

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
 Data File : BN018615.D
 Acq On : 15 Feb 2022 16:51
 Operator : CG/JU
 Sample : SSTD02018
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020229

Quant Time: Feb 15 17:44:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 15 17:38:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	203872	20.000	ng/u1	0.00
20) Naphthalene-d8	10.713	136	737949	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.543	164	415797	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.268	188	753624	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.458	240	774805	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	729192	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	39312	8.497	ng/uL	0.00
4) Pyridine-d5	3.685	84	323511	20.634	ng/u1	0.00
7) Phenol-d5	7.042	99	360327	21.809	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	204005	20.332	ng/u1	0.00
11) 2-Chlorophenol-d4	7.425	132	285233	21.738	ng/u1	0.00
15) 4-Methylphenol-d8	8.596	113	273153	21.443	ng/u1	0.00
21) Nitrobenzene-d5	9.047	128	126323	22.784	ng/u1	0.00
24) 2-Nitrophenol-d4	9.790	143	133009	22.224	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.330	165	256415	22.275	ng/u1	0.00
31) 4-Chloroaniline-d4	10.826	131	329826	21.899	ng/u1	0.00
46) Dimethylphthalate-d6	13.935	166	649665	21.837	ng/u1	0.00
49) Acenaphthylene-d8	14.227	160	912092	22.388	ng/u1	0.00
54) 4-Nitrophenol-d4	14.723	143	102752	20.502	ng/u1	0.00
60) Fluorene-d10	15.534	176	535974	21.306	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	87465	19.232	ng/u1	0.00
73) Anthracene-d10	17.381	188	795385	21.624	ng/u1	0.00
81) Pyrene-d10	19.679	212	834218	22.033	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.711	264	844236	22.348	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.303	88	55579	9.355	ng/uL	96
5) Pyridine	3.708	79	301245	19.576	ng/u1	93
6) Benzaldehyde	7.019	77	203393	21.978	ng/u1	97
8) Phenol	7.064	94	346312	20.687	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.312	93	295778	21.439	ng/u1	95
12) 2-Chlorophenol	7.447	128	287743	21.272	ng/u1	99
13) 2-Methylphenol	8.326	108	257451	20.729	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	399672	21.604	ng/u1	98
16) Acetophenone	8.709	105	412513	21.559	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.709	70	206933	21.255	ng/u1#	94
18) 4-Methylphenol	8.664	108	284097	21.147	ng/u1	98
19) Hexachloroethane	8.979	117	120403	21.239	ng/u1#	71
22) Nitrobenzene	9.092	77	318621	22.755	ng/u1	99
23) Isophorone	9.632	82	518060	21.601	ng/u1#	87
25) 2-Nitrophenol	9.812	139	154608	23.406	ng/u1	94
26) 2,4-Dimethylphenol	9.880	107	300038	21.462	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.105	93	355756	22.066	ng/u1	99
29) 2,4-Dichlorophenol	10.353	162	266651	22.263	ng/u1	95
30) Naphthalene	10.758	128	894071	21.987	ng/u1	100
32) 4-Chloroaniline	10.849	127	340217	21.905	ng/u1	98
33) Hexachlorobutadiene	11.051	225	190395	22.693	ng/u1	100
34) Caprolactam	11.592	113	64694	20.662	ng/u1	96
35) 4-Chloro-3-methylphenol	11.975	107	267782	22.537	ng/u1	94
36) 2-Methylnaphthalene	12.358	142	558841	21.593	ng/u1	98

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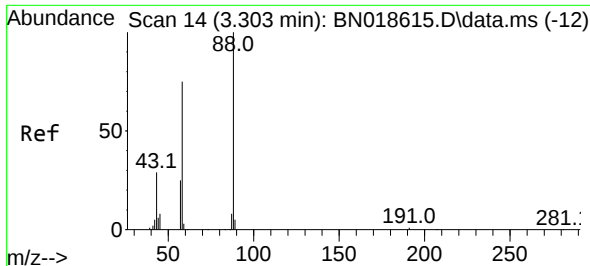
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.583	142	616069	22.532	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.741	216	338886	22.643	ng/ul	96
40) Hexachlorocyclopentadiene	12.718	237	195321	21.244	ng/ul	95
42) 2,4,5-Trichlorophenol	13.034	196	198676	22.402	ng/ul	99
43) 1,1'-Biphenyl	13.371	154	802590	22.632	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	618964	22.581	ng/ul	98
45) 2-Nitroaniline	13.597	65	141645	22.518	ng/ul#	85
47) Dimethylphthalate	13.980	163	638476	21.711	ng/ul#	99
48) 2,6-Dinitrotoluene	14.092	165	118110	21.998	ng/ul#	69
50) Acenaphthylene	14.250	152	862282	21.746	ng/ul	100
51) 3-Nitroaniline	14.430	138	90214	16.899	ng/ul#	78
52) Acenaphthene	14.610	153	555063	21.647	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	71389	20.835	ng/ul	84
55) 4-Nitrophenol	14.723	109	105400	23.062	ng/ul	87
56) Dibenzofuran	14.926	168	800551	21.584	ng/ul	88
57) 2,4-Dinitrotoluene	14.881	165	178675	22.546	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.151	232	149780	22.669	ng/ul#	68
59) Diethylphthalate	15.354	149	691033	23.108	ng/ul	99
61) Fluorene	15.579	166	670319	22.073	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.579	204	342223	21.852	ng/ul	99
63) 4-Nitroaniline	15.579	138	67990	15.738	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.646	198	106896	21.610	ng/ul	95
67) N-Nitrosodiphenylamine	15.782	169	595199	22.554	ng/ul	98
68) 4-Bromophenyl-phenylether	16.480	248	170858	21.258	ng/ul#	77
69) Hexachlorobenzene	16.593	284	236938	22.027	ng/ul	96
70) Atrazine	16.728	200	197533	21.524	ng/ul	93
71) Pentachlorophenol	16.930	266	128253	20.900	ng/ul	98
72) Phenanthrene	17.313	178	971401	21.315	ng/ul	97
74) Anthracene	17.403	178	976608	21.692	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.349	216	339782	21.990	ng/uL	98
76) Pentachlorobenzene	14.858	250	304748	22.529	ng/uL	98
77) Carbazole	17.674	167	921074	23.408	ng/ul	98
78) Di-n-butylphthalate	18.237	149	948758	22.597	ng/ul#	98
80) Fluoranthene	19.341	202	1030185	22.827	ng/ul#	88
82) Pyrene	19.701	202	1143239	23.035	ng/ul#	90
83) Butylbenzylphthalate	20.602	149	273721	22.329	ng/ul#	62
84) 3,3'-Dichlorobenzidine	21.368	252	244653	17.863	ng/ul#	96
85) Benzo(a)anthracene	21.436	228	1032424	21.703	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.368	149	512679	18.136	ng/ul#	91
87) Chrysene	21.503	228	994410	24.726	ng/ul	99
89) Di-n-octyl phthalate	22.291	149	902949	18.110	ng/ul	100
90) Benzo(b)fluoranthene	23.125	252	1022397	20.227	ng/ul#	98
91) Benzo(k)fluoranthene	23.170	252	1009936	22.529	ng/ul#	97
93) Benzo(a)pyrene	23.756	252	1067667	22.342	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.346	276	1210425	22.297	ng/ul	97
95) Dibenzo(a,h)anthracene	26.369	278	1016629	22.107	ng/ul	98
96) Benzo(g,h,i)perylene	27.112	276	1032873	22.313	ng/ul	97

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

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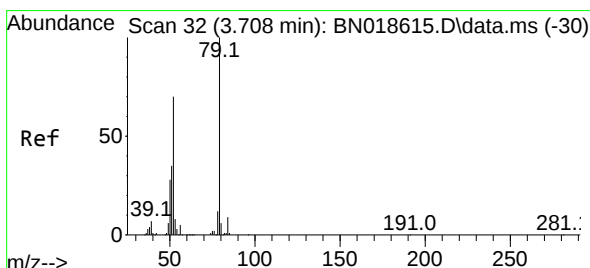
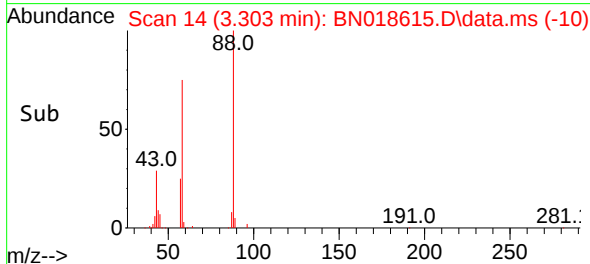
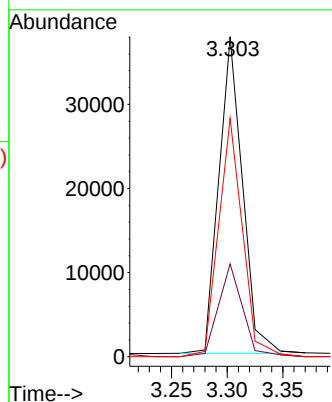
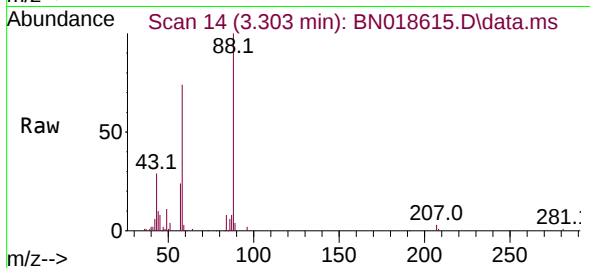




#2
 1,4-Dioxane
 Concen: 9.355 ng/uL
 RT: 3.303 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BN018615.D
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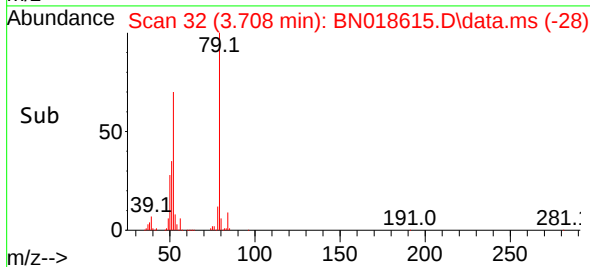
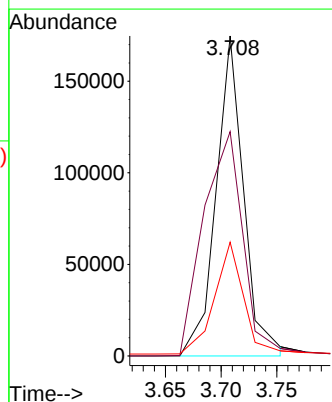
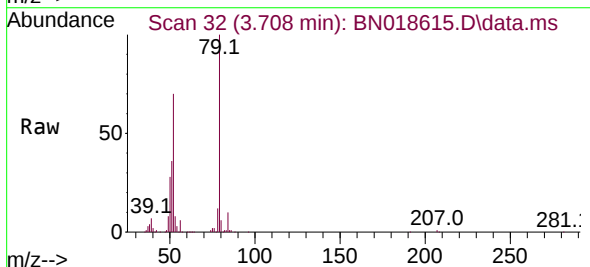
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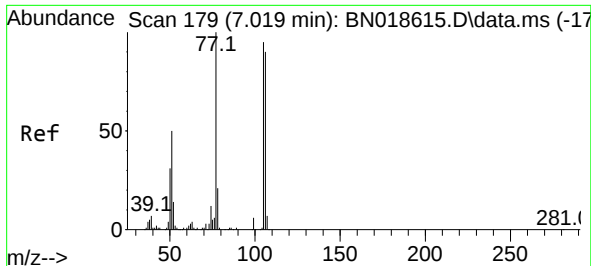
Tgt Ion: 88 Resp: 55579
 Ion Ratio Lower Upper
 88 100
 43 29.0 21.9 32.9
 58 74.5 56.3 84.5



#5
 Pyridine
 Concen: 19.576 ng/uL
 RT: 3.708 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: BN018615.D
 Acq: 15 Feb 2022 16:51

Tgt Ion: 79 Resp: 301245
 Ion Ratio Lower Upper
 79 100
 52 70.1 62.9 94.3
 51 35.6 27.8 41.8

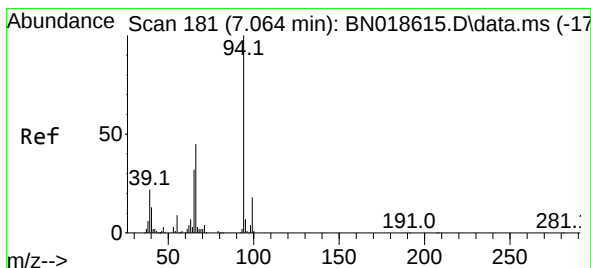
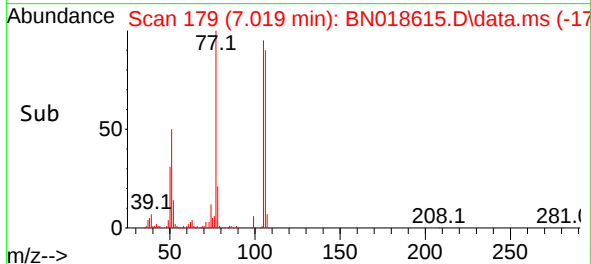
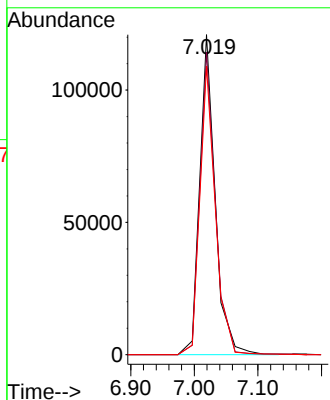
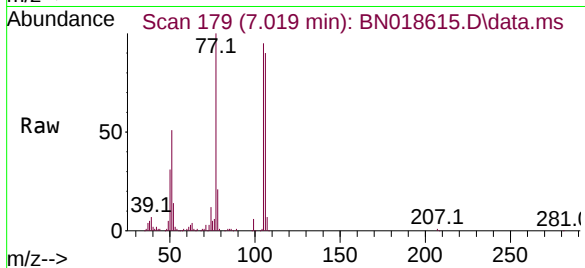




#6
Benzaldehyde
Concen: 21.978 ng/ul
RT: 7.019 min Scan# 179
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

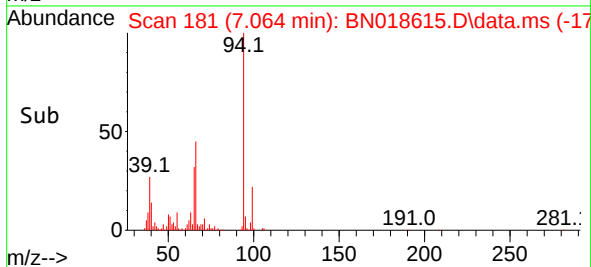
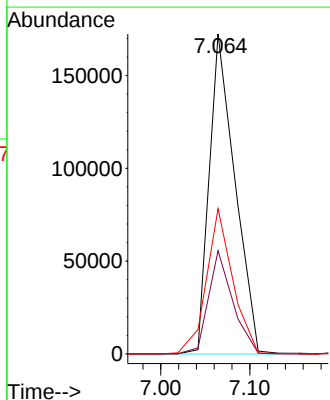
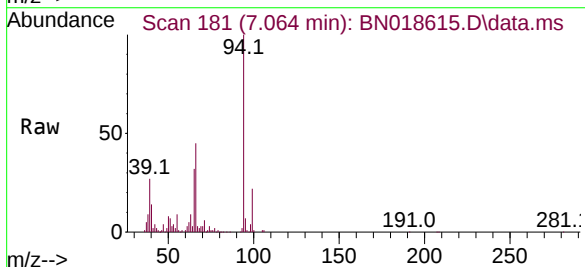
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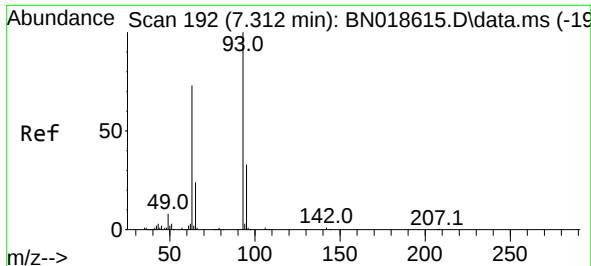
Tgt Ion: 77 Resp: 203393
Ion Ratio Lower Upper
77 100
105 94.5 73.5 110.3
106 90.2 69.9 104.9



#8
Phenol
Concen: 20.687 ng/ul
RT: 7.064 min Scan# 181
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion: 94 Resp: 346312
Ion Ratio Lower Upper
94 100
65 32.2 21.8 32.6
66 45.4 30.2 45.4#





#10

Bis(2-Chloroethyl)ether

Concen: 21.439 ng/ul

RT: 7.312 min Scan# 192

Delta R.T. 0.000 min

Lab File: BN018615.D

Acq: 15 Feb 2022 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD020229

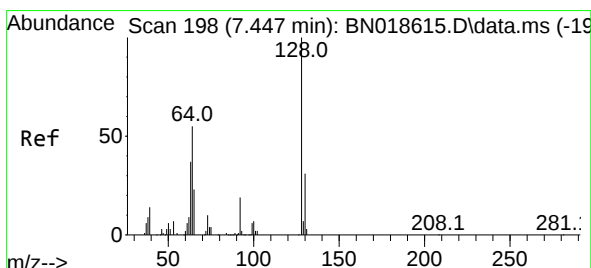
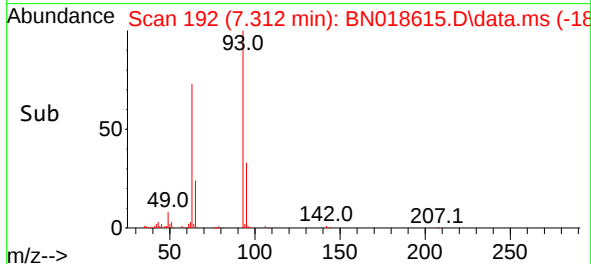
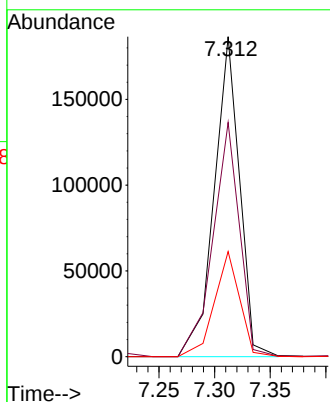
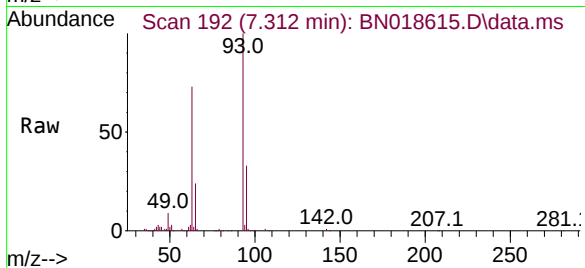
Tgt Ion: 93 Resp: 295778

Ion Ratio Lower Upper

93 100

63 73.2 63.4 95.0

95 32.8 25.9 38.9



#12

2-Chlorophenol

Concen: 21.272 ng/ul

RT: 7.447 min Scan# 198

Delta R.T. 0.000 min

Lab File: BN018615.D

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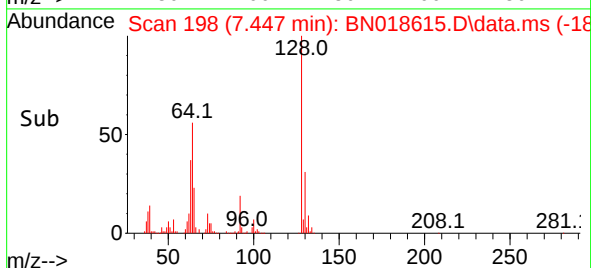
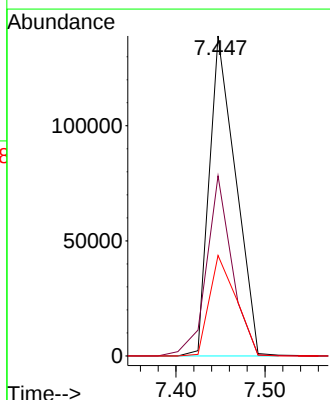
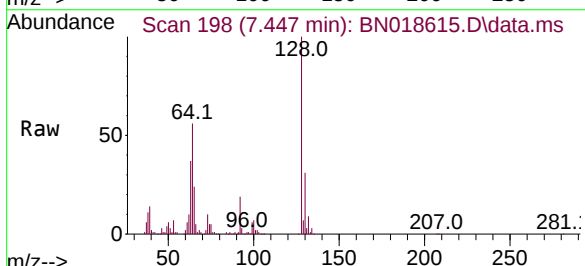
Tgt Ion:128 Resp: 287743

