

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
 Data File : BN014888.D
 Acq On : 12 Jun 2021 11:13
 Operator : CG/JU
 Sample : SST02053
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 14 01:50:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 14 01:48:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	100581	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	395763	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.339	164	291179	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	669733	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	802572	20.000	ng/ul	0.00
88) Perylene-d12	23.551	264	933918	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	13541	5.482	ng/uL	0.00
4) Pyridine-d5	3.611	84	82167	13.209	ng/ul	0.00
7) Phenol-d5	6.863	99	153493	15.585	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	71882	14.678	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	119510	19.593	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	128213	16.744	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	62508	20.967	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	66177	20.652	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	138592	18.969	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	160206	18.599	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	459249	19.852	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	505329	18.890	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	61725	16.796	ng/ul	0.00
60) Fluorene-d10	15.339	176	377470	18.937	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	76074	20.767	ng/ul	0.00
73) Anthracene-d10	17.192	188	618696	19.775	ng/ul	0.00
81) Pyrene-d10	19.498	212	767385	20.278	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	985941	19.819	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	14489	4.997	ng/uL#	94
5) Pyridine	3.622	79	85865	13.173	ng/ul#	75
6) Benzaldehyde	6.834	77	77267	14.569	ng/ul	93
8) Phenol	6.893	94	151751	14.975	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.116	93	112255	14.352	ng/ul	96
12) 2-Chlorophenol	7.252	128	123654	19.369	ng/ul	88
13) 2-Methylphenol	8.134	108	116820	15.697	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.210	45	40282	8.164	ng/ul	97
16) Acetophenone	8.505	105	220002	17.357	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.493	70	96655	15.831	ng/ul#	88
18) 4-Methylphenol	8.457	108	127305	15.684	ng/ul	93
19) Hexachloroethane	8.763	117	57863	18.103	ng/ul#	80
22) Nitrobenzene	8.881	77	162864	17.505	ng/ul#	92
23) Isophorone	9.404	82	293474	16.611	ng/ul#	96
25) 2-Nitrophenol	9.593	139	69084	20.287	ng/ul	91
26) 2,4-Dimethylphenol	9.657	107	188975	18.027	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.893	93	156607	14.588	ng/ul	100
29) 2,4-Dichlorophenol	10.128	162	136191	19.436	ng/ul	91
30) Naphthalene	10.522	128	404756	18.816	ng/ul	98
32) 4-Chloroaniline	10.634	127	152867	16.676	ng/ul	98
33) Hexachlorobutadiene	10.816	225	129106	20.606	ng/ul	93
34) Caprolactam	11.393	113	25141	11.105	ng/ul#	70
35) 4-Chloro-3-methylphenol	11.769	107	177297	17.460	ng/ul	96
36) 2-Methylnaphthalene	12.145	142	292561	18.246	ng/ul	94

