

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081621\
 Data File : BN015883.D
 Acq On : 16 Aug 2021 18:08
 Operator : CG/JU
 Sample : M2250-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Manual Integrations
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Quant Time: Aug 16 18:39:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 16 16:09:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	276523	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1150700	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	726199	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1516363	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1525987	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	1476013	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	32873	4.631	ng/uL	0.00
4) Pyridine-d5	3.746	84	329791	16.623	ng/u1	0.00
7) Phenol-d5	7.058	99	564642	22.574	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	366641	23.807	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	444887	24.996	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	434555	22.337	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	207459	24.495	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	201769	25.455	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	395509	23.058	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	581809	22.284	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1310830	24.630	ng/u1	0.00
49) Acenaphthylene-d8	14.246	160	1659233	24.894	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	202174	21.478	ng/u1	0.00
60) Fluorene-d10	15.546	176	1128269	24.304	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	162499	20.066	ng/u1	0.00
73) Anthracene-d10	17.398	188	1744408	24.544	ng/u1	0.00
81) Pyrene-d10	19.692	212	1969875	23.966	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	2059588	25.807	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	7518	1.030	ng/uL#	92
5) Pyridine	3.770	79	82134	4.015	ng/u1#	80
6) Benzaldehyde	7.040	77	71068	5.522	ng/u1	96
8) Phenol	7.081	94	113406	4.447	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.322	93	87810	4.396	ng/u1	97
12) 2-Chlorophenol	7.464	128	86496	4.728	ng/u1	98
13) 2-Methylphenol	8.340	108	77306	4.139	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.434	45	112931	4.427	ng/u1	96
16) Acetophenone	8.728	105	139070	4.430	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.711	70	66889	4.363	ng/u1	95
18) 4-Methylphenol	8.664	108	85367	4.270	ng/u1	93
19) Hexachloroethane	8.993	117	37331	4.494	ng/u1	98
22) Nitrobenzene	9.111	77	110377	4.609	ng/u1	98
23) Isophorone	9.634	82	173009	4.152	ng/u1	97
25) 2-Nitrophenol	9.822	139	42572	4.925	ng/u1	96
26) 2,4-Dimethylphenol	9.875	107	102264	4.429	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.122	93	114099	4.459	ng/u1	99
29) 2,4-Dichlorophenol	10.352	162	79714	4.714	ng/u1	96
30) Naphthalene	10.763	128	280468	4.551	ng/u1	100
32) 4-Chloroaniline	10.869	127	116446	4.517	ng/u1	99
33) Hexachlorobutadiene	11.058	225	60621	4.665	ng/u1	98
34) Caprolactam	11.634	113	18336m	3.461	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	85223	4.254	ng/u1	98
36) 2-Methylnaphthalene	12.375	142	198356	4.628	ng/u1	99

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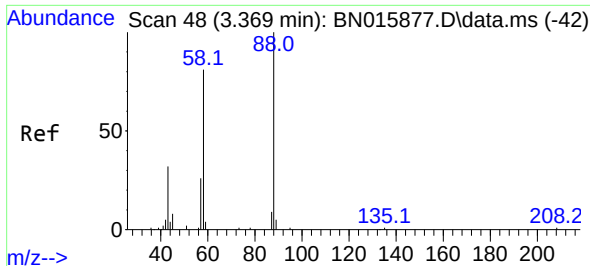
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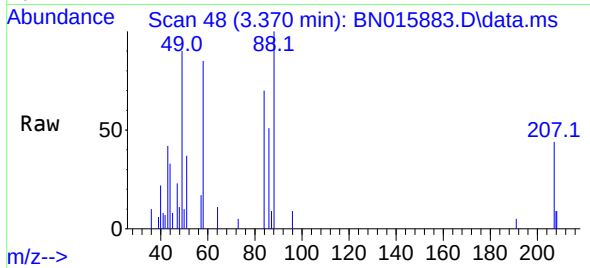
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	197794	4.637	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.746	216	112453	4.787	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	67319	4.420	ng/ul	95
41) 2,4,6-Trichlorophenol	12.981	196	53541	4.168	ng/ul	95
42) 2,4,5-Trichlorophenol	13.046	196	60877	4.341	ng/ul	87
43) 1,1'-Biphenyl	13.387	154	254913	4.540	ng/ul	97
44) 2-Chloronaphthalene	13.422	162	196738	4.537	ng/ul	99
45) 2-Nitroaniline	13.628	65	47734	3.885	ng/ul	95
47) Dimethylphthalate	14.004	163	246254	4.668	ng/ul	98
48) 2,6-Dinitrotoluene	14.122	165	38804	4.061	ng/ul	96
50) Acenaphthylene	14.269	152	291482	4.600	ng/ul	99
51) 3-Nitroaniline	14.446	138	37229	3.624	ng/ul	90
52) Acenaphthene	14.616	153	214580	4.682	ng/ul	96
53) 2,4-Dinitrophenol	14.651	184	21854	4.117	ng/ul	96
55) 4-Nitrophenol	14.746	109	41665	4.524	ng/ul	90
56) Dibenzofuran	14.946	168	296742	4.683	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	55586	4.039	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.175	232	53358	4.598	ng/ul	95
59) Diethylphthalate	15.369	149	241856	4.585	ng/ul	99
61) Fluorene	15.598	166	240750	4.656	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.593	204	125484	4.654	ng/ul	98
63) 4-Nitroaniline	15.604	138	43071	4.376	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.669	198	31991	3.972	ng/ul#	86
67) N-Nitrosodiphenylamine	15.804	169	204166	4.613	ng/ul	99
68) 4-Bromophenyl-phenylether	16.487	248	74262	4.564	ng/ul	95
69) Hexachlorobenzene	16.604	284	88652	4.662	ng/ul	97
70) Atrazine	16.757	200	64494	4.017	ng/ul	97
71) Pentachlorophenol	16.945	266	35171	3.297	ng/ul	93
72) Phenanthrene	17.340	178	389443	4.724	ng/ul	97
74) Anthracene	17.434	178	387430	4.603	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.352	216	111839	4.682	ng/ul	98
76) Pentachlorobenzene	14.869	250	105115	4.521	ng/ul	91
77) Carbazole	17.698	167	322096	4.353	ng/ul	97
78) Di-n-butylphthalate	18.275	149	350287	4.163	ng/ul	98
80) Fluoranthene	19.357	202	424964	4.273	ng/ul	98
82) Pyrene	19.722	202	460803	4.452	ng/ul	97
83) Butylbenzylphthalate	20.622	149	129744	3.728	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.404	252	137612	4.404	ng/ul	98
85) Benzo(a)anthracene	21.469	228	442157	4.503	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	218100	3.951	ng/ul	96
87) Chrysene	21.522	228	436786	4.595	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	330485	3.538	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	436451	4.498	ng/ul	96
91) Benzo(k)fluoranthene	23.216	252	442658	4.582	ng/ul	100
93) Benzo(a)pyrene	23.798	252	397682	4.527	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.416	276	474381	4.355	ng/ul	96
95) Dibenzo(a,h)anthracene	26.439	278	396256	4.407	ng/ul	98
96) Benzo(g,h,i)perylene	27.192	276	408098	4.532	ng/ul	96

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



#2
1,4-Dioxane
Concen: 1.030 ng/uL
RT: 3.370 min Scan# 48
Delta R.T. 0.001 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

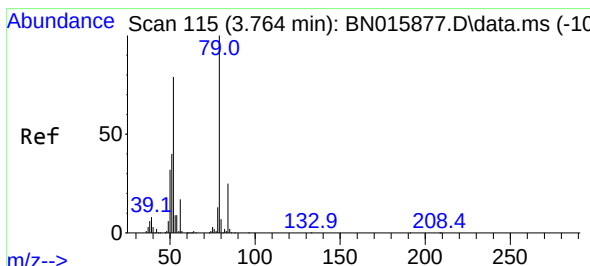
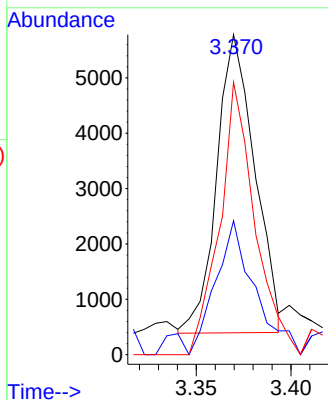
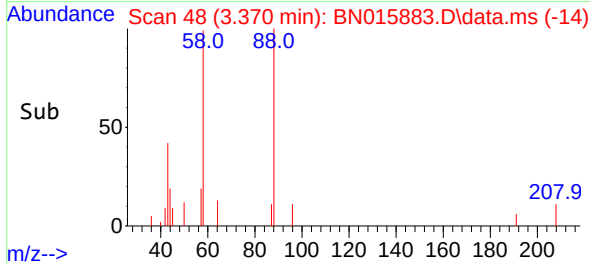
Instrument :
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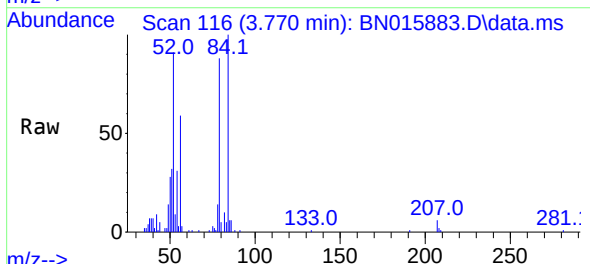
Tgt Ion: 88 Resp: 7518
Ion Ratio Lower Upper
88 100
43 41.8 26.4 39.6#
58 85.1 65.0 97.4

Manual Integrations
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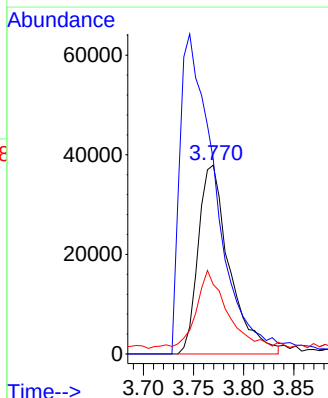
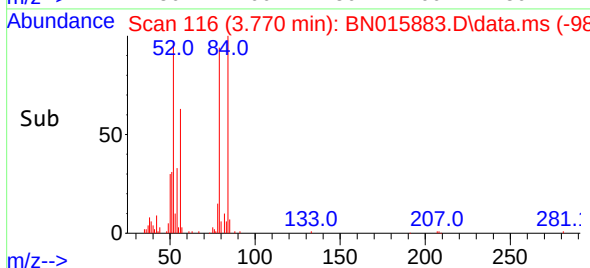
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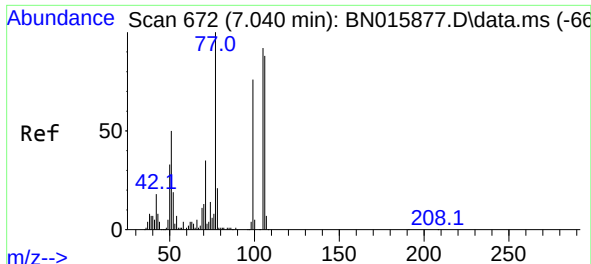


#5
Pyridine
Concen: 4.015 ng/uL
RT: 3.770 min Scan# 116
Delta R.T. 0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



Tgt Ion: 79 Resp: 82134
Ion Ratio Lower Upper
79 100
52 103.1 62.9 94.3#
51 36.8 32.0 48.0





#6
Benzaldehyde
Concen: 5.522 ng/ul
RT: 7.040 min Scan# 672
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

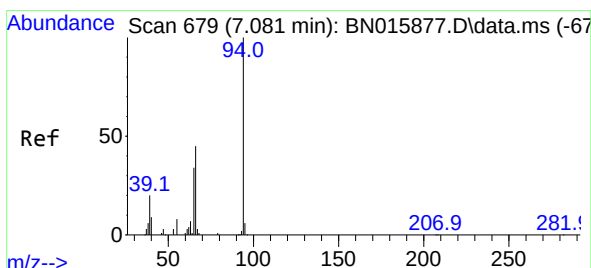
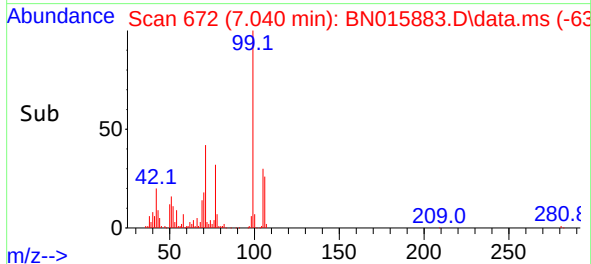
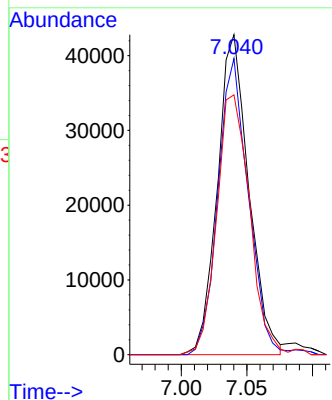
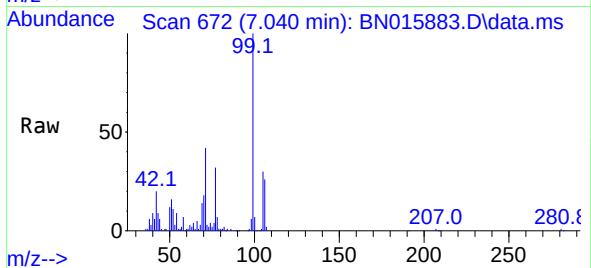
Tgt Ion: 77 Resp: 71068

Ion	Ratio	Lower	Upper
77	100		
105	92.6	73.4	110.0
106	81.2	70.3	105.5

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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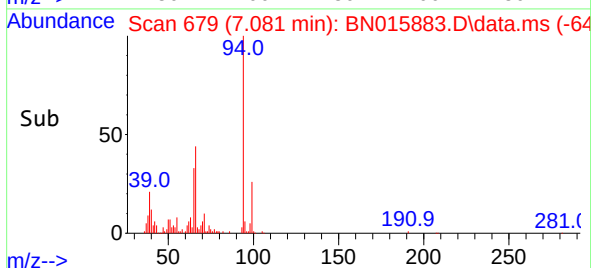
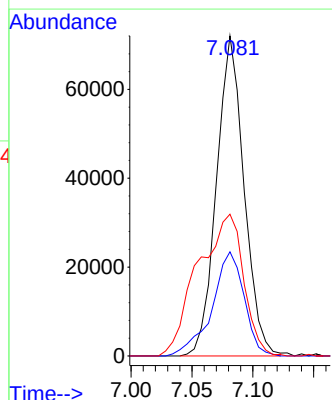
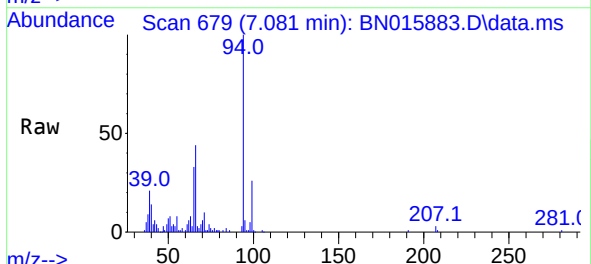
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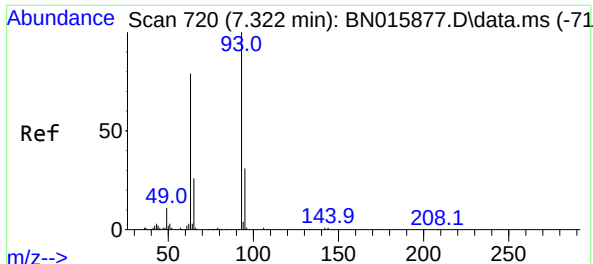


#8
Phenol
Concen: 4.447 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion: 94 Resp: 113406

Ion	Ratio	Lower	Upper
94	100		
65	32.6	27.0	40.6
66	44.3	37.8	56.8





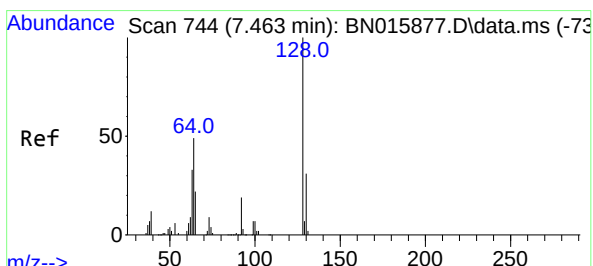
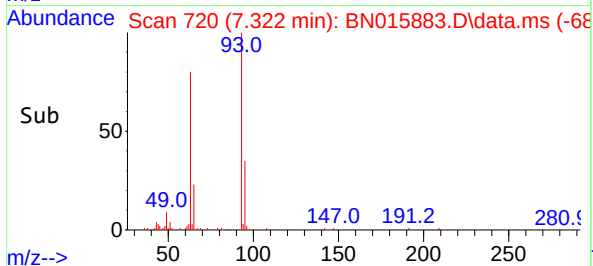
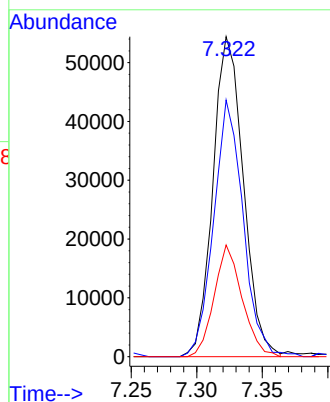
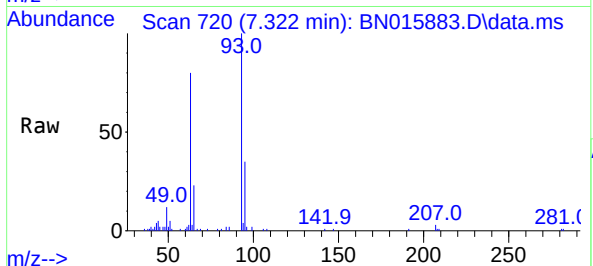
#10
Bis(2-Chloroethyl)ether
Concen: 4.396 ng/ul
RT: 7.322 min Scan# 720
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:	93	Resp:	87810
Ion	Ratio	Lower	Upper
93	100		
63	80.2	63.4	95.0
95	34.9	25.2	37.8

Instrument :
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ClientSampleId :
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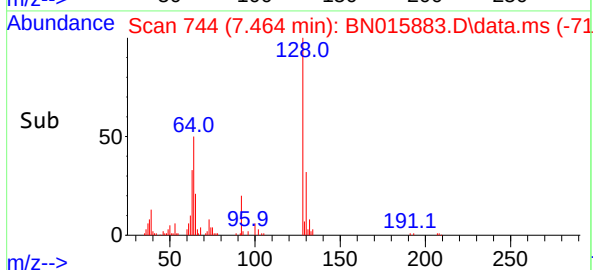
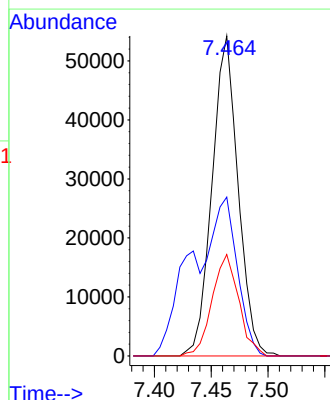
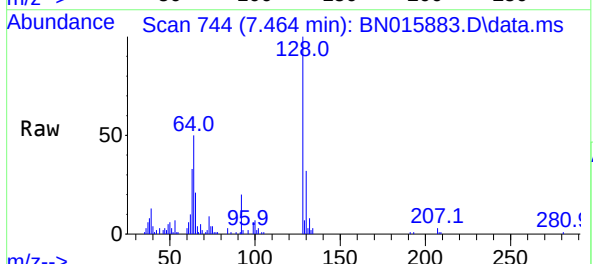
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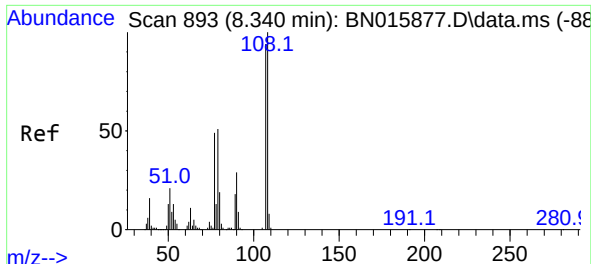
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#12
2-Chlorophenol
Concen: 4.728 ng/ul
RT: 7.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:	128	Resp:	86496
Ion	Ratio	Lower	Upper
128	100		
64	49.6	41.4	62.2
130	31.7	25.2	37.8





