

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
 Data File : BN018609.D
 Acq On : 15 Feb 2022 11:15
 Operator : CG/JU
 Sample : SSTD00516
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005223

Quant Time: Feb 15 17:41:36 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	226945	20.000	ng/u1	0.00
20) Naphthalene-d8	10.713	136	890699	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.543	164	527041	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.268	188	1025622	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.458	240	1039278	20.000	ng/u1	# 0.00
88) Perylene-d12	23.846	264	836926	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	9706	1.885	ng/uL	0.02
4) Pyridine-d5	3.685	84	67274	3.855	ng/u1	0.00
7) Phenol-d5	7.042	99	74169	4.033	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	51707	4.629	ng/u1	0.00
11) 2-Chlorophenol-d4	7.425	132	63483	4.346	ng/u1	0.00
15) 4-Methylphenol-d8	8.596	113	60304	4.253	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	24931	3.725	ng/u1	0.00
24) 2-Nitrophenol-d4	9.790	143	26152	3.620	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.330	165	56904	4.096	ng/u1	0.00
31) 4-Chloroaniline-d4	10.826	131	77971	4.289	ng/u1	0.00
46) Dimethylphthalate-d6	13.935	166	182311	4.835	ng/u1	0.00
49) Acenaphthylene-d8	14.227	160	234746	4.546	ng/u1	0.00
54) 4-Nitrophenol-d4	14.700	143	20374	3.207	ng/u1	-0.02
60) Fluorene-d10	15.534	176	148527	4.658	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.624	200	17833	2.881	ng/u1	-0.02
73) Anthracene-d10	17.381	188	222670	4.448	ng/u1	0.00
81) Pyrene-d10	19.656	212	233210	4.592	ng/u1	-0.02
92) Benzo(a)pyrene-d12	23.688	264	189728	4.376	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.302	88	12145	1.836	ng/uL#	90
5) Pyridine	3.708	79	77591	4.530	ng/u1	93
6) Benzaldehyde	7.019	77	49450	4.800	ng/u1	95
8) Phenol	7.087	94	80346	4.312	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.312	93	73718	4.800	ng/u1	98
12) 2-Chlorophenol	7.470	128	65256	4.334	ng/u1#	80
13) 2-Methylphenol	8.348	108	54268	3.925	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.438	45	99401	4.827	ng/u1	99
16) Acetophenone	8.709	105	94841	4.453	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.709	70	44685	4.123	ng/u1#	95
18) 4-Methylphenol	8.664	108	66331	4.435	ng/u1	99
19) Hexachloroethane	9.001	117	27965	4.431	ng/u1#	78
22) Nitrobenzene	9.092	77	69719	4.125	ng/u1	94
23) Isophorone	9.632	82	113769	3.930	ng/u1#	89
25) 2-Nitrophenol	9.812	139	30904	3.876	ng/u1	97
26) 2,4-Dimethylphenol	9.880	107	72859	4.318	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.105	93	90828	4.668	ng/u1	99
29) 2,4-Dichlorophenol	10.353	162	62445	4.319	ng/u1	96
30) Naphthalene	10.758	128	239733	4.884	ng/u1	99
32) 4-Chloroaniline	10.849	127	84652	4.516	ng/u1	98
33) Hexachlorobutadiene	11.051	225	45424	4.486	ng/u1	96
34) Caprolactam	11.592	113	11564	3.060	ng/u1	85
35) 4-Chloro-3-methylphenol	11.975	107	60630	4.228	ng/u1	95
36) 2-Methylnaphthalene	12.358	142	147392	4.718	ng/u1	97

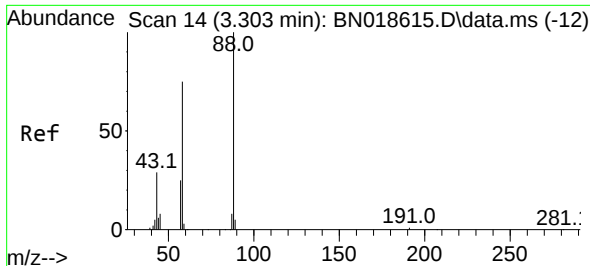
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.583	142	160002	4.848	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.741	216	88952	4.689	ng/ul	96
40) Hexachlorocyclopentadiene	12.718	237	44616	3.828	ng/ul#	93
42) 2,4,5-Trichlorophenol	13.033	196	45733	4.068	ng/ul	99
43) 1,1'-Biphenyl	13.371	154	221392	4.925	ng/ul	96
44) 2-Chloronaphthalene	13.416	162	162238	4.670	ng/ul	97
45) 2-Nitroaniline	13.597	65	27344	3.430	ng/ul	90
47) Dimethylphthalate	13.980	163	181304	4.864	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	23503	3.454	ng/ul#	71
50) Acenaphthylene	14.250	152	237361	4.723	ng/ul	99
51) 3-Nitroaniline	14.430	138	26717	3.948	ng/ul	82
52) Acenaphthene	14.588	153	155143	4.773	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	10296	2.371	ng/ul#	81
55) 4-Nitrophenol	14.723	109	21105	3.643	ng/ul	86
56) Dibenzofuran	14.926	168	233602	4.969	ng/ul#	88
57) 2,4-Dinitrotoluene	14.881	165	40694	4.051	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.151	232	33790	4.035	ng/ul#	71
59) Diethylphthalate	15.354	149	151936	4.008	ng/ul	95
61) Fluorene	15.579	166	205600	5.341	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.579	204	98214	4.948	ng/ul	97
63) 4-Nitroaniline	15.579	138	27119	4.952	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.646	198	21519	3.197	ng/ul#	94
67) N-Nitrosodiphenylamine	15.782	169	172184	4.794	ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	48178	4.405	ng/ul#	76
69) Hexachlorobenzene	16.593	284	69809	4.769	ng/ul	94
70) Atrazine	16.728	200	51673	4.137	ng/ul	98
72) Phenanthrene	17.313	178	300863	4.851	ng/ul	98
74) Anthracene	17.403	178	301789	4.926	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.349	216	88189	4.194	ng/uL	99
76) Pentachlorobenzene	14.858	250	86202	4.683	ng/uL	97
77) Carbazole	17.674	167	251574	4.698	ng/ul	100
78) Di-n-butylphthalate	18.237	149	218324	3.821	ng/ul	99
80) Fluoranthene	19.341	202	266186	4.397	ng/ul#	86
82) Pyrene	19.701	202	292740	4.397	ng/ul#	88
83) Butylbenzylphthalate	20.579	149	58874	3.580	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.368	252	69374	3.776	ng/ul#	97
85) Benzo(a)anthracene	21.435	228	312001	4.890	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.368	149	144639	3.815	ng/ul#	95
87) Chrysene	21.481	228	247115	4.581	ng/ul	97
89) Di-n-octyl phthalate	22.291	149	186557	3.260	ng/ul	100
90) Benzo(b)fluoranthene	23.125	252	283995	4.895	ng/ul	98
91) Benzo(k)fluoranthene	23.170	252	239957	4.664	ng/ul	99
93) Benzo(a)pyrene	23.756	252	251967	4.594	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.346	276	280442	4.501	ng/ul	97
95) Dibenzo(a,h)anthracene	26.346	278	240932	4.565	ng/ul#	96
96) Benzo(g,h,i)perylene	27.112	276	234503	4.414	ng/ul	97

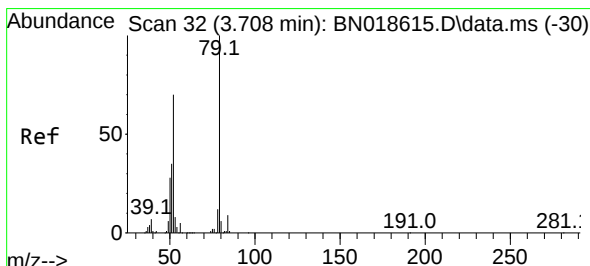
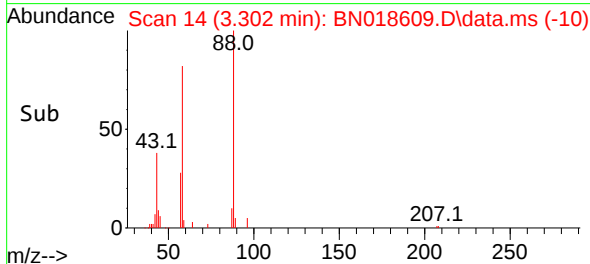
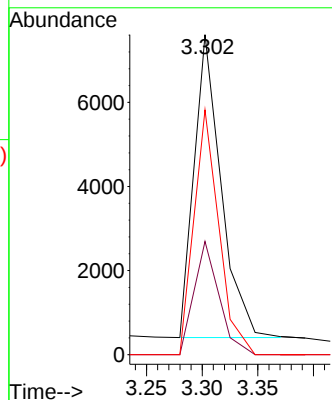
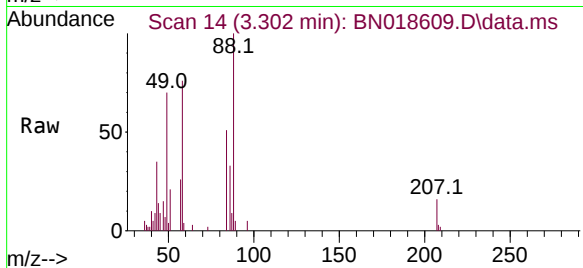
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#2
1,4-Dioxane
Concen: 1.836 ng/uL
RT: 3.302 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

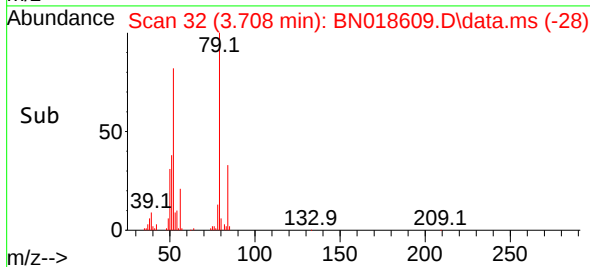
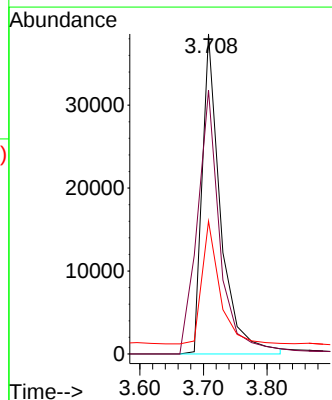
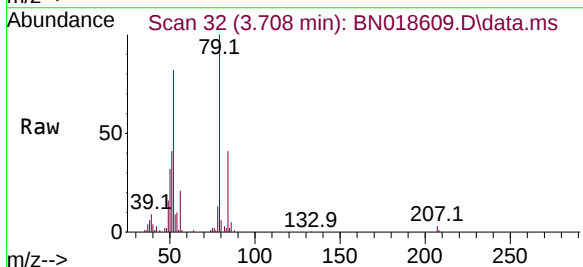
Instrument :
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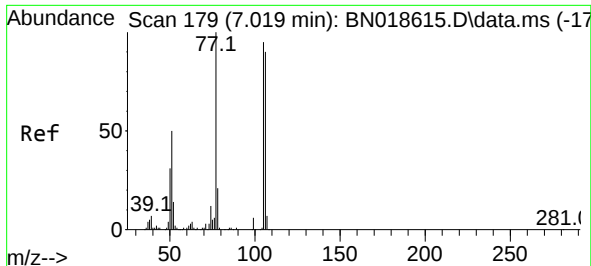
Tgt Ion: 88 Resp: 12145
Ion Ratio Lower Upper
88 100
43 35.4 21.9 32.9#
58 76.5 56.3 84.5



#5
Pyridine
Concen: 4.530 ng/uL
RT: 3.708 min Scan# 32
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion: 79 Resp: 77591
Ion Ratio Lower Upper
79 100
52 82.5 62.9 94.3
51 41.5 27.8 41.8

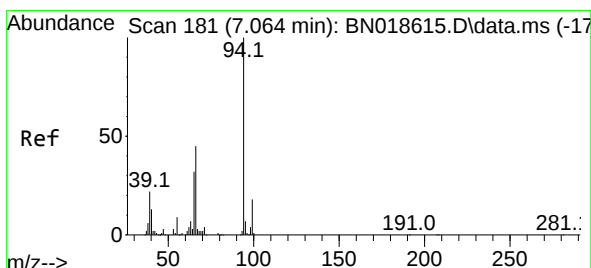
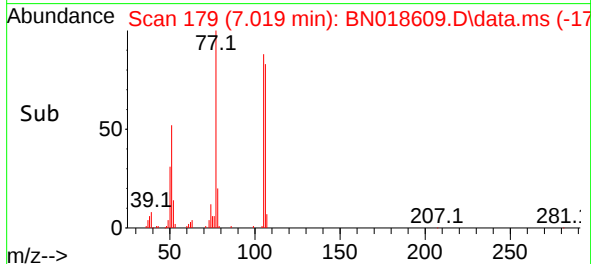
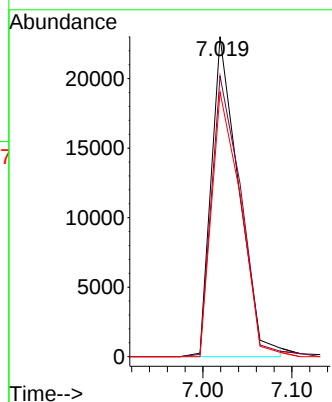
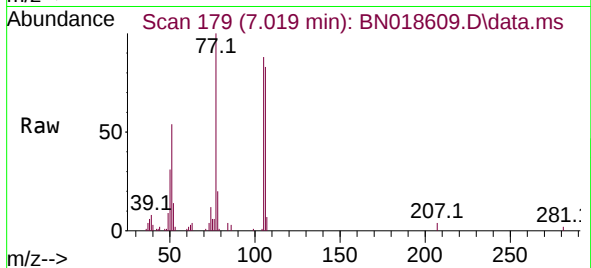




#6
Benzaldehyde
Concen: 4.800 ng/ul
RT: 7.019 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

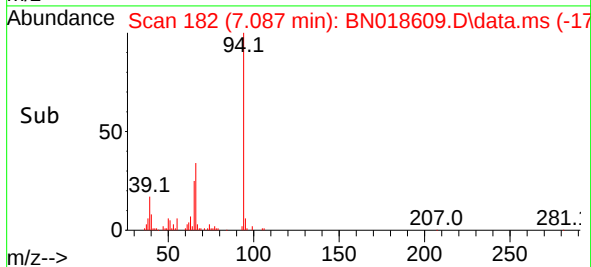
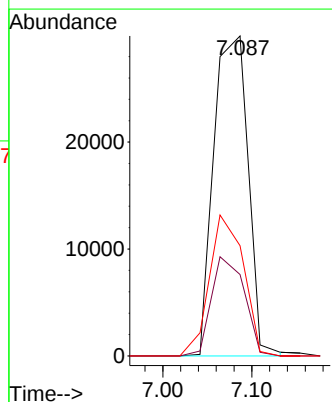
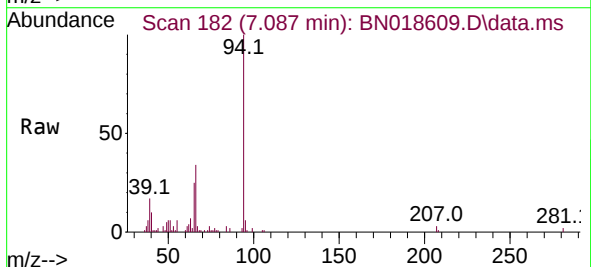
Instrument :
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ClientSampleId :
SSTD005223

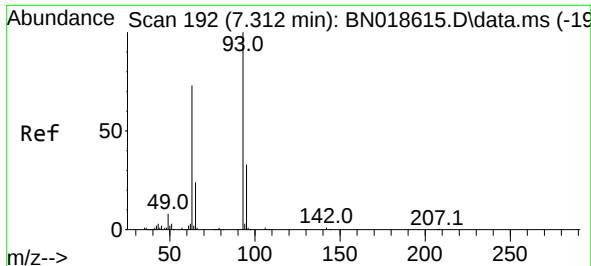
Tgt Ion: 77 Resp: 49450
Ion Ratio Lower Upper
77 100
105 87.7 73.5 110.3
106 82.7 69.9 104.9



#8
Phenol
Concen: 4.312 ng/ul
RT: 7.087 min Scan# 182
Delta R.T. 0.022 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion: 94 Resp: 80346
Ion Ratio Lower Upper
94 100
65 25.5 21.8 32.6
66 34.4 30.2 45.4



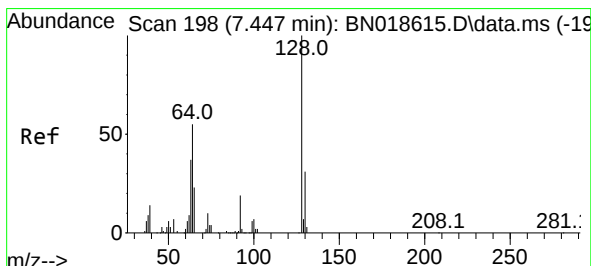
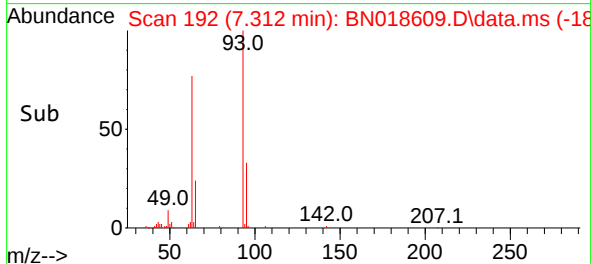
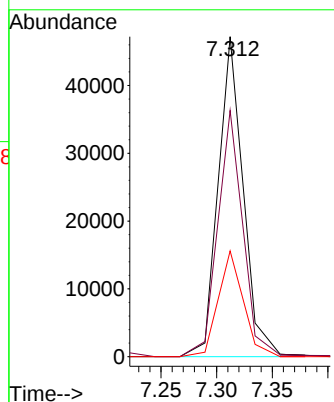
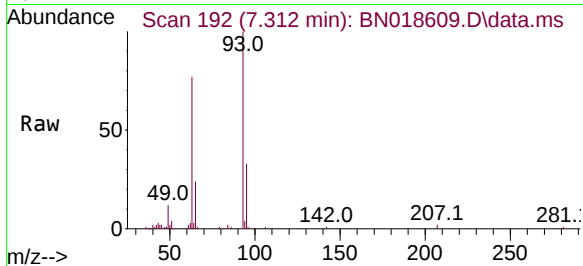


#10
 Bis(2-Chloroethyl)ether
 Concen: 4.800 ng/ul
 RT: 7.312 min Scan# 192
 Delta R.T. -0.000 min
 Lab File: BN018609.D
 Acq: 15 Feb 2022 11:15

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005223

Tgt Ion: 93 Resp: 73718

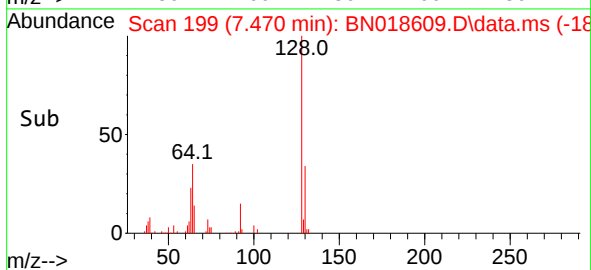
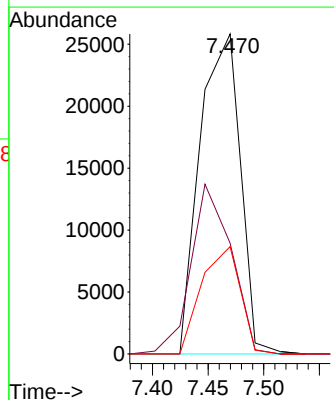
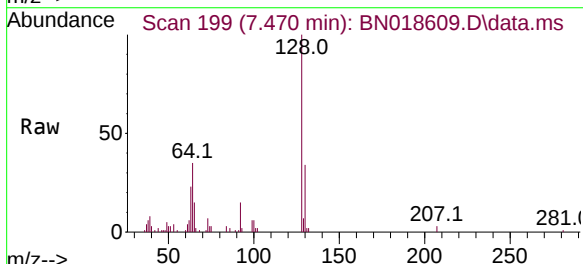
Ion	Ratio	Lower	Upper
93	100		
63	77.0	63.4	95.0
95	33.1	25.9	38.9

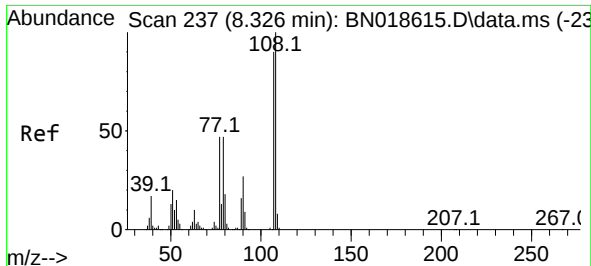


#12
 2-Chlorophenol
 Concen: 4.334 ng/ul
 RT: 7.470 min Scan# 199
 Delta R.T. 0.022 min
 Lab File: BN018609.D
 Acq: 15 Feb 2022 11:15

