

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121522\
 Data File : BN023216.D
 Acq On : 15 Dec 2022 14:55
 Operator : CG/JU
 Sample : SSTD04050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD040213

Quant Time: Dec 15 22:36:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 22:31:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	242836	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1106483	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	711034	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	1638412	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1671865	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	1978988	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	95056	13.364	ng/uL	0.00
4) Pyridine-d5	3.775	84	716392	35.615	ng/u1	0.00
7) Phenol-d5	7.164	99	913219	39.817	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	528839	38.457	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	708091	42.157	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	736220	40.660	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	365627	42.690	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	394873	41.320	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	722919	44.373	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	1136440	45.795	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	2226059	43.043	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2559790	44.921	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	512966	49.754	ng/u1	0.00
60) Fluorene-d10	15.645	176	1874273	44.187	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	412196	39.581	ng/u1	0.00
73) Anthracene-d10	17.498	188	3098288	43.186	ng/u1	0.00
81) Pyrene-d10	19.792	212	3693597	42.631	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	4067814	40.890	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	99286	13.117	ng/uL	98
5) Pyridine	3.793	79	722174	36.210	ng/u1	100
6) Benzaldehyde	7.134	77	351989	30.334	ng/u1	98
8) Phenol	7.187	94	921585	38.580	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	710954	38.195	ng/u1	99
12) 2-Chlorophenol	7.563	128	726101	40.485	ng/u1	97
13) 2-Methylphenol	8.452	108	696440	39.169	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	895874	36.461	ng/u1	98
16) Acetophenone	8.834	105	1135810	39.302	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.828	70	570360	37.031	ng/u1	98
18) 4-Methylphenol	8.787	108	790026	40.920	ng/u1	98
19) Hexachloroethane	9.093	117	274666	36.172	ng/u1	96
22) Nitrobenzene	9.216	77	864020	37.236	ng/u1	99
23) Isophorone	9.752	82	1638584	36.917	ng/u1	99
25) 2-Nitrophenol	9.934	139	427512	40.690	ng/u1	99
26) 2,4-Dimethylphenol	9.993	107	833032	36.962	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.234	93	1005871	39.298	ng/u1	99
29) 2,4-Dichlorophenol	10.469	162	705401	42.600	ng/u1	97
30) Naphthalene	10.875	128	2422105	41.242	ng/u1	100
32) 4-Chloroaniline	10.987	127	1148159	44.303	ng/u1	97
33) Hexachlorobutadiene	11.163	225	390864	38.349	ng/u1	97
34) Caprolactam	11.769	113	130108	20.711	ng/u1	98
35) 4-Chloro-3-methylphenol	12.110	107	814703	37.725	ng/u1	96
36) 2-Methylnaphthalene	12.481	142	1642171	41.046	ng/u1	98

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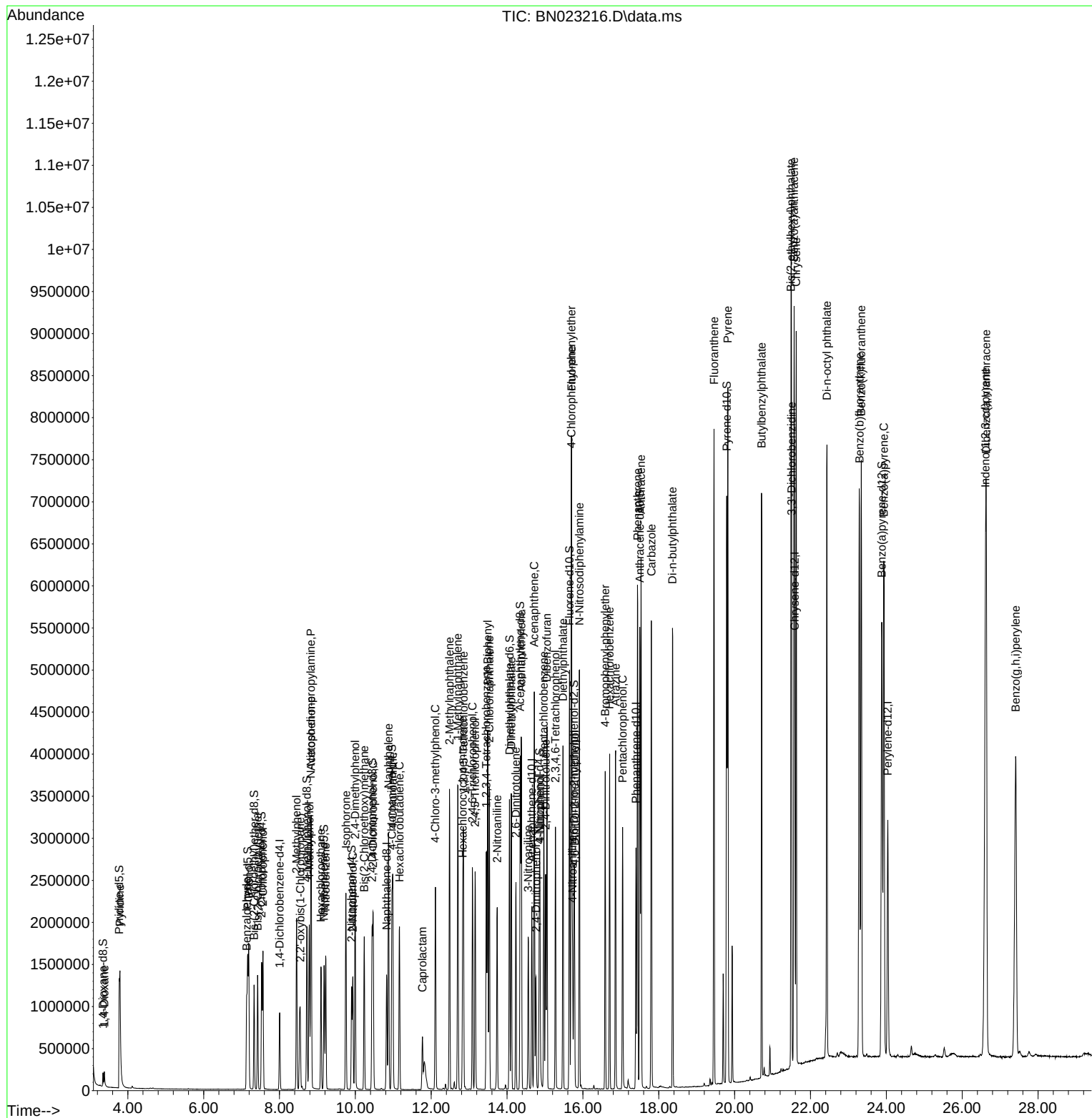
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37) 1-Methylnaphthalene	12.698	142	1677728	41.832	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.851	216	832997	43.647	ng/ul	98
40) Hexachlorocyclopentadiene	12.828	237	493170	44.259	ng/ul	99
41) 2,4,6-Trichlorophenol	13.087	196	581932	42.946	ng/ul	98
42) 2,4,5-Trichlorophenol	13.157	196	662113	46.142	ng/ul	99
43) 1,1'-Biphenyl	13.493	154	2196705	42.090	ng/ul	99
44) 2-Chloronaphthalene	13.534	162	1711406	42.082	ng/ul	98
45) 2-Nitroaniline	13.740	65	543053	36.769	ng/ul	97
47) Dimethylphthalate	14.110	163	2236497	41.144	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	473545	43.036	ng/ul	94
50) Acenaphthylene	14.375	152	2775995	43.607	ng/ul	99
51) 3-Nitroaniline	14.557	138	455494	38.445	ng/ul	97
52) Acenaphthene	14.716	153	1869217	41.385	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	274910	35.750	ng/ul	95
55) 4-Nitrophenol	14.869	109	378577	37.044	ng/ul	98
56) Dibenzofuran	15.051	168	2615382	43.825	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	682528	42.595	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.275	232	564913	45.967	ng/ul	99
59) Diethylphthalate	15.475	149	2227322	38.659	ng/ul	98
61) Fluorene	15.698	166	2104416	42.226	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.692	204	1023593	43.572	ng/ul	98
63) 4-Nitroaniline	15.728	138	464296	43.943	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.781	198	402347	37.378	ng/ul	98
67) N-Nitrosodiphenylamine	15.910	169	1874292	38.208	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	655786	40.646	ng/ul	97
69) Hexachlorobenzene	16.704	284	776374	41.165	ng/ul	99
70) Atrazine	16.863	200	701113	40.096	ng/ul	96
71) Pentachlorophenol	17.045	266	516819	43.129	ng/ul	97
72) Phenanthrene	17.439	178	3583001	40.573	ng/ul	99
74) Anthracene	17.534	178	3597578	40.219	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	828158	38.330	ng/ul	98
76) Pentachlorobenzene	14.969	250	832983	35.722	ng/ul	96
77) Carbazole	17.804	167	3437684	41.362	ng/ul	98
78) Di-n-butylphthalate	18.363	149	3989441	33.728	ng/ul	100
80) Fluoranthene	19.457	202	4389154	40.589	ng/ul	98
82) Pyrene	19.822	202	4479846	40.442	ng/ul	98
83) Butylbenzylphthalate	20.710	149	1992551	35.338	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	1607492	43.577	ng/ul	97
85) Benzo(a)anthracene	21.569	228	4588395	41.560	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	2831387	34.022	ng/ul	100
87) Chrysene	21.622	228	4340859	41.519	ng/ul	97
89) Di-n-octyl phthalate	22.433	149	5095136	29.274	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	5256567	39.195	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	4762717	37.412	ng/ul	99
93) Benzo(a)pyrene	23.933	252	4481651	39.424	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.615	276	5888927	45.550	ng/ul	99
95) Dibenzo(a,h)anthracene	26.633	278	4789880	41.336	ng/ul	97
96) Benzo(g,h,i)perylene	27.410	276	4765013	42.271	ng/ul	98

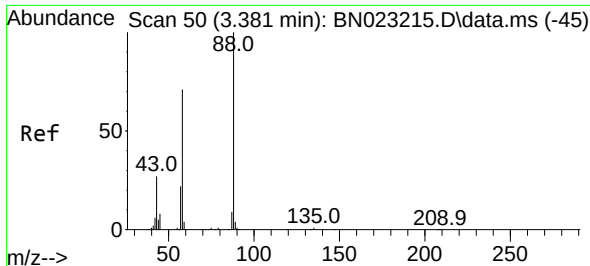
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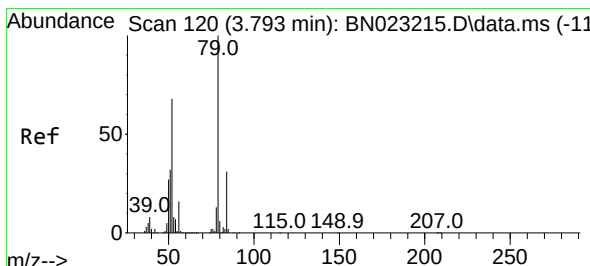
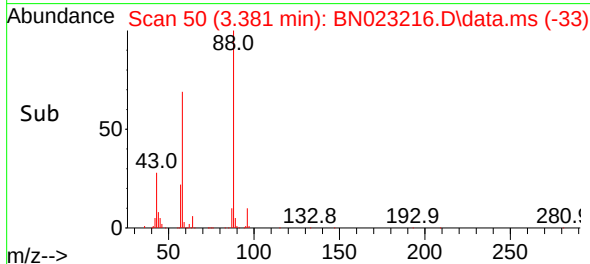
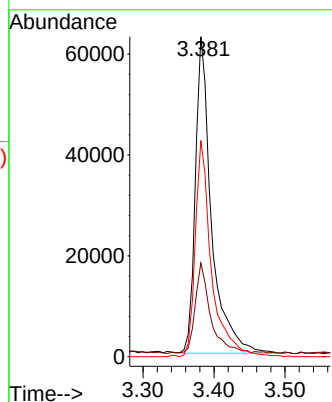
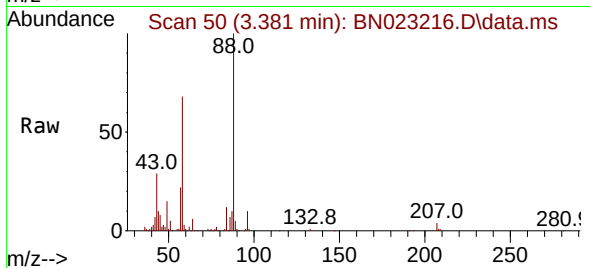




#2
 1,4-Dioxane
 Concen: 13.117 ng/uL
 RT: 3.381 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN023216.D
 Acq: 15 Dec 2022 14:55

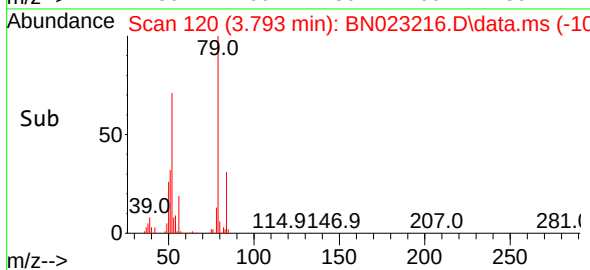
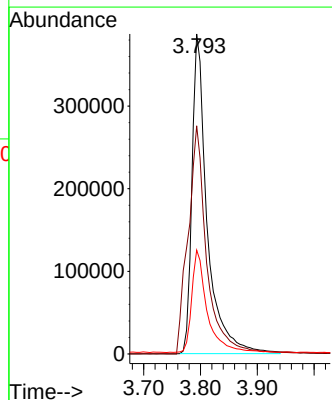
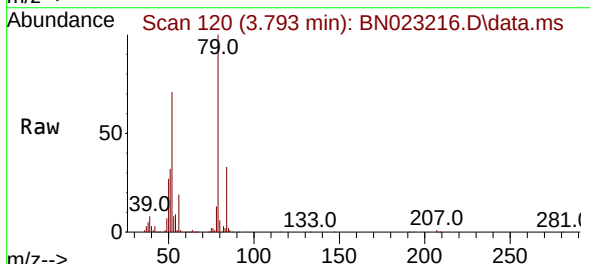
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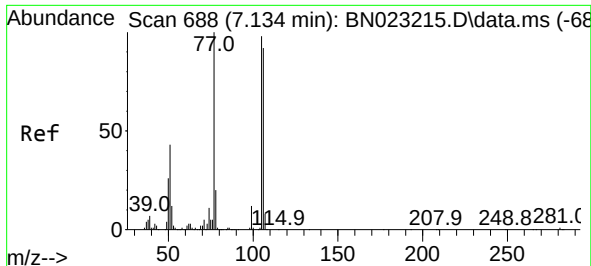
Tgt Ion: 88 Resp: 99286
 Ion Ratio Lower Upper
 88 100
 43 29.3 23.0 34.6
 58 67.6 55.8 83.6



#5
 Pyridine
 Concen: 36.210 ng/uL
 RT: 3.793 min Scan# 120
 Delta R.T. 0.000 min
 Lab File: BN023216.D
 Acq: 15 Dec 2022 14:55

Tgt Ion: 79 Resp: 722174
 Ion Ratio Lower Upper
 79 100
 52 71.3 56.7 85.1
 51 32.5 26.0 39.0

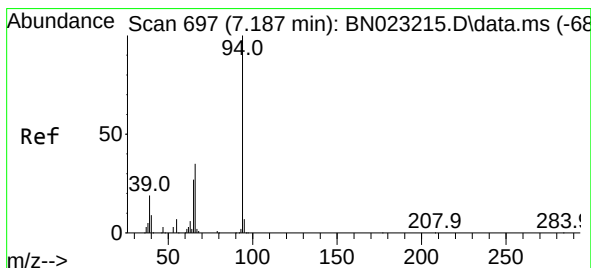
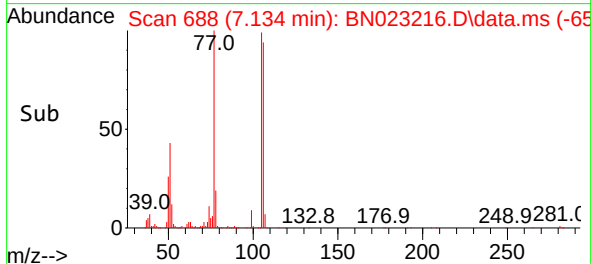
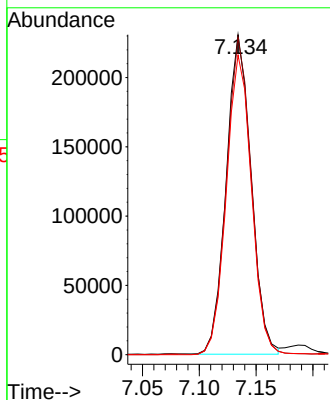
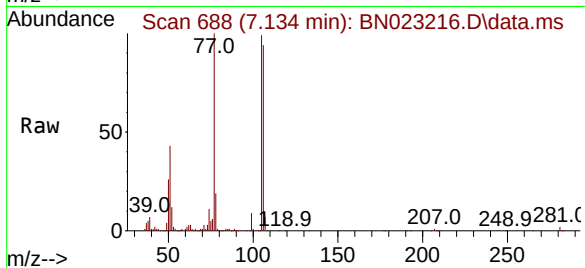




#6
Benzaldehyde
Concen: 30.334 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

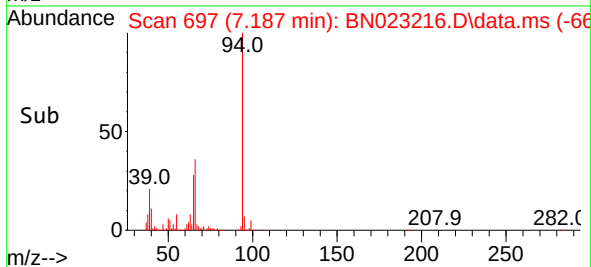
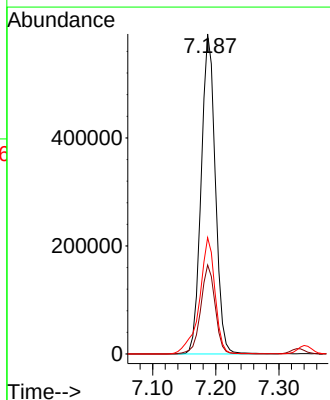
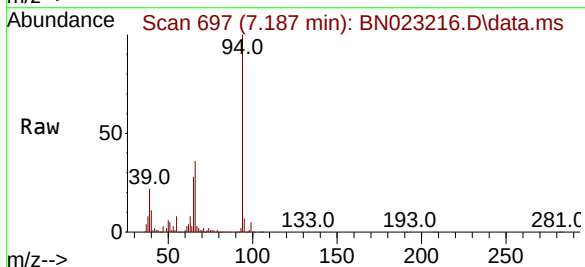
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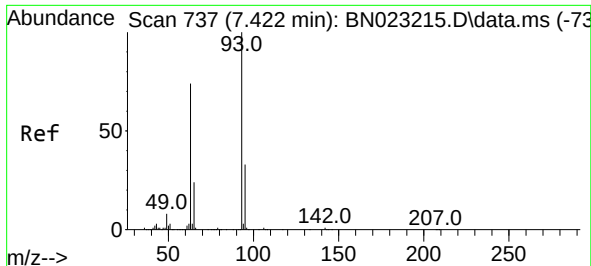
Tgt Ion: 77 Resp: 351989
Ion Ratio Lower Upper
77 100
105 99.1 78.0 117.0
106 93.6 73.2 109.8



#8
Phenol
Concen: 38.580 ng/ul
RT: 7.187 min Scan# 697
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion: 94 Resp: 921585
Ion Ratio Lower Upper
94 100
65 27.8 21.8 32.6
66 36.4 28.4 42.6

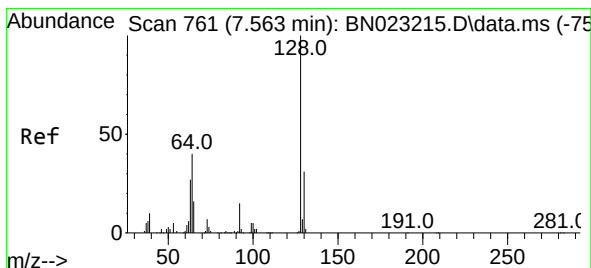
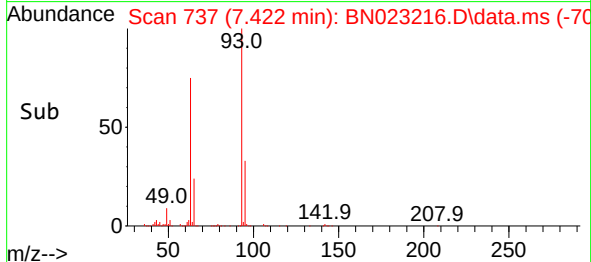
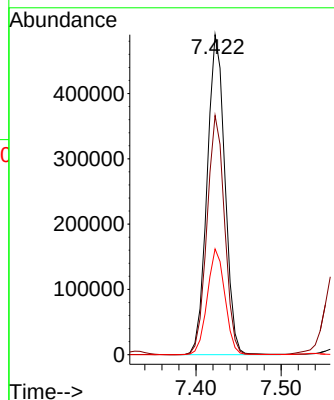
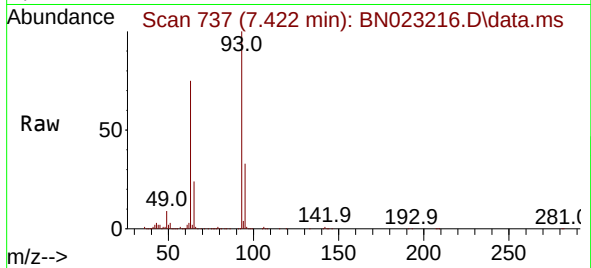




#10
Bis(2-Chloroethyl)ether
Concen: 38.195 ng/ul
RT: 7.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