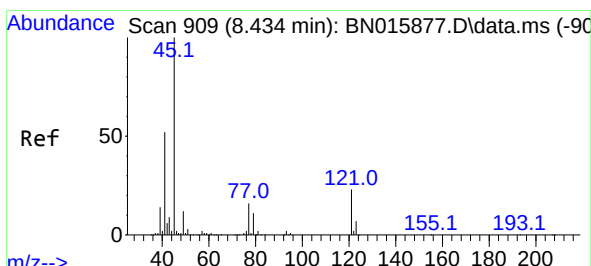
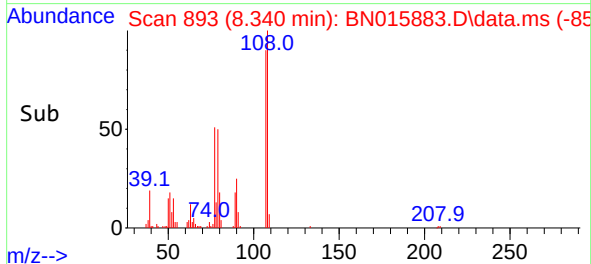
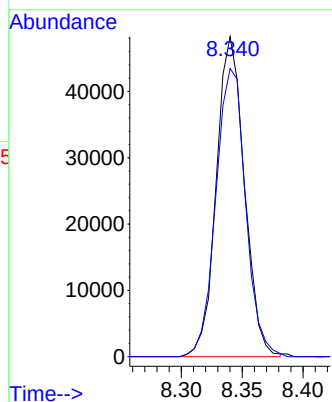
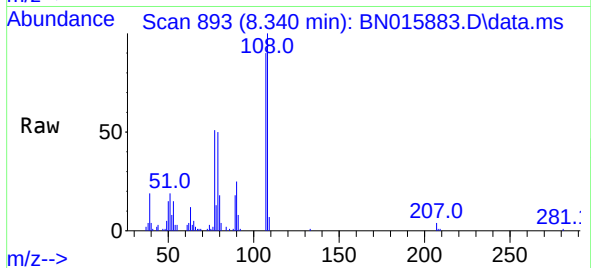
#13
2-Methylphenol
Concen: 4.139 ng/ul
RT: 8.340 min Scan# 893
Delta R.T. 0.000 min
Lab File: BN015883.D
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Tgt Ion: 108 Resp: 77306
Ion Ratio Lower Upper
108 100
107 90.0 74.9 112.3

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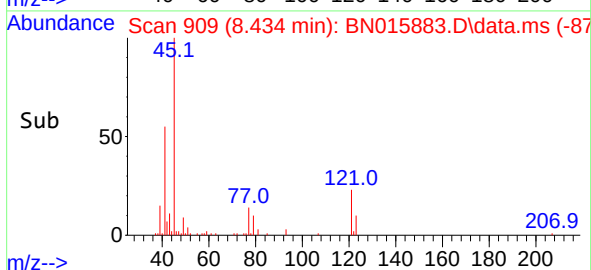
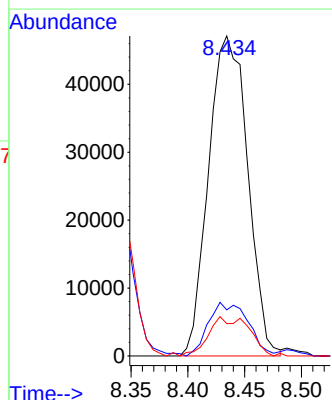
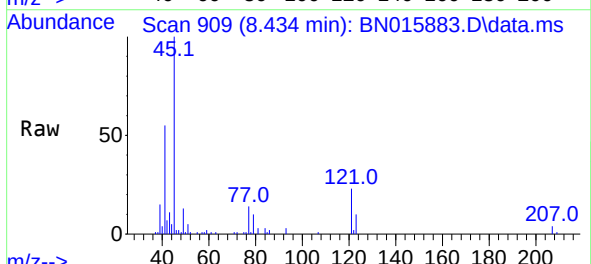
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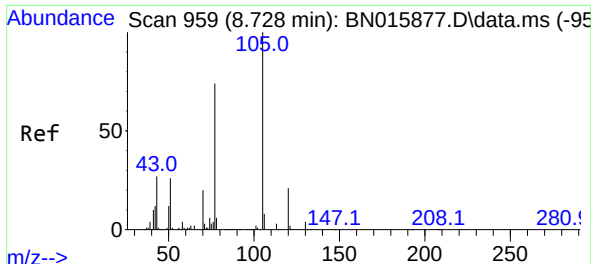
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.427 ng/ul
RT: 8.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

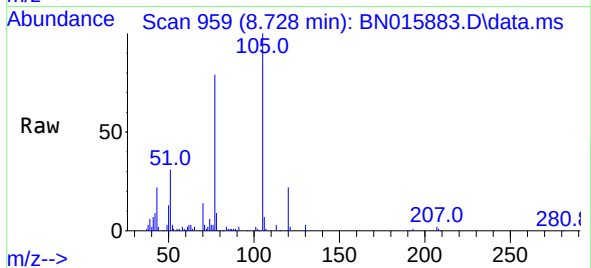
Tgt Ion: 45 Resp: 112931
Ion Ratio Lower Upper
45 100
77 14.4 13.2 19.8
79 10.1 8.7 13.1





#16
Acetophenone
Concen: 4.430 ng/ul
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

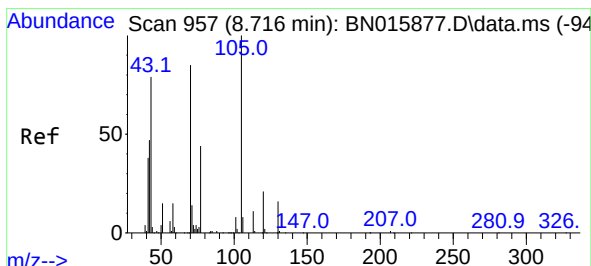
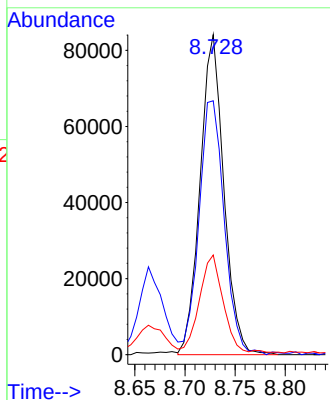
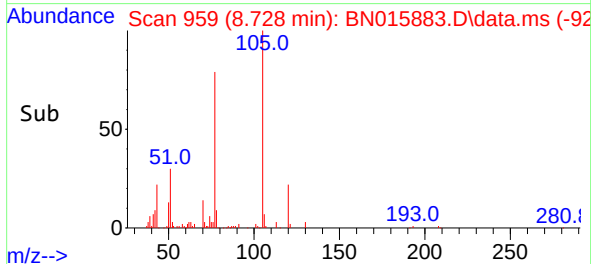
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05



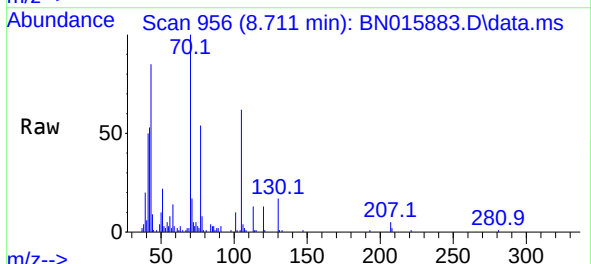
Tgt Ion:105 Resp: 139070
Ion Ratio Lower Upper
105 100
77 79.3 66.3 99.5
51 31.2 23.7 35.5

Manual Integrations
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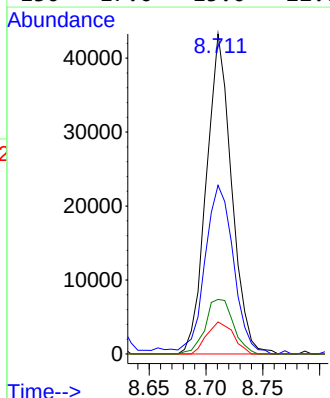
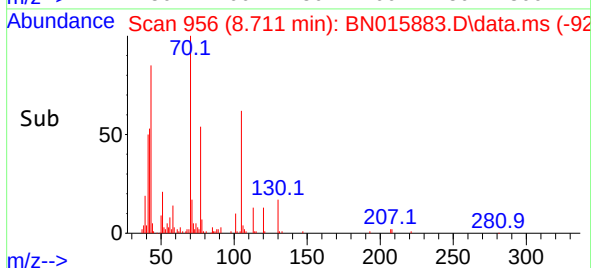
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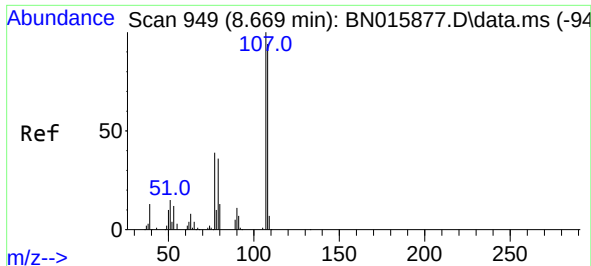


#17
N-Nitroso-di-n-propylamine
Concen: 4.363 ng/ul
RT: 8.711 min Scan# 956
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



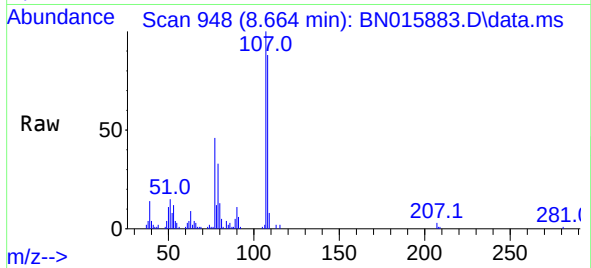
Tgt Ion: 70 Resp: 66889
Ion Ratio Lower Upper
70 100
42 52.7 45.3 67.9
101 10.0 7.6 11.4
130 17.0 15.0 22.6





#18
4-Methylphenol
Concen: 4.270 ng/ul
RT: 8.664 min Scan# 948
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

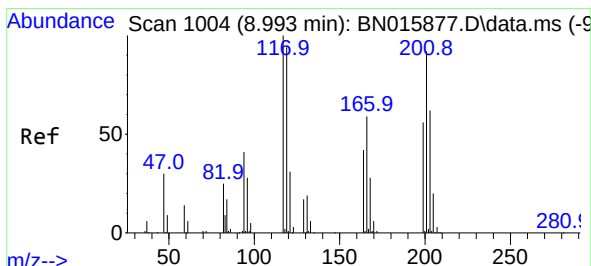
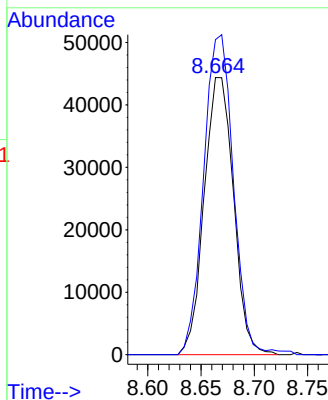
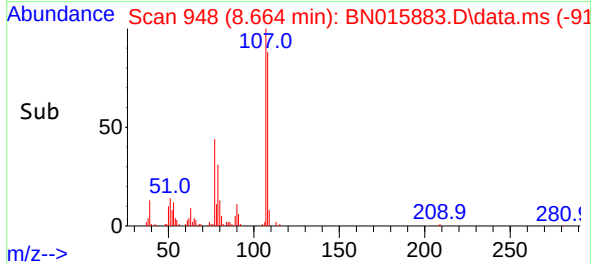
Instrument :
BNA_N
ClientSampleId :
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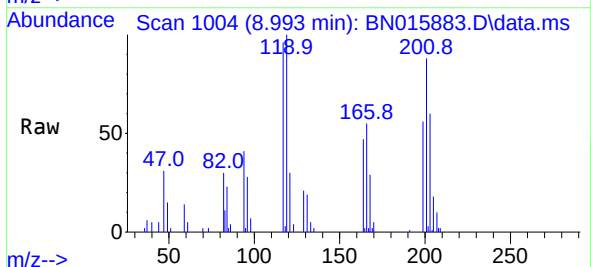
Tgt Ion:108 Resp: 85367
Ion Ratio Lower Upper
108 100
107 113.7 85.3 127.9

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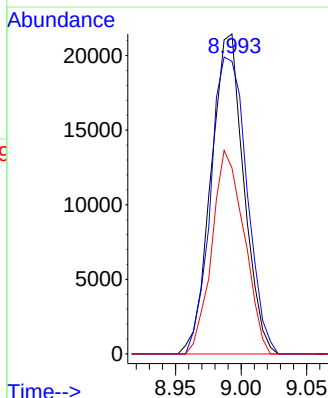
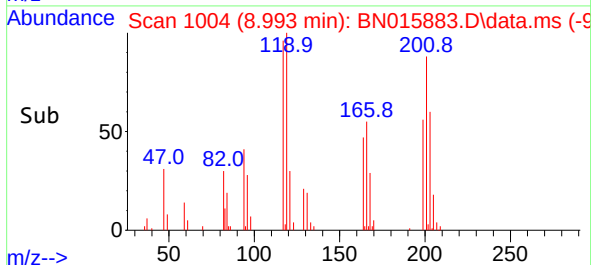
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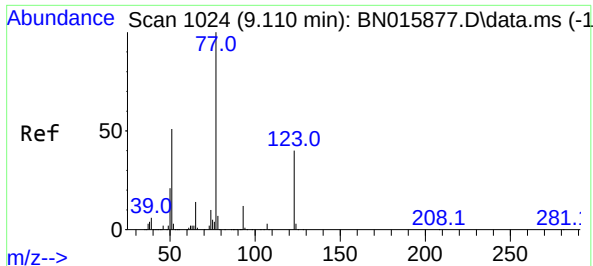


#19
Hexachloroethane
Concen: 4.494 ng/ul
RT: 8.993 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



Tgt Ion:117 Resp: 37331
Ion Ratio Lower Upper
117 100
201 91.5 74.0 111.0
199 58.2 45.0 67.4





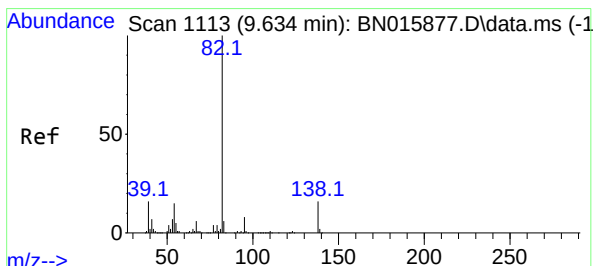
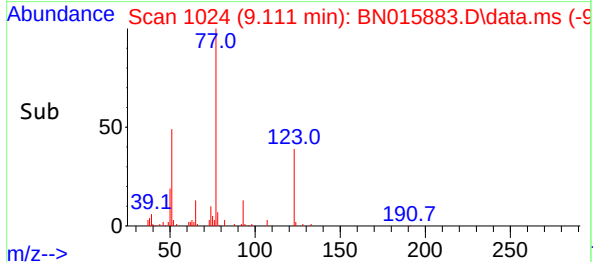
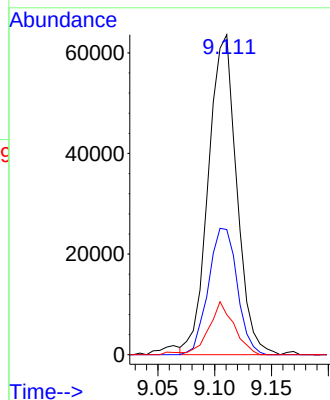
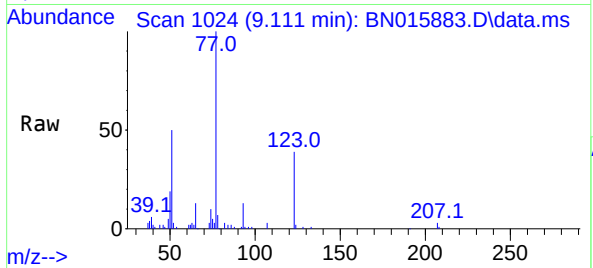
#22
Nitrobenzene
Concen: 4.609 ng/ul
RT: 9.111 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion: 77 Resp: 110377
Ion Ratio Lower Upper
77 100
123 39.1 32.2 48.4
65 12.5 10.9 16.3

Instrument :
BNA_N
ClientSampleId :
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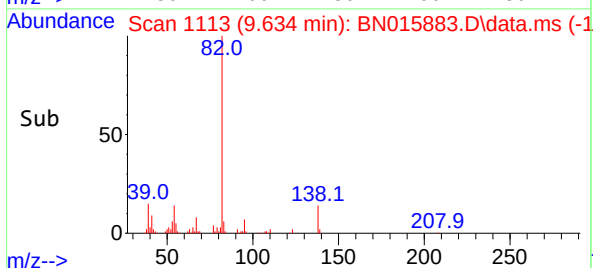
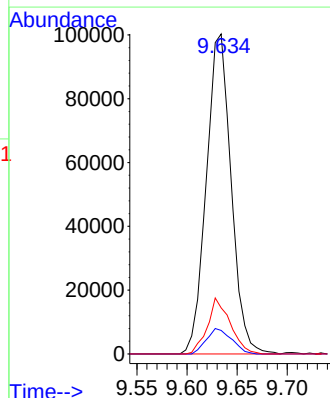
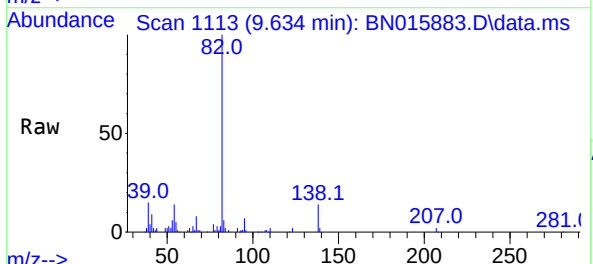
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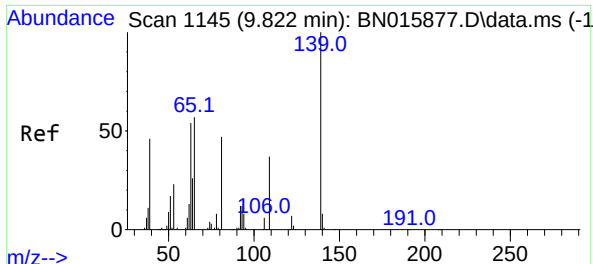
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#23
Isophorone
Concen: 4.152 ng/ul
RT: 9.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion: 82 Resp: 173009
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 14.4 13.0 19.4





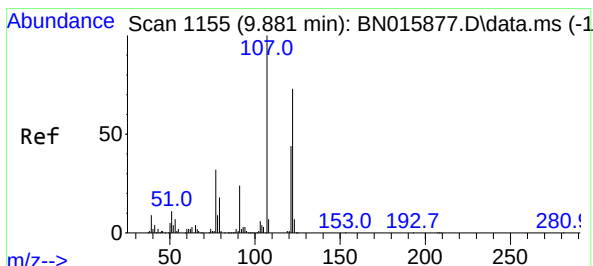
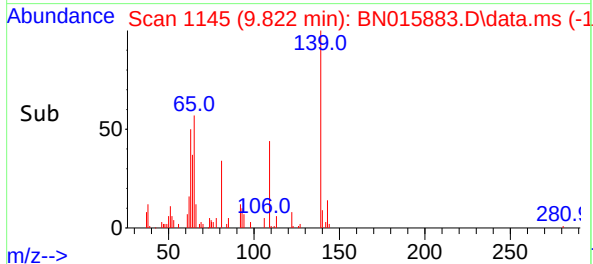
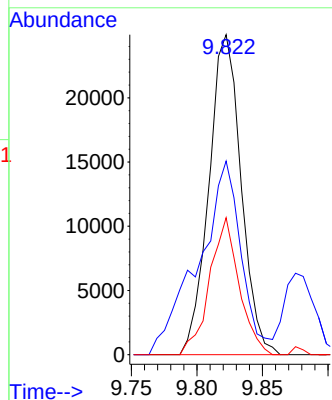
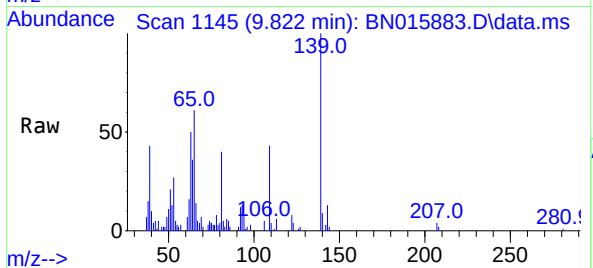
#25
2-Nitrophenol
Concen: 4.925 ng/ul
RT: 9.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:139 Resp: 42572
Ion Ratio Lower Upper
139 100
65 60.5 48.1 72.1
109 42.8 29.7 44.5

Instrument :
BNA_N
ClientSampleId :
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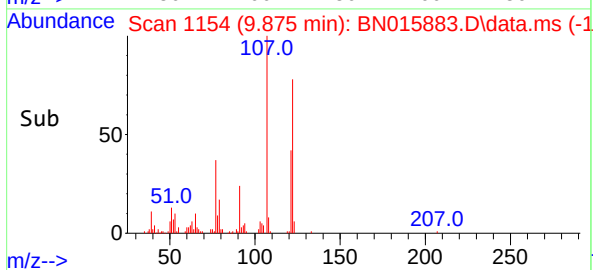
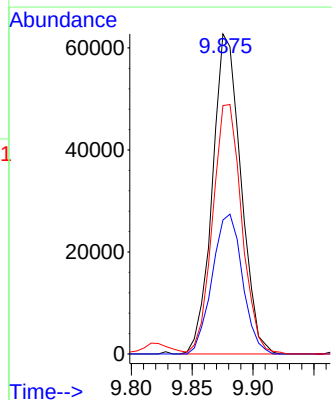
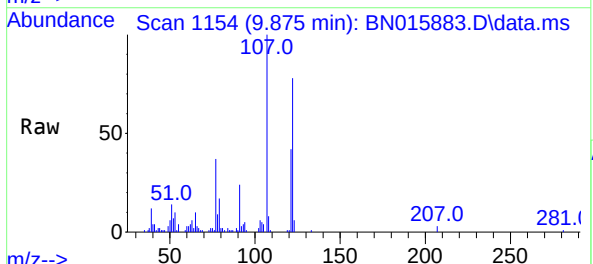
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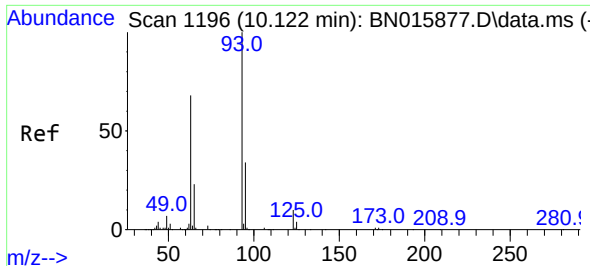
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#26
2,4-Dimethylphenol
Concen: 4.429 ng/ul
RT: 9.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

