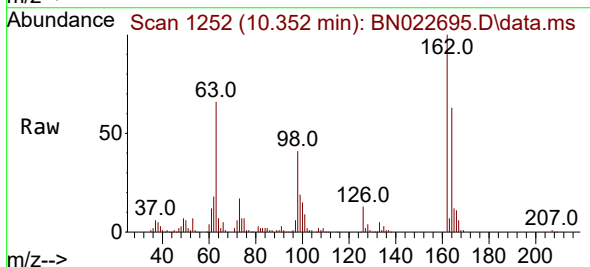
Tgt Ion:162 Resp: 192869

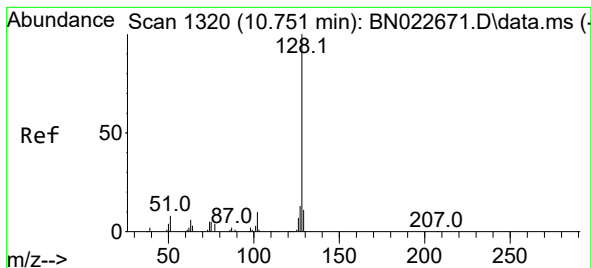
Ion Ratio Lower Upper

162 100

164 63.0 51.9 77.9

98 41.4 33.1 49.7





#30

Naphthalene

Concen: 31.601 ng/ul

RT: 10.752 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Instrument :

BNA_N

ClientSampleId :

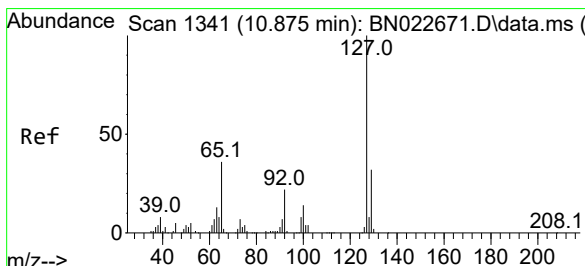
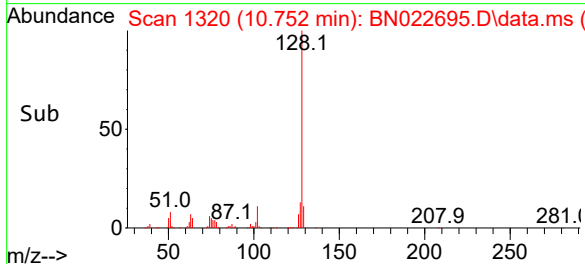
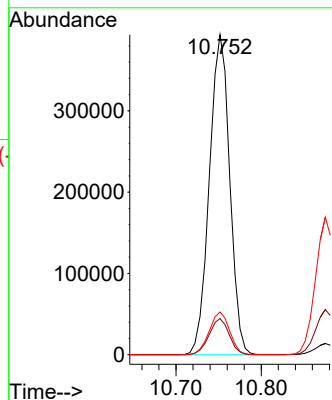
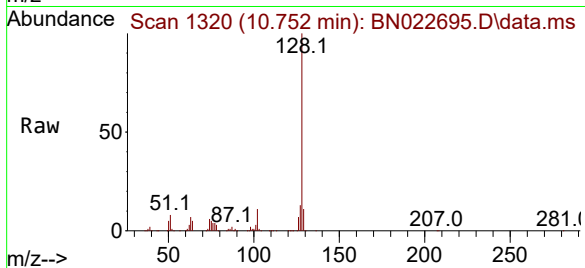
Tgt Ion:128 Resp: 653226

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.3 10.6 16.0



#32

4-Chloroaniline

Concen: 30.287 ng/ul

RT: 10.875 min Scan# 1341

Delta R.T. -0.006 min

Lab File: BN022695.D

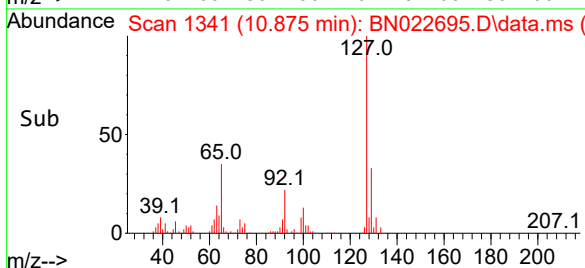
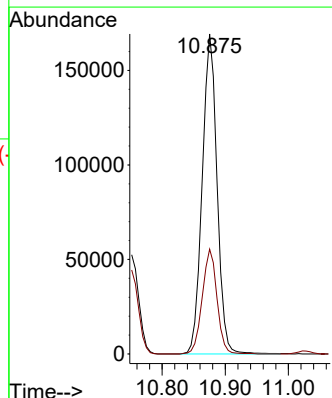
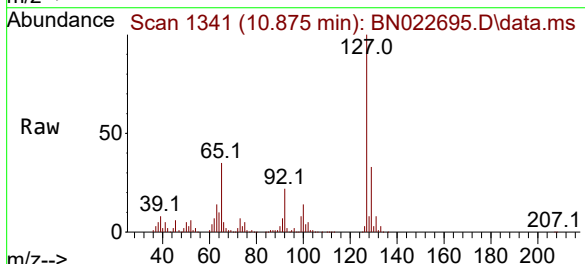
Acq: 16 Nov 2022 20:03

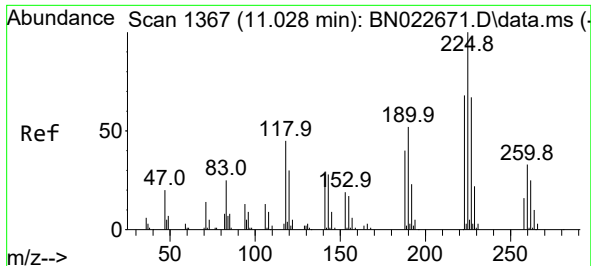
Tgt Ion:127 Resp: 276268

Ion Ratio Lower Upper

127 100

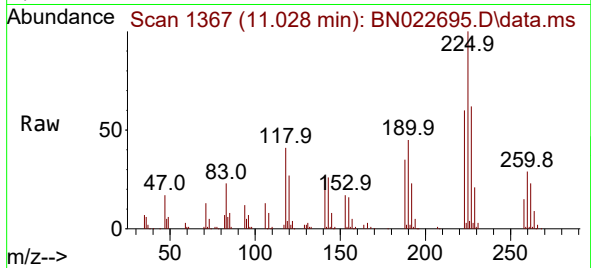
129 32.8 25.4 38.0



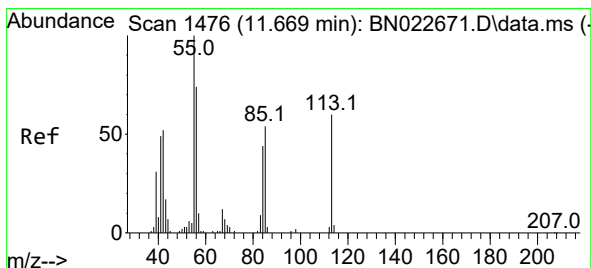
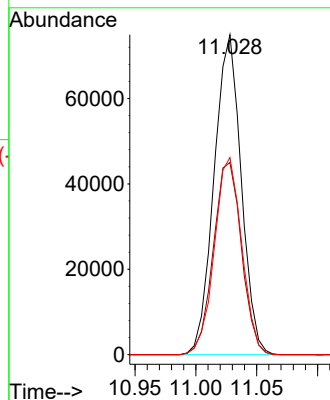
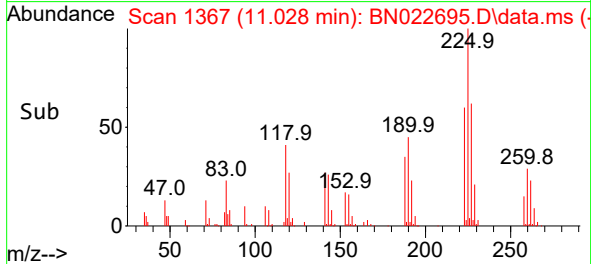


#33
Hexachlorobutadiene
Concen: 32.412 ng/ul
RT: 11.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Instrument :
BNA_N
ClientSampleId :

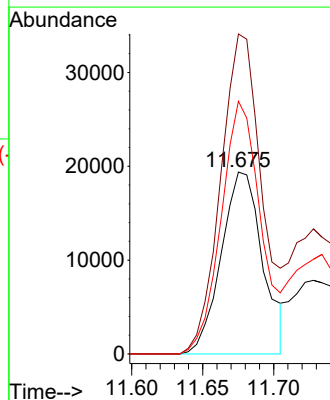
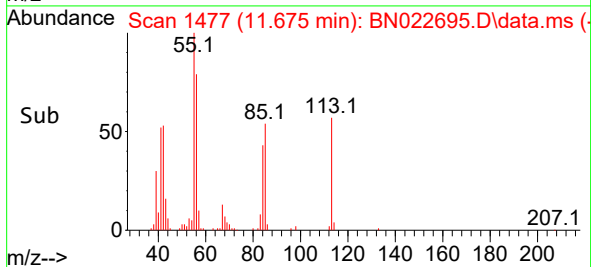
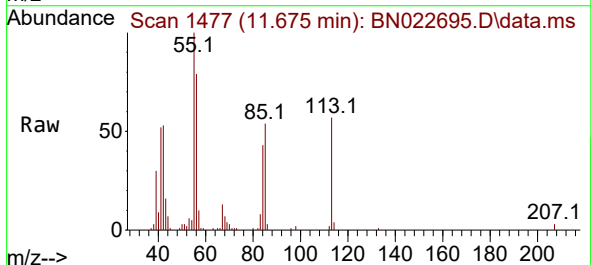


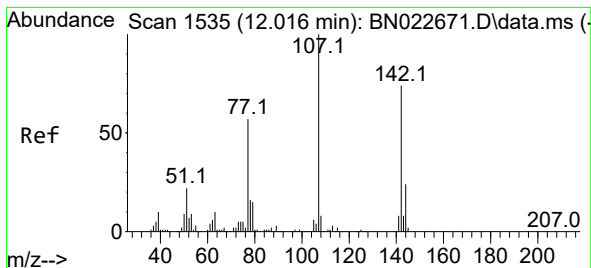
Tgt Ion:225 Resp: 116275
Ion Ratio Lower Upper
225 100
223 60.0 48.6 73.0
227 61.6 47.8 71.8



#34
Caprolactam
Concen: 17.752 ng/ul
RT: 11.675 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion:113 Resp: 39251
Ion Ratio Lower Upper
113 100
55 175.9 133.8 200.8
56 138.9 103.8 155.6

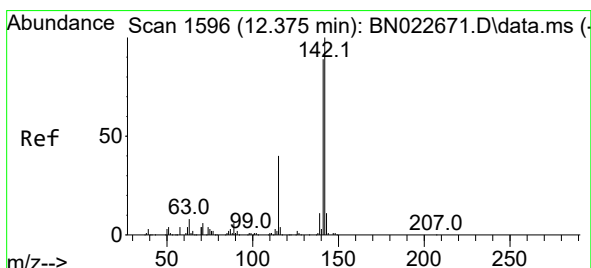
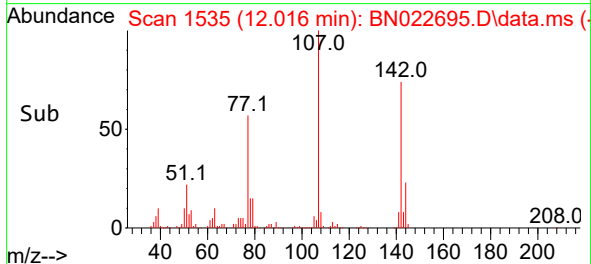
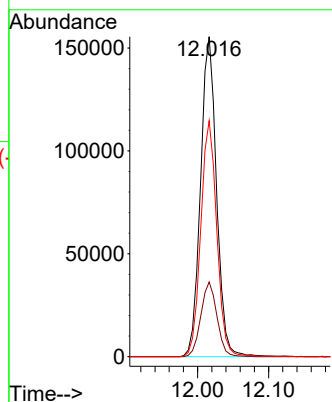
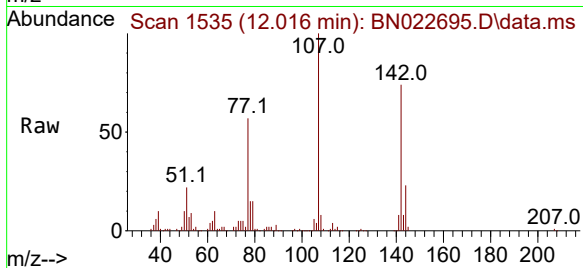




#35
 4-Chloro-3-methylphenol
 Concen: 32.130 ng/ul
 RT: 12.016 min Scan# 1535
 Delta R.T. -0.006 min
 Lab File: BN022695.D
 Acq: 16 Nov 2022 20:03

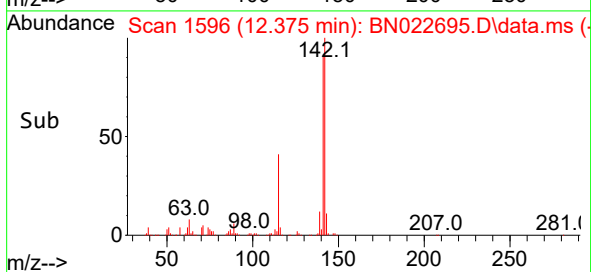
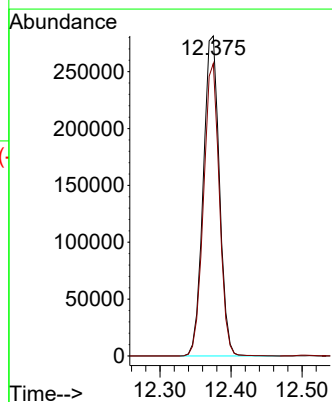
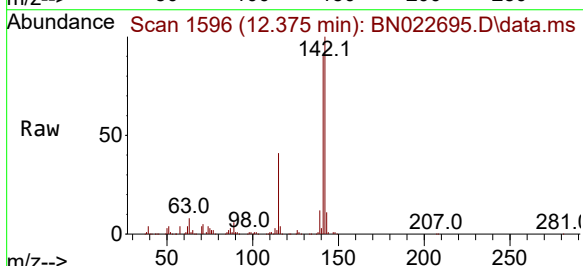
Instrument :
 BNA_N
 ClientSampleId :

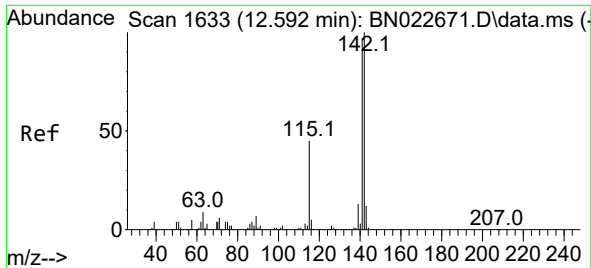
Tgt Ion:107 Resp: 244226
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.0 28.4
 142 73.7 57.0 85.6



#36
 2-Methylnaphthalene
 Concen: 31.595 ng/ul
 RT: 12.375 min Scan# 1596
 Delta R.T. 0.000 min
 Lab File: BN022695.D
 Acq: 16 Nov 2022 20:03