Tgt Ion: 128 Resp: 65256

Ion	Ratio	Lower	Upper
128	100		
64	34.6	44.2	66.2#
130	33.6	25.0	37.6

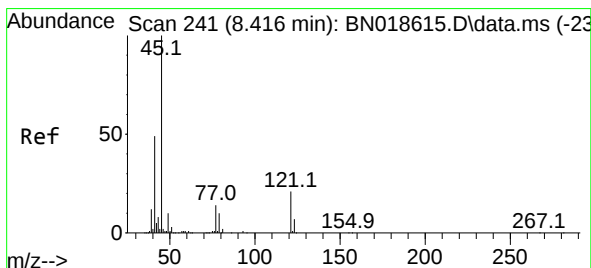
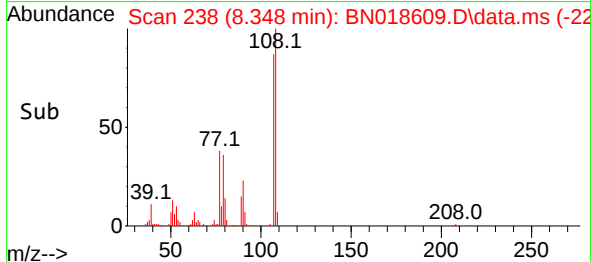
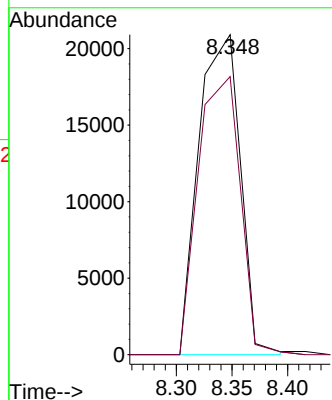
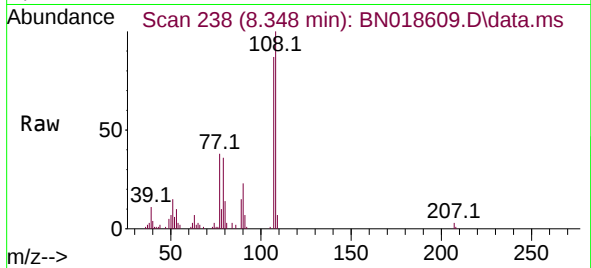




#13
2-Methylphenol
Concen: 3.925 ng/ul
RT: 8.348 min Scan# 21
Delta R.T. 0.022 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

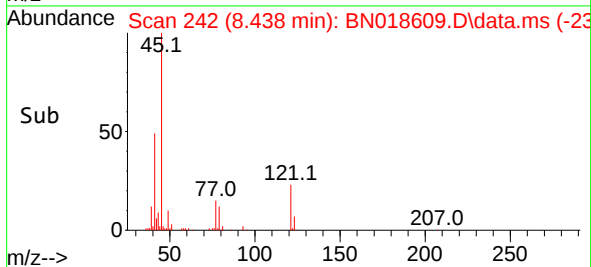
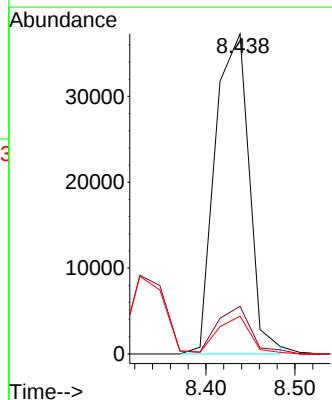
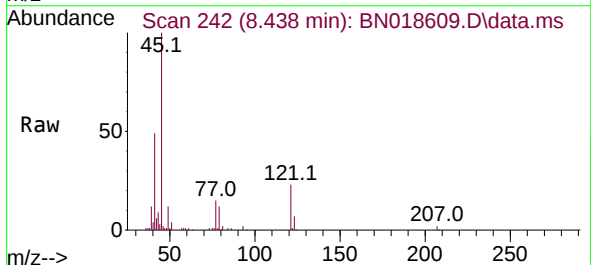
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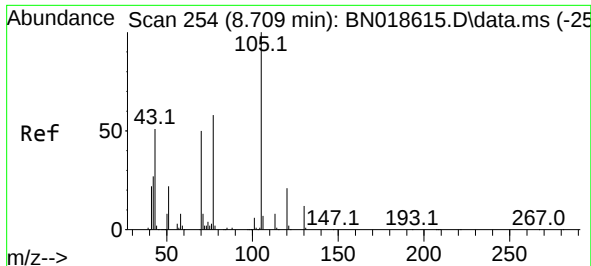
Tgt Ion:108 Resp: 54268
Ion Ratio Lower Upper
108 100
107 86.9 69.5 104.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.827 ng/ul
RT: 8.438 min Scan# 242
Delta R.T. 0.022 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion: 45 Resp: 99401
Ion Ratio Lower Upper
45 100
77 14.9 11.9 17.9
79 11.8 8.6 12.8

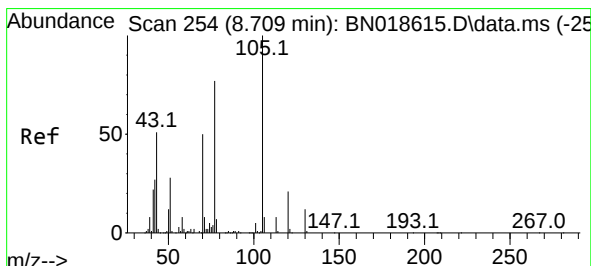
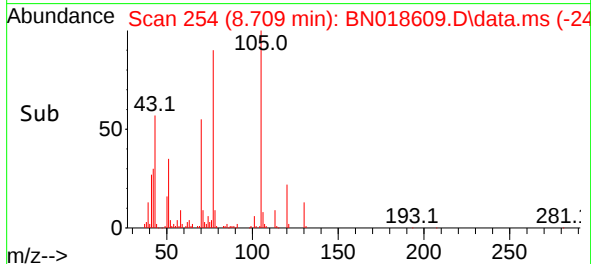
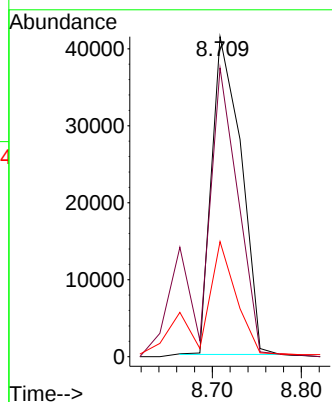
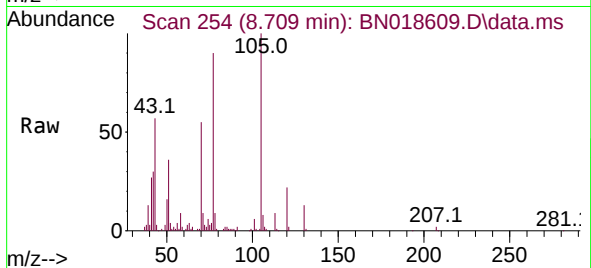




#16
Acetophenone
Concen: 4.453 ng/ul
RT: 8.709 min Scan# 254
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

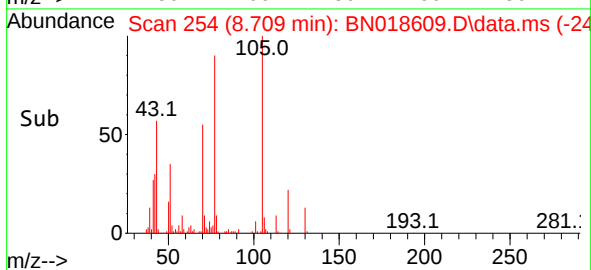
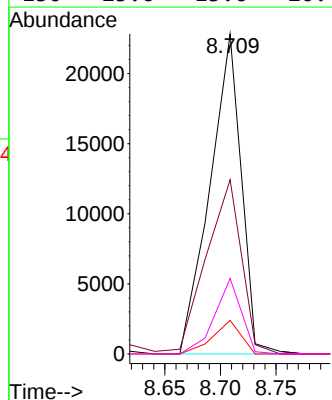
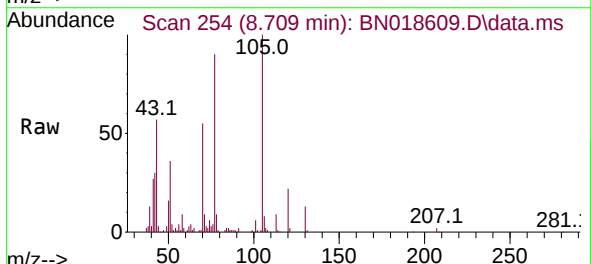
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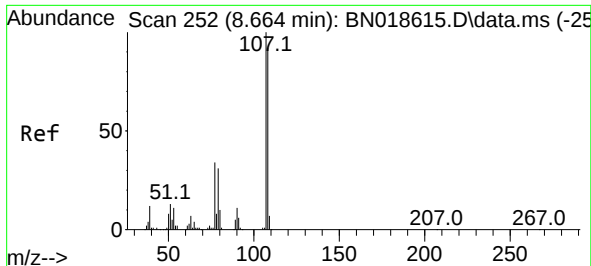
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Ion Ratio Lower Upper
105 100
77 90.2 64.8 97.2
51 35.9 22.8 34.2#



#17
N-Nitroso-di-n-propylamine
Concen: 4.123 ng/ul
RT: 8.709 min Scan# 254
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion: 70 Resp: 44685
Ion Ratio Lower Upper
70 100
42 54.5 42.4 63.6
101 10.5 6.6 10.0#
130 23.6 13.6 20.4#

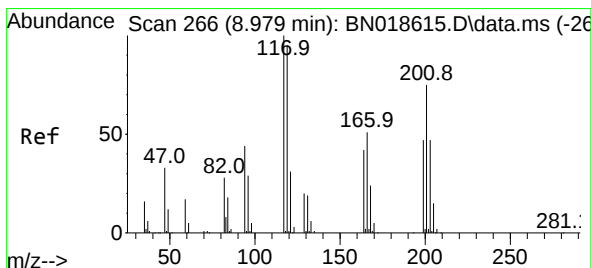
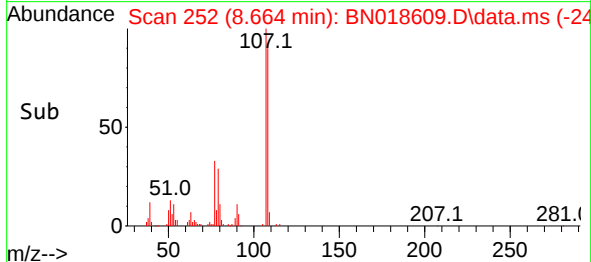
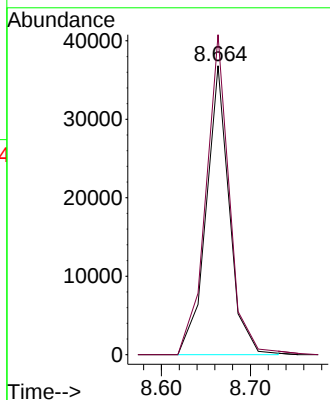
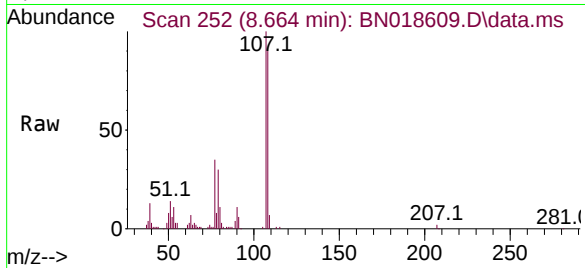




#18
4-Methylphenol
Concen: 4.435 ng/ul
RT: 8.664 min Scan# 210
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

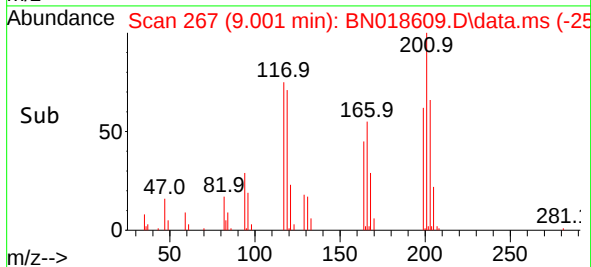
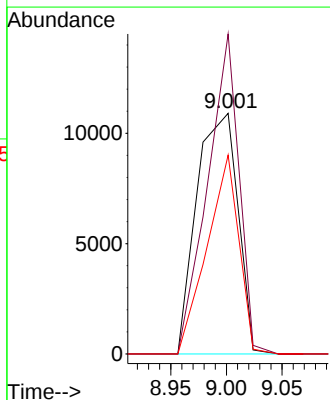
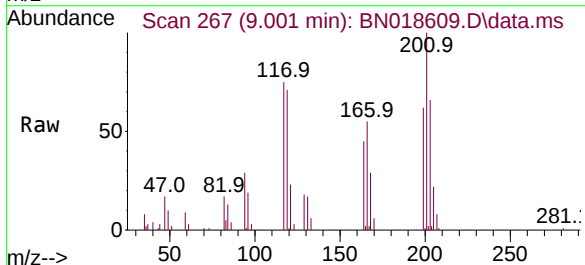
Instrument :
BNA_N
ClientSampleId :
SSTD005223

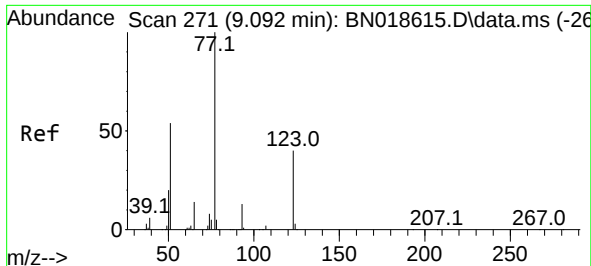
Tgt Ion:108 Resp: 66331
Ion Ratio Lower Upper
108 100
107 110.8 89.4 134.0



#19
Hexachloroethane
Concen: 4.431 ng/ul
RT: 9.001 min Scan# 267
Delta R.T. 0.022 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:117 Resp: 27965
Ion Ratio Lower Upper
117 100
201 132.9 85.9 128.9#
199 82.6 54.5 81.7#

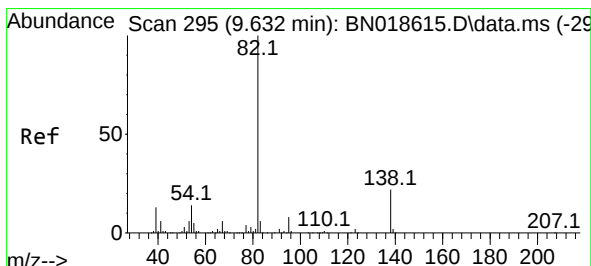
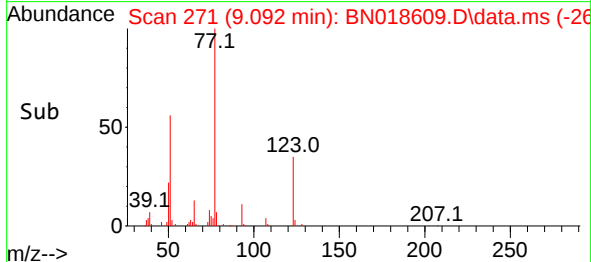
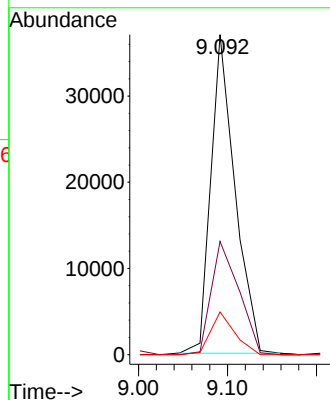
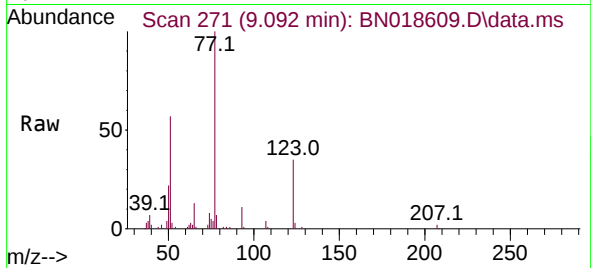




#22
Nitrobenzene
Concen: 4.125 ng/ul
RT: 9.092 min Scan# 271
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

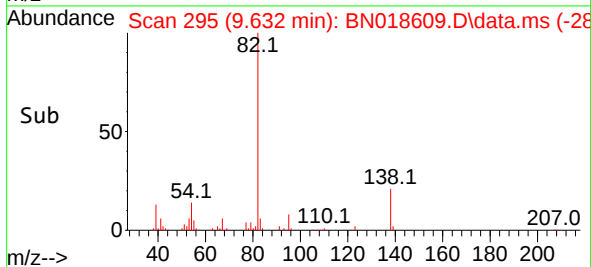
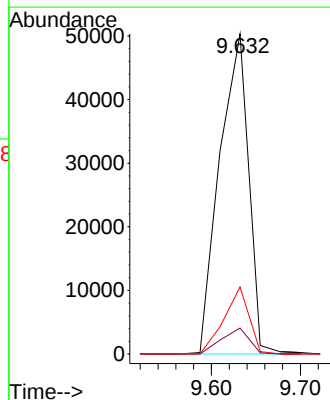
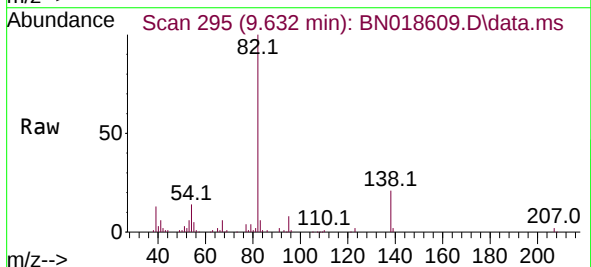
Instrument :
BNA_N
ClientSampleId :
SSTD005223

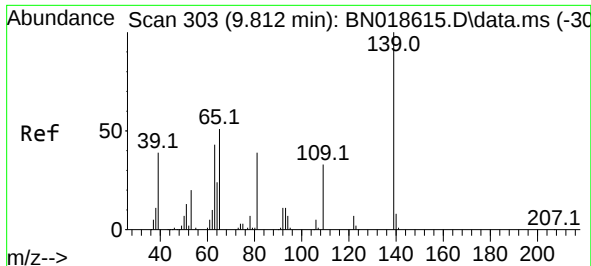
Tgt Ion: 77 Resp: 69719
Ion Ratio Lower Upper
77 100
123 35.4 32.0 48.0
65 13.4 10.7 16.1



#23
Isophorone
Concen: 3.930 ng/ul
RT: 9.632 min Scan# 295
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion: 82 Resp: 113769
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 21.0 11.9 17.9#

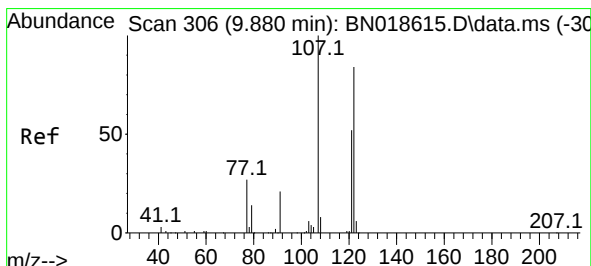
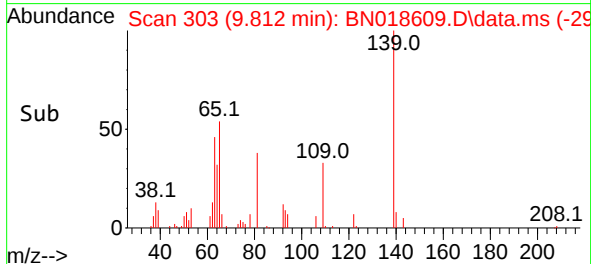
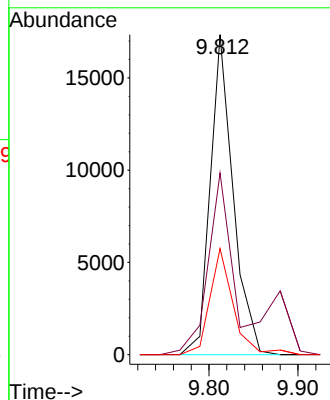
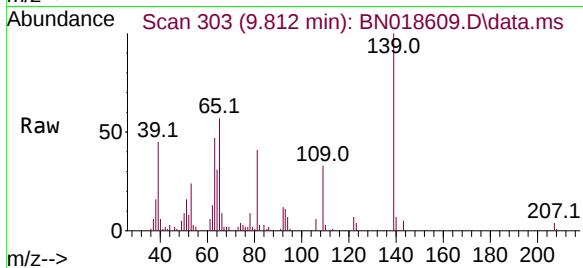




#25
2-Nitrophenol
Concen: 3.876 ng/ul
RT: 9.812 min Scan# 303
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