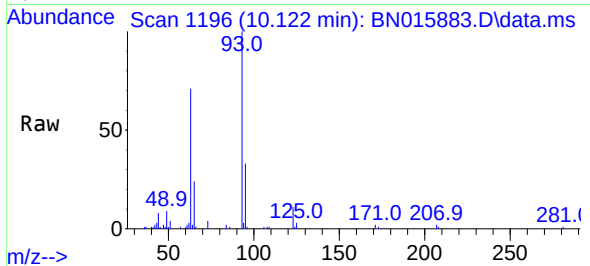
Tgt Ion:107 Resp: 102264
Ion Ratio Lower Upper
107 100
121 41.8 35.3 52.9
122 77.6 59.4 89.0





#27
Bis(2-Chloroethoxy)methane
Concen: 4.459 ng/ul
RT: 10.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

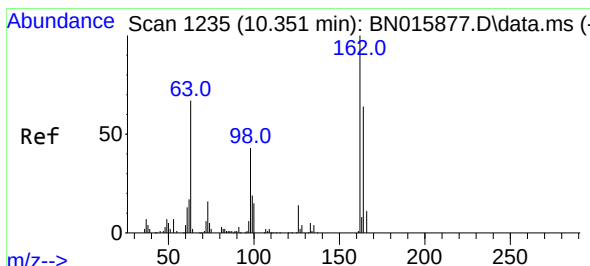
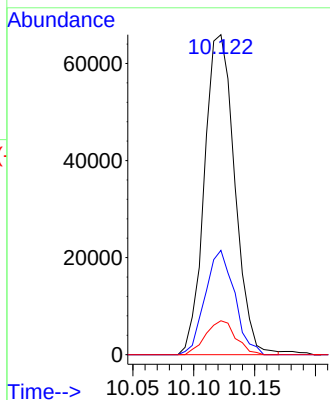
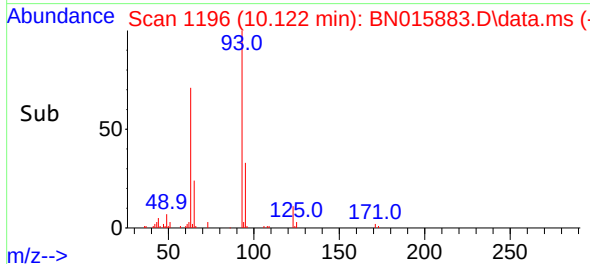
Instrument :
BNA_N
ClientSampleId :
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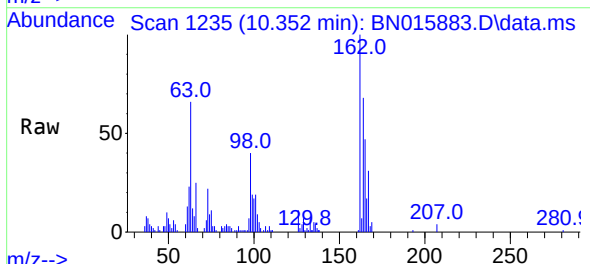
Tgt Ion: 93 Resp: 114099
Ion Ratio Lower Upper
93 100
95 32.6 26.9 40.3
123 10.6 8.3 12.5

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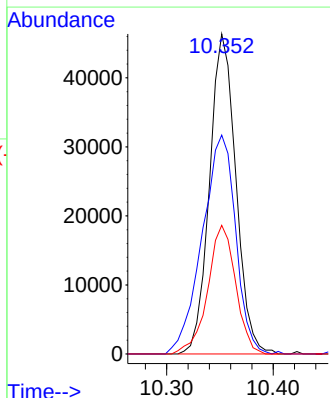
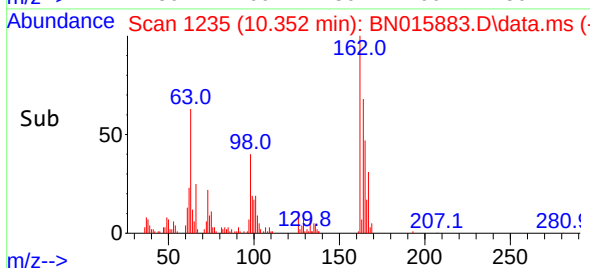
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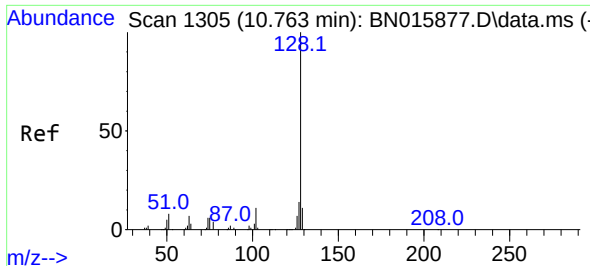


#29
2,4-Dichlorophenol
Concen: 4.714 ng/ul
RT: 10.352 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



Tgt Ion: 162 Resp: 79714
Ion Ratio Lower Upper
162 100
164 68.4 51.9 77.9
98 40.2 34.2 51.2





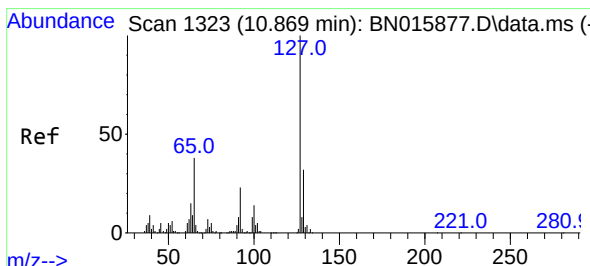
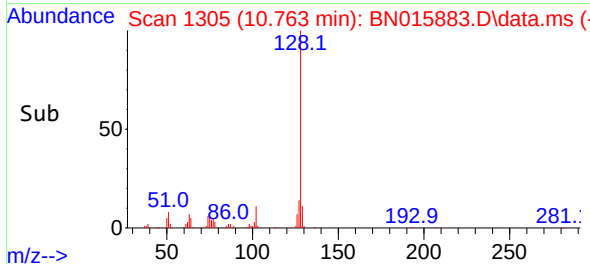
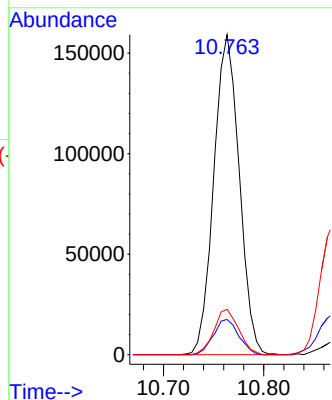
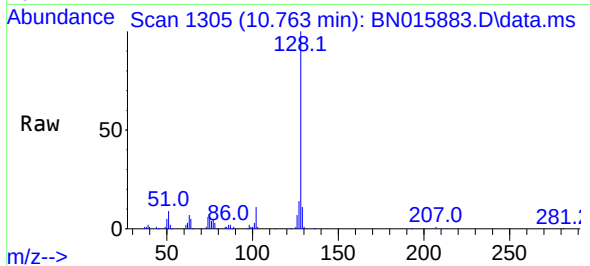
#30
Naphthalene
Concen: 4.551 ng/ul
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:128 Resp: 280468
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 14.2 11.1 16.7

Instrument :
BNA_N
ClientSampleId :
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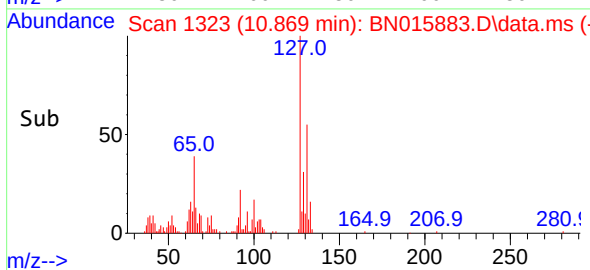
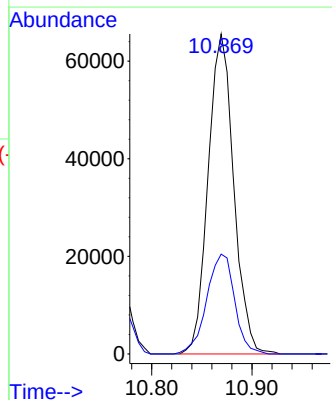
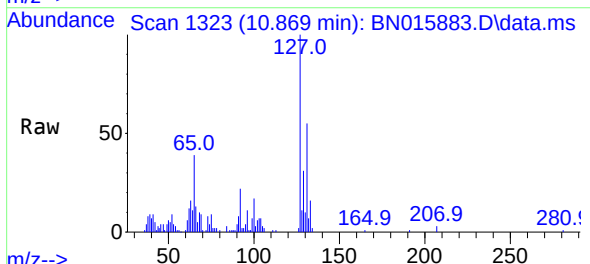
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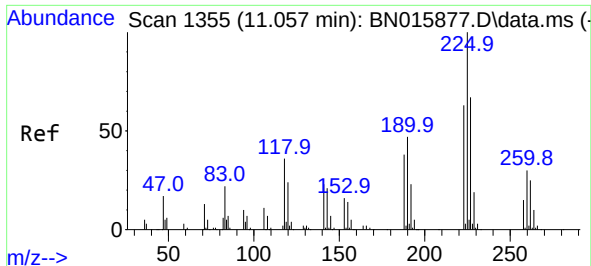
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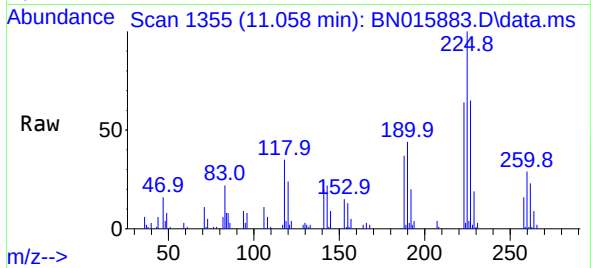
#32
4-Chloroaniline
Concen: 4.517 ng/ul
RT: 10.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:127 Resp: 116446
Ion Ratio Lower Upper
127 100
129 31.2 25.6 38.4

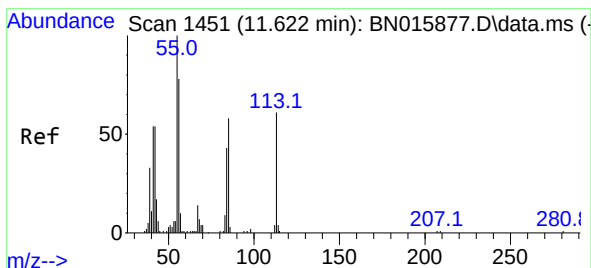
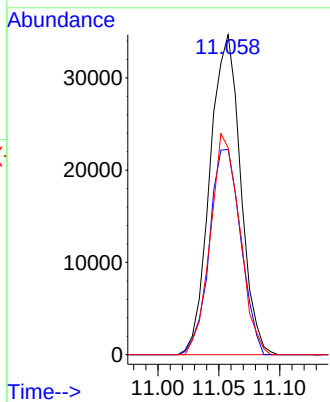
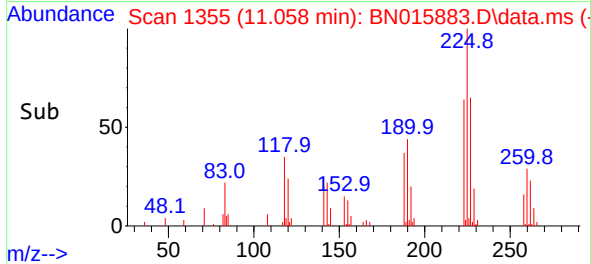




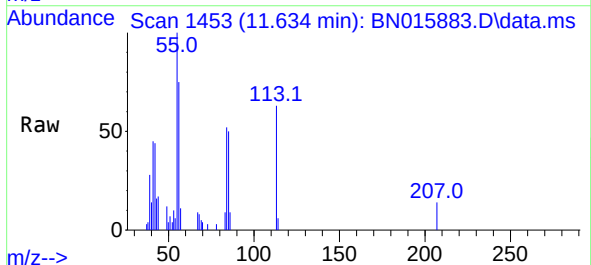
#33
Hexachlorobutadiene
Concen: 4.665 ng/ul
RT: 11.058 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



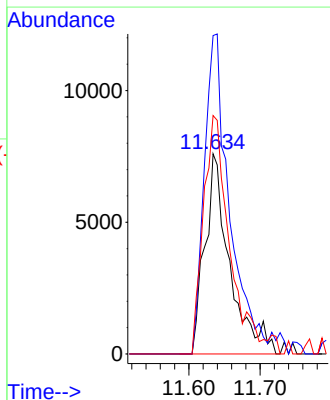
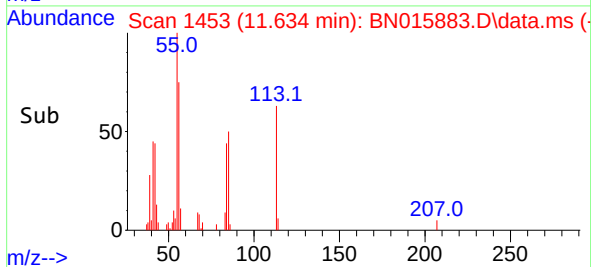
Tgt Ion:225 Resp: 60621
Ion Ratio Lower Upper
225 100
223 64.2 50.5 75.7
227 64.7 53.9 80.9



#34
Caprolactam
Concen: 3.461 ng/ul m
RT: 11.634 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



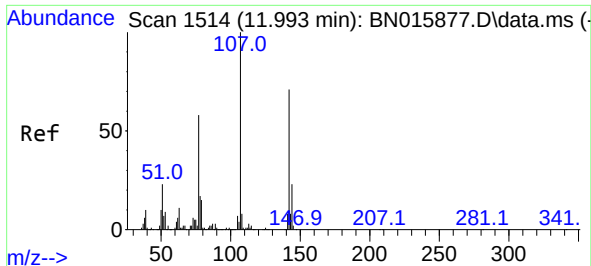
Tgt Ion:113 Resp: 18336
Ion Ratio Lower Upper
113 100
55 159.0 130.4 195.6
56 119.1 102.2 153.4



Instrument :
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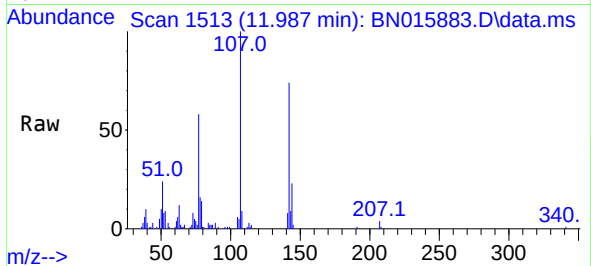
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#35
4-Chloro-3-methylphenol
Concen: 4.254 ng/ul
RT: 11.987 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

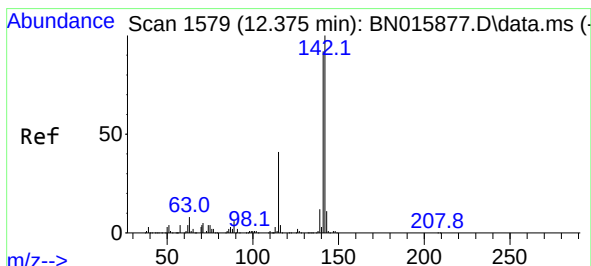
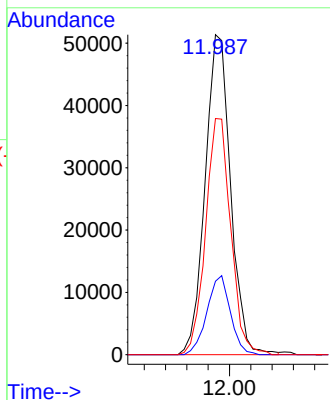
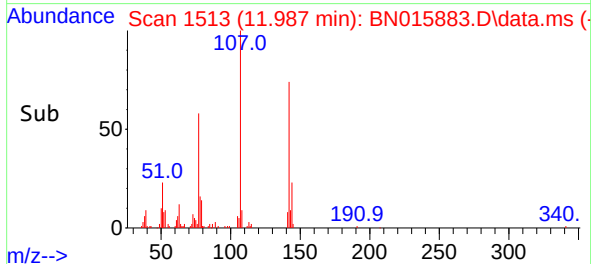
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05



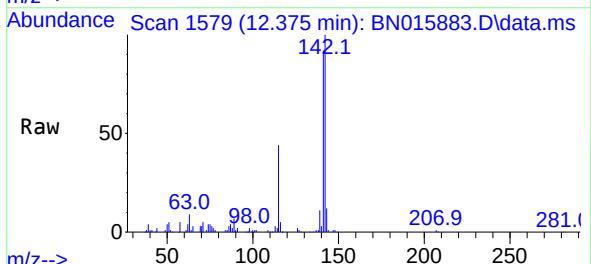
Tgt Ion:107 Resp: 85223
Ion Ratio Lower Upper
107 100
144 22.9 18.2 27.4
142 73.8 57.1 85.7

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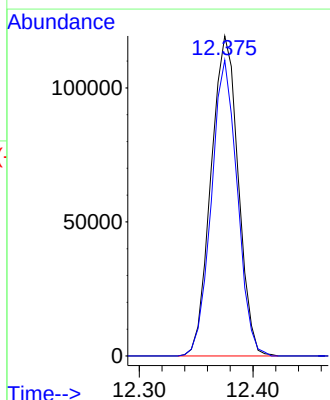
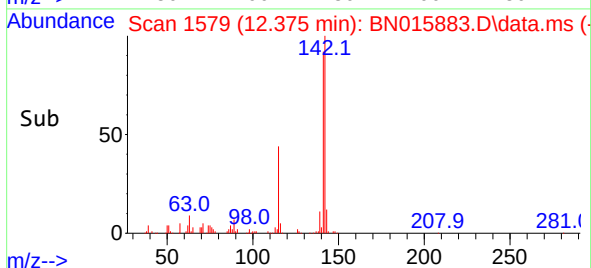
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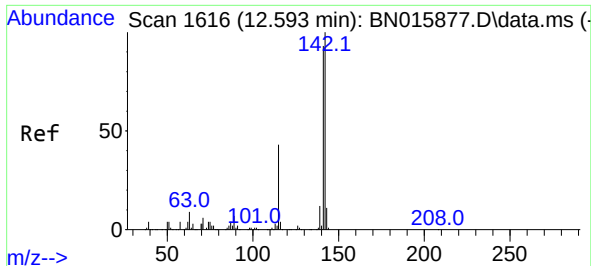


#36
2-Methylnaphthalene
Concen: 4.628 ng/ul
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



Tgt Ion:142 Resp: 198356
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.0





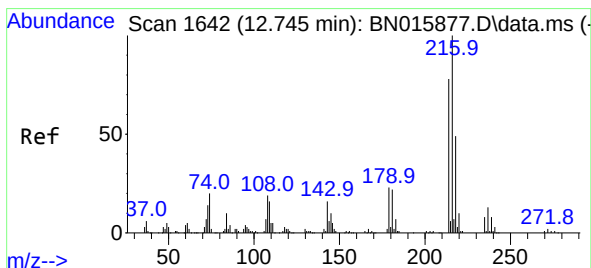
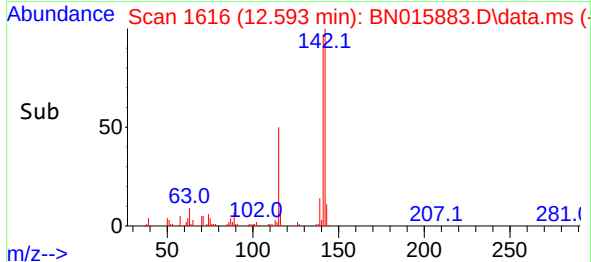
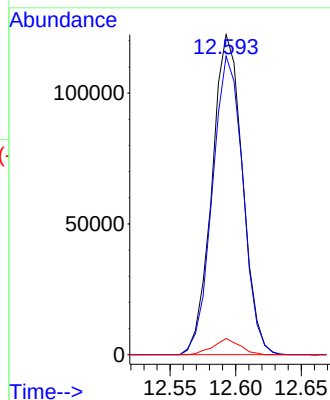
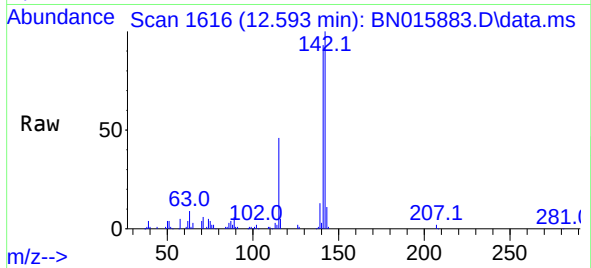
#37
1-Methylnaphthalene
Concen: 4.637 ng/ul
RT: 12.593 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:142 Resp: 197794
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4
116 5.1 3.4 5.0#