Tgt Ion:142 Resp: 444912
 Ion Ratio Lower Upper
 142 100
 141 91.4 71.2 106.8

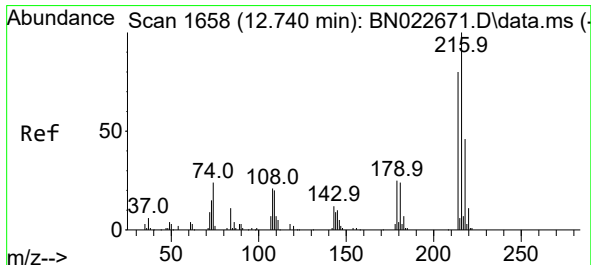
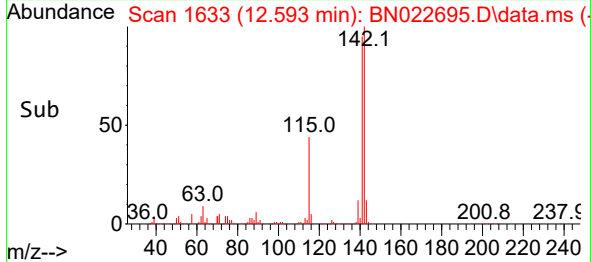
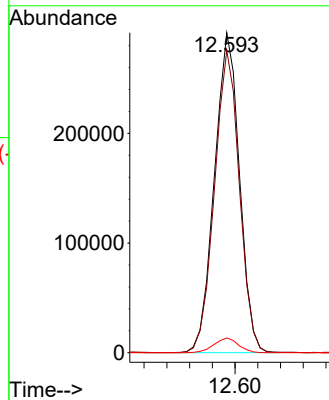
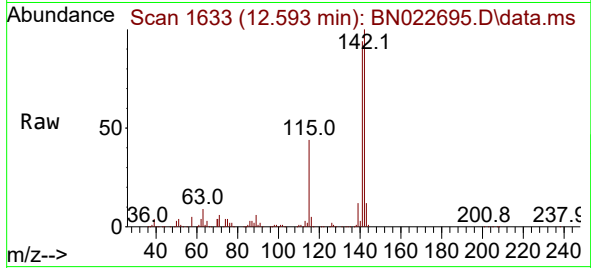




#37
1-Methylnaphthalene
Concen: 31.587 ng/ul
RT: 12.593 min Scan# 1633
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

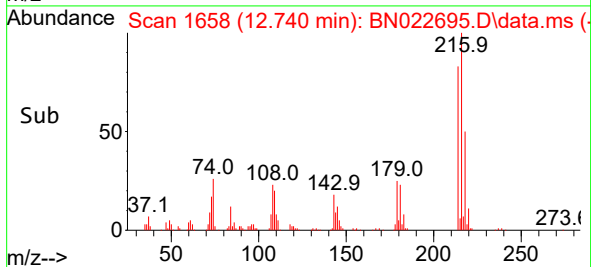
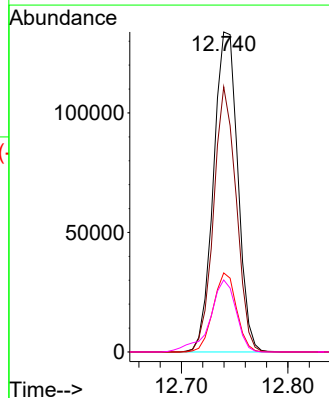
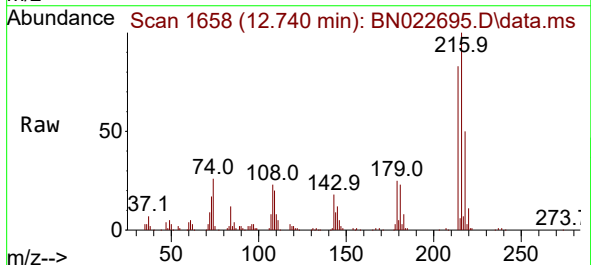
Instrument :
BNA_N
ClientSampleId :

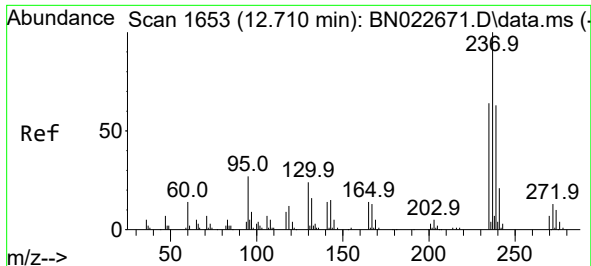
Tgt Ion:142 Resp: 445887
Ion Ratio Lower Upper
142 100
141 94.4 77.2 115.8
116 4.6 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.123 ng/ul
RT: 12.740 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

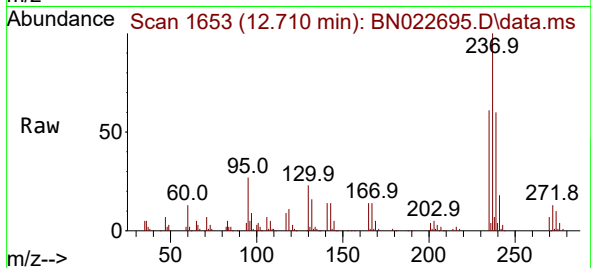
Tgt Ion:216 Resp: 211678
Ion Ratio Lower Upper
216 100
214 82.8 62.9 94.3
179 24.7 19.0 28.4
108 22.5 17.4 26.2



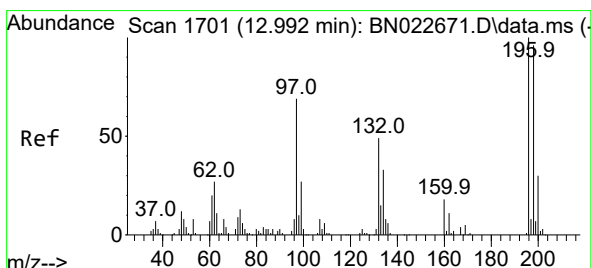
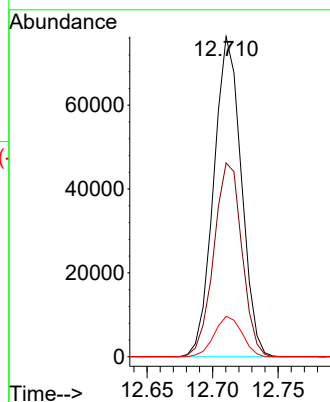
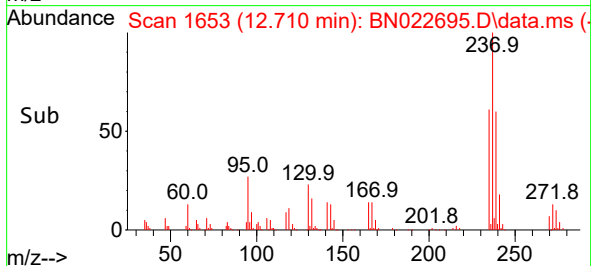


#40
Hexachlorocyclopentadiene
Concen: 29.017 ng/ul
RT: 12.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

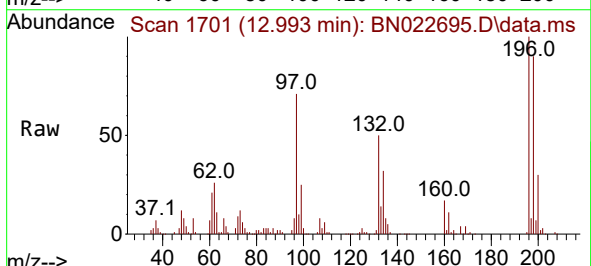
Instrument :
BNA_N
ClientSampleId :



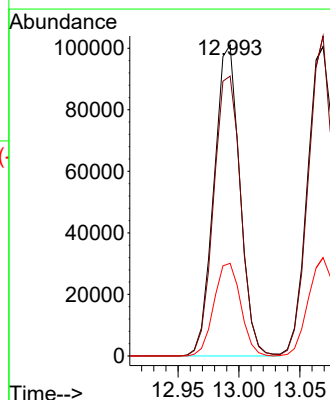
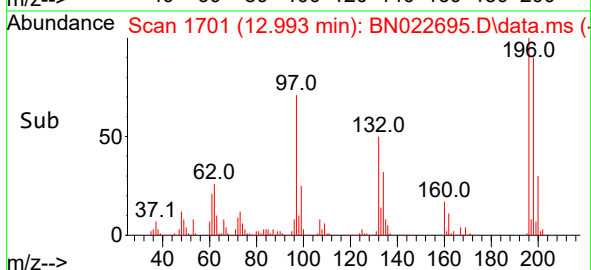
Tgt Ion:237 Resp: 111638
Ion Ratio Lower Upper
237 100
235 60.6 50.3 75.5
272 12.6 9.4 14.2

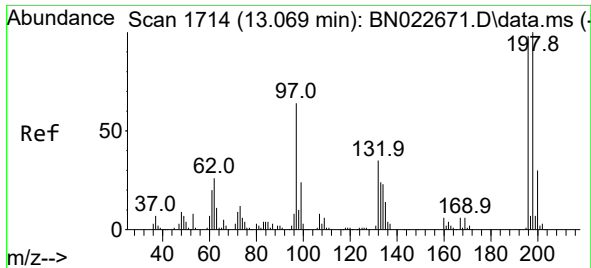


#41
2,4,6-Trichlorophenol
Concen: 32.064 ng/ul
RT: 12.993 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03



Tgt Ion:196 Resp: 150015
Ion Ratio Lower Upper
196 100
198 90.0 77.3 115.9
200 29.8 25.4 38.2

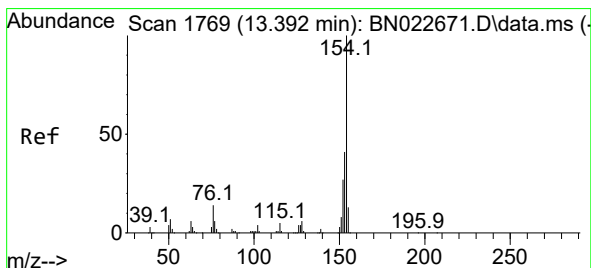
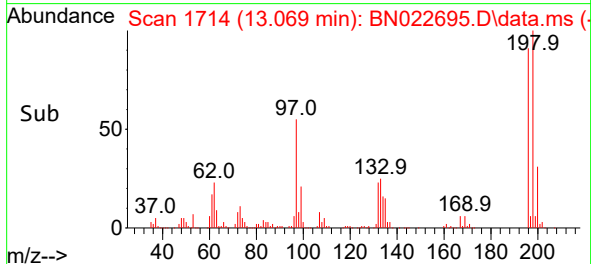
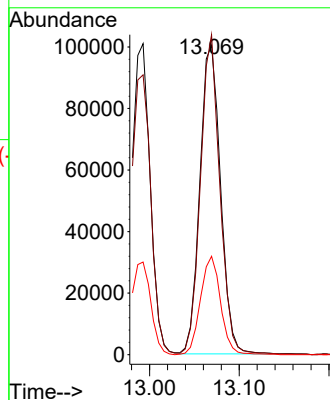
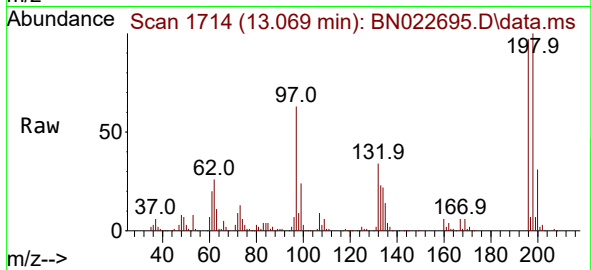




#42
2,4,5-Trichlorophenol
Concen: 32.376 ng/ul
RT: 13.069 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

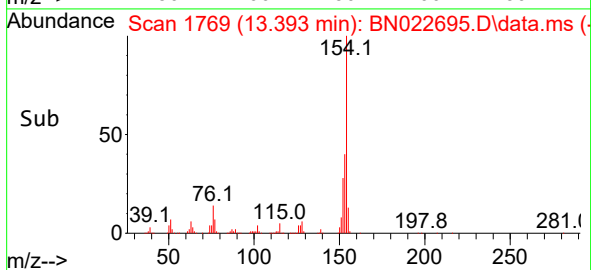
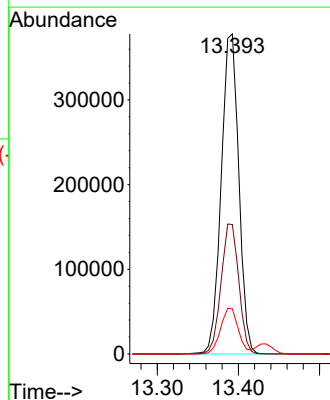
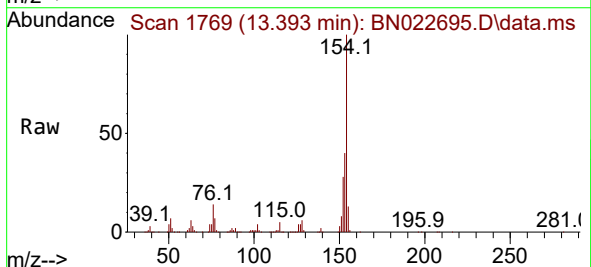
Instrument :
BNA_N
ClientSampleId :

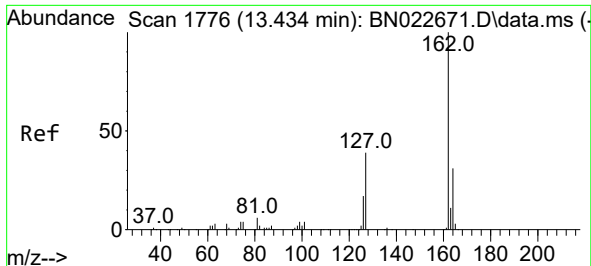
Tgt Ion:196 Resp: 160405
Ion Ratio Lower Upper
196 100
198 103.4 78.8 118.2
200 31.8 26.0 39.0



#43
1,1'-Biphenyl
Concen: 31.581 ng/ul
RT: 13.393 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

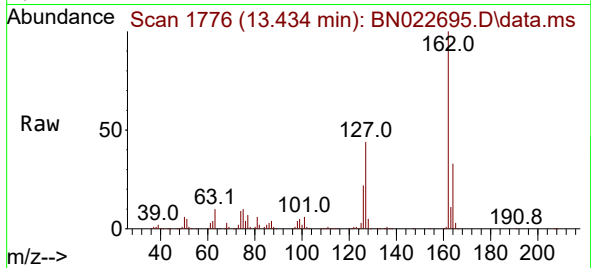
Tgt Ion:154 Resp: 569104
Ion Ratio Lower Upper
154 100
153 40.5 32.2 48.2
76 14.1 11.2 16.8



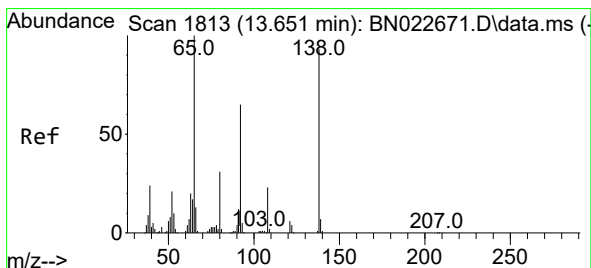
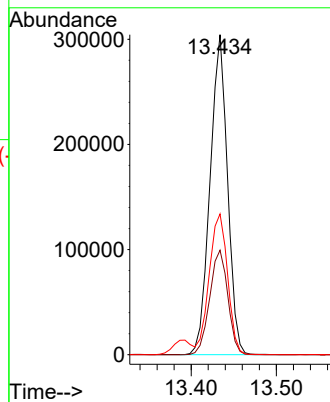
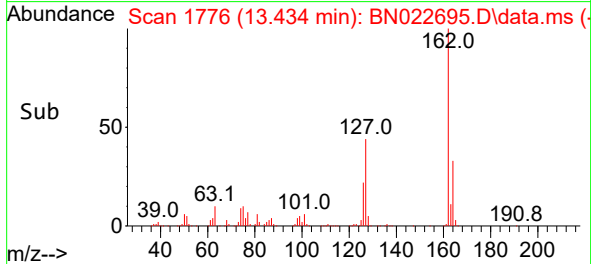