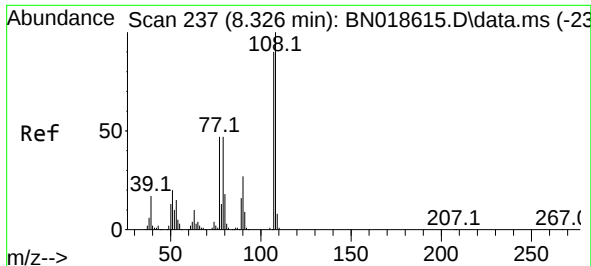
Ion Ratio Lower Upper

128 100

64 56.3 44.2 66.2

130 31.4 25.0 37.6

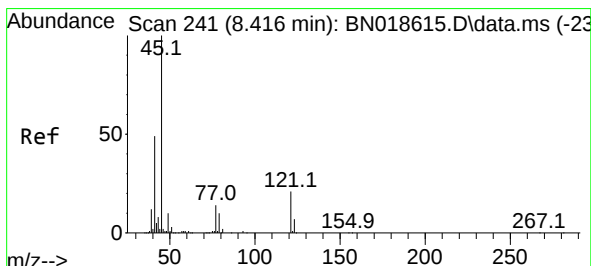
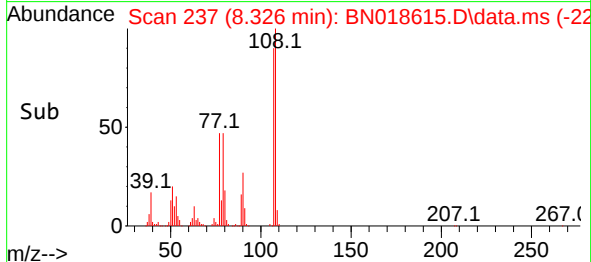
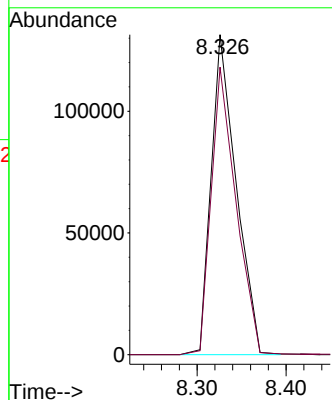
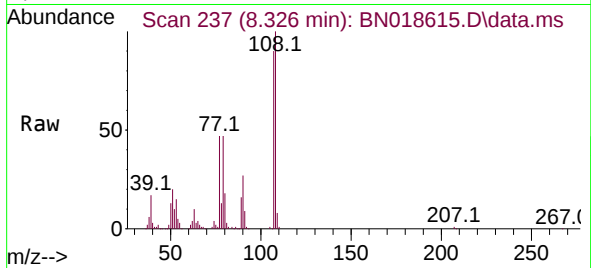




#13
2-Methylphenol
Concen: 20.729 ng/ul
RT: 8.326 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN018615.D
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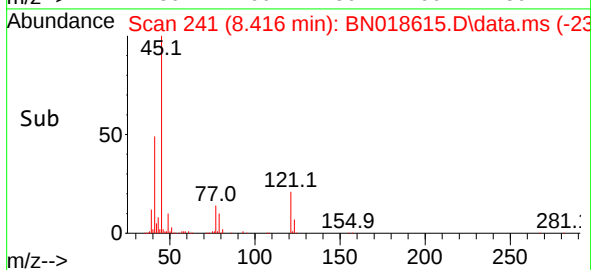
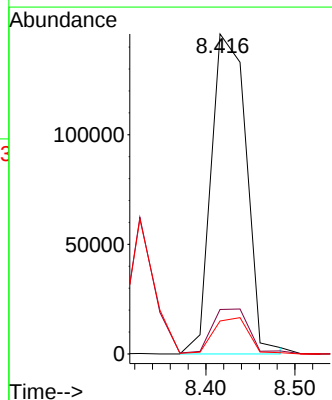
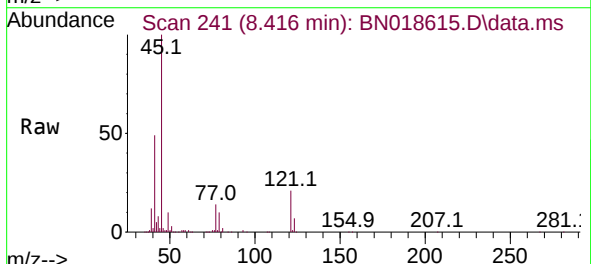
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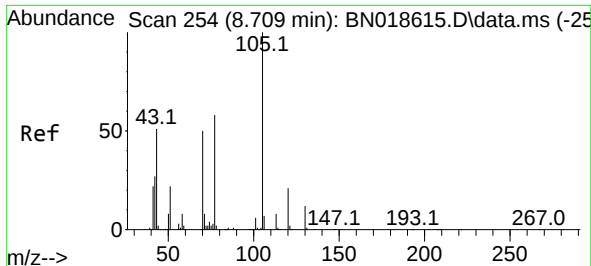
Tgt Ion:108 Resp: 257451
Ion Ratio Lower Upper
108 100
107 89.8 69.5 104.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.604 ng/ul
RT: 8.416 min Scan# 241
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion: 45 Resp: 399672
Ion Ratio Lower Upper
45 100
77 13.9 11.9 17.9
79 10.3 8.6 12.8

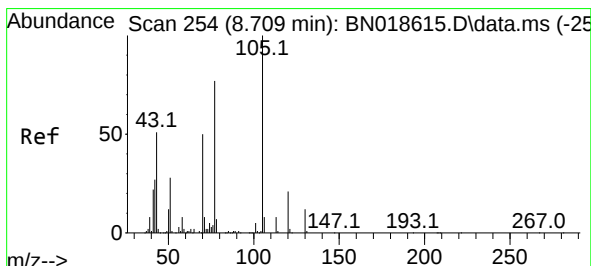
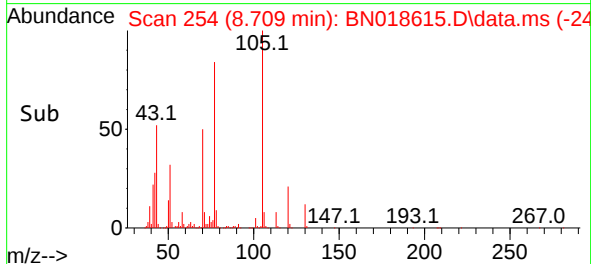
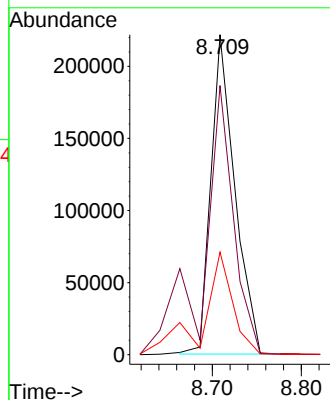
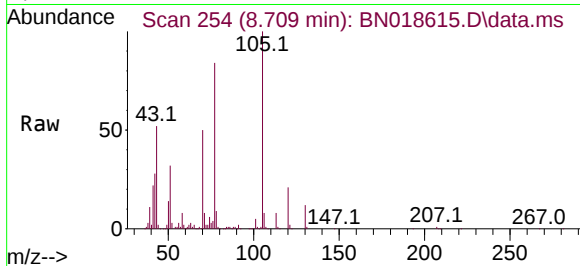




#16
Acetophenone
Concen: 21.559 ng/ul
RT: 8.709 min Scan# 21
Delta R.T. 0.000 min
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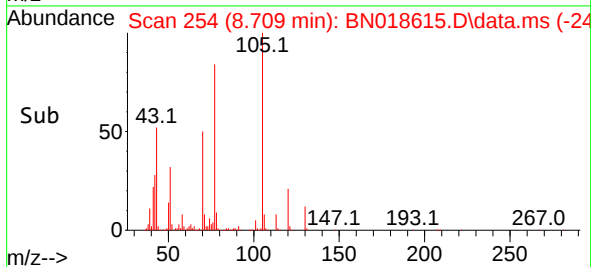
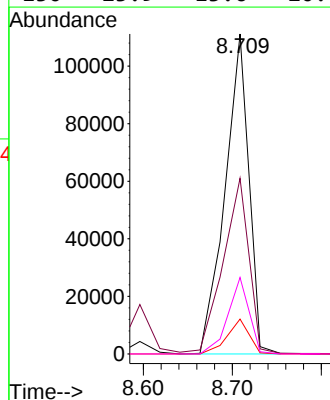
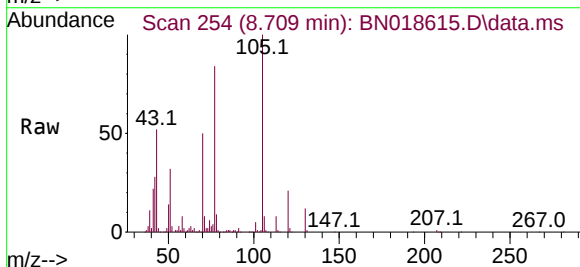
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ClientSampleId :
SSTD020229

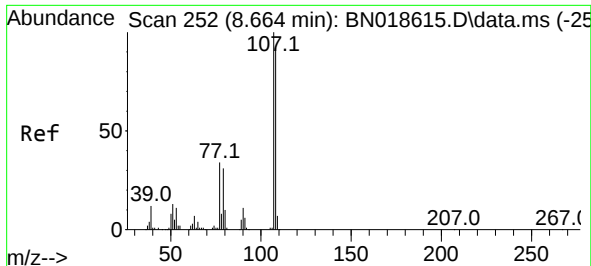
Tgt Ion:105 Resp: 412513
Ion Ratio Lower Upper
105 100
77 84.1 64.8 97.2
51 32.1 22.8 34.2



#17
N-Nitroso-di-n-propylamine
Concen: 21.255 ng/ul
RT: 8.709 min Scan# 254
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion: 70 Resp: 206933
Ion Ratio Lower Upper
70 100
42 54.9 42.4 63.6
101 10.9 6.6 10.0#
130 23.9 13.6 20.4#

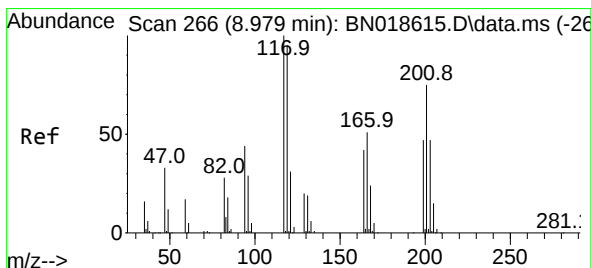
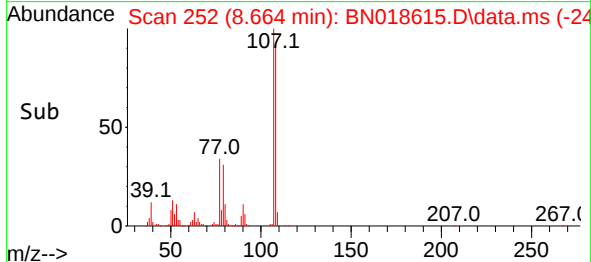
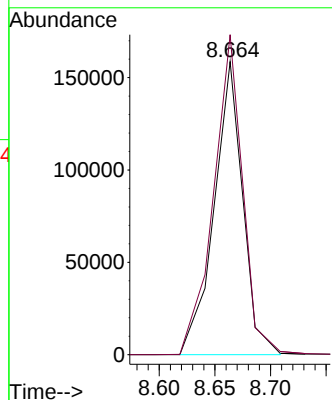
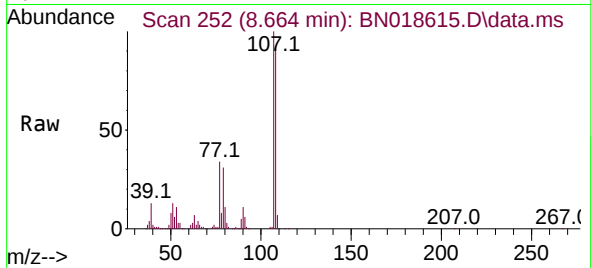




#18
4-Methylphenol
Concen: 21.147 ng/ul
RT: 8.664 min Scan# 252
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

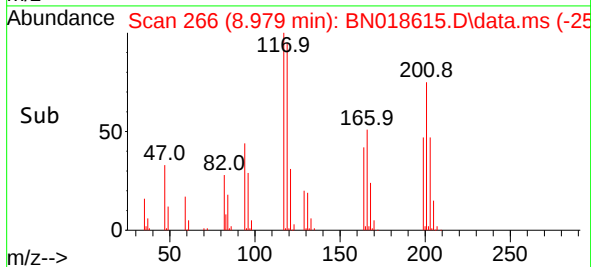
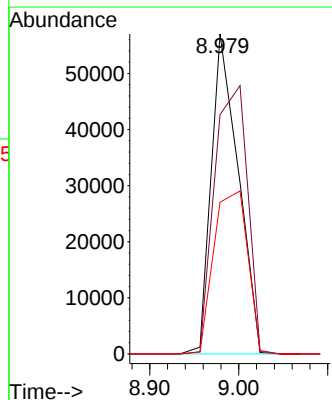
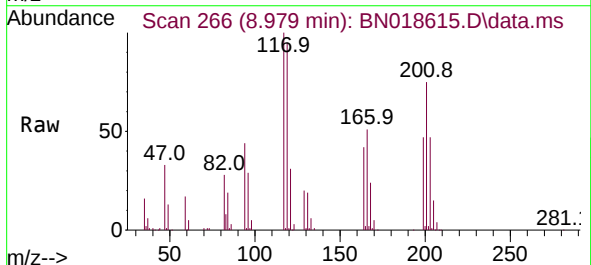
Instrument :
BNA_N
ClientSampleId :
SSTD020229

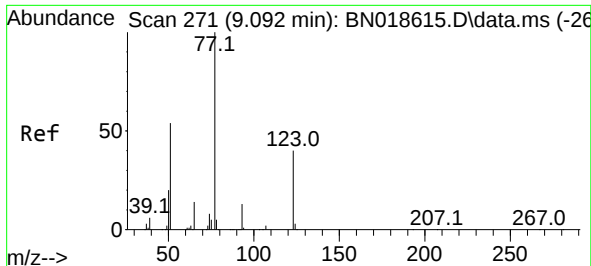
Tgt Ion:108 Resp: 284097
Ion Ratio Lower Upper
108 100
107 109.2 89.4 134.0



#19
Hexachloroethane
Concen: 21.239 ng/ul
RT: 8.979 min Scan# 266
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:117 Resp: 120403
Ion Ratio Lower Upper
117 100
201 74.8 85.9 128.9#
199 47.4 54.5 81.7#

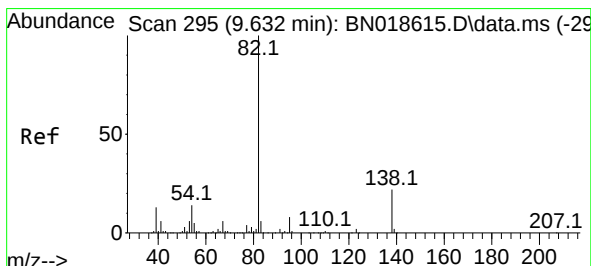
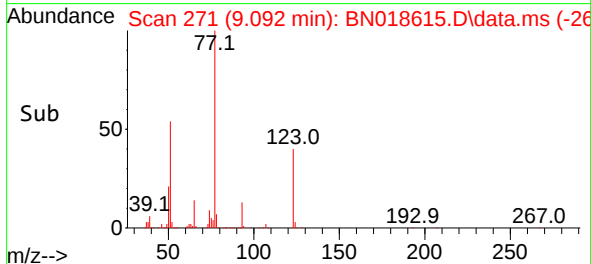
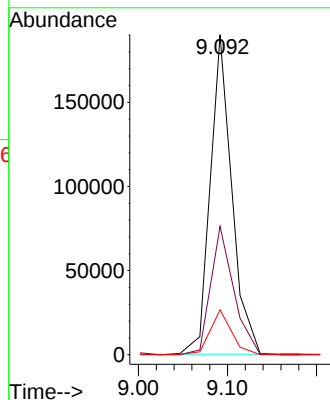
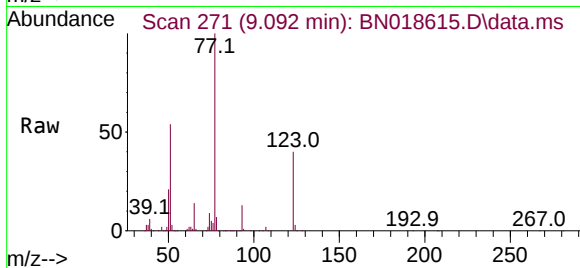




#22
Nitrobenzene
Concen: 22.755 ng/ul
RT: 9.092 min Scan# 271
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

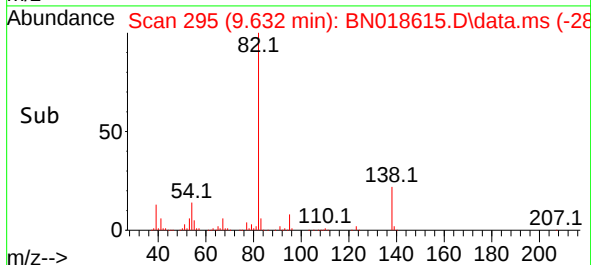
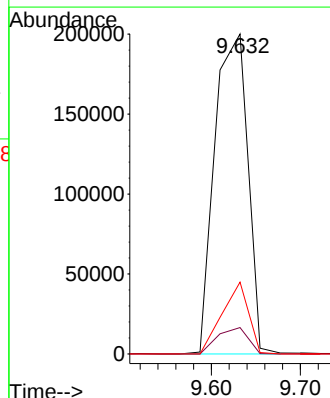
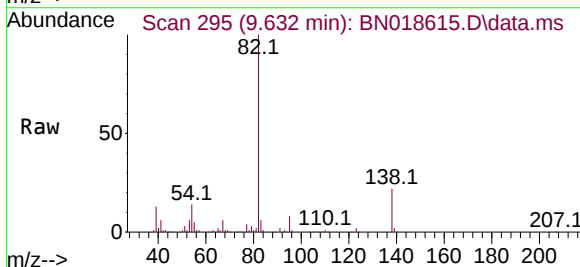
Instrument :
BNA_N
ClientSampleId :
SSTD020229

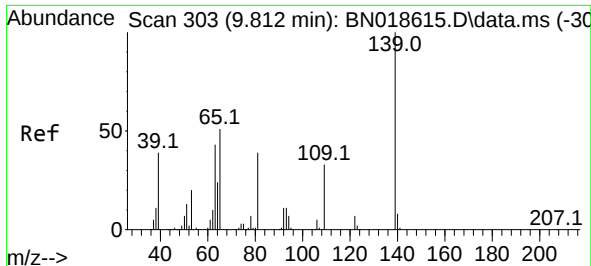
Tgt Ion: 77 Resp: 318621
Ion Ratio Lower Upper
77 100
123 40.1 32.0 48.0
65 14.0 10.7 16.1



#23
Isophorone
Concen: 21.601 ng/ul
RT: 9.632 min Scan# 295
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion: 82 Resp: 518060
Ion Ratio Lower Upper
82 100
95 8.3 5.7 8.5
138 22.4 11.9 17.9#

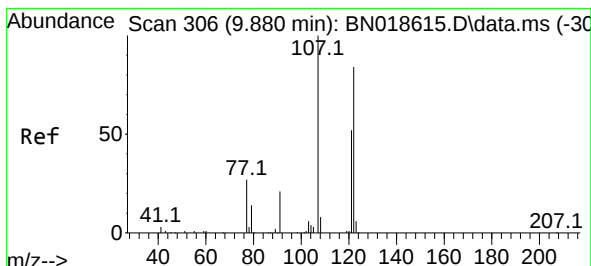
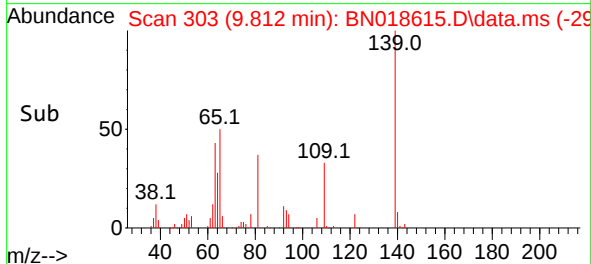
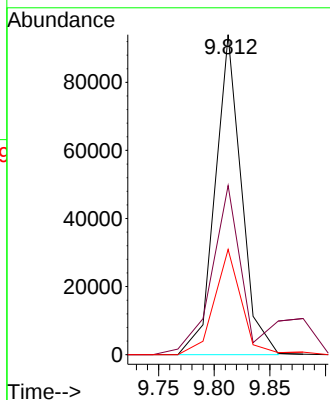
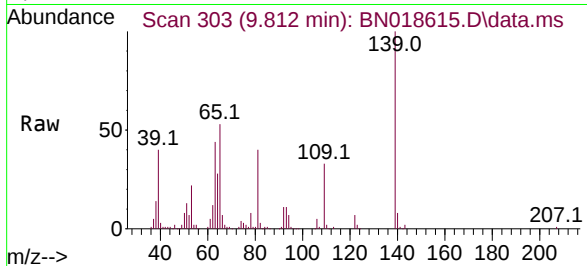




#25
2-Nitrophenol
Concen: 23.406 ng/ul
RT: 9.812 min Scan# 303
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

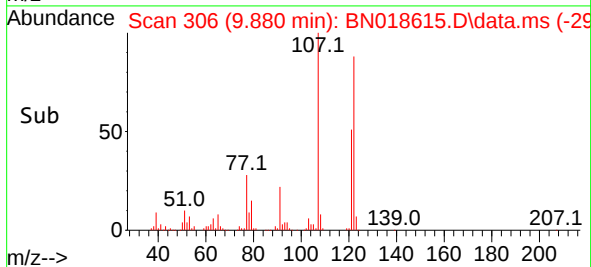
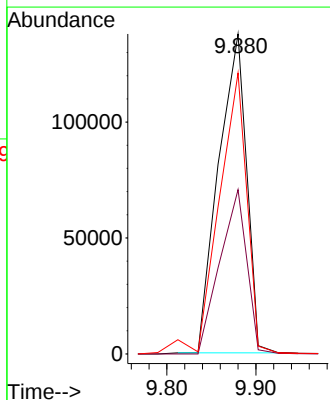
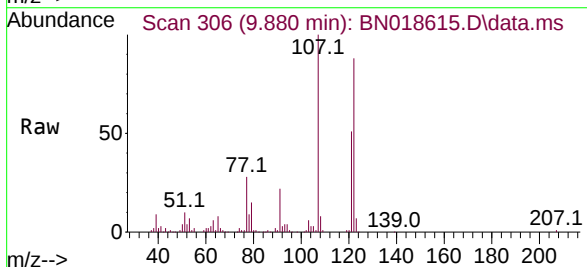
Instrument :
BNA_N
ClientSampleId :
SSTD020229