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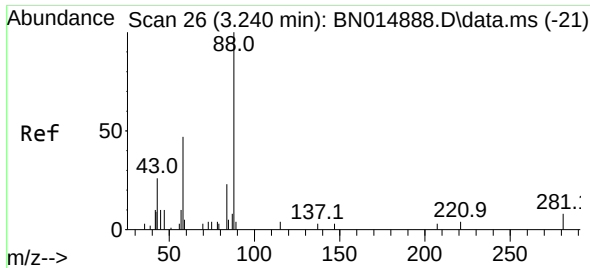
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	293765	18.635	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.522	216	213275	19.372	ng/ul	91
40) Hexachlorocyclopentadiene	12.498	237	151228	20.735	ng/ul	88
41) 2,4,6-Trichlorophenol	12.763	196	121484	19.650	ng/ul	86
42) 2,4,5-Trichlorophenol	12.840	196	129340	19.170	ng/ul	96
43) 1,1'-Biphenyl	13.169	154	402476	19.322	ng/ul#	93
44) 2-Chloronaphthalene	13.204	162	319204	19.125	ng/ul	99
45) 2-Nitroaniline	13.416	65	90907	17.882	ng/ul	94
47) Dimethylphthalate	13.798	163	442121	19.323	ng/ul	98
48) 2,6-Dinitrotoluene	13.916	165	85313	20.064	ng/ul	94
50) Acenaphthylene	14.063	152	456987	18.580	ng/ul	97
51) 3-Nitroaniline	14.245	138	67599	16.385	ng/ul	78
52) Acenaphthene	14.404	153	343606	19.281	ng/ul	95
53) 2,4-Dinitrophenol	14.463	184	38168	12.364	ng/ul	95
55) 4-Nitrophenol	14.569	109	101809	14.451	ng/ul#	91
56) Dibenzofuran	14.745	168	494602	18.657	ng/ul#	76
57) 2,4-Dinitrotoluene	14.710	165	127926	18.879	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.975	232	122383	17.633	ng/ul#	68
59) Diethylphthalate	15.175	149	445092	20.235	ng/ul	96
61) Fluorene	15.392	166	400543	20.082	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.392	204	223053	18.903	ng/ul#	81
63) 4-Nitroaniline	15.539	138	715	0.171	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.475	198	75577	21.090	ng/ul#	93
67) N-Nitrosodiphenylamine	15.610	169	351254	19.472	ng/ul	94
68) 4-Bromophenyl-phenylether	16.292	248	171530	19.668	ng/ul#	88
69) Hexachlorobenzene	16.404	284	203561	18.658	ng/ul	98
70) Atrazine	16.563	200	162032	21.722	ng/ul	97
71) Pentachlorophenol	16.751	266	90502	14.408	ng/ul#	86
72) Phenanthrene	17.139	178	676844	19.342	ng/ul	98
74) Anthracene	17.228	178	687051	19.480	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	202408	18.290	ng/ul	90
76) Pentachlorobenzene	14.663	250	217384	18.992	ng/ul	88
77) Carbazole	17.504	167	574194	19.317	ng/ul	98
78) Di-n-butylphthalate	18.075	149	729655	20.832	ng/ul	98
80) Fluoranthene	19.163	202	872105	19.544	ng/ul#	95
82) Pyrene	19.527	202	914373	19.926	ng/ul#	94
83) Butylbenzylphthalate	20.439	149	347332	22.526	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.221	252	312983	20.684	ng/ul	91
85) Benzo(a)anthracene	21.280	228	998657	19.962	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	523810	23.568	ng/ul	97
87) Chrysene	21.333	228	965497	19.164	ng/ul	100
89) Di-n-octyl phthalate	22.104	149	968100	23.430	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1114802	19.890	ng/ul#	96
91) Benzo(k)fluoranthene	22.921	252	1058874	18.962	ng/ul	95
93) Benzo(a)pyrene	23.457	252	1017356	20.057	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.821	276	1302764	18.745	ng/ul	98
95) Dibenzo(a,h)anthracene	25.839	278	1095706	19.051	ng/ul	98
96) Benzo(g,h,i)perylene	26.651	276	1399	0.023	ng/ul	94

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

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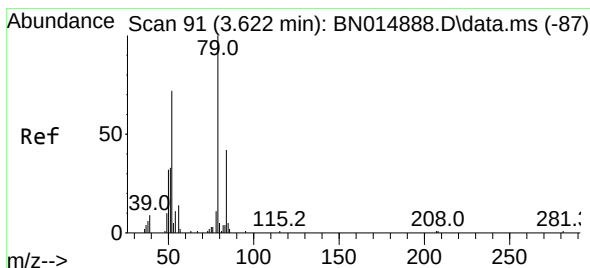
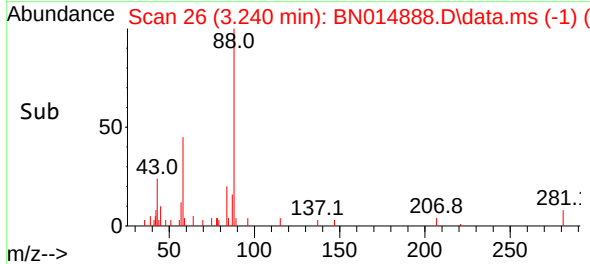
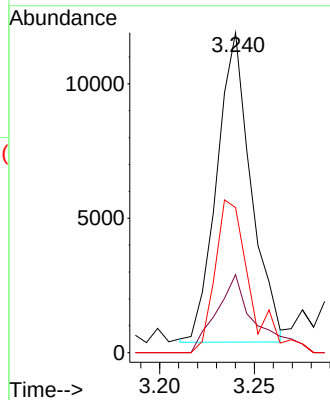
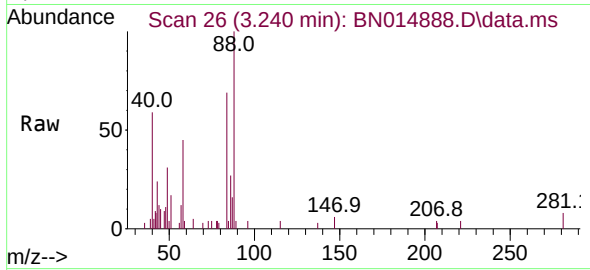