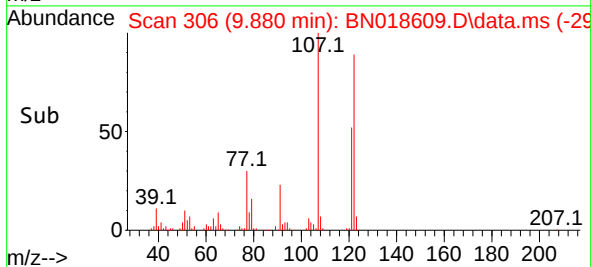
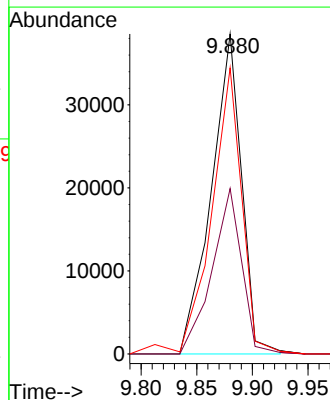
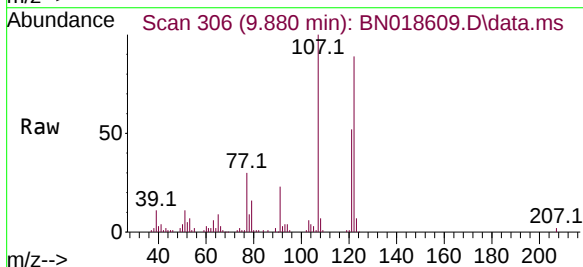
Instrument :
BNA_N
ClientSampleId :
SSTD005223

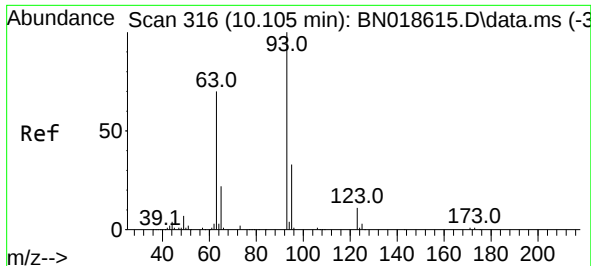
Tgt Ion:139 Resp: 30904
Ion Ratio Lower Upper
139 100
65 56.8 47.7 71.5
109 33.1 27.0 40.4



#26
2,4-Dimethylphenol
Concen: 4.318 ng/ul
RT: 9.880 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:107 Resp: 72859
Ion Ratio Lower Upper
107 100
121 51.7 38.9 58.3
122 89.4 68.6 103.0





#27

Bis(2-Chloroethoxy)methane

Concen: 4.668 ng/ul

RT: 10.105 min Scan# 316

Delta R.T. -0.000 min

Lab File: BN018609.D

Acq: 15 Feb 2022 11:15

Instrument :

BNA_N

ClientSampleId :

SSTD005223

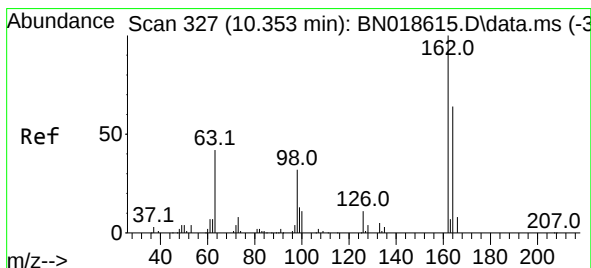
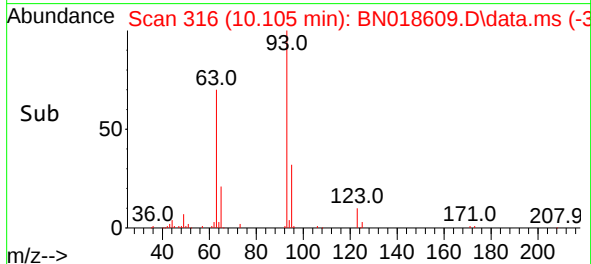
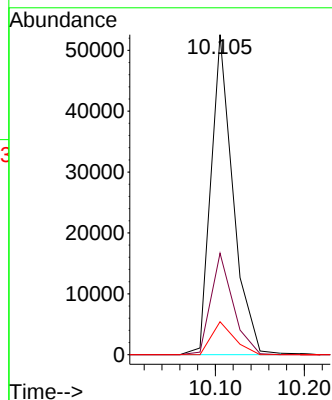
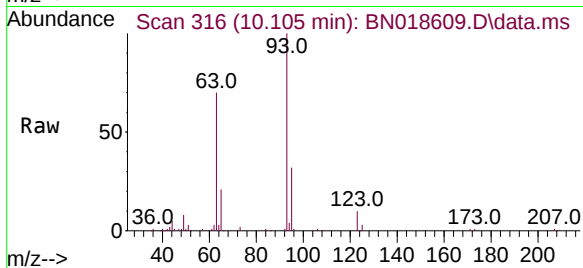
Tgt Ion: 93 Resp: 90828

Ion Ratio Lower Upper

93 100

95 31.7 25.7 38.5

123 10.3 8.3 12.5



#29

2,4-Dichlorophenol

Concen: 4.319 ng/ul

RT: 10.353 min Scan# 327

Delta R.T. -0.000 min

Lab File: BN018609.D

Acq: 15 Feb 2022 11:15

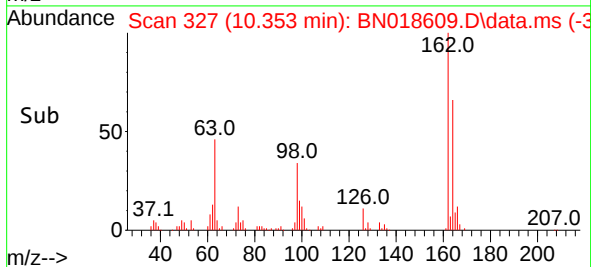
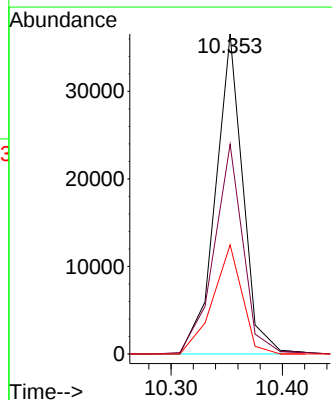
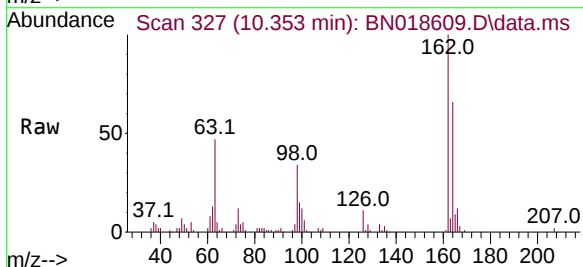
Tgt Ion:162 Resp: 62445

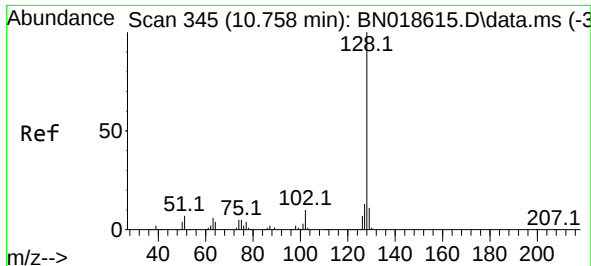
Ion Ratio Lower Upper

162 100

164 65.5 51.8 77.6

98 34.1 31.0 46.6

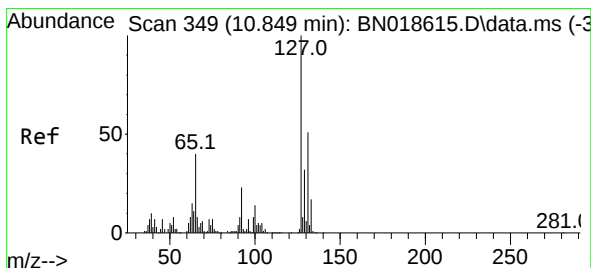
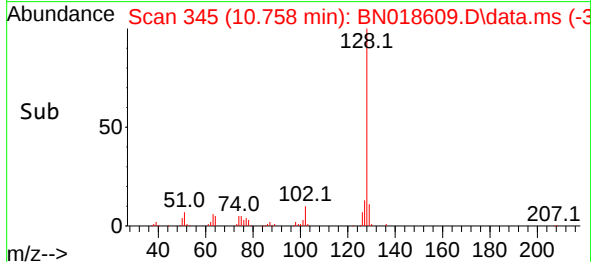
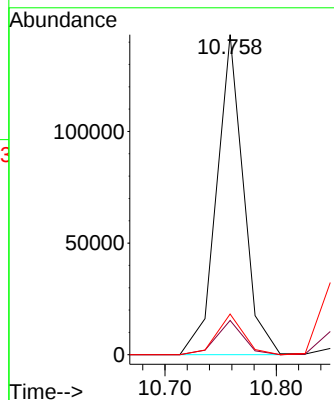
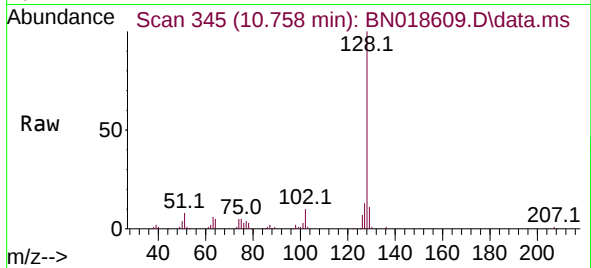




#30
Naphthalene
Concen: 4.884 ng/ul
RT: 10.758 min Scan# 345
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

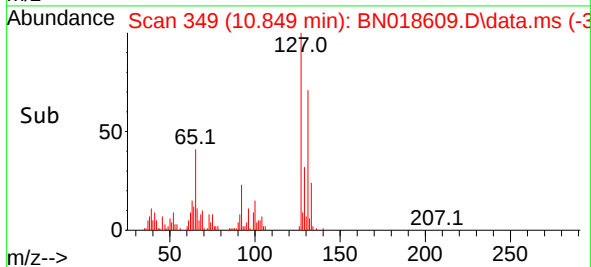
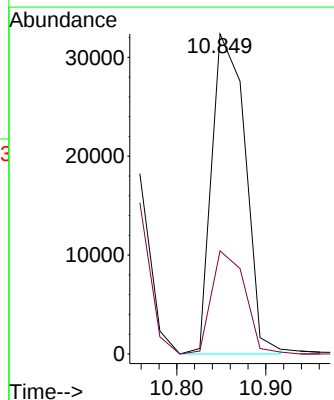
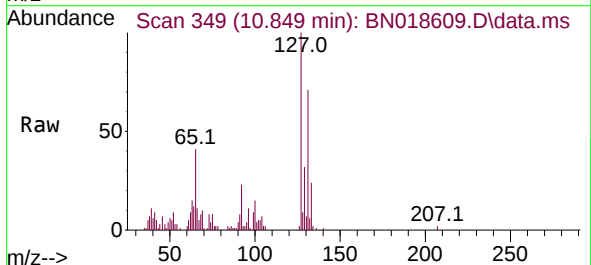
Instrument :
BNA_N
ClientSampleId :
SSTD005223

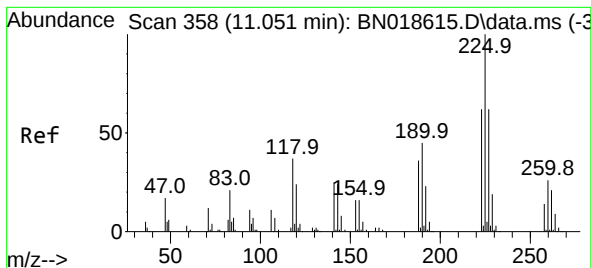
Tgt Ion:128 Resp: 239733
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.7 10.6 16.0



#32
4-Chloroaniline
Concen: 4.516 ng/ul
RT: 10.849 min Scan# 349
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:127 Resp: 84652
Ion Ratio Lower Upper
127 100
129 32.2 25.0 37.6





#33

Hexachlorobutadiene

Concen: 4.486 ng/ul

RT: 11.051 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN018609.D

Acq: 15 Feb 2022 11:15

Instrument :

BNA_N

ClientSampleId :

SSTD005223

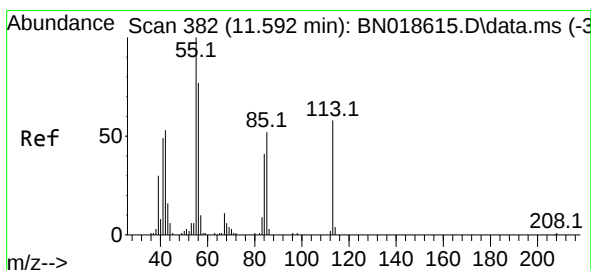
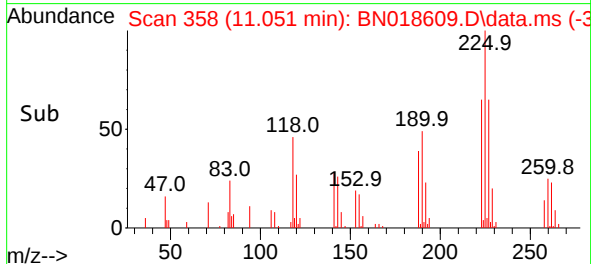
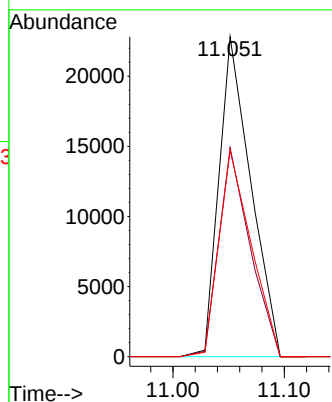
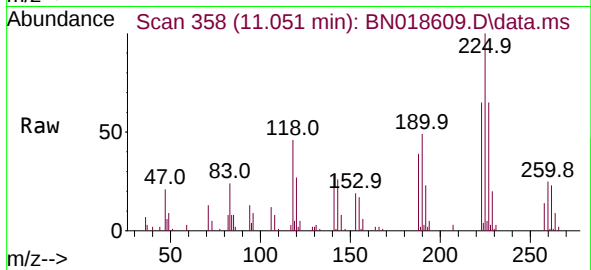
Tgt Ion:225 Resp: 45424

Ion Ratio Lower Upper

225 100

223 65.3 49.7 74.5

227 64.6 49.5 74.3



#34

Caprolactam

Concen: 3.060 ng/ul

RT: 11.592 min Scan# 382

Delta R.T. -0.000 min

Lab File: BN018609.D

Acq: 15 Feb 2022 11:15

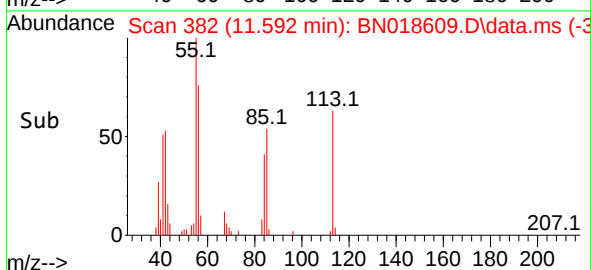
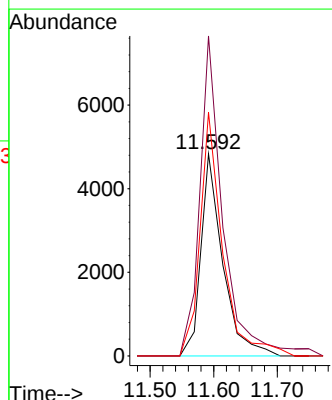
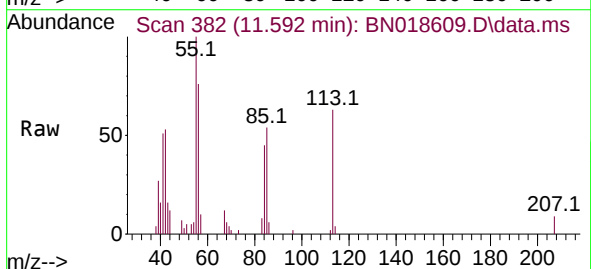
Tgt Ion:113 Resp: 11564

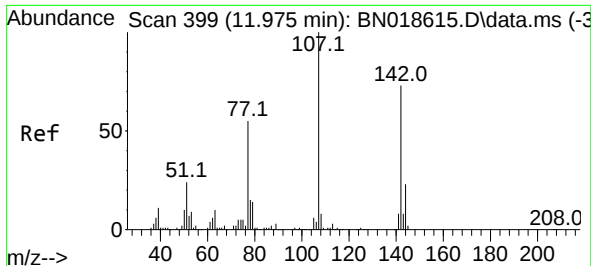
Ion Ratio Lower Upper

113 100

55 158.4 147.4 221.2

56 120.5 107.6 161.4





#35

4-Chloro-3-methylphenol

Concen: 4.228 ng/ul

RT: 11.975 min Scan# 399

Delta R.T. -0.000 min

Lab File: BN018609.D

Acq: 15 Feb 2022 11:15

Instrument :

BNA_N

ClientSampleId :

SSTD005223

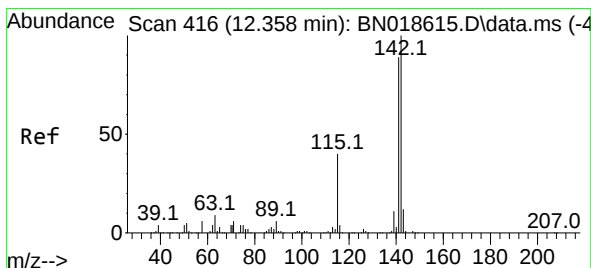
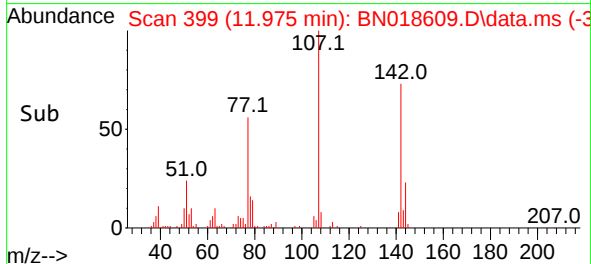
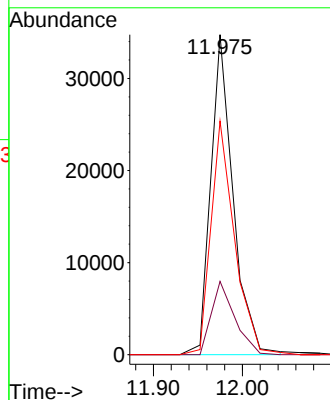
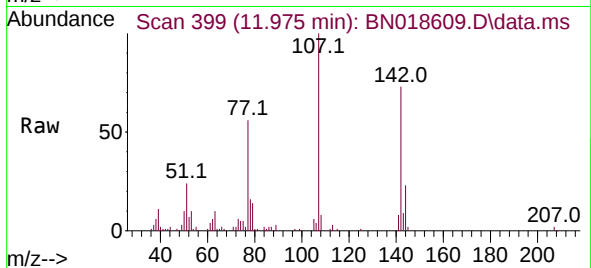
Tgt Ion:107 Resp: 60630

Ion Ratio Lower Upper

107 100

144 22.9 19.4 29.0

142 73.0 62.3 93.5



#36

2-Methylnaphthalene

Concen: 4.718 ng/ul

RT: 12.358 min Scan# 416

Delta R.T. -0.000 min

Lab File: BN018609.D

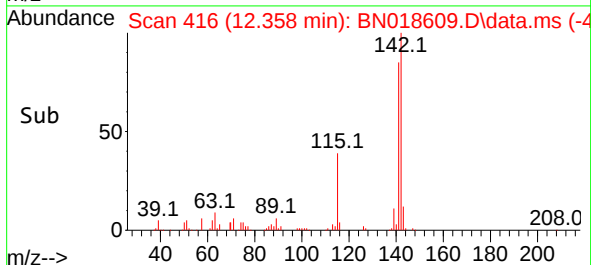
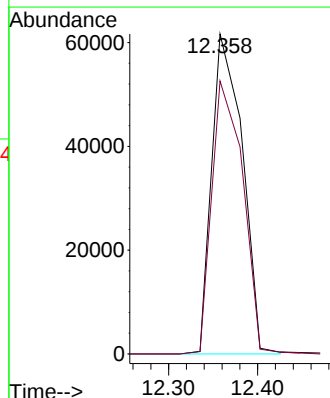
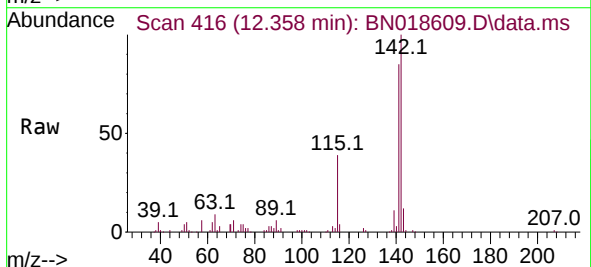
Acq: 15 Feb 2022 11:15