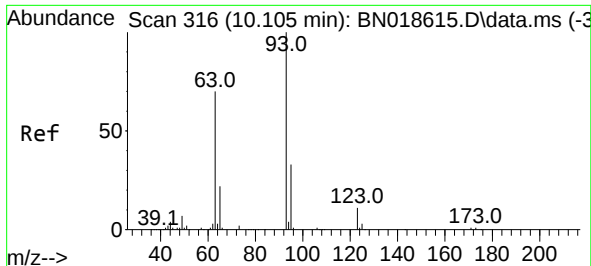
Tgt Ion:139 Resp: 154608
Ion Ratio Lower Upper
139 100
65 52.9 47.7 71.5
109 32.9 27.0 40.4



#26
2,4-Dimethylphenol
Concen: 21.462 ng/ul
RT: 9.880 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:107 Resp: 300038
Ion Ratio Lower Upper
107 100
121 51.4 38.9 58.3
122 87.8 68.6 103.0





#27

Bis(2-Chloroethoxy)methane

Concen: 22.066 ng/ul

RT: 10.105 min Scan# 316

Delta R.T. 0.000 min

Lab File: BN018615.D

Acq: 15 Feb 2022 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD020229

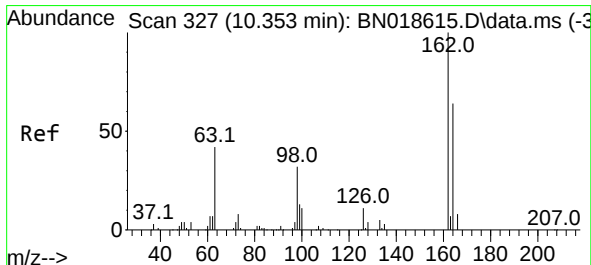
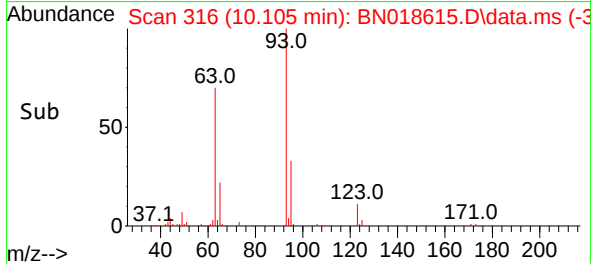
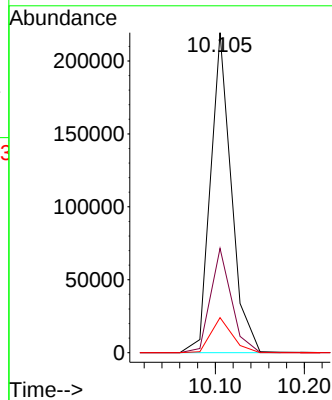
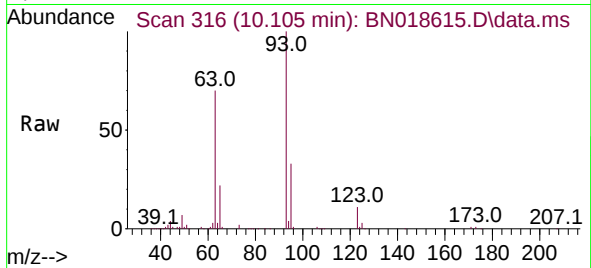
Tgt Ion: 93 Resp: 355756

Ion Ratio Lower Upper

93 100

95 32.6 25.7 38.5

123 10.9 8.3 12.5



#29

2,4-Dichlorophenol

Concen: 22.263 ng/ul

RT: 10.353 min Scan# 327

Delta R.T. 0.000 min

Lab File: BN018615.D

Acq: 15 Feb 2022 16:51

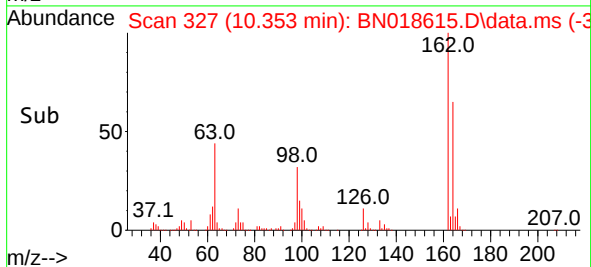
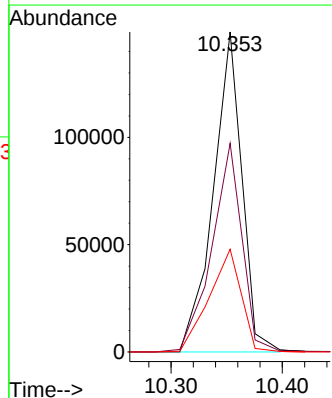
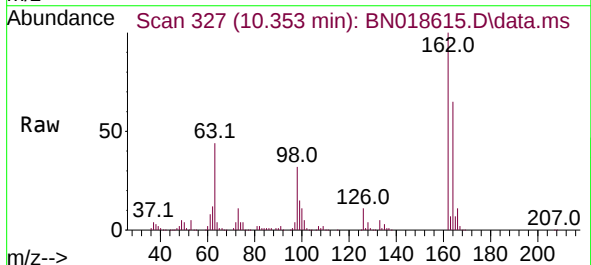
Tgt Ion:162 Resp: 266651

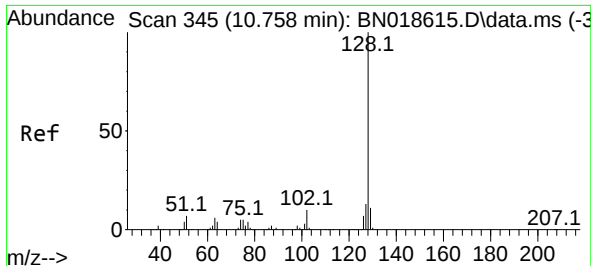
Ion Ratio Lower Upper

162 100

164 65.2 51.8 77.6

98 32.1 31.0 46.6

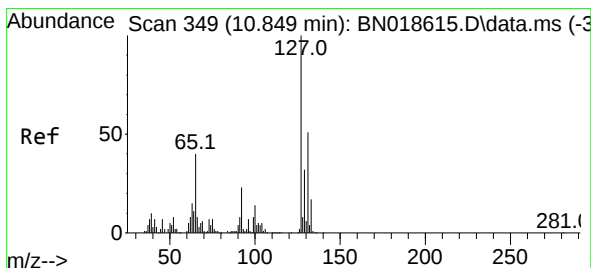
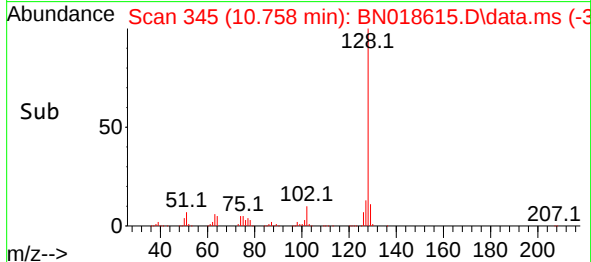
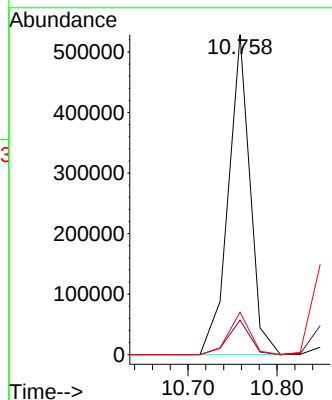
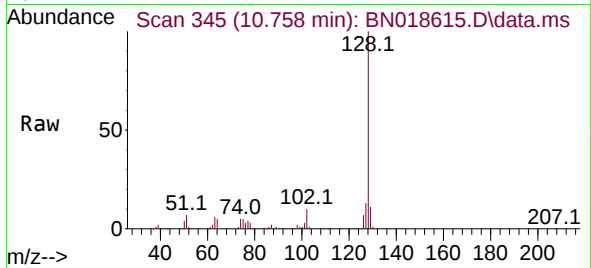




#30
Naphthalene
Concen: 21.987 ng/ul
RT: 10.758 min Scan# 345
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

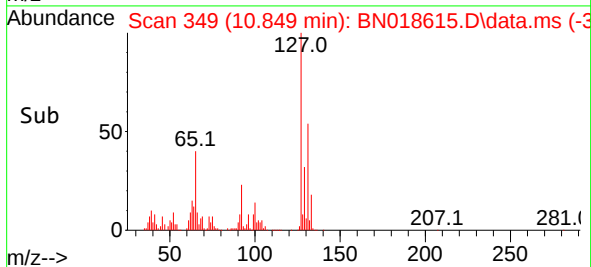
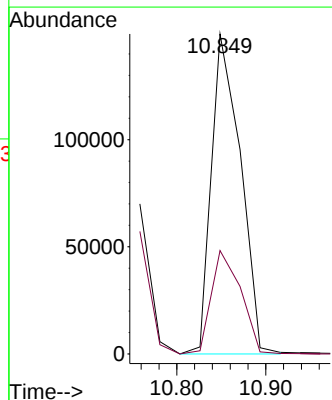
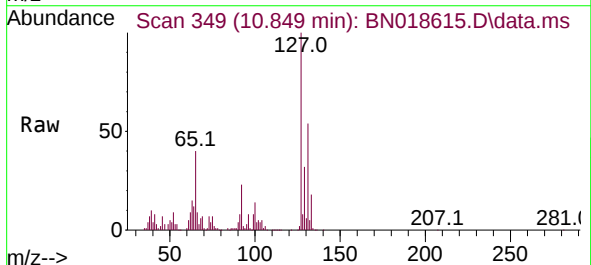
Instrument :
BNA_N
ClientSampleId :
SSTD020229

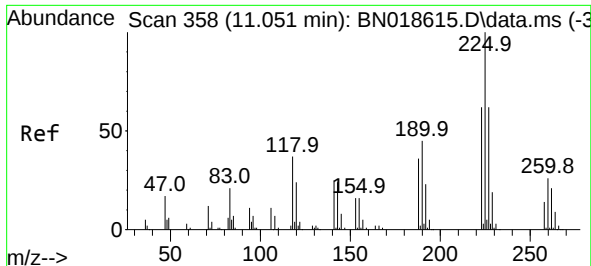
Tgt Ion:128 Resp: 894071
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.2 10.6 16.0



#32
4-Chloroaniline
Concen: 21.905 ng/ul
RT: 10.849 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:127 Resp: 340217
Ion Ratio Lower Upper
127 100
129 32.3 25.0 37.6

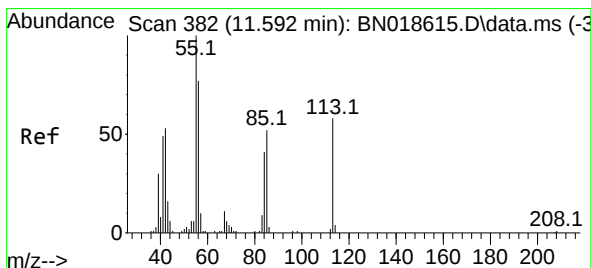
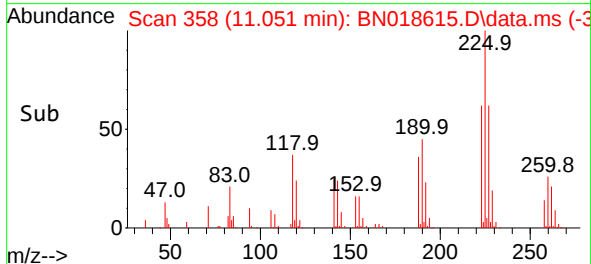
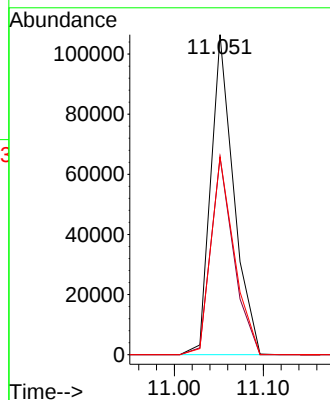
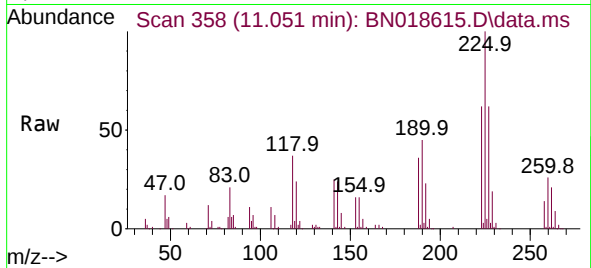




#33
Hexachlorobutadiene
Concen: 22.693 ng/u1
RT: 11.051 min Scan# 358
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

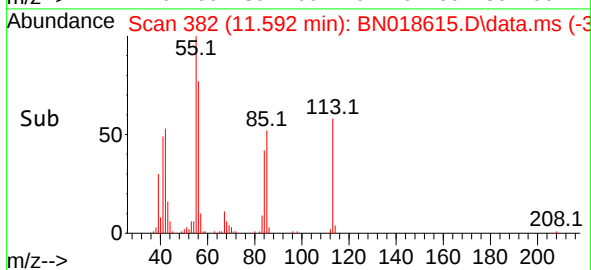
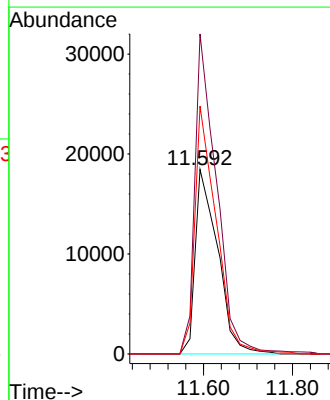
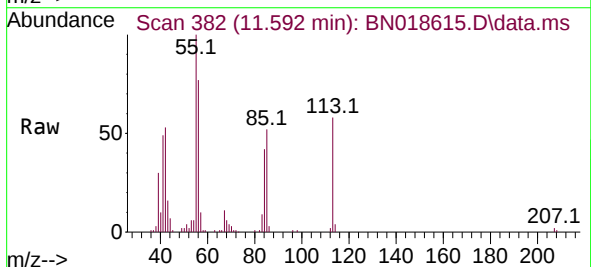
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BNA_N
ClientSampleId :
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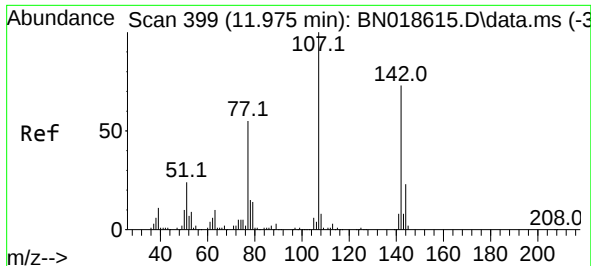
Tgt Ion:225 Resp: 190395
Ion Ratio Lower Upper
225 100
223 61.7 49.7 74.5
227 61.8 49.5 74.3



#34
Caprolactam
Concen: 20.662 ng/u1
RT: 11.592 min Scan# 382
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:113 Resp: 64694
Ion Ratio Lower Upper
113 100
55 173.4 147.4 221.2
56 134.3 107.6 161.4

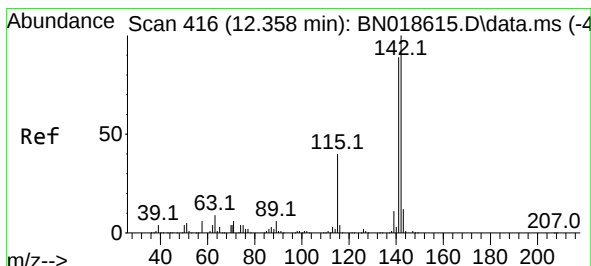
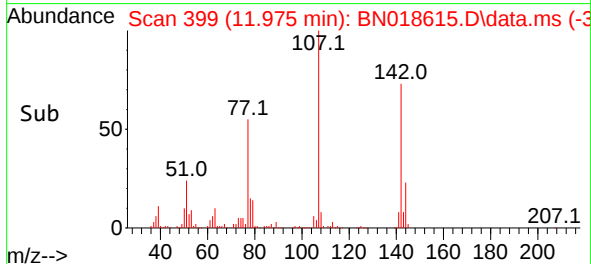
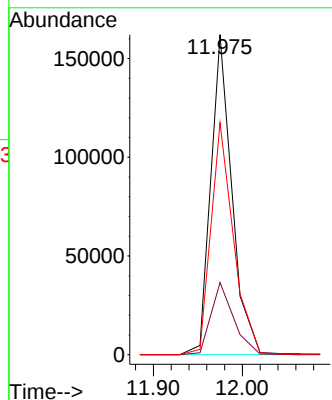
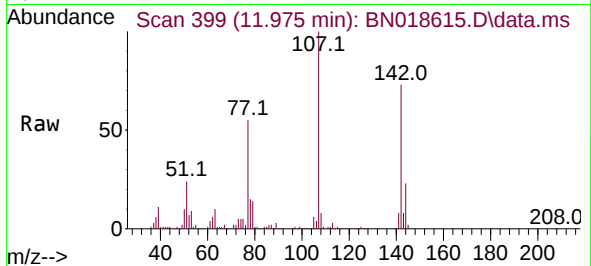




#35
4-Chloro-3-methylphenol
Concen: 22.537 ng/ul
RT: 11.975 min Scan# 399
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

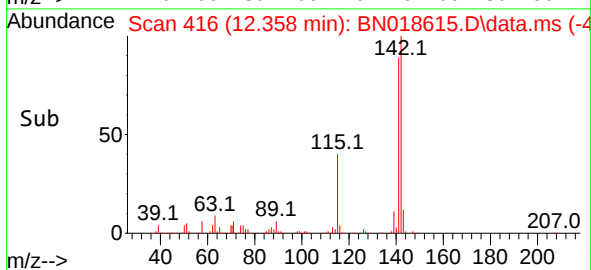
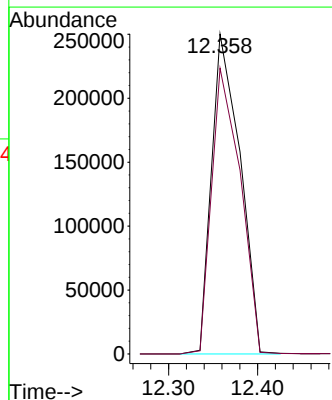
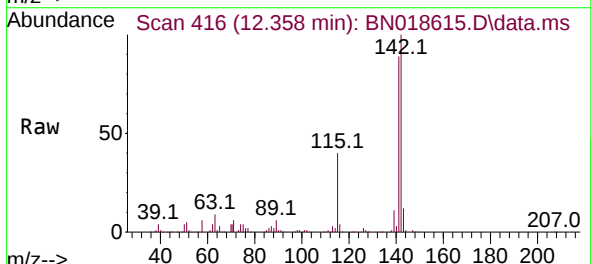
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BNA_N
ClientSampleId :
SSTD020229

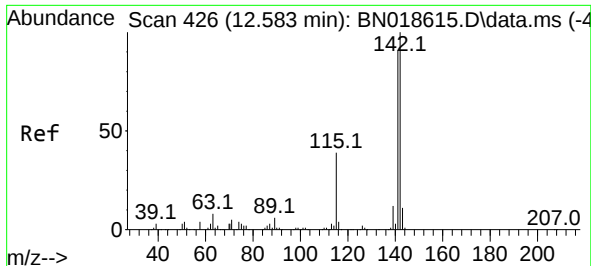
Tgt Ion:107 Resp: 267782
Ion Ratio Lower Upper
107 100
144 22.6 19.4 29.0
142 72.5 62.3 93.5



#36
2-Methylnaphthalene
Concen: 21.593 ng/ul
RT: 12.358 min Scan# 416
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:142 Resp: 558841
Ion Ratio Lower Upper
142 100
141 89.3 70.2 105.4

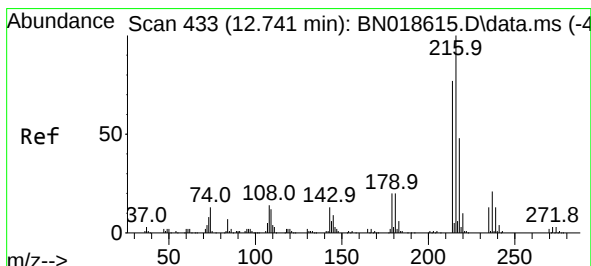
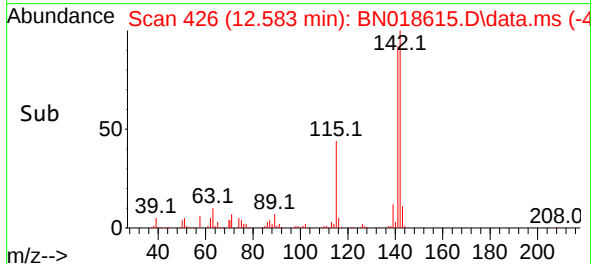
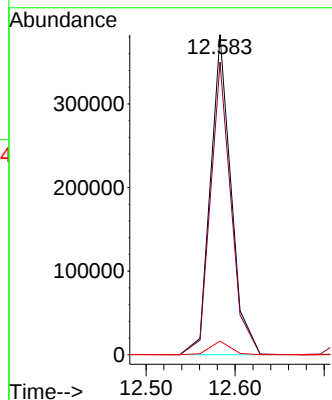
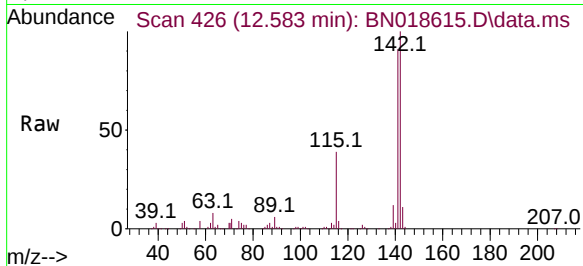