#44
2-Chloronaphthalene
Concen: 30.832 ng/ul
RT: 13.434 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Instrument :
BNA_N
ClientSampleId :

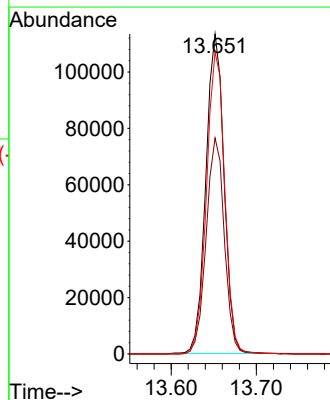
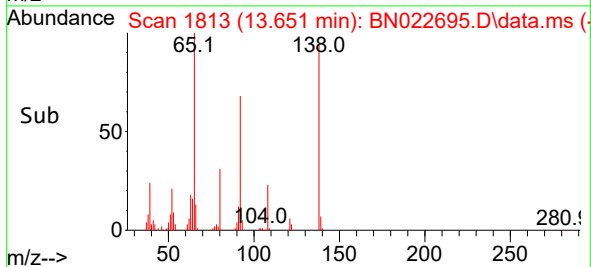
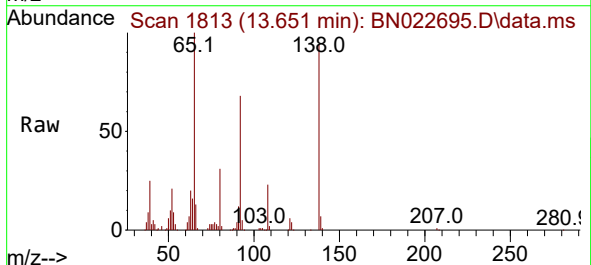


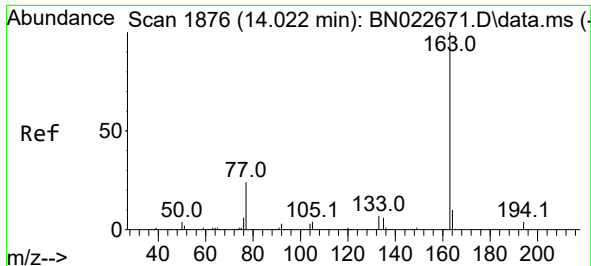
Tgt Ion:162 Resp: 432932
Ion Ratio Lower Upper
162 100
164 32.6 26.0 39.0
127 44.0 37.8 56.6



#45
2-Nitroaniline
Concen: 32.874 ng/ul
RT: 13.651 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion: 65 Resp: 167641
Ion Ratio Lower Upper
65 100
92 67.5 55.2 82.8
138 94.3 74.1 111.1

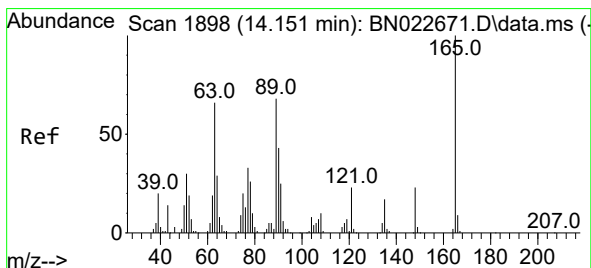
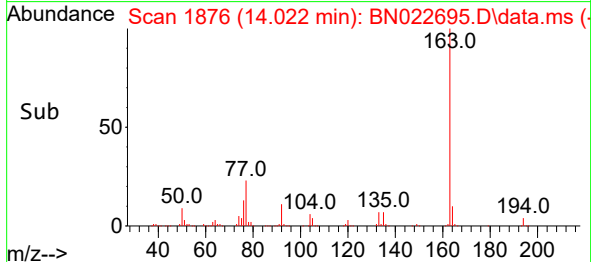
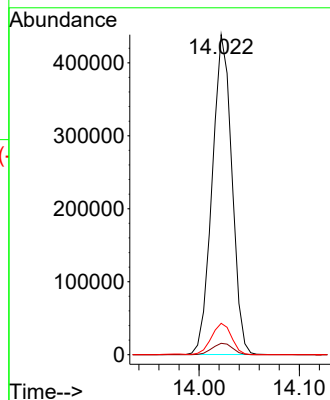
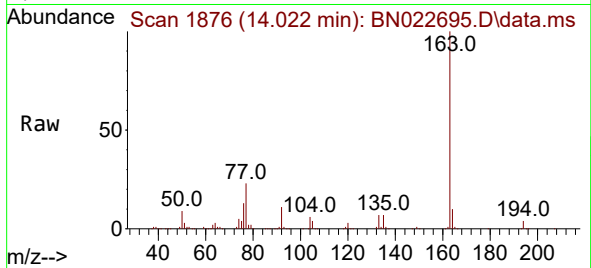




#47
Dimethylphthalate
Concen: 31.822 ng/ul
RT: 14.022 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

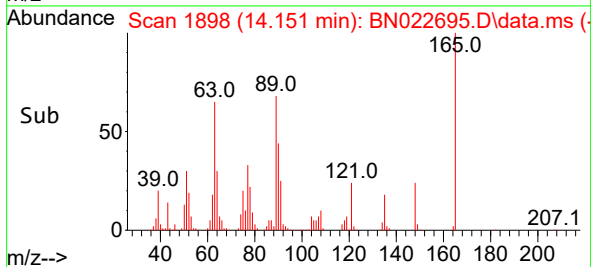
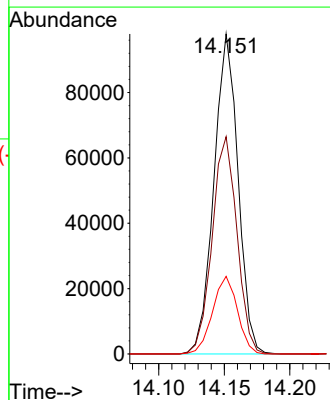
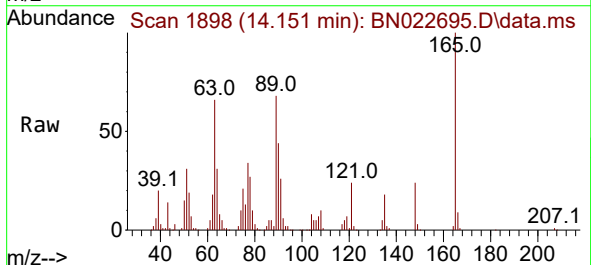
Instrument :
BNA_N
ClientSampleId :

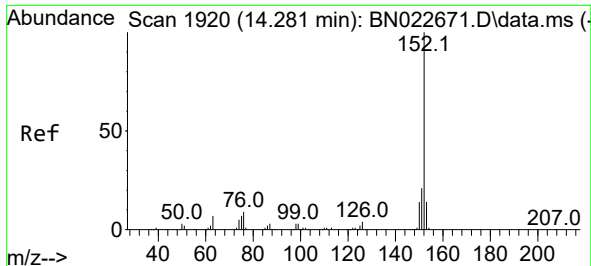
Tgt Ion:163 Resp: 597249
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.8 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 32.871 ng/ul
RT: 14.151 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

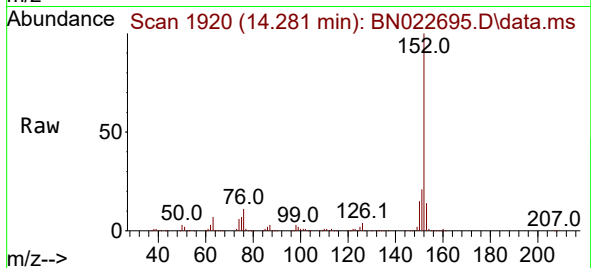
Tgt Ion:165 Resp: 124883
Ion Ratio Lower Upper
165 100
89 67.9 55.2 82.8
121 24.2 19.6 29.4



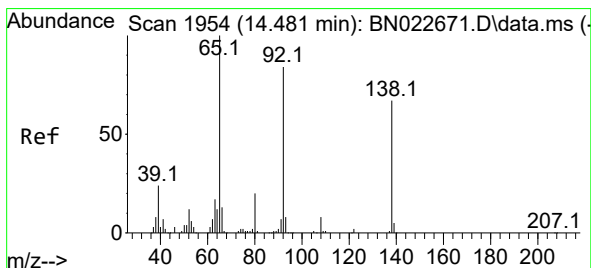
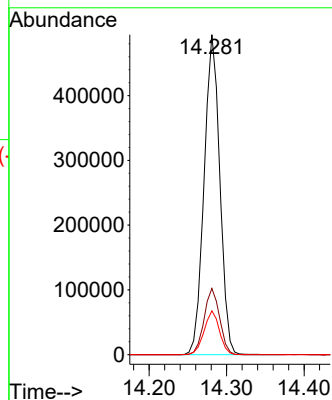
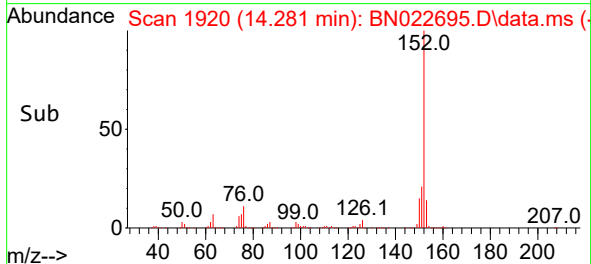


#50
Acenaphthylene
Concen: 31.657 ng/ul
RT: 14.281 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

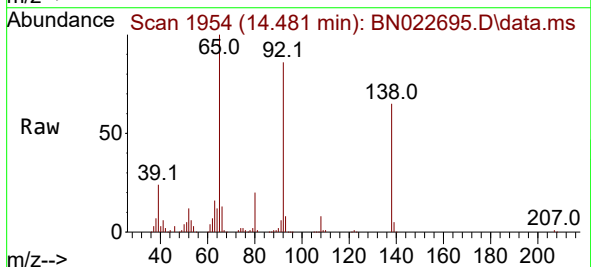
Instrument :
BNA_N
ClientSampleId :



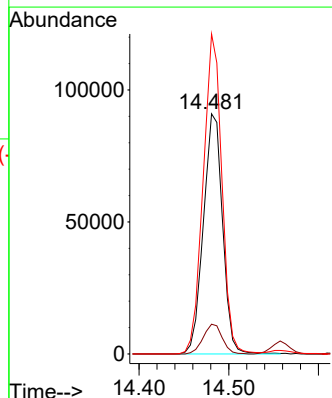
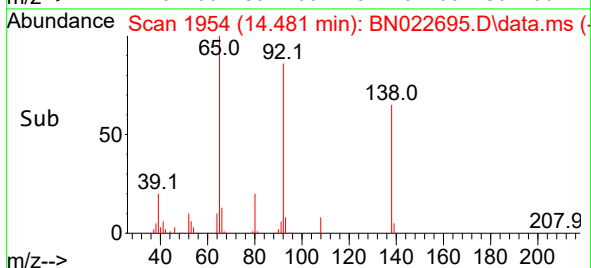
Tgt Ion:152 Resp: 695814
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.7 10.9 16.3

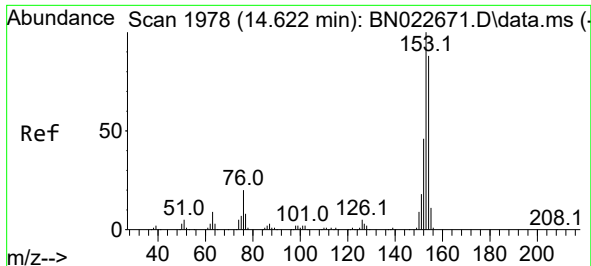


#51
3-Nitroaniline
Concen: 33.027 ng/ul
RT: 14.481 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03



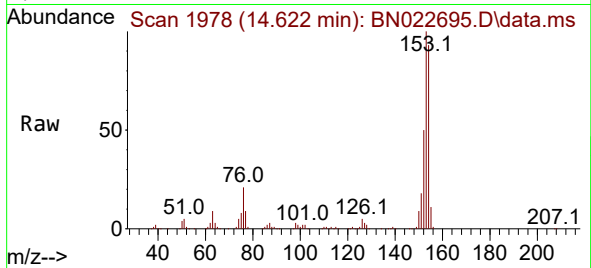
Tgt Ion:138 Resp: 135106
Ion Ratio Lower Upper
138 100
108 12.4 9.7 14.5
92 133.2 103.7 155.5



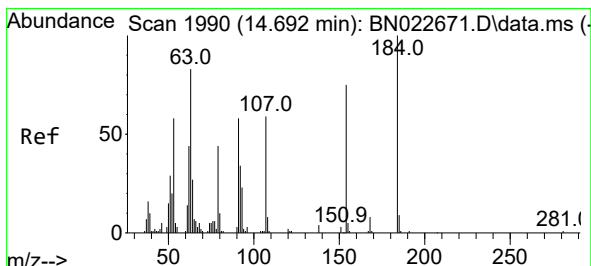
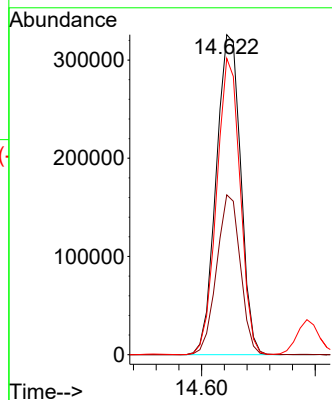
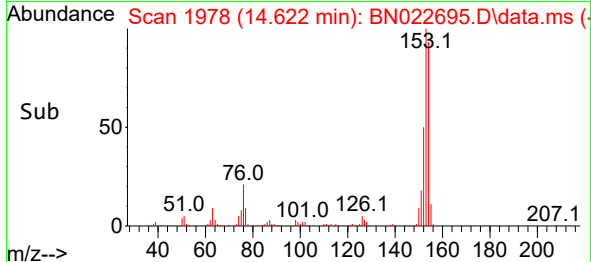


#52
Acenaphthene
Concen: 31.357 ng/ul
RT: 14.622 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

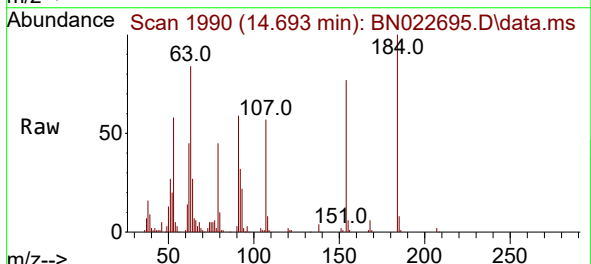
Instrument :
BNA_N
ClientSampleId :



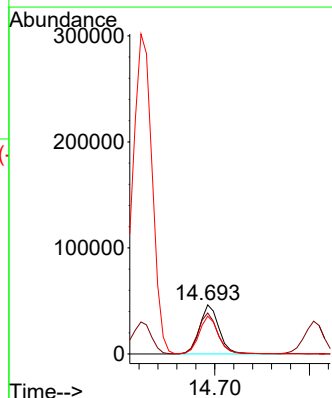
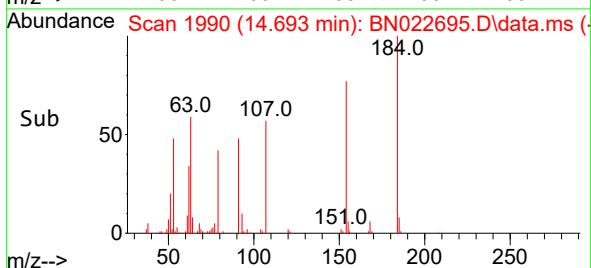
Tgt Ion:153 Resp: 489006
Ion Ratio Lower Upper
153 100
152 49.9 38.2 57.4
154 92.6 71.9 107.9