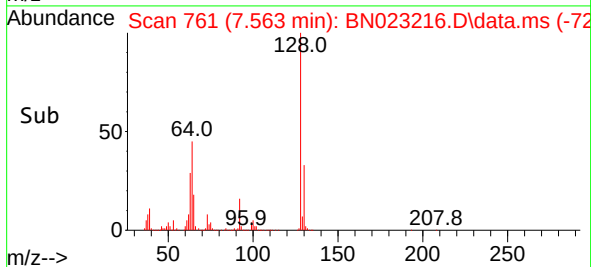
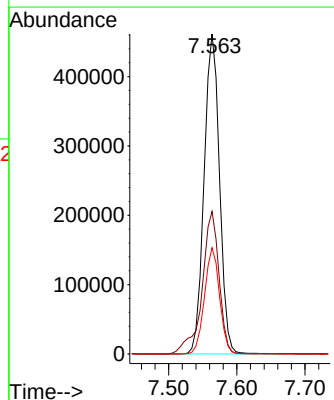
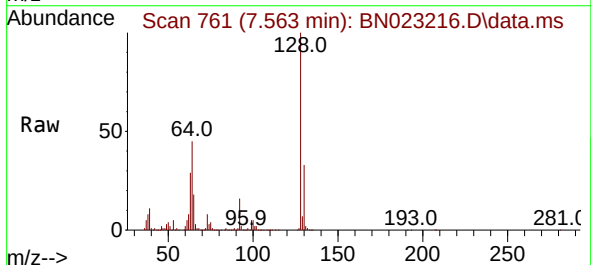
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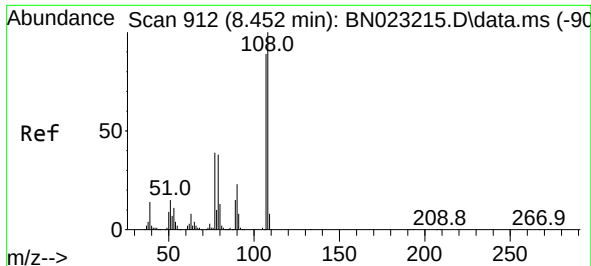
Tgt Ion: 93 Resp: 710954
Ion Ratio Lower Upper
93 100
63 74.7 58.9 88.3
95 33.0 26.2 39.4



#12
2-Chlorophenol
Concen: 40.485 ng/ul
RT: 7.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion: 128 Resp: 726101
Ion Ratio Lower Upper
128 100
64 44.5 34.0 51.0
130 33.2 25.0 37.4





#13

2-Methylphenol

Concen: 39.169 ng/ul

RT: 8.452 min Scan# 912

Delta R.T. 0.000 min

Lab File: BN023216.D

Acq: 15 Dec 2022 14:55

Instrument :

BNA_N

ClientSampleId :

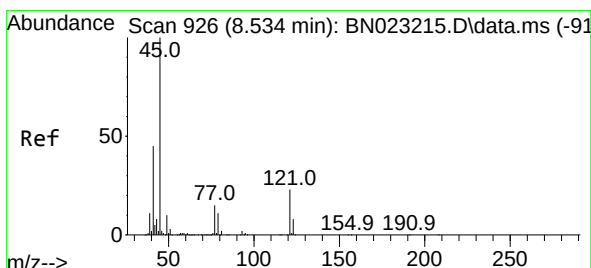
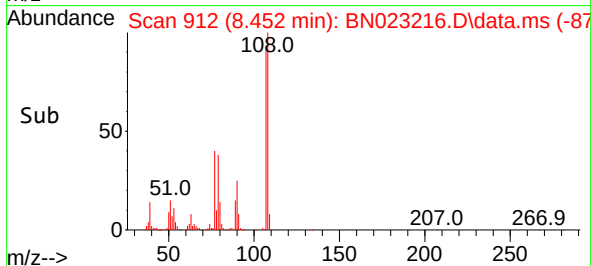
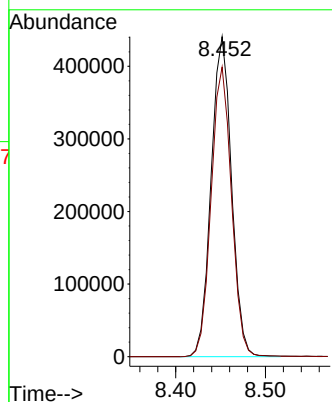
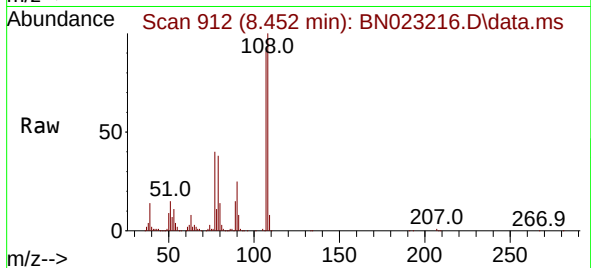
SSTD040213

Tgt Ion:108 Resp: 696440

Ion Ratio Lower Upper

108 100

107 90.5 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.461 ng/ul

RT: 8.546 min Scan# 928

Delta R.T. 0.012 min

Lab File: BN023216.D

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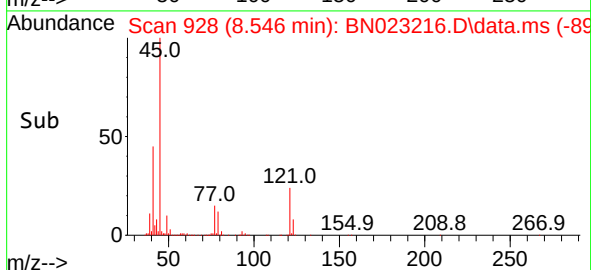
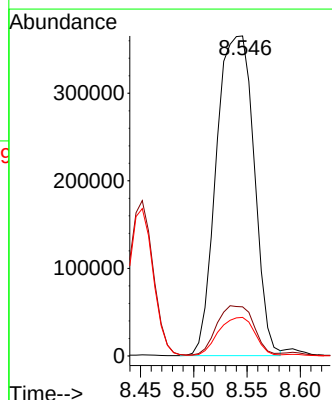
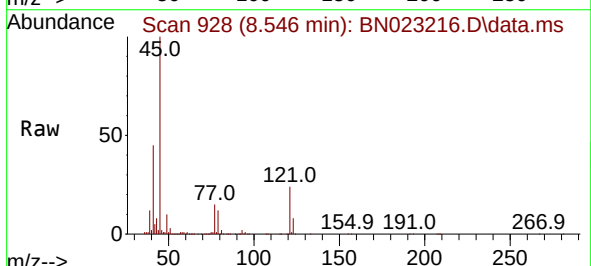
Tgt Ion: 45 Resp: 895874

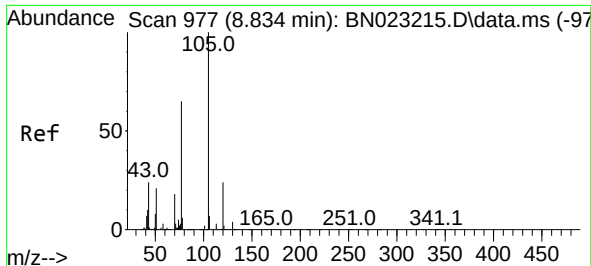
Ion Ratio Lower Upper

45 100

77 15.3 12.6 19.0

79 12.1 8.8 13.2

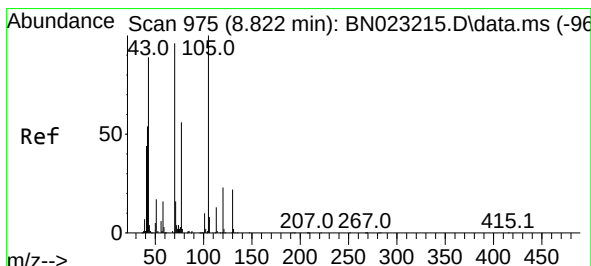
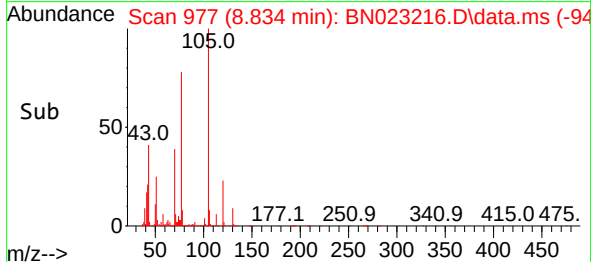
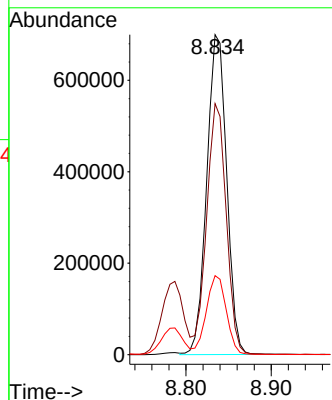
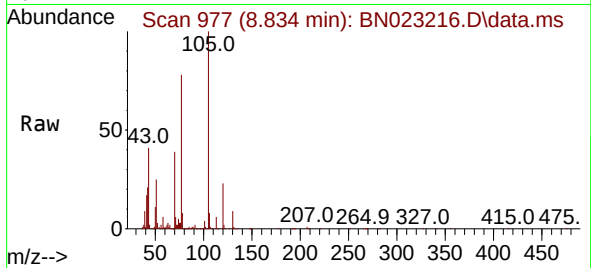




#16
 Acetophenone
 Concen: 39.302 ng/ul
 RT: 8.834 min Scan# 91
 Delta R.T. 0.000 min
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 Acq: 15 Dec 2022 14:55

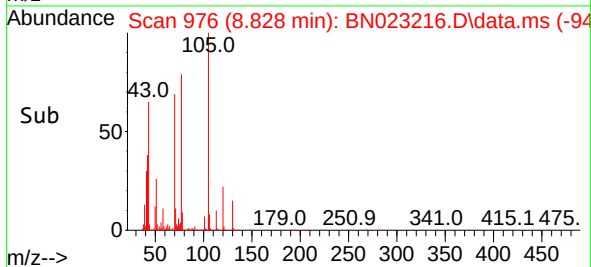
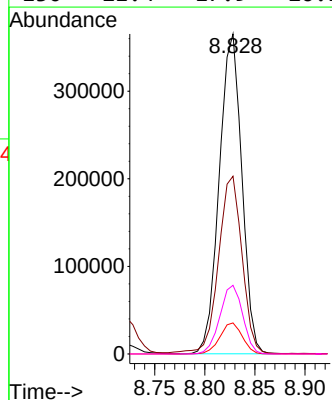
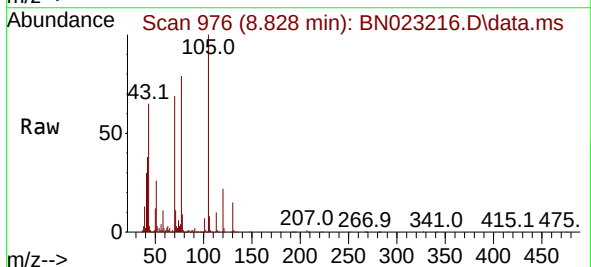
Instrument :
 BNA_N
 ClientSampleId :
 SST040213

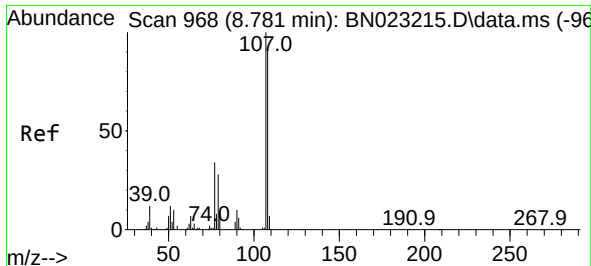
Tgt Ion:105 Resp: 1135810
 Ion Ratio Lower Upper
 105 100
 77 78.5 61.4 92.0
 51 24.7 20.0 30.0



#17
 N-Nitroso-di-n-propylamine
 Concen: 37.031 ng/ul
 RT: 8.828 min Scan# 976
 Delta R.T. 0.006 min
 Lab File: BN023216.D
 Acq: 15 Dec 2022 14:55

Tgt Ion: 70 Resp: 570360
 Ion Ratio Lower Upper
 70 100
 42 55.6 45.3 67.9
 101 9.7 8.1 12.1
 130 21.4 17.9 26.9

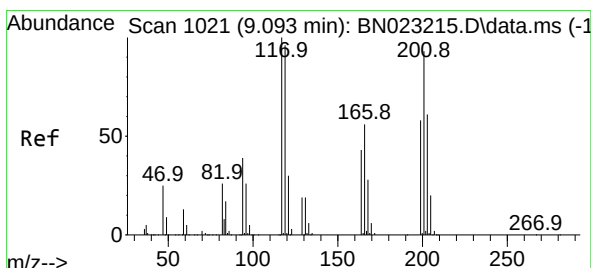
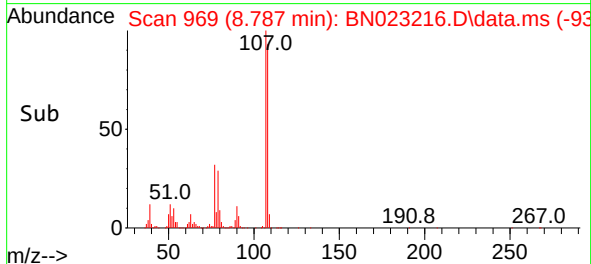
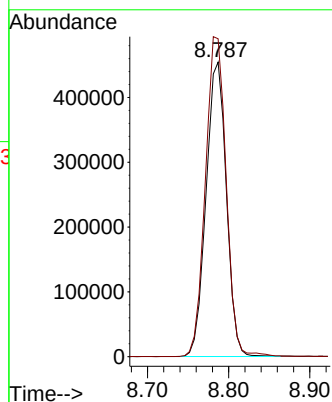
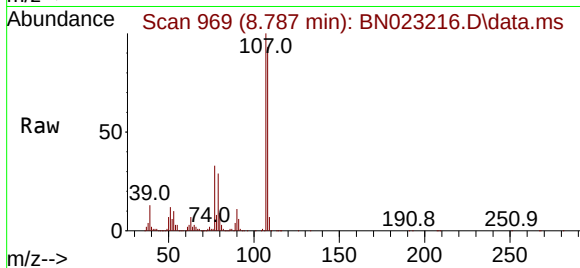




#18
4-Methylphenol
Concen: 40.920 ng/ul
RT: 8.787 min Scan# 968
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

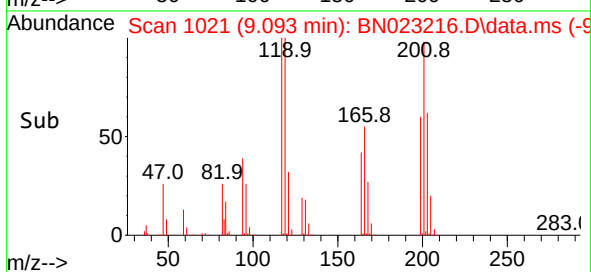
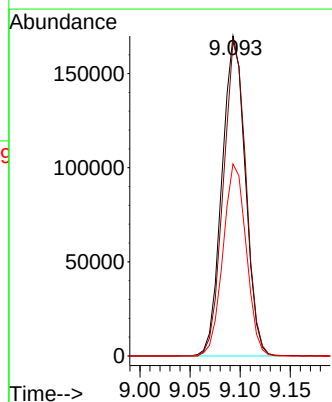
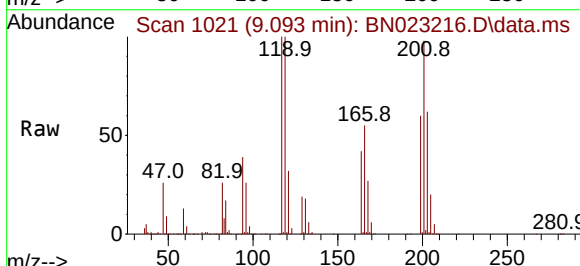
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BNA_N
ClientSampleId :
SSTD040213

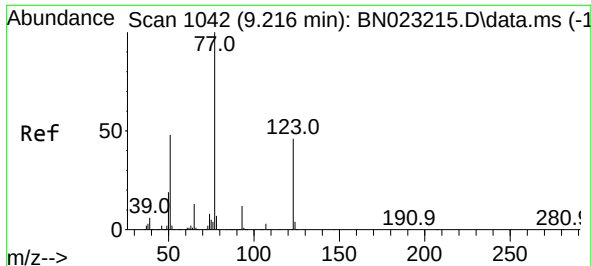
Tgt Ion:108 Resp: 790026
Ion Ratio Lower Upper
108 100
107 107.9 87.6 131.4



#19
Hexachloroethane
Concen: 36.172 ng/ul
RT: 9.093 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:117 Resp: 274666
Ion Ratio Lower Upper
117 100
201 98.3 74.6 111.8
199 60.0 46.3 69.5

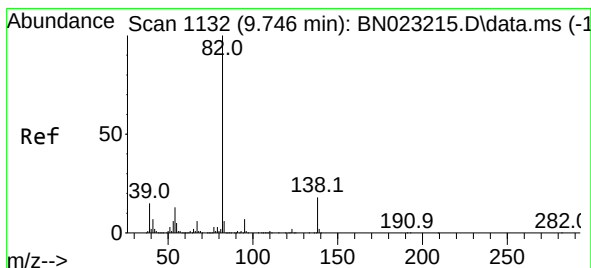
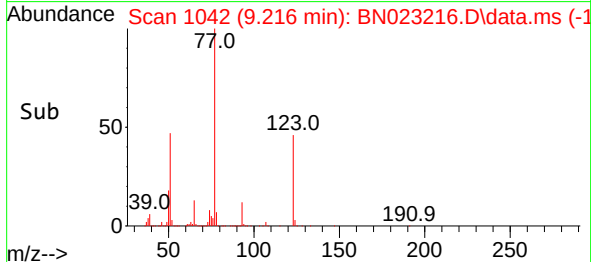
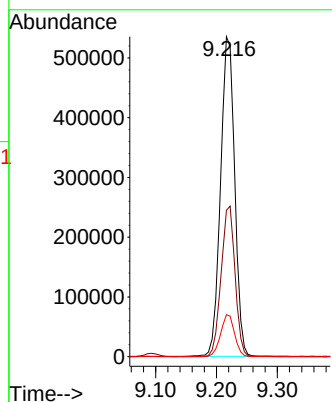
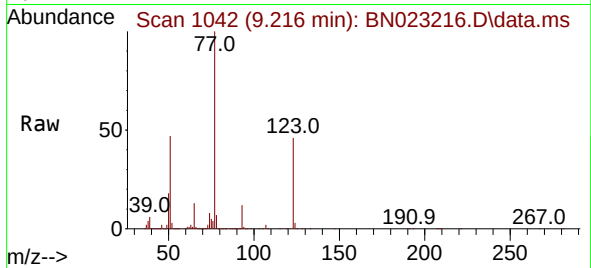




#22
Nitrobenzene
Concen: 37.236 ng/ul
RT: 9.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

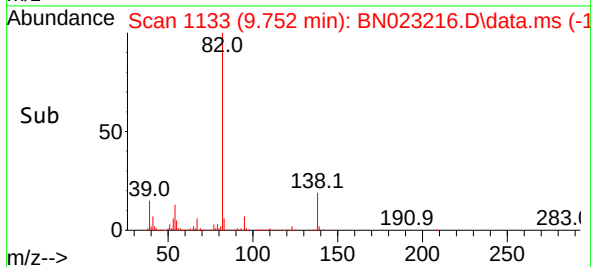
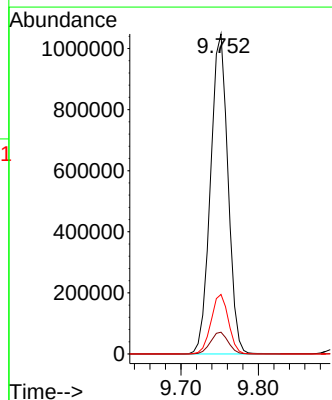
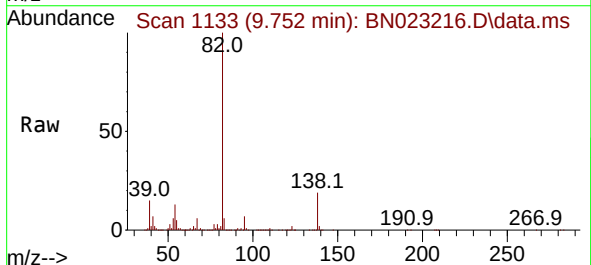
Instrument :
BNA_N
ClientSampleId :
SSTD040213

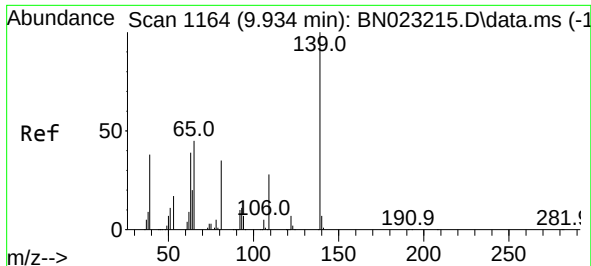
Tgt Ion: 77 Resp: 864020
Ion Ratio Lower Upper
77 100
123 45.8 37.1 55.7
65 13.1 10.1 15.1



#23
Isophorone
Concen: 36.917 ng/ul
RT: 9.752 min Scan# 1133
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion: 82 Resp: 1638584
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.6 14.5 21.7