Instrument :
BNA_N
ClientSampleId :
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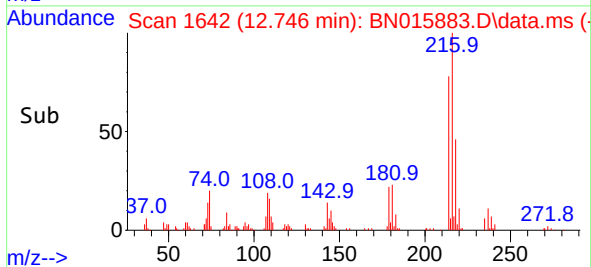
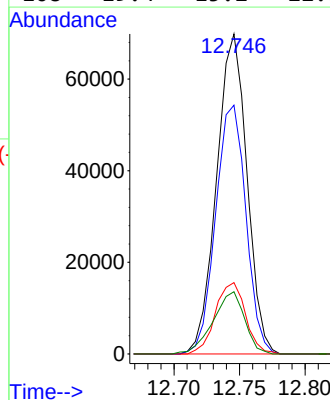
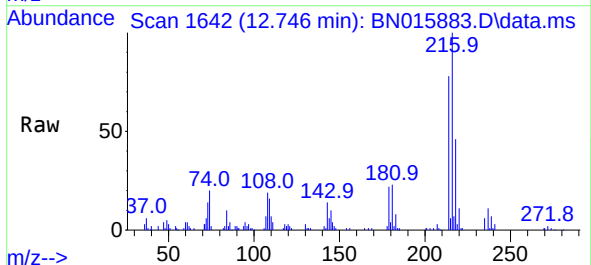
Manual Integrations
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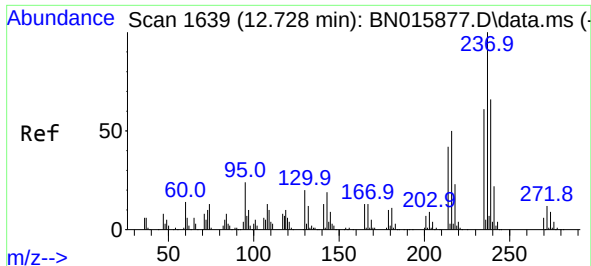
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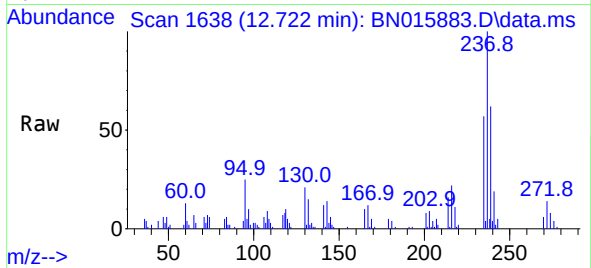
#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.787 ng/ul
RT: 12.746 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:216 Resp: 112453
Ion Ratio Lower Upper
216 100
214 77.8 62.7 94.1
179 22.3 18.6 27.8
108 19.4 15.2 22.8

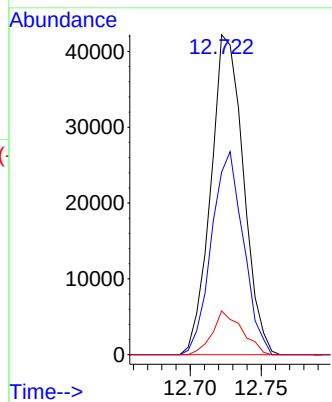
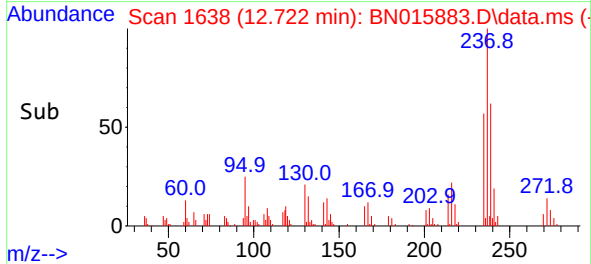




#40
Hexachlorocyclopentadiene
Concen: 4.420 ng/ul
RT: 12.722 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



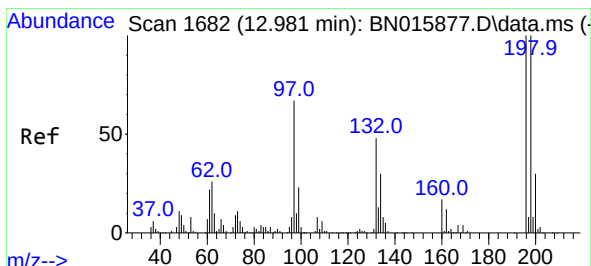
Tgt Ion:237 Resp: 67319
Ion Ratio Lower Upper
237 100
235 57.1 49.0 73.4
272 13.7 9.8 14.8



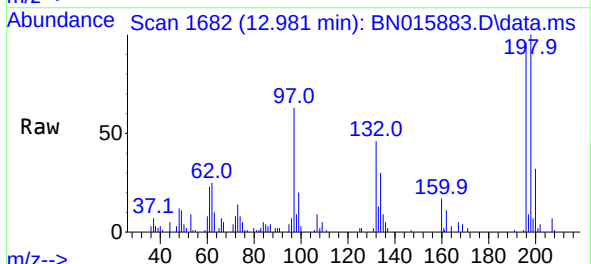
Instrument :
BNA_N
ClientSampleId :
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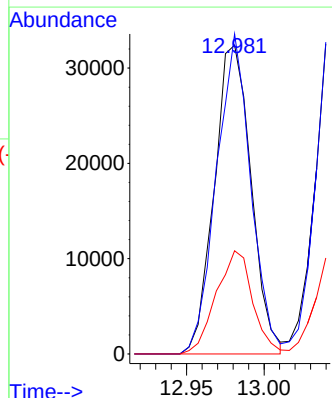
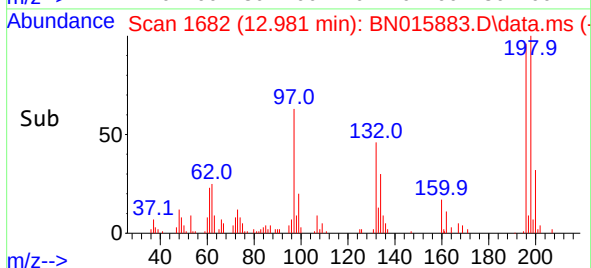
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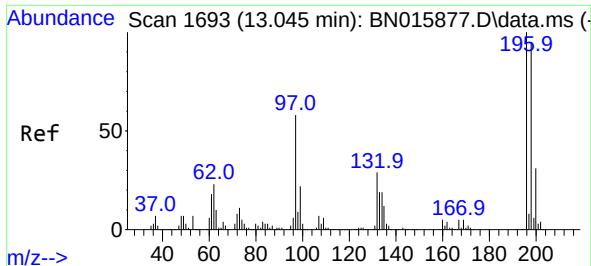


#41
2,4,6-Trichlorophenol
Concen: 4.168 ng/ul
RT: 12.981 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



Tgt Ion:196 Resp: 53541
Ion Ratio Lower Upper
196 100
198 103.6 79.9 119.9
200 33.4 23.6 35.4





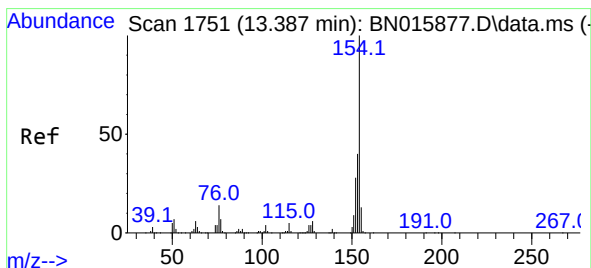
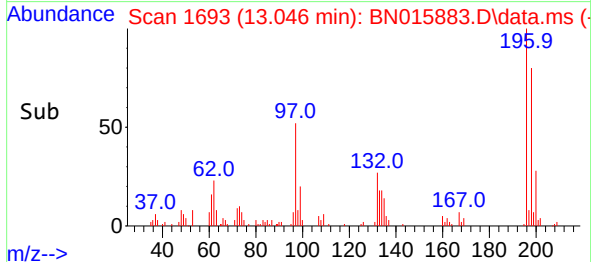
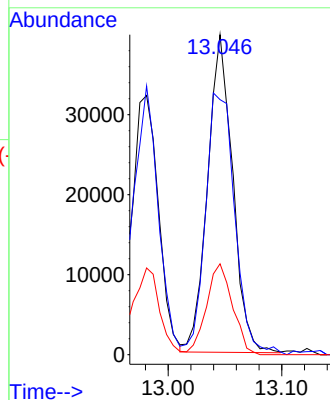
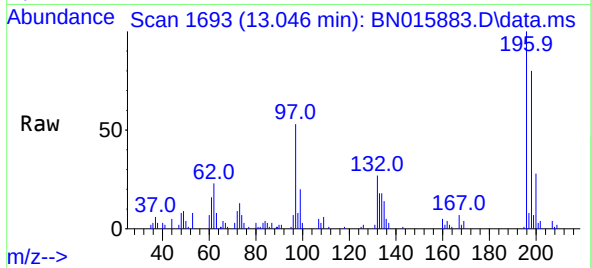
#42
2,4,5-Trichlorophenol
Concen: 4.341 ng/ul
RT: 13.046 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:196 Resp: 60877
Ion Ratio Lower Upper
196 100
198 79.7 76.5 114.7
200 28.4 24.6 37.0

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

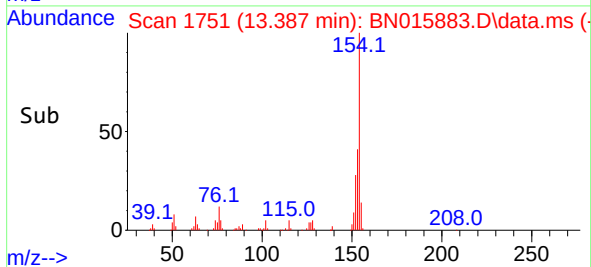
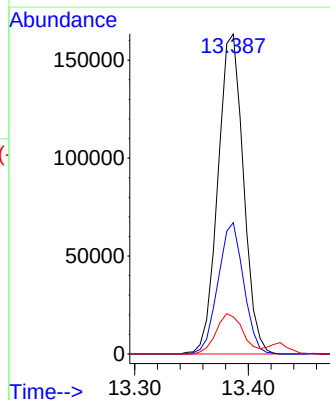
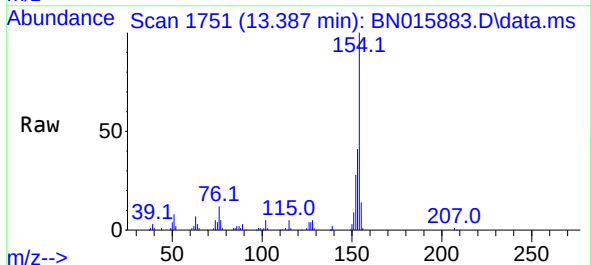
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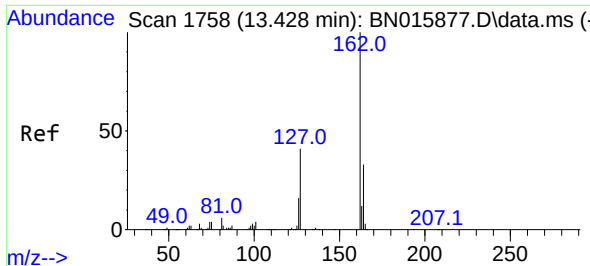
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#43
1,1'-Biphenyl
Concen: 4.540 ng/ul
RT: 13.387 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:154 Resp: 254913
Ion Ratio Lower Upper
154 100
153 41.0 32.1 48.1
76 11.6 11.0 16.6





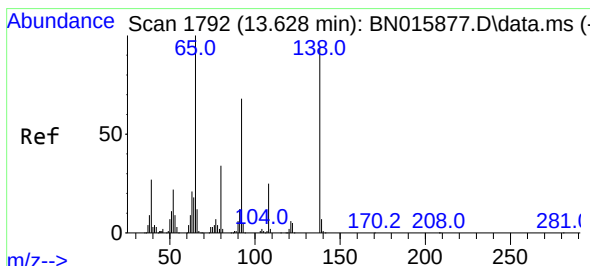
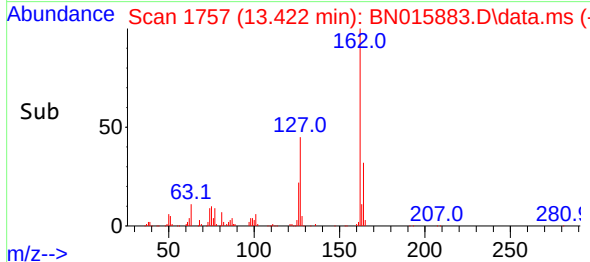
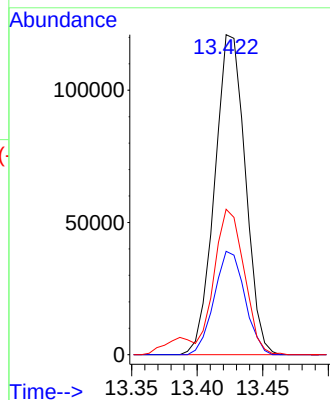
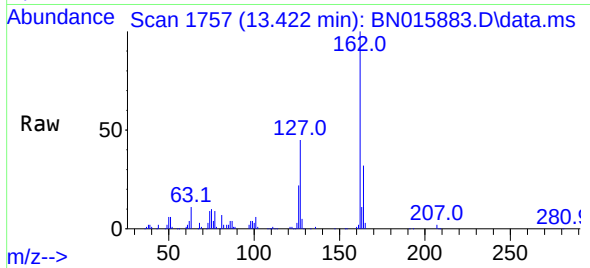
#44
2-Chloronaphthalene
Concen: 4.537 ng/ul
RT: 13.422 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:	162	Resp:	196738
Ion Ratio	Lower	Upper	
162	100		
164	32.3	26.6	40.0
127	45.4	36.3	54.5

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

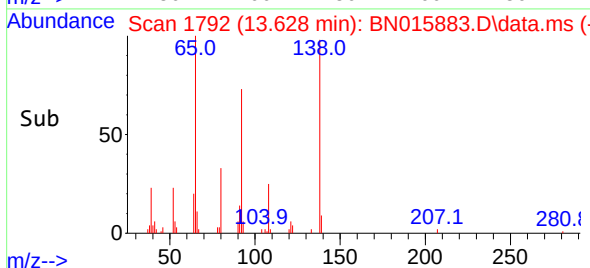
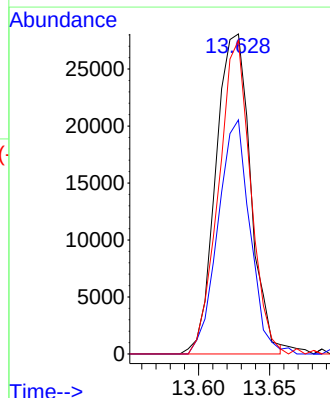
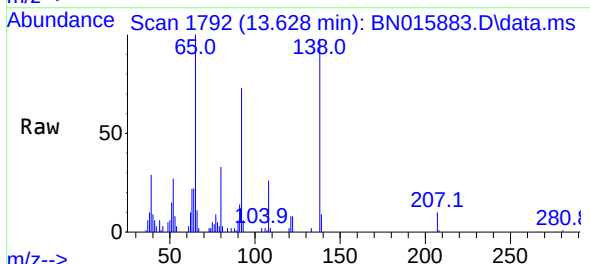
Manual Integrations
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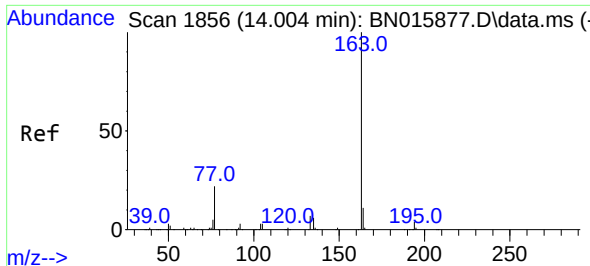
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#45
2-Nitroaniline
Concen: 3.885 ng/ul
RT: 13.628 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:	65	Resp:	47734
Ion Ratio	Lower	Upper	
65	100		
92	73.1	54.5	81.7
138	97.9	75.4	113.0





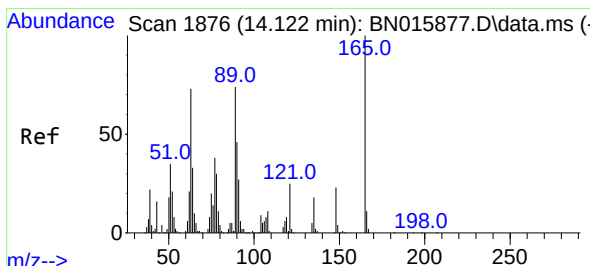
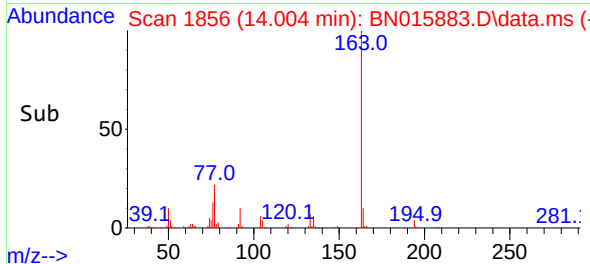
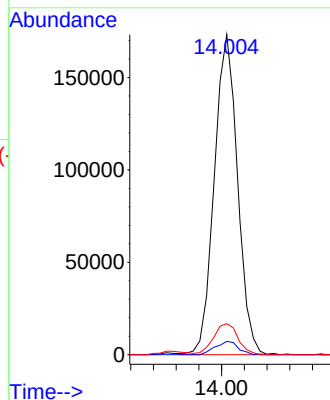
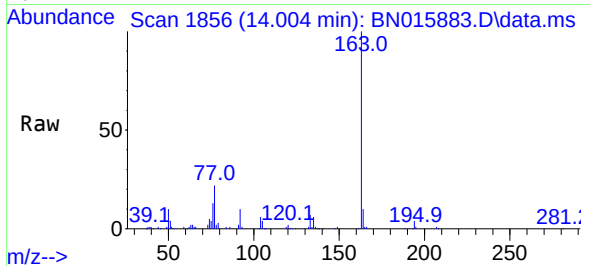
#47
Dimethylphthalate
Concen: 4.668 ng/ul
RT: 14.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:163 Resp: 246254
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.7 8.6 12.8

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

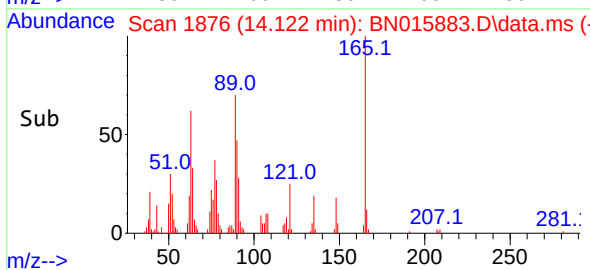
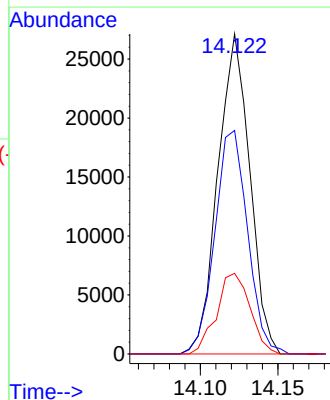
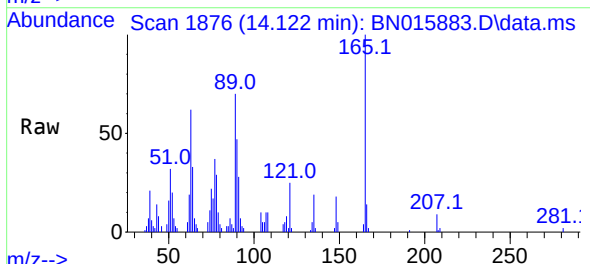
Manual Integrations
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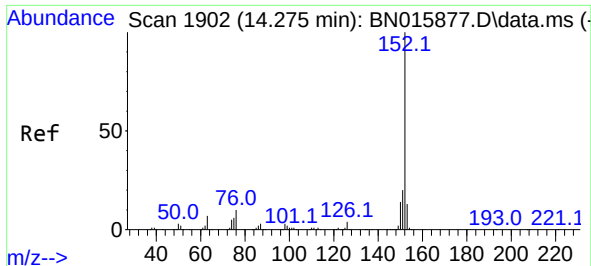
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#48
2,6-Dinitrotoluene
Concen: 4.061 ng/ul
RT: 14.122 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

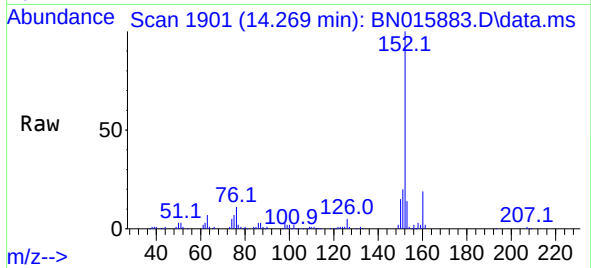
Tgt Ion:165 Resp: 38804
Ion Ratio Lower Upper
165 100
89 69.9 59.5 89.3
121 25.2 20.0 30.0