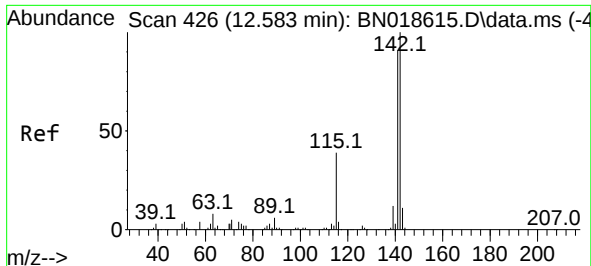
Tgt Ion:142 Resp: 147392

Ion Ratio Lower Upper

142 100

141 85.3 70.2 105.4

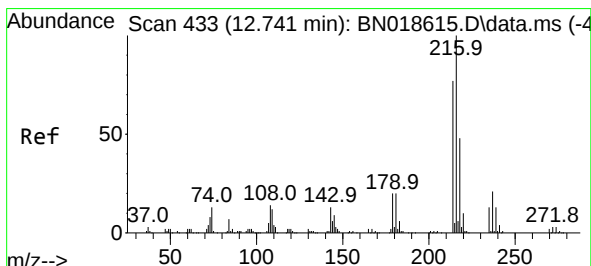
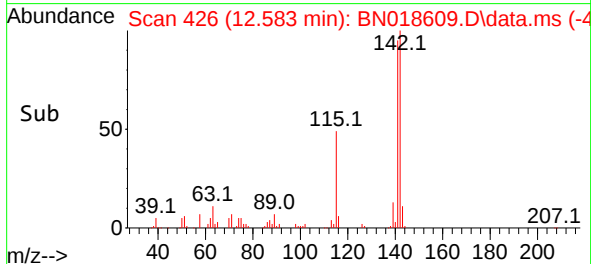
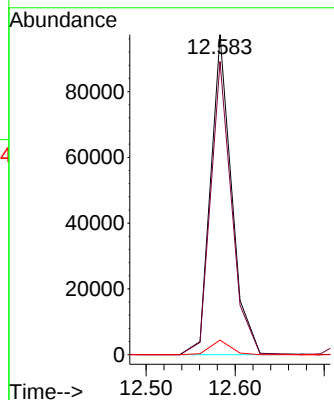
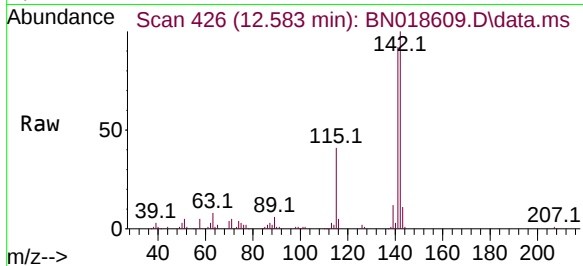




#37
1-Methylnaphthalene
Concen: 4.848 ng/ul
RT: 12.583 min Scan# 426
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

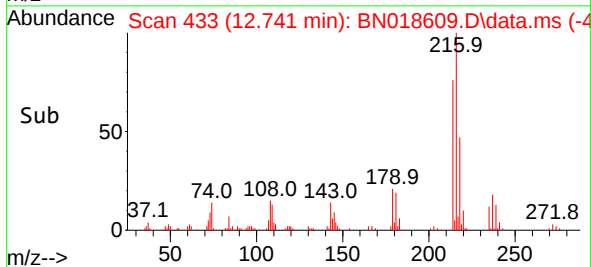
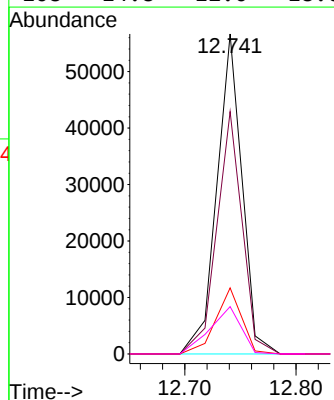
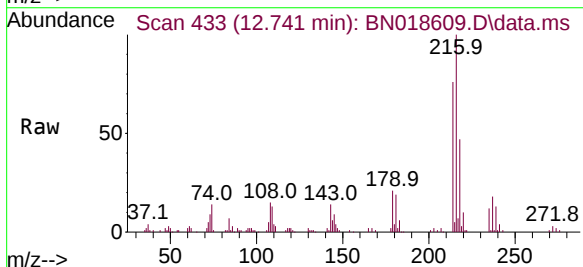
Instrument :
BNA_N
ClientSampleId :
SSTD005223

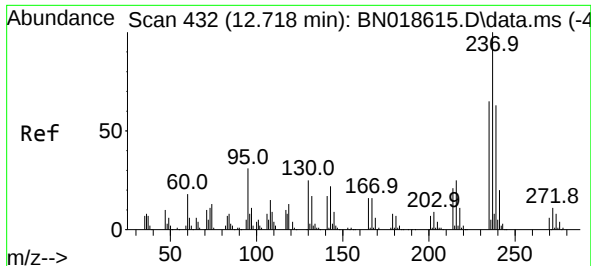
Tgt Ion:142 Resp: 160002
Ion Ratio Lower Upper
142 100
141 91.6 72.2 108.4
116 4.5 3.0 4.4#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.689 ng/ul
RT: 12.741 min Scan# 433
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:216 Resp: 88952
Ion Ratio Lower Upper
216 100
214 75.8 64.4 96.6
179 20.7 15.1 22.7
108 14.8 12.0 18.0

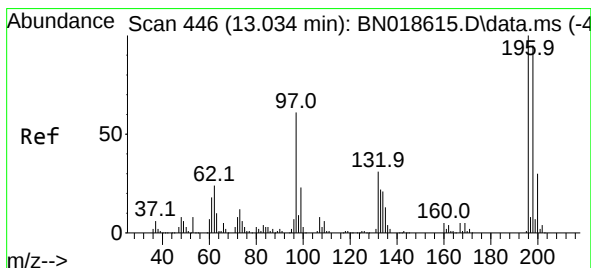
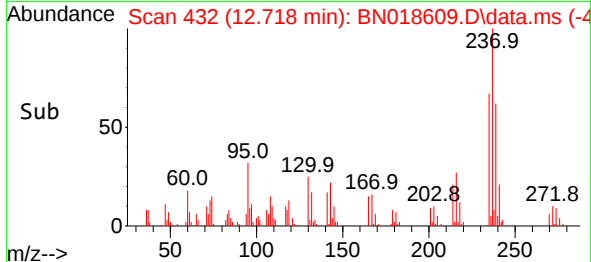
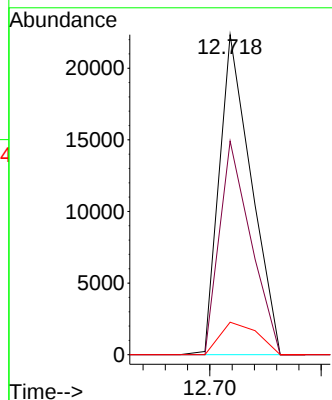
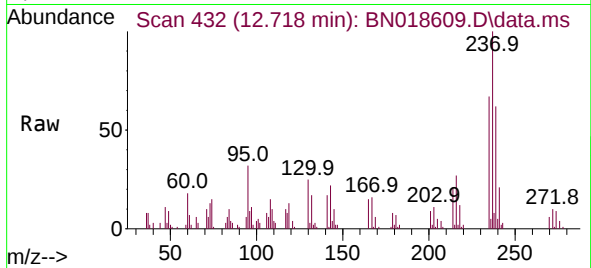




#40
Hexachlorocyclopentadiene
Concen: 3.828 ng/ul
RT: 12.718 min Scan# 432
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

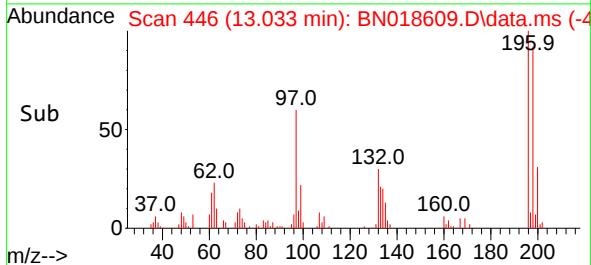
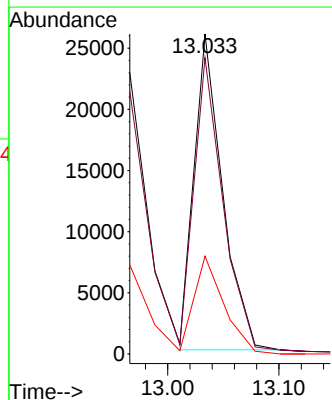
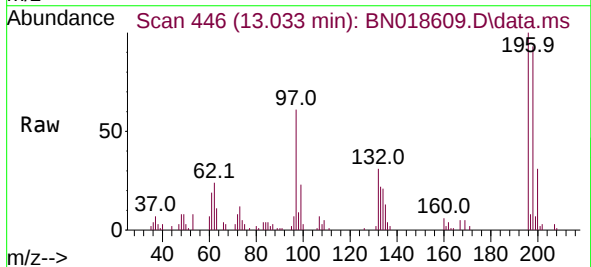
Instrument :
BNA_N
ClientSampleId :
SSTD005223

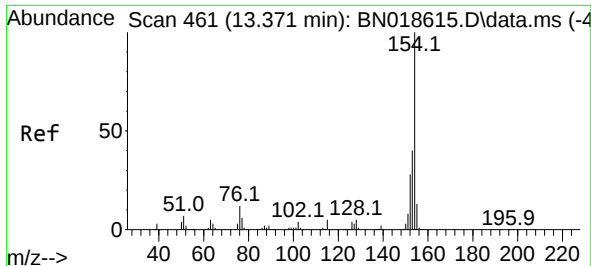
Tgt Ion:237 Resp: 44616
Ion Ratio Lower Upper
237 100
235 66.8 49.1 73.7
272 10.2 10.6 16.0#



#42
2,4,5-Trichlorophenol
Concen: 4.068 ng/ul
RT: 13.033 min Scan# 446
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:196 Resp: 45733
Ion Ratio Lower Upper
196 100
198 92.6 75.3 112.9
200 30.6 24.2 36.2

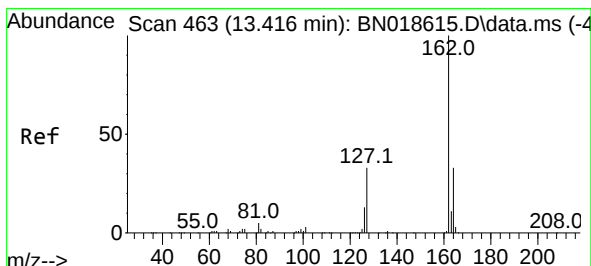
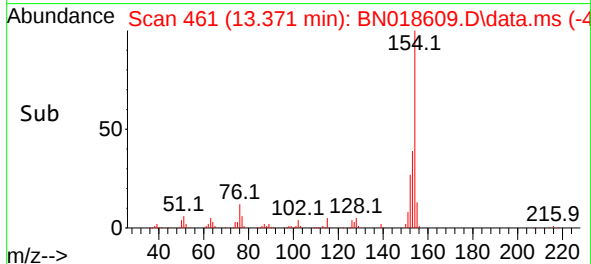
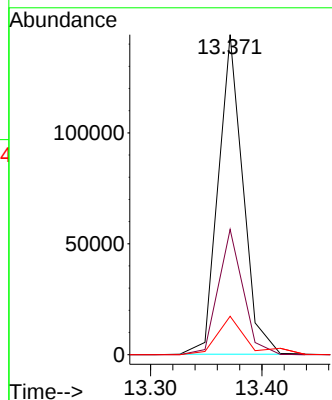
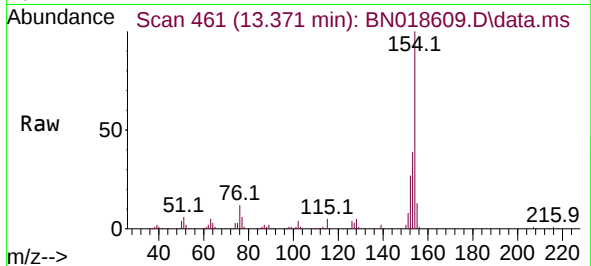




#43
1,1'-Biphenyl
Concen: 4.925 ng/ul
RT: 13.371 min Scan# 461
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

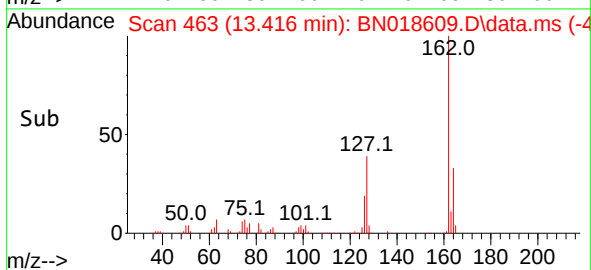
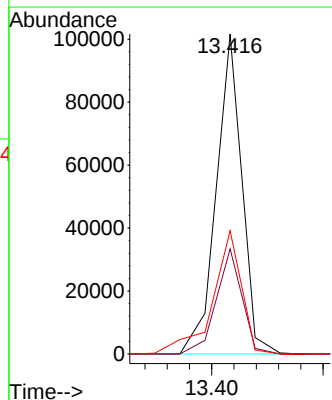
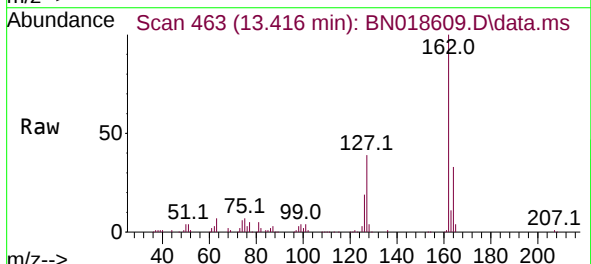
Instrument :
BNA_N
ClientSampleId :
SSTD005223

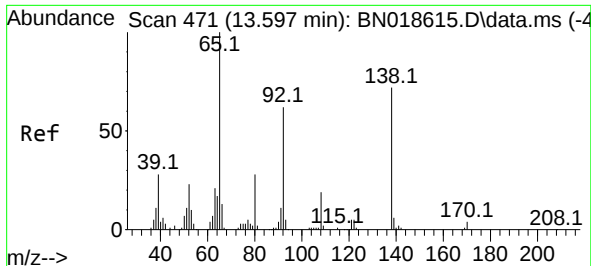
Tgt Ion:154 Resp: 221392
Ion Ratio Lower Upper
154 100
153 39.2 32.4 48.6
76 12.0 12.0 18.0



#44
2-Chloronaphthalene
Concen: 4.670 ng/ul
RT: 13.416 min Scan# 463
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:162 Resp: 162238
Ion Ratio Lower Upper
162 100
164 32.9 26.8 40.2
127 38.5 28.8 43.2

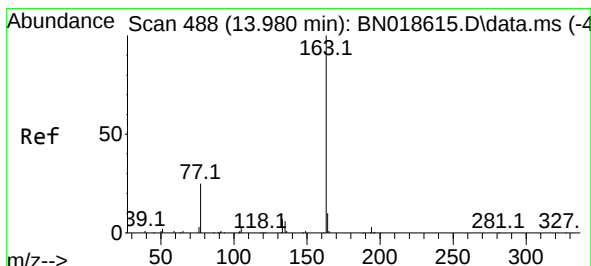
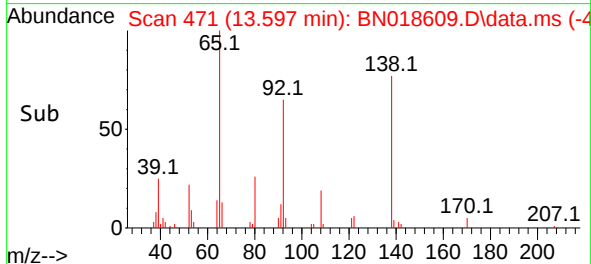
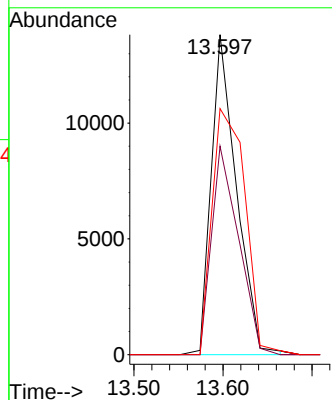
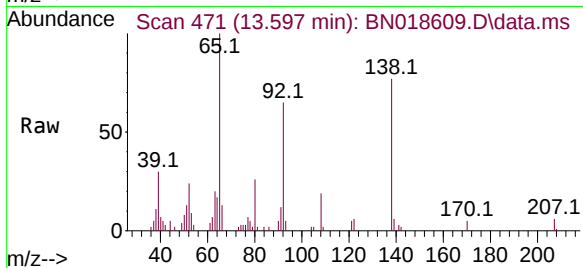




#45
2-Nitroaniline
Concen: 3.430 ng/ul
RT: 13.597 min Scan# 471
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

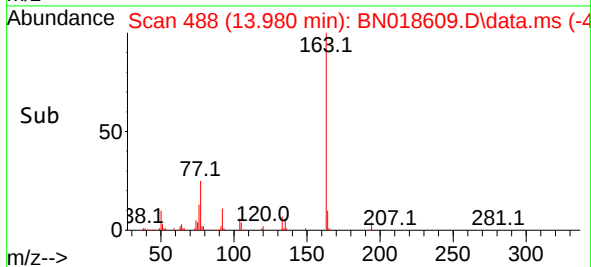
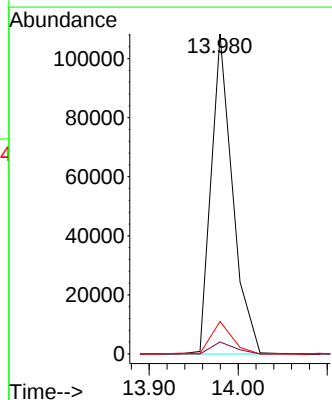
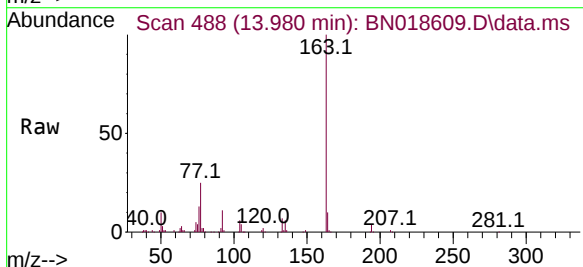
Instrument :
BNA_N
ClientSampleId :
SSTD005223

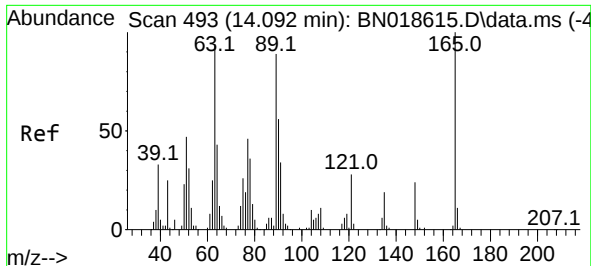
Tgt Ion: 65 Resp: 27344
Ion Ratio Lower Upper
65 100
92 65.1 53.0 79.6
138 76.9 73.8 110.8



#47
Dimethylphthalate
Concen: 4.864 ng/ul
RT: 13.980 min Scan# 488
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

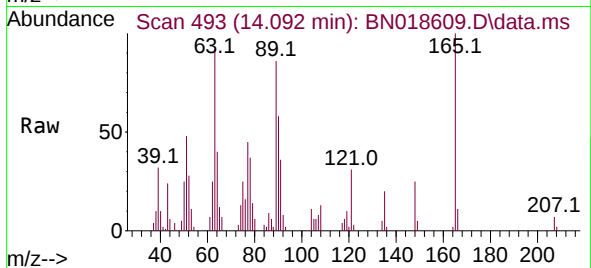
Tgt Ion: 163 Resp: 181304
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 10.2 8.2 12.4



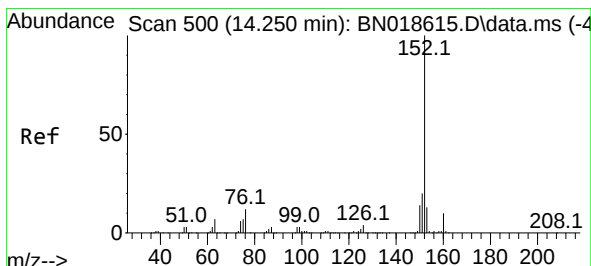
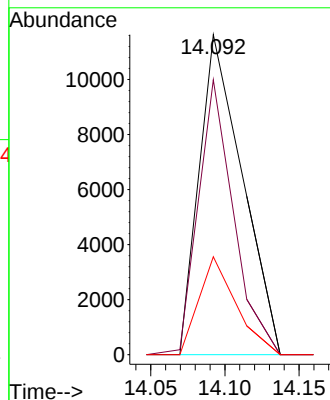
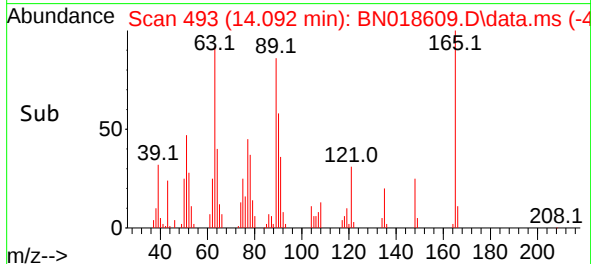


#48
2,6-Dinitrotoluene
Concen: 3.454 ng/ul
RT: 14.092 min Scan# 493
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

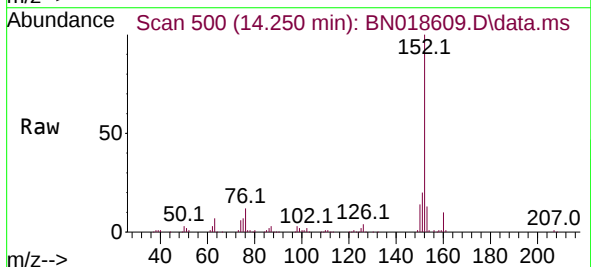
Instrument :
BNA_N
ClientSampleId :
SSTD005223