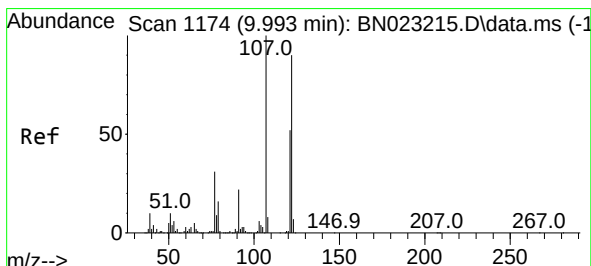
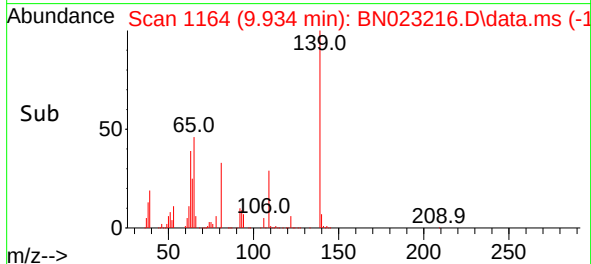
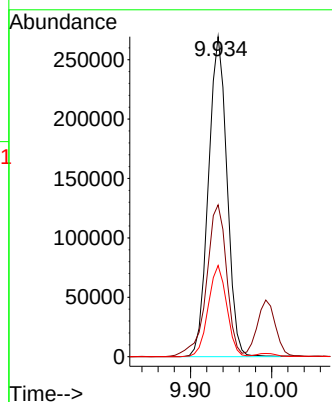
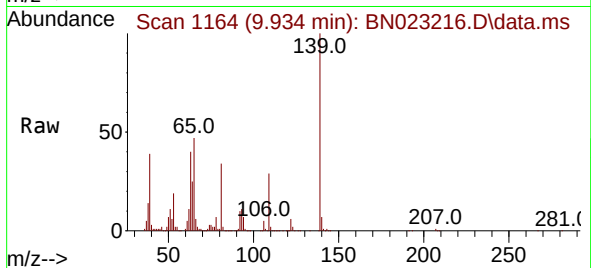




#25
2-Nitrophenol
Concen: 40.690 ng/ul
RT: 9.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

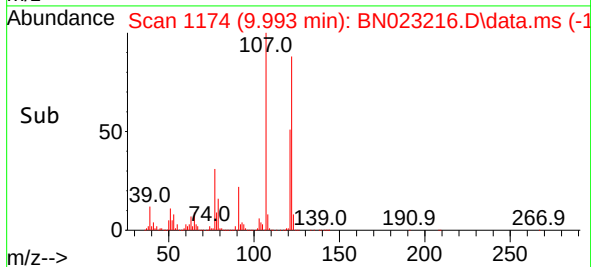
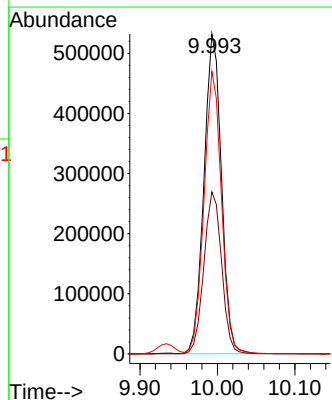
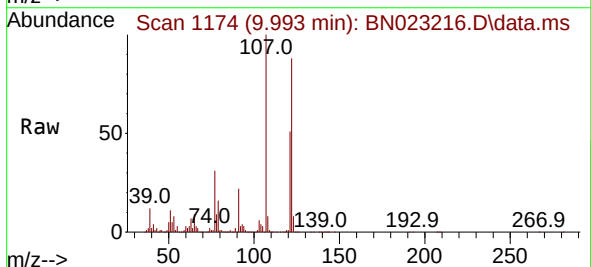
Instrument :
BNA_N
ClientSampleId :
SSTD040213

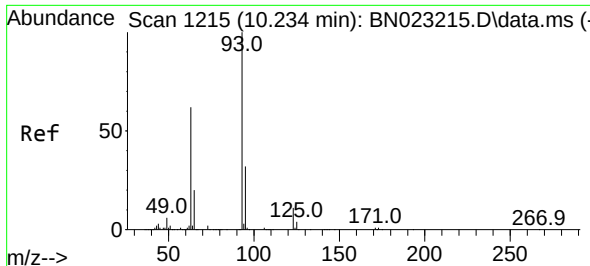
Tgt Ion:139 Resp: 427512
Ion Ratio Lower Upper
139 100
65 47.5 37.7 56.5
109 28.5 22.6 34.0



#26
2,4-Dimethylphenol
Concen: 36.962 ng/ul
RT: 9.993 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:107 Resp: 833032
Ion Ratio Lower Upper
107 100
121 50.7 41.3 61.9
122 88.3 72.1 108.1

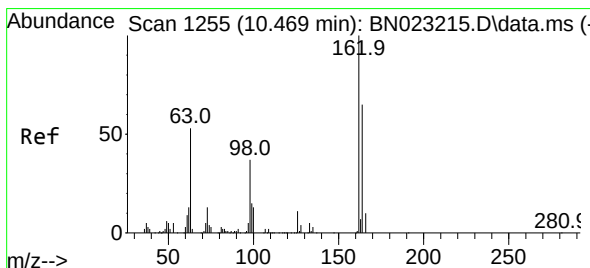
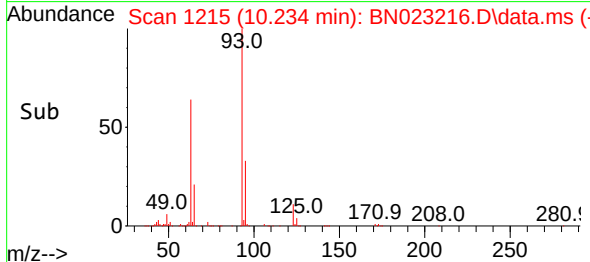
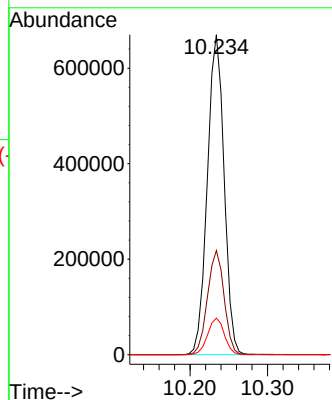
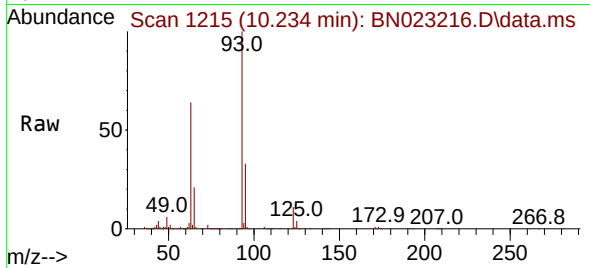




#27
 Bis(2-Chloroethoxy)methane
 Concen: 39.298 ng/ul
 RT: 10.234 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: BN023216.D
 Acq: 15 Dec 2022 14:55

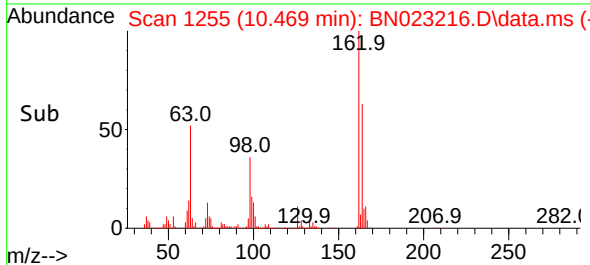
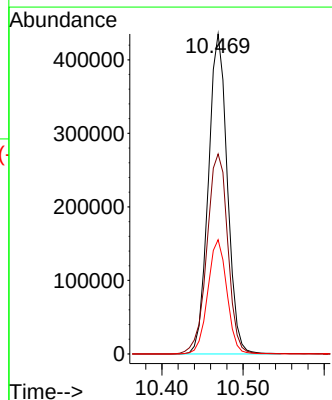
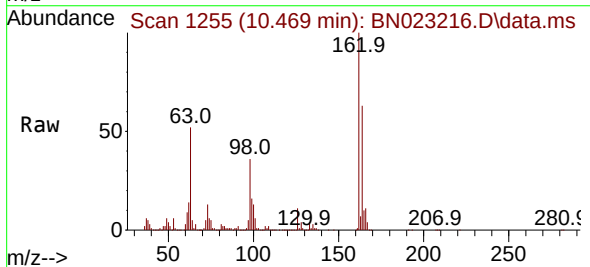
Instrument :
 BNA_N
 ClientSampleId :
 SST040213

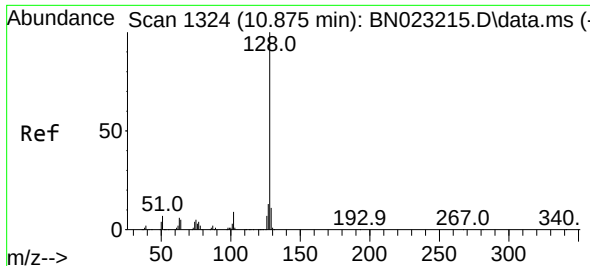
Tgt Ion: 93 Resp: 1005871
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.8 38.6
 123 11.4 9.0 13.4



#29
 2,4-Dichlorophenol
 Concen: 42.600 ng/ul
 RT: 10.469 min Scan# 1255
 Delta R.T. 0.000 min
 Lab File: BN023216.D
 Acq: 15 Dec 2022 14:55

Tgt Ion: 162 Resp: 705401
 Ion Ratio Lower Upper
 162 100
 164 62.5 52.1 78.1
 98 35.7 29.3 43.9

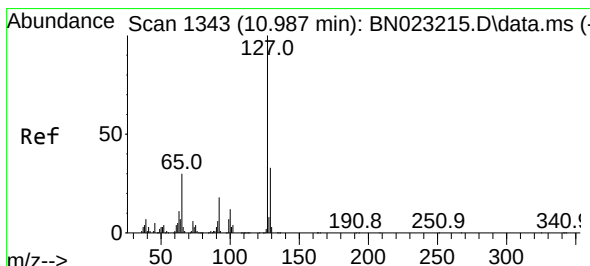
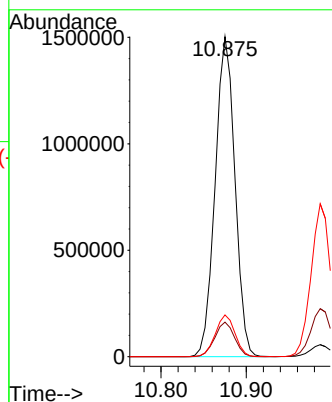
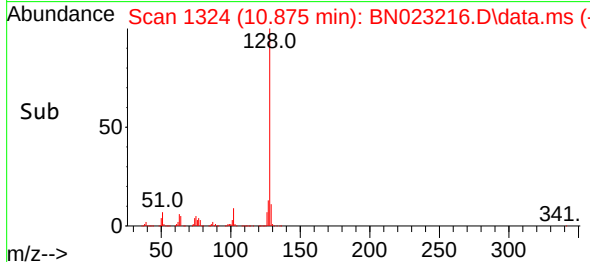
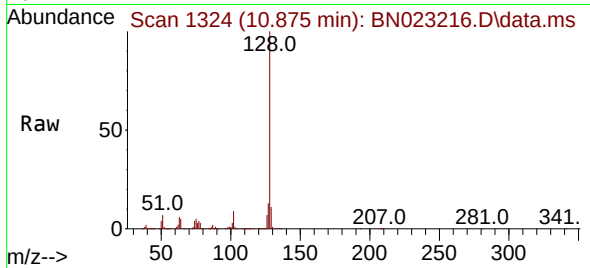




#30
Naphthalene
Concen: 41.242 ng/ul
RT: 10.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

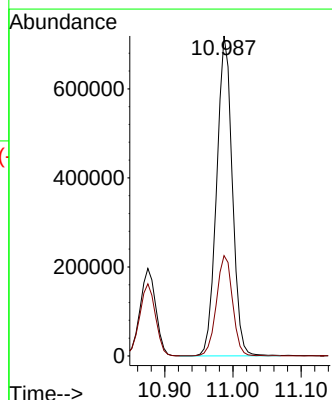
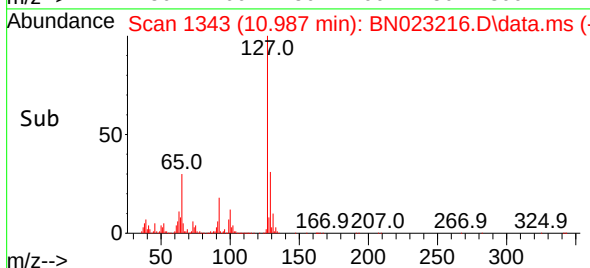
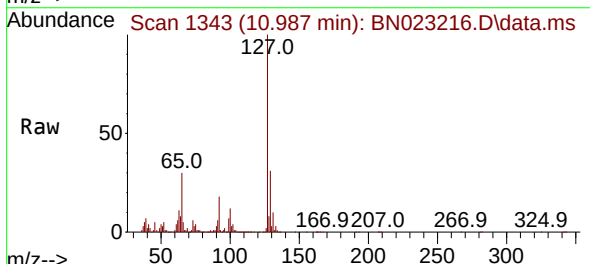
Instrument :
BNA_N
ClientSampleId :
SSTD040213

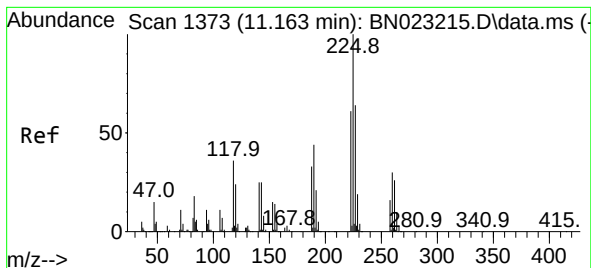
Tgt Ion:128 Resp: 2422105
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 44.303 ng/ul
RT: 10.987 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:127 Resp: 1148159
Ion Ratio Lower Upper
127 100
129 31.4 26.2 39.4





#33

Hexachlorobutadiene

Concen: 38.349 ng/ul

RT: 11.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN023216.D

Acq: 15 Dec 2022 14:55

Instrument :

BNA_N

ClientSampleId :

SSTD040213

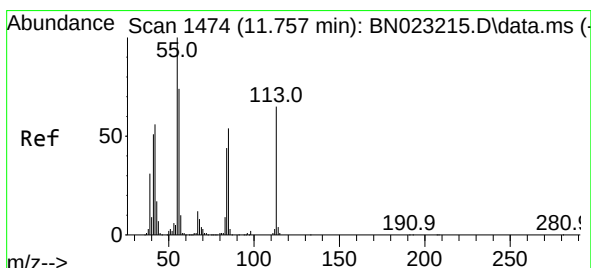
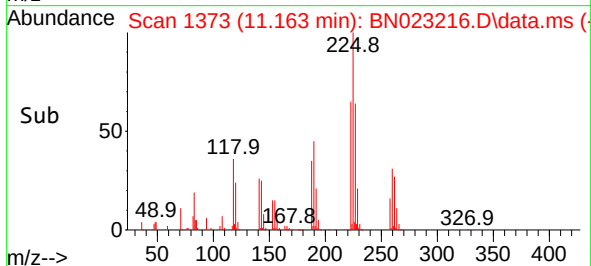
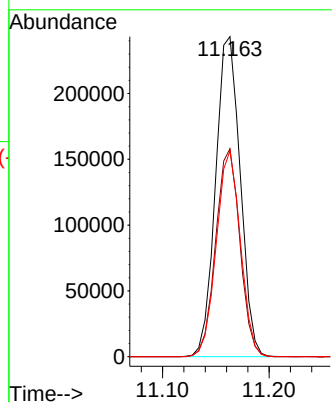
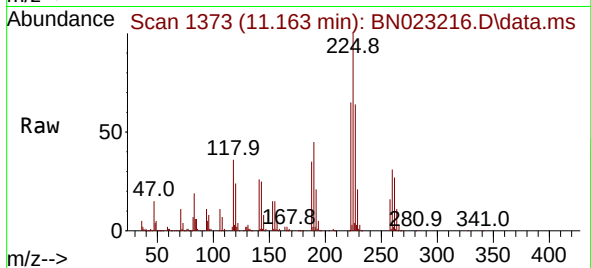
Tgt Ion:225 Resp: 390864

Ion Ratio Lower Upper

225 100

223 65.0 48.9 73.3

227 64.3 51.0 76.4



#34

Caprolactam

Concen: 20.711 ng/ul

RT: 11.769 min Scan# 1476

Delta R.T. 0.012 min

Lab File: BN023216.D

Acq: 15 Dec 2022 14:55

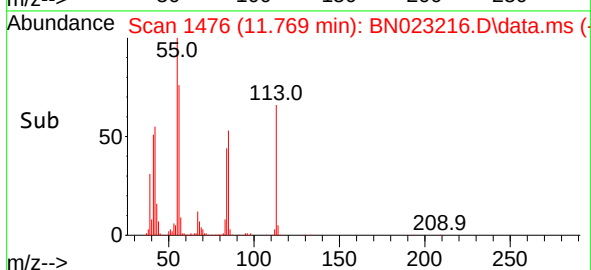
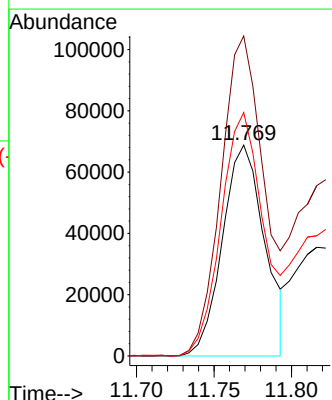
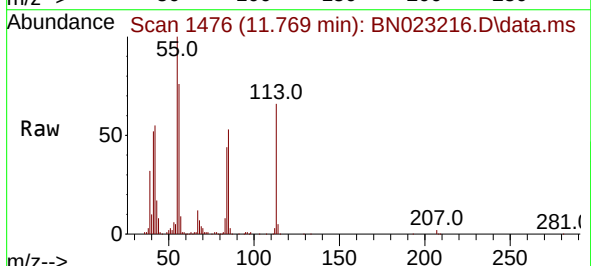
Tgt Ion:113 Resp: 130108

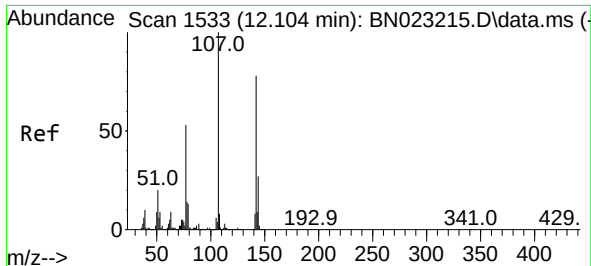
Ion Ratio Lower Upper

113 100

55 151.7 123.7 185.5

56 115.4 91.7 137.5

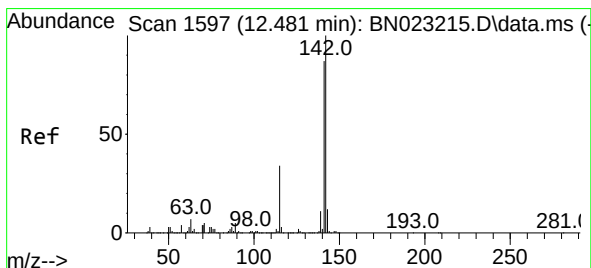
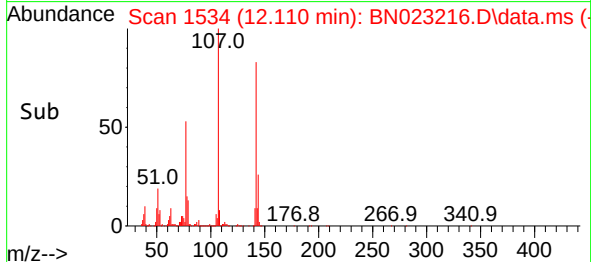
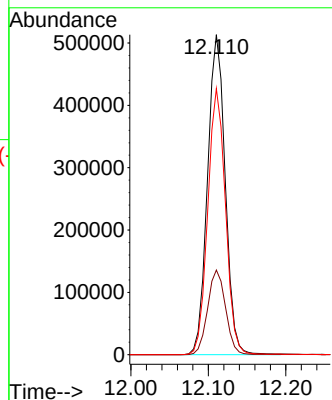
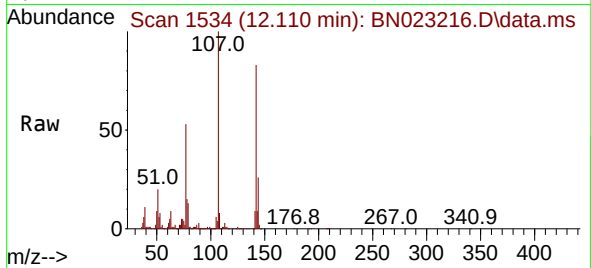




#35
4-Chloro-3-methylphenol
Concen: 37.725 ng/ul
RT: 12.110 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

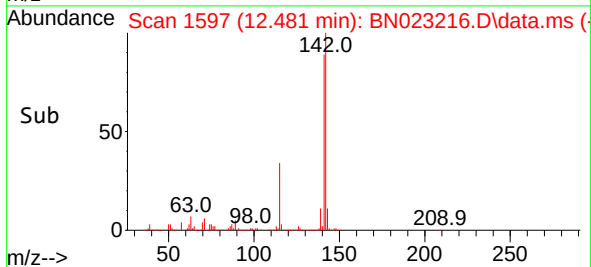
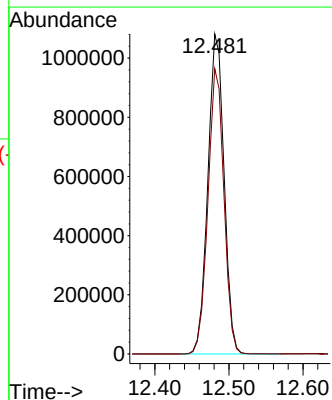
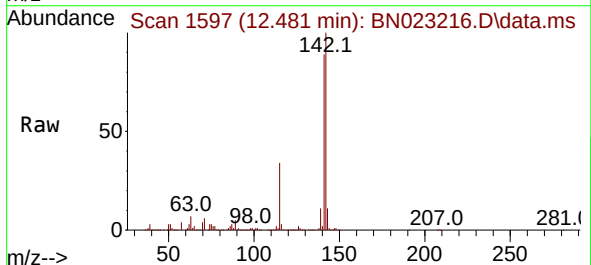
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BNA_N
ClientSampleId :
SSTD040213

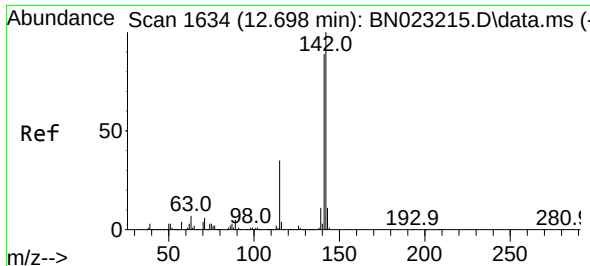
Tgt Ion:107 Resp: 814703
Ion Ratio Lower Upper
107 100
144 26.5 21.8 32.6
142 83.1 62.6 94.0