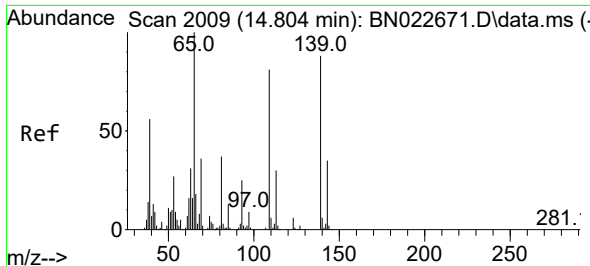


#53
2,4-Dinitrophenol
Concen: 24.718 ng/ul
RT: 14.693 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03



Tgt Ion:184 Resp: 65628
Ion Ratio Lower Upper
184 100
63 83.5 66.4 99.6
154 77.1 59.4 89.0

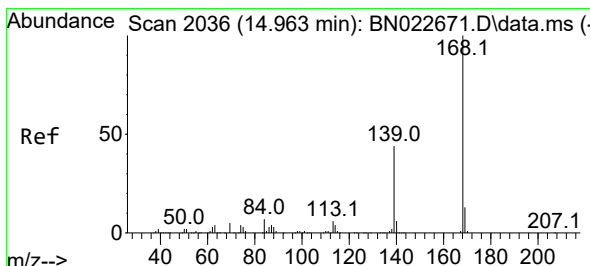
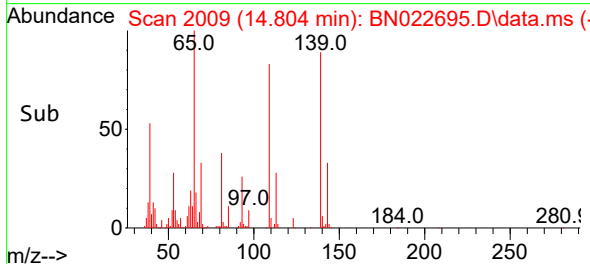
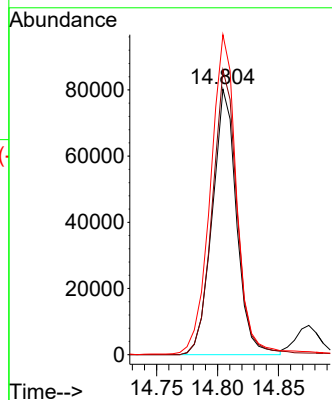
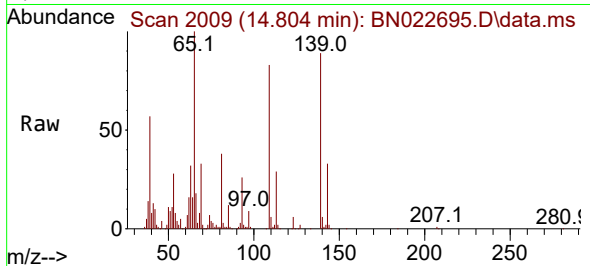




#55
4-Nitrophenol
Concen: 31.588 ng/ul
RT: 14.804 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

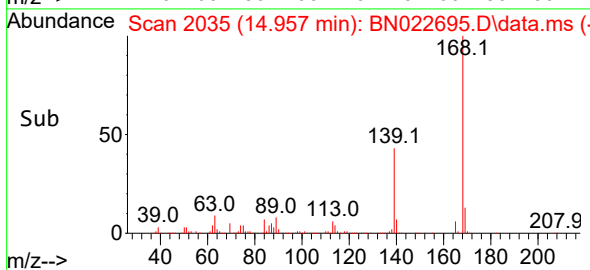
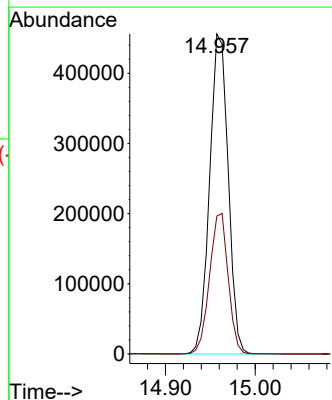
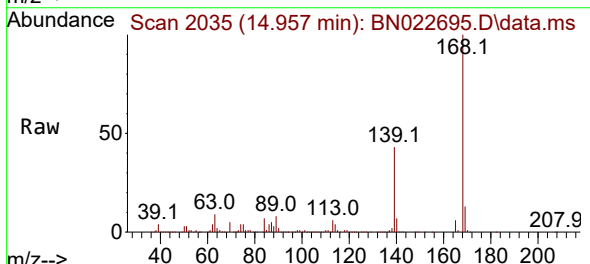
Instrument :
BNA_N
ClientSampleId :

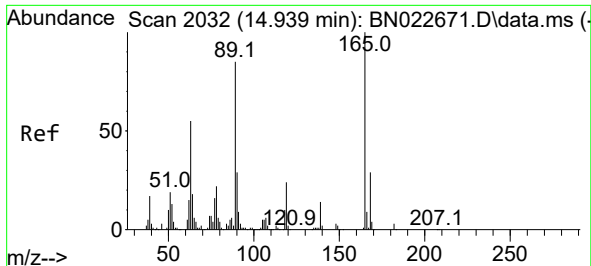
Tgt Ion:109 Resp: 111462
Ion Ratio Lower Upper
109 100
139 107.2 86.0 129.0
65 120.4 102.6 154.0



#56
Dibenzofuran
Concen: 31.783 ng/ul
RT: 14.957 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion:168 Resp: 654890
Ion Ratio Lower Upper
168 100
139 43.1 34.6 52.0





#57

2,4-Dinitrotoluene

Concen: 33.164 ng/ul

RT: 14.940 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Instrument :

BNA_N

ClientSampleId :

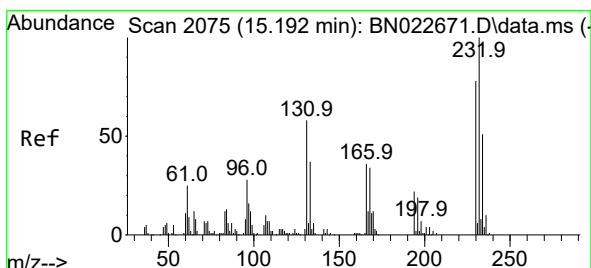
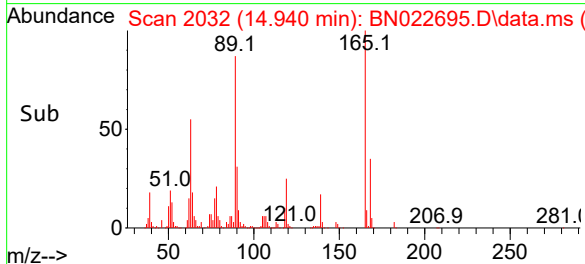
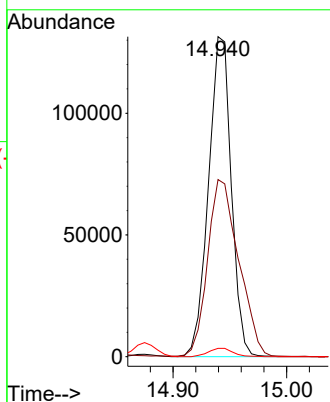
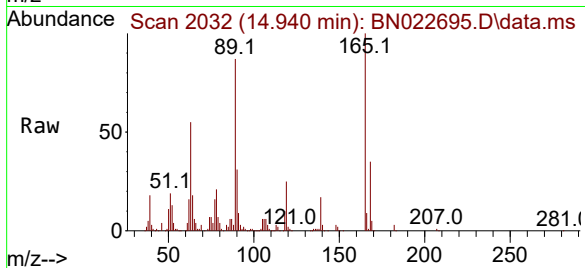
Tgt Ion:165 Resp: 183486

Ion Ratio Lower Upper

165 100

63 55.4 43.4 65.0

182 2.6 2.3 3.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.169 ng/ul

RT: 15.193 min Scan# 2075

Delta R.T. 0.000 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Tgt Ion:232 Resp: 136505

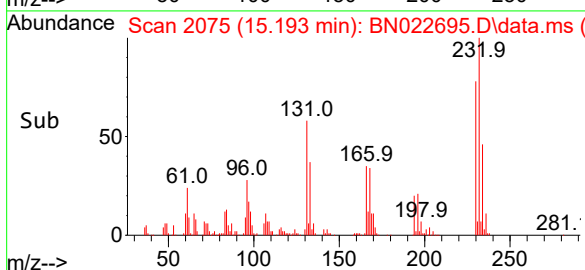
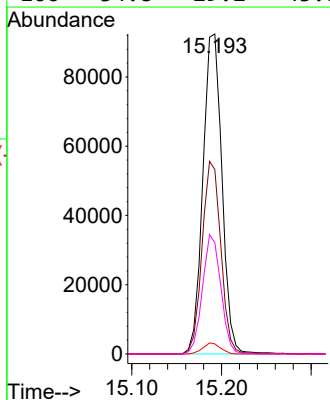
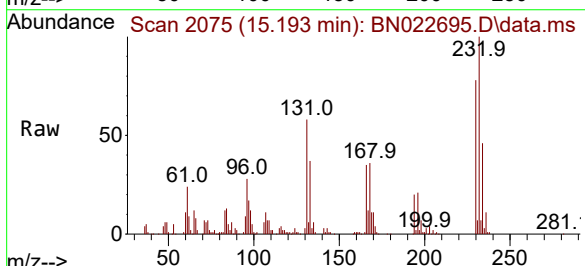
Ion Ratio Lower Upper

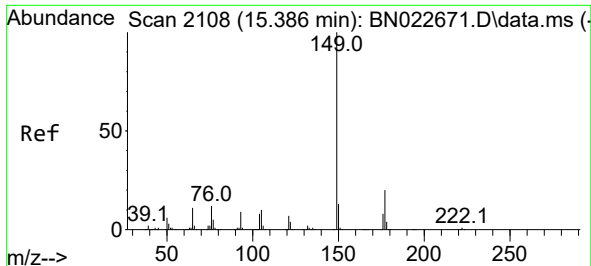
232 100

131 57.7 47.4 71.0

130 3.2 2.6 3.8

166 34.8 29.2 43.8

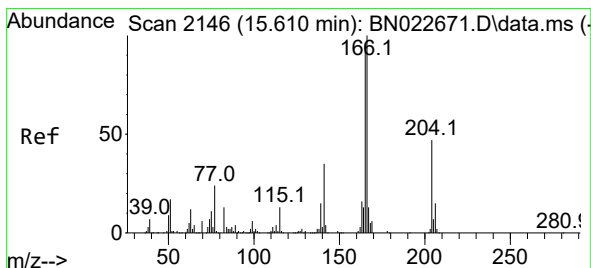
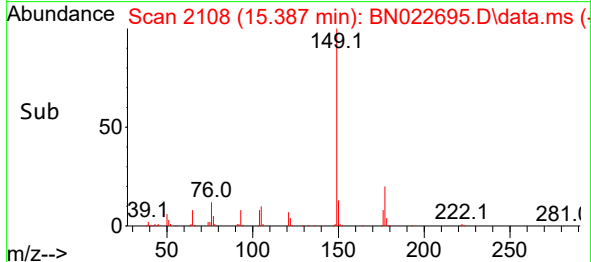
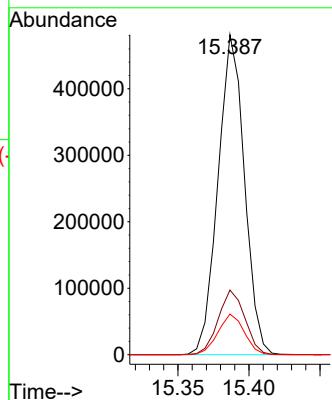
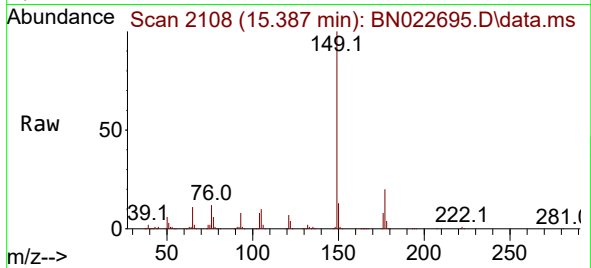




#59
Diethylphthalate
Concen: 31.315 ng/ul
RT: 15.387 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

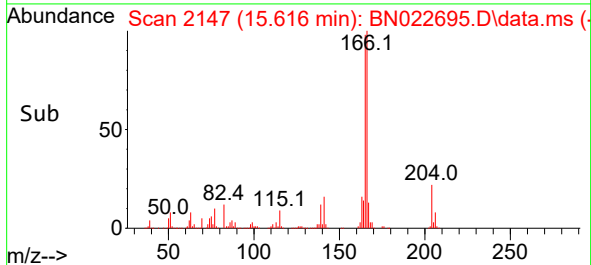
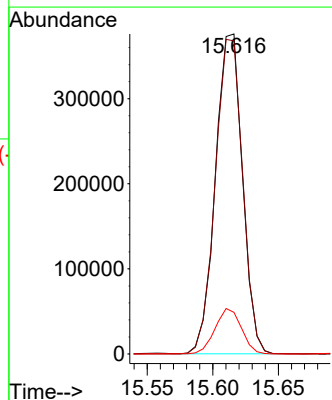
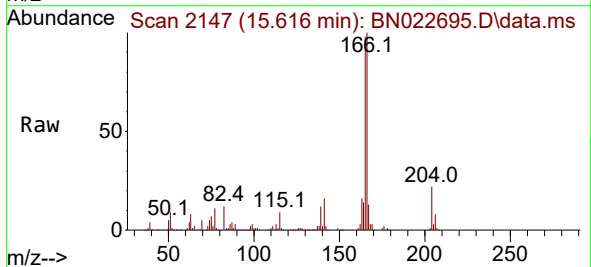
Instrument :
BNA_N
ClientSampleId :

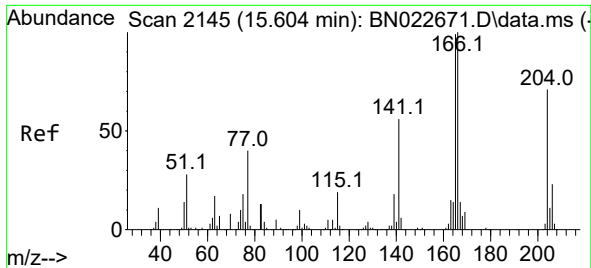
Tgt Ion:149 Resp: 622941
Ion Ratio Lower Upper
149 100
177 20.2 16.2 24.4
150 12.7 9.7 14.5



#61
Fluorene
Concen: 31.266 ng/ul
RT: 15.616 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion:166 Resp: 537998
Ion Ratio Lower Upper
166 100
165 97.9 74.0 111.0
167 13.0 10.2 15.2