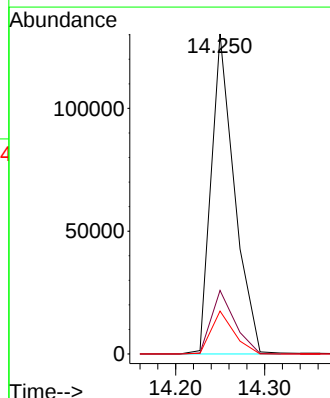
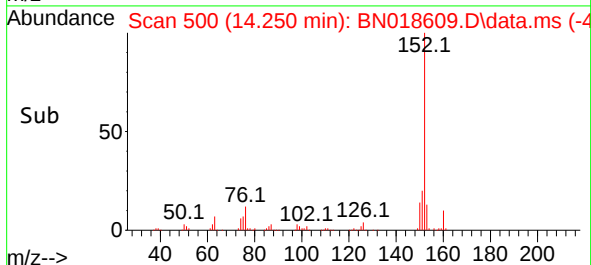
Tgt Ion:165 Resp: 23503
Ion Ratio Lower Upper
165 100
89 85.9 49.3 73.9#
121 30.6 16.8 25.2#

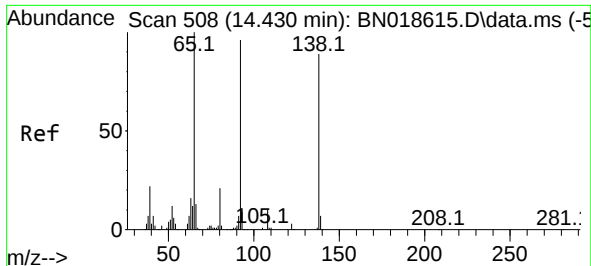


#50
Acenaphthylene
Concen: 4.723 ng/ul
RT: 14.250 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15



Tgt Ion:152 Resp: 237361
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.4 10.6 15.8

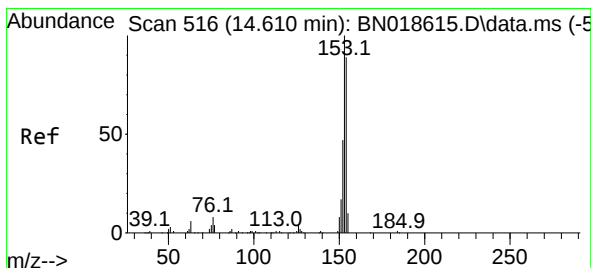
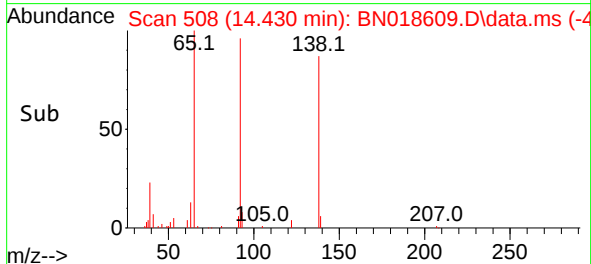
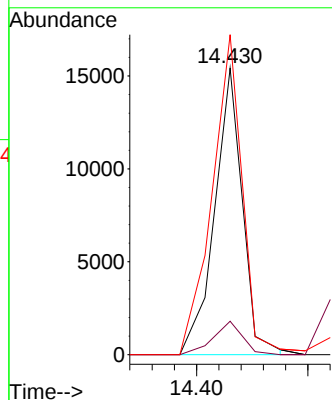
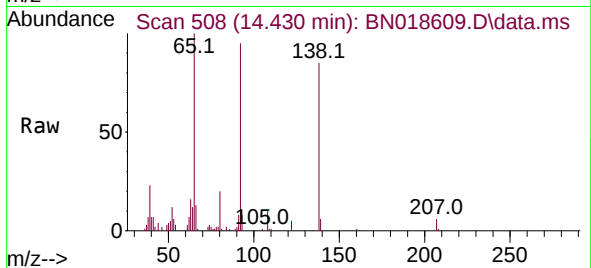




#51
3-Nitroaniline
Concen: 3.948 ng/ul
RT: 14.430 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

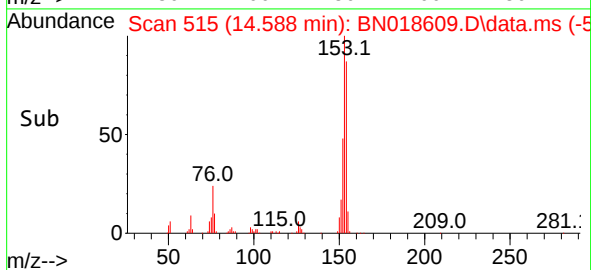
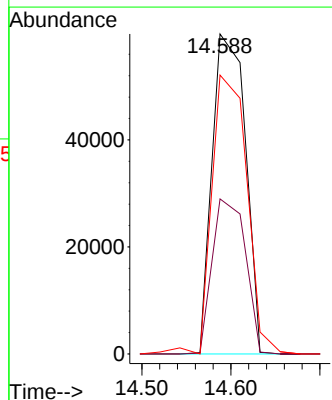
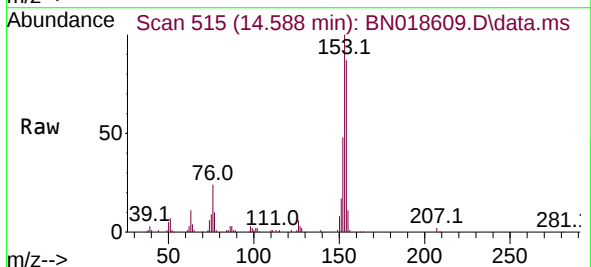
Instrument :
BNA_N
ClientSampleId :
SSTD005223

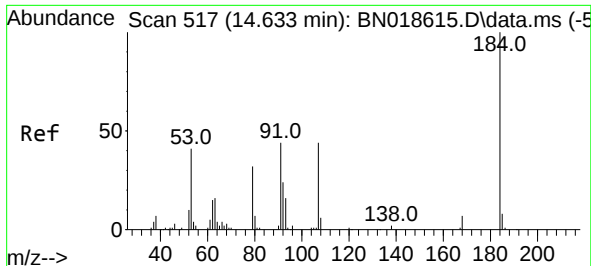
Tgt Ion:138 Resp: 26717
Ion Ratio Lower Upper
138 100
108 11.6 10.6 15.8
92 111.7 107.9 161.9



#52
Acenaphthene
Concen: 4.773 ng/ul
RT: 14.588 min Scan# 515
Delta R.T. -0.023 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:153 Resp: 155143
Ion Ratio Lower Upper
153 100
152 48.5 37.5 56.3
154 87.2 69.8 104.6





#53

2,4-Dinitrophenol

Concen: 2.371 ng/ul

RT: 14.633 min Scan# 517

Delta R.T. -0.000 min

Lab File: BN018609.D

Acq: 15 Feb 2022 11:15

Instrument :

BNA_N

ClientSampleId :

SSTD005223

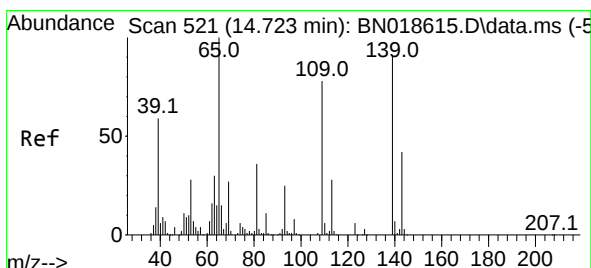
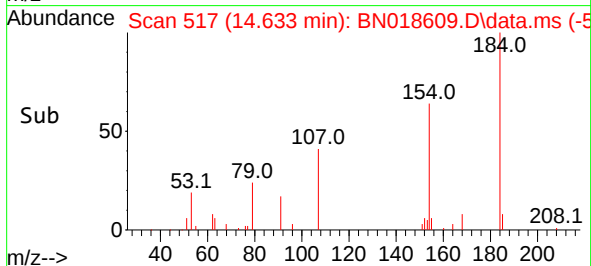
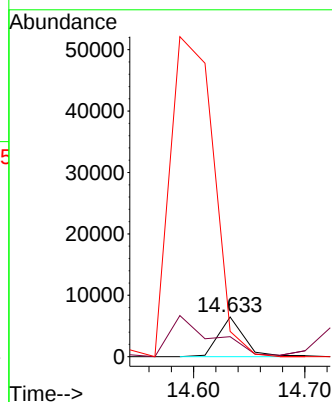
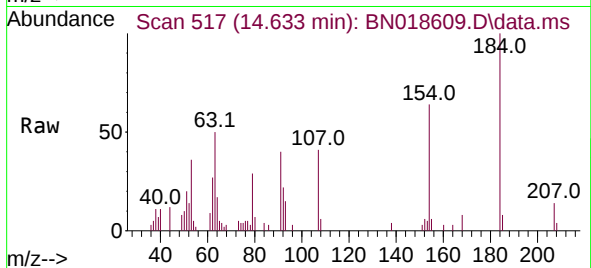
Tgt Ion:184 Resp: 10296

Ion Ratio Lower Upper

184 100

63 50.3 58.6 87.8#

154 63.6 46.2 69.2



#55

4-Nitrophenol

Concen: 3.643 ng/ul

RT: 14.723 min Scan# 521

Delta R.T. -0.000 min

Lab File: BN018609.D

Acq: 15 Feb 2022 11:15

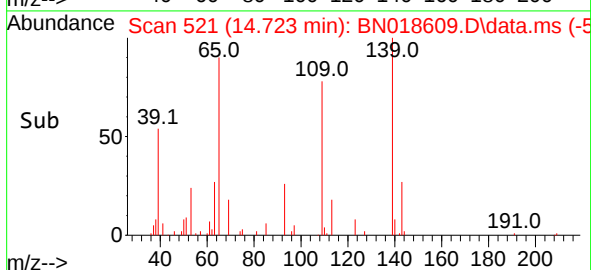
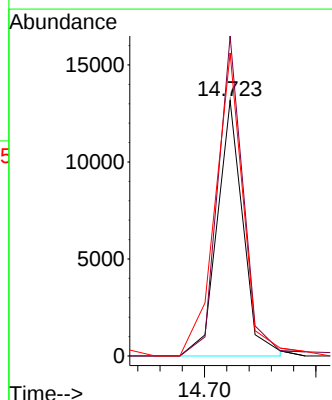
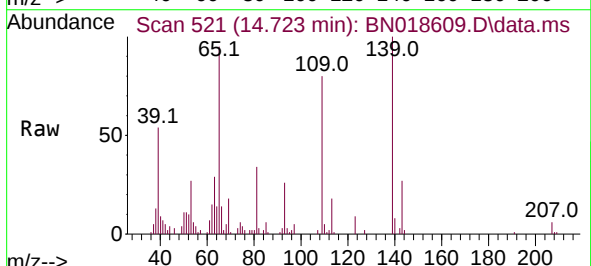
Tgt Ion:109 Resp: 21105

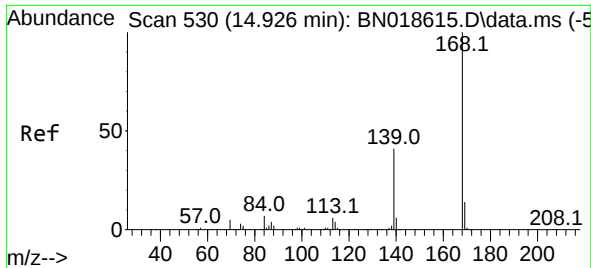
Ion Ratio Lower Upper

109 100

139 125.3 104.0 156.0

65 118.6 117.5 176.3

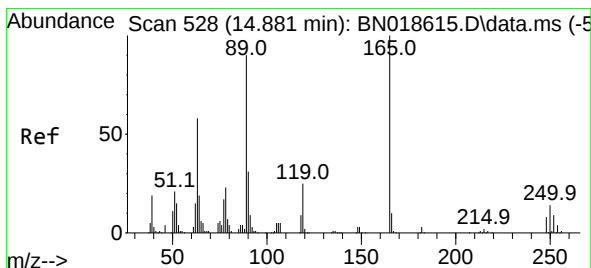
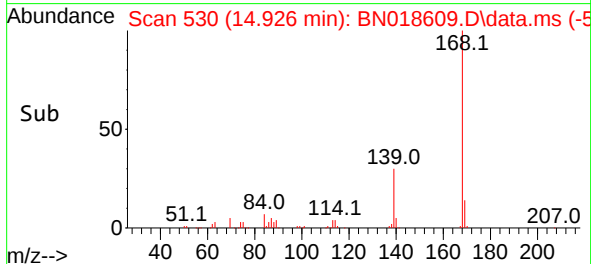
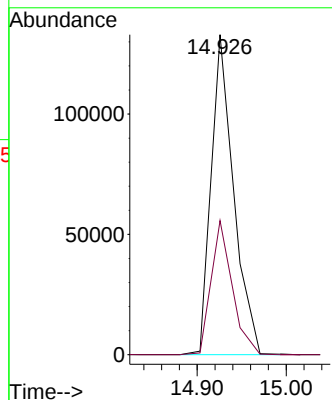
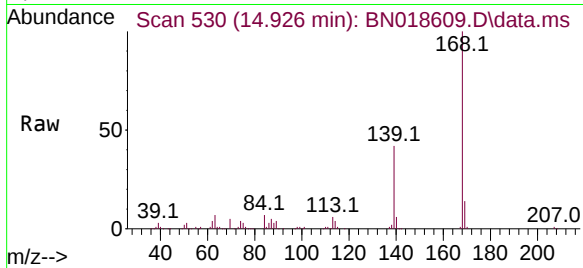




#56
Dibenzenofuran
Concen: 4.969 ng/ul
RT: 14.926 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

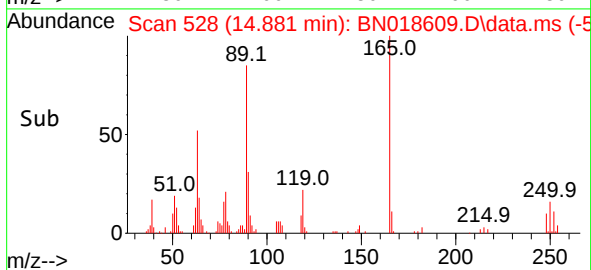
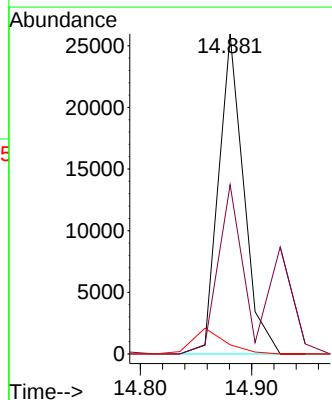
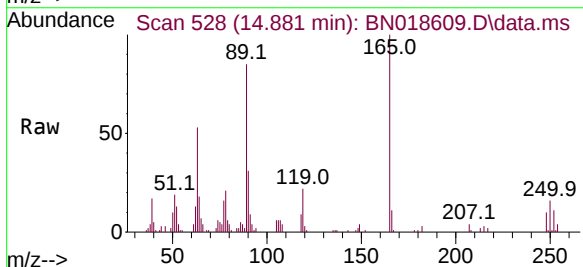
Instrument :
BNA_N
ClientSampleId :
SSTD005223

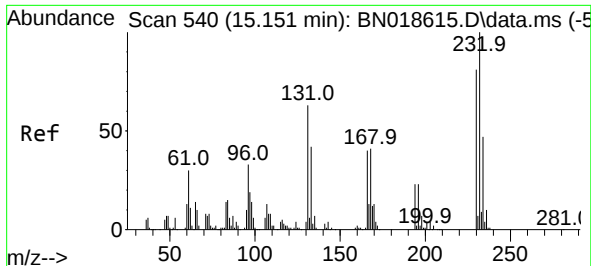
Tgt Ion:168 Resp: 233602
Ion Ratio Lower Upper
168 100
139 41.9 27.8 41.6#



#57
2,4-Dinitrotoluene
Concen: 4.051 ng/ul
RT: 14.881 min Scan# 528
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:165 Resp: 40694
Ion Ratio Lower Upper
165 100
63 52.9 36.0 54.0
182 2.8 2.2 3.2





#58

2,3,4,6-Tetrachlorophenol

Concen: 4.035 ng/ul

RT: 15.151 min Scan# 540

Delta R.T. -0.000 min

Lab File: BN018609.D

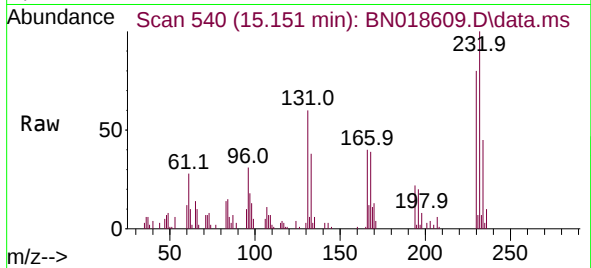
Acq: 15 Feb 2022 11:15

Instrument :

BNA_N

ClientSampleId :

SSTD005223



Tgt Ion:232 Resp: 33790

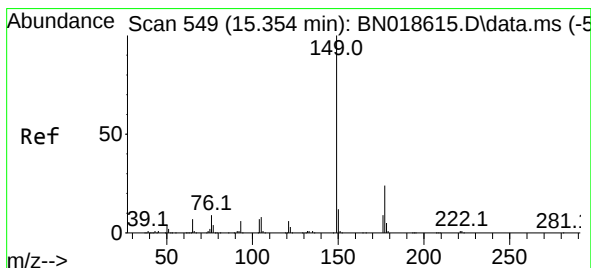
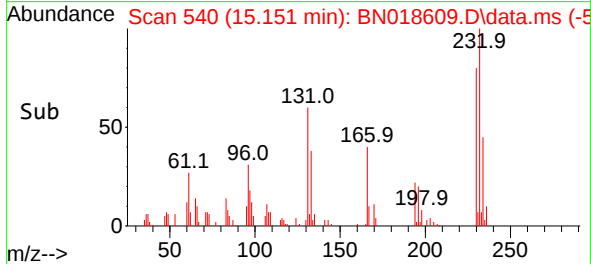
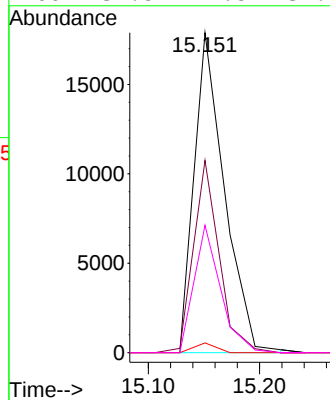
Ion Ratio Lower Upper

232 100

131 60.1 31.4 47.0#

130 3.1 1.8 2.6#

166 39.8 21.8 32.8#



#59

Diethylphthalate

Concen: 4.008 ng/ul

RT: 15.354 min Scan# 549

Delta R.T. -0.000 min

Lab File: BN018609.D

Acq: 15 Feb 2022 11:15

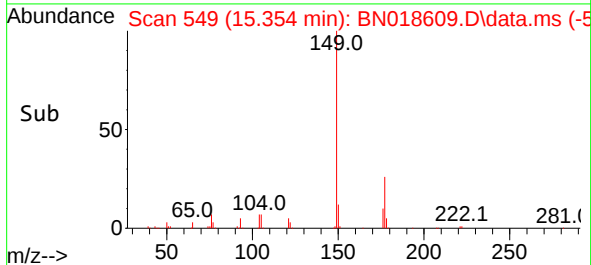
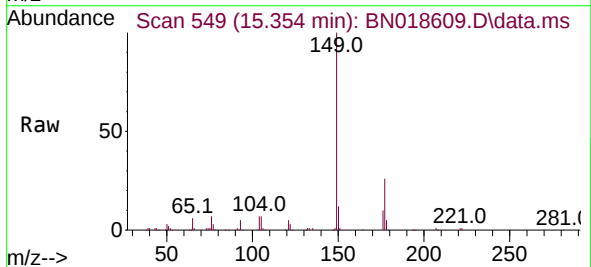
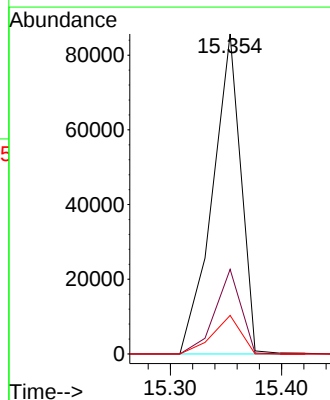
Tgt Ion:149 Resp: 151936