#36
2-Methylnaphthalene
Concen: 41.046 ng/ul
RT: 12.481 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:142 Resp: 1642171
Ion Ratio Lower Upper
142 100
141 89.1 69.9 104.9

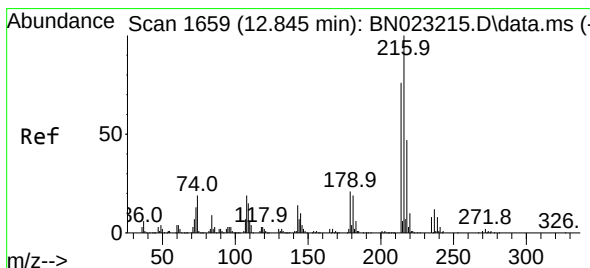
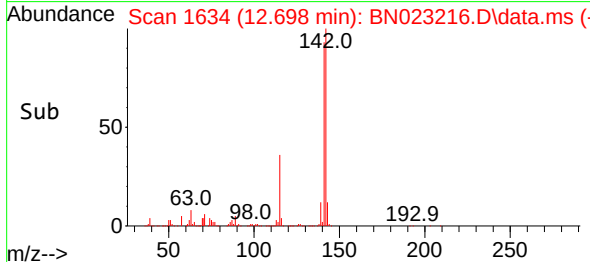
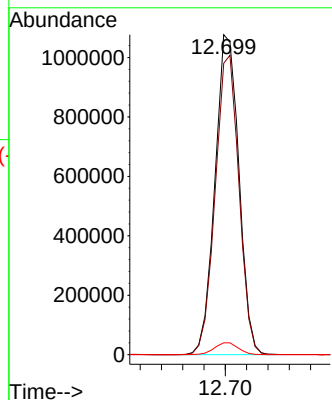
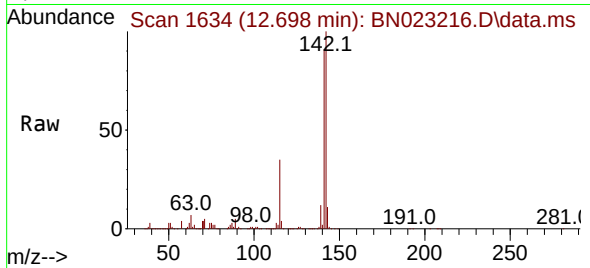




#37
1-Methylnaphthalene
Concen: 41.832 ng/ul
RT: 12.698 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

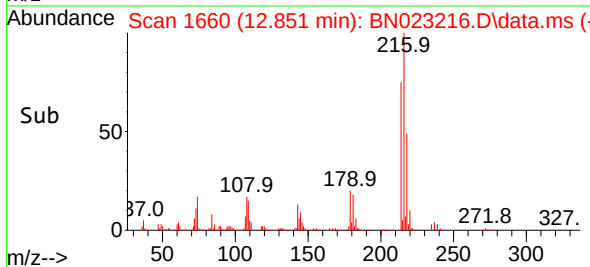
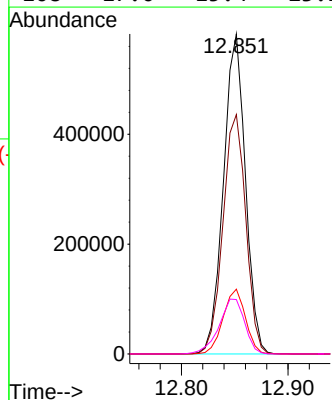
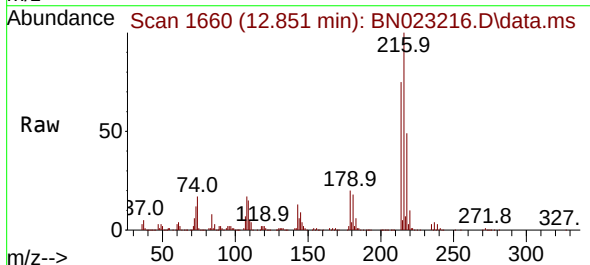
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ClientSampleId :
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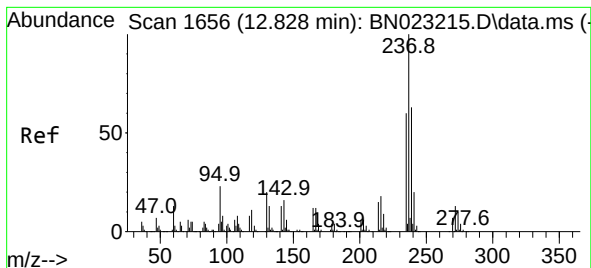
Tgt Ion:142 Resp: 1677728
Ion Ratio Lower Upper
142 100
141 91.1 70.9 106.3
116 3.7 3.0 4.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.647 ng/ul
RT: 12.851 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:216 Resp: 832997
Ion Ratio Lower Upper
216 100
214 74.8 61.1 91.7
179 20.3 16.6 24.8
108 17.0 15.4 23.2





#40

Hexachlorocyclopentadiene

Concen: 44.259 ng/ul

RT: 12.828 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN023216.D

Acq: 15 Dec 2022 14:55

Instrument :

BNA_N

ClientSampleId :

SSTD040213

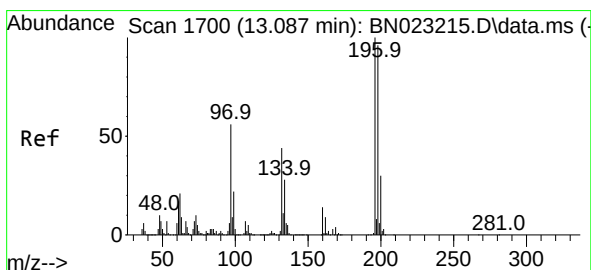
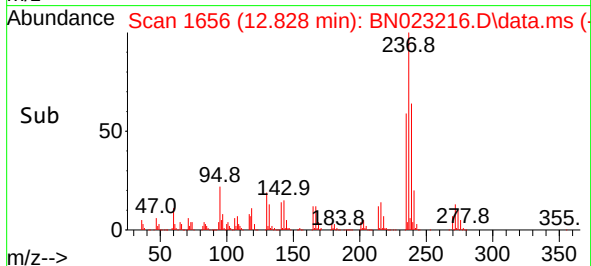
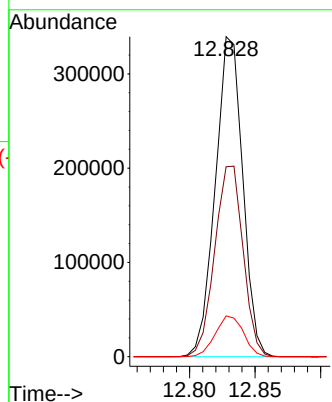
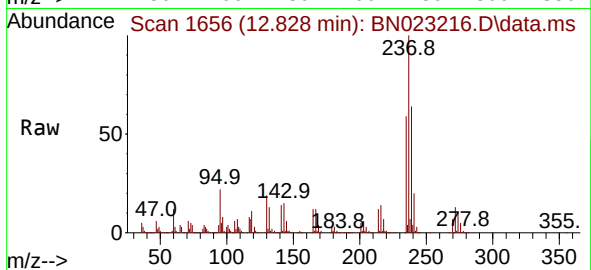
Tgt Ion:237 Resp: 493170

Ion Ratio Lower Upper

237 100

235 59.3 48.1 72.1

272 12.8 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 42.946 ng/ul

RT: 13.087 min Scan# 1700

Delta R.T. 0.000 min

Lab File: BN023216.D

Acq: 15 Dec 2022 14:55

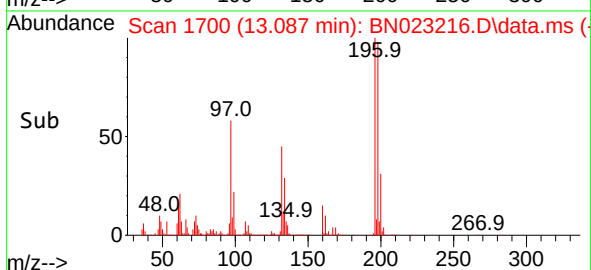
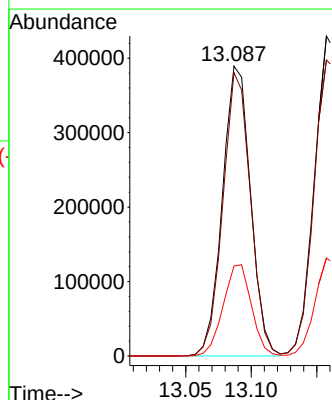
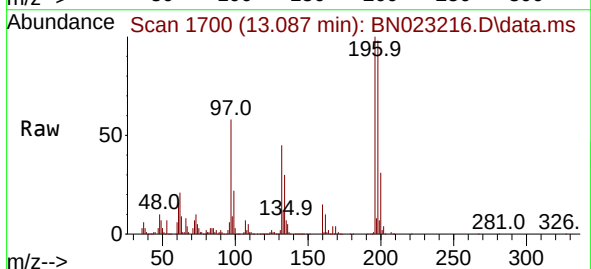
Tgt Ion:196 Resp: 581932

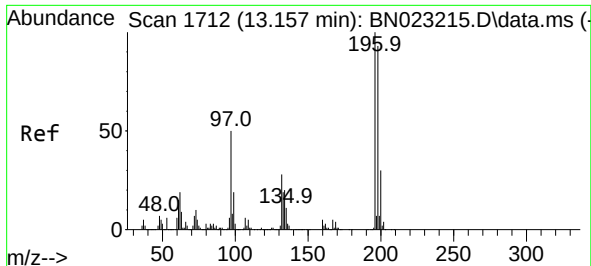
Ion Ratio Lower Upper

196 100

198 97.8 76.9 115.3

200 31.1 23.8 35.6

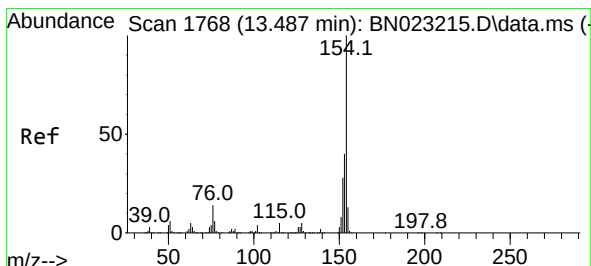
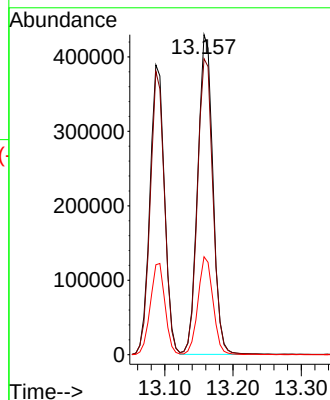
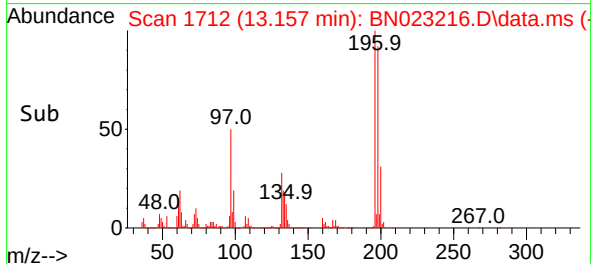
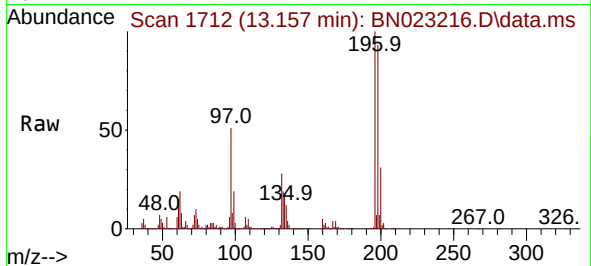




#42
2,4,5-Trichlorophenol
Concen: 46.142 ng/ul
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

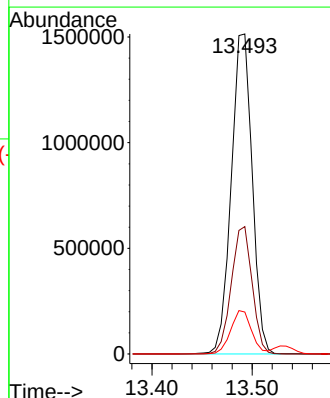
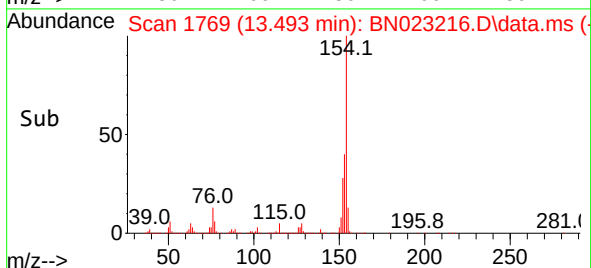
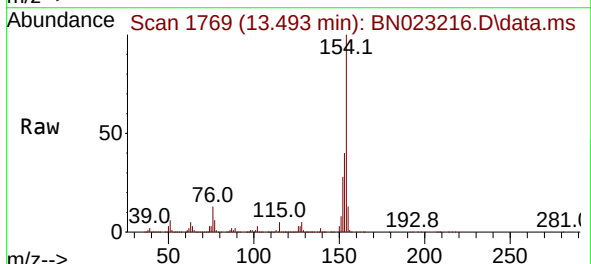
Instrument :
BNA_N
ClientSampleId :
SSTD040213

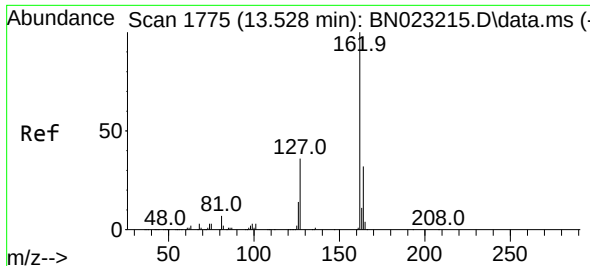
Tgt Ion:196 Resp: 662113
Ion Ratio Lower Upper
196 100
198 92.5 74.8 112.2
200 30.6 24.2 36.2



#43
1,1'-Biphenyl
Concen: 42.090 ng/ul
RT: 13.493 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:154 Resp: 2196705
Ion Ratio Lower Upper
154 100
153 39.8 32.0 48.0
76 13.1 11.0 16.4

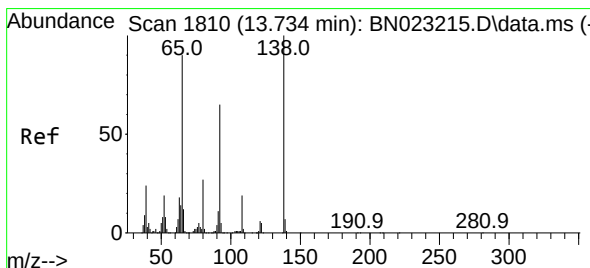
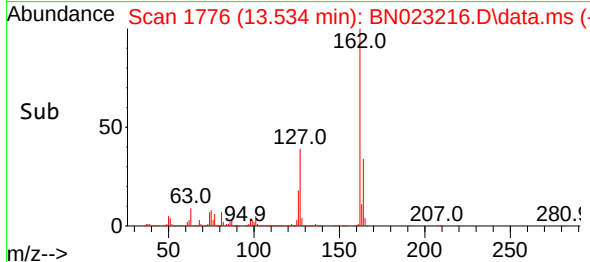
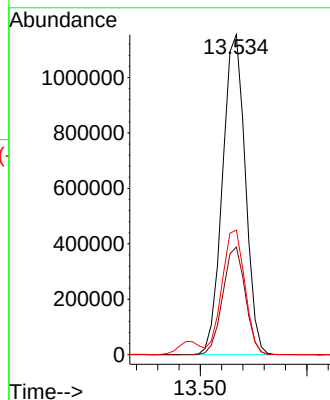
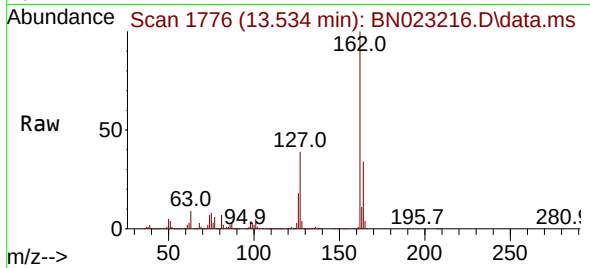




#44
2-Chloronaphthalene
Concen: 42.082 ng/ul
RT: 13.534 min Scan# 1775
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

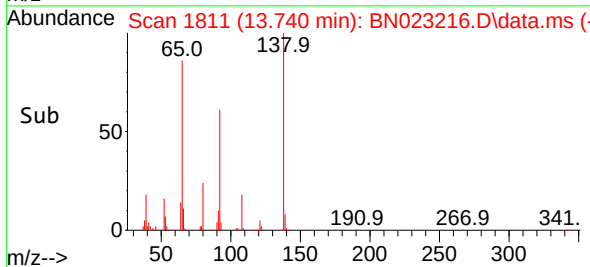
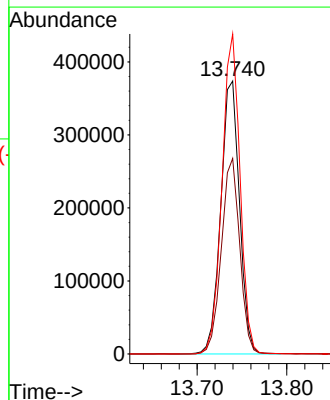
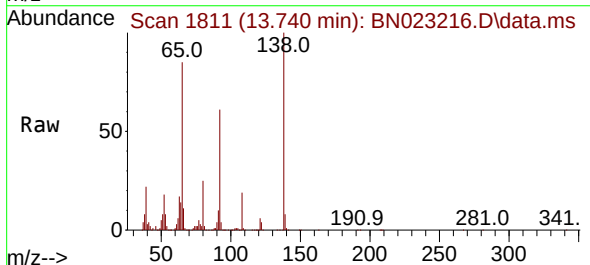
Instrument :
BNA_N
ClientSampleId :
SSTD040213

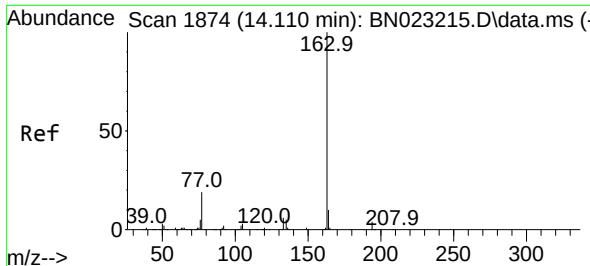
Tgt Ion:162 Resp: 1711406
Ion Ratio Lower Upper
162 100
164 33.6 25.4 38.0
127 39.0 31.8 47.8



#45
2-Nitroaniline
Concen: 36.769 ng/ul
RT: 13.740 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion: 65 Resp: 543053
Ion Ratio Lower Upper
65 100
92 71.6 57.4 86.2
138 117.2 89.0 133.6

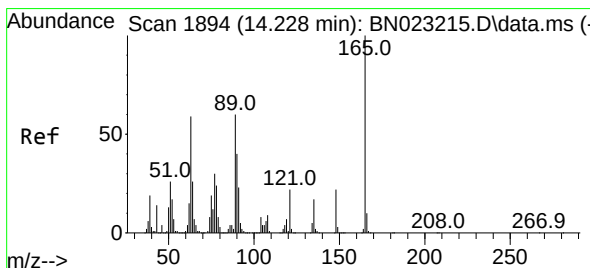
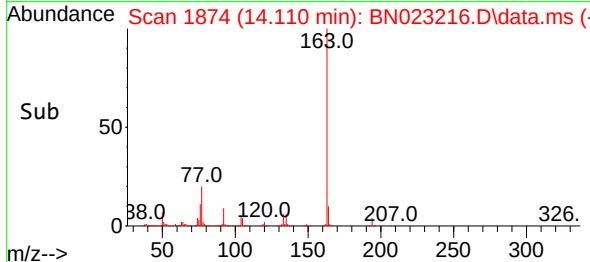
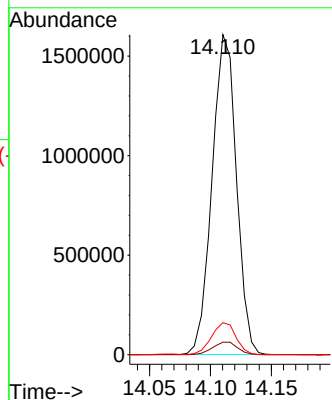
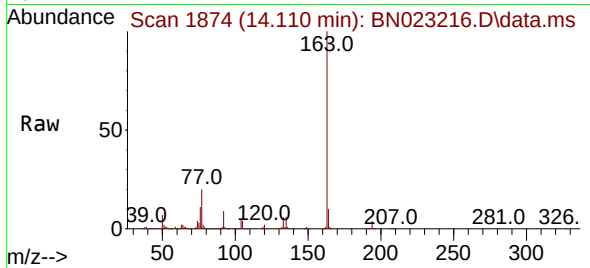




#47
Dimethylphthalate
Concen: 41.144 ng/ul
RT: 14.110 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