#50
Acenaphthylene
Concen: 4.600 ng/ul
RT: 14.269 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

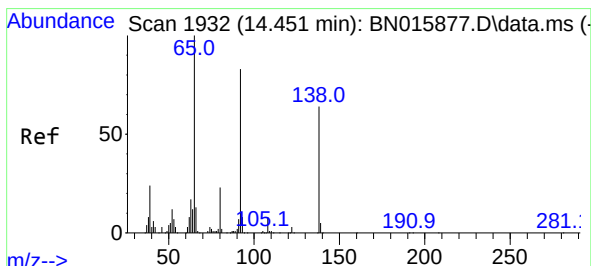
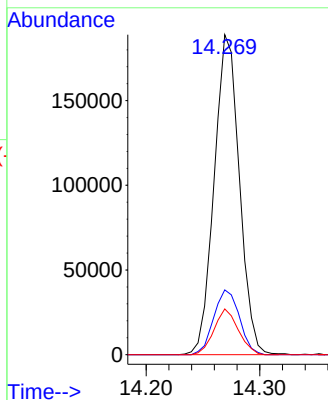
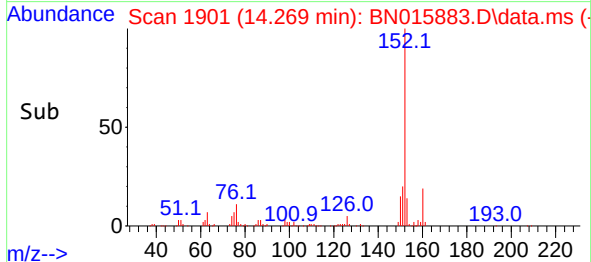
Instrument :
BNA_N
ClientSampleId :
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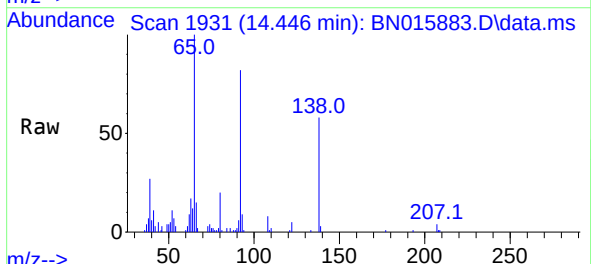
Tgt Ion:152 Resp: 291482
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.3 10.3 15.5

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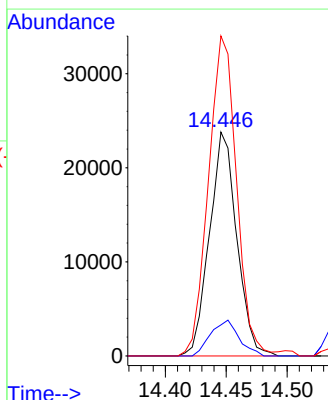
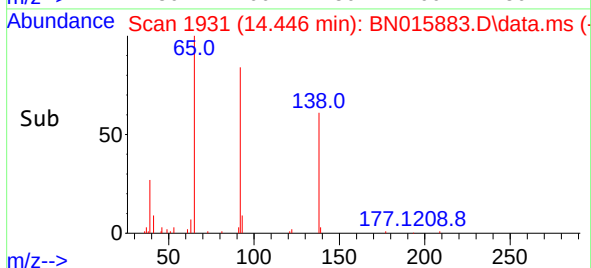
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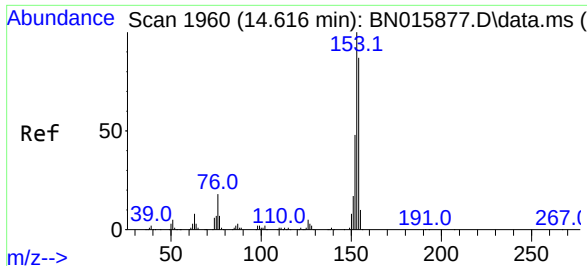


#51
3-Nitroaniline
Concen: 3.624 ng/ul
RT: 14.446 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



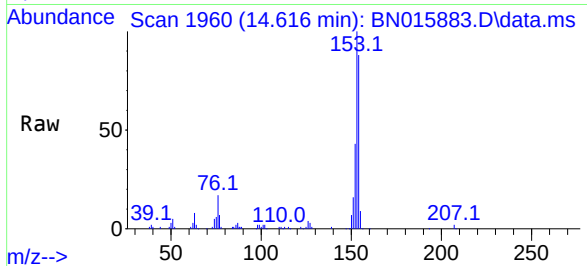
Tgt Ion:138 Resp: 37229
Ion Ratio Lower Upper
138 100
108 13.9 10.3 15.5
92 142.9 103.9 155.9





#52
Acenaphthene
Concen: 4.682 ng/ul
RT: 14.616 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

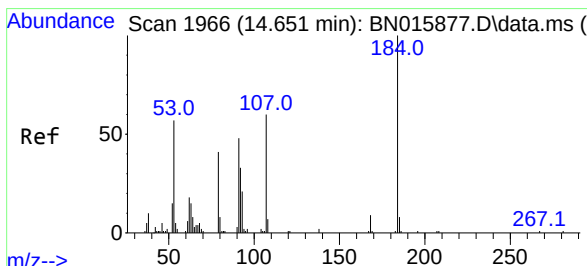
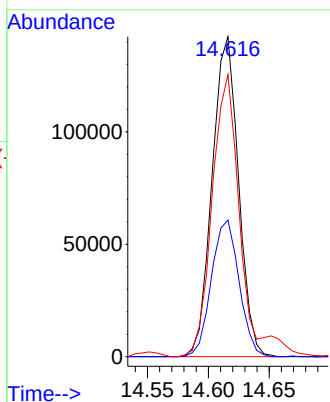
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05



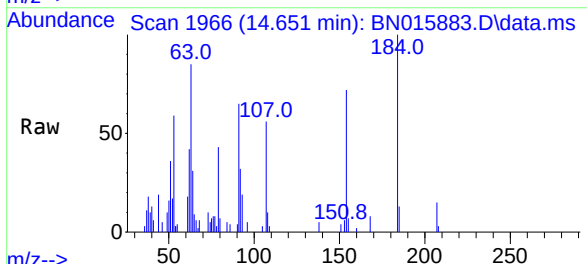
Tgt Ion:153 Resp: 214580
Ion Ratio Lower Upper
153 100
152 42.7 38.6 57.8
154 88.2 69.3 103.9

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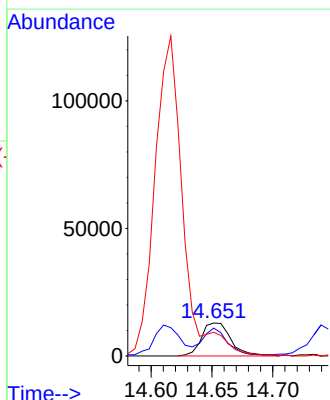
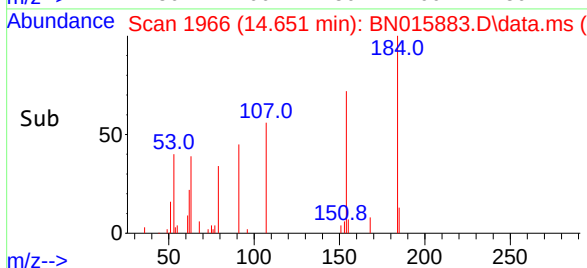
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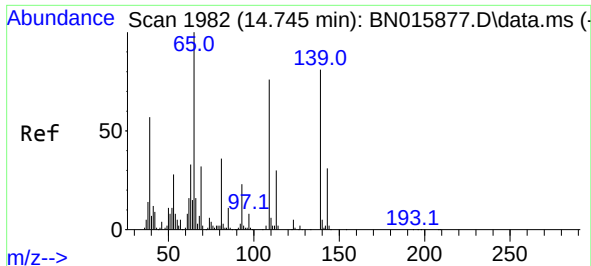


#53
2,4-Dinitrophenol
Concen: 4.117 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



Tgt Ion:184 Resp: 21854
Ion Ratio Lower Upper
184 100
63 84.8 64.8 97.2
154 71.9 59.7 89.5





#55
4-Nitrophenol
Concen: 4.524 ng/ul
RT: 14.746 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

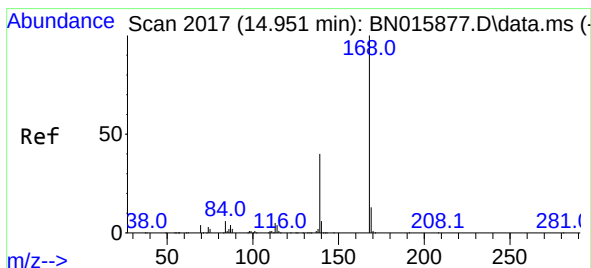
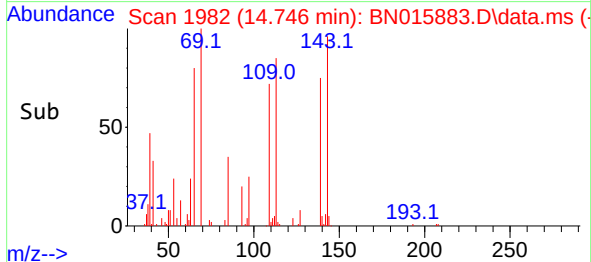
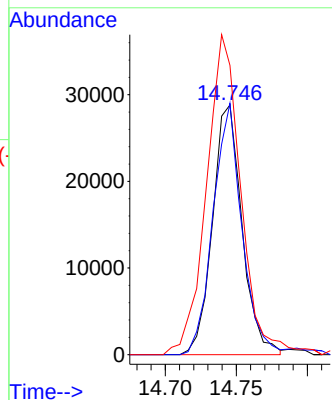
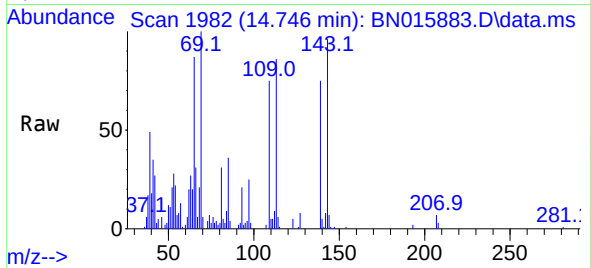
Tgt Ion:109 Resp: 41665

Ion	Ratio	Lower	Upper
109	100		
139	100.7	84.7	127.1
65	115.8	105.0	157.6

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

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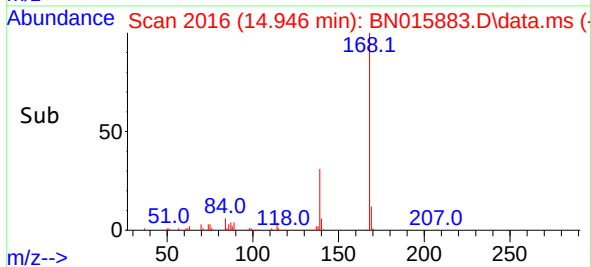
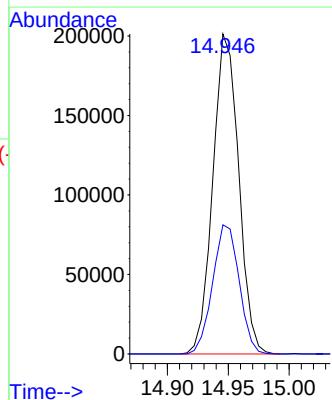
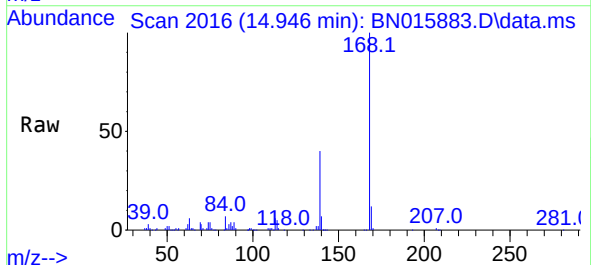
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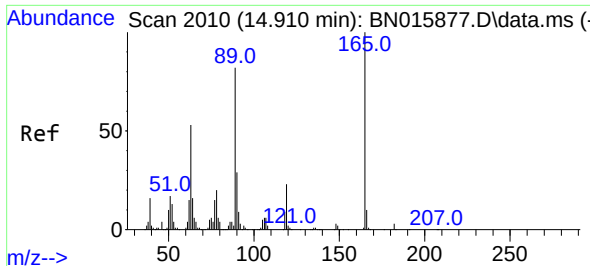


#56
Dibenzofuran
Concen: 4.683 ng/ul
RT: 14.946 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:168 Resp: 296742

Ion	Ratio	Lower	Upper
168	100		
139	40.3	31.8	47.6





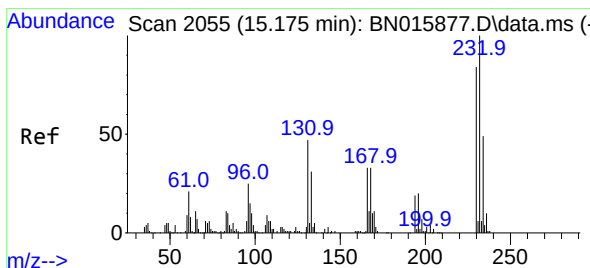
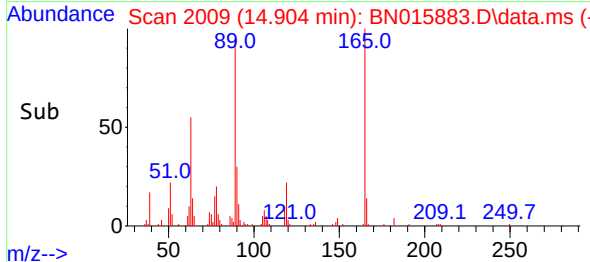
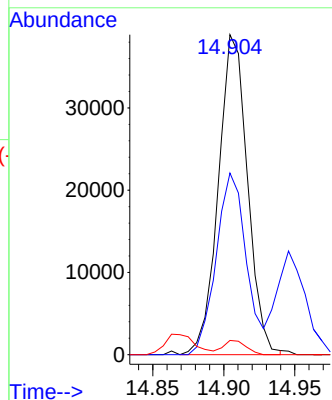
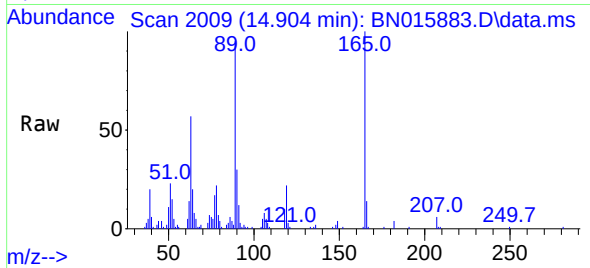
#57
2,4-Dinitrotoluene
Concen: 4.039 ng/ul
RT: 14.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:165 Resp: 55586
Ion Ratio Lower Upper
165 100
63 56.7 42.8 64.2
182 4.4 2.2 3.4#

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

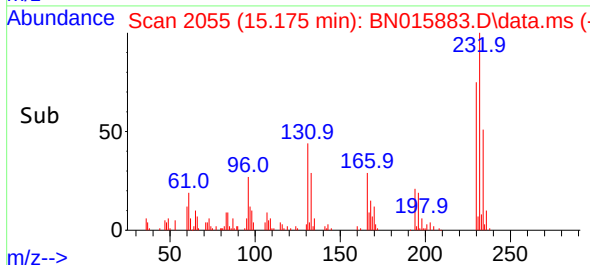
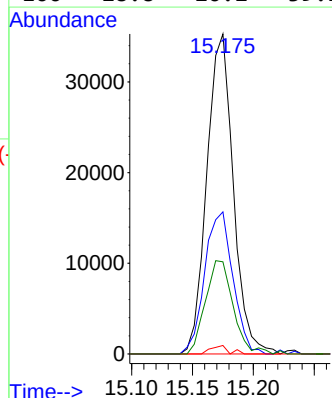
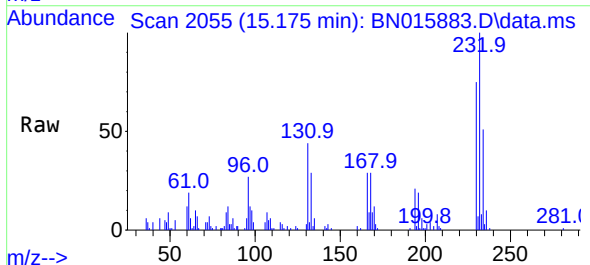
Manual Integrations
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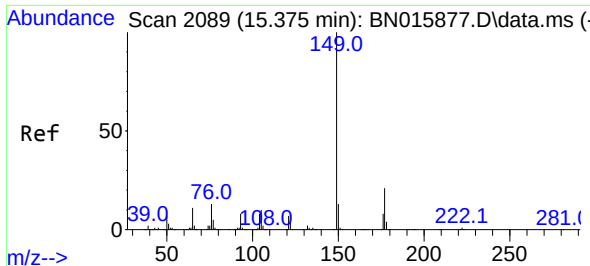
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#58
2,3,4,6-Tetrachlorophenol
Concen: 4.598 ng/ul
RT: 15.175 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:232 Resp: 53358
Ion Ratio Lower Upper
232 100
131 44.4 37.5 56.3
130 2.7 2.2 3.4
166 28.8 26.2 39.2





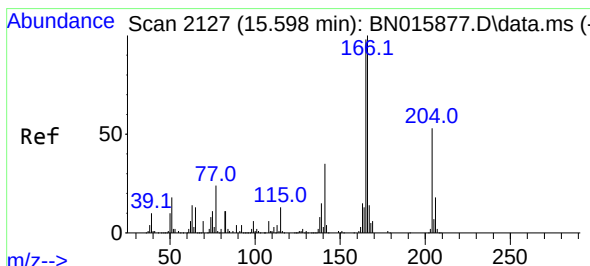
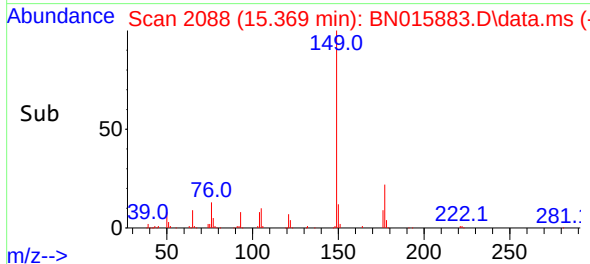
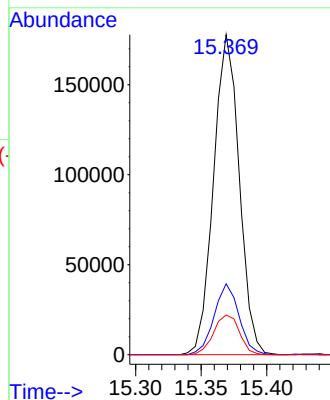
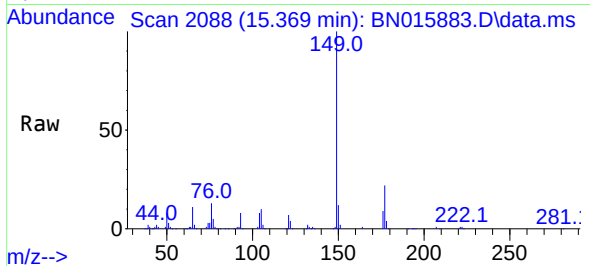
#59
Diethylphthalate
Concen: 4.585 ng/ul
RT: 15.369 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:149 Resp: 241856
Ion Ratio Lower Upper
149 100
177 22.2 17.2 25.8
150 12.4 10.2 15.2

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

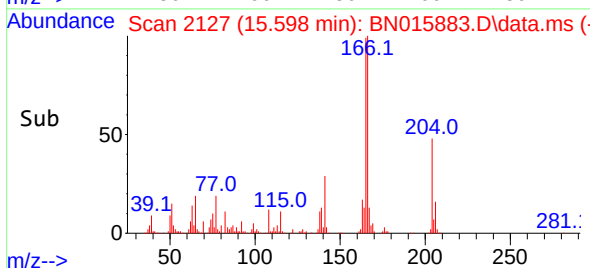
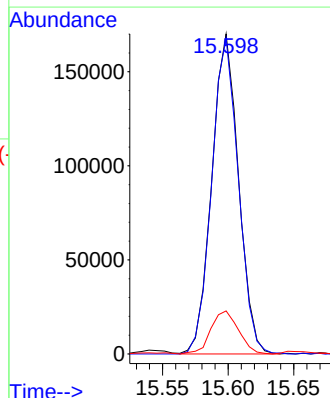
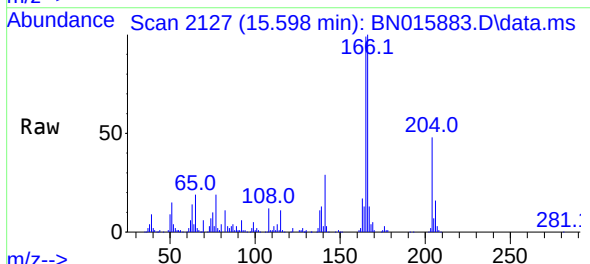
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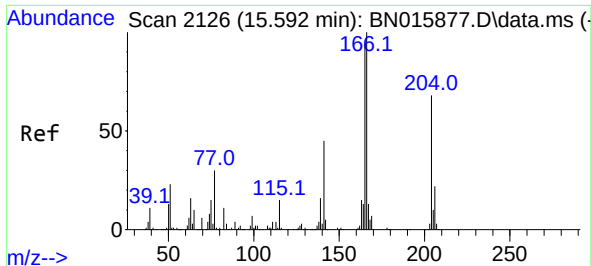
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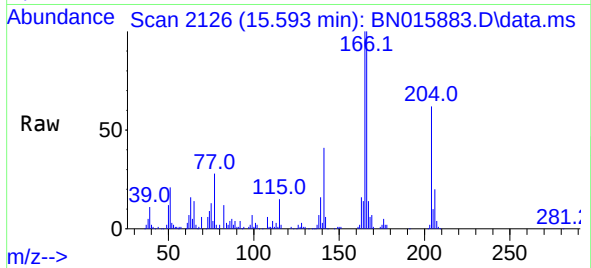
#61
Fluorene
Concen: 4.656 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:166 Resp: 240750
Ion Ratio Lower Upper
166 100
165 98.7 78.4 117.6
167 13.5 10.8 16.2