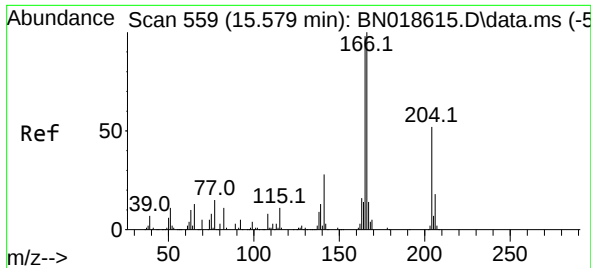
Ion Ratio Lower Upper

149 100

177 26.5 18.6 28.0

150 12.0 10.0 15.0

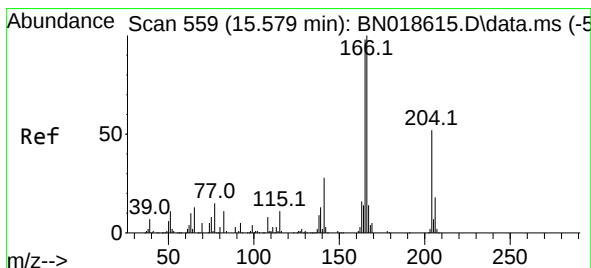
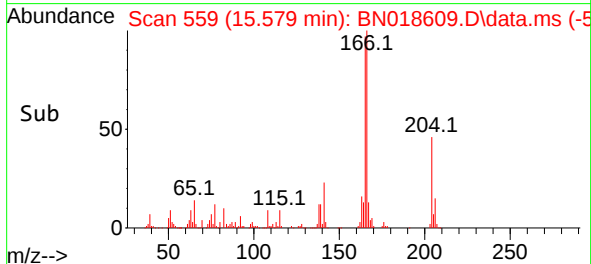
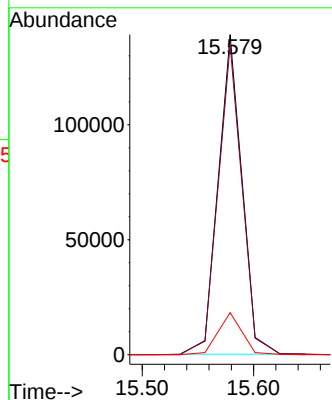
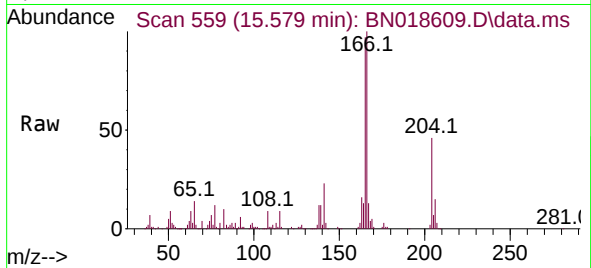




#61
Fluorene
Concen: 5.341 ng/ul
RT: 15.579 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

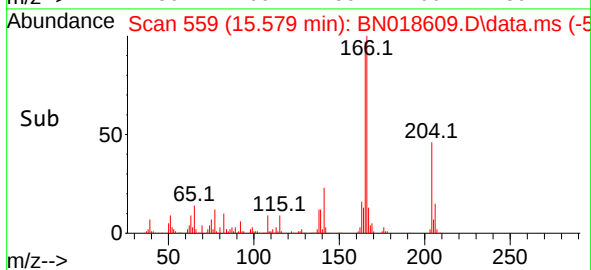
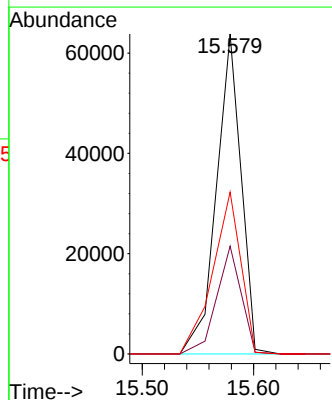
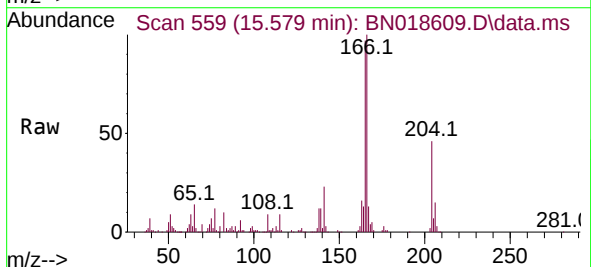
Instrument :
BNA_N
ClientSampleId :
SSTD005223

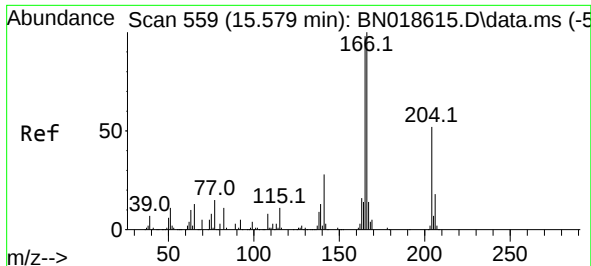
Tgt Ion:166 Resp: 205600
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.4
167 13.1 11.0 16.4



#62
4-Chlorophenyl-phenylether
Concen: 4.948 ng/ul
RT: 15.579 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:204 Resp: 98214
Ion Ratio Lower Upper
204 100
206 33.7 26.8 40.2
141 50.6 43.1 64.7

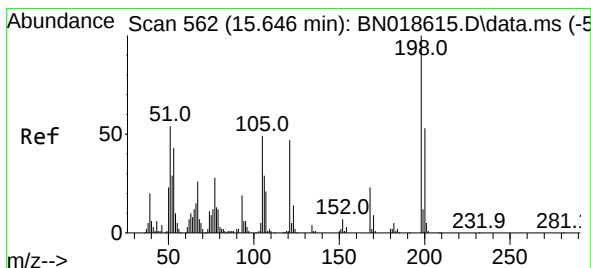
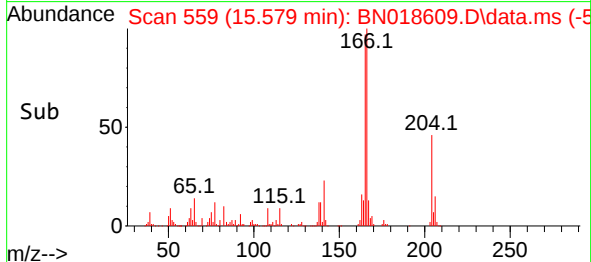
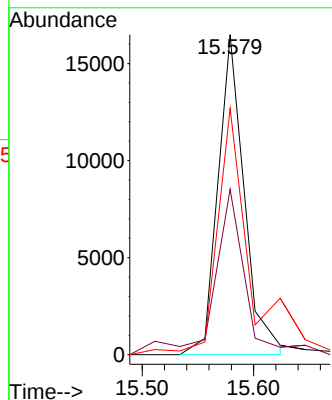
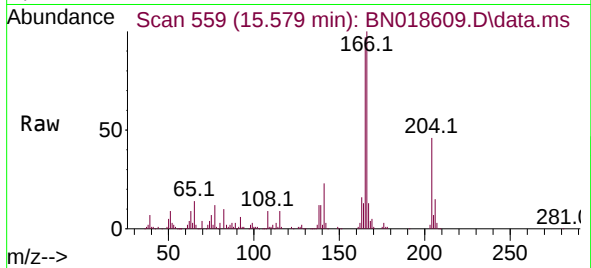




#63
4-Nitroaniline
Concen: 4.952 ng/ul
RT: 15.579 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

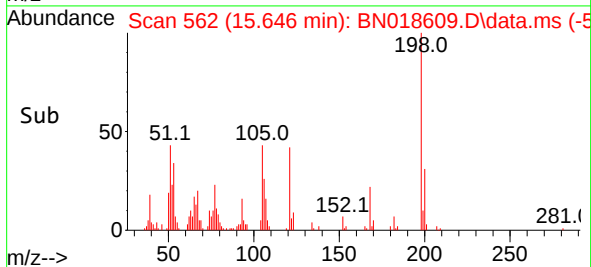
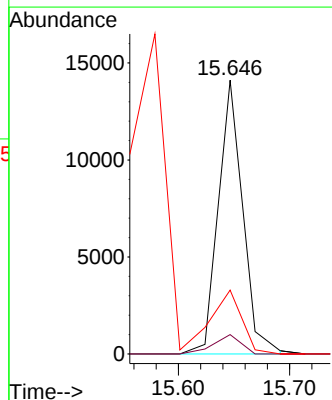
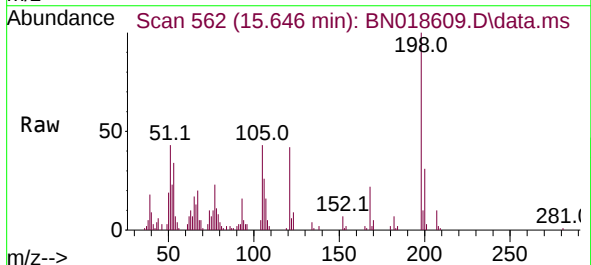
Instrument :
BNA_N
ClientSampleId :
SSTD005223

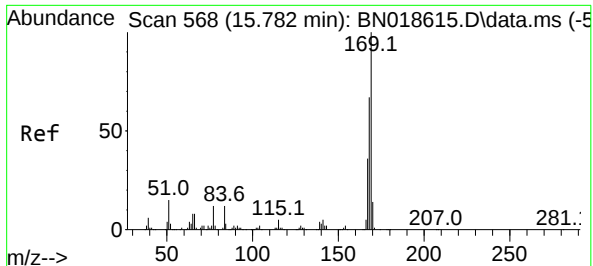
Tgt Ion:138 Resp: 27119
Ion Ratio Lower Upper
138 100
92 51.7 45.6 68.4
108 77.0 68.0 102.0



#66
4,6-Dinitro-2-methylphenol
Concen: 3.197 ng/ul
RT: 15.646 min Scan# 562
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:198 Resp: 21519
Ion Ratio Lower Upper
198 100
182 7.1 3.4 5.2#
77 23.3 21.1 31.7

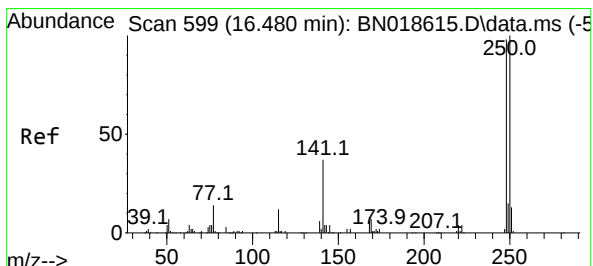
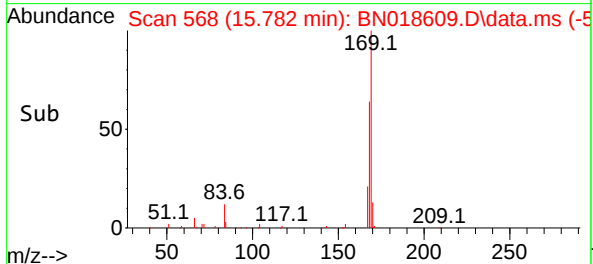
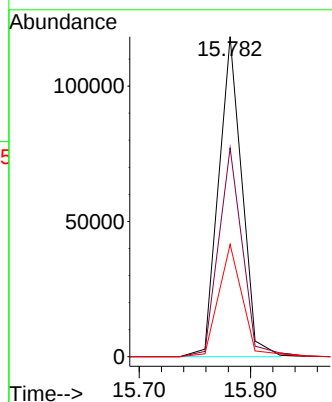
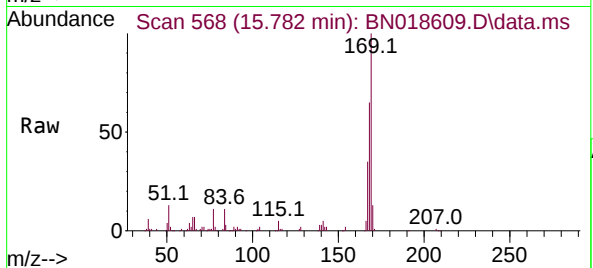




#67
N-Nitrosodiphenylamine
Concen: 4.794 ng/ul
RT: 15.782 min Scan# 501
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

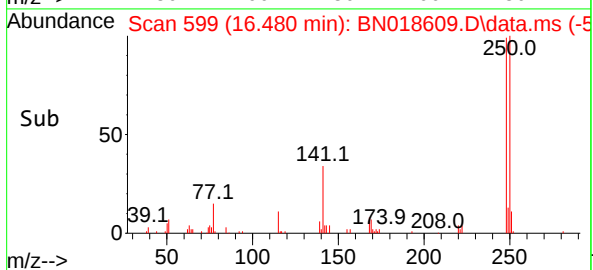
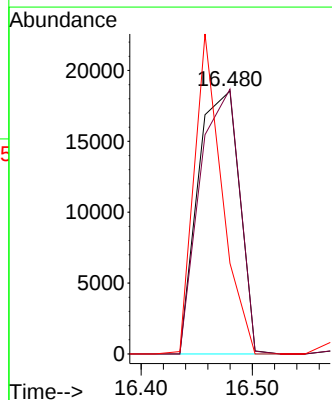
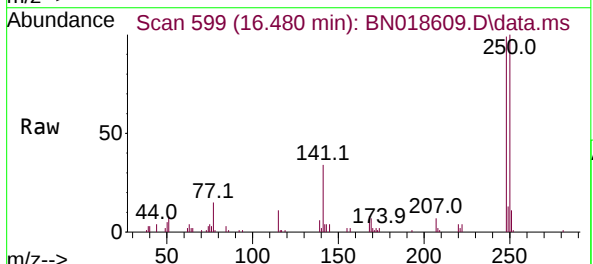
Instrument :
BNA_N
ClientSampleId :
SSTD005223

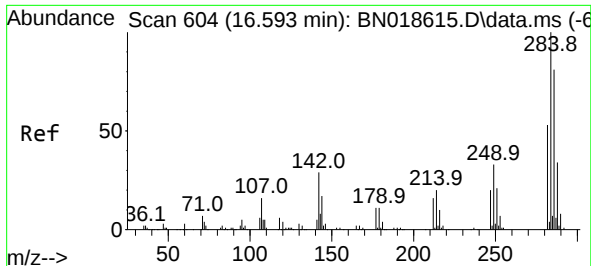
Tgt Ion:169 Resp: 172184
Ion Ratio Lower Upper
169 100
168 65.2 52.2 78.4
167 35.1 27.4 41.2



#68
4-Bromophenyl-phenylether
Concen: 4.405 ng/ul
RT: 16.480 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

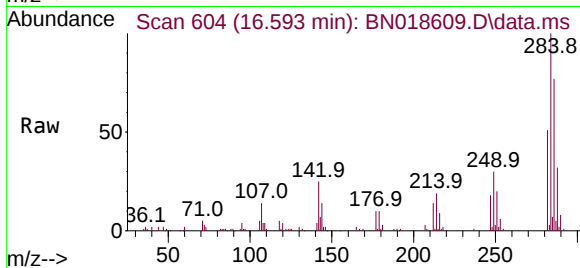
Tgt Ion:248 Resp: 48178
Ion Ratio Lower Upper
248 100
250 100.7 72.3 108.5
141 34.5 53.7 80.5#



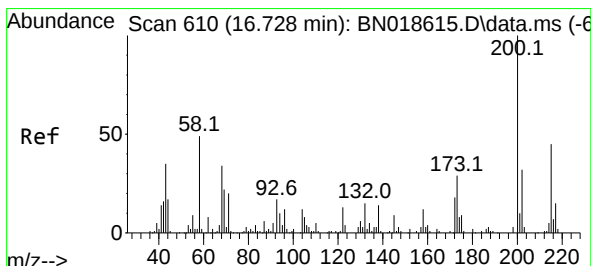
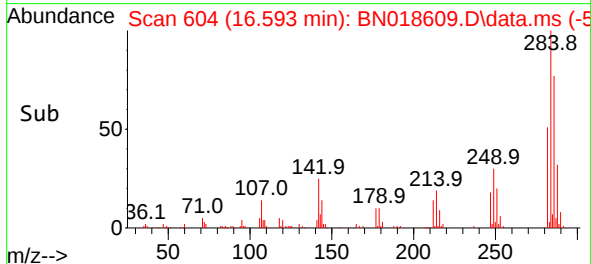
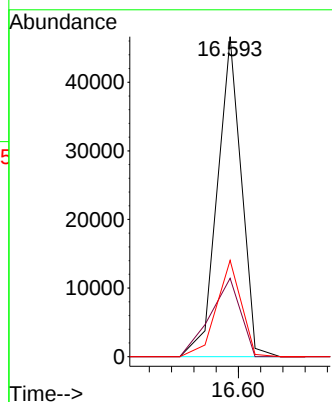


#69
Hexachlorobenzene
Concen: 4.769 ng/ul
RT: 16.593 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Instrument :
BNA_N
ClientSampleId :
SSTD005223

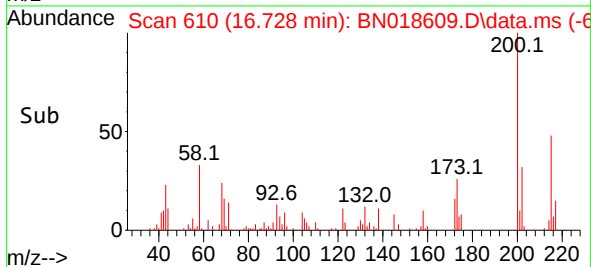
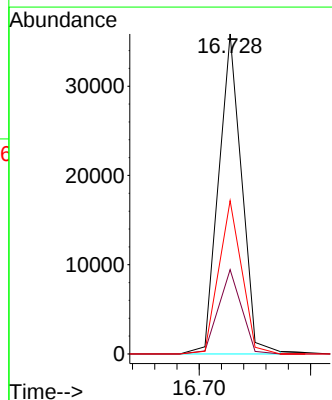
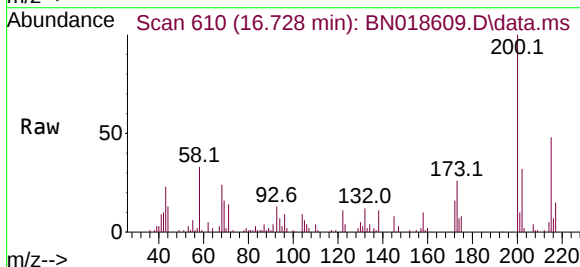


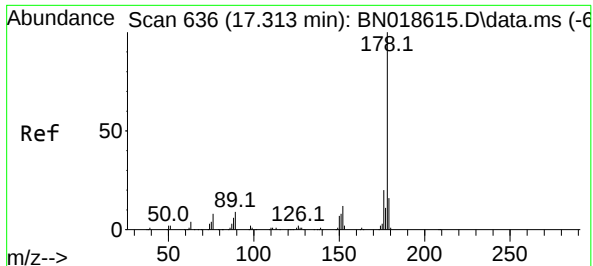
Tgt Ion:284 Resp: 69809
Ion Ratio Lower Upper
284 100
142 24.5 24.3 36.5
249 30.1 23.8 35.6



#70
Atrazine
Concen: 4.137 ng/ul
RT: 16.728 min Scan# 610
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:200 Resp: 51673
Ion Ratio Lower Upper
200 100
173 26.4 20.2 30.2
215 47.9 39.7 59.5

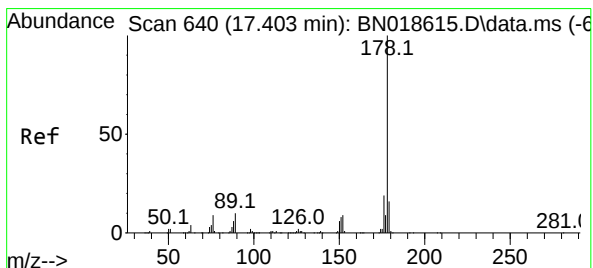
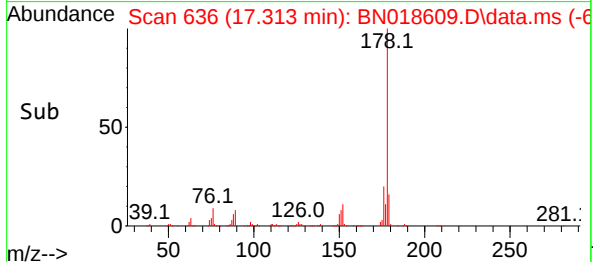
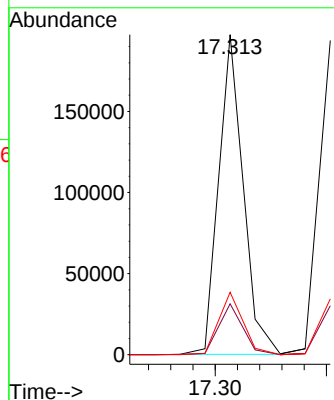
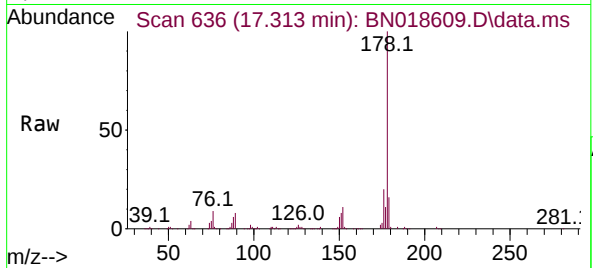




#72
Phenanthrene
Concen: 4.851 ng/ul
RT: 17.313 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