#37
1-Methylnaphthalene
Concen: 22.532 ng/ul
RT: 12.583 min Scan# 426
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

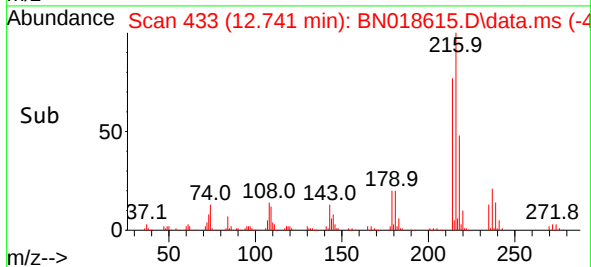
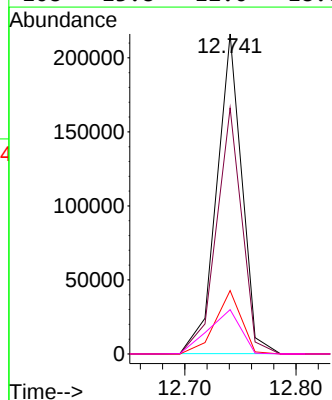
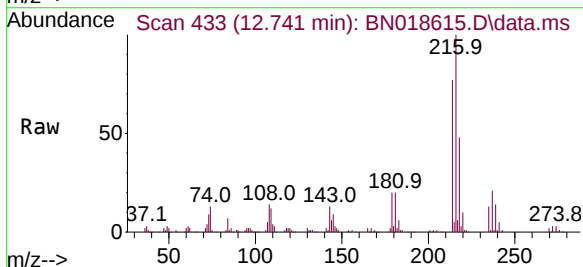
Instrument :
BNA_N
ClientSampleId :
SSTD020229

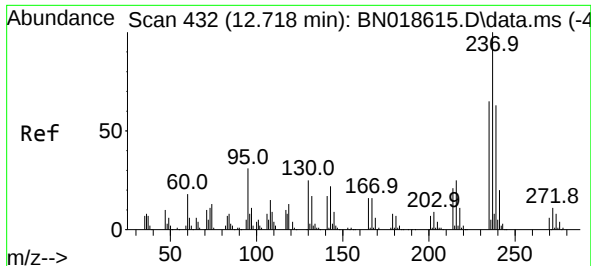
Tgt Ion:142 Resp: 616069
Ion Ratio Lower Upper
142 100
141 91.4 72.2 108.4
116 4.2 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.643 ng/ul
RT: 12.741 min Scan# 433
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:216 Resp: 338886
Ion Ratio Lower Upper
216 100
214 76.9 64.4 96.6
179 19.8 15.1 22.7
108 13.8 12.0 18.0

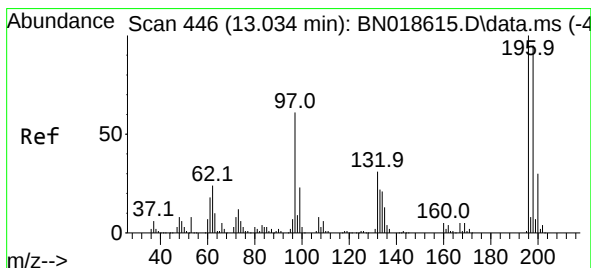
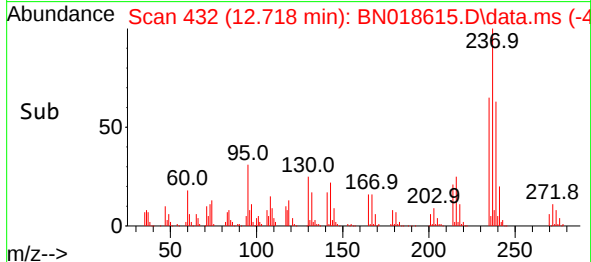
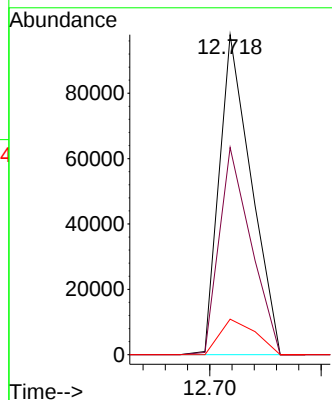
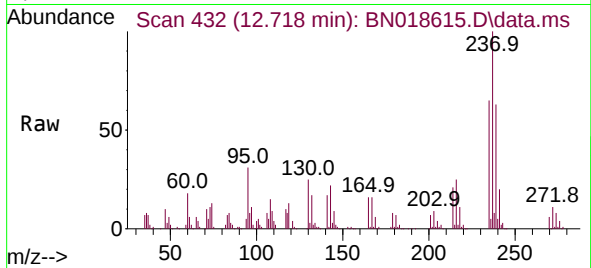




#40
Hexachlorocyclopentadiene
Concen: 21.244 ng/ul
RT: 12.718 min Scan# 432
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

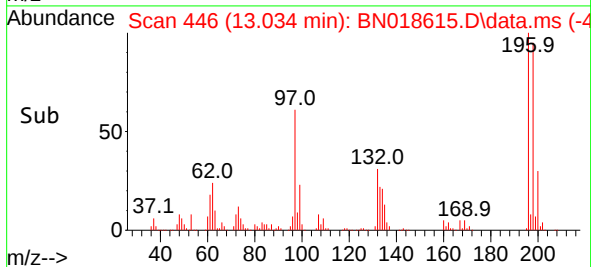
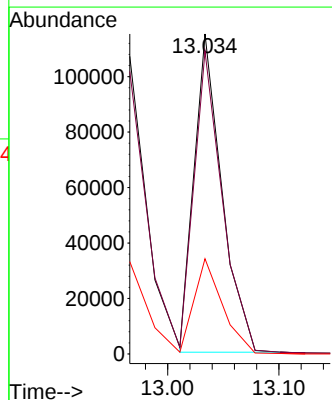
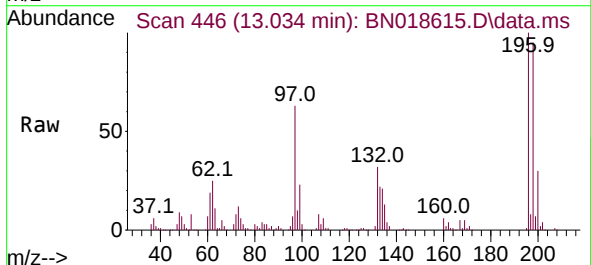
Instrument :
BNA_N
ClientSampleId :
SSTD020229

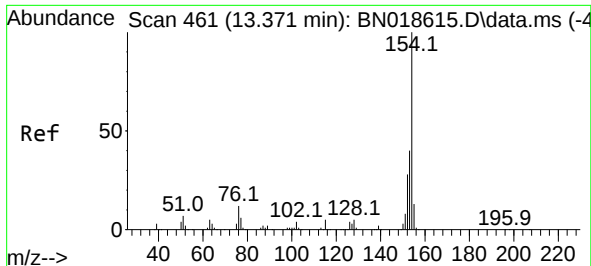
Tgt Ion:237 Resp: 195321
Ion Ratio Lower Upper
237 100
235 64.8 49.1 73.7
272 11.1 10.6 16.0



#42
2,4,5-Trichlorophenol
Concen: 22.402 ng/ul
RT: 13.034 min Scan# 446
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:196 Resp: 198676
Ion Ratio Lower Upper
196 100
198 94.6 75.3 112.9
200 29.7 24.2 36.2

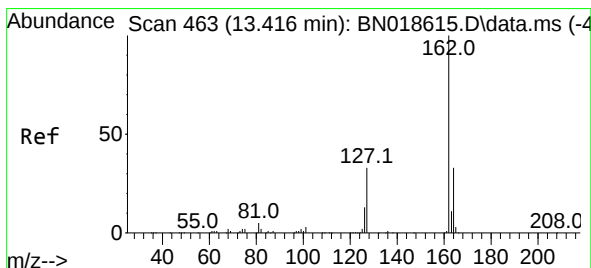
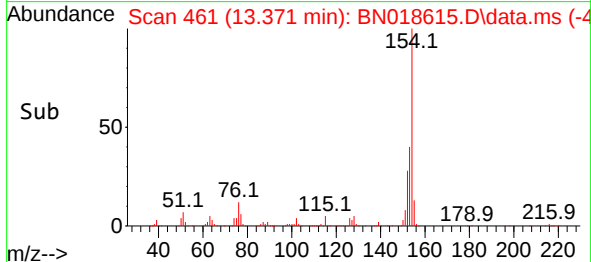
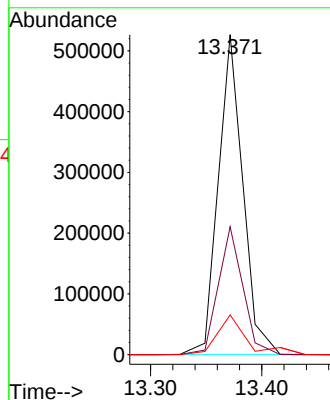
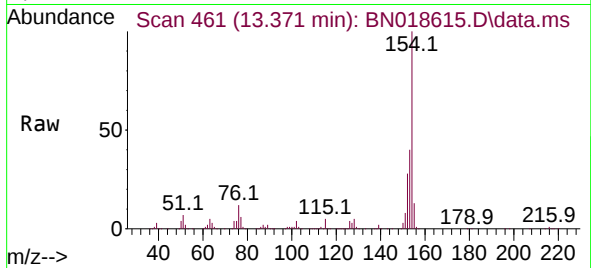




#43
1,1'-Biphenyl
Concen: 22.632 ng/ul
RT: 13.371 min Scan# 461
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

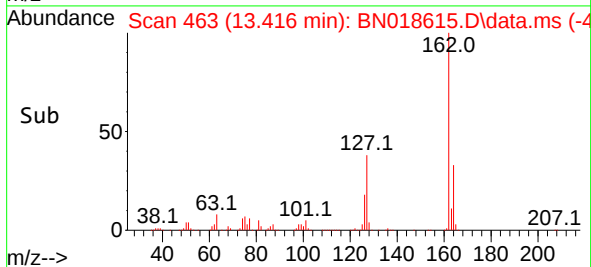
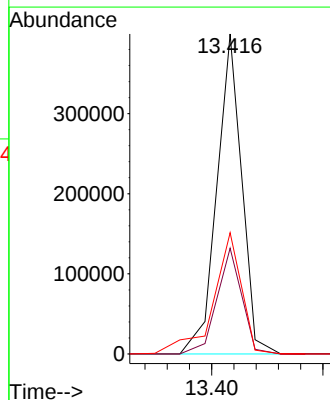
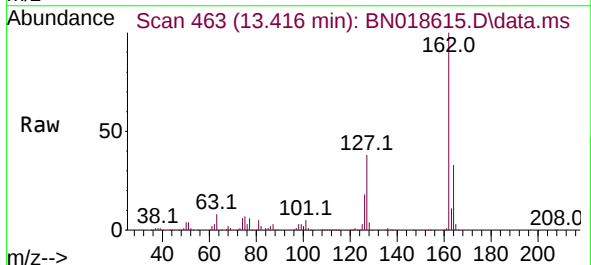
Instrument :
BNA_N
ClientSampleId :
SSTD020229

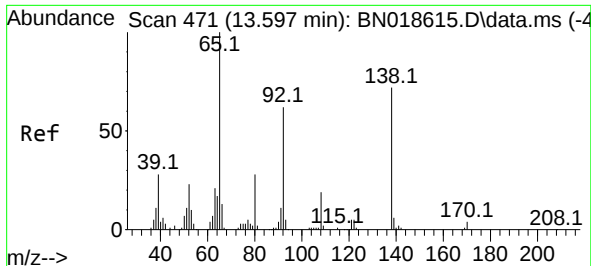
Tgt Ion:154 Resp: 802590
Ion Ratio Lower Upper
154 100
153 40.0 32.4 48.6
76 12.4 12.0 18.0



#44
2-Chloronaphthalene
Concen: 22.581 ng/ul
RT: 13.416 min Scan# 463
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:162 Resp: 618964
Ion Ratio Lower Upper
162 100
164 33.1 26.8 40.2
127 37.9 28.8 43.2

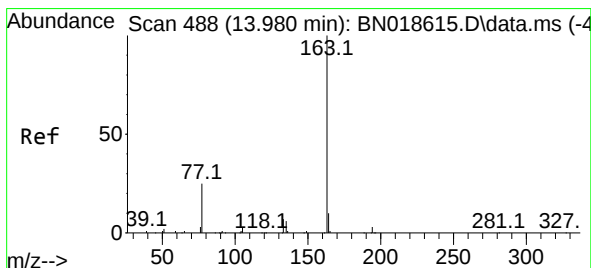
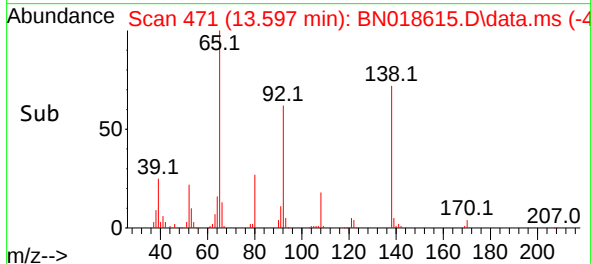
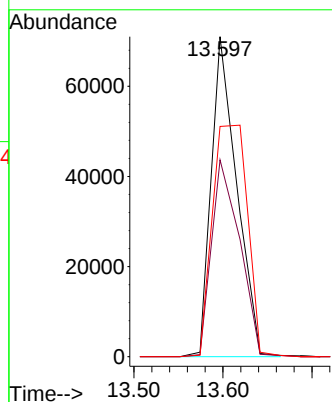
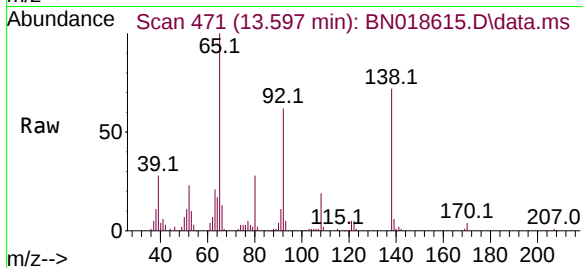




#45
2-Nitroaniline
Concen: 22.518 ng/ul
RT: 13.597 min Scan# 471
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

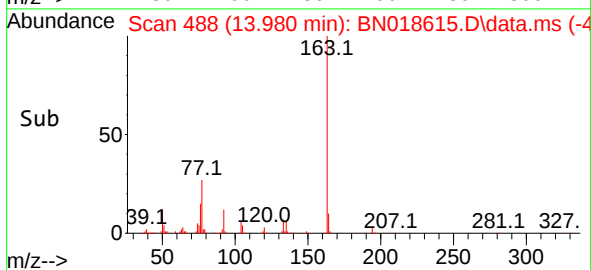
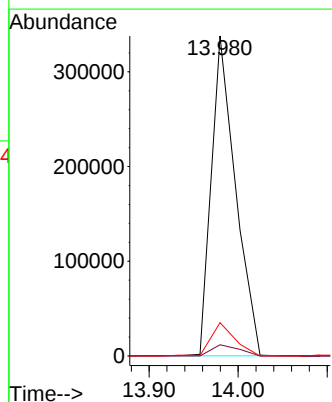
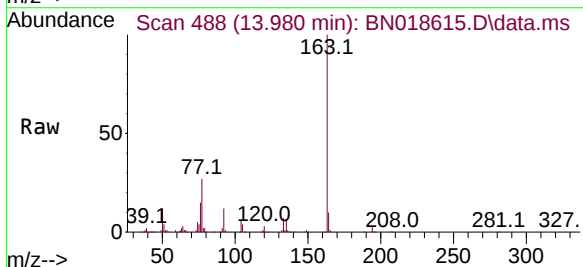
Instrument :
BNA_N
ClientSampleId :
SSTD020229

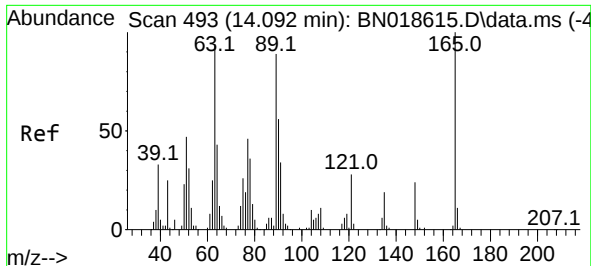
Tgt Ion: 65 Resp: 141645
Ion Ratio Lower Upper
65 100
92 61.5 53.0 79.6
138 72.0 73.8 110.8#



#47
Dimethylphthalate
Concen: 21.711 ng/ul
RT: 13.980 min Scan# 488
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:163 Resp: 638476
Ion Ratio Lower Upper
163 100
194 3.5 3.6 5.4#
164 10.4 8.2 12.4

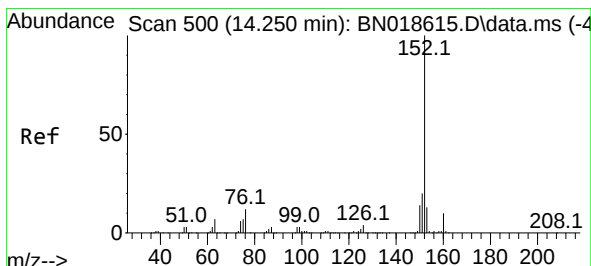
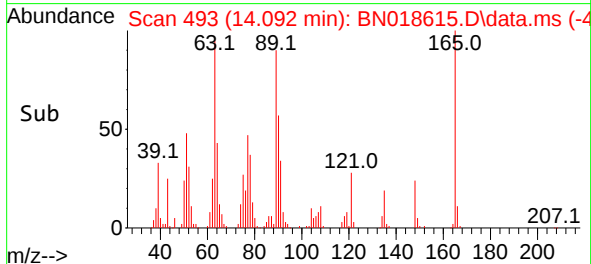
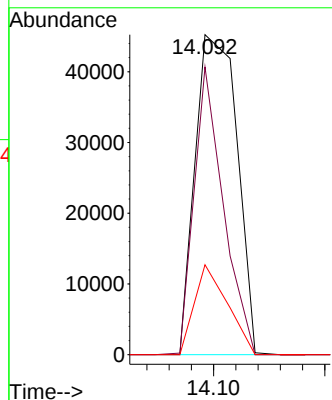
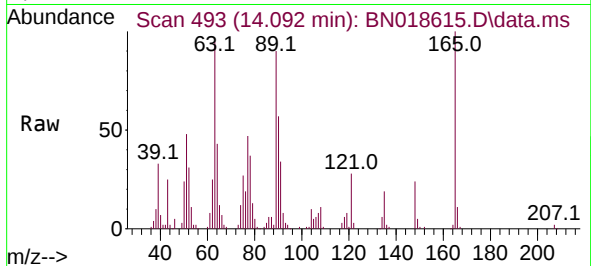




#48
2,6-Dinitrotoluene
Concen: 21.998 ng/ul
RT: 14.092 min Scan# 493
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

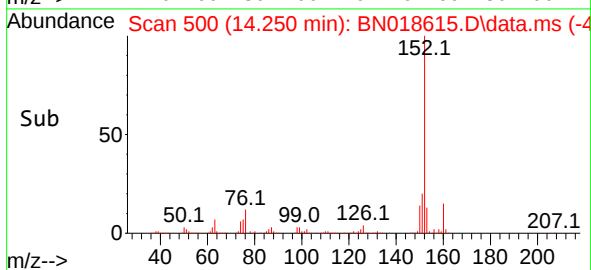
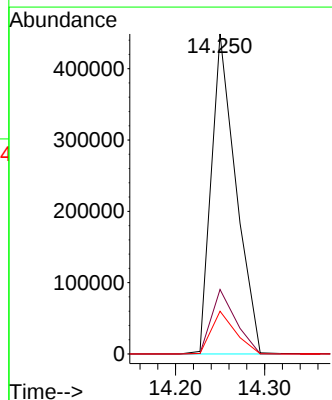
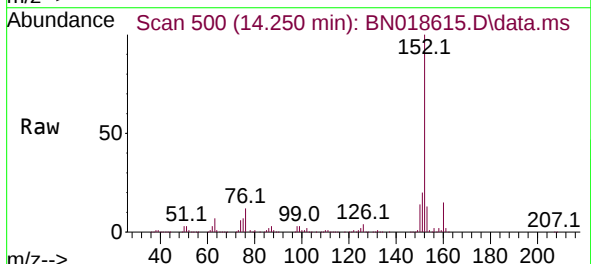
Instrument :
BNA_N
ClientSampleId :
SSTD020229

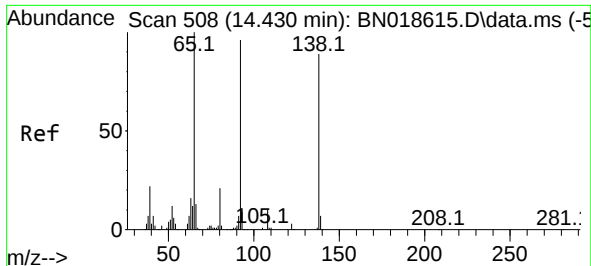
Tgt Ion:165 Resp: 118110
Ion Ratio Lower Upper
165 100
89 89.9 49.3 73.9#
121 28.1 16.8 25.2#