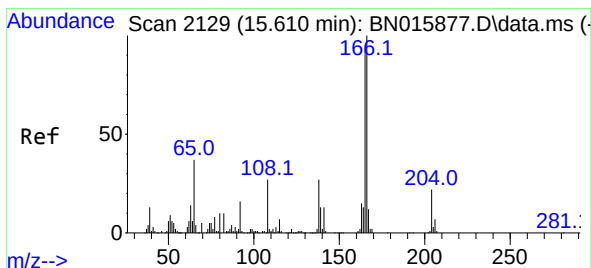
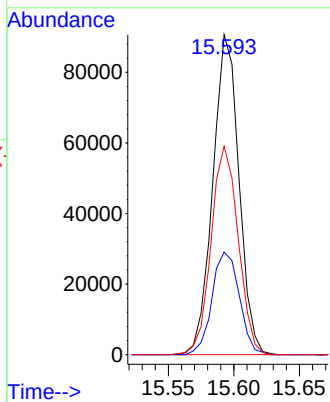
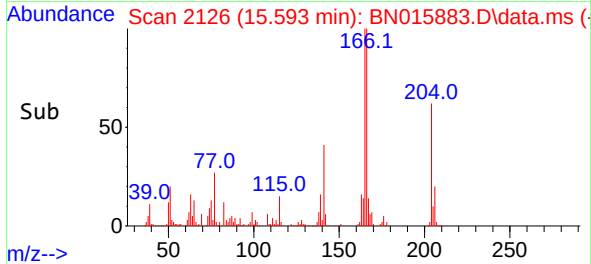




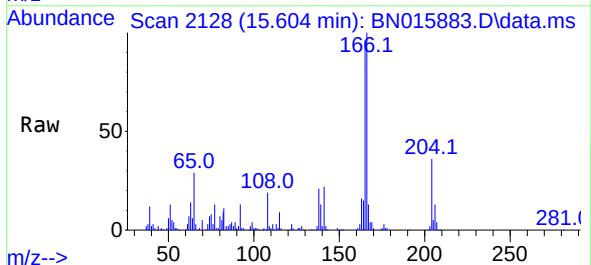
#62
4-Chlorophenyl-phenylether
Concen: 4.654 ng/ul
RT: 15.593 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



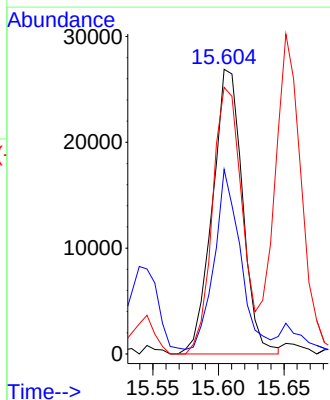
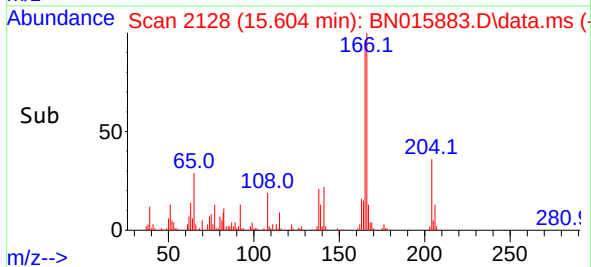
Tgt Ion:204 Resp: 125484
Ion Ratio Lower Upper
204 100
206 32.0 26.1 39.1
141 65.1 53.4 80.0



#63
4-Nitroaniline
Concen: 4.376 ng/ul
RT: 15.604 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



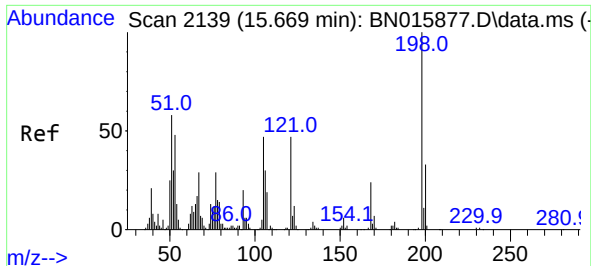
Tgt Ion:138 Resp: 43071
Ion Ratio Lower Upper
138 100
92 64.8 48.6 72.8
108 93.7 80.7 121.1



Instrument :
BNA_N
ClientSampleId :
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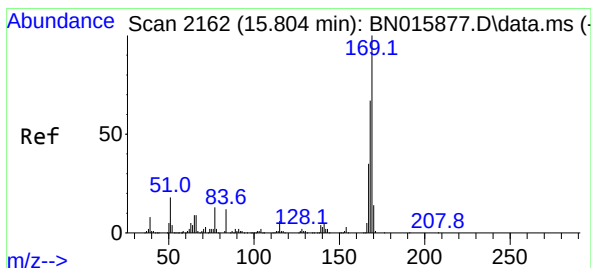
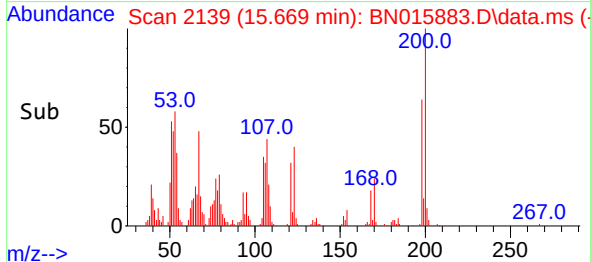
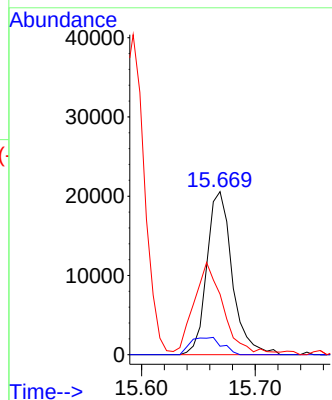
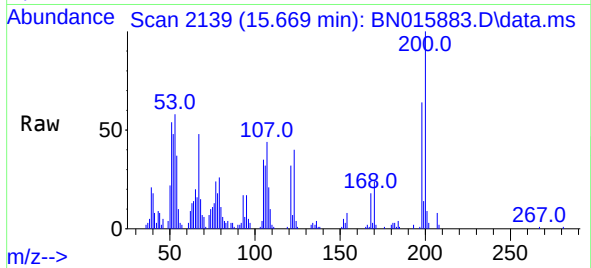
#66
4,6-Dinitro-2-methylphenol
Concen: 3.972 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:198 Resp: 31991
Ion Ratio Lower Upper
198 100
182 5.2 3.0 4.4#
77 37.1 23.4 35.0#

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

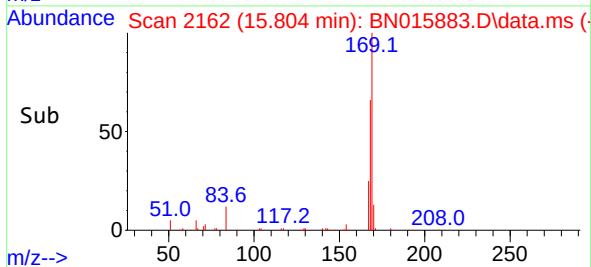
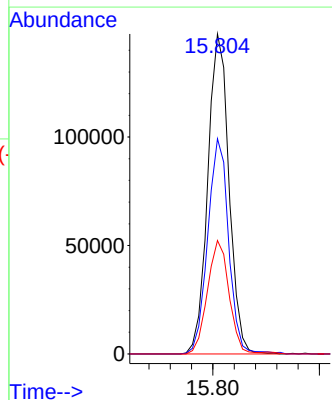
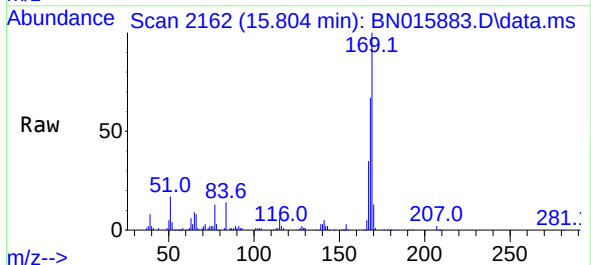
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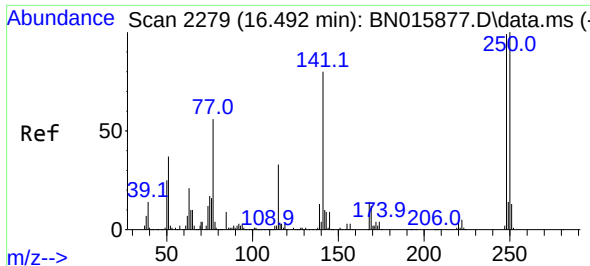
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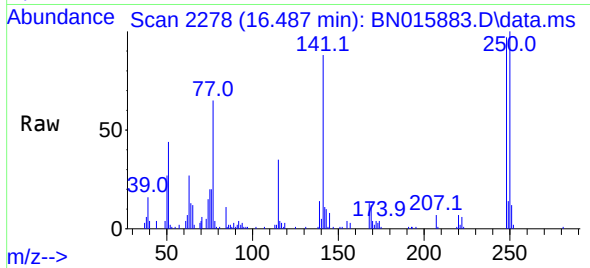
#67
N-Nitrosodiphenylamine
Concen: 4.613 ng/ul
RT: 15.804 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:169 Resp: 204166
Ion Ratio Lower Upper
169 100
168 67.3 53.5 80.3
167 35.5 27.9 41.9



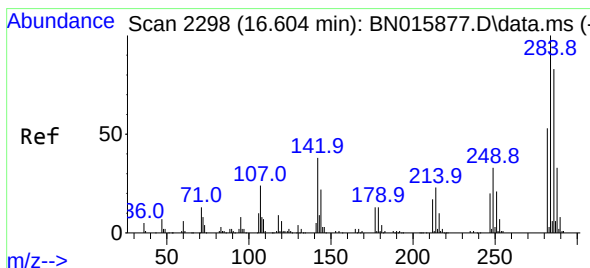
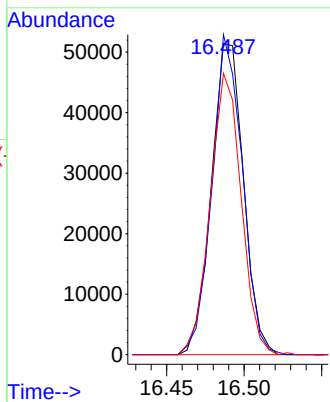
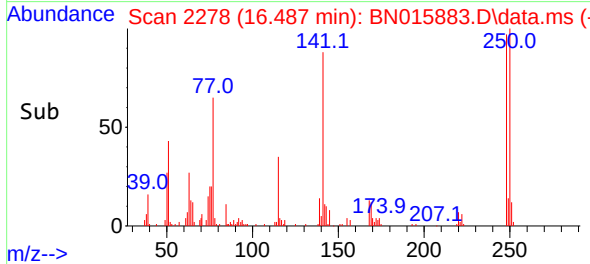


#68
4-Bromophenyl-phenylether
Concen: 4.564 ng/ul
RT: 16.487 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

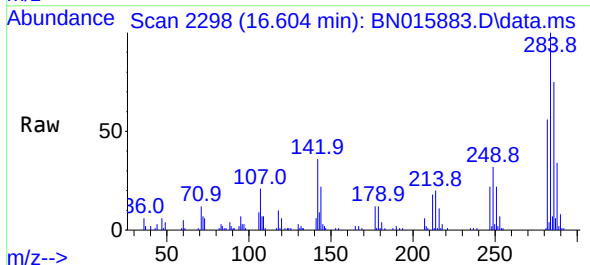


Tgt Ion: 248 Resp: 74262

Ion	Ratio	Lower	Upper
248	100		
250	102.8	81.1	121.7
141	90.4	64.7	97.1

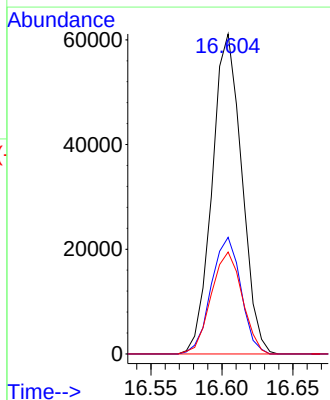
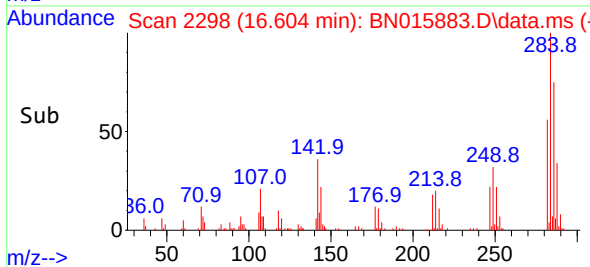


#69
Hexachlorobenzene
Concen: 4.662 ng/ul
RT: 16.604 min Scan# 2298
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



Tgt Ion: 284 Resp: 88652

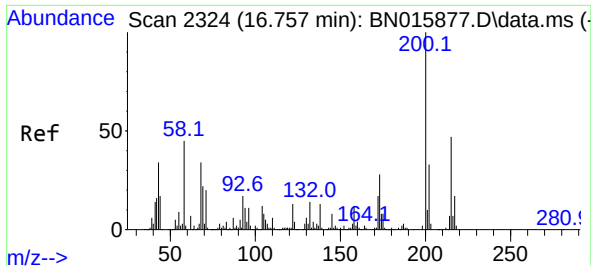
Ion	Ratio	Lower	Upper
284	100		
142	36.4	30.3	45.5
249	34.9	26.3	39.5



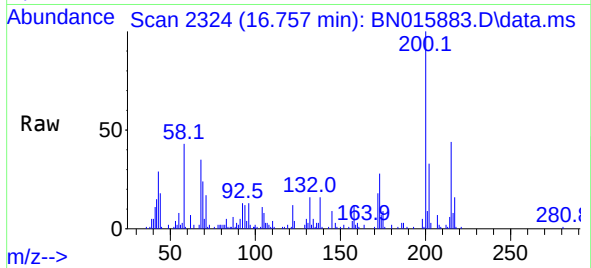
Instrument :
BNA_N
ClientSampleId :
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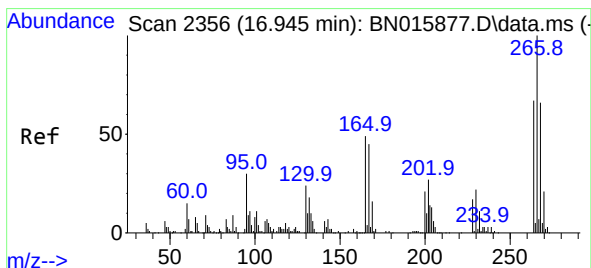
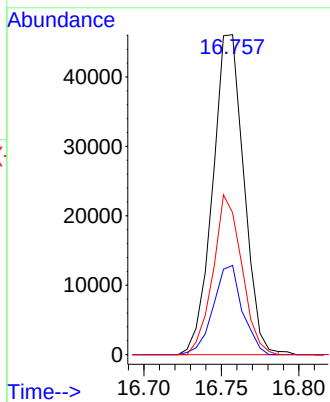
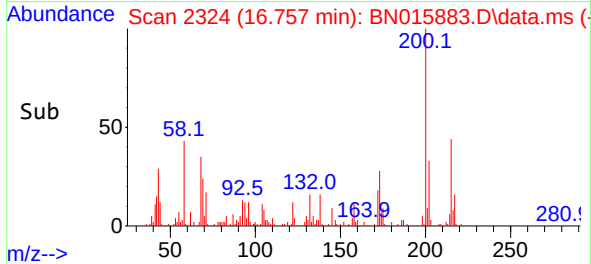
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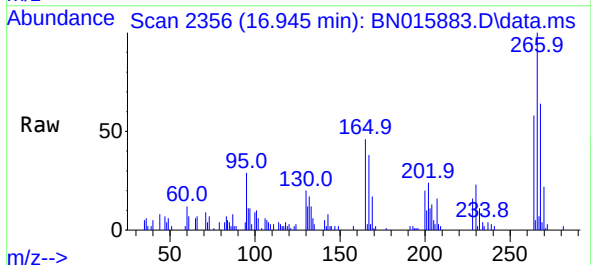
#70
Atrazine
Concen: 4.017 ng/ul
RT: 16.757 min Scan# 2324
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



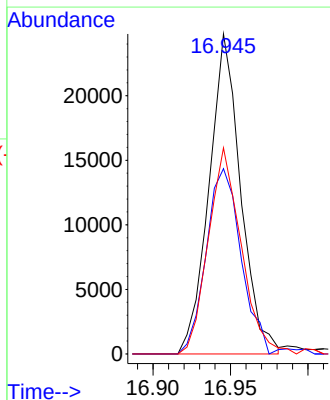
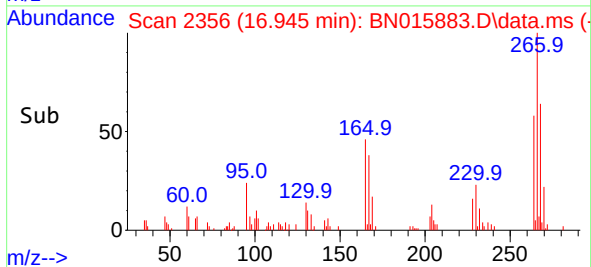
Tgt Ion:200 Resp: 64494
Ion Ratio Lower Upper
200 100
173 27.9 22.2 33.2
215 44.3 37.6 56.4



#71
Pentachlorophenol
Concen: 3.297 ng/ul
RT: 16.945 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



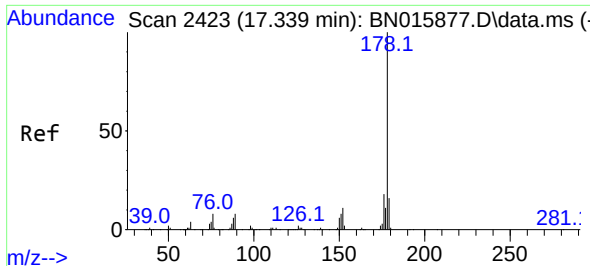
Tgt Ion:266 Resp: 35171
Ion Ratio Lower Upper
266 100
264 57.9 53.8 80.6
268 68.3 52.7 79.1



Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

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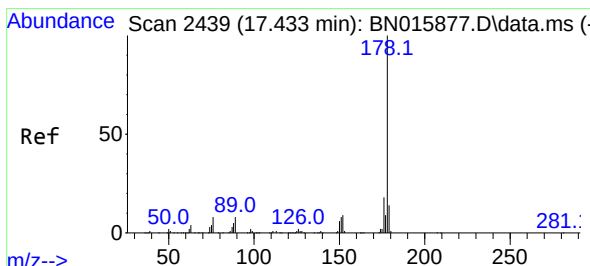
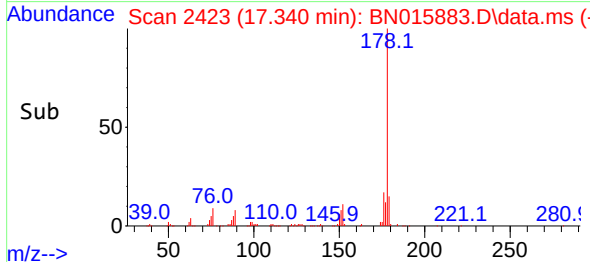
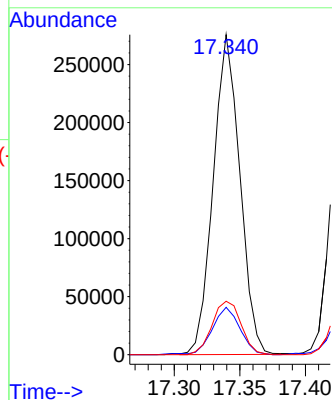
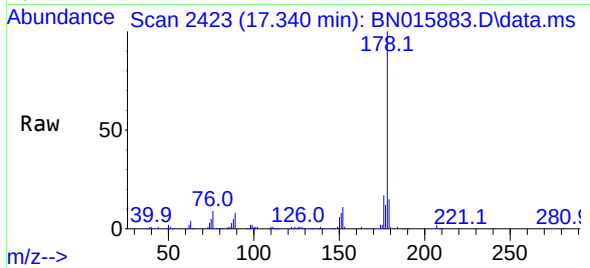
#72
Phenanthrene
Concen: 4.724 ng/u1
RT: 17.340 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:178 Resp: 389443
Ion Ratio Lower Upper
178 100
179 14.8 12.5 18.7
176 16.7 14.6 21.8