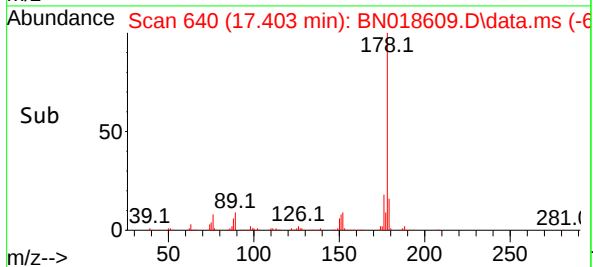
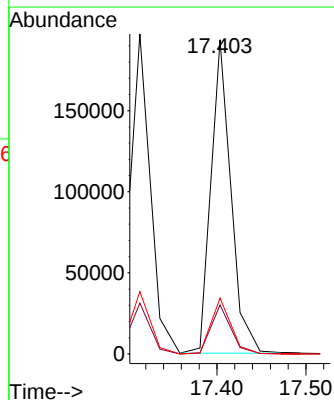
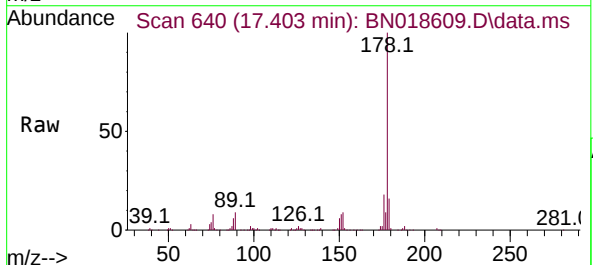
Instrument :
BNA_N
ClientSampleId :
SSTD005223

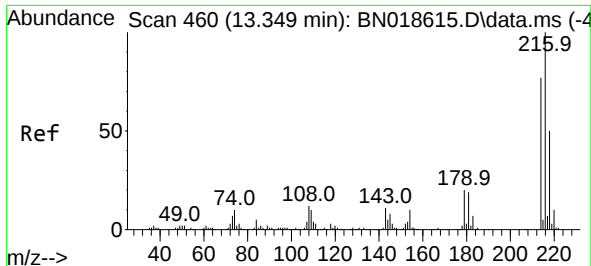
Tgt Ion:178 Resp: 300863
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 19.5 14.6 21.8



#74
Anthracene
Concen: 4.926 ng/ul
RT: 17.403 min Scan# 640
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

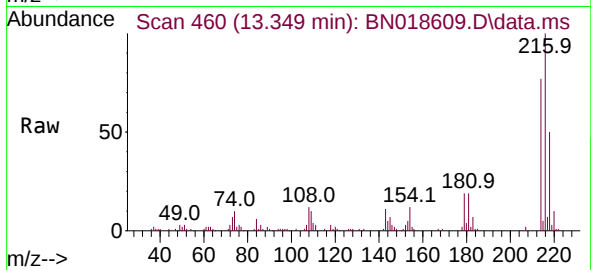
Tgt Ion:178 Resp: 301789
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 17.8 14.7 22.1



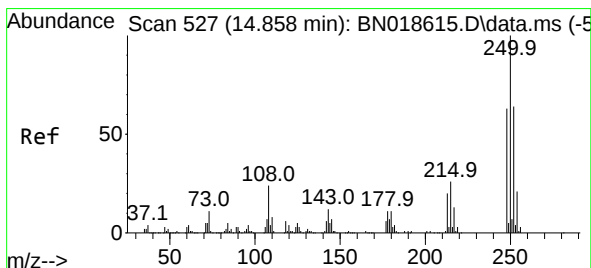
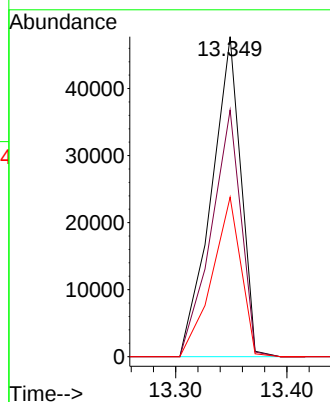
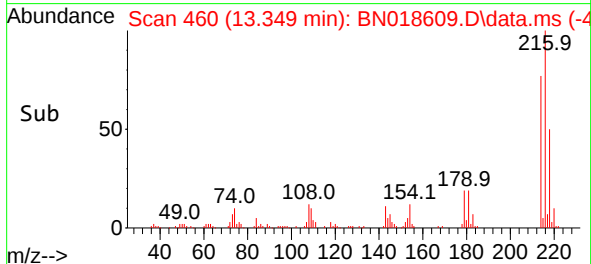


#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.194 ng/uL
RT: 13.349 min Scan# 460
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

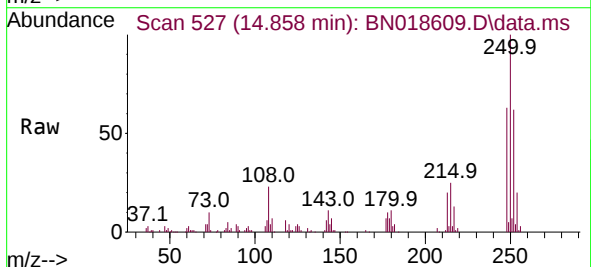
Instrument :
BNA_N
ClientSampleId :
SSTD005223



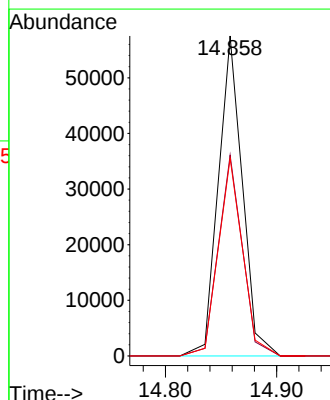
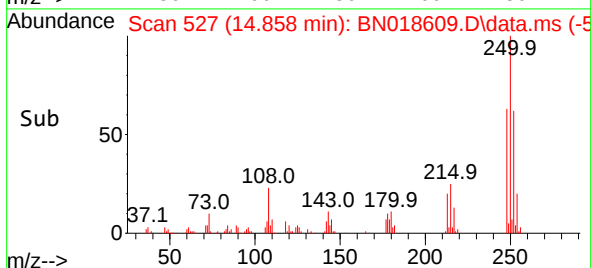
Tgt Ion:216 Resp: 88189
Ion Ratio Lower Upper
216 100
214 77.1 63.1 94.7
218 49.8 39.8 59.6

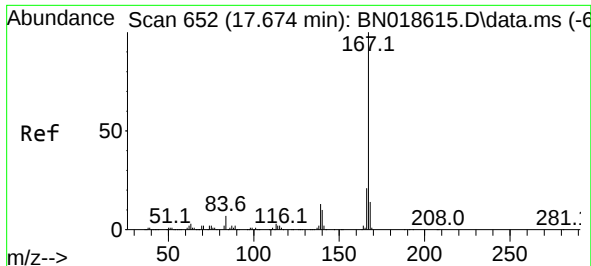


#76
Pentachlorobenzene
Concen: 4.683 ng/uL
RT: 14.858 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15



Tgt Ion:250 Resp: 86202
Ion Ratio Lower Upper
250 100
248 62.8 49.5 74.3
252 61.8 52.7 79.1

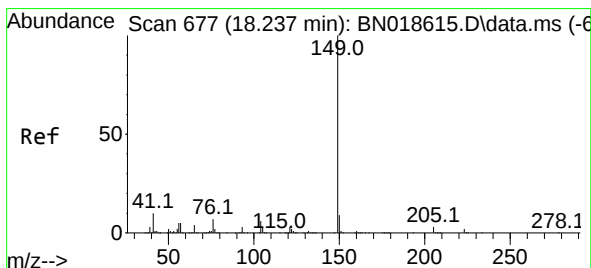
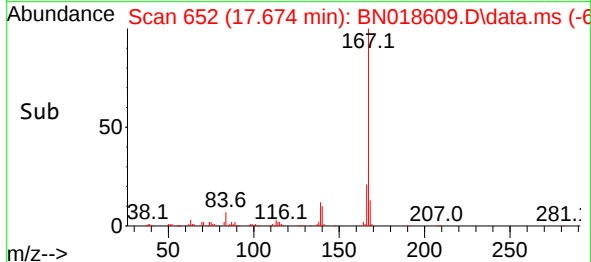
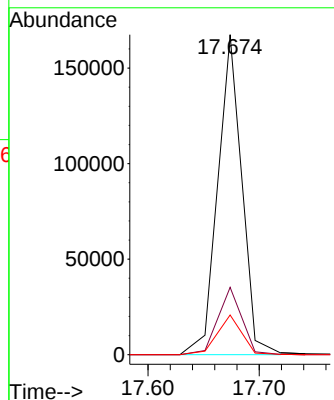
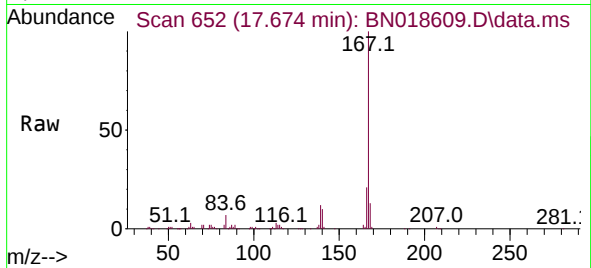




#77
 Carbazole
 Concen: 4.698 ng/ul
 RT: 17.674 min Scan# 652
 Delta R.T. -0.000 min
 Lab File: BN018609.D
 Acq: 15 Feb 2022 11:15

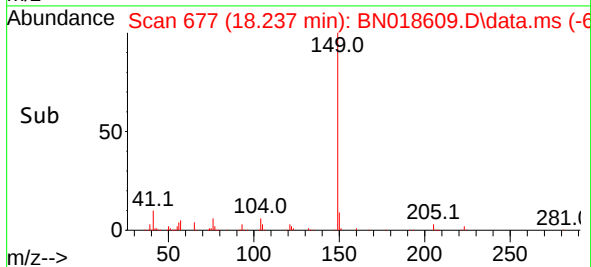
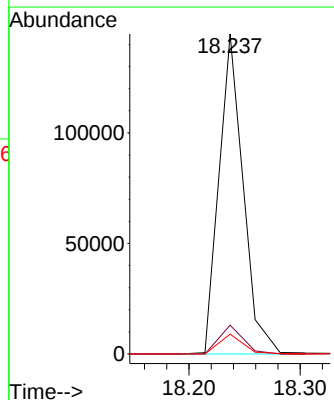
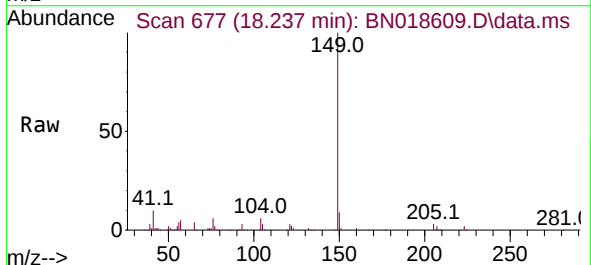
Instrument :
 BNA_N
 ClientSampleId :
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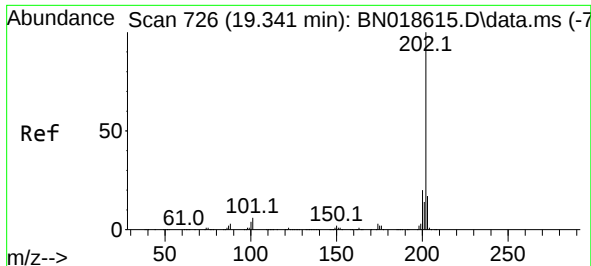
Tgt Ion:167 Resp: 251574
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.9 25.3
 139 12.4 9.6 14.4



#78
 Di-n-butylphthalate
 Concen: 3.821 ng/ul
 RT: 18.237 min Scan# 677
 Delta R.T. -0.000 min
 Lab File: BN018609.D
 Acq: 15 Feb 2022 11:15

Tgt Ion:149 Resp: 218324
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 6.2 4.2 6.2

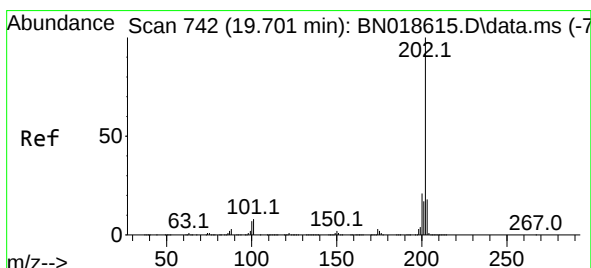
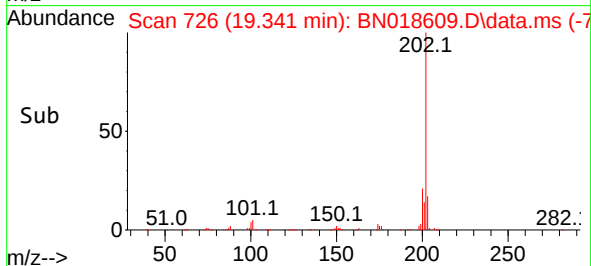
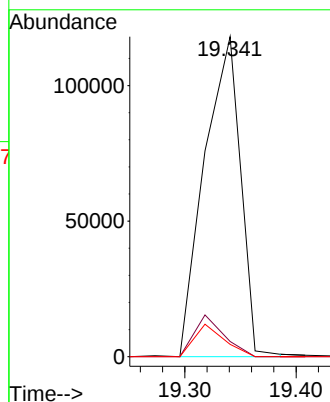
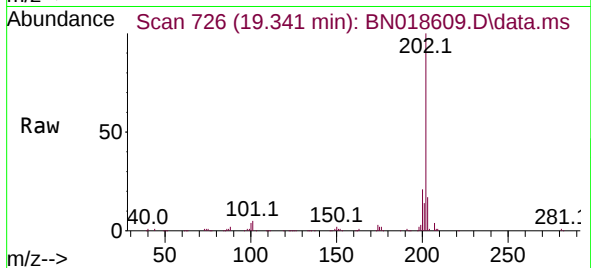




#80
Fluoranthene
Concen: 4.397 ng/ul
RT: 19.341 min Scan# 726
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

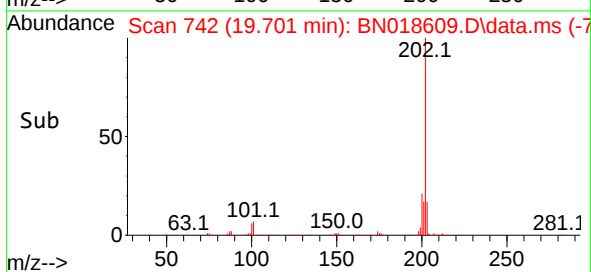
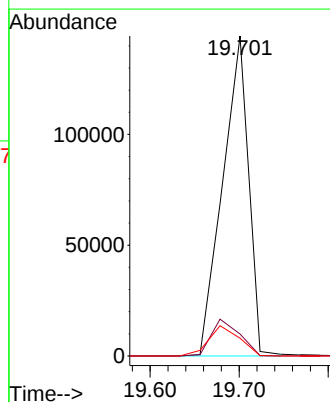
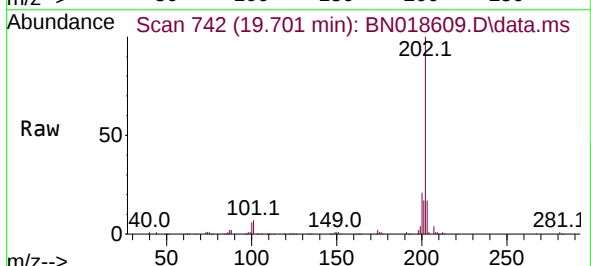
Instrument :
BNA_N
ClientSampleId :
SSTD005223

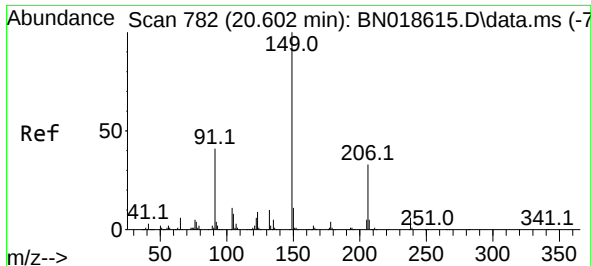
Tgt Ion:202 Resp: 266186
Ion Ratio Lower Upper
202 100
101 4.8 8.5 12.7#
100 3.9 6.4 9.6#



#82
Pyrene
Concen: 4.397 ng/ul
RT: 19.701 min Scan# 742
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:202 Resp: 292740
Ion Ratio Lower Upper
202 100
101 6.9 9.6 14.4#
100 5.6 7.8 11.8#

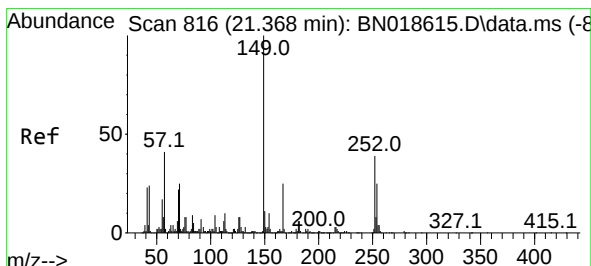
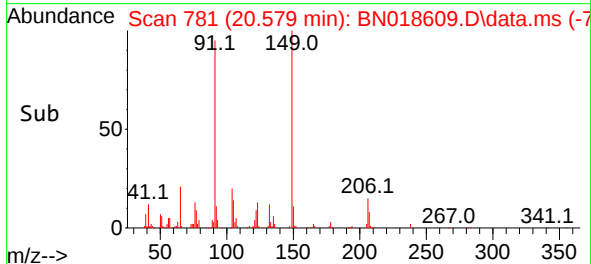
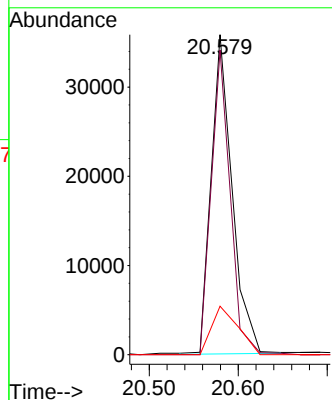
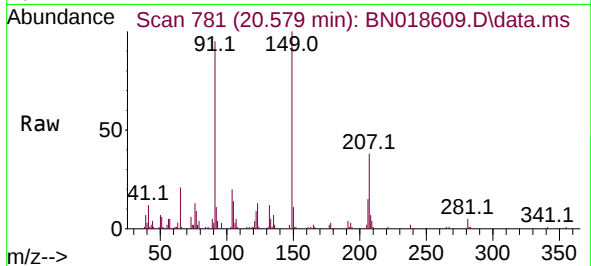




#83
Butylbenzylphthalate
Concen: 3.580 ng/ul
RT: 20.579 min Scan# 781
Delta R.T. -0.023 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

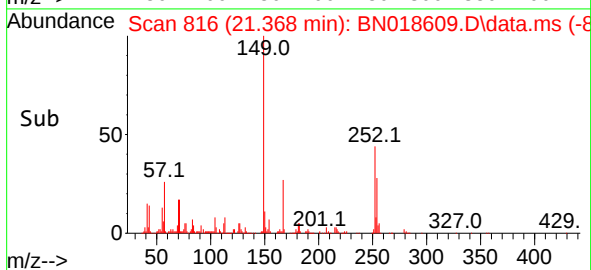
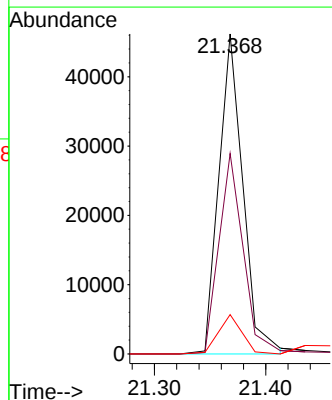
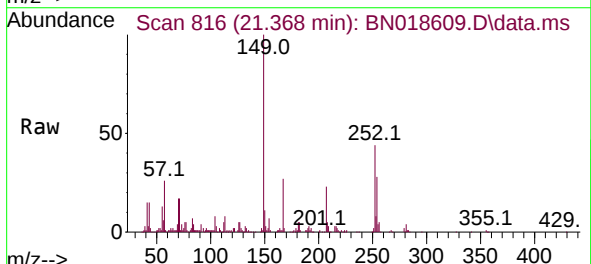
Instrument :
BNA_N
ClientSampleId :
SSTD005223

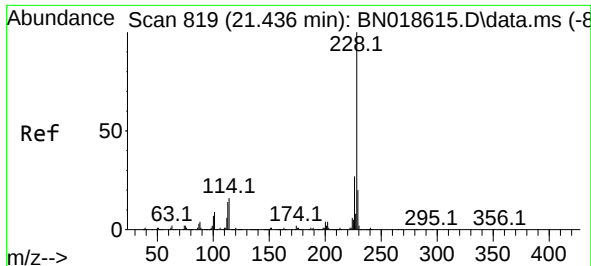
Tgt Ion:149 Resp: 58874
Ion Ratio Lower Upper
149 100
91 95.2 63.7 95.5
206 15.2 19.1 28.7#



#84
3,3'-Dichlorobenzidine
Concen: 3.776 ng/ul
RT: 21.368 min Scan# 816
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:252 Resp: 69374
Ion Ratio Lower Upper
252 100
254 62.6 51.5 77.3
126 12.3 7.9 11.9#