#50
Acenaphthylene
Concen: 21.746 ng/ul
RT: 14.250 min Scan# 500
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:152 Resp: 862282
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 10.6 15.8

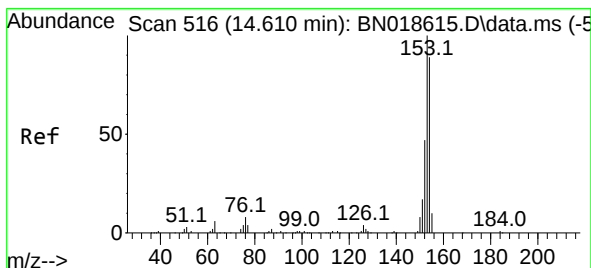
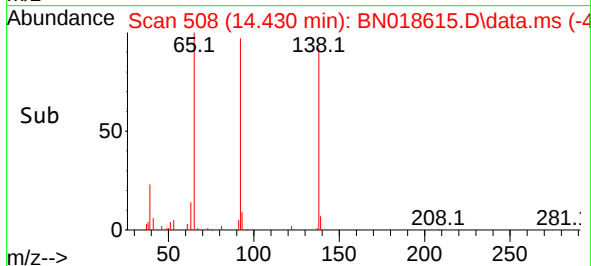
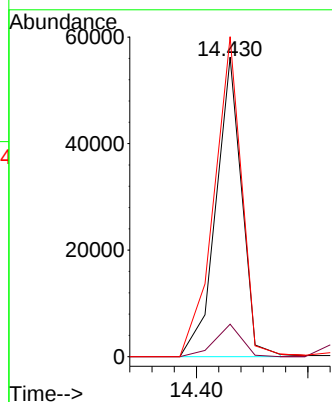
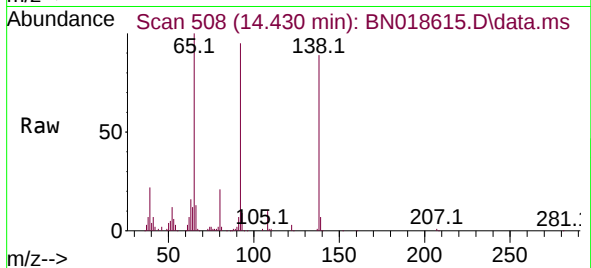




#51
3-Nitroaniline
Concen: 16.899 ng/ul
RT: 14.430 min Scan# 508
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

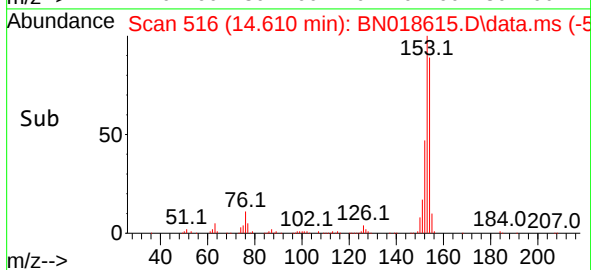
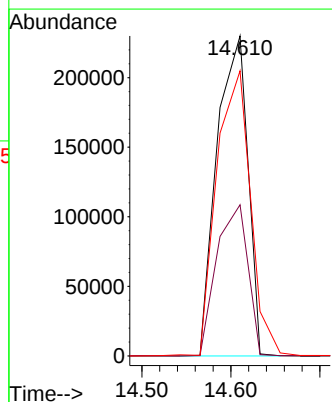
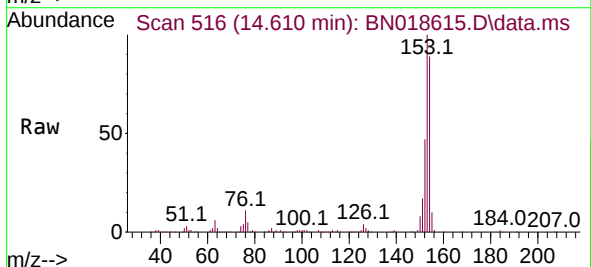
Instrument :
BNA_N
ClientSampleId :
SSTD020229

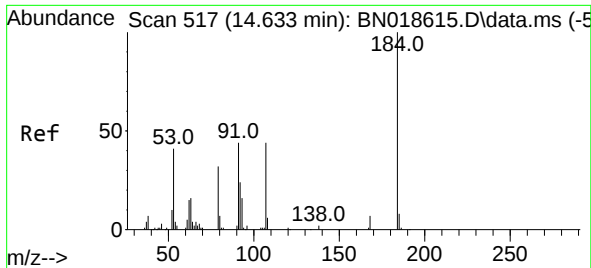
Tgt Ion:138 Resp: 90214
Ion Ratio Lower Upper
138 100
108 10.8 10.6 15.8
92 106.8 107.9 161.9#



#52
Acenaphthene
Concen: 21.647 ng/ul
RT: 14.610 min Scan# 516
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:153 Resp: 555063
Ion Ratio Lower Upper
153 100
152 47.2 37.5 56.3
154 89.1 69.8 104.6

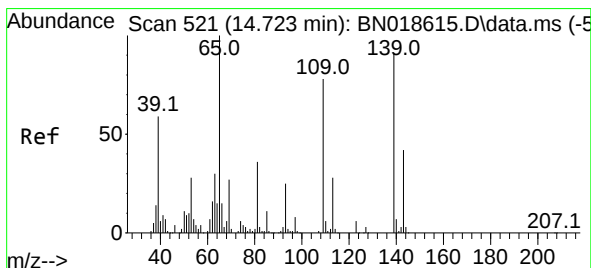
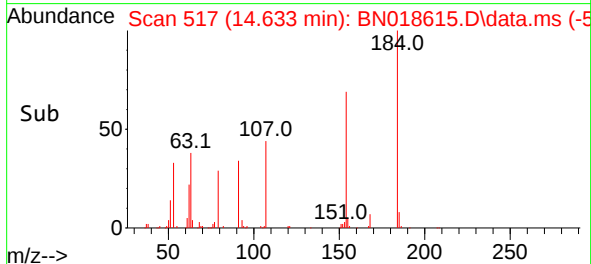
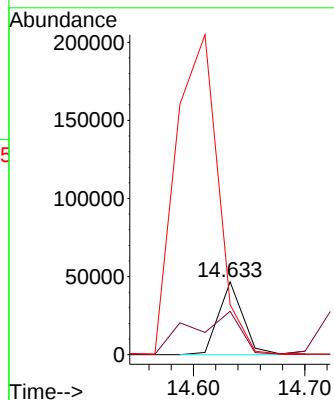
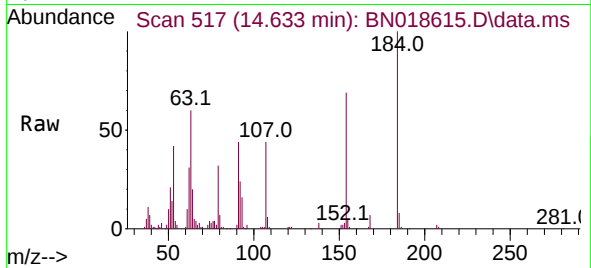




#53
2,4-Dinitrophenol
Concen: 20.835 ng/ul
RT: 14.633 min Scan# 517
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

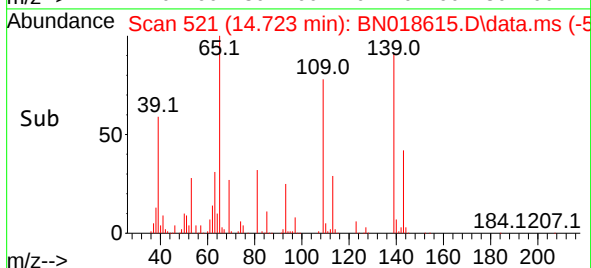
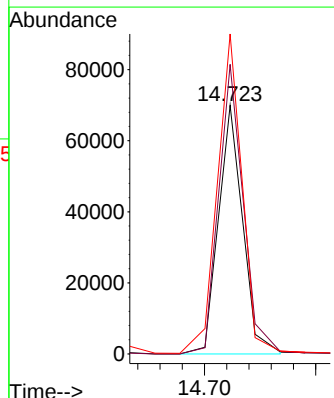
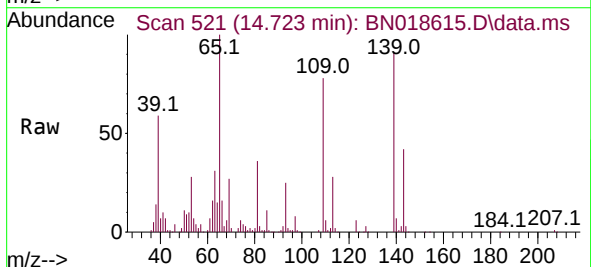
Instrument :
BNA_N
ClientSampleId :
SSTD020229

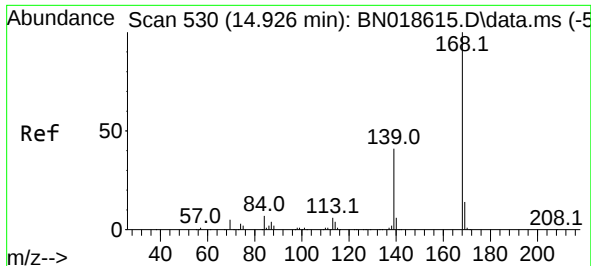
Tgt Ion:184 Resp: 71389
Ion Ratio Lower Upper
184 100
63 59.6 58.6 87.8
154 68.7 46.2 69.2



#55
4-Nitrophenol
Concen: 23.062 ng/ul
RT: 14.723 min Scan# 521
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:109 Resp: 105400
Ion Ratio Lower Upper
109 100
139 116.5 104.0 156.0
65 128.7 117.5 176.3

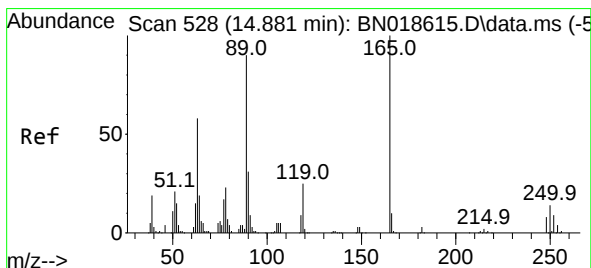
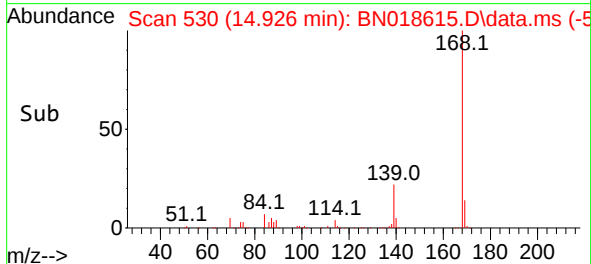
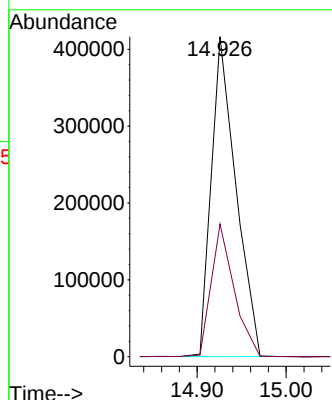
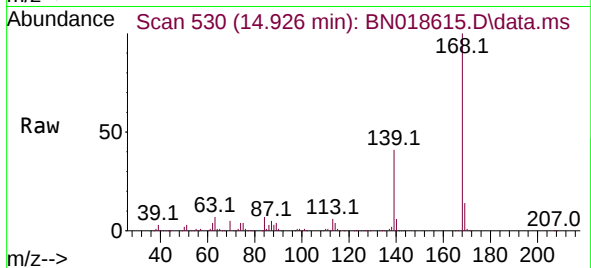




#56
Dibenzenofuran
Concen: 21.584 ng/ul
RT: 14.926 min Scan# 530
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

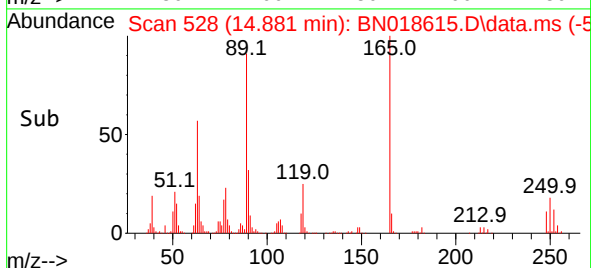
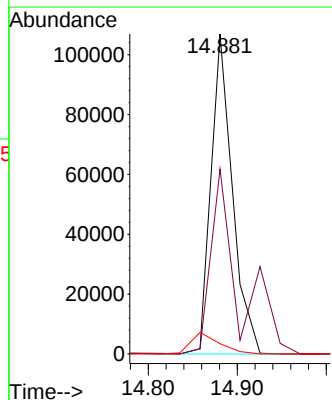
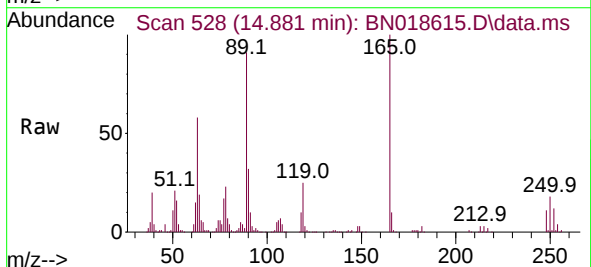
Instrument :
BNA_N
ClientSampleId :
SSTD020229

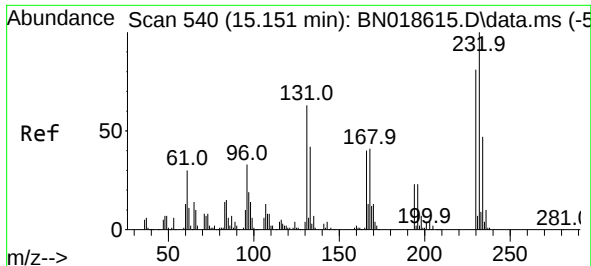
Tgt Ion:168 Resp: 800551
Ion Ratio Lower Upper
168 100
139 41.5 27.8 41.6



#57
2,4-Dinitrotoluene
Concen: 22.546 ng/ul
RT: 14.881 min Scan# 528
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:165 Resp: 178675
Ion Ratio Lower Upper
165 100
63 57.8 36.0 54.0#
182 3.2 2.2 3.2





#58

2,3,4,6-Tetrachlorophenol

Concen: 22.669 ng/ul

RT: 15.151 min Scan# 540

Delta R.T. 0.000 min

Lab File: BN018615.D

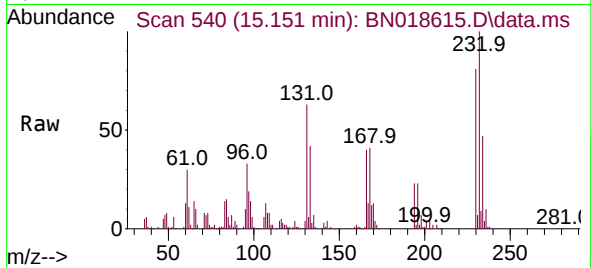
Acq: 15 Feb 2022 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD020229



Tgt Ion:232 Resp: 149780

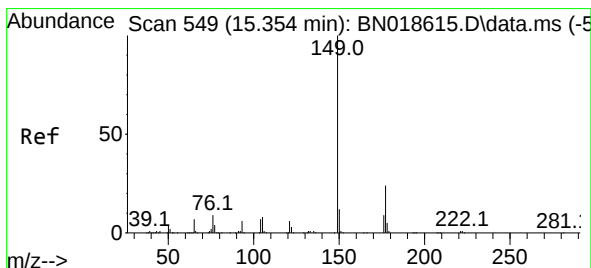
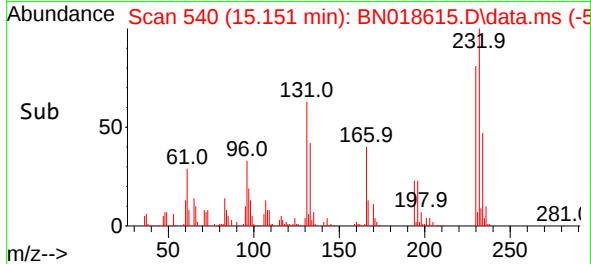
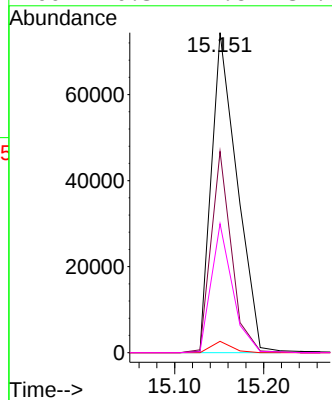
Ion Ratio Lower Upper

232 100

131 62.9 31.4 47.0#

130 3.5 1.8 2.6#

166 40.3 21.8 32.8#



#59

Diethylphthalate

Concen: 23.108 ng/ul

RT: 15.354 min Scan# 549

Delta R.T. 0.000 min

Lab File: BN018615.D

Acq: 15 Feb 2022 16:51

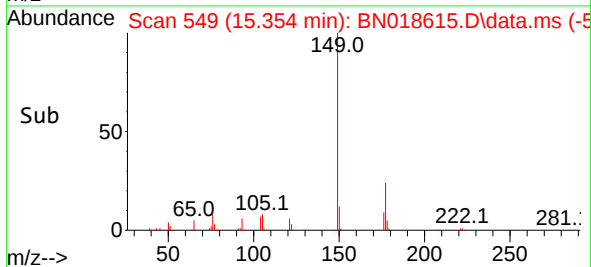
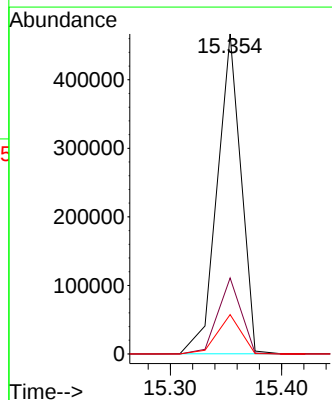
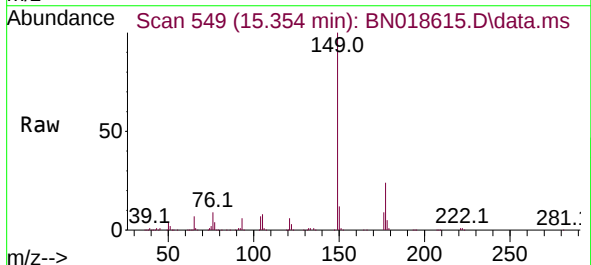
Tgt Ion:149 Resp: 691033

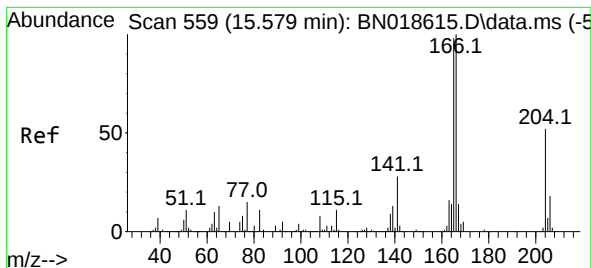
Ion Ratio Lower Upper

149 100

177 23.8 18.6 28.0

150 12.3 10.0 15.0





#61

Fluorene

Concen: 22.073 ng/ul

RT: 15.579 min Scan# 5

Delta R.T. 0.000 min

Lab File: BN018615.D

Acq: 15 Feb 2022 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD020229

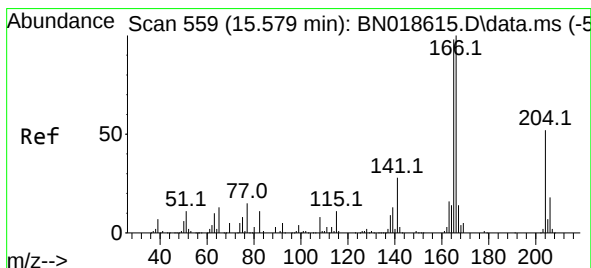
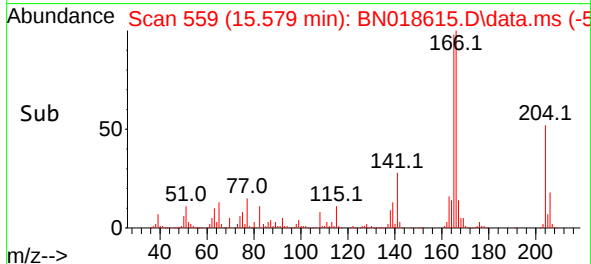
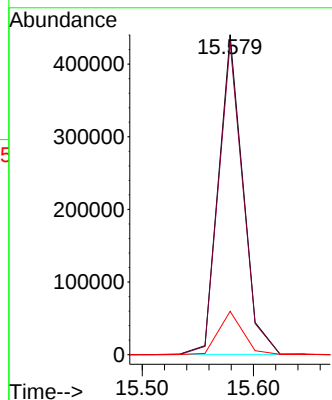
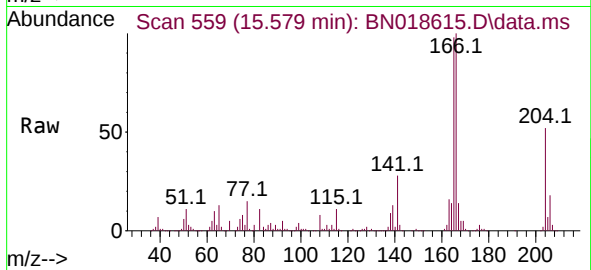
Tgt Ion:166 Resp: 670319