#2
1,4-Dioxane
Concen: 4.997 ng/uL
RT: 3.240 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

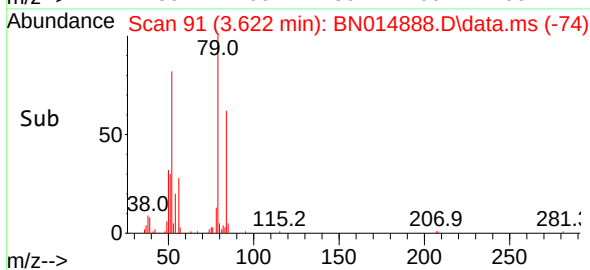
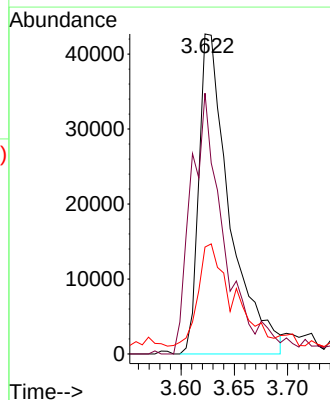
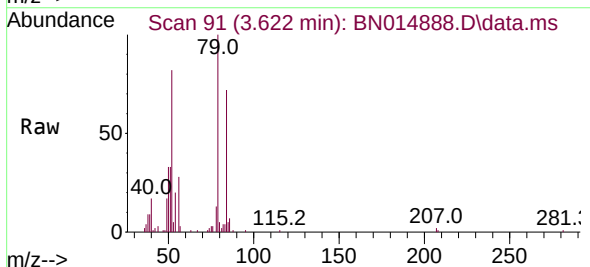
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BNA_N
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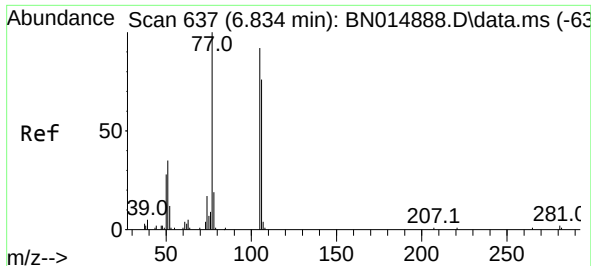
Tgt Ion: 88 Resp: 14489
Ion Ratio Lower Upper
88 100
43 24.4 13.8 20.6#
58 45.4 37.1 55.7



#5
Pyridine
Concen: 13.173 ng/uL
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion: 79 Resp: 85865
Ion Ratio Lower Upper
79 100
52 81.5 45.9 68.9#
51 33.4 22.2 33.4#