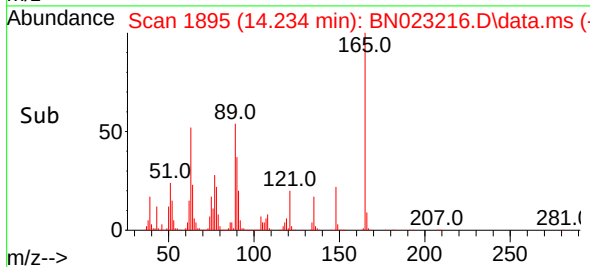
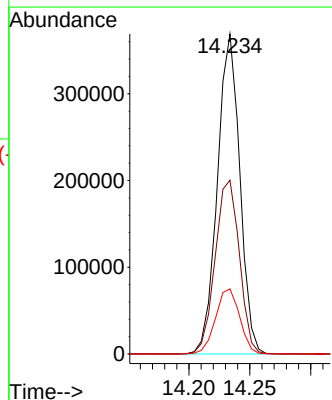
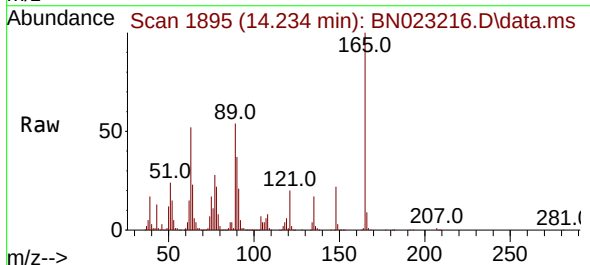
Instrument :
BNA_N
ClientSampleId :
SSTD040213

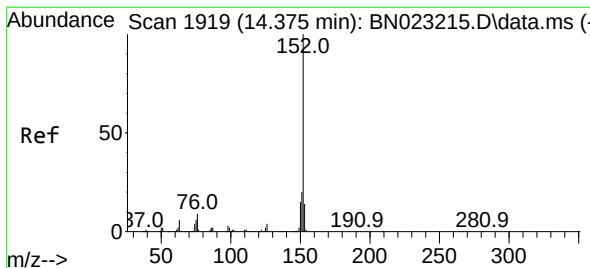
Tgt Ion:163 Resp: 2236497
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 43.036 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:165 Resp: 473545
Ion Ratio Lower Upper
165 100
89 54.3 47.7 71.5
121 20.3 17.8 26.8





#50

Acenaphthylene

Concen: 43.607 ng/ul

RT: 14.375 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BN023216.D

Acq: 15 Dec 2022 14:55

Instrument :

BNA_N

ClientSampleId :

SSTD040213

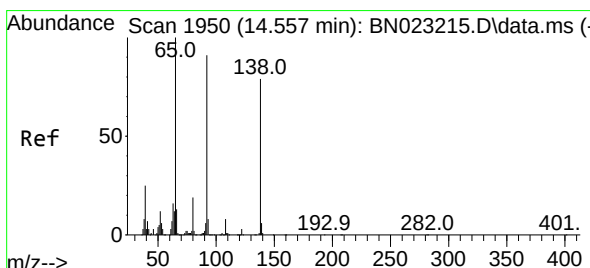
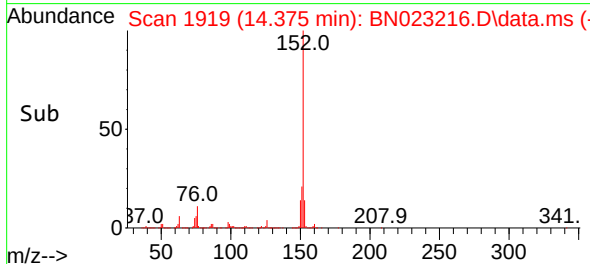
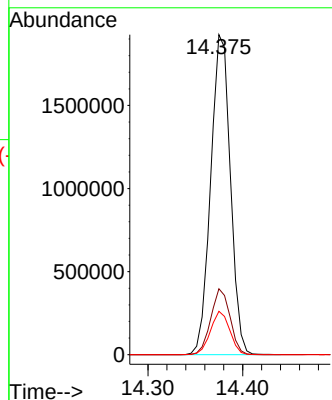
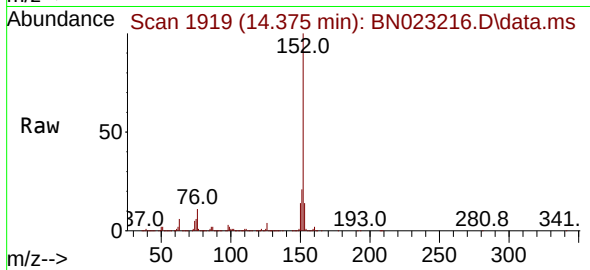
Tgt Ion:152 Resp: 2775995

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.6 11.4 17.0



#51

3-Nitroaniline

Concen: 38.445 ng/ul

RT: 14.557 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BN023216.D

Acq: 15 Dec 2022 14:55

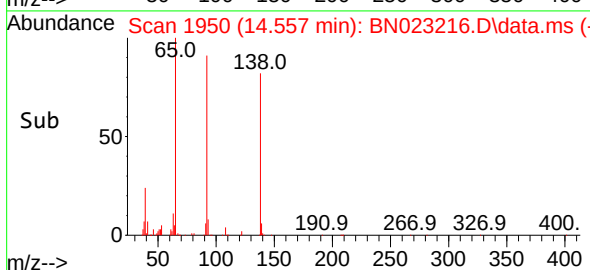
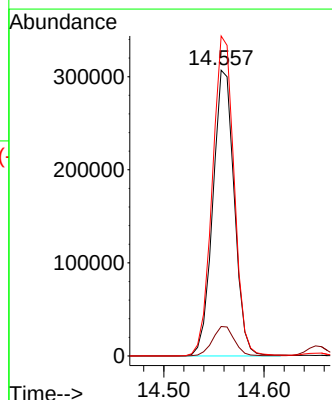
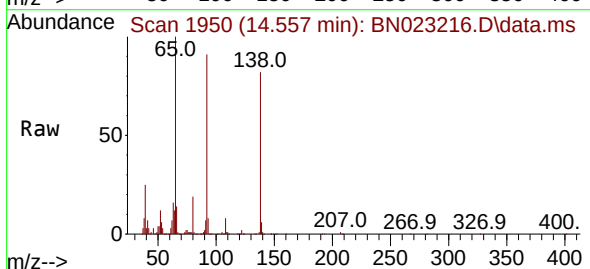
Tgt Ion:138 Resp: 455494

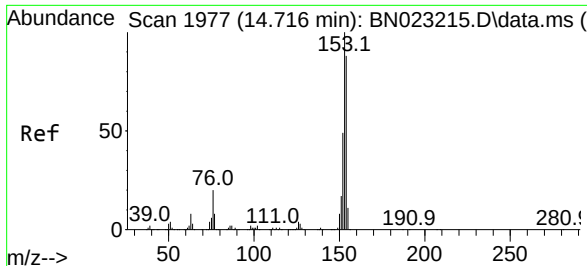
Ion Ratio Lower Upper

138 100

108 10.3 8.3 12.5

92 112.0 92.5 138.7

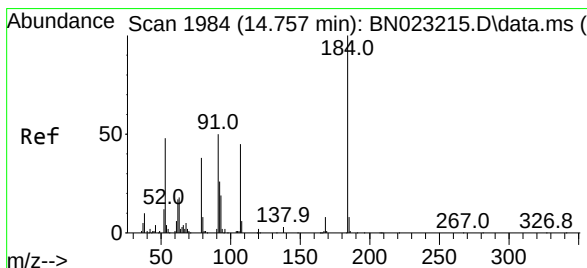
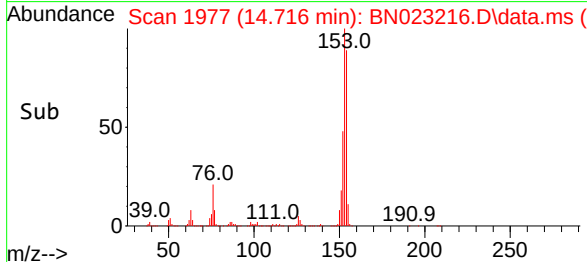
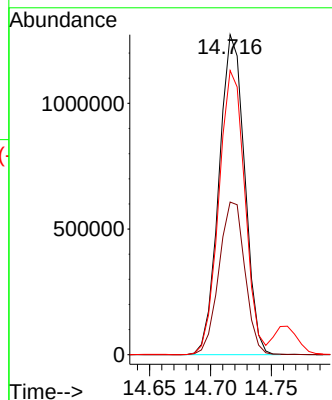
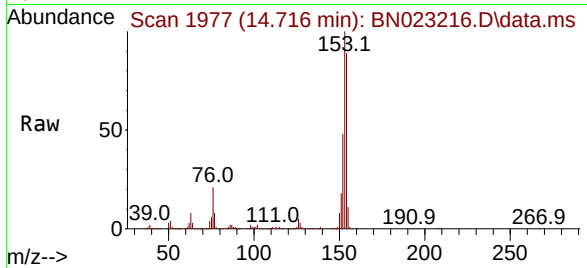




#52
Acenaphthene
Concen: 41.385 ng/ul
RT: 14.716 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

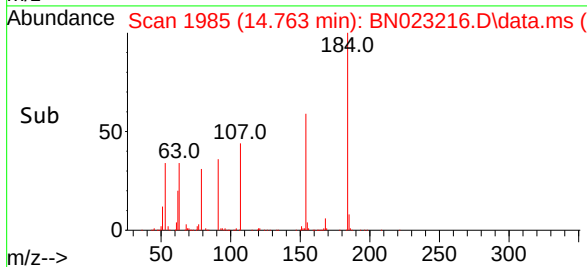
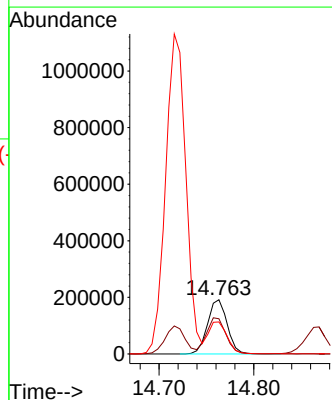
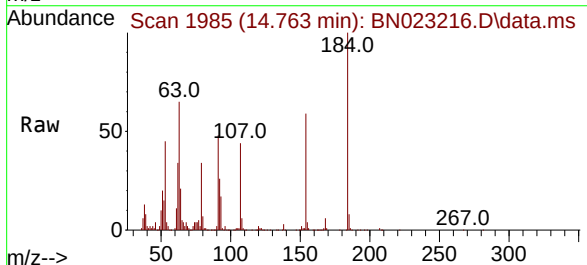
Instrument :
BNA_N
ClientSampleId :
SSTD040213

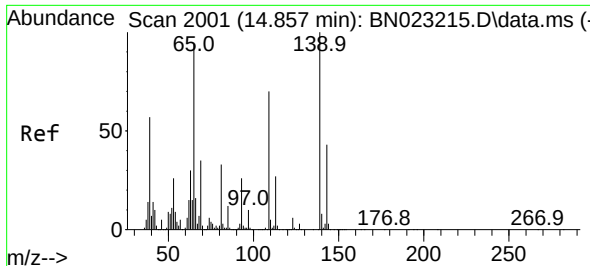
Tgt Ion:153 Resp: 1869217
Ion Ratio Lower Upper
153 100
152 47.7 38.9 58.3
154 88.8 70.5 105.7



#53
2,4-Dinitrophenol
Concen: 35.750 ng/ul
RT: 14.763 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:184 Resp: 274910
Ion Ratio Lower Upper
184 100
63 64.8 57.1 85.7
154 59.1 47.7 71.5

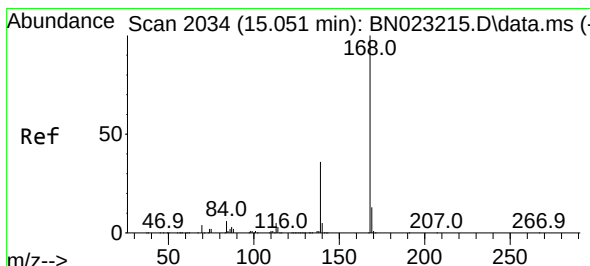
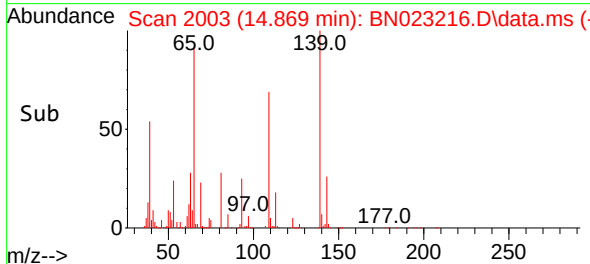
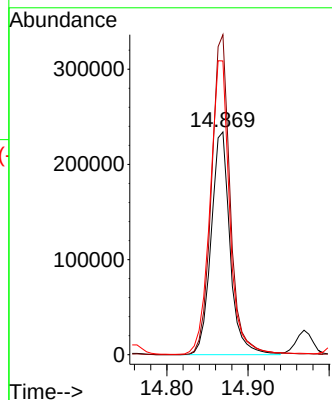
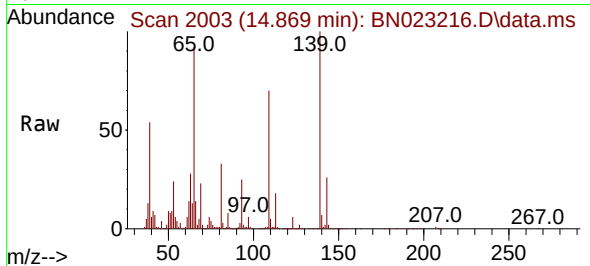




#55
4-Nitrophenol
Concen: 37.044 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.012 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

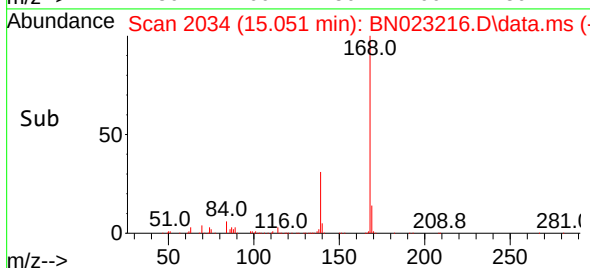
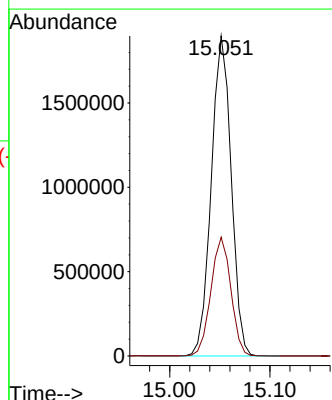
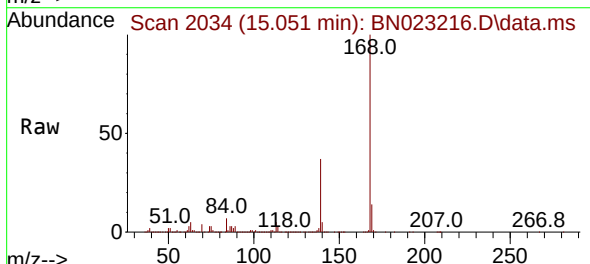
Instrument :
BNA_N
ClientSampleId :
SSTD040213

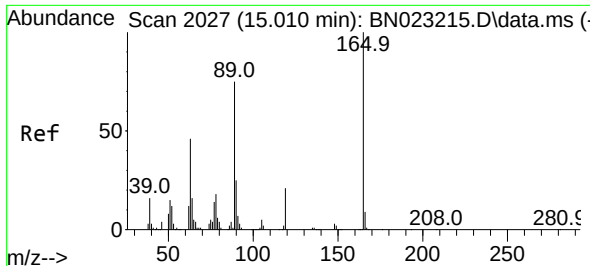
Tgt Ion:109 Resp: 378577
Ion Ratio Lower Upper
109 100
139 143.6 115.2 172.8
65 131.9 109.0 163.4



#56
Dibenzofuran
Concen: 43.825 ng/ul
RT: 15.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:168 Resp: 2615382
Ion Ratio Lower Upper
168 100
139 37.1 29.2 43.8

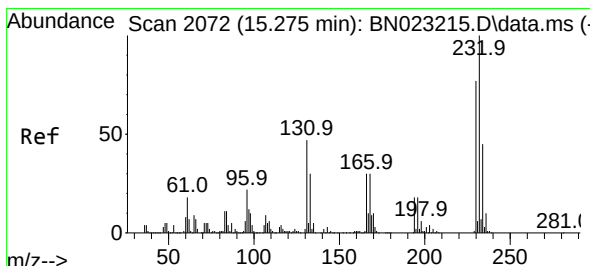
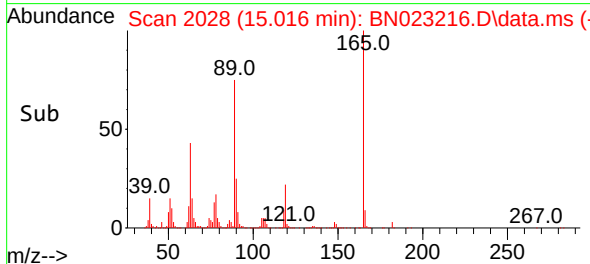
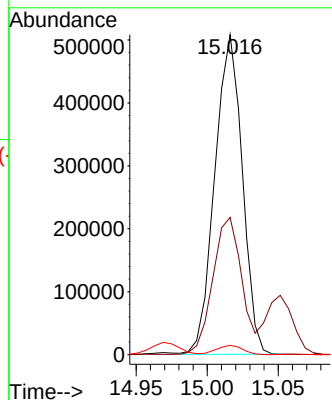
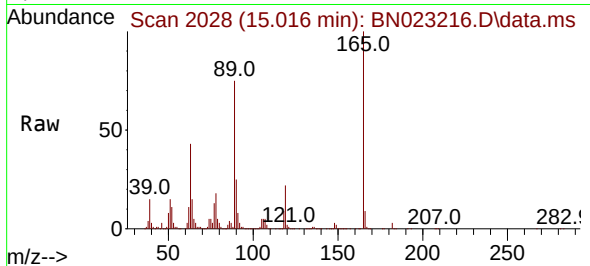




#57
2,4-Dinitrotoluene
Concen: 42.595 ng/ul
RT: 15.016 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

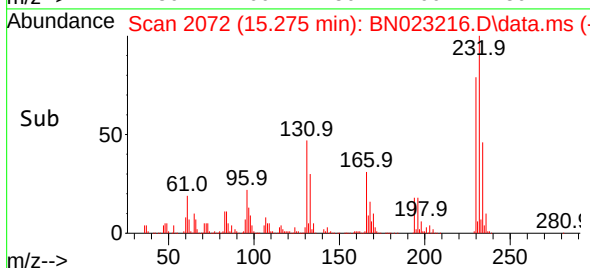
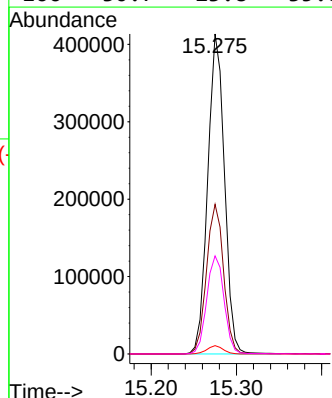
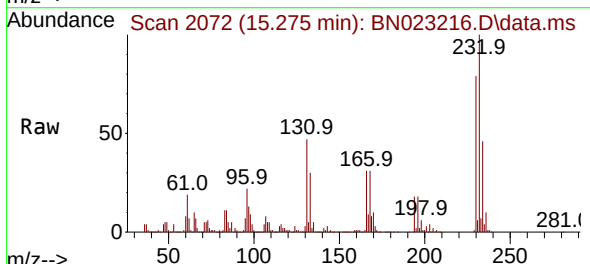
Instrument :
BNA_N
ClientSampleId :
SSTD040213

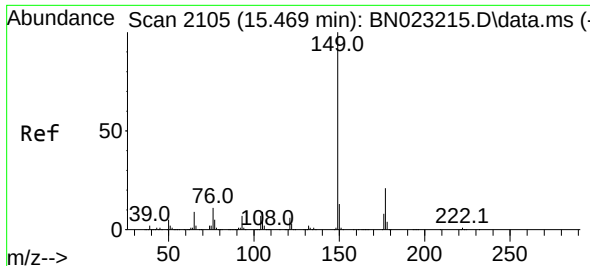
Tgt Ion:165 Resp: 682528
Ion Ratio Lower Upper
165 100
63 42.9 36.6 54.8
182 2.9 2.5 3.7



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.967 ng/ul
RT: 15.275 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:232 Resp: 564913
Ion Ratio Lower Upper
232 100
131 46.7 37.9 56.9
130 2.6 1.9 2.9
166 30.7 23.8 35.8

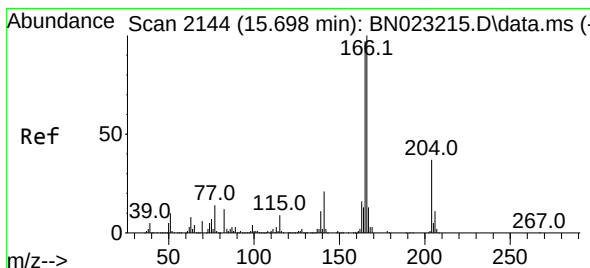
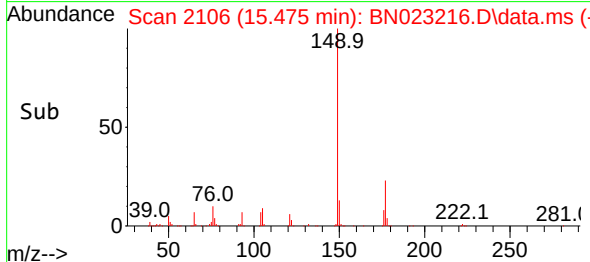
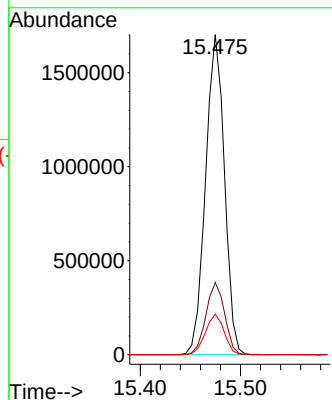
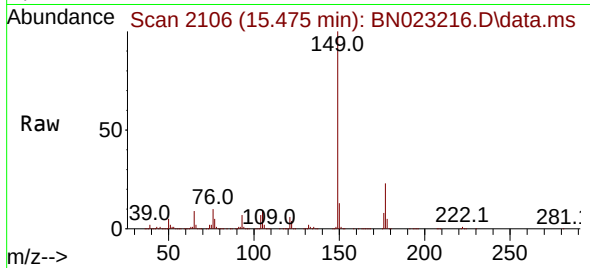