Ion Ratio Lower Upper

166 100

165 97.6 79.0 118.4

167 13.5 11.0 16.4



#62

4-Chlorophenyl-phenylether

Concen: 21.852 ng/ul

RT: 15.579 min Scan# 559

Delta R.T. 0.000 min

Lab File: BN018615.D

Acq: 15 Feb 2022 16:51

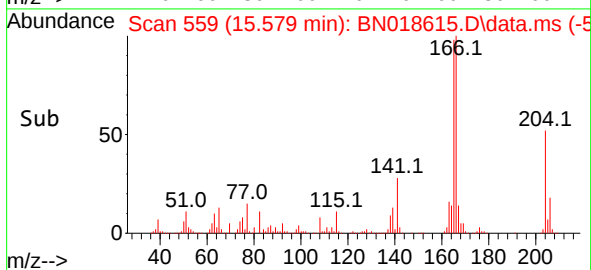
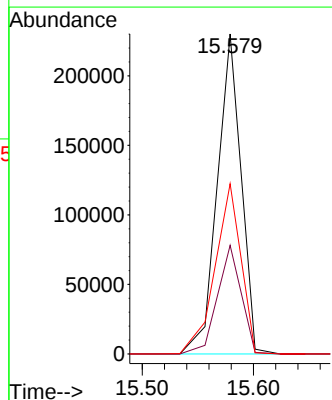
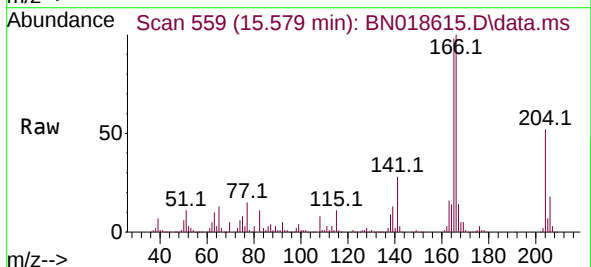
Tgt Ion:204 Resp: 342223

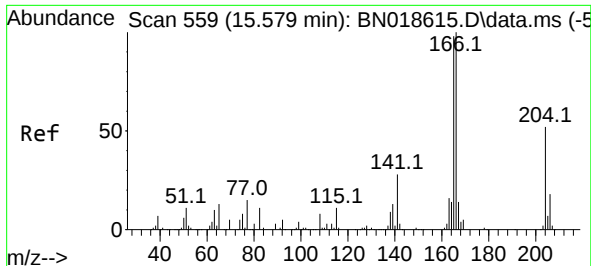
Ion Ratio Lower Upper

204 100

206 33.9 26.8 40.2

141 53.2 43.1 64.7

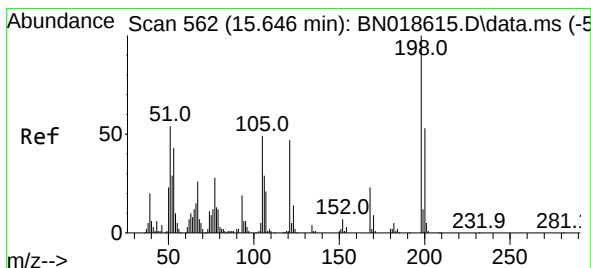
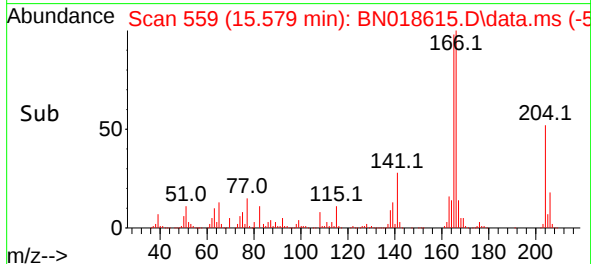
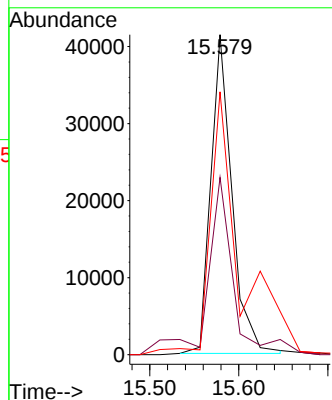
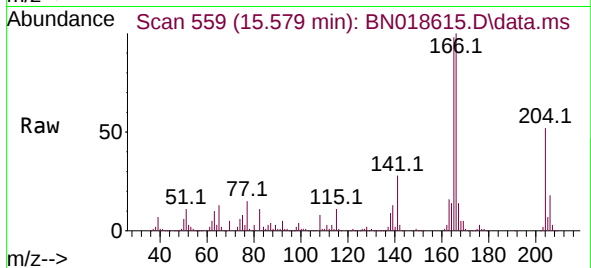




#63
4-Nitroaniline
Concen: 15.738 ng/ul
RT: 15.579 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

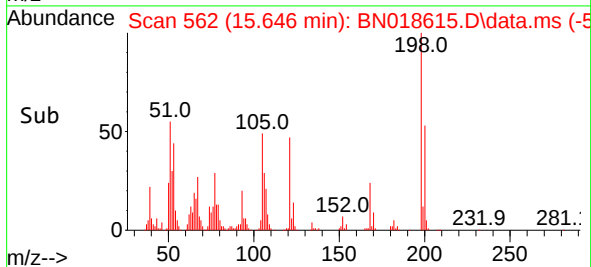
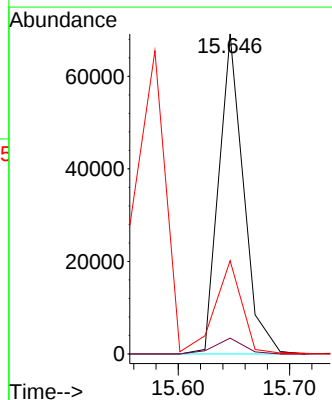
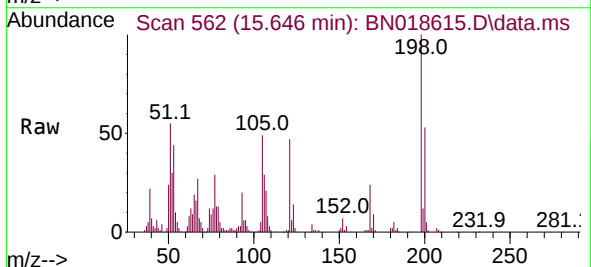
Instrument :
BNA_N
ClientSampleId :
SSTD020229

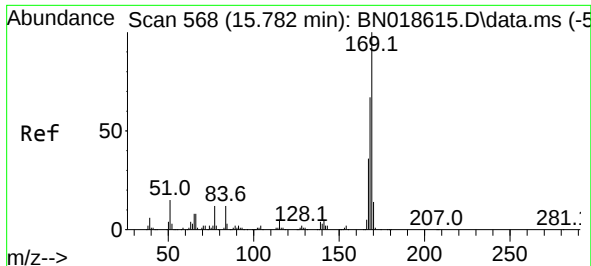
Tgt Ion:138 Resp: 67990
Ion Ratio Lower Upper
138 100
92 55.4 45.6 68.4
108 82.1 68.0 102.0



#66
4,6-Dinitro-2-methylphenol
Concen: 21.610 ng/ul
RT: 15.646 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:198 Resp: 106896
Ion Ratio Lower Upper
198 100
182 4.9 3.4 5.2
77 29.2 21.1 31.7





#67

N-Nitrosodiphenylamine

Concen: 22.554 ng/ul

RT: 15.782 min Scan# 5

Delta R.T. 0.000 min

Lab File: BN018615.D

Acq: 15 Feb 2022 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD020229

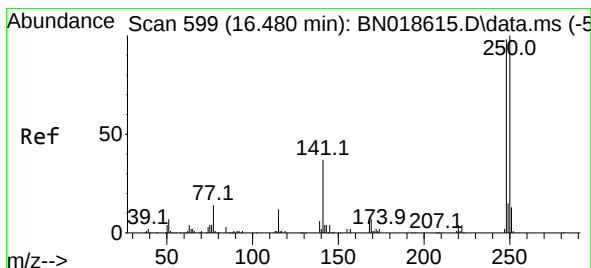
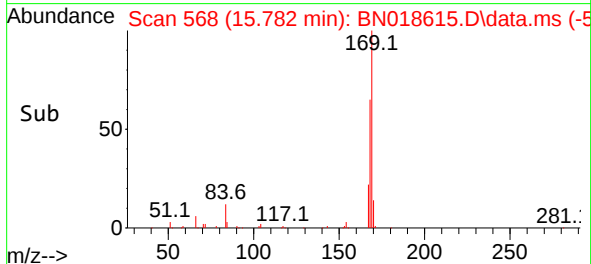
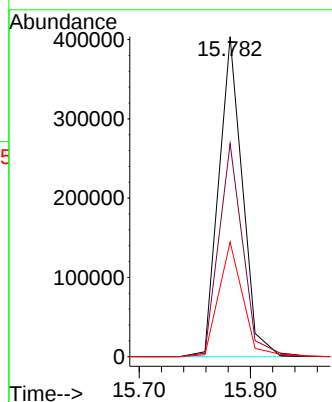
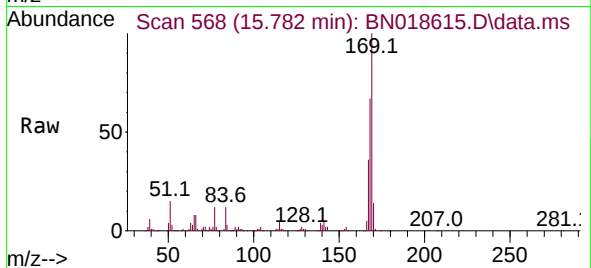
Tgt Ion:169 Resp: 595199

Ion Ratio Lower Upper

169 100

168 66.6 52.2 78.4

167 35.8 27.4 41.2



#68

4-Bromophenyl-phenylether

Concen: 21.258 ng/ul

RT: 16.480 min Scan# 599

Delta R.T. 0.000 min

Lab File: BN018615.D

Acq: 15 Feb 2022 16:51

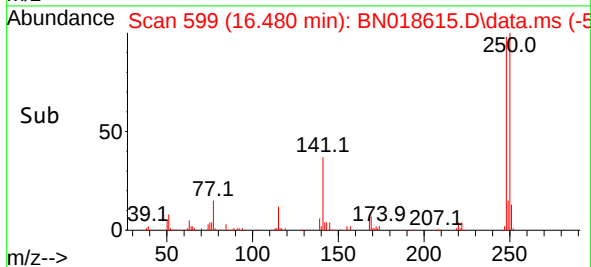
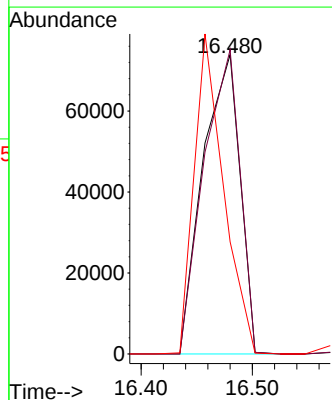
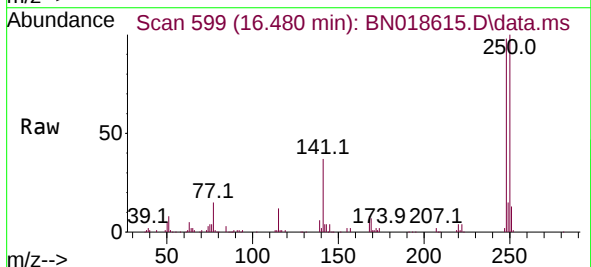
Tgt Ion:248 Resp: 170858

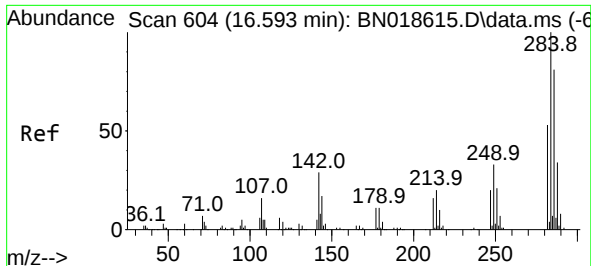
Ion Ratio Lower Upper

248 100

250 101.7 72.3 108.5

141 37.5 53.7 80.5#

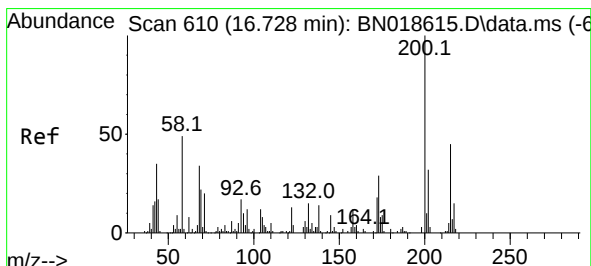
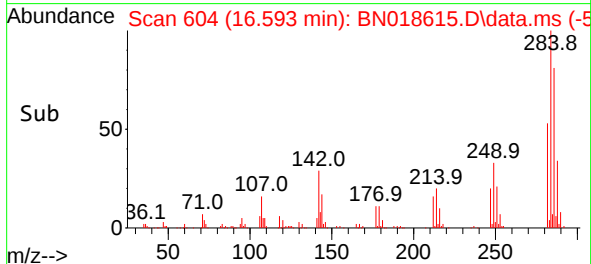
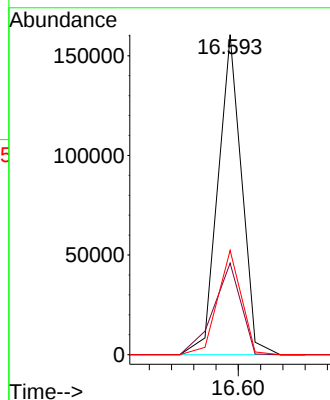
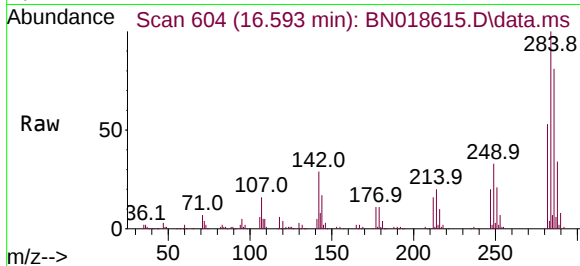




#69
Hexachlorobenzene
Concen: 22.027 ng/ul
RT: 16.593 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

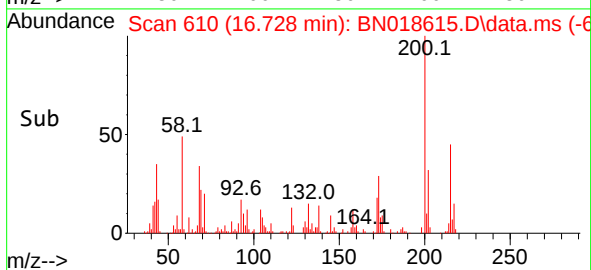
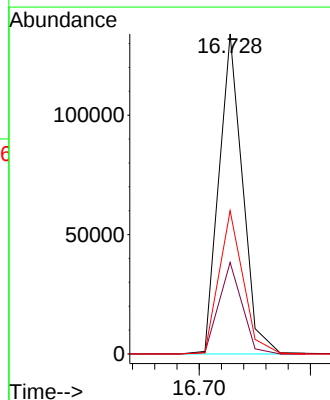
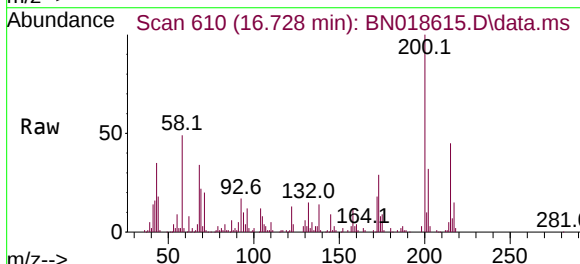
Instrument :
BNA_N
ClientSampleId :
SSTD020229

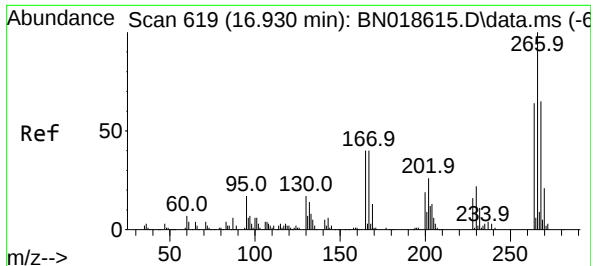
Tgt Ion:284 Resp: 236938
Ion Ratio Lower Upper
284 100
142 28.6 24.3 36.5
249 32.6 23.8 35.6



#70
Atrazine
Concen: 21.524 ng/ul
RT: 16.728 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:200 Resp: 197533
Ion Ratio Lower Upper
200 100
173 28.6 20.2 30.2
215 44.7 39.7 59.5

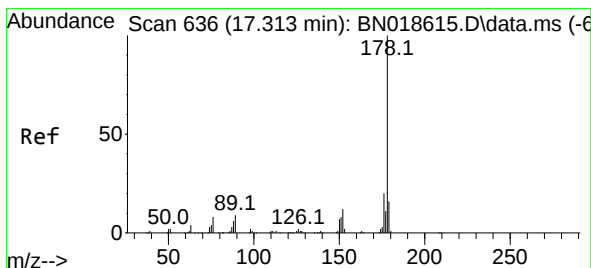
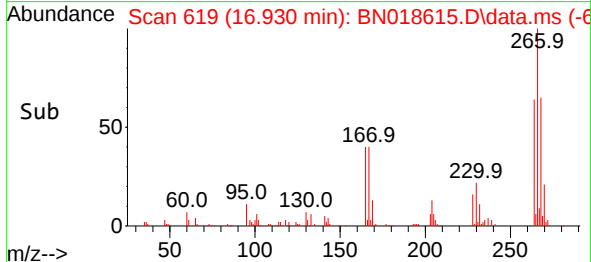
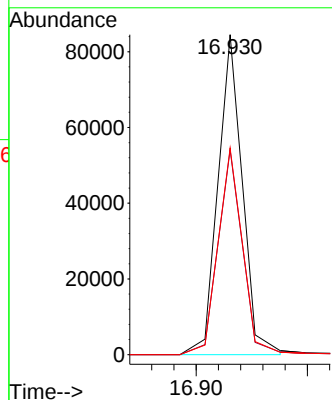
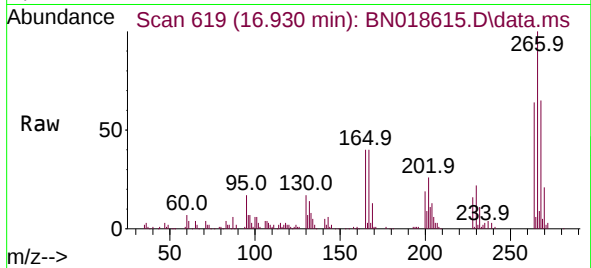




#71
 Pentachlorophenol
 Concen: 20.900 ng/ul
 RT: 16.930 min Scan# 619
 Delta R.T. 0.000 min
 Lab File: BN018615.D
 Acq: 15 Feb 2022 16:51

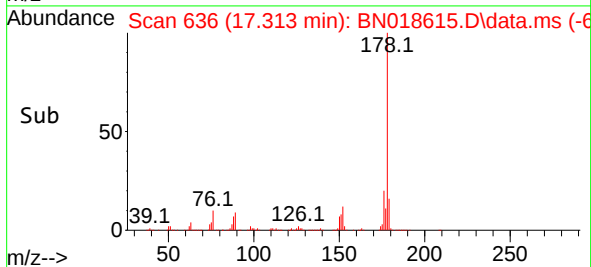
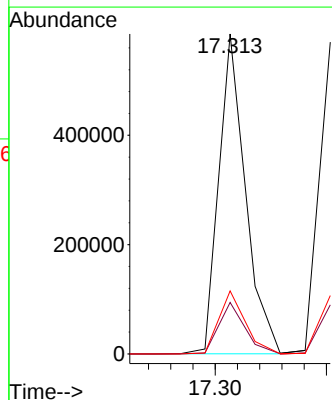
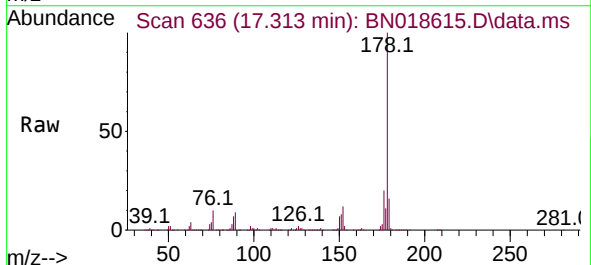
Instrument :
 BNA_N
 ClientSampleId :
 SST020229

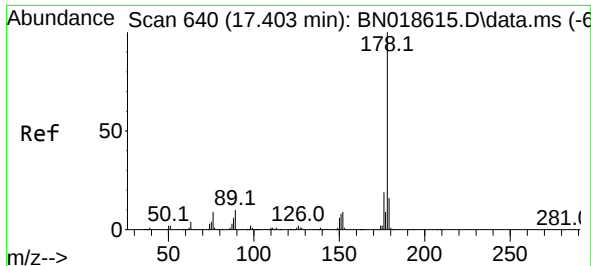
Tgt Ion:266 Resp: 128253
 Ion Ratio Lower Upper
 266 100
 264 64.0 52.0 78.0
 268 64.6 53.5 80.3



#72
 Phenanthrene
 Concen: 21.315 ng/ul
 RT: 17.313 min Scan# 636
 Delta R.T. 0.000 min
 Lab File: BN018615.D
 Acq: 15 Feb 2022 16:51