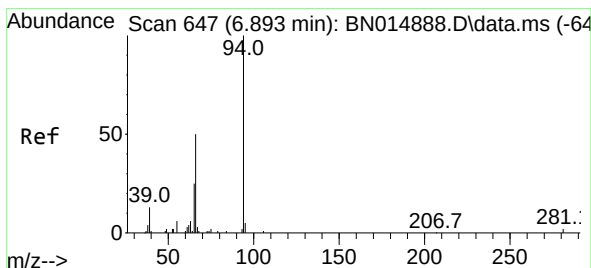
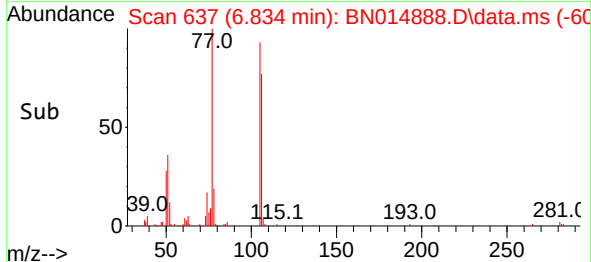
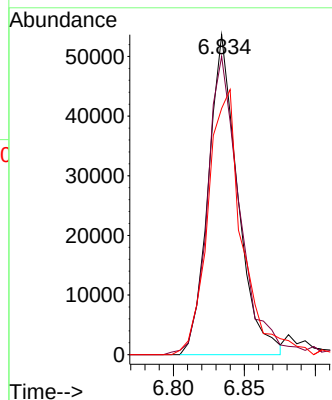
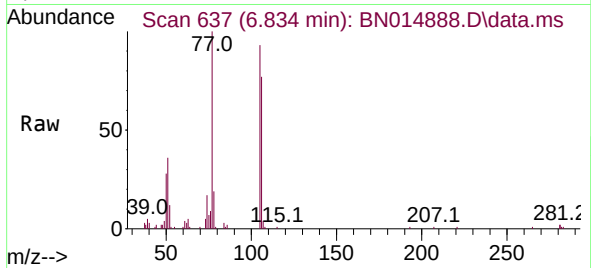




#6
Benzaldehyde
Concen: 14.569 ng/ul
RT: 6.834 min Scan# 637
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

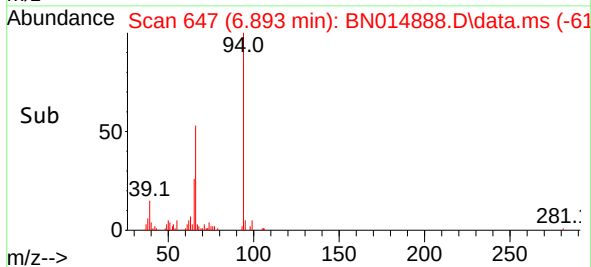
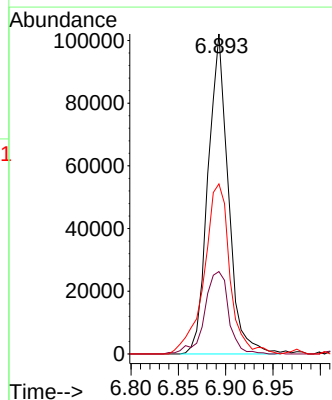
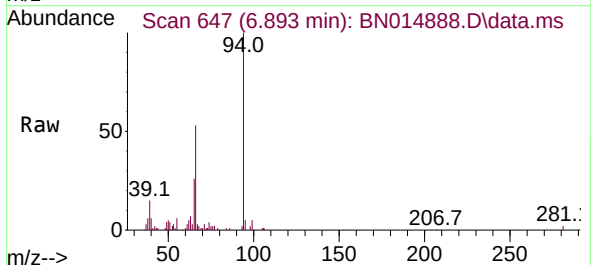
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BNA_N
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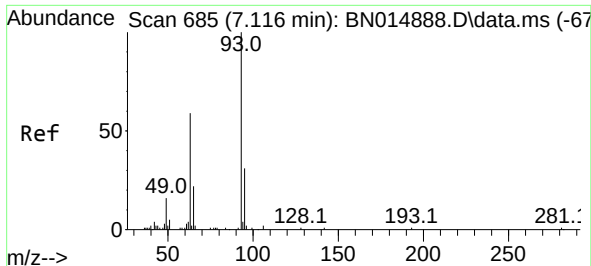
Tgt Ion: 77 Resp: 77267
Ion Ratio Lower Upper
77 100
105 93.2 72.2 108.4
106 76.9 70.2 105.4



#8
Phenol
Concen: 14.975 ng/ul
RT: 6.893 min Scan# 647
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion: 94 Resp: 151751
Ion Ratio Lower Upper
94 100
65 25.8 22.7 34.1
66 53.1 39.2 58.8





#10

Bis(2-Chloroethyl)ether

Concen: 14.352 ng/ul

RT: 7.116 min Scan# 685

Delta R.T. 0.000 min

Lab File: BN014888.D

Acq: 12 Jun 2021 11:13

Instrument :

BNA_N

ClientSampleId :