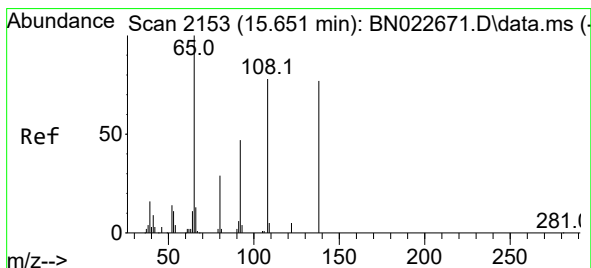
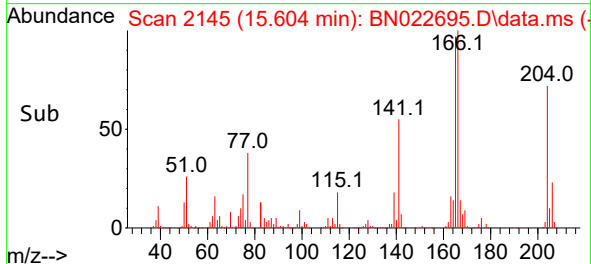
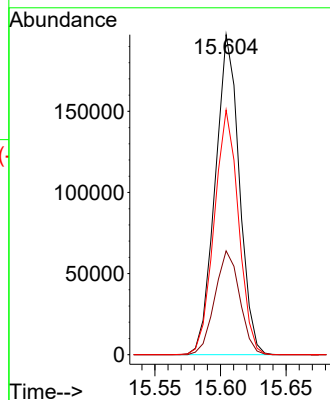
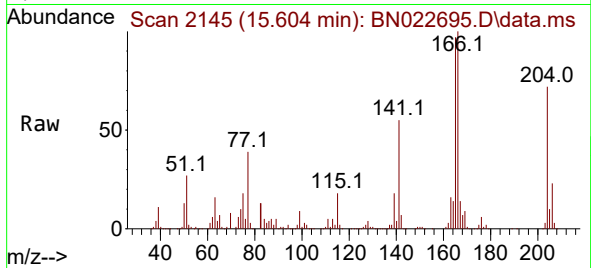




#62
4-Chlorophenyl-phenylether
Concen: 31.075 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

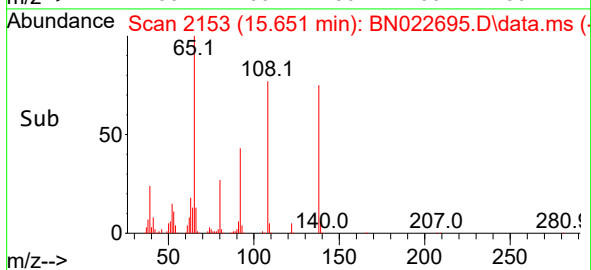
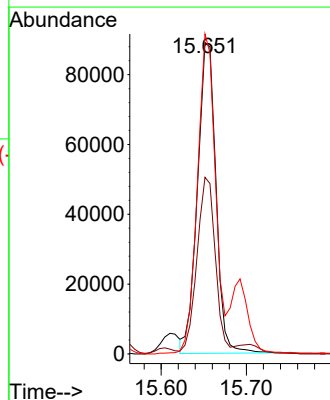
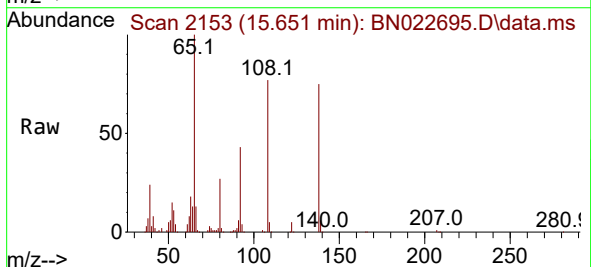
Instrument :
BNA_N
ClientSampleId :

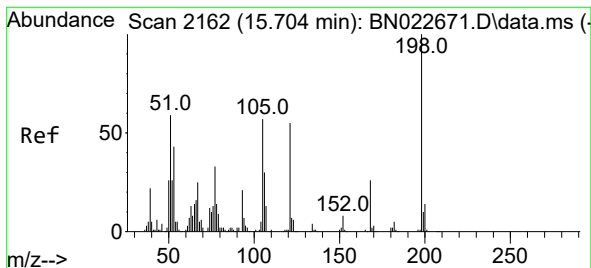
Tgt Ion:204 Resp: 252056
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 76.5 57.2 85.8



#63
4-Nitroaniline
Concen: 36.837 ng/ul
RT: 15.651 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion:138 Resp: 134385
Ion Ratio Lower Upper
138 100
92 56.7 45.5 68.3
108 102.8 79.1 118.7

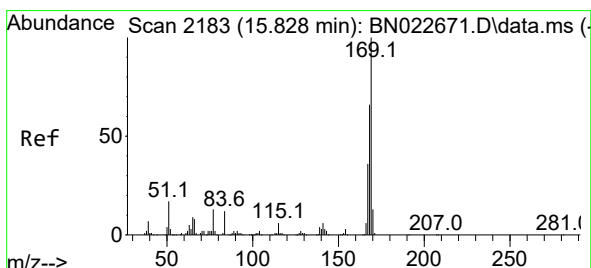
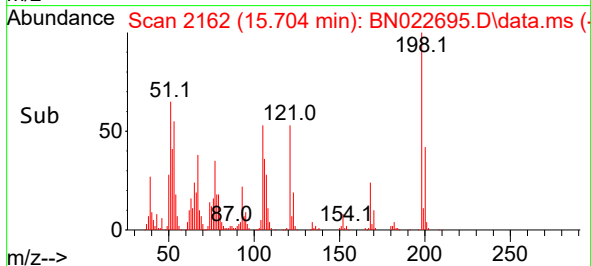
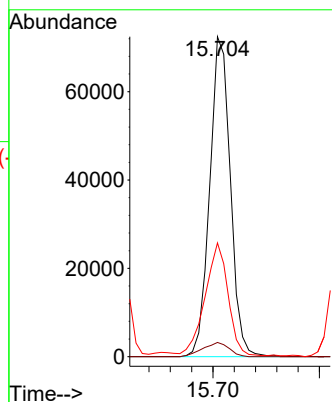
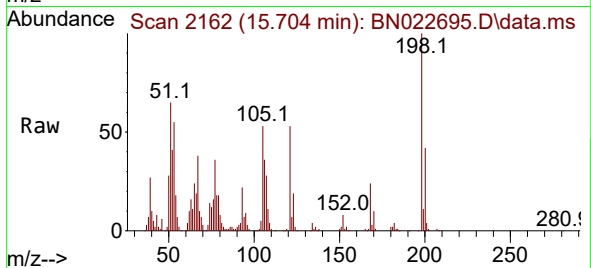




#66
 4,6-Dinitro-2-methylphenol
 Concen: 30.216 ng/ul
 RT: 15.704 min Scan# 2162
 Delta R.T. 0.000 min
 Lab File: BN022695.D
 Acq: 16 Nov 2022 20:03

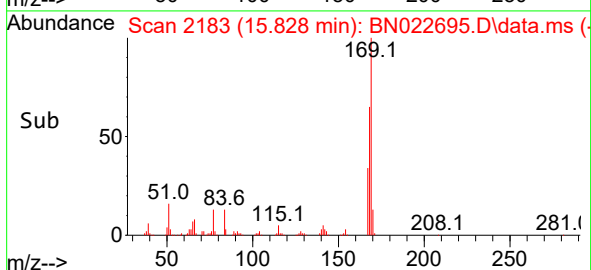
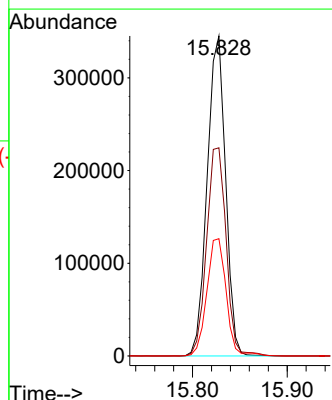
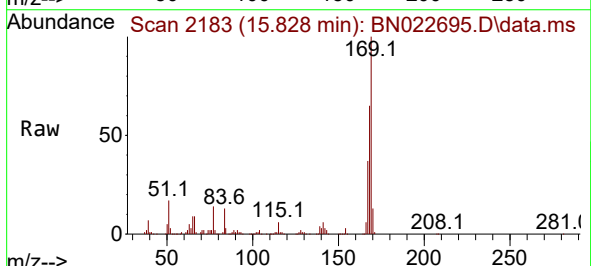
Instrument :
 BNA_N
 ClientSampleId :

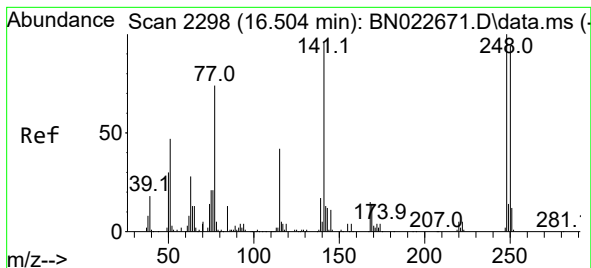
Tgt Ion:198 Resp: 97336
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.1 4.7
 77 35.6 27.3 40.9



#67
 N-Nitrosodiphenylamine
 Concen: 31.667 ng/ul
 RT: 15.828 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: BN022695.D
 Acq: 16 Nov 2022 20:03

Tgt Ion:169 Resp: 464862
 Ion Ratio Lower Upper
 169 100
 168 65.1 52.6 79.0
 167 36.7 30.0 45.0

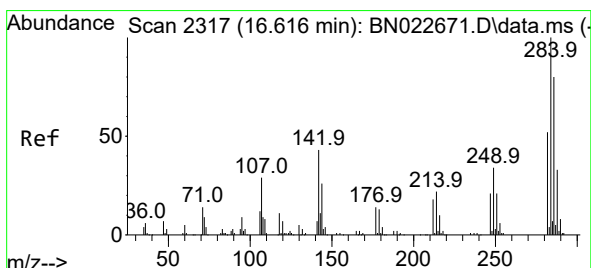
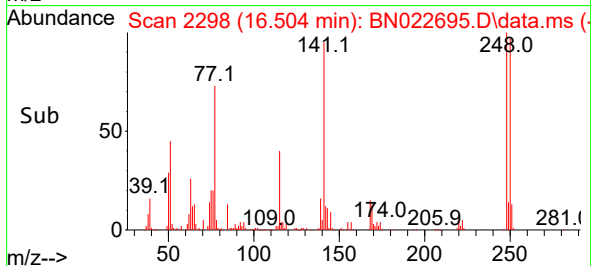
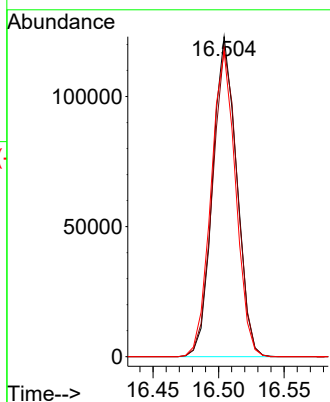
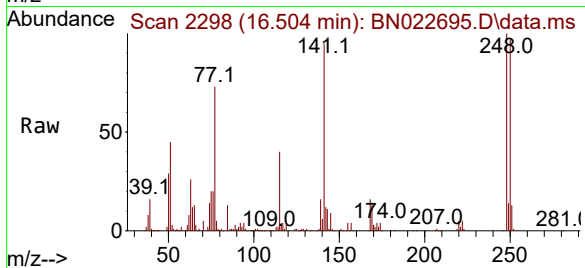




#68
4-Bromophenyl-phenylether
Concen: 32.546 ng/ul
RT: 16.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

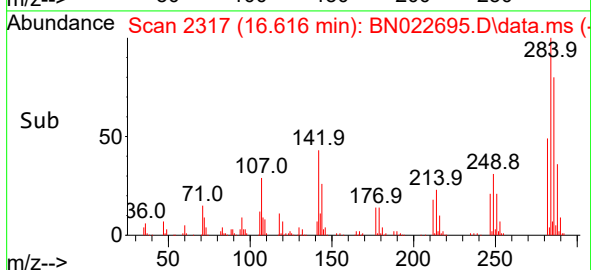
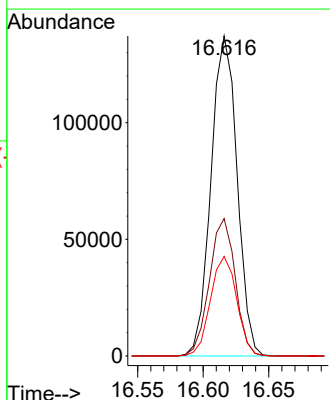
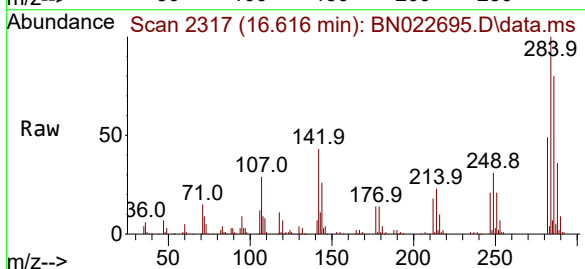
Instrument :
BNA_N
ClientSampleId :

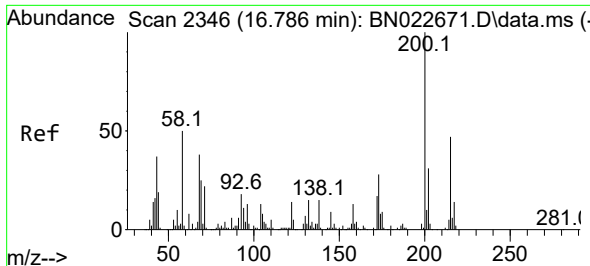
Tgt Ion:248 Resp: 157141
Ion Ratio Lower Upper
248 100
250 96.7 77.0 115.4
141 95.4 77.0 115.4



#69
Hexachlorobenzene
Concen: 33.663 ng/ul
RT: 16.616 min Scan# 2317
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

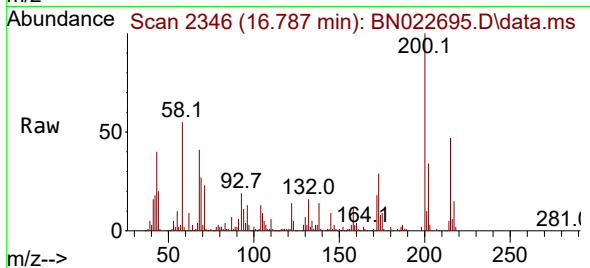
Tgt Ion:284 Resp: 189995
Ion Ratio Lower Upper
284 100
142 43.0 37.9 56.9
249 31.1 28.6 43.0



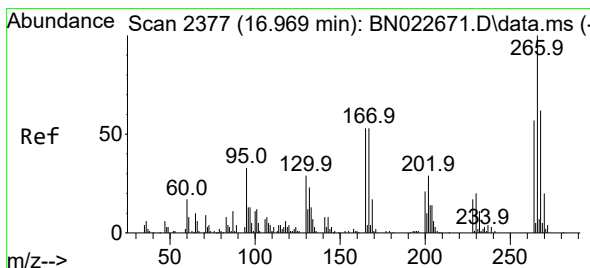
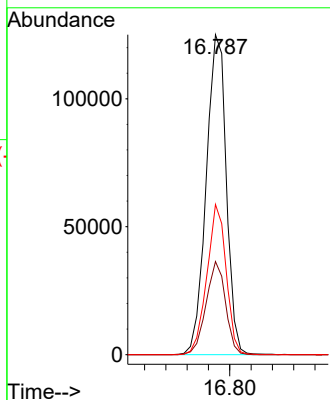
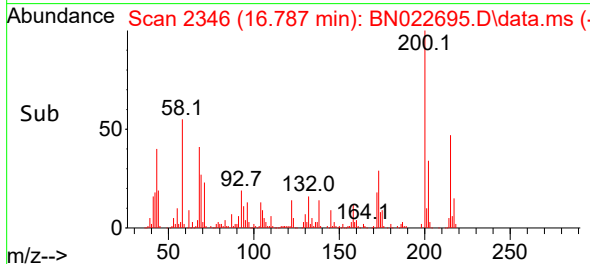


#70
Atrazine
Concen: 31.420 ng/ul
RT: 16.787 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Instrument :
BNA_N
ClientSampleId :