Tgt Ion:178 Resp: 971401
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.2 18.4
 176 19.7 14.6 21.8

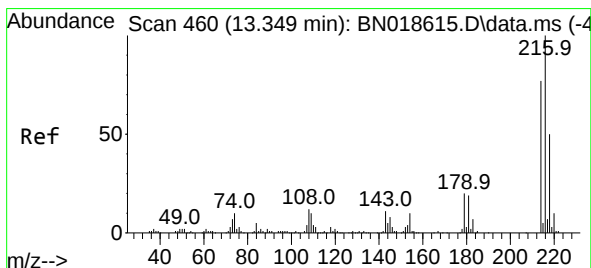
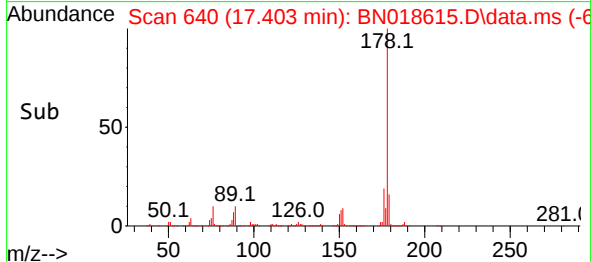
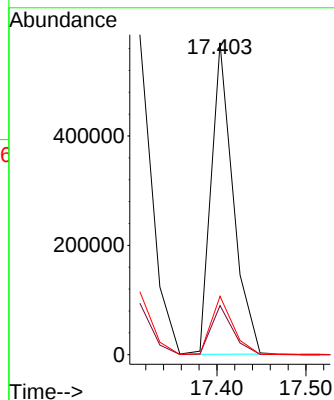
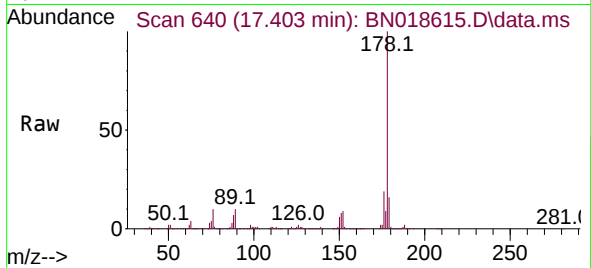




#74
 Anthracene
 Concen: 21.692 ng/uL
 RT: 17.403 min Scan# 640
 Delta R.T. 0.000 min
 Lab File: BN018615.D
 Acq: 15 Feb 2022 16:51

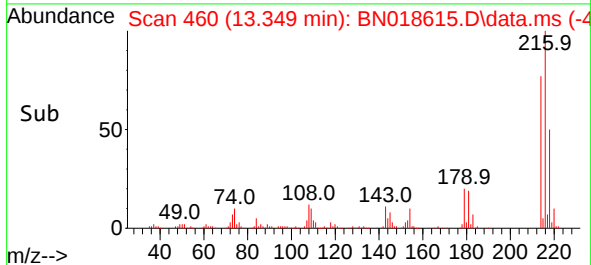
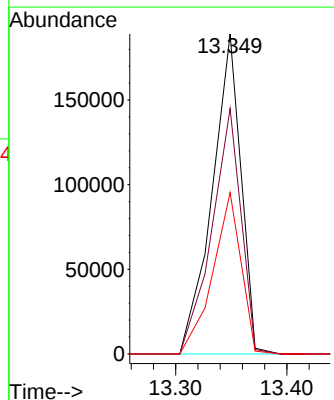
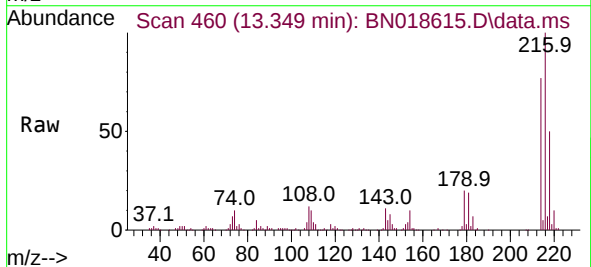
Instrument :
 BNA_N
 ClientSampleId :
 SST020229

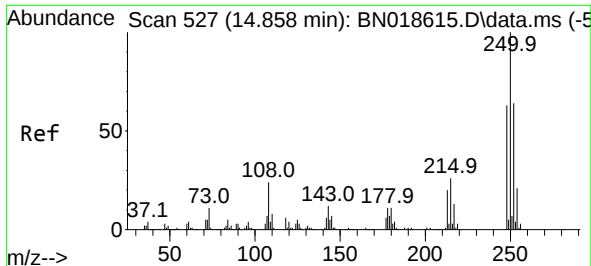
Tgt Ion:178 Resp: 976608
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.3 18.5
 176 18.7 14.7 22.1



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 21.990 ng/uL
 RT: 13.349 min Scan# 460
 Delta R.T. 0.000 min
 Lab File: BN018615.D
 Acq: 15 Feb 2022 16:51

Tgt Ion:216 Resp: 339782
 Ion Ratio Lower Upper
 216 100
 214 76.7 63.1 94.7
 218 50.4 39.8 59.6

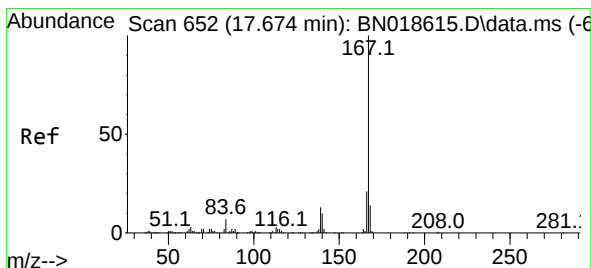
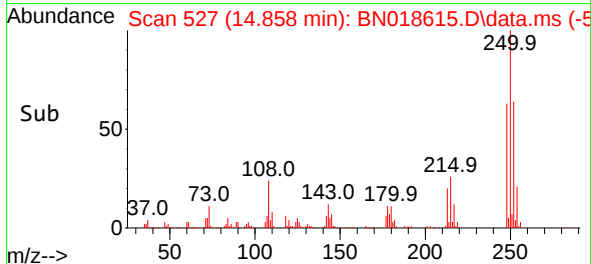
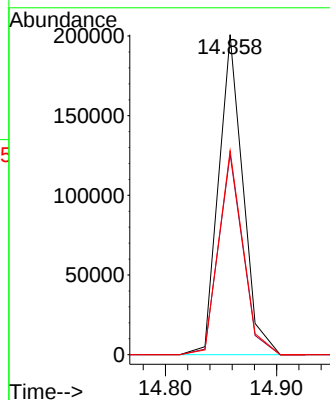
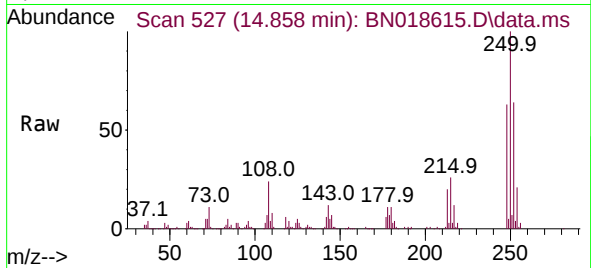




#76
 Pentachlorobenzene
 Concen: 22.529 ng/uL
 RT: 14.858 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN018615.D
 Acq: 15 Feb 2022 16:51

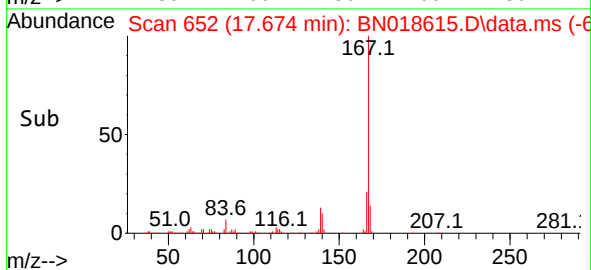
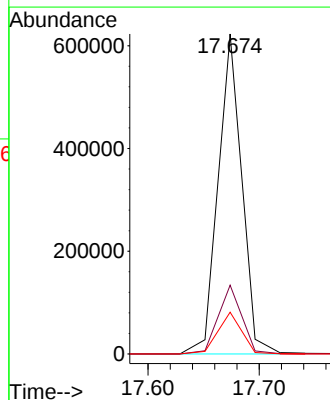
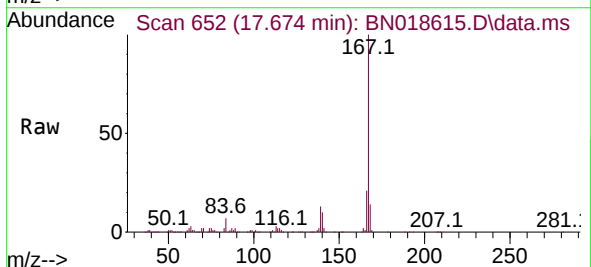
Instrument :
 BNA_N
 ClientSampleId :
 SST020229

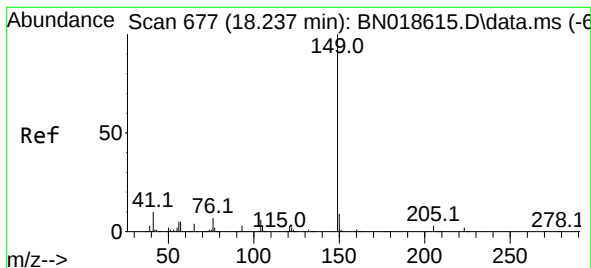
Tgt Ion:250 Resp: 304748
 Ion Ratio Lower Upper
 250 100
 248 62.7 49.5 74.3
 252 63.8 52.7 79.1



#77
 Carbazole
 Concen: 23.408 ng/uL
 RT: 17.674 min Scan# 652
 Delta R.T. 0.000 min
 Lab File: BN018615.D
 Acq: 15 Feb 2022 16:51

Tgt Ion:167 Resp: 921074
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.9 25.3
 139 13.1 9.6 14.4





#78

Di-n-butylphthalate

Concen: 22.597 ng/ul

RT: 18.237 min Scan# 677

Delta R.T. 0.000 min

Lab File: BN018615.D

Acq: 15 Feb 2022 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD020229

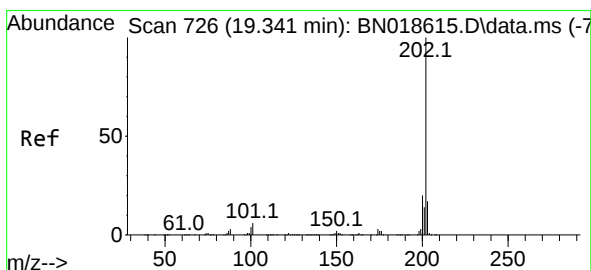
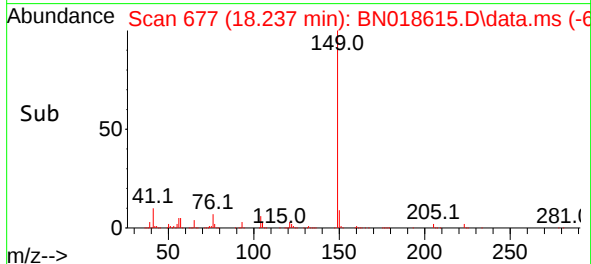
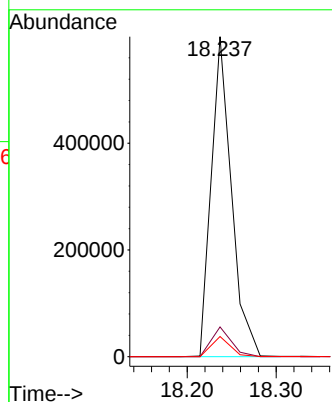
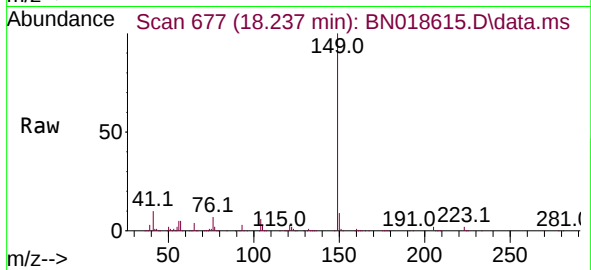
Tgt Ion:149 Resp: 948758

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 6.3 4.2 6.2#



#80

Fluoranthene

Concen: 22.827 ng/ul

RT: 19.341 min Scan# 726

Delta R.T. 0.000 min

Lab File: BN018615.D

Acq: 15 Feb 2022 16:51

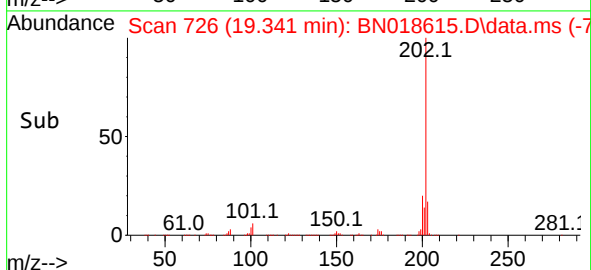
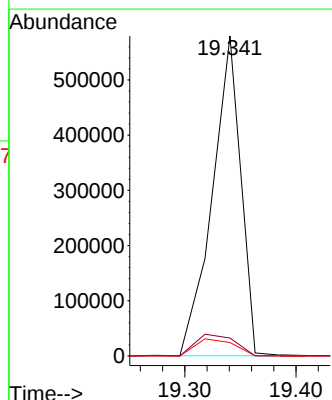
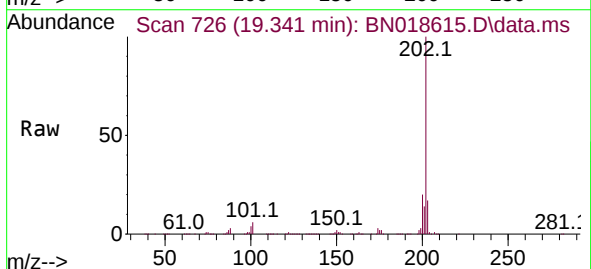
Tgt Ion:202 Resp: 1030185

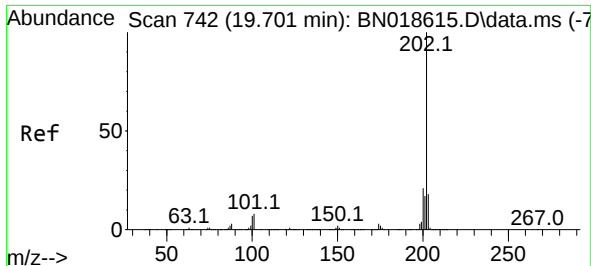
Ion Ratio Lower Upper

202 100

101 5.6 8.5 12.7#

100 4.2 6.4 9.6#

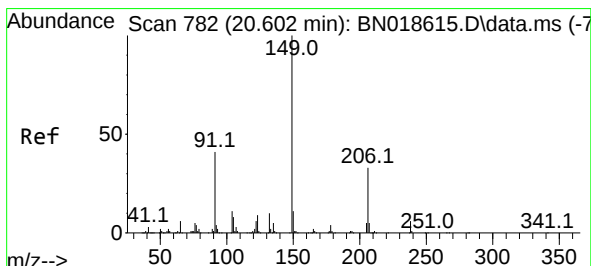
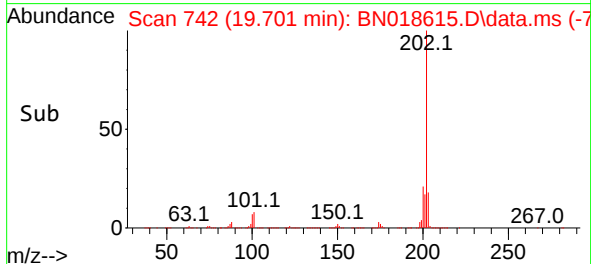
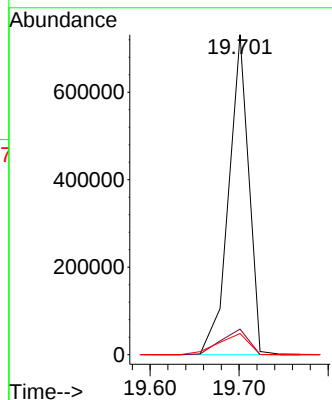
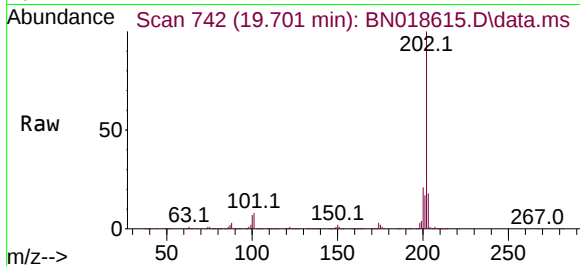




#82
Pyrene
Concen: 23.035 ng/ul
RT: 19.701 min Scan# 742
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

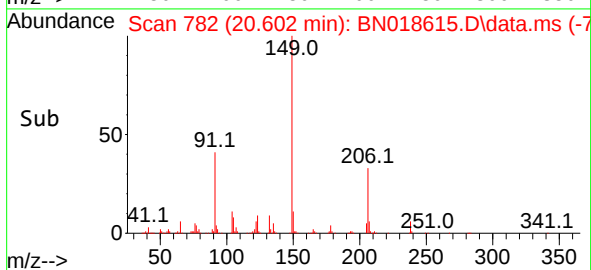
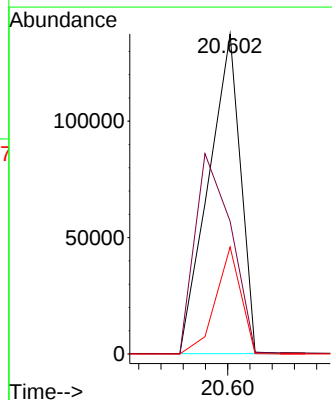
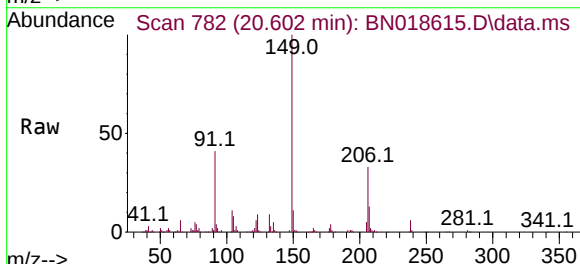
Instrument :
BNA_N
ClientSampleId :
SSTD020229

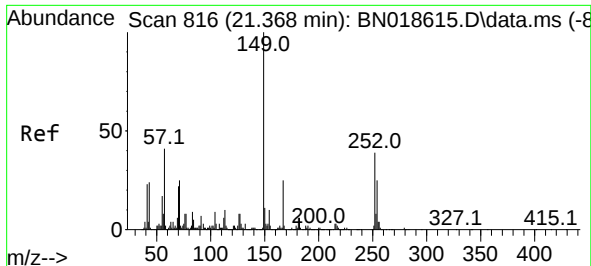
Tgt Ion:202 Resp: 1143239
Ion Ratio Lower Upper
202 100
101 8.0 9.6 14.4#
100 6.6 7.8 11.8#



#83
Butylbenzylphthalate
Concen: 22.329 ng/ul
RT: 20.602 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:149 Resp: 273721
Ion Ratio Lower Upper
149 100
91 41.4 63.7 95.5#
206 33.4 19.1 28.7#

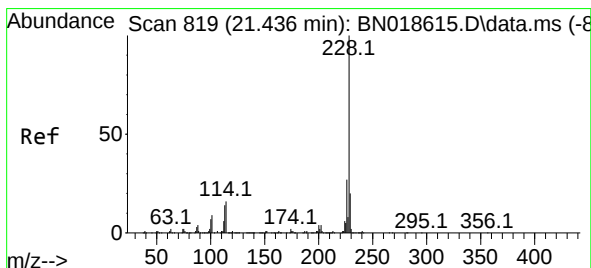
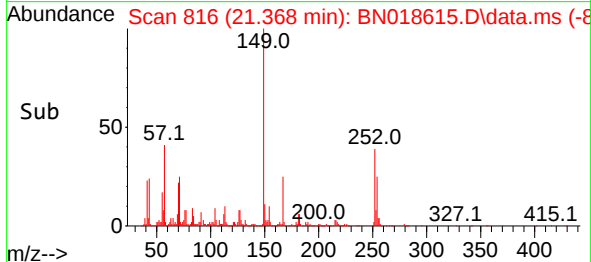
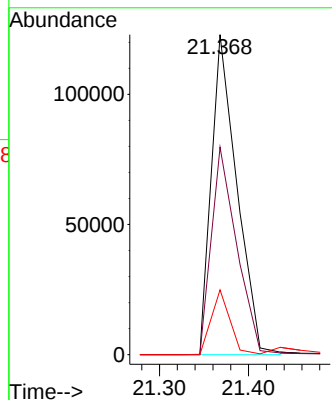
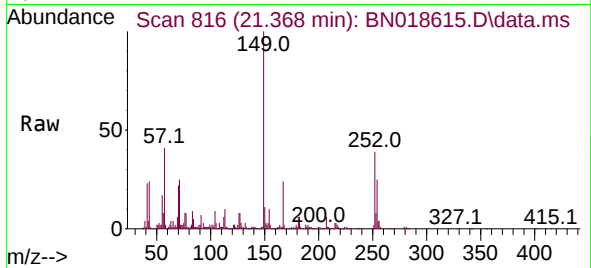




#84
3,3'-Dichlorobenzidine
Concen: 17.863 ng/ul
RT: 21.368 min Scan# 816
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