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

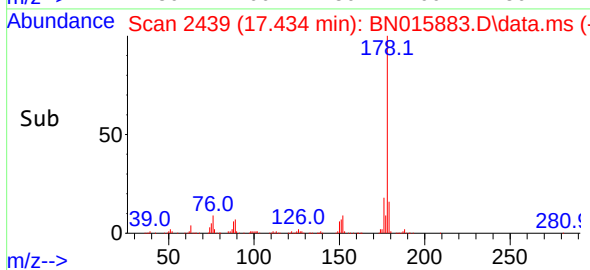
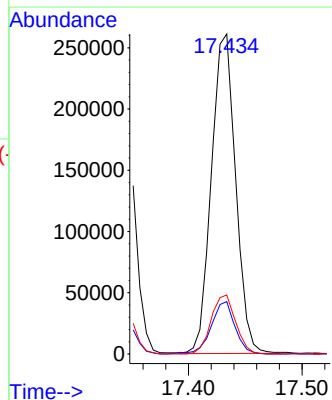
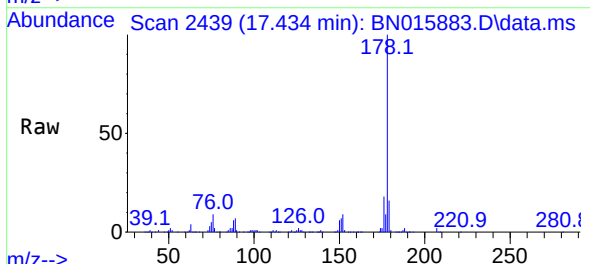
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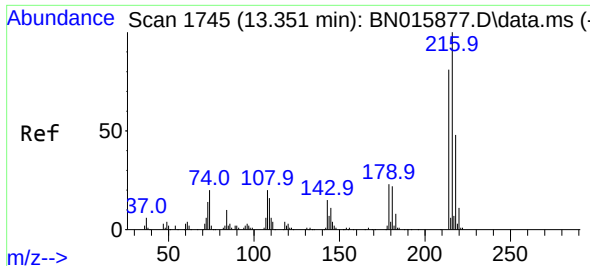
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#74
Anthracene
Concen: 4.603 ng/u1
RT: 17.434 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:178 Resp: 387430
Ion Ratio Lower Upper
178 100
179 16.3 11.6 17.4
176 18.4 14.4 21.6





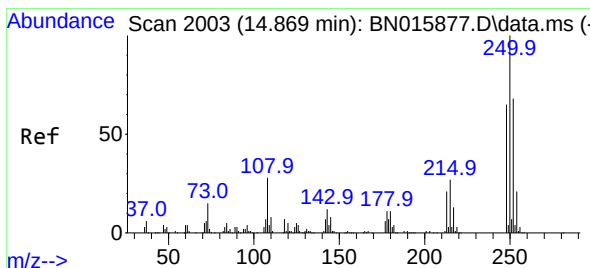
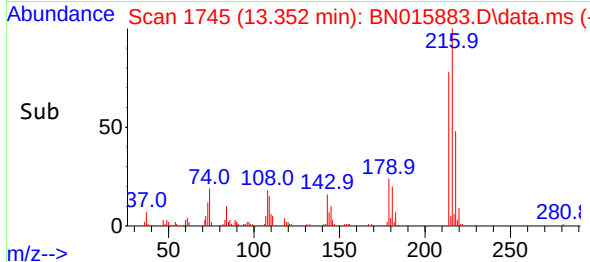
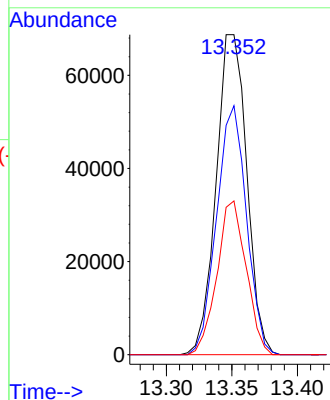
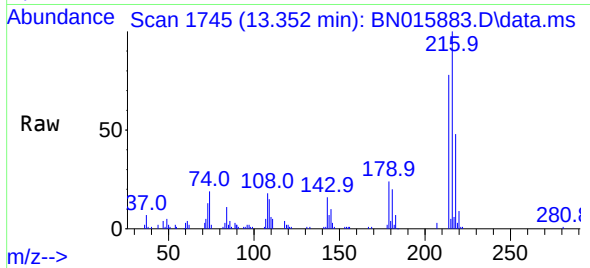
#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.682 ng/uL
RT: 13.352 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:216 Resp: 111839
Ion Ratio Lower Upper
216 100
214 77.8 64.6 97.0
218 48.1 38.7 58.1

Instrument :
BNA_N
ClientSampleId :
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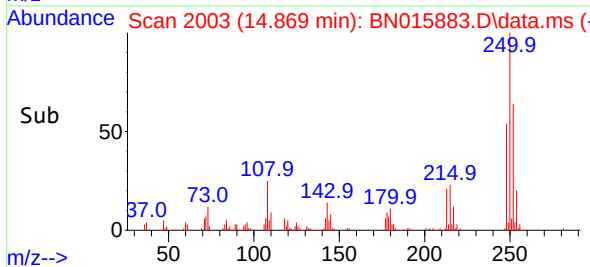
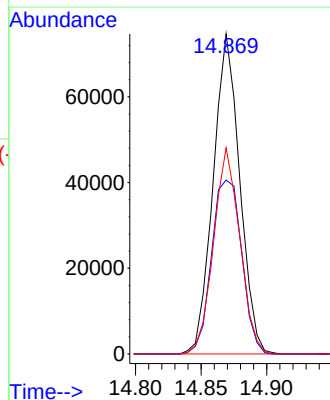
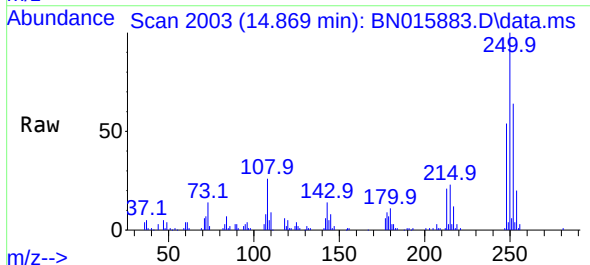
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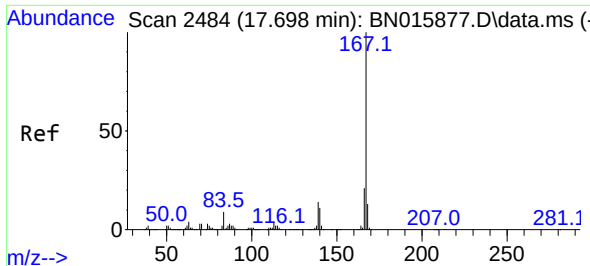
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#76
Pentachlorobenzene
Concen: 4.521 ng/uL
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

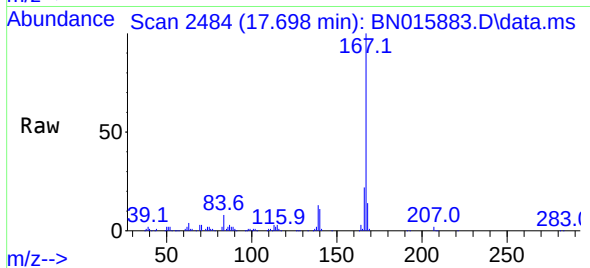
Tgt Ion:250 Resp: 105115
Ion Ratio Lower Upper
250 100
248 54.4 51.9 77.9
252 64.4 54.7 82.1





#77
 Carbazole
 Concen: 4.353 ng/ul
 RT: 17.698 min Scan# 2484
 Delta R.T. 0.000 min
 Lab File: BN015883.D
 Acq: 16 Aug 2021 18:08

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2021-05

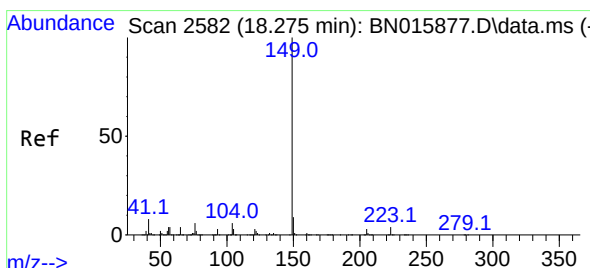
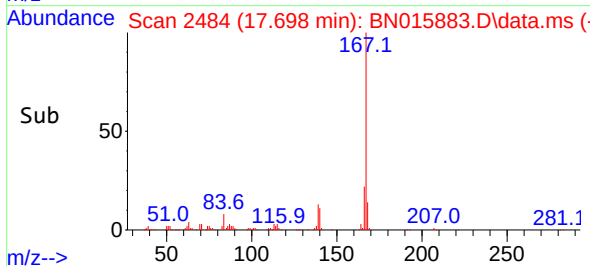
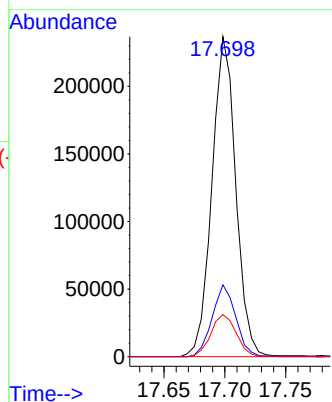


Tgt Ion:167 Resp: 322096

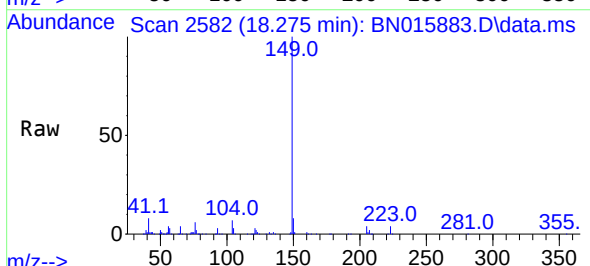
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.1	25.7
139	13.2	11.6	17.4

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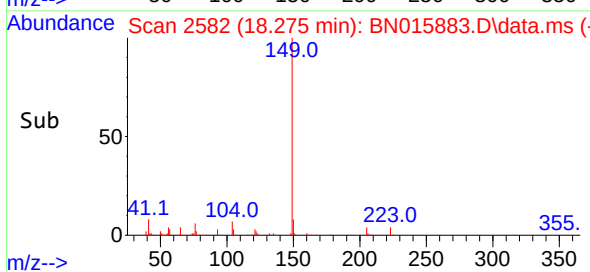
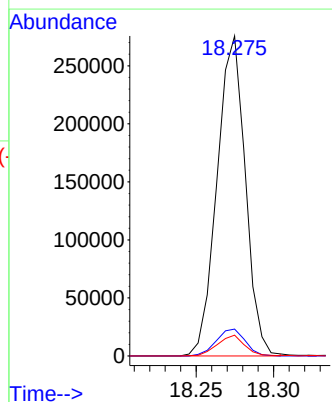


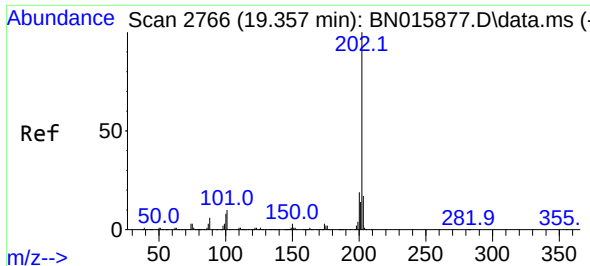
#78
 Di-n-butylphthalate
 Concen: 4.163 ng/ul
 RT: 18.275 min Scan# 2582
 Delta R.T. 0.000 min
 Lab File: BN015883.D
 Acq: 16 Aug 2021 18:08



Tgt Ion:149 Resp: 350287

Ion	Ratio	Lower	Upper
149	100		
150	8.4	7.5	11.3
104	6.5	5.0	7.4





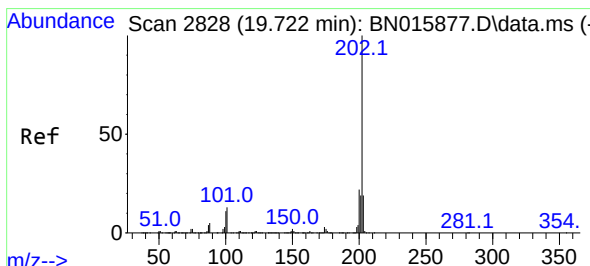
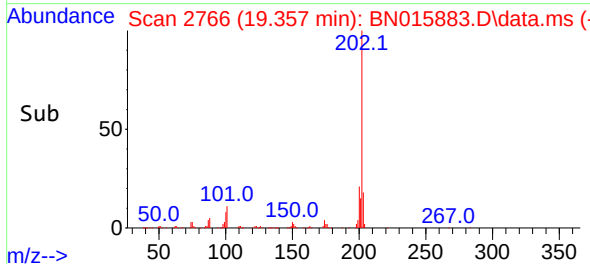
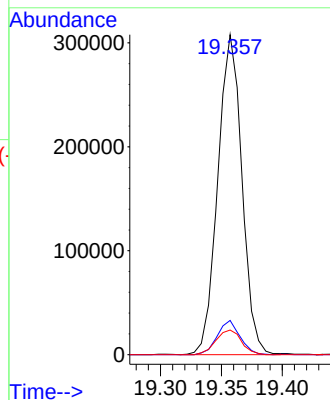
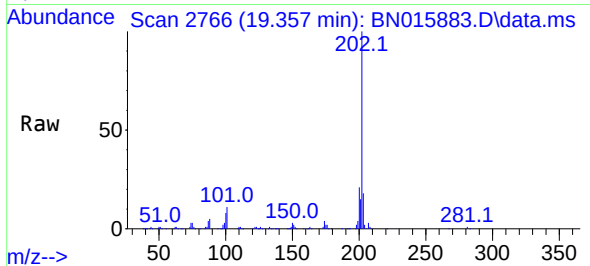
#80
Fluoranthene
Concen: 4.273 ng/u1
RT: 19.357 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:202 Resp: 424964
Ion Ratio Lower Upper
202 100
101 10.7 8.0 12.0
100 7.7 6.7 10.1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

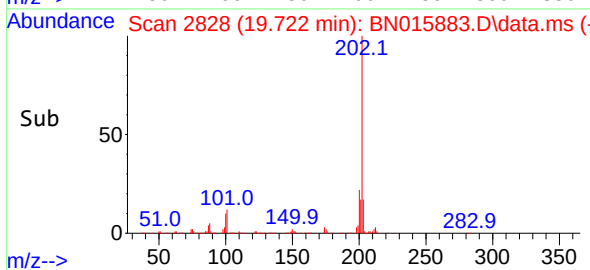
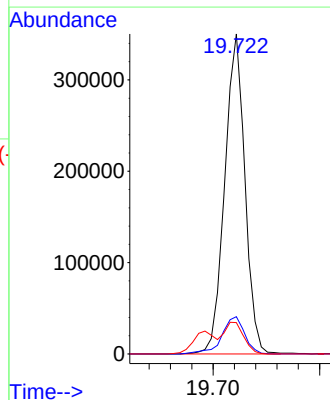
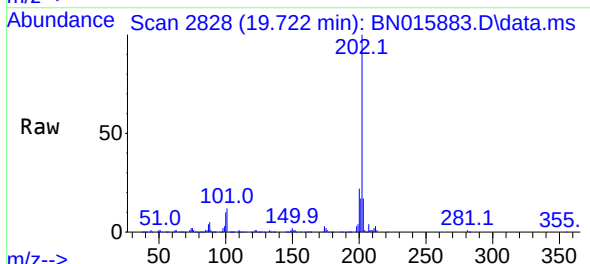
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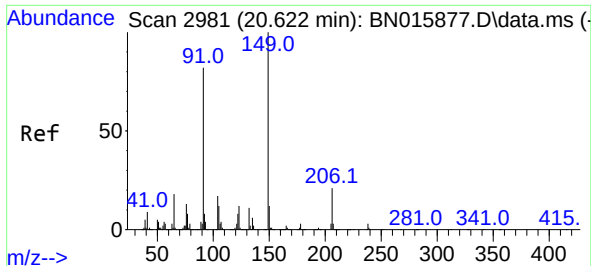
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#82
Pyrene
Concen: 4.452 ng/u1
RT: 19.722 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

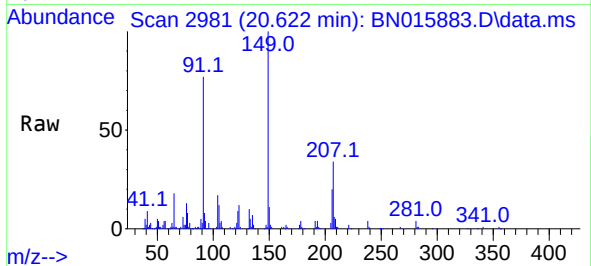
Tgt Ion:202 Resp: 460803
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 9.8 9.2 13.8





#83
Butylbenzylphthalate
Concen: 3.728 ng/ul
RT: 20.622 min Scan# 2981
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

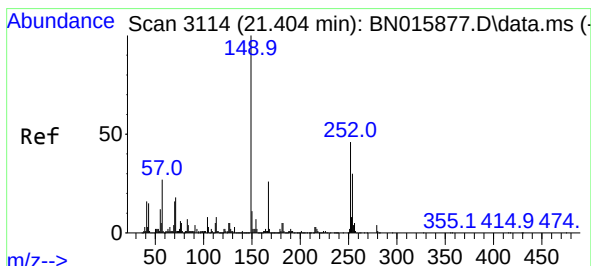
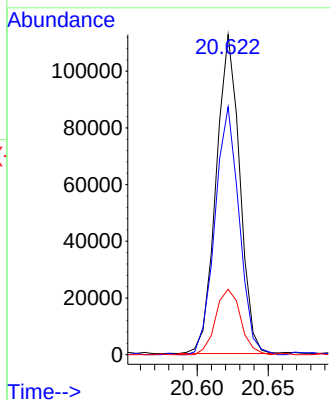
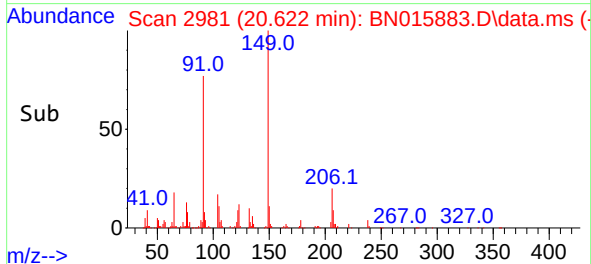
Instrument :
BNA_N
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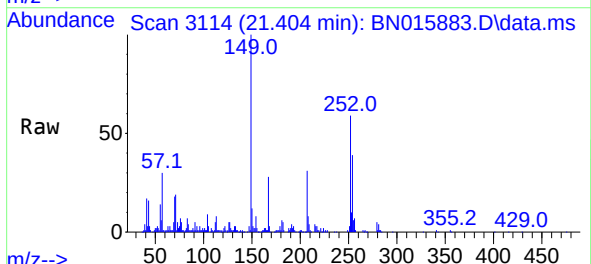
Tgt Ion:149 Resp: 129744
Ion Ratio Lower Upper
149 100
91 77.4 65.2 97.8
206 20.5 17.1 25.7

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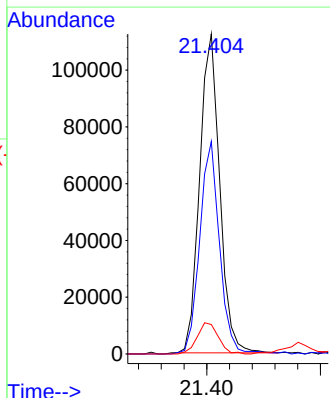
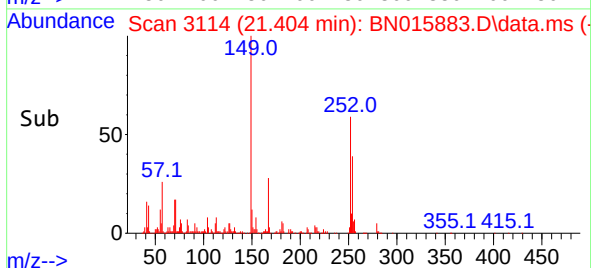
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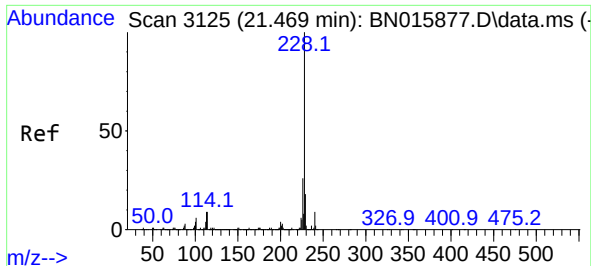


#84
3,3'-Dichlorobenzidine
Concen: 4.404 ng/ul
RT: 21.404 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



Tgt Ion:252 Resp: 137612
Ion Ratio Lower Upper
252 100
254 66.4 52.0 78.0
126 9.2 8.5 12.7