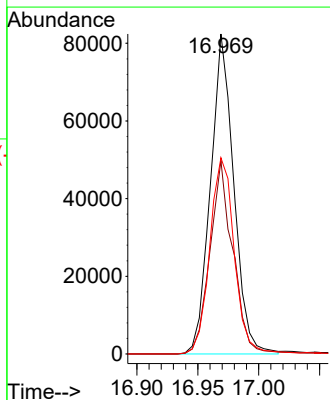
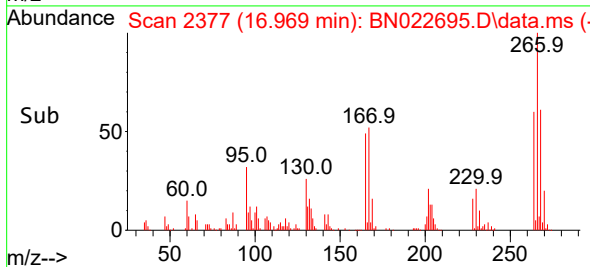
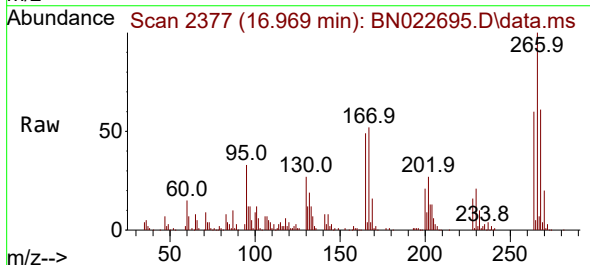


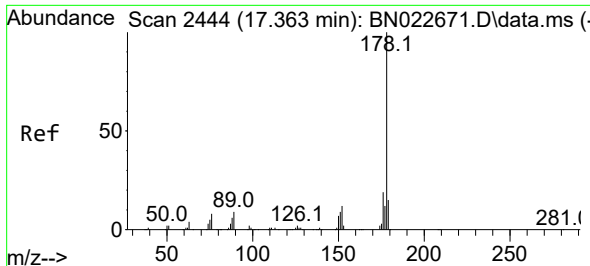
Tgt Ion:200 Resp: 164414
Ion Ratio Lower Upper
200 100
173 29.1 23.2 34.8
215 47.0 38.1 57.1



#71
Pentachlorophenol
Concen: 30.577 ng/ul
RT: 16.969 min Scan# 2377
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion:266 Resp: 109649
Ion Ratio Lower Upper
266 100
264 60.4 47.8 71.8
268 61.3 50.2 75.2

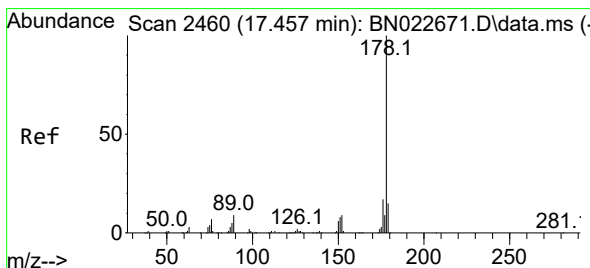
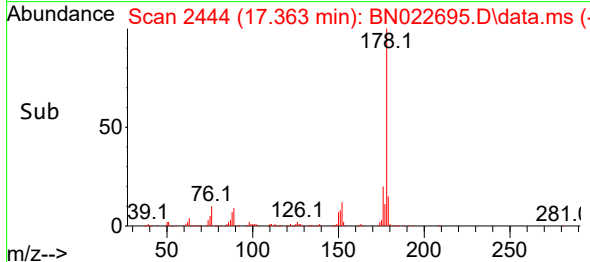
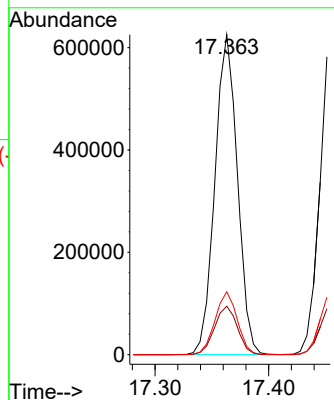
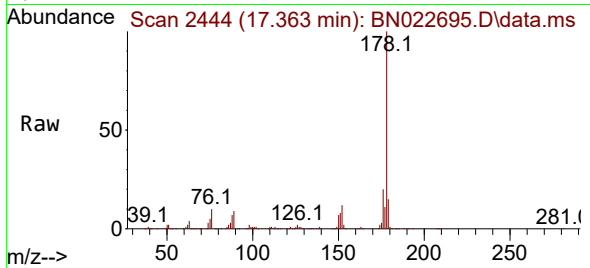




#72
Phenanthrene
Concen: 32.528 ng/u1
RT: 17.363 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

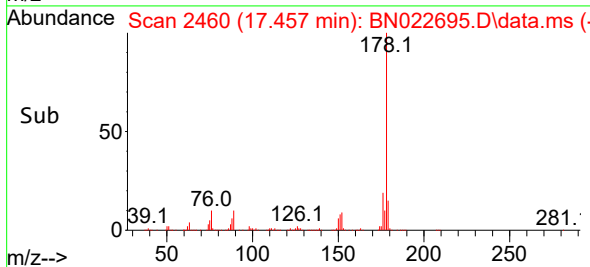
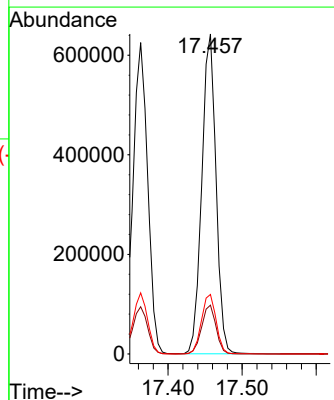
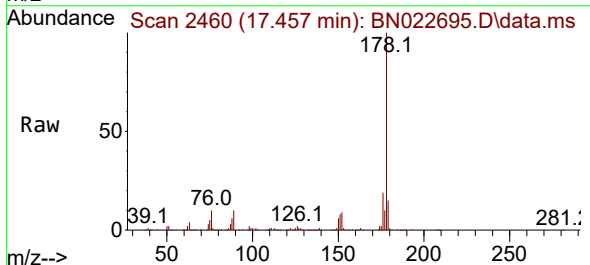
Instrument :
BNA_N
ClientSampleId :

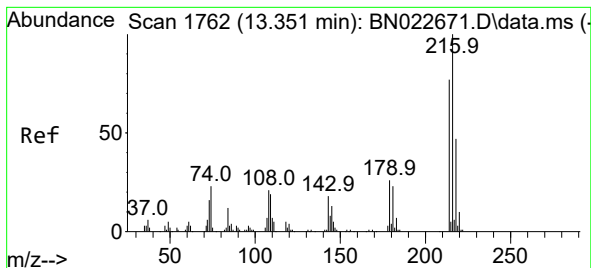
Tgt Ion:178 Resp: 859614
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.6
176 19.6 16.1 24.1



#74
Anthracene
Concen: 32.009 ng/u1
RT: 17.457 min Scan# 2460
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion:178 Resp: 856829
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 18.6 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 32.022 ng/uL

RT: 13.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Instrument :

BNA_N

ClientSampleId :

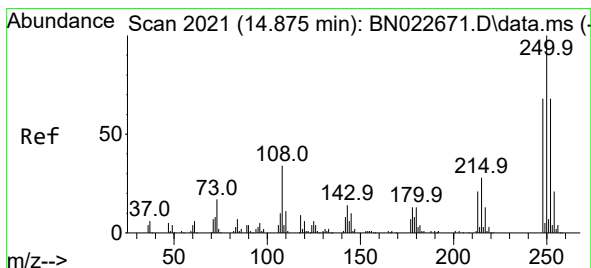
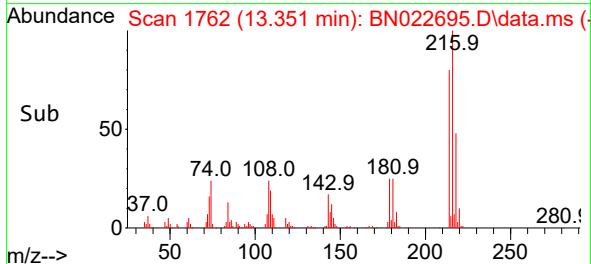
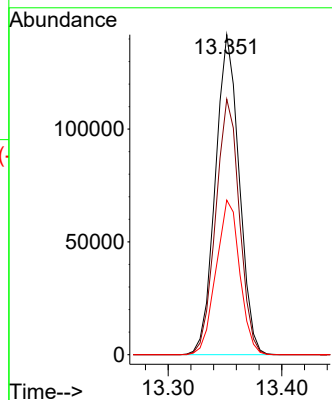
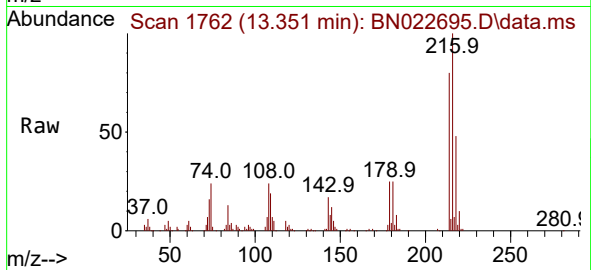
Tgt Ion:216 Resp: 207048

Ion Ratio Lower Upper

216 100

214 79.8 60.3 90.5

218 48.3 39.2 58.8



#76

Pentachlorobenzene

Concen: 28.881 ng/uL

RT: 14.875 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

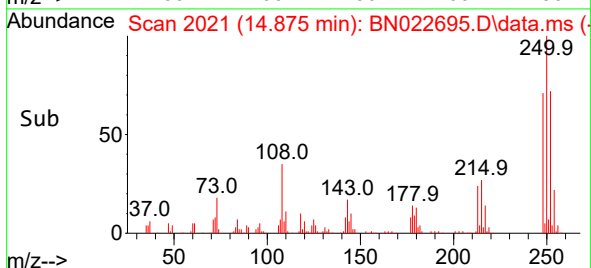
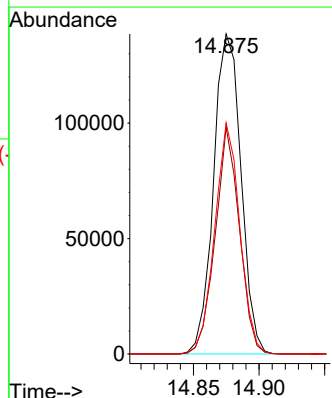
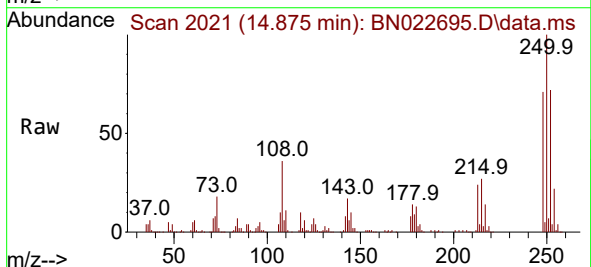
Tgt Ion:250 Resp: 201537

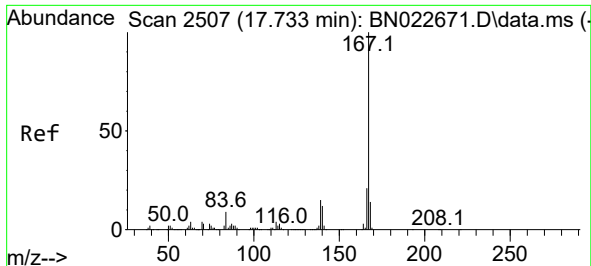
Ion Ratio Lower Upper

250 100

248 70.9 50.7 76.1

252 72.2 51.0 76.4

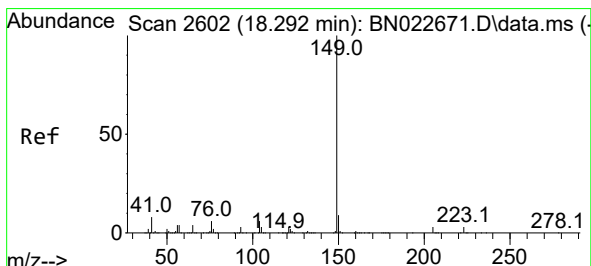
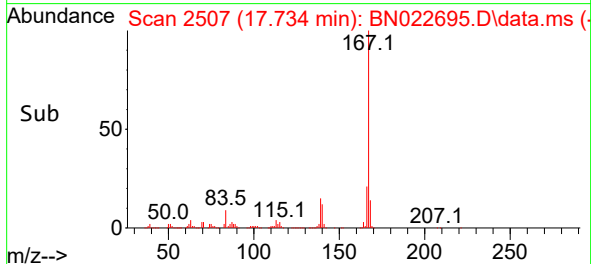
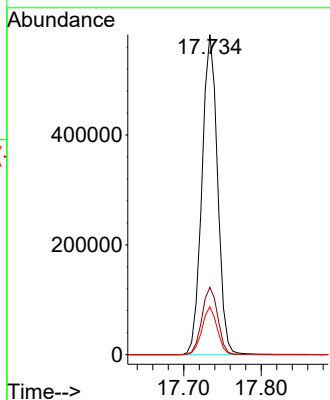
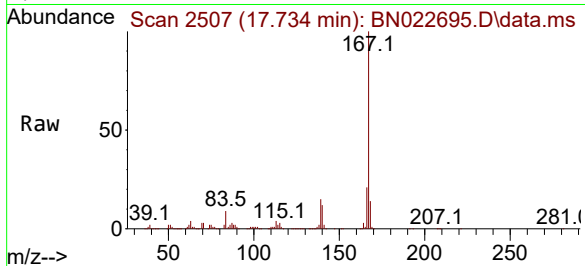




#77
 Carbazole
 Concen: 32.759 ng/ul
 RT: 17.734 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN022695.D
 Acq: 16 Nov 2022 20:03

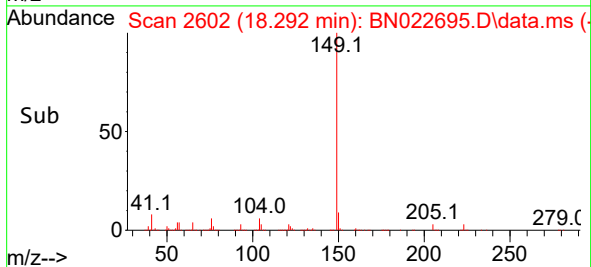
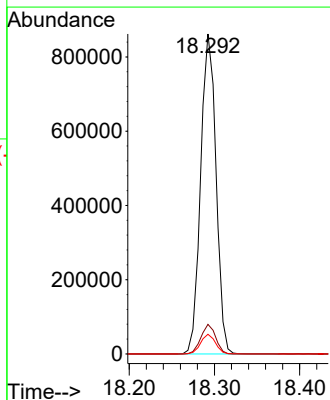
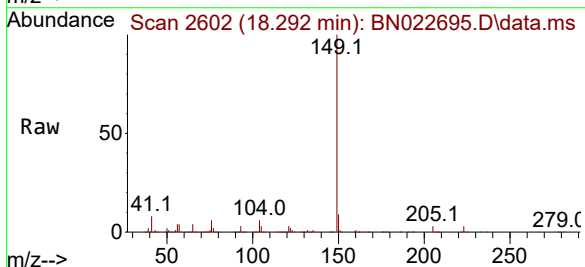
Instrument :
 BNA_N
 ClientSampleId :