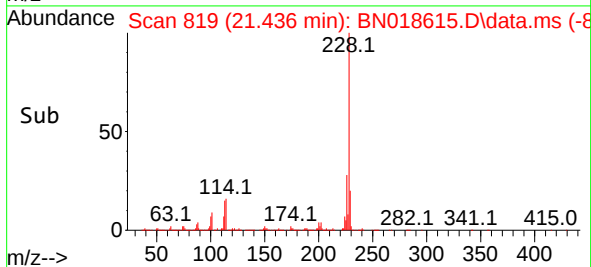
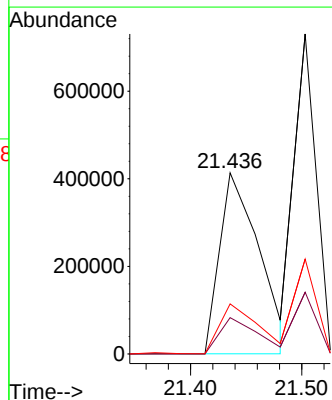
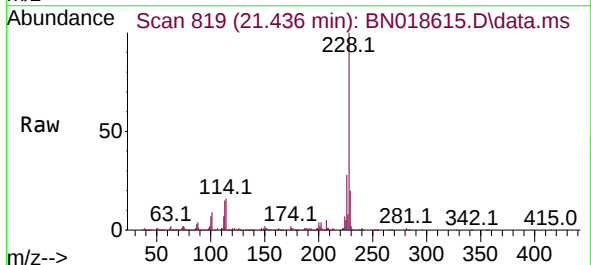
Instrument :
BNA_N
ClientSampleId :
SSTD020229

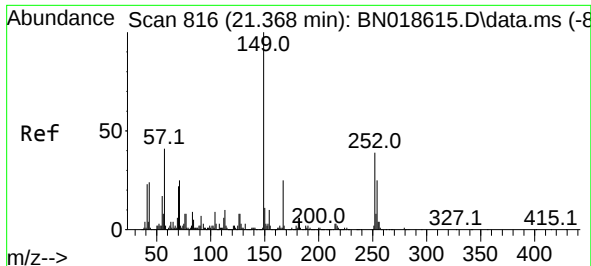
Tgt Ion:252 Resp: 244653
Ion Ratio Lower Upper
252 100
254 64.9 51.5 77.3
126 20.2 7.9 11.9#



#85
Benzo(a)anthracene
Concen: 21.703 ng/ul
RT: 21.436 min Scan# 819
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:228 Resp: 1032424
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.2
226 27.6 21.0 31.6

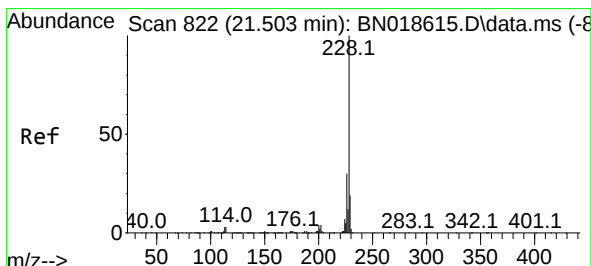
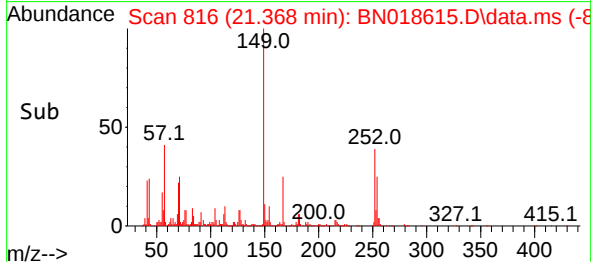
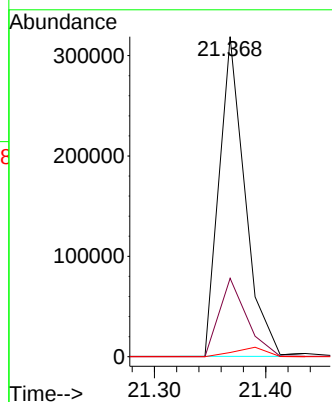
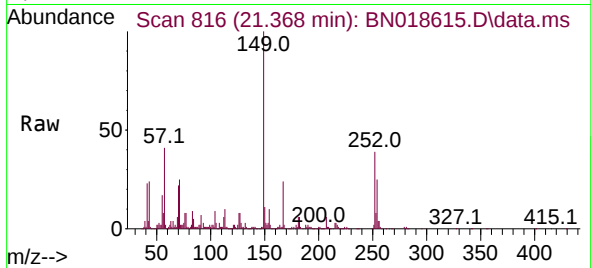




#86
Bis(2-ethylhexyl)phthalate
Concen: 18.136 ng/ul
RT: 21.368 min Scan# 816
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

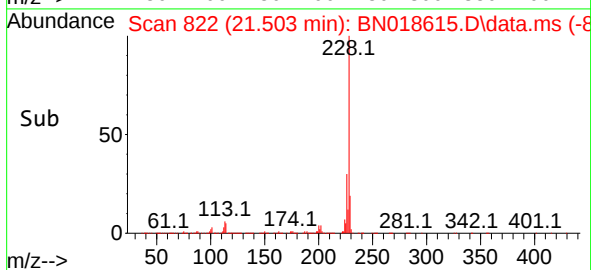
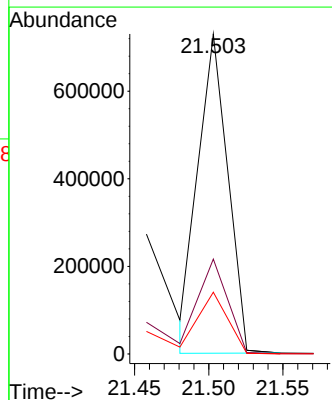
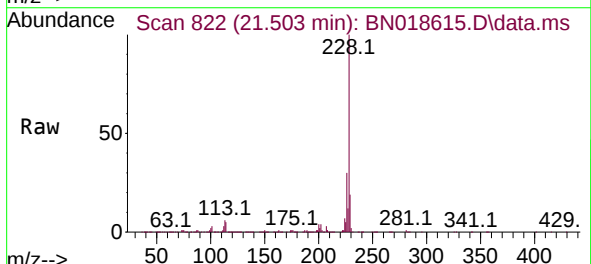
Instrument :
BNA_N
ClientSampleId :
SSTD020229

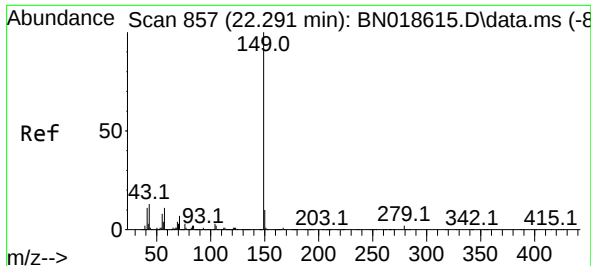
Tgt Ion:149 Resp: 512679
Ion Ratio Lower Upper
149 100
167 24.5 23.4 35.0
279 1.3 4.1 6.1#



#87
Chrysene
Concen: 24.726 ng/ul
RT: 21.503 min Scan# 822
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:228 Resp: 994410
Ion Ratio Lower Upper
228 100
226 29.7 23.5 35.3
229 19.3 15.0 22.4

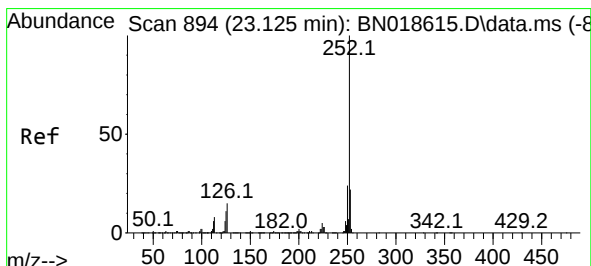
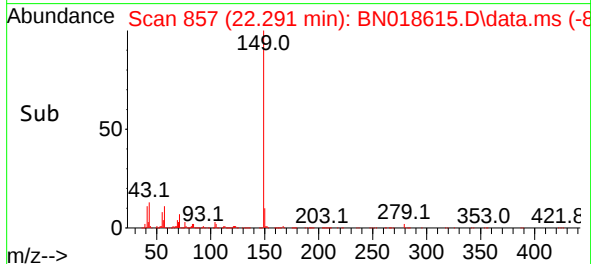
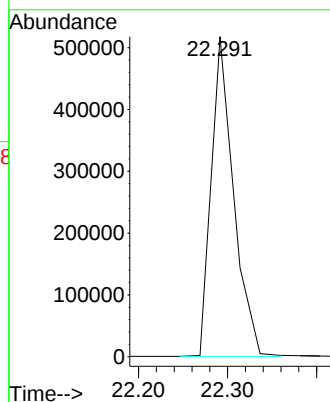
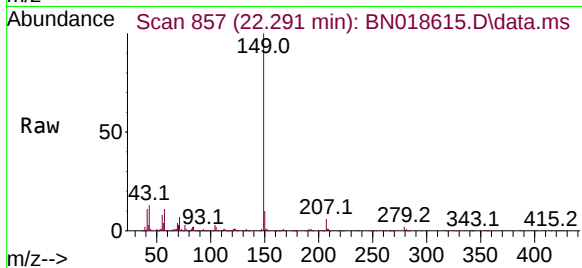




#89
Di-n-octyl phthalate
Concen: 18.110 ng/ul
RT: 22.291 min Scan# 857
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

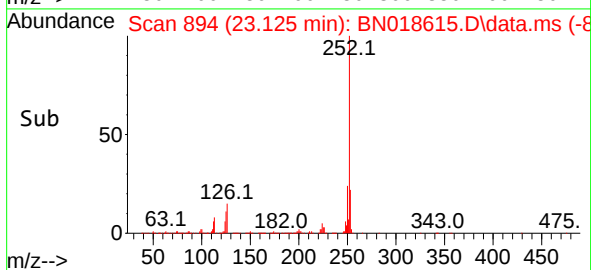
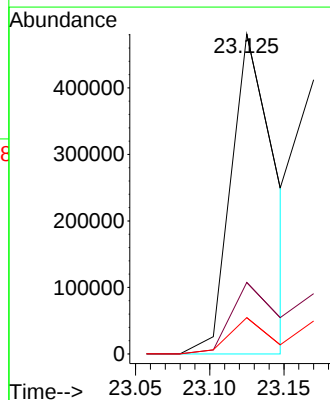
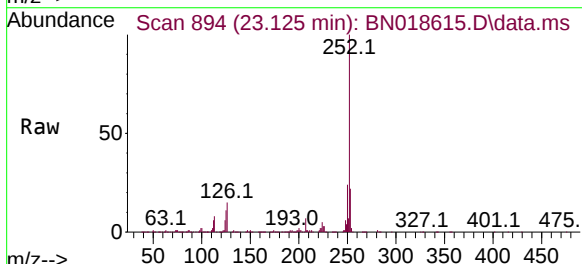
Instrument :
BNA_N
ClientSampleId :
SSTD020229

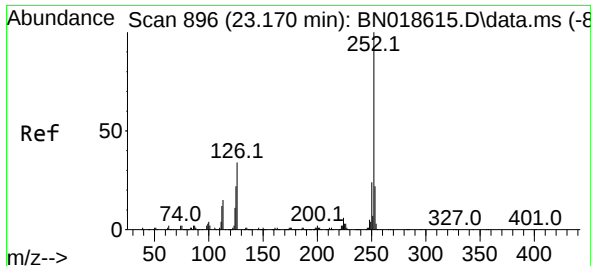
Tgt Ion:149 Resp: 902949



#90
Benzo(b)fluoranthene
Concen: 20.227 ng/ul
RT: 23.125 min Scan# 894
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:252 Resp: 1022397
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.3 7.2 10.8#

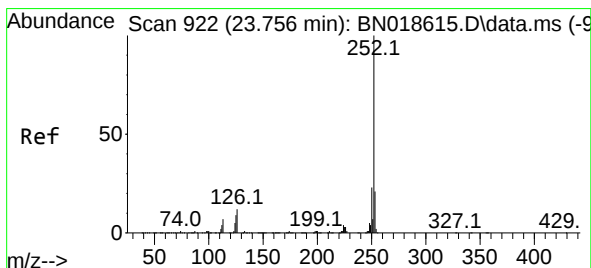
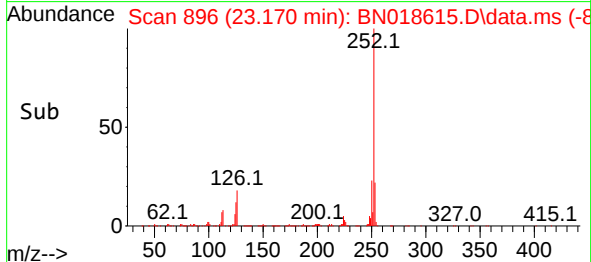
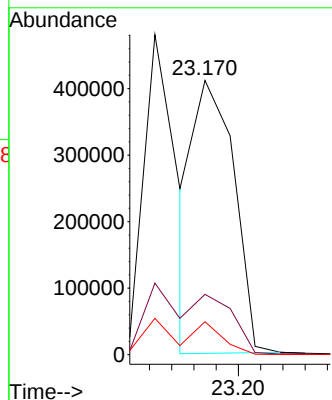
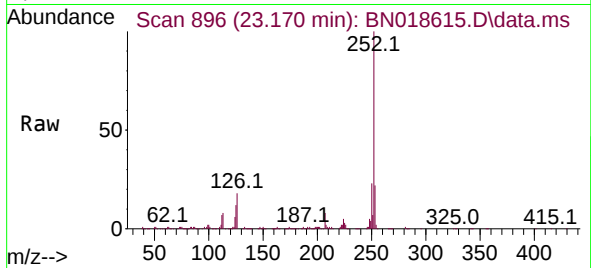




#91
Benzo(k)fluoranthene
Concen: 22.529 ng/ul
RT: 23.170 min Scan# 896
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

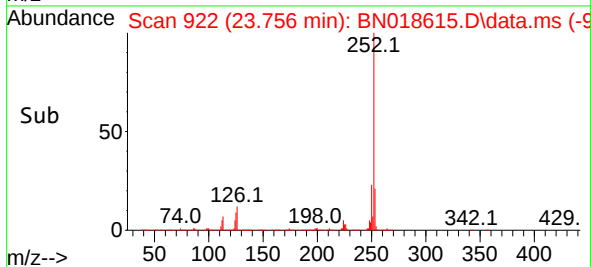
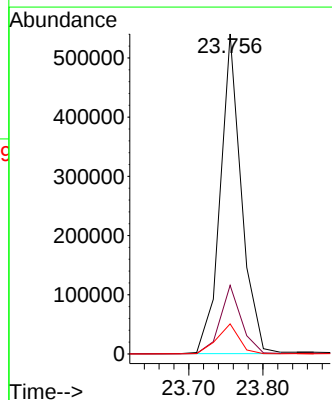
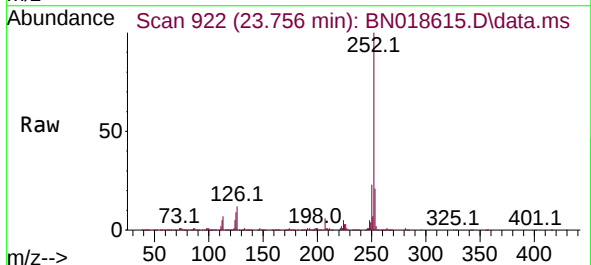
Instrument :
BNA_N
ClientSampleId :
SSTD020229

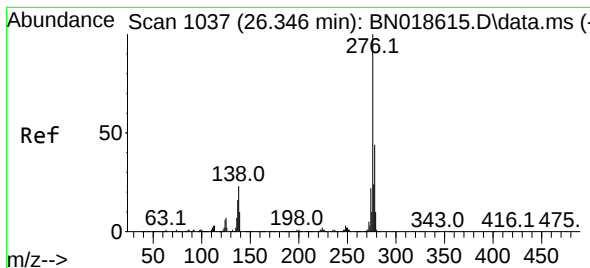
Tgt Ion:252 Resp: 1009936
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 12.0 6.9 10.3#



#93
Benzo(a)pyrene
Concen: 22.342 ng/ul
RT: 23.756 min Scan# 922
Delta R.T. 0.000 min
Lab File: BN018615.D
Acq: 15 Feb 2022 16:51

Tgt Ion:252 Resp: 1067667
Ion Ratio Lower Upper
252 100
253 21.4 19.3 28.9
125 9.4 8.0 12.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 22.297 ng/ul

RT: 26.346 min Scan# 1037

Delta R.T. 0.000 min

Lab File: BN018615.D

Acq: 15 Feb 2022 16:51

Instrument :

BNA_N

ClientSampleId :

SSTD020229

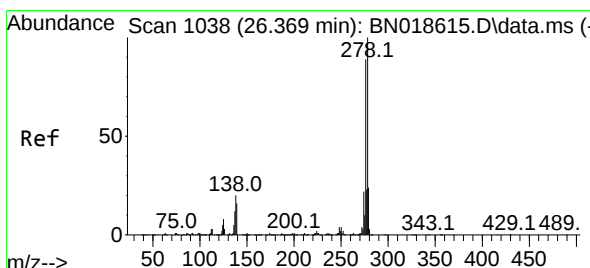
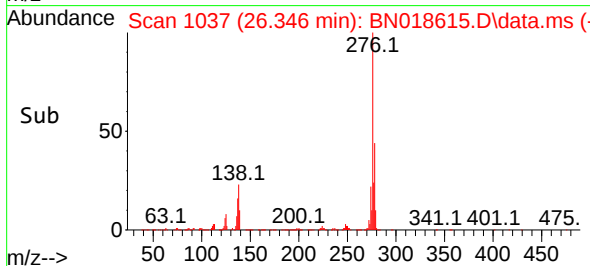
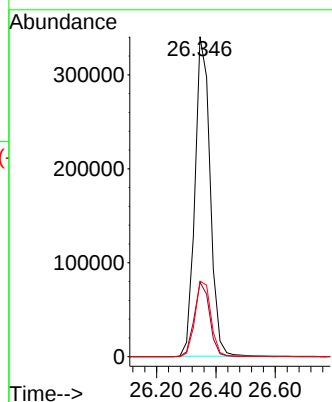
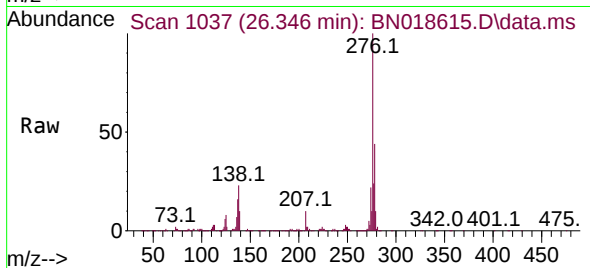
Tgt Ion:276 Resp: 1210425

Ion Ratio Lower Upper

276 100

138 23.2 16.6 24.8

277 23.6 19.1 28.7



#95

Dibenzo(a,h)anthracene

Concen: 22.107 ng/ul

RT: 26.369 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BN018615.D

Acq: 15 Feb 2022 16:51

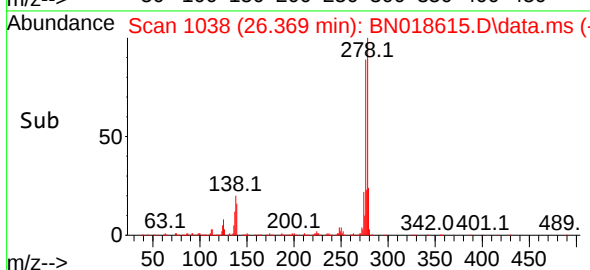
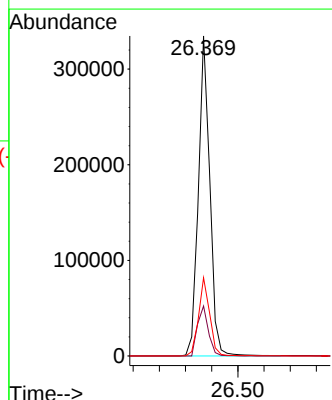
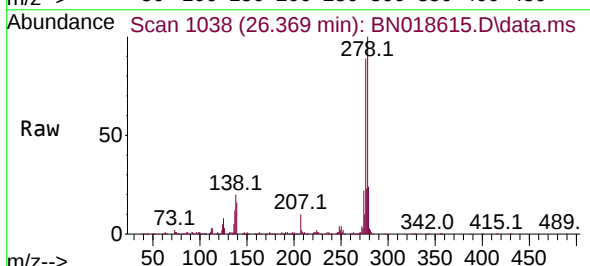
Tgt Ion:278 Resp: 1016629

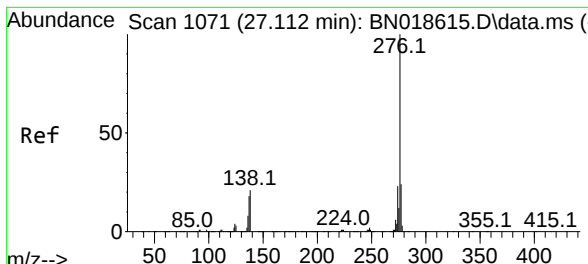
Ion Ratio Lower Upper

278 100

139 15.6 11.7 17.5

279 24.4 19.1 28.7





#96
 Benzo(g,h,i)perylene
 Concen: 22.313 ng/ul
 RT: 27.112 min Scan# 1071
 Delta R.T. 0.000 min
 Lab File: BN018615.D
 Acq: 15 Feb 2022 16:51

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020229

Tgt Ion:276 Resp: 1032873

Ion	Ratio	Lower	Upper
276	100		
138	20.9	15.6	23.4
277	24.1	17.8	26.6