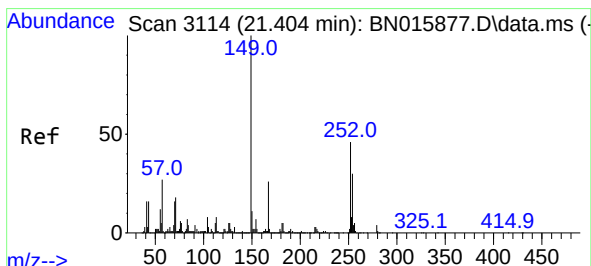
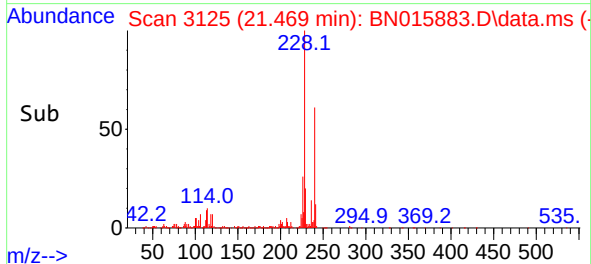
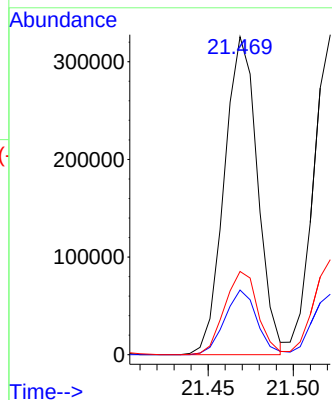
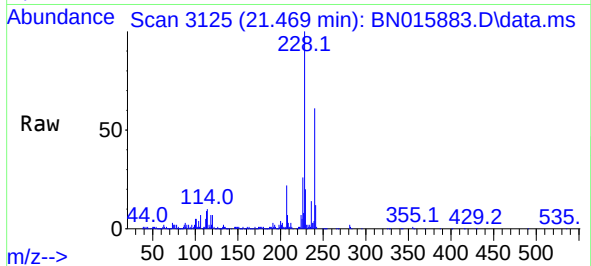
#85
Benzo(a)anthracene
Concen: 4.503 ng/ul
RT: 21.469 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:228 Resp: 442157
Ion Ratio Lower Upper
228 100
229 20.3 14.5 21.7
226 26.2 20.9 31.3

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

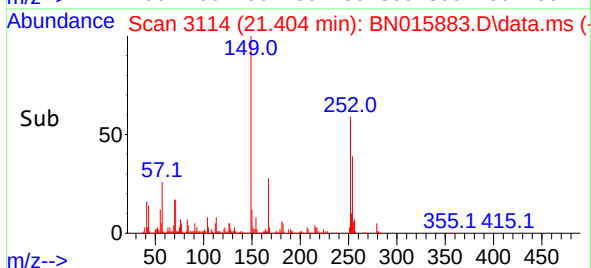
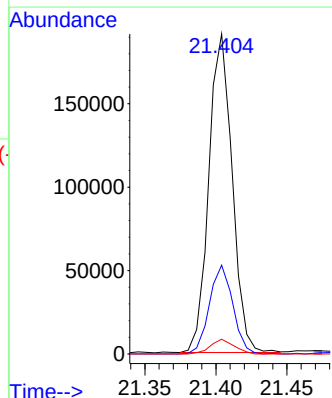
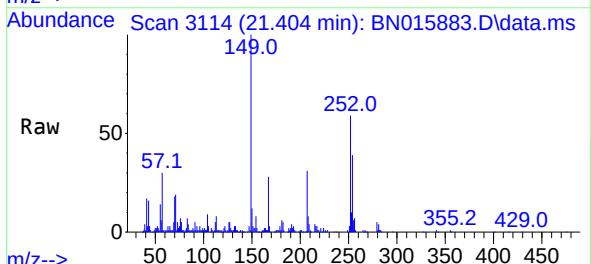
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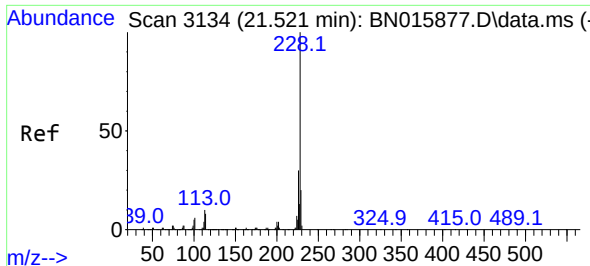
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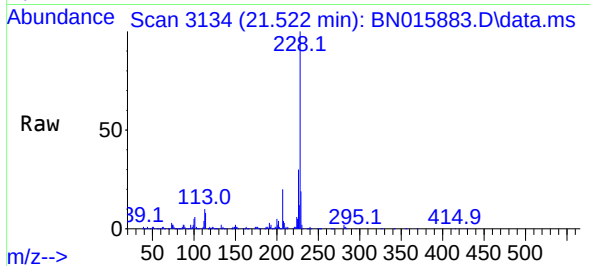
#86
Bis(2-ethylhexyl)phthalate
Concen: 3.951 ng/ul
RT: 21.404 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:149 Resp: 218100
Ion Ratio Lower Upper
149 100
167 27.8 20.6 30.8
279 4.6 3.4 5.2

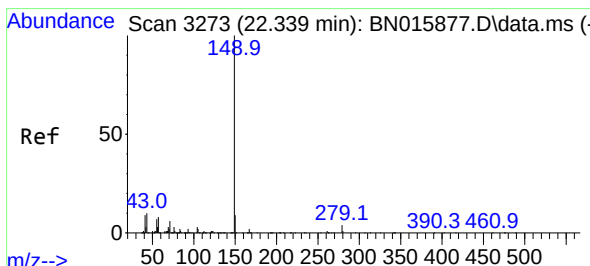
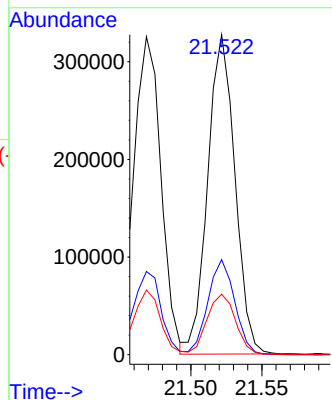
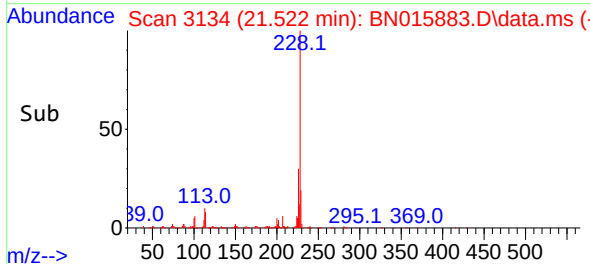




#87
Chrysene
Concen: 4.595 ng/ul
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

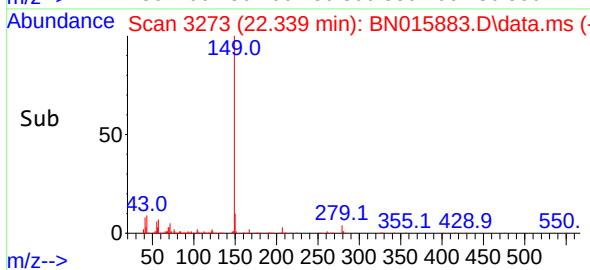
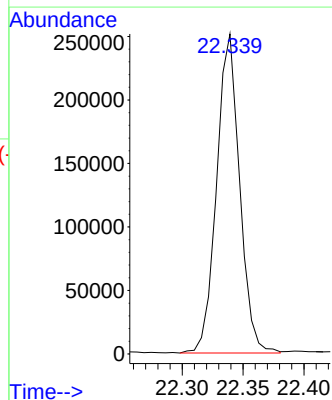
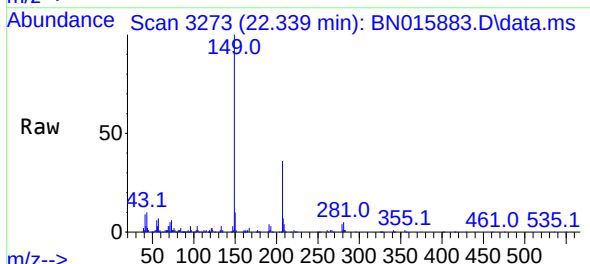


Tgt Ion:228 Resp: 436786
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 18.9 15.9 23.9



#89
Di-n-octyl phthalate
Concen: 3.538 ng/ul
RT: 22.339 min Scan# 3273
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

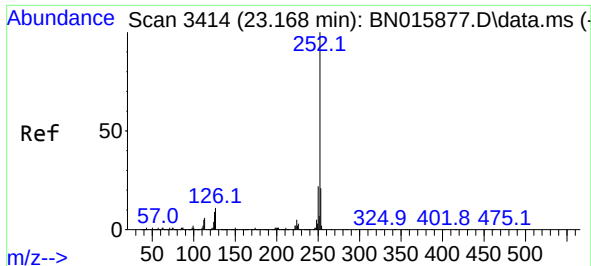
Tgt Ion:149 Resp: 330485



Instrument :
BNA_N
ClientSampleId :
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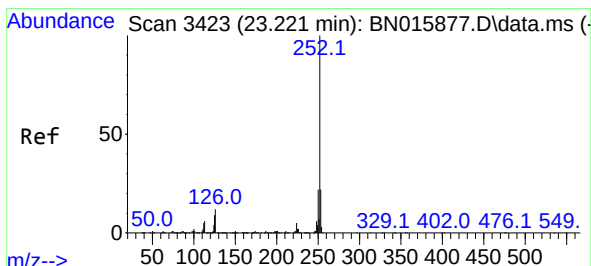
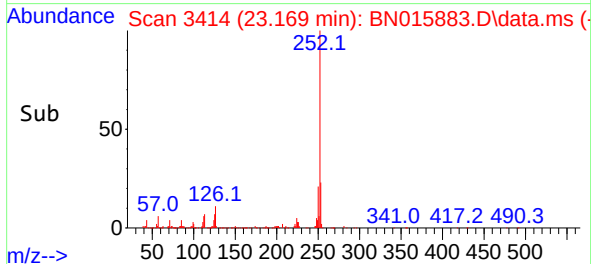
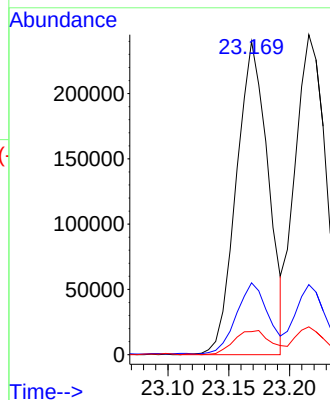
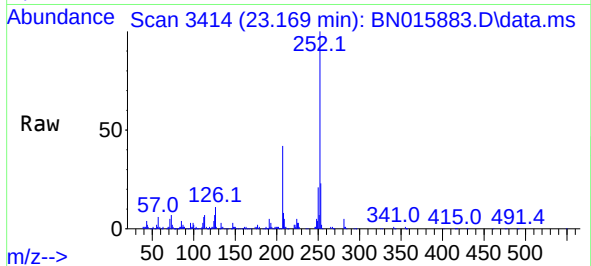
#90
Benzo(b)fluoranthene
Concen: 4.498 ng/ul
RT: 23.169 min Scan# 3414
Delta R.T. 0.000 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:252 Resp: 436451
Ion Ratio Lower Upper
252 100
253 22.9 16.6 25.0
125 7.4 7.1 10.7

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05

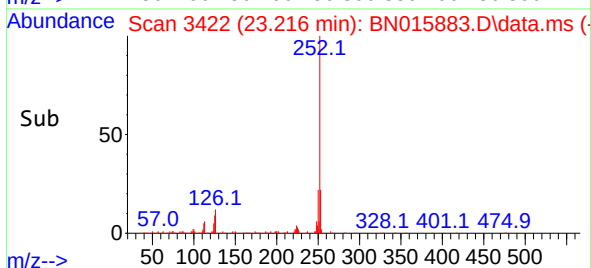
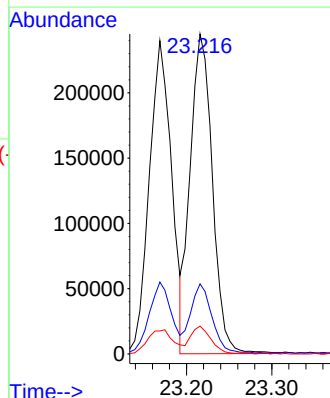
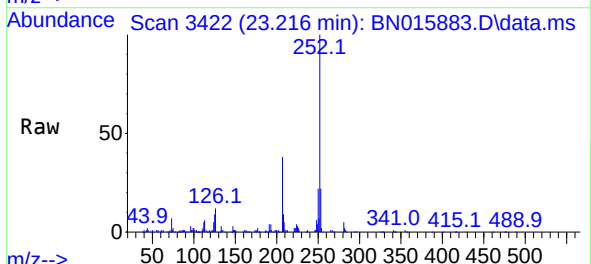
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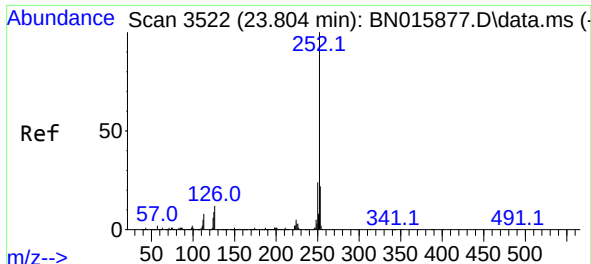
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#91
Benzo(k)fluoranthene
Concen: 4.582 ng/ul
RT: 23.216 min Scan# 3422
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:252 Resp: 442658
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.7 7.0 10.6





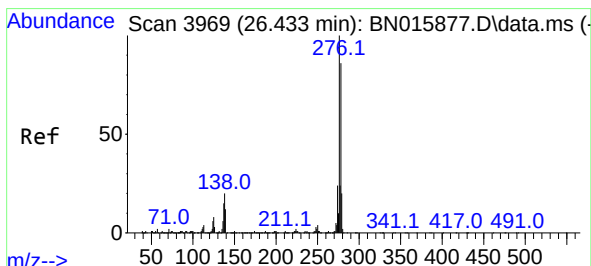
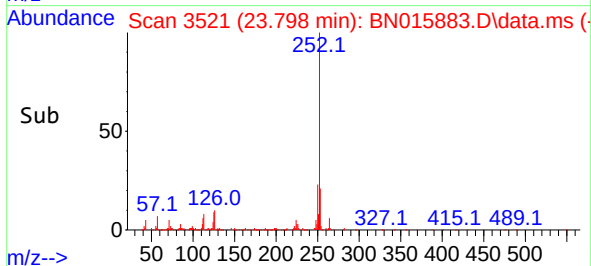
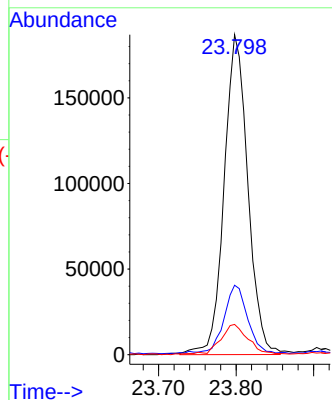
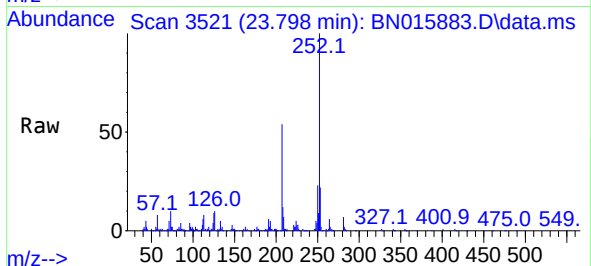
#93
Benzo(a)pyrene
Concen: 4.527 ng/ul
RT: 23.798 min Scan# 3521
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

Tgt Ion:252 Resp: 397682
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.5 7.2 10.8

Instrument :
BNA_N
ClientSampleId :
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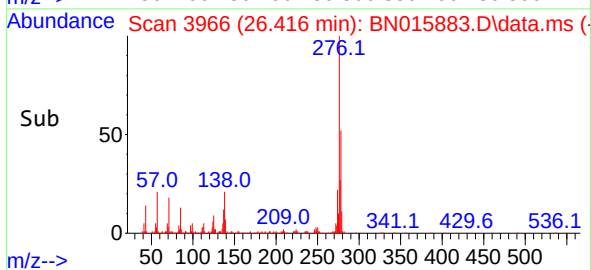
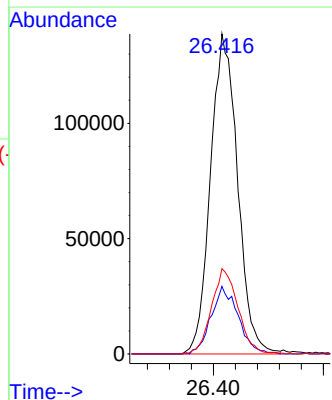
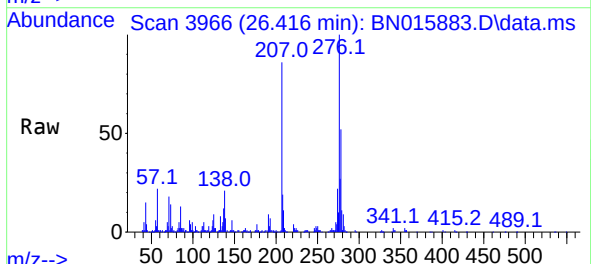
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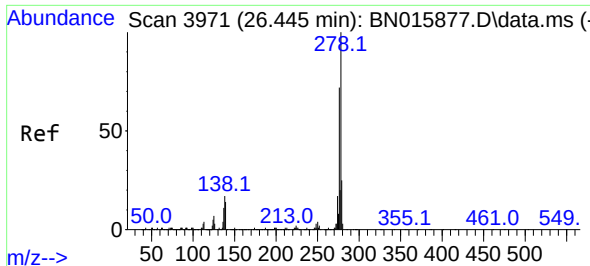
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#94
Indeno(1,2,3-cd)pyrene
Concen: 4.355 ng/ul
RT: 26.416 min Scan# 3966
Delta R.T. -0.017 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

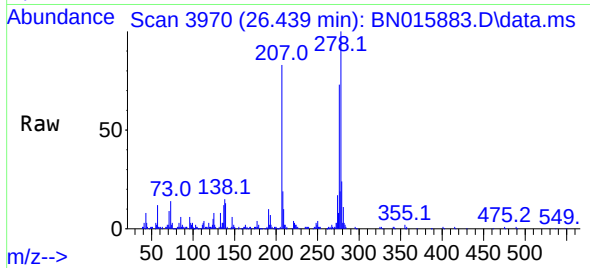
Tgt Ion:276 Resp: 474381
Ion Ratio Lower Upper
276 100
138 21.1 15.9 23.9
277 26.7 19.5 29.3





#95
Dibenzo(a,h)anthracene
Concen: 4.407 ng/ul
RT: 26.439 min Scan# 3970
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08

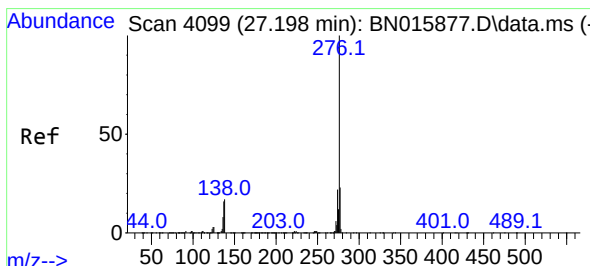
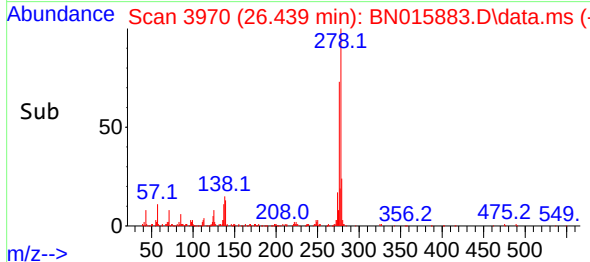
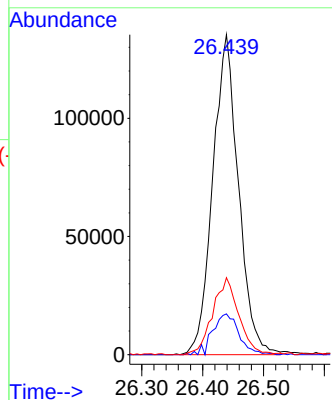
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2021-05



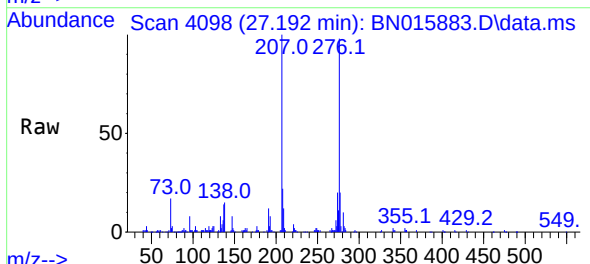
Tgt Ion:278 Resp: 396256
Ion Ratio Lower Upper
278 100
139 12.8 11.0 16.6
279 24.0 19.9 29.9

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#96
Benzo(g,h,i)perylene
Concen: 4.532 ng/ul
RT: 27.192 min Scan# 4098
Delta R.T. -0.006 min
Lab File: BN015883.D
Acq: 16 Aug 2021 18:08



Tgt Ion:276 Resp: 408098
Ion Ratio Lower Upper
276 100
138 15.4 13.4 20.0
277 20.4 18.5 27.7