#59
Diethylphthalate
Concen: 38.659 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

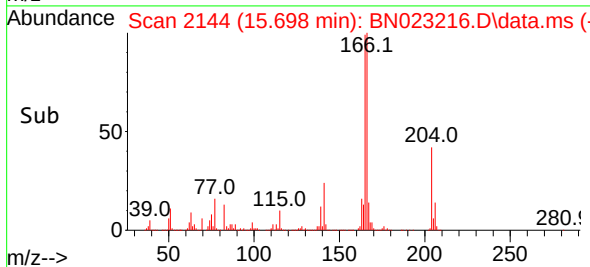
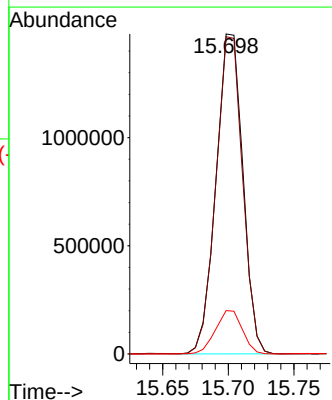
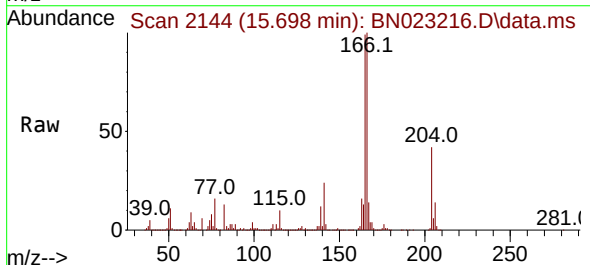
Instrument :
BNA_N
ClientSampleId :
SSTD040213

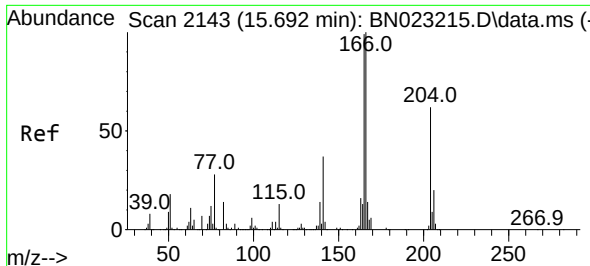
Tgt Ion:149 Resp: 2227322
Ion Ratio Lower Upper
149 100
177 22.5 17.0 25.4
150 12.7 10.0 15.0



#61
Fluorene
Concen: 42.226 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:166 Resp: 2104416
Ion Ratio Lower Upper
166 100
165 99.2 77.8 116.8
167 13.6 10.6 15.8

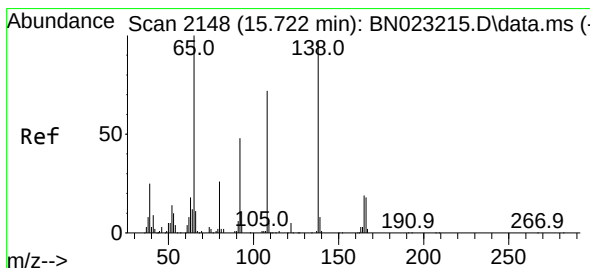
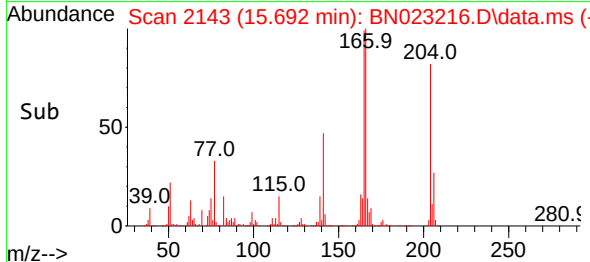
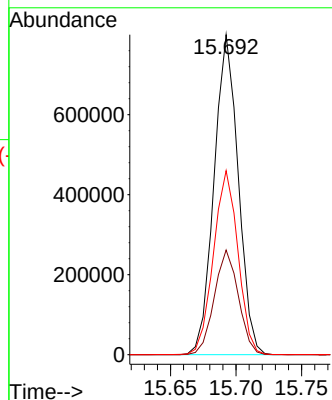
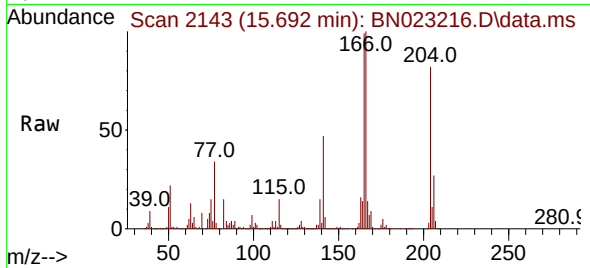




#62
4-Chlorophenyl-phenylether
Concen: 43.572 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

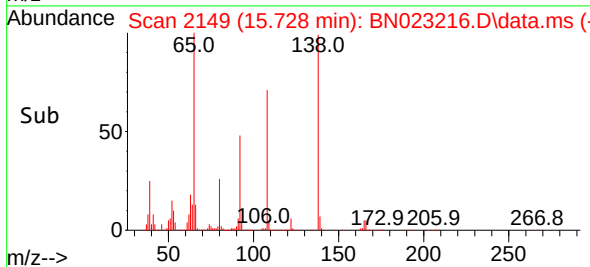
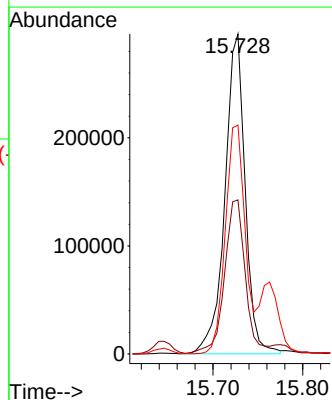
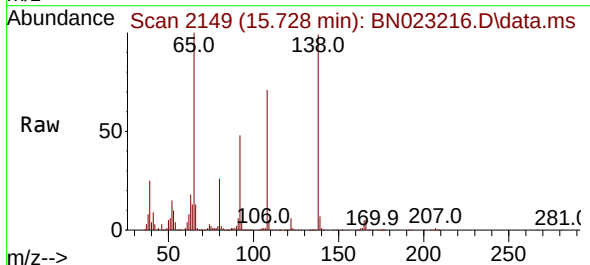
Instrument :
BNA_N
ClientSampleId :
SSTD040213

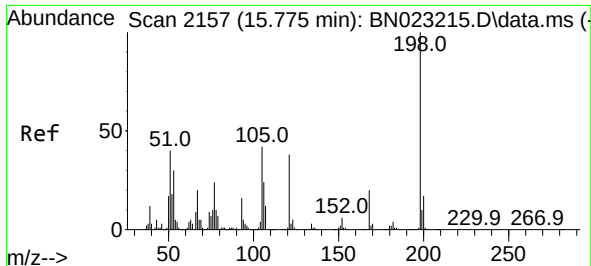
Tgt Ion:204 Resp: 1023593
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 57.5 48.2 72.2



#63
4-Nitroaniline
Concen: 43.943 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:138 Resp: 464296
Ion Ratio Lower Upper
138 100
92 48.2 39.4 59.2
108 71.5 59.5 89.3

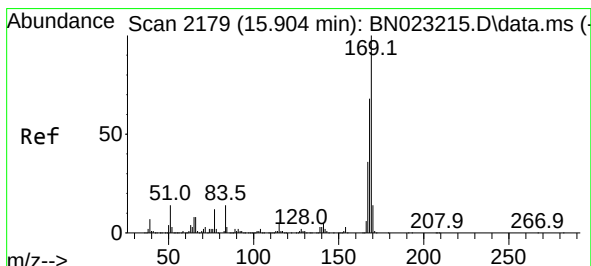
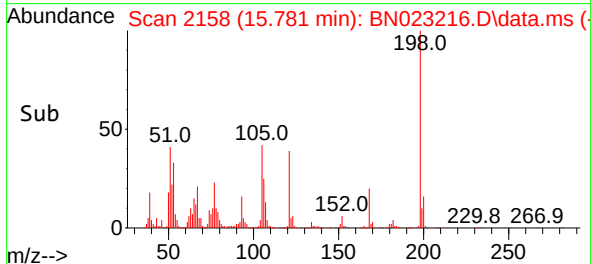
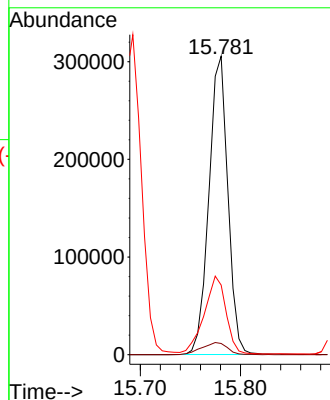
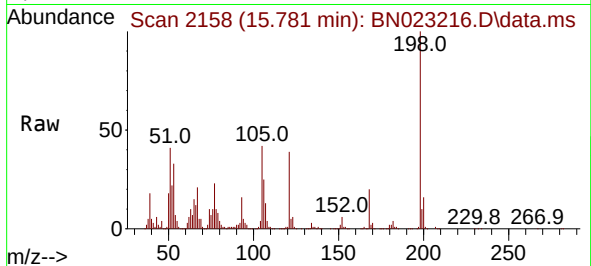




#66
4,6-Dinitro-2-methylphenol
Concen: 37.378 ng/ul
RT: 15.781 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

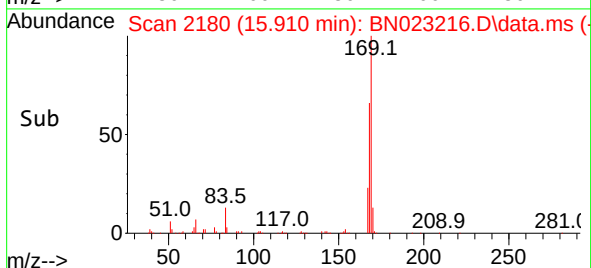
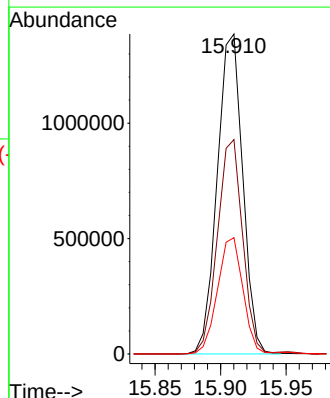
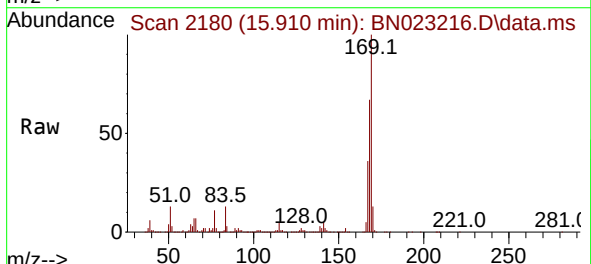
Instrument :
BNA_N
ClientSampleId :
SSTD040213

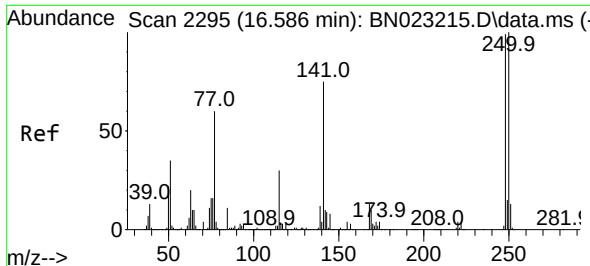
Tgt Ion:198 Resp: 402347
Ion Ratio Lower Upper
198 100
182 3.8 3.4 5.0
77 23.3 19.7 29.5



#67
N-Nitrosodiphenylamine
Concen: 38.208 ng/ul
RT: 15.910 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:169 Resp: 1874292
Ion Ratio Lower Upper
169 100
168 67.0 54.7 82.1
167 36.3 29.2 43.8

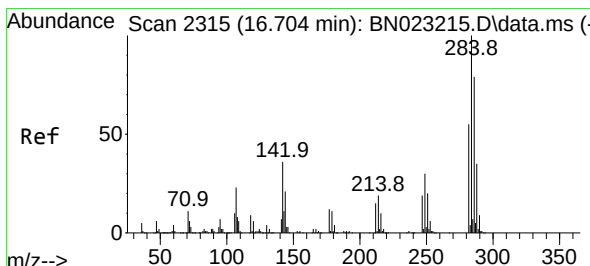
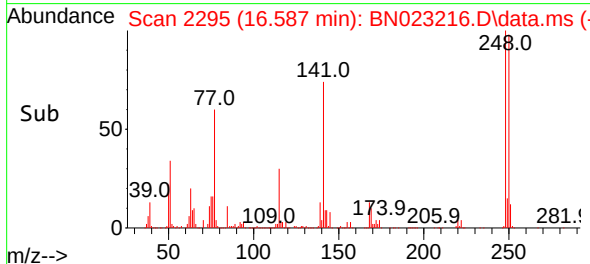
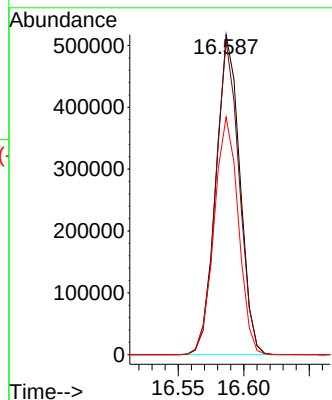
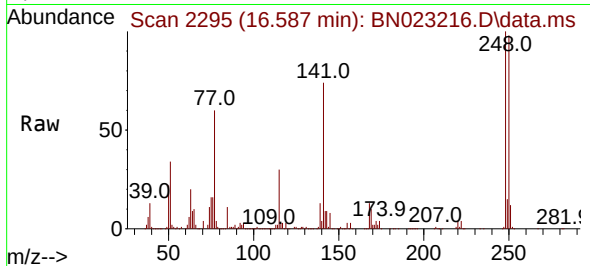




#68
4-Bromophenyl-phenylether
Concen: 40.646 ng/ul
RT: 16.587 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

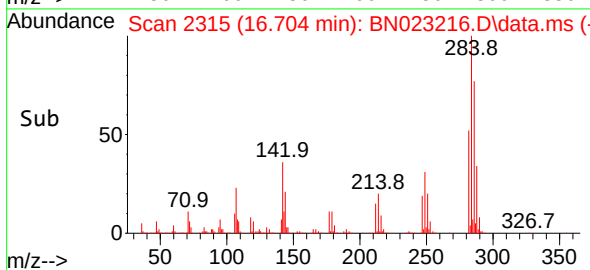
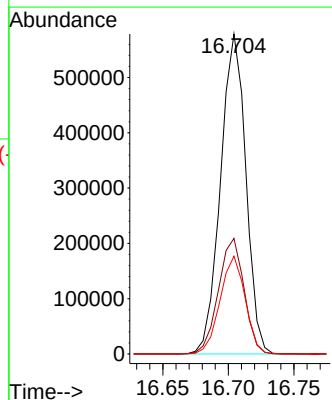
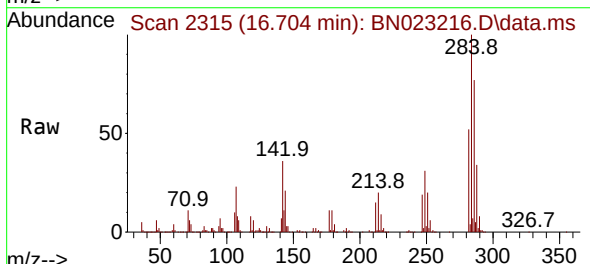
Instrument :
BNA_N
ClientSampleId :
SSTD040213

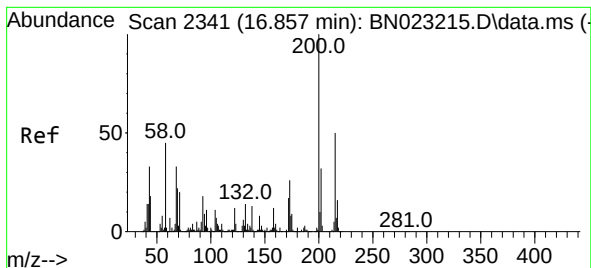
Tgt Ion:248 Resp: 655786
Ion Ratio Lower Upper
248 100
250 98.0 81.0 121.4
141 74.2 60.8 91.2



#69
Hexachlorobenzene
Concen: 41.165 ng/ul
RT: 16.704 min Scan# 2315
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:284 Resp: 776374
Ion Ratio Lower Upper
284 100
142 36.1 29.0 43.4
249 30.5 23.7 35.5





#70

Atrazine

Concen: 40.096 ng/ul

RT: 16.863 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN023216.D

Acq: 15 Dec 2022 14:55

Instrument :

BNA_N

ClientSampleId :

SSTD040213

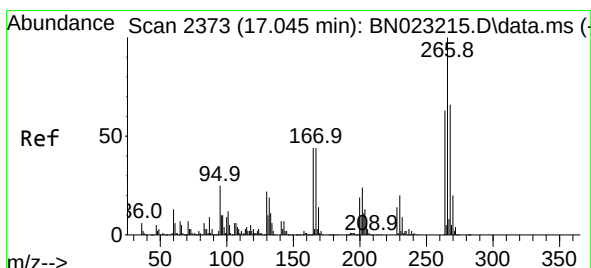
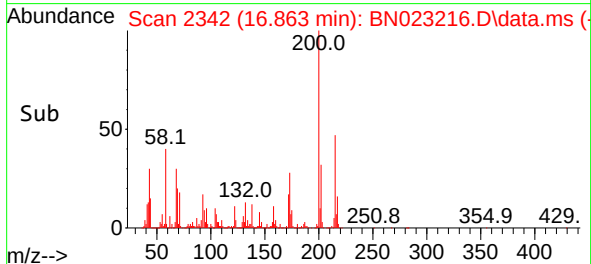
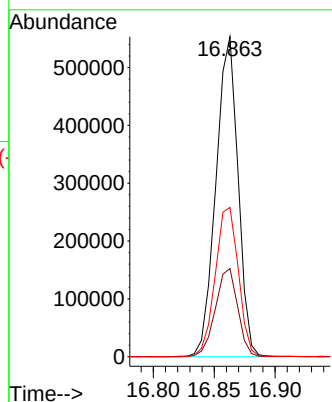
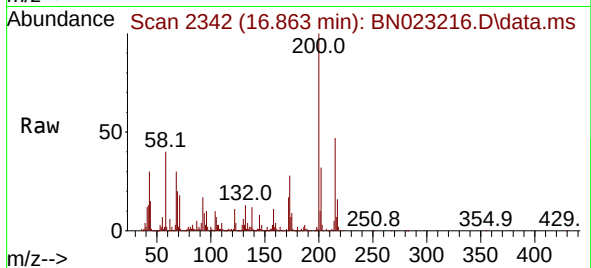
Tgt Ion:200 Resp: 701113

Ion Ratio Lower Upper

200 100

173 27.6 21.3 31.9

215 46.7 39.8 59.8



#71

Pentachlorophenol

Concen: 43.129 ng/ul

RT: 17.045 min Scan# 2373

Delta R.T. 0.000 min

Lab File: BN023216.D

Acq: 15 Dec 2022 14:55

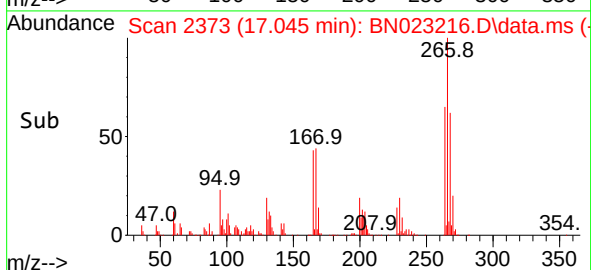
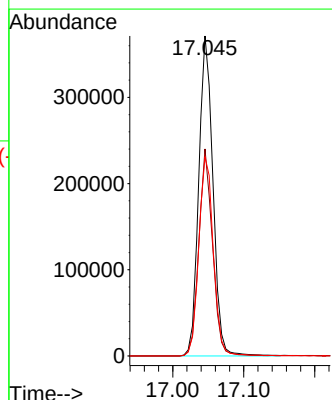
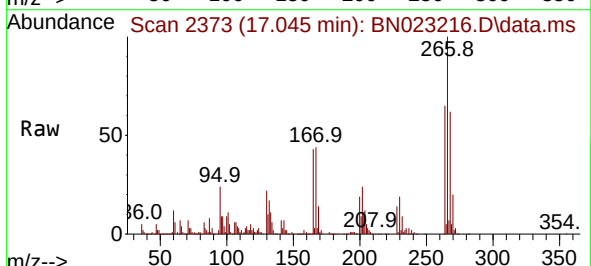
Tgt Ion:266 Resp: 516819