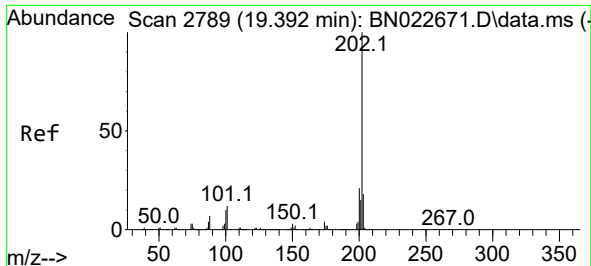
Tgt Ion:167 Resp: 814785
 Ion Ratio Lower Upper
 167 100
 166 21.1 18.2 27.2
 139 15.0 11.9 17.9



#78
 Di-n-butylphthalate
 Concen: 30.565 ng/ul
 RT: 18.292 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: BN022695.D
 Acq: 16 Nov 2022 20:03

Tgt Ion:149 Resp: 1081912
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.2 4.6 7.0

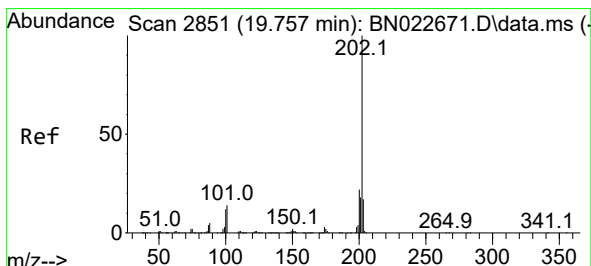
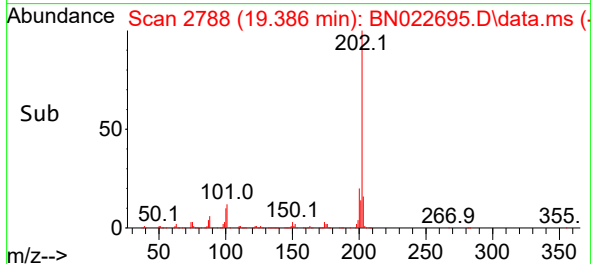
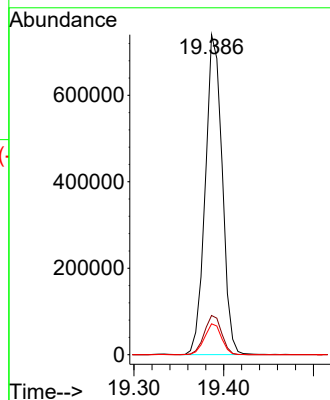
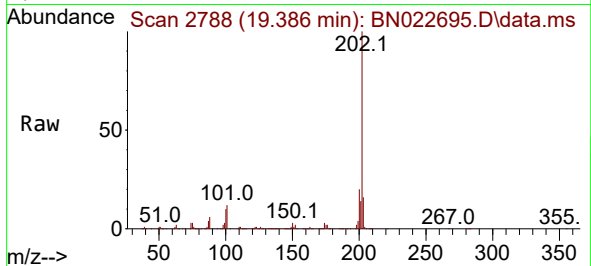




#80
Fluoranthene
Concen: 33.807 ng/ul
RT: 19.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

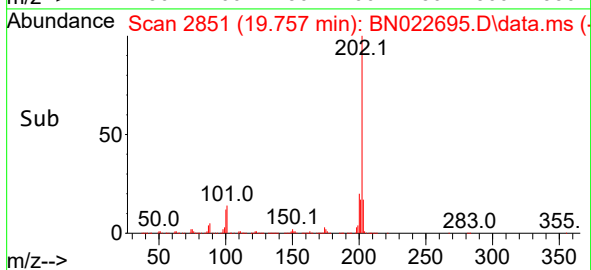
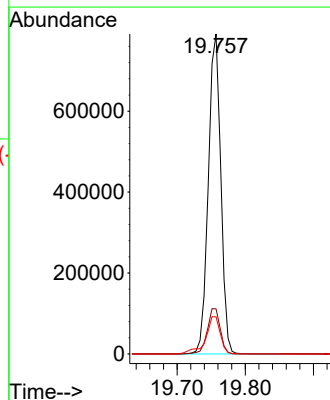
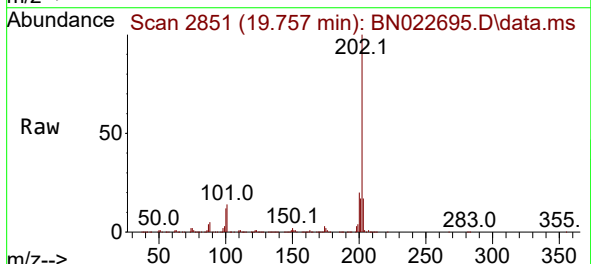
Instrument :
BNA_N
ClientSampleId :

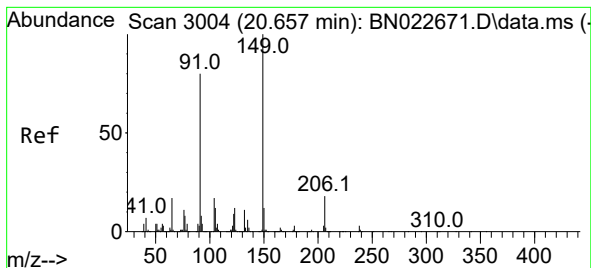
Tgt Ion:202 Resp: 966659
Ion Ratio Lower Upper
202 100
101 12.2 9.2 13.8
100 9.7 7.3 10.9



#82
Pyrene
Concen: 34.376 ng/ul
RT: 19.757 min Scan# 2851
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion:202 Resp: 1006910
Ion Ratio Lower Upper
202 100
101 14.1 11.9 17.9
100 11.6 9.5 14.3





#83

Butylbenzylphthalate

Concen: 33.534 ng/ul

RT: 20.657 min Scan# 3004

Delta R.T. 0.000 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Instrument :

BNA_N

ClientSampleId :

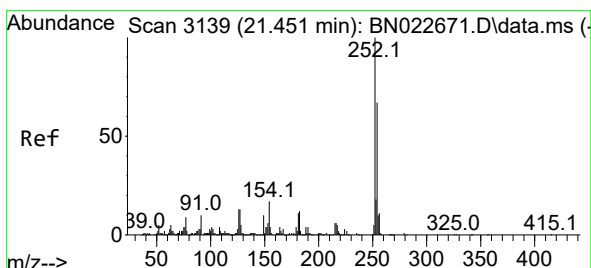
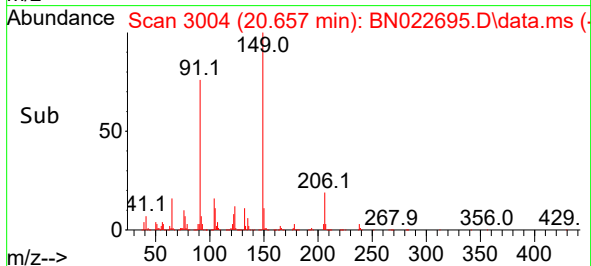
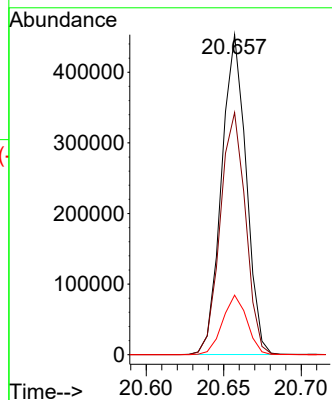
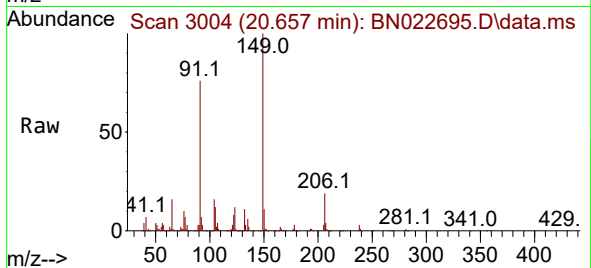
Tgt Ion:149 Resp: 499983

Ion Ratio Lower Upper

149 100

91 75.6 63.4 95.2

206 18.6 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 33.476 ng/ul

RT: 21.451 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

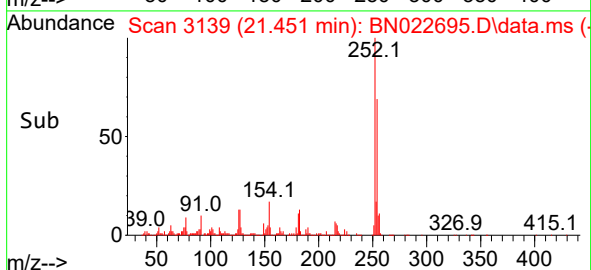
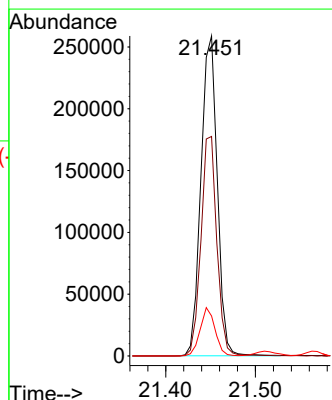
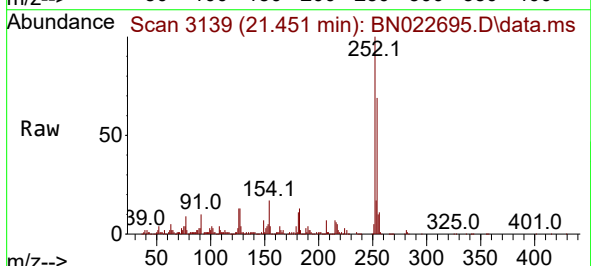
Tgt Ion:252 Resp: 326531

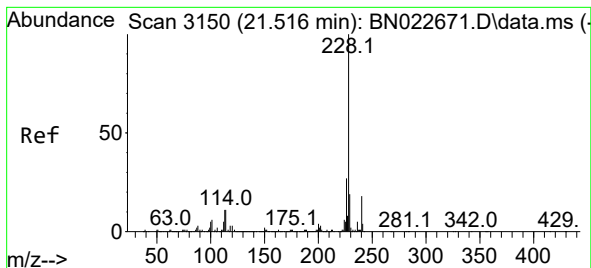
Ion Ratio Lower Upper

252 100

254 68.6 49.0 73.6

126 12.5 11.4 17.0





#85

Benzo(a)anthracene

Concen: 32.739 ng/ul

RT: 21.510 min Scan# 3150

Delta R.T. -0.006 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Instrument :

BNA_N

ClientSampleId :

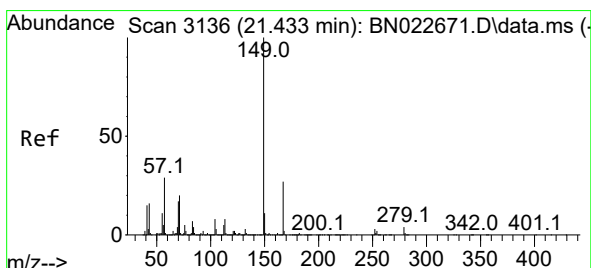
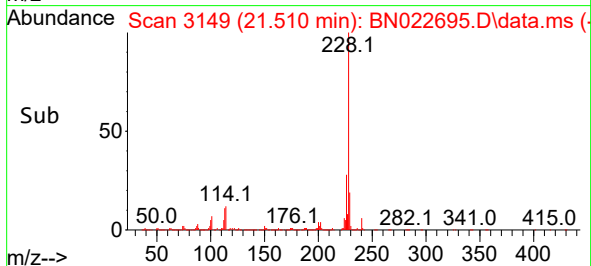
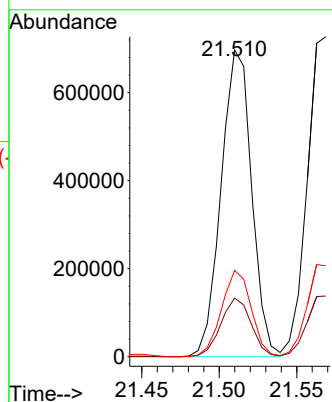
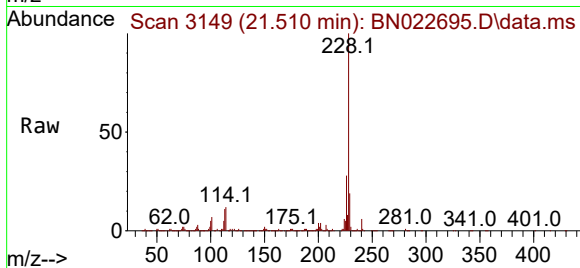
Tgt Ion:228 Resp: 955761

Ion Ratio Lower Upper

228 100

229 19.1 16.0 24.0

226 28.1 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.344 ng/ul

RT: 21.433 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

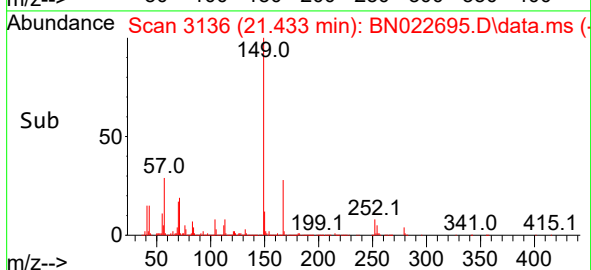
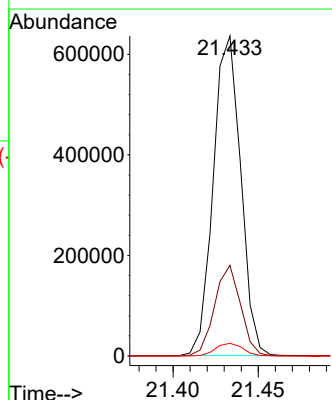
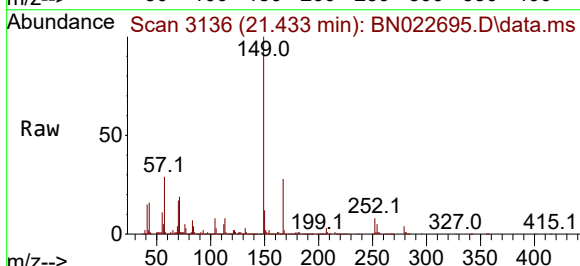
Tgt Ion:149 Resp: 711769

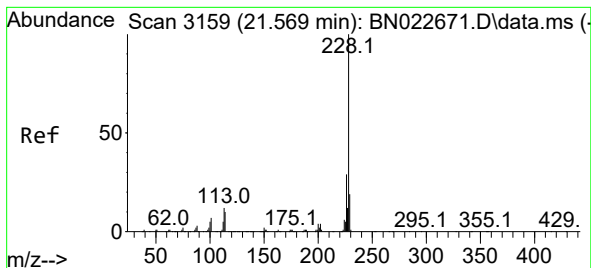
Ion Ratio Lower Upper

149 100

167 28.3 20.7 31.1

279 4.0 2.9 4.3





#87

Chrysene

Concen: 32.508 ng/ul

RT: 21.569 min Scan# 3159

Delta R.T. 0.000 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Instrument :

BNA_N

ClientSampleId :