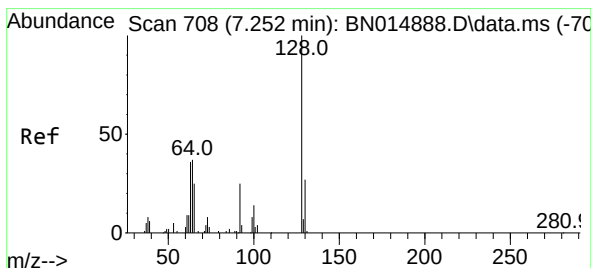
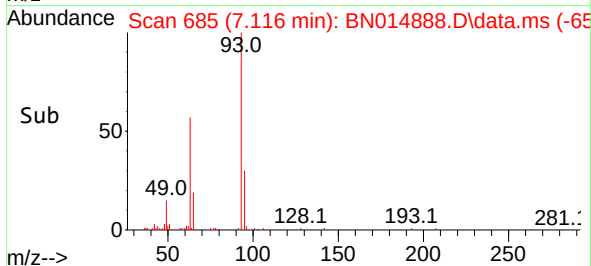
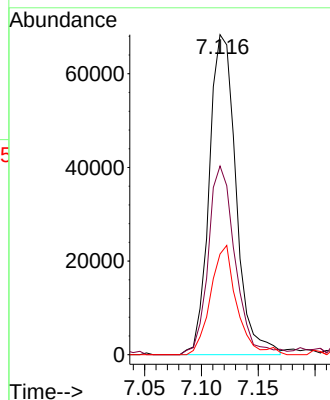
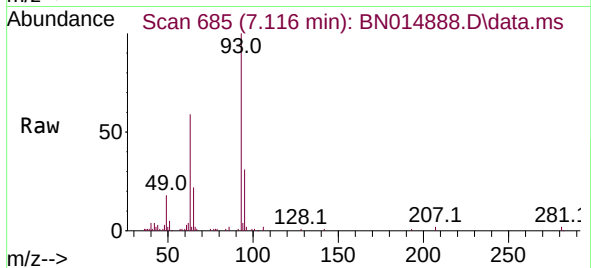
Tgt Ion: 93 Resp: 112255

Ion Ratio Lower Upper

93 100

63 59.0 45.3 67.9

95 31.4 22.8 34.2



#12

2-Chlorophenol

Concen: 19.369 ng/ul

RT: 7.252 min Scan# 708

Delta R.T. 0.000 min

Lab File: BN014888.D

Acq: 12 Jun 2021 11:13

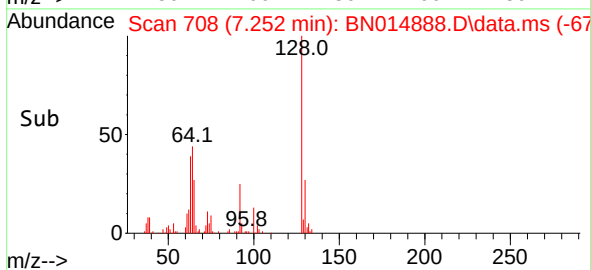
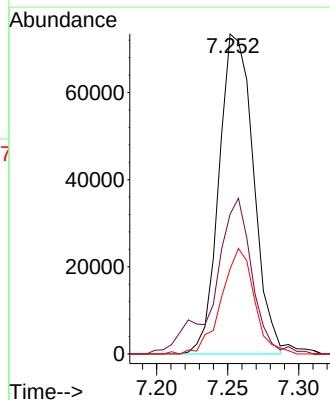
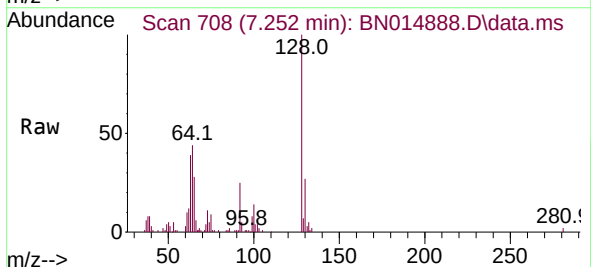
Tgt Ion:128 Resp: 123654