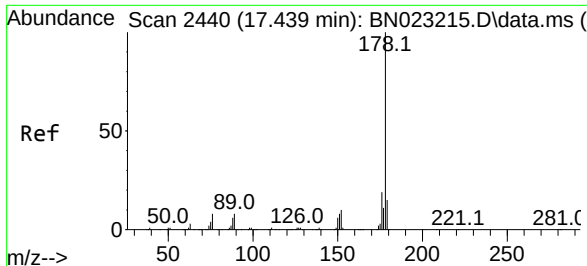
Ion Ratio Lower Upper

266 100

264 64.7 50.5 75.7

268 62.2 52.6 78.8

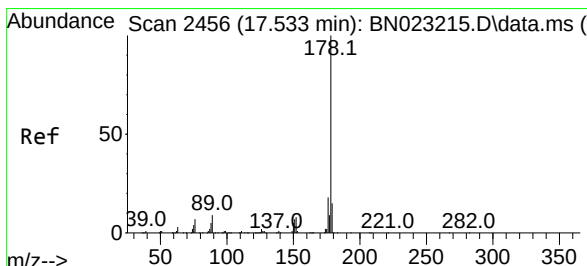
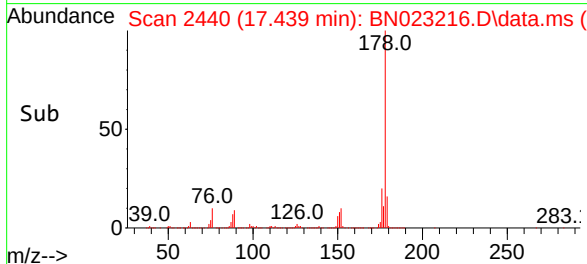
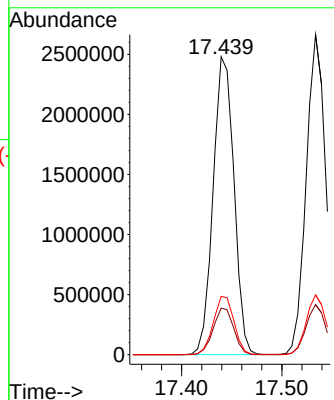
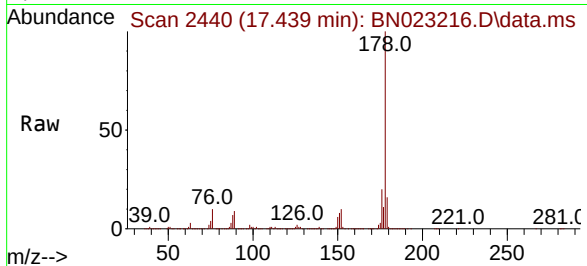




#72
 Phenanthrene
 Concen: 40.573 ng/ul
 RT: 17.439 min Scan# 2440
 Delta R.T. 0.000 min
 Lab File: BN023216.D
 Acq: 15 Dec 2022 14:55

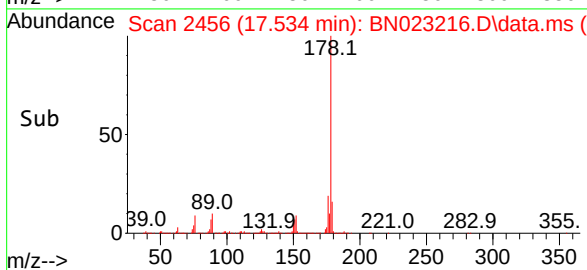
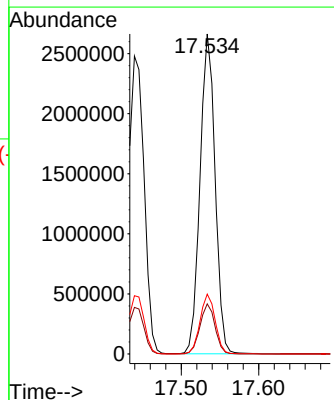
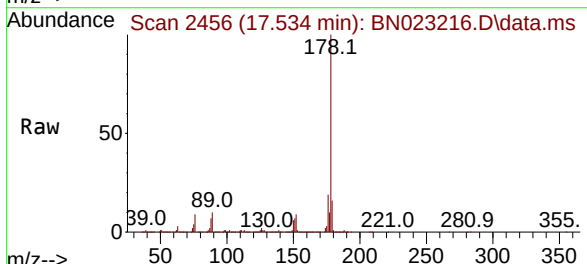
Instrument :
 BNA_N
 ClientSampleId :
 SST040213

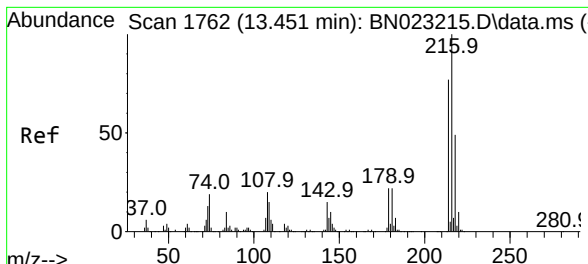
Tgt Ion:178 Resp: 3583001
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 19.5 15.4 23.0



#74
 Anthracene
 Concen: 40.219 ng/ul
 RT: 17.534 min Scan# 2456
 Delta R.T. 0.000 min
 Lab File: BN023216.D
 Acq: 15 Dec 2022 14:55

Tgt Ion:178 Resp: 3597578
 Ion Ratio Lower Upper
 178 100
 179 15.7 11.8 17.6
 176 18.7 14.7 22.1

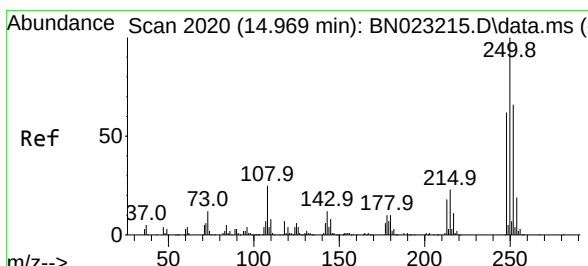
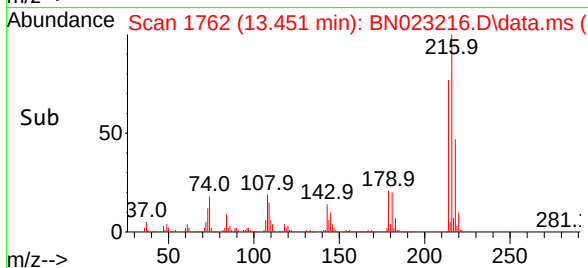
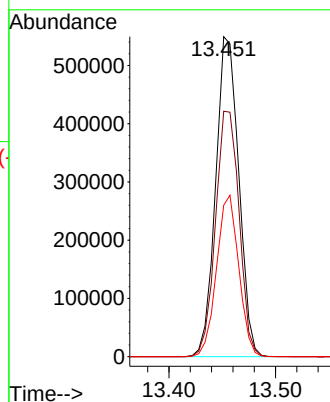
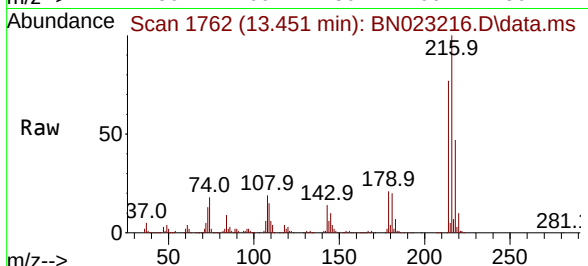




#75
1,2,3,4-Tetrachlorobenzene
Concen: 38.330 ng/uL
RT: 13.451 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

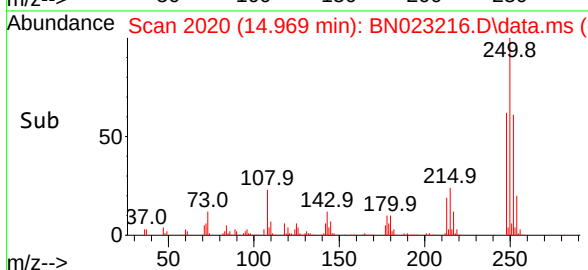
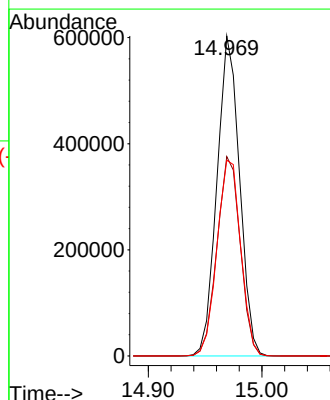
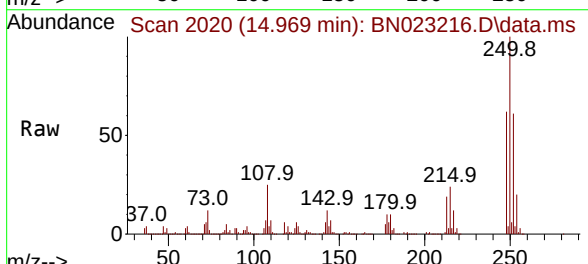
Instrument :
BNA_N
ClientSampleId :
SSTD040213

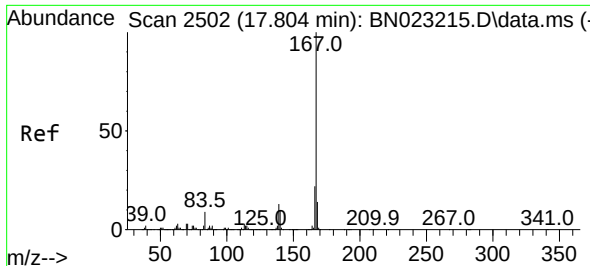
Tgt Ion:216 Resp: 828158
Ion Ratio Lower Upper
216 100
214 76.7 61.9 92.9
218 47.3 39.4 59.2



#76
Pentachlorobenzene
Concen: 35.722 ng/uL
RT: 14.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:250 Resp: 832983
Ion Ratio Lower Upper
250 100
248 62.3 49.4 74.0
252 61.2 52.9 79.3

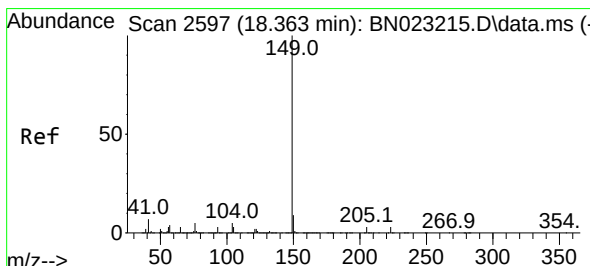
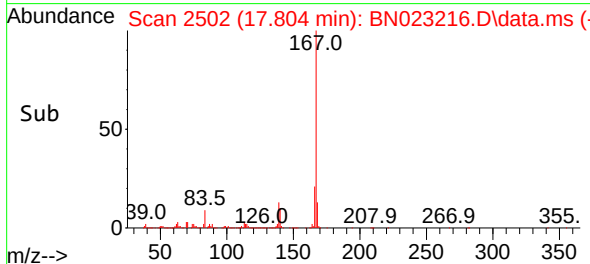
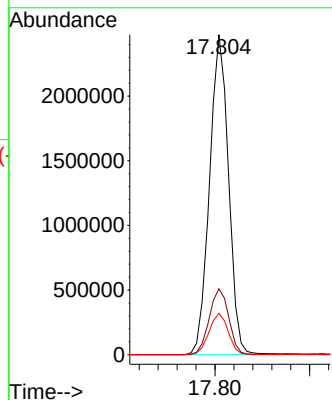
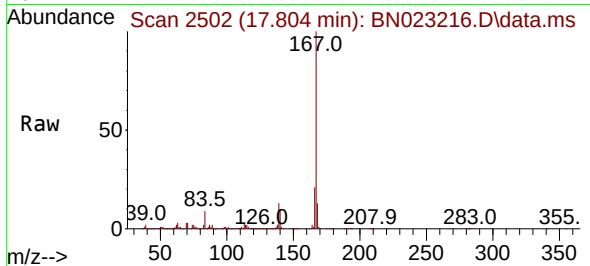




#77
 Carbazole
 Concen: 41.362 ng/ul
 RT: 17.804 min Scan# 2502
 Delta R.T. 0.000 min
 Lab File: BN023216.D
 Acq: 15 Dec 2022 14:55

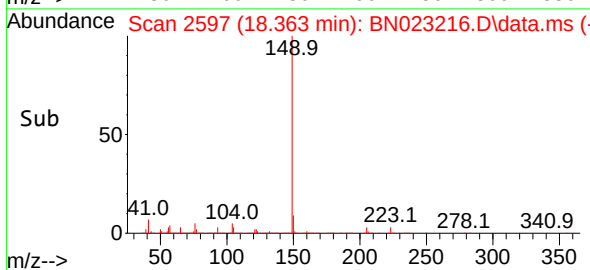
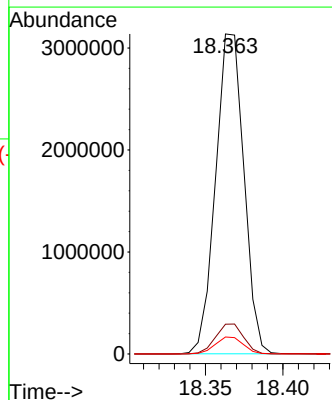
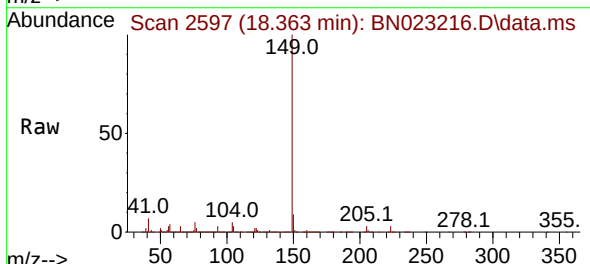
Instrument :
 BNA_N
 ClientSampleId :
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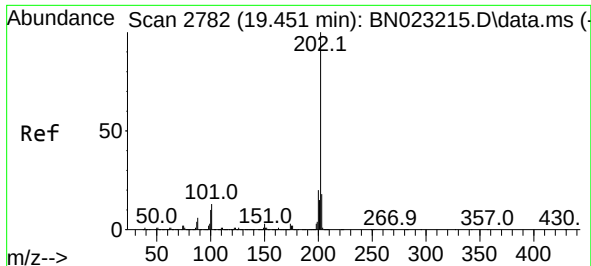
Tgt Ion:167 Resp: 3437684
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.3 25.9
 139 12.9 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 33.728 ng/ul
 RT: 18.363 min Scan# 2597
 Delta R.T. 0.000 min
 Lab File: BN023216.D
 Acq: 15 Dec 2022 14:55

Tgt Ion:149 Resp: 3989441
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 4.1 6.1

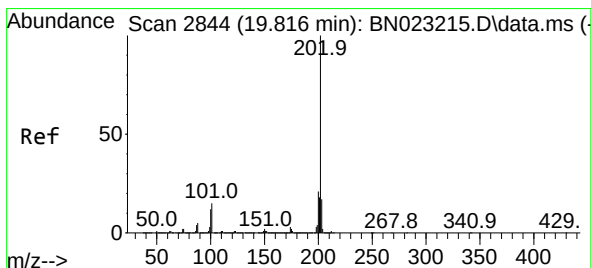
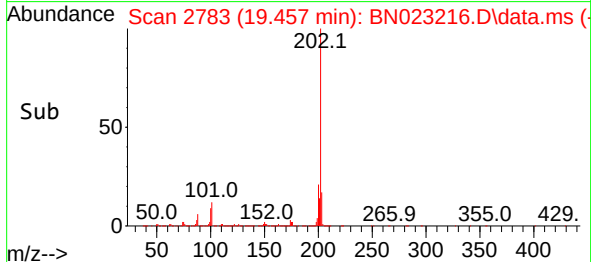
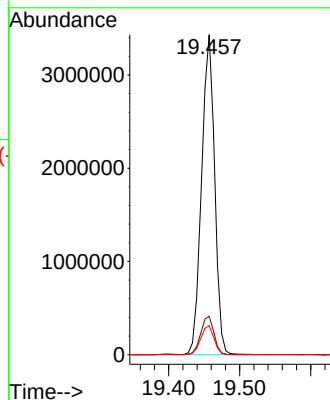
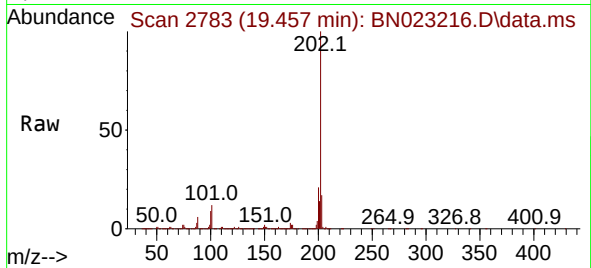




#80
Fluoranthene
Concen: 40.589 ng/u1
RT: 19.457 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

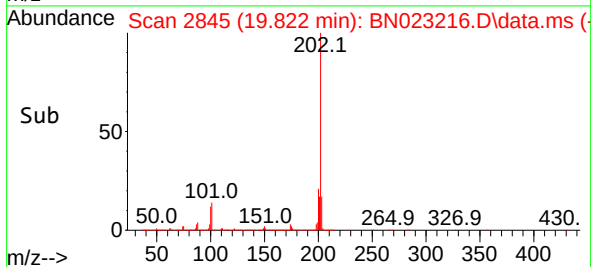
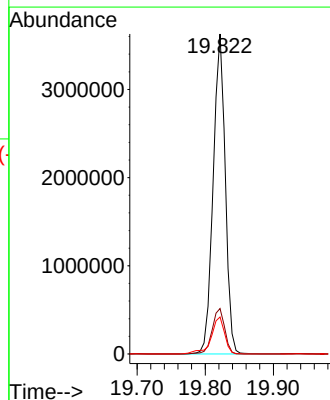
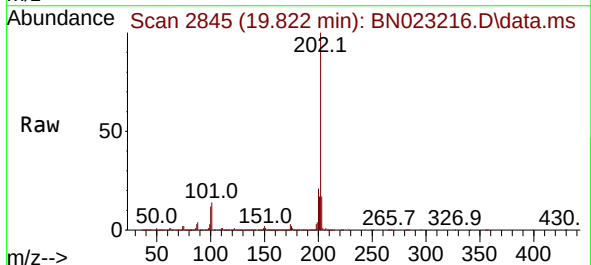
Instrument :
BNA_N
ClientSampleId :
SSTD040213

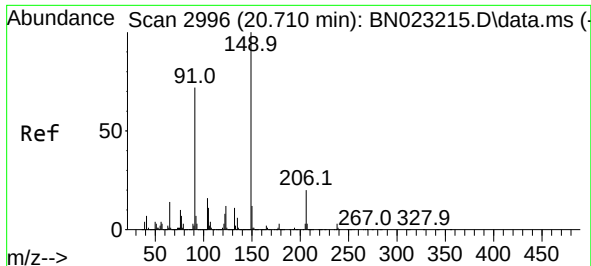
Tgt Ion:202 Resp: 4389154
Ion Ratio Lower Upper
202 100
101 12.0 10.4 15.6
100 9.0 7.6 11.4



#82
Pyrene
Concen: 40.442 ng/u1
RT: 19.822 min Scan# 2845
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:202 Resp: 4479846
Ion Ratio Lower Upper
202 100
101 14.2 12.0 18.0
100 11.5 9.5 14.3

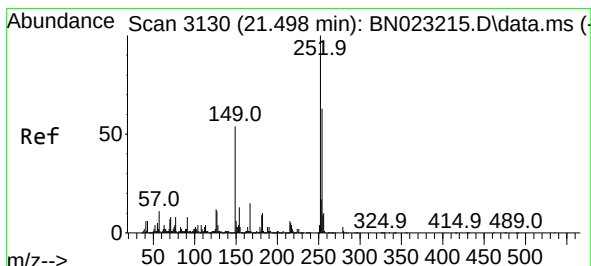
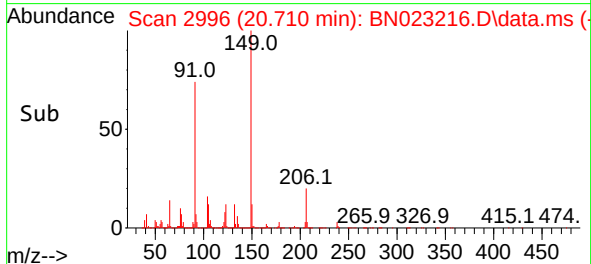
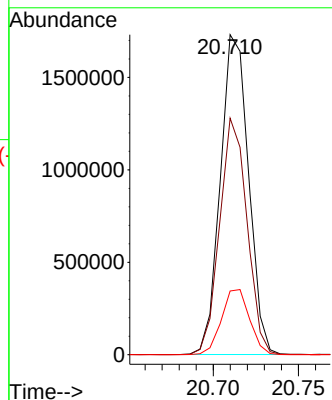
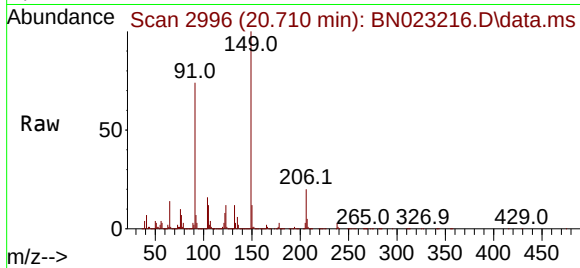




#83
Butylbenzylphthalate
Concen: 35.338 ng/ul
RT: 20.710 min Scan# 2996
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

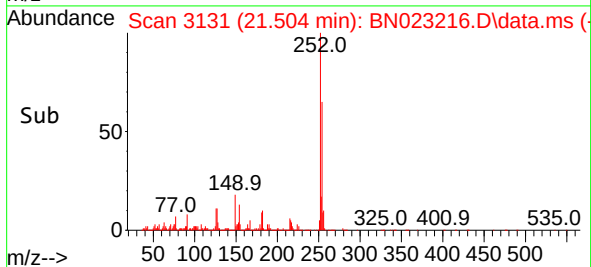
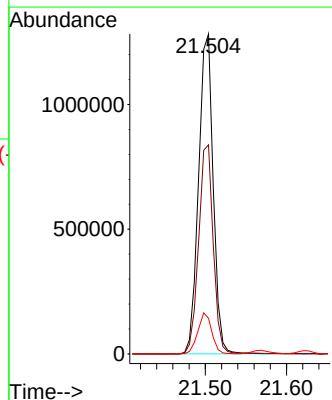
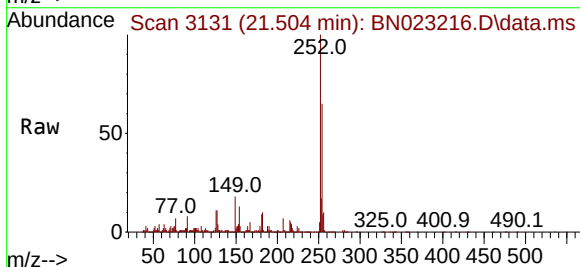
Instrument :
BNA_N
ClientSampleId :
SSTD040213