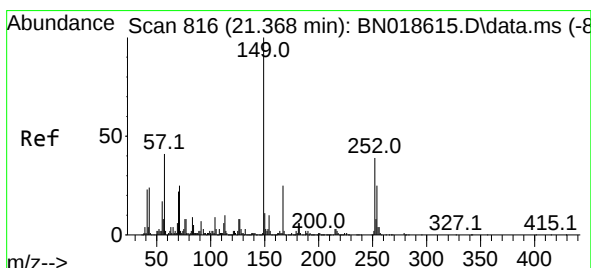
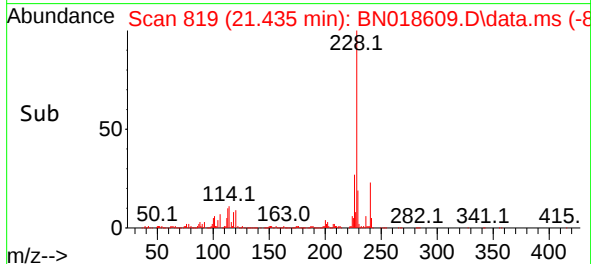
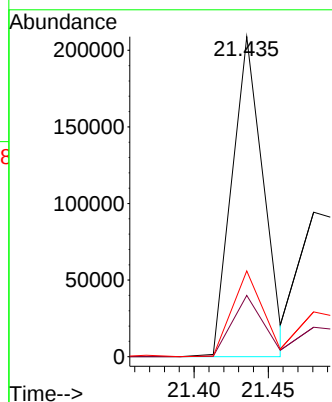
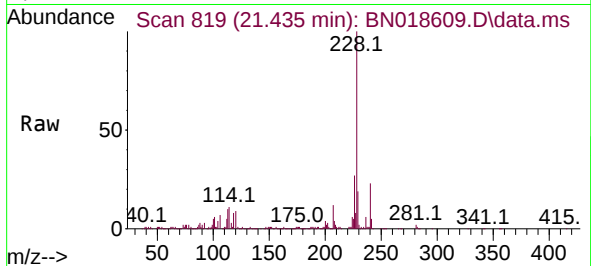




#85
Benzo(a)anthracene
Concen: 4.890 ng/ul
RT: 21.435 min Scan# 819
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

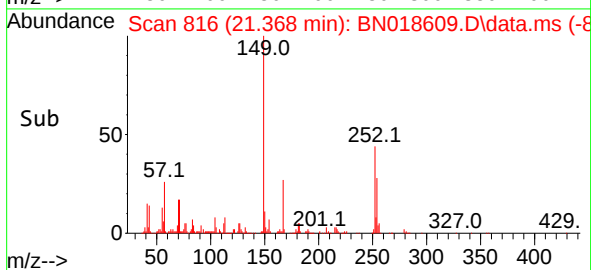
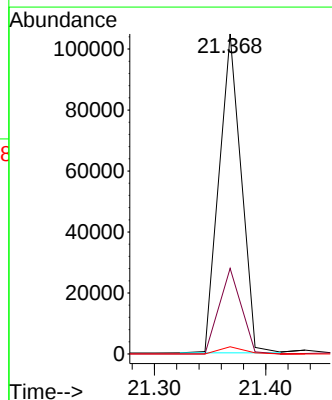
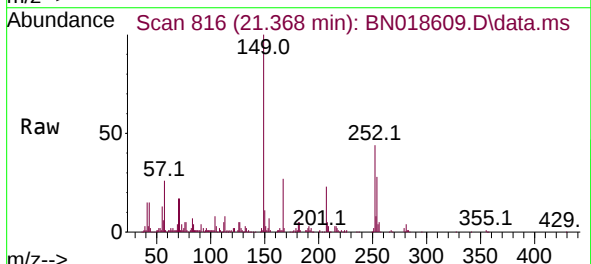
Instrument :
BNA_N
ClientSampleId :
SSTD005223

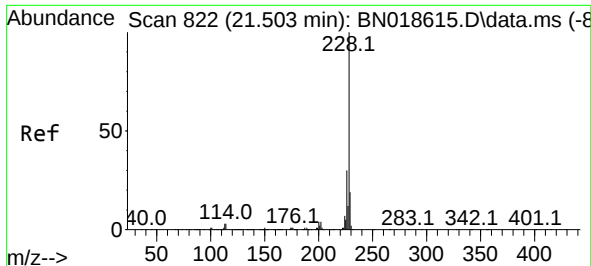
Tgt Ion:228 Resp: 312001
Ion Ratio Lower Upper
228 100
229 19.2 15.4 23.2
226 26.8 21.0 31.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.815 ng/ul
RT: 21.368 min Scan# 816
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:149 Resp: 144639
Ion Ratio Lower Upper
149 100
167 26.8 23.4 35.0
279 2.3 4.1 6.1#

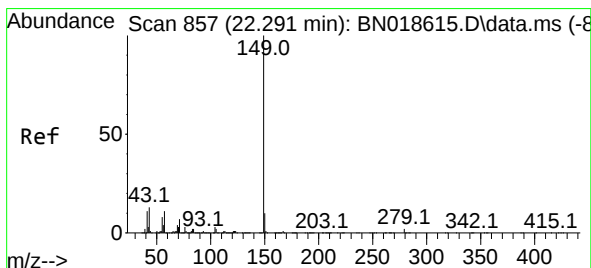
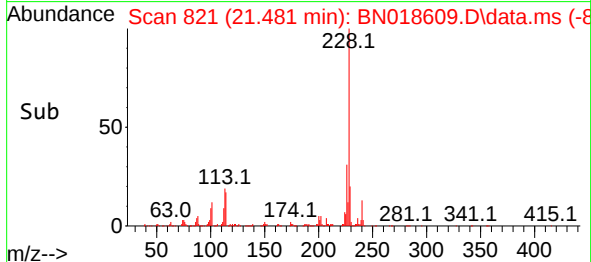
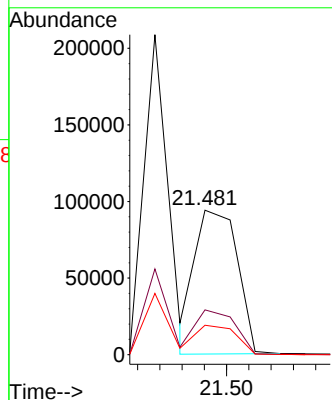
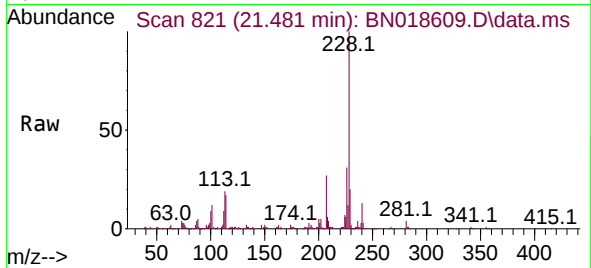




#87
Chrysene
Concen: 4.581 ng/ul
RT: 21.481 min Scan# 81
Delta R.T. -0.023 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

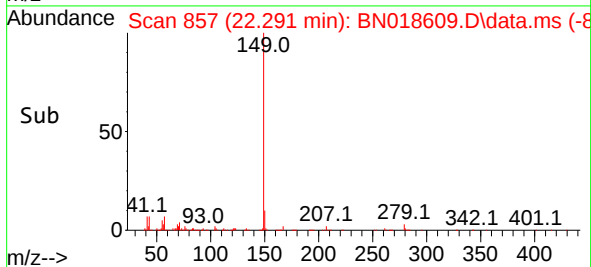
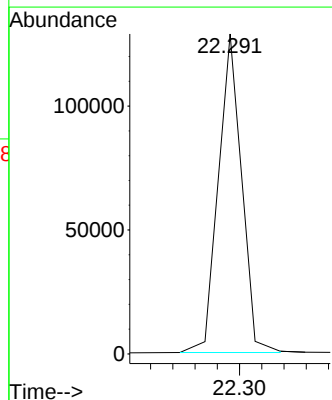
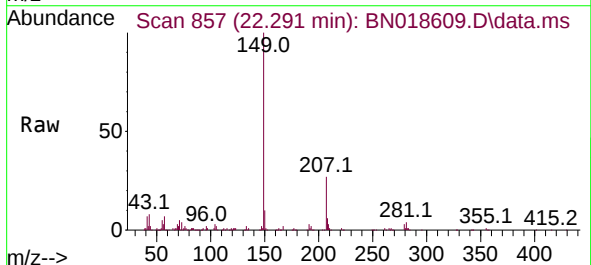
Instrument :
BNA_N
ClientSampleId :
SSTD005223

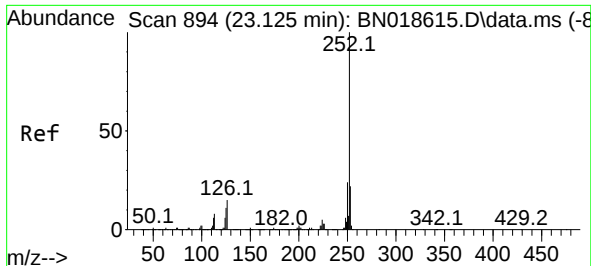
Tgt Ion:228 Resp: 247115
Ion Ratio Lower Upper
228 100
226 31.0 23.5 35.3
229 20.4 15.0 22.4



#89
Di-n-octyl phthalate
Concen: 3.260 ng/ul
RT: 22.291 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:149 Resp: 186557

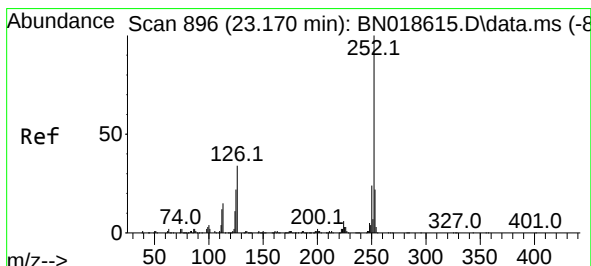
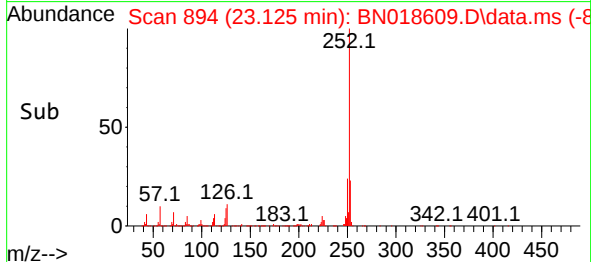
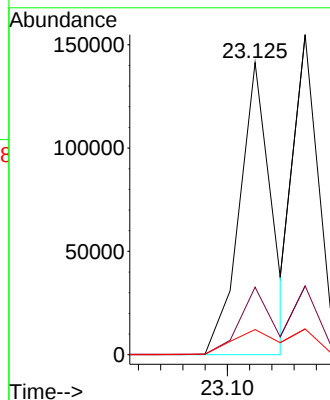
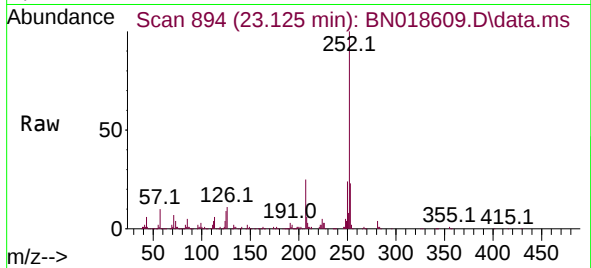




#90
Benzo(b)fluoranthene
Concen: 4.895 ng/ul
RT: 23.125 min Scan# 894
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

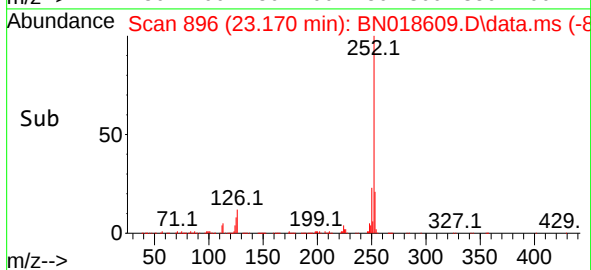
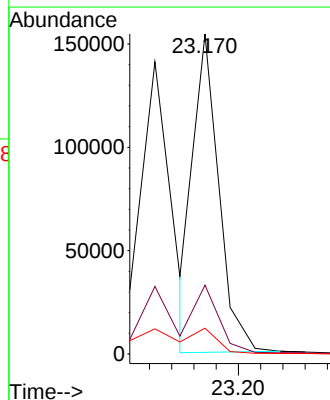
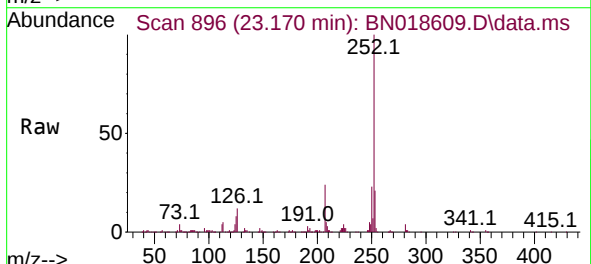
Instrument :
BNA_N
ClientSampleId :
SSTD005223

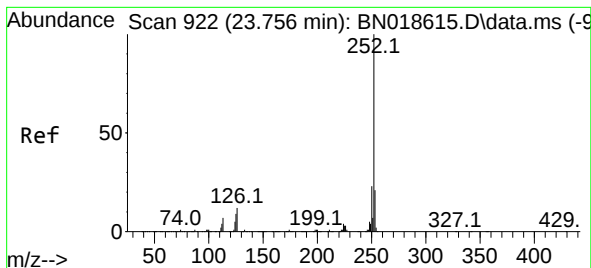
Tgt Ion:252 Resp: 283995
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 8.6 7.2 10.8



#91
Benzo(k)fluoranthene
Concen: 4.664 ng/ul
RT: 23.170 min Scan# 896
Delta R.T. -0.000 min
Lab File: BN018609.D
Acq: 15 Feb 2022 11:15

Tgt Ion:252 Resp: 239957
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 8.0 6.9 10.3





#93

Benzo(a)pyrene

Concen: 4.594 ng/ul

RT: 23.756 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN018609.D

Acq: 15 Feb 2022 11:15

Instrument :

BNA_N

ClientSampleId :

SSTD005223

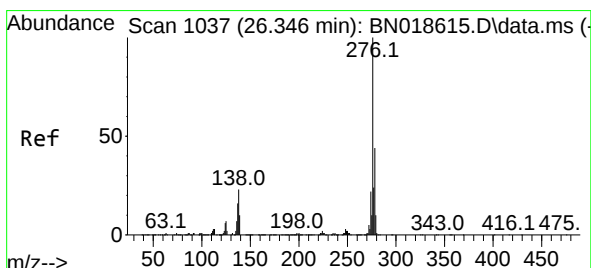
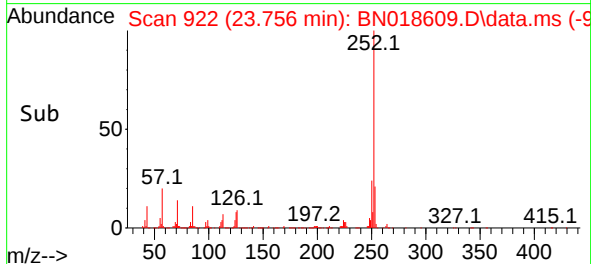
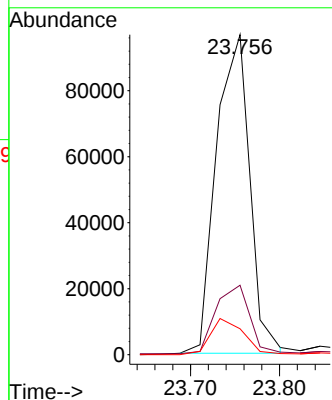
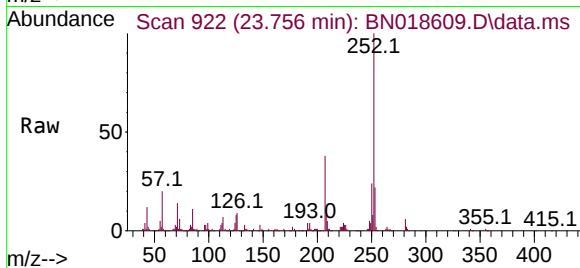
Tgt Ion:252 Resp: 251967

Ion Ratio Lower Upper

252 100

253 21.7 19.3 28.9

125 8.1 8.0 12.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.501 ng/ul

RT: 26.346 min Scan# 1037

Delta R.T. -0.000 min

Lab File: BN018609.D

Acq: 15 Feb 2022 11:15

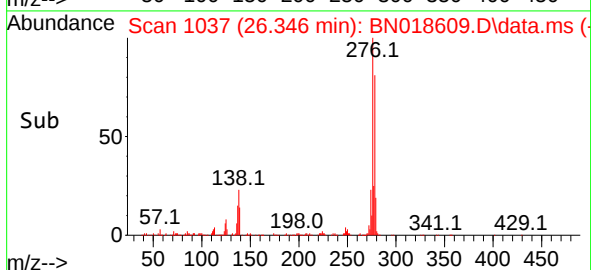
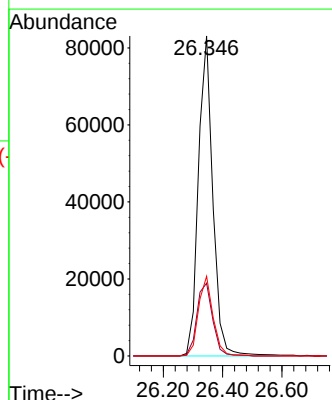
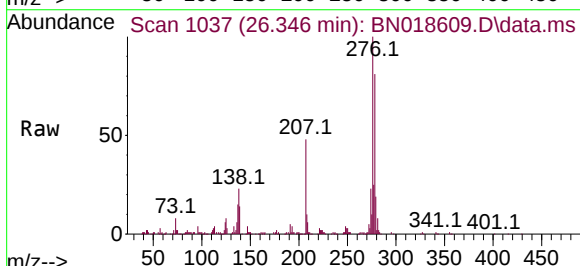
Tgt Ion:276 Resp: 280442

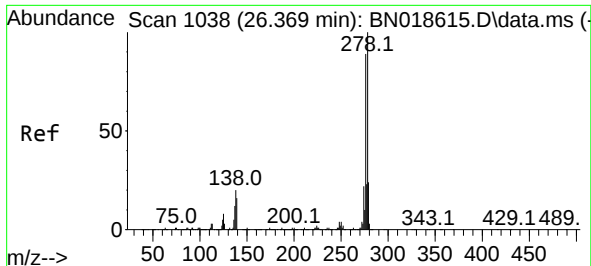
Ion Ratio Lower Upper

276 100

138 22.8 16.6 24.8

277 24.9 19.1 28.7

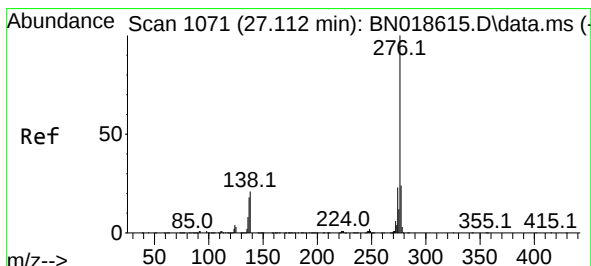
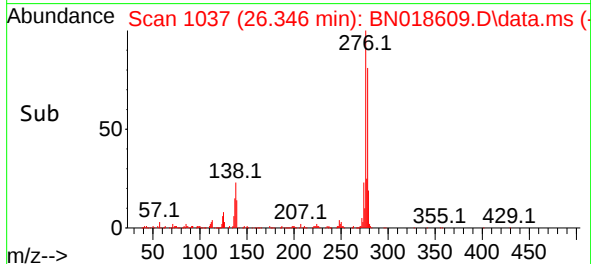
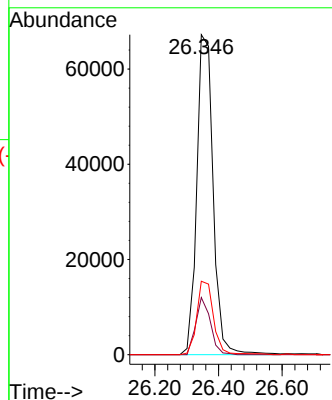
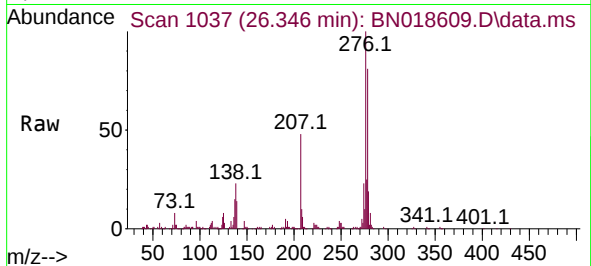




#95
 Dibenzo(a,h)anthracene
 Concen: 4.565 ng/ul
 RT: 26.346 min Scan# 1037
 Delta R.T. -0.023 min
 Lab File: BN018609.D
 Acq: 15 Feb 2022 11:15

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005223

Tgt Ion:278 Resp: 240932
 Ion Ratio Lower Upper
 278 100
 139 17.8 11.7 17.5#
 279 22.9 19.1 28.7



#96
 Benzo(g,h,i)perylene
 Concen: 4.414 ng/ul
 RT: 27.112 min Scan# 1071
 Delta R.T. -0.000 min
 Lab File: BN018609.D
 Acq: 15 Feb 2022 11:15

Tgt Ion:276 Resp: 234503
 Ion Ratio Lower Upper
 276 100
 138 17.9 15.6 23.4
 277 23.0 17.8 26.6