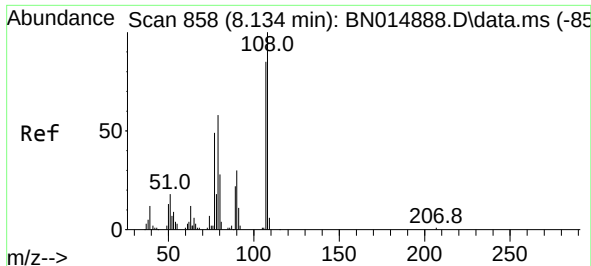
Ion Ratio Lower Upper

128 100

64 43.7 42.3 63.5

130 26.6 26.1 39.1

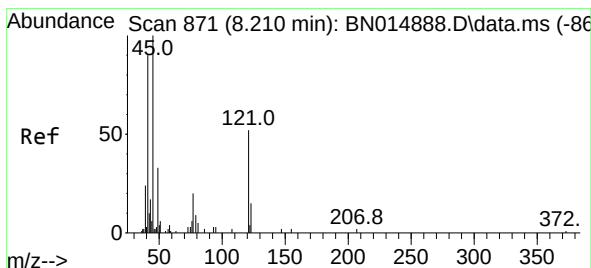
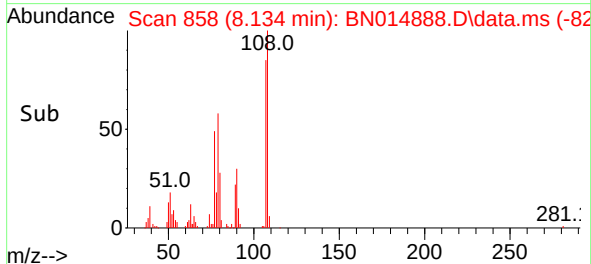
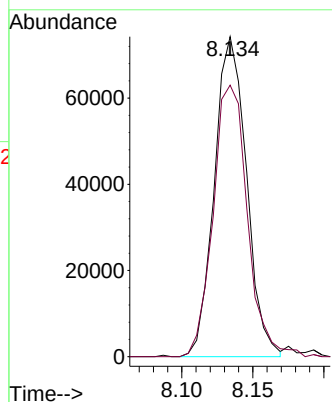
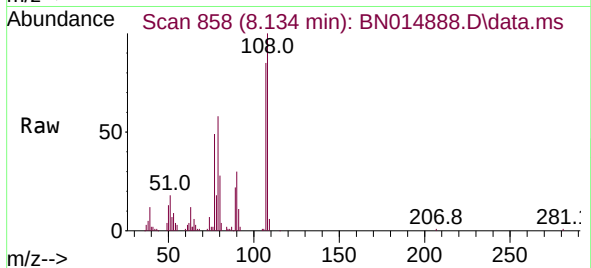




#13
2-Methylphenol
Concen: 15.697 ng/ul
RT: 8.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

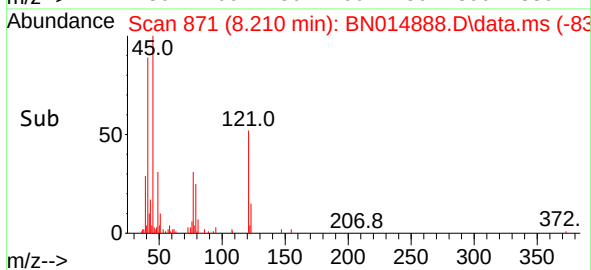
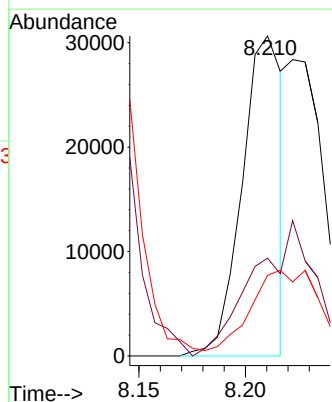
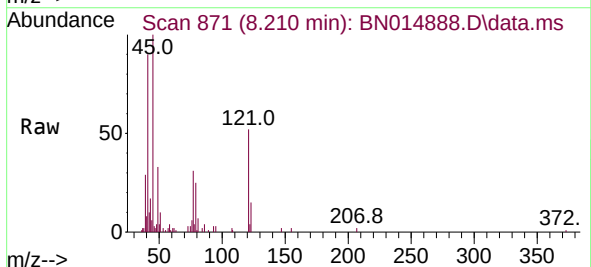
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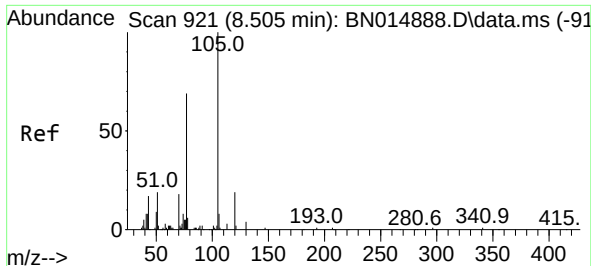
Tgt Ion:108 Resp: 116820
Ion Ratio Lower Upper
108 100
107 84.9 74.1 111.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 8.164 ng/ul
RT: 8.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