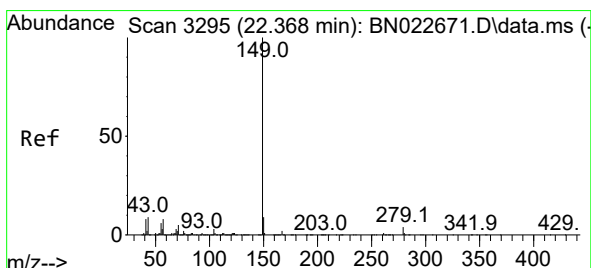
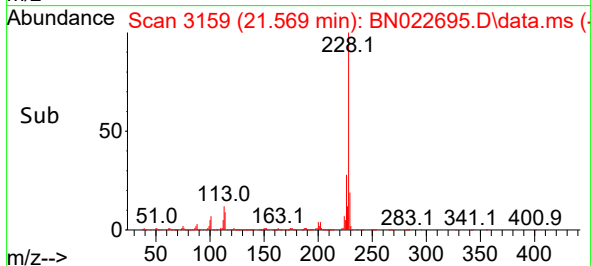
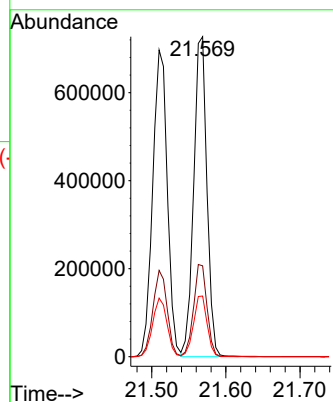
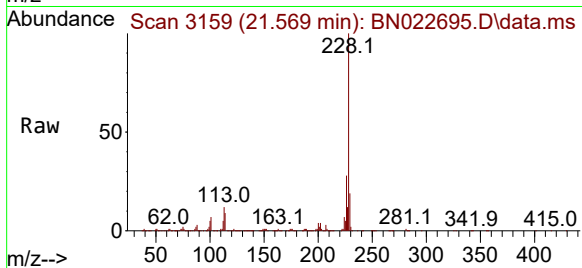
Tgt Ion:228 Resp: 898715

Ion Ratio Lower Upper

228 100

226 28.4 22.6 34.0

229 19.0 14.8 22.2



#89

Di-n-octyl phthalate

Concen: 32.746 ng/ul

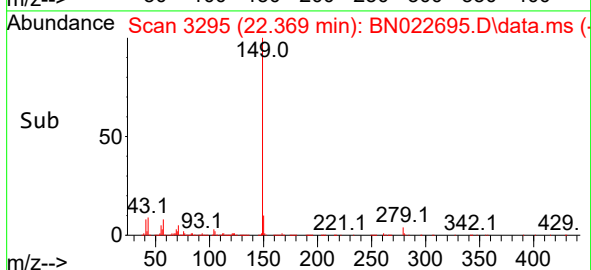
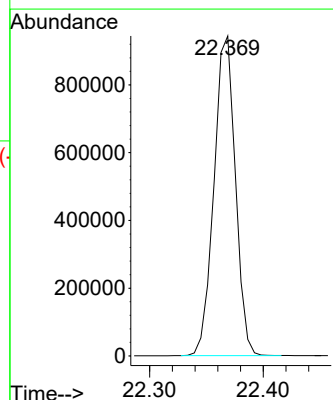
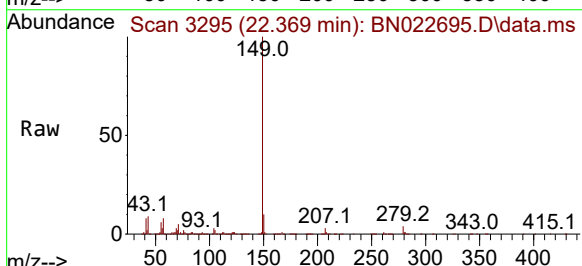
RT: 22.369 min Scan# 3295

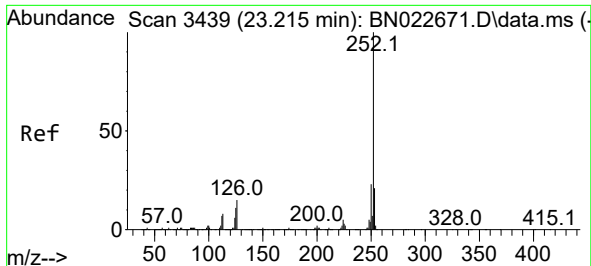
Delta R.T. -0.006 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Tgt Ion:149 Resp: 1235301

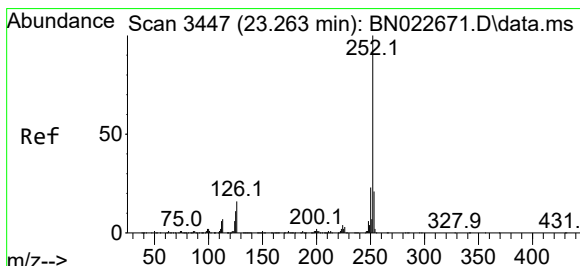
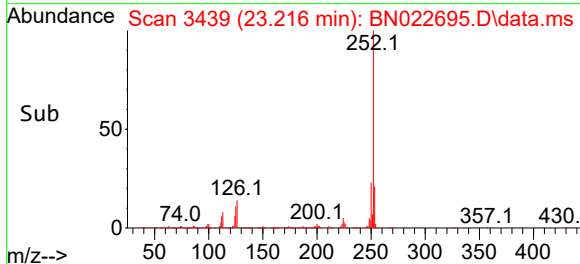
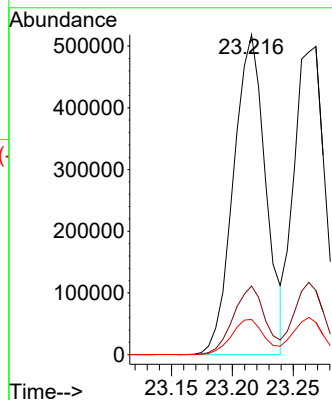
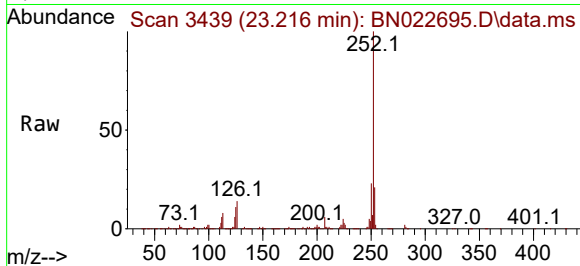




#90
Benzo(b)fluoranthene
Concen: 32.874 ng/ul
RT: 23.216 min Scan# 3439
Delta R.T. 0.000 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

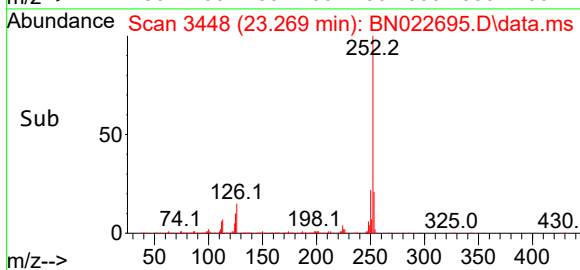
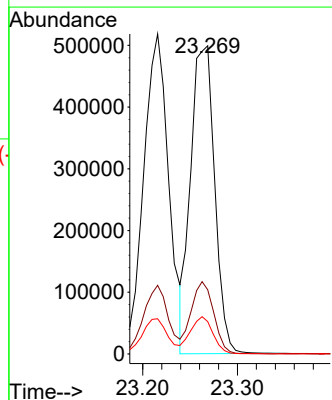
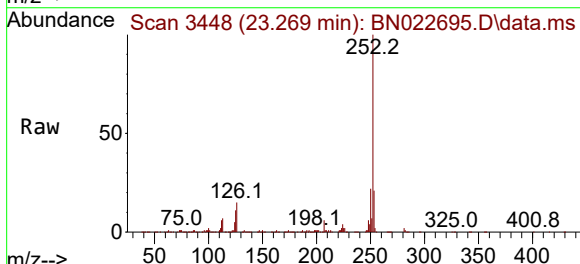
Instrument :
BNA_N
ClientSampleId :

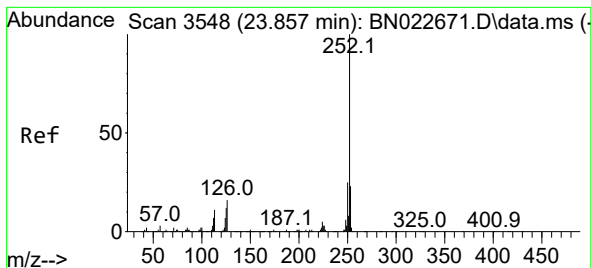
Tgt Ion:252 Resp: 955577
Ion Ratio Lower Upper
252 100
253 21.5 16.2 24.2
125 11.0 8.7 13.1



#91
Benzo(k)fluoranthene
Concen: 31.929 ng/ul
RT: 23.269 min Scan# 3448
Delta R.T. 0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion:252 Resp: 880994
Ion Ratio Lower Upper
252 100
253 20.8 16.2 24.4
125 10.5 9.0 13.6





#93

Benzo(a)pyrene

Concen: 32.158 ng/ul

RT: 23.851 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

Instrument :

BNA_N

ClientSampleId :

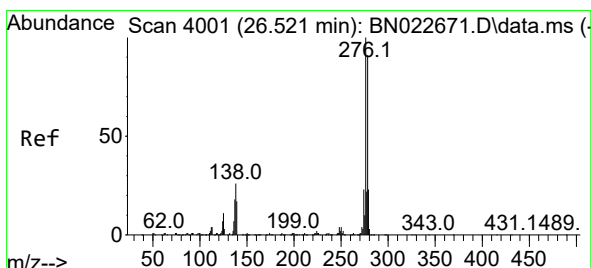
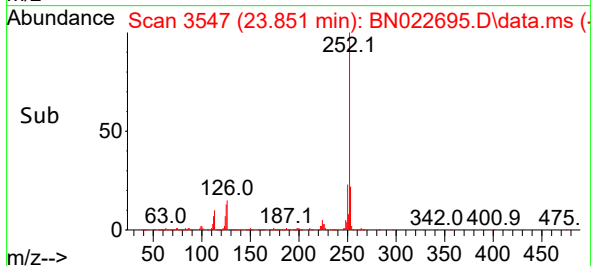
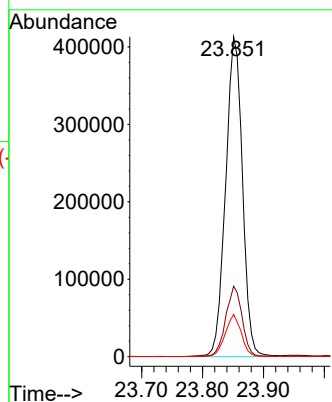
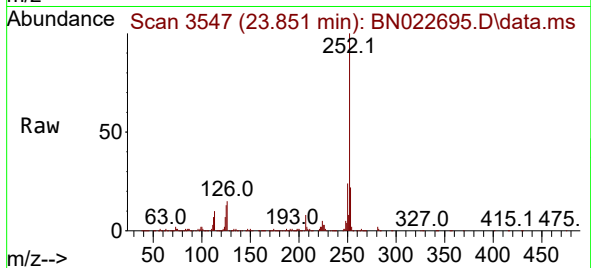
Tgt Ion:252 Resp: 792330

Ion Ratio Lower Upper

252 100

253 22.0 15.4 23.2

125 13.2 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.306 ng/ul

RT: 26.510 min Scan# 3999

Delta R.T. -0.012 min

Lab File: BN022695.D

Acq: 16 Nov 2022 20:03

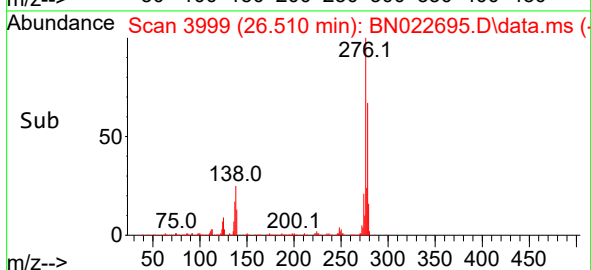
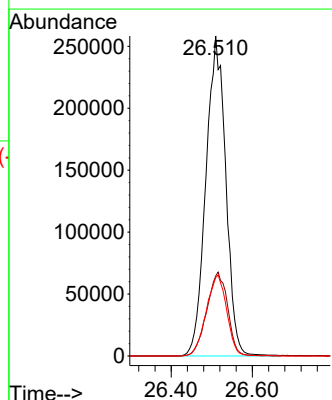
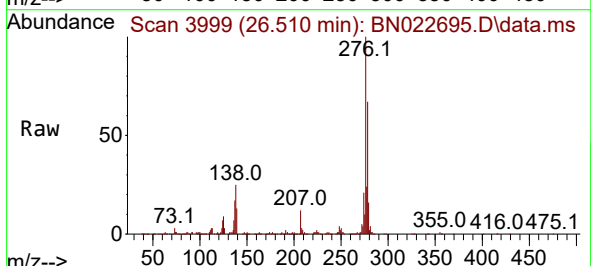
Tgt Ion:276 Resp: 877239

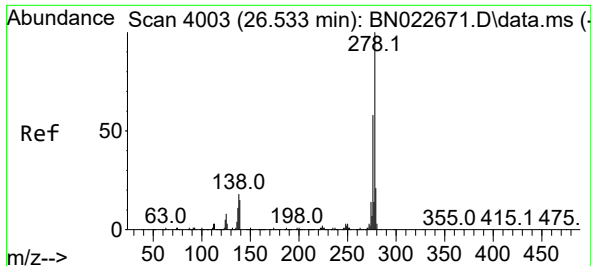
Ion Ratio Lower Upper

276 100

138 25.0 21.3 31.9

277 24.5 19.2 28.8

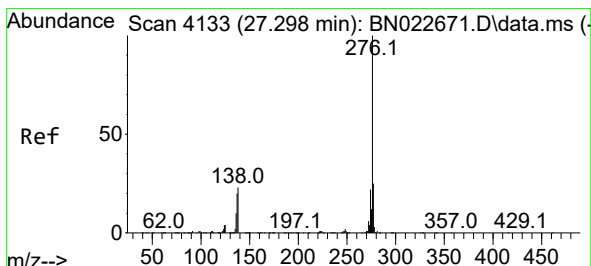
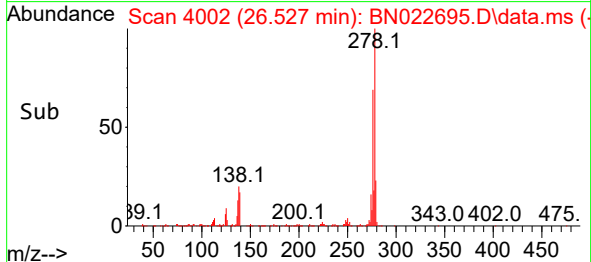
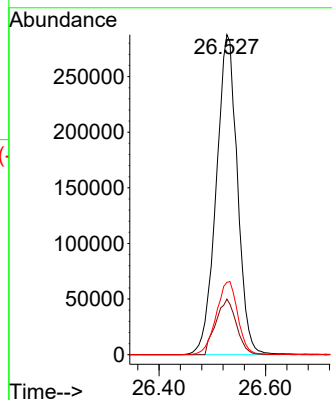
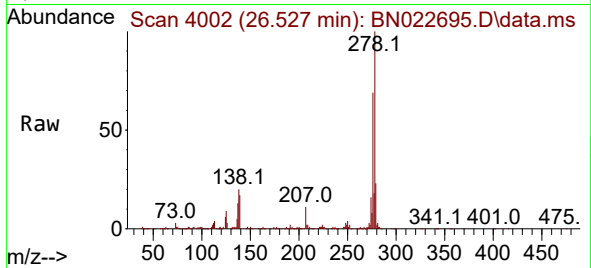




#95
Dibenzo(a,h)anthracene
Concen: 31.586 ng/ul
RT: 26.527 min Scan# 4003
Delta R.T. -0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 793295
Ion Ratio Lower Upper
278 100
139 17.4 14.4 21.6
279 22.6 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 29.960 ng/ul
RT: 27.298 min Scan# 4133
Delta R.T. 0.006 min
Lab File: BN022695.D
Acq: 16 Nov 2022 20:03

Tgt Ion:276 Resp: 731983
Ion Ratio Lower Upper
276 100
138 23.7 18.6 27.8
277 23.9 18.0 27.0