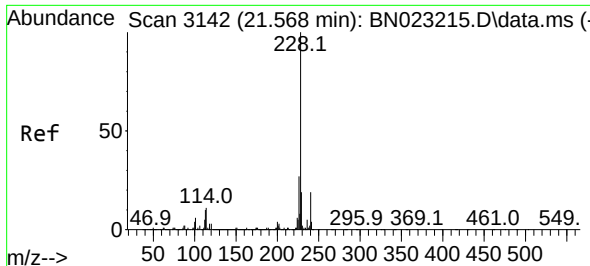
Tgt Ion:149 Resp: 1992551
Ion Ratio Lower Upper
149 100
91 73.9 57.9 86.9
206 19.9 15.6 23.4



#84
3,3'-Dichlorobenzidine
Concen: 43.577 ng/ul
RT: 21.504 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:252 Resp: 1607492
Ion Ratio Lower Upper
252 100
254 65.4 50.3 75.5
126 11.2 9.4 14.0

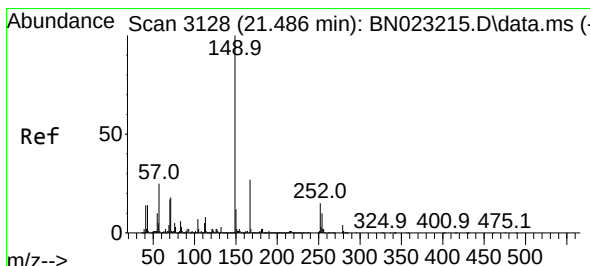
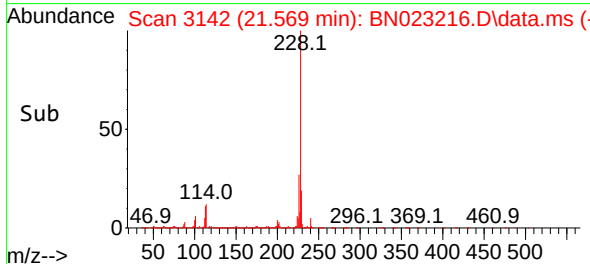
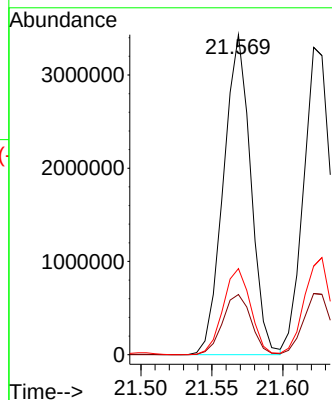
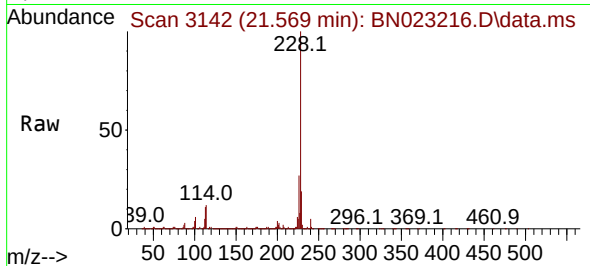




#85
Benzo(a)anthracene
Concen: 41.560 ng/ul
RT: 21.569 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

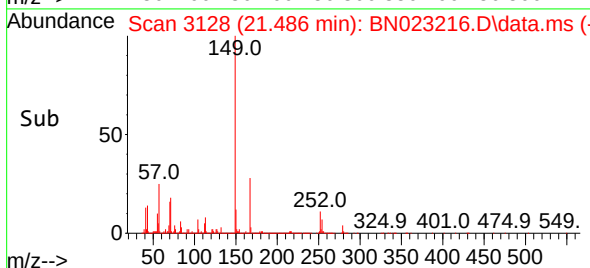
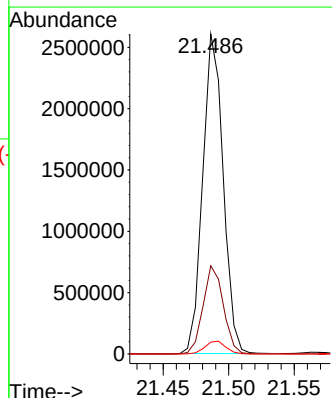
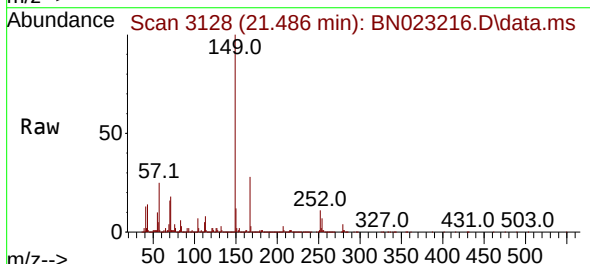
Instrument :
BNA_N
ClientSampleId :
SSTD040213

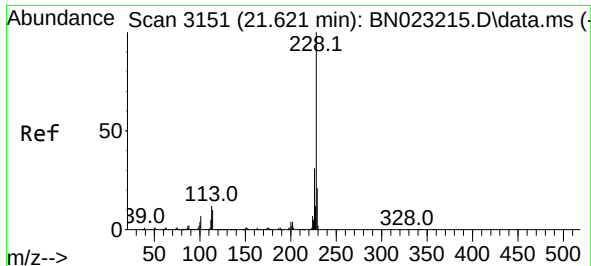
Tgt Ion:228 Resp: 4588395
Ion Ratio Lower Upper
228 100
229 18.8 15.5 23.3
226 26.9 21.4 32.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 34.022 ng/ul
RT: 21.486 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:149 Resp: 2831387
Ion Ratio Lower Upper
149 100
167 27.6 21.9 32.9
279 3.7 3.4 5.0

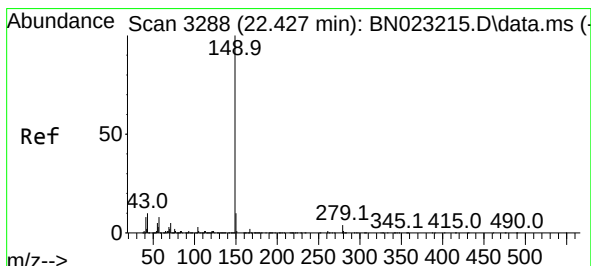
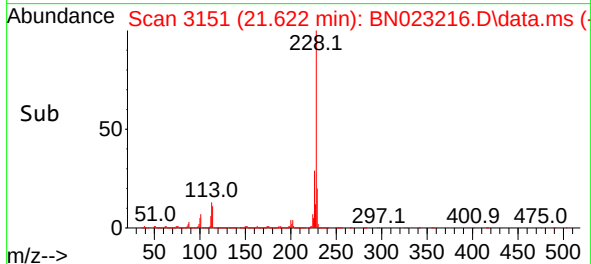
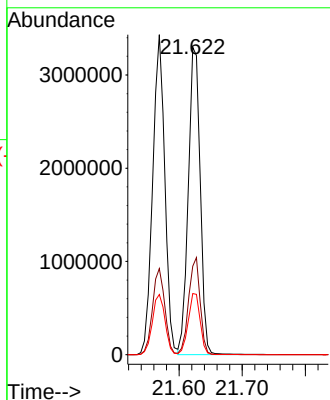
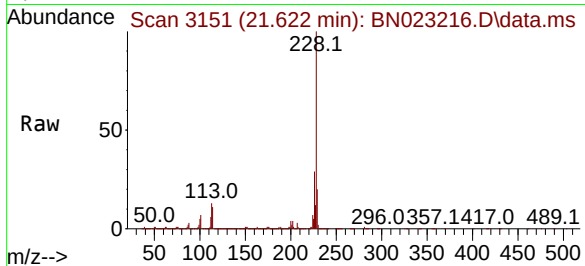




#87
Chrysene
Concen: 41.519 ng/ul
RT: 21.622 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

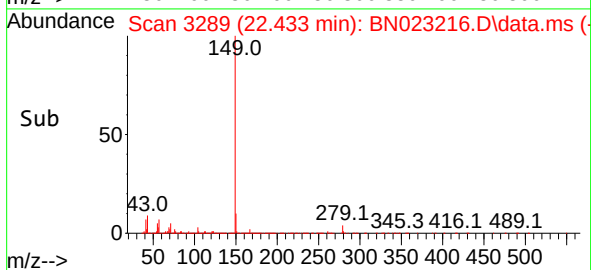
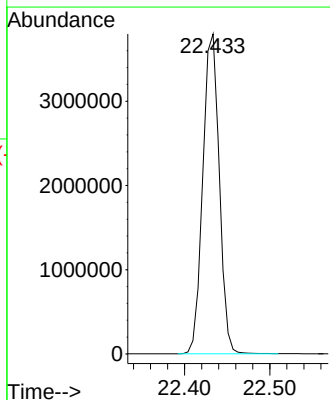
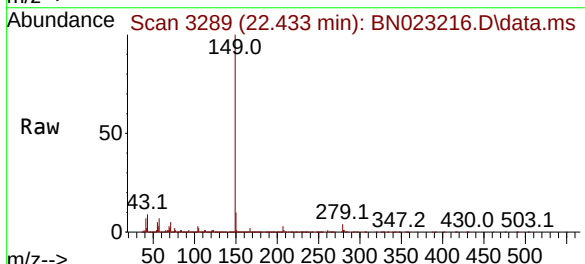
Instrument :
BNA_N
ClientSampleId :
SSTD040213

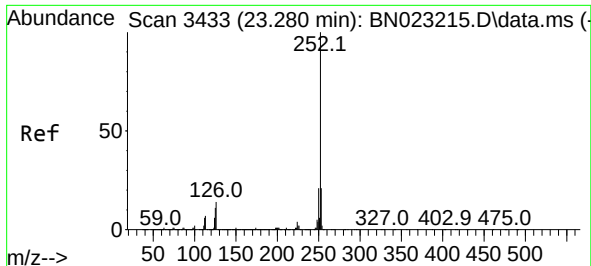
Tgt Ion:228 Resp: 4340859
Ion Ratio Lower Upper
228 100
226 28.8 24.6 36.8
229 19.9 16.5 24.7



#89
Di-n-octyl phthalate
Concen: 29.274 ng/ul
RT: 22.433 min Scan# 3289
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:149 Resp: 5095136

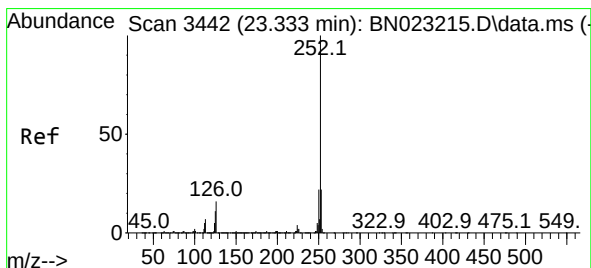
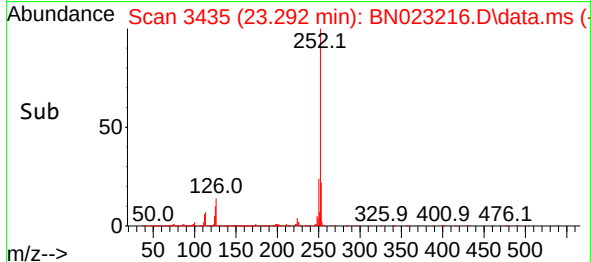
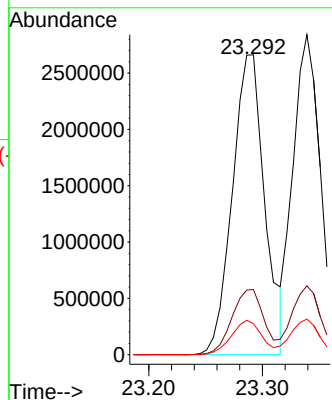
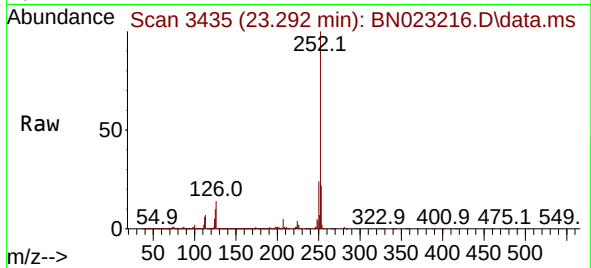




#90
Benzo(b)fluoranthene
Concen: 39.195 ng/ul
RT: 23.292 min Scan# 3435
Delta R.T. 0.012 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

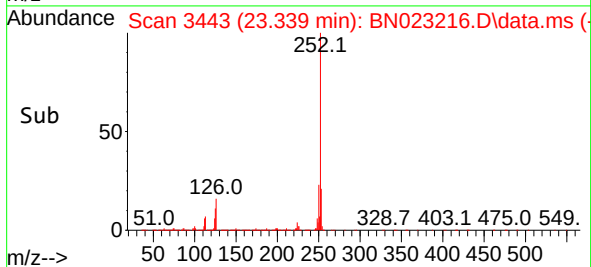
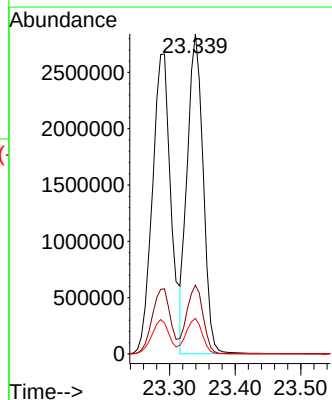
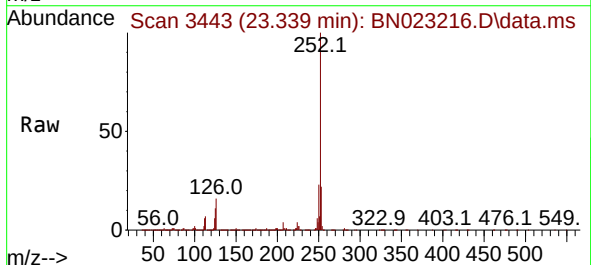
Instrument :
BNA_N
ClientSampleId :
SSTD040213

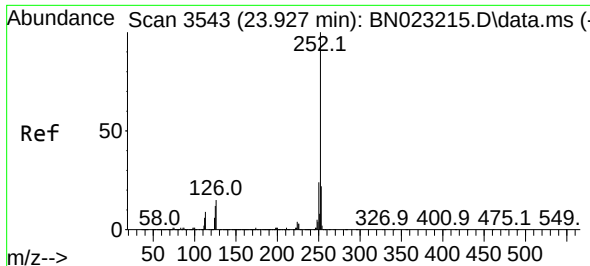
Tgt Ion:252 Resp: 5256567
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 10.3 8.8 13.2



#91
Benzo(k)fluoranthene
Concen: 37.412 ng/ul
RT: 23.339 min Scan# 3443
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:252 Resp: 4762717
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 11.1 9.0 13.6

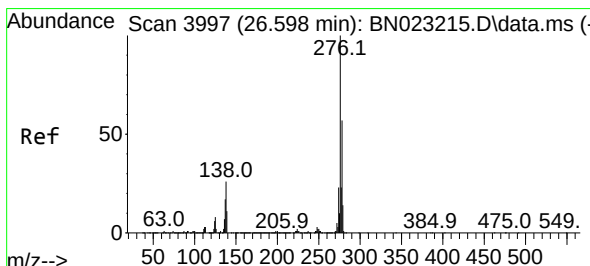
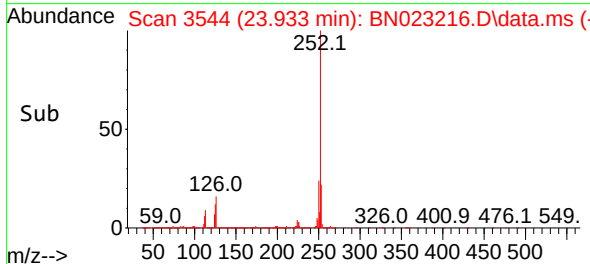
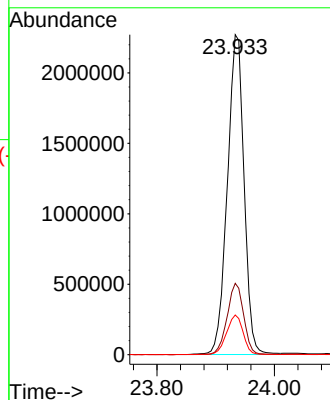
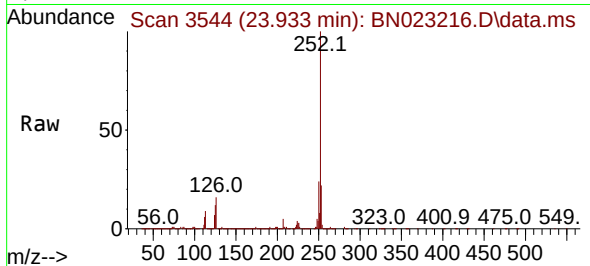




#93
Benzo(a)pyrene
Concen: 39.424 ng/ul
RT: 23.933 min Scan# 31
Delta R.T. 0.006 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

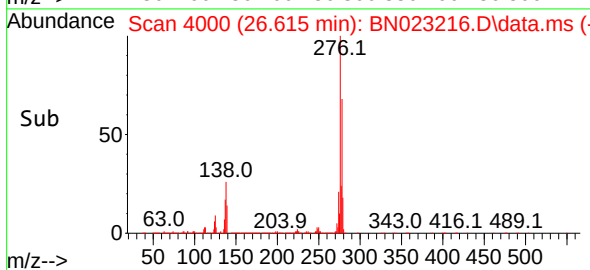
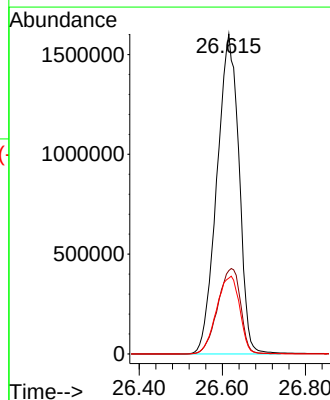
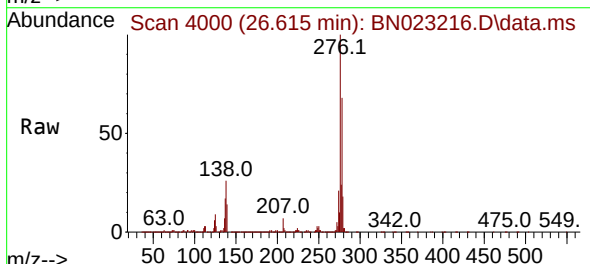
Instrument :
BNA_N
ClientSampleId :
SSTD040213

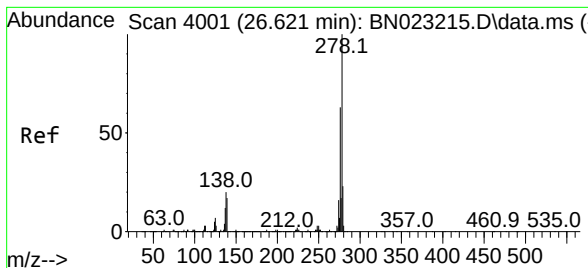
Tgt Ion:252 Resp: 4481651
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 12.4 9.4 14.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 45.550 ng/ul
RT: 26.615 min Scan# 4000
Delta R.T. 0.018 min
Lab File: BN023216.D
Acq: 15 Dec 2022 14:55

Tgt Ion:276 Resp: 5888927
Ion Ratio Lower Upper
276 100
138 26.0 20.6 30.8
277 23.7 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 41.336 ng/ul

RT: 26.633 min Scan# 4003

Delta R.T. 0.012 min

Lab File: BN023216.D

Acq: 15 Dec 2022 14:55

Instrument :

BNA_N

ClientSampleId :

SSTD040213

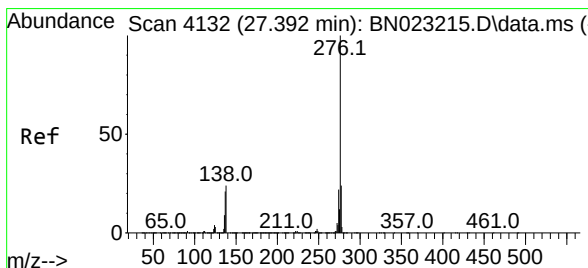
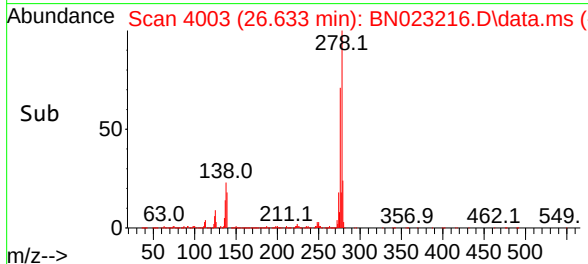
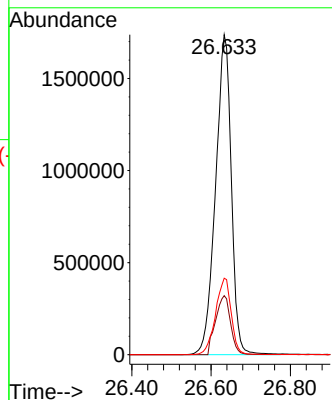
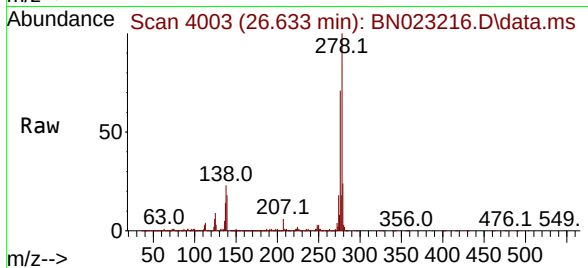
Tgt Ion:278 Resp: 4789880

Ion Ratio Lower Upper

278 100

139 18.5 13.3 19.9

279 23.9 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 42.271 ng/ul

RT: 27.410 min Scan# 4135

Delta R.T. 0.018 min

Lab File: BN023216.D

Acq: 15 Dec 2022 14:55

Tgt Ion:276 Resp: 4765013

Ion Ratio Lower Upper

276 100

138 24.3 19.2 28.8

277 22.0 19.3 28.9