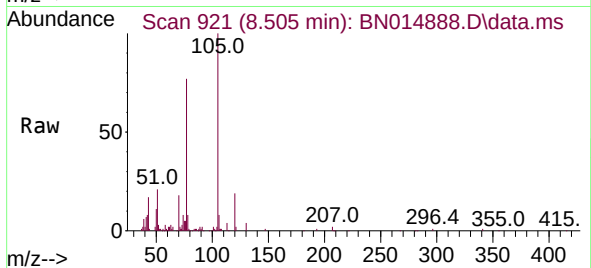
Tgt Ion: 45 Resp: 40282
Ion Ratio Lower Upper
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77 30.5 25.8 38.8
79 25.2 21.4 32.2



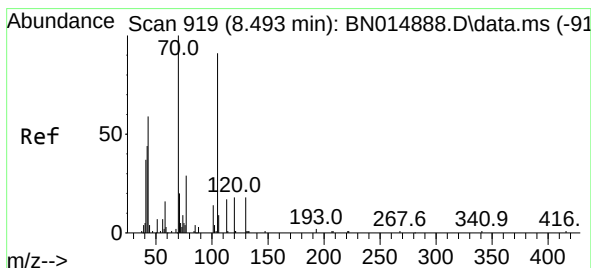
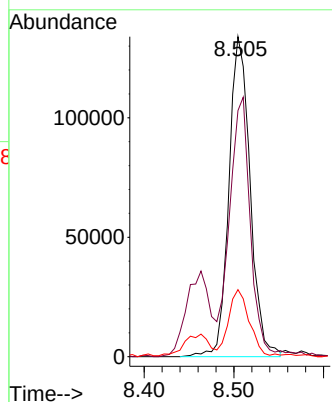
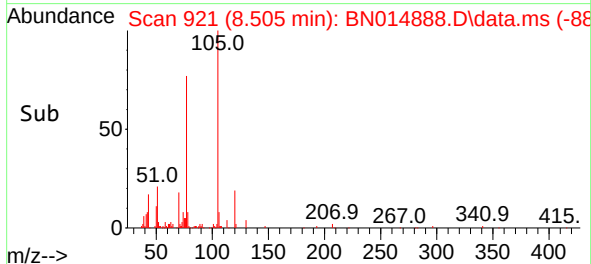


#16
Acetophenone
Concen: 17.357 ng/ul
RT: 8.505 min Scan# 921
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

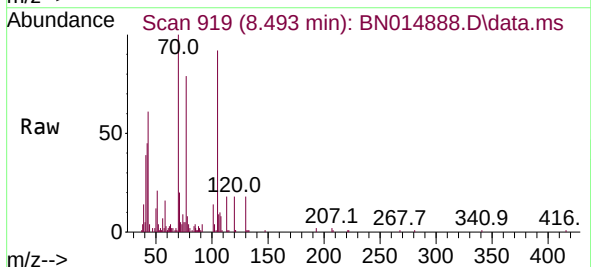
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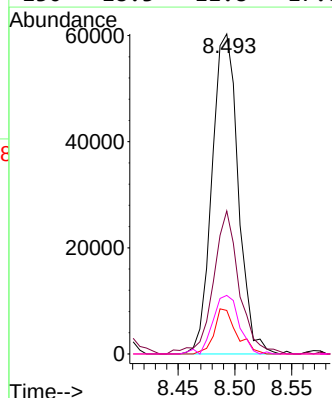
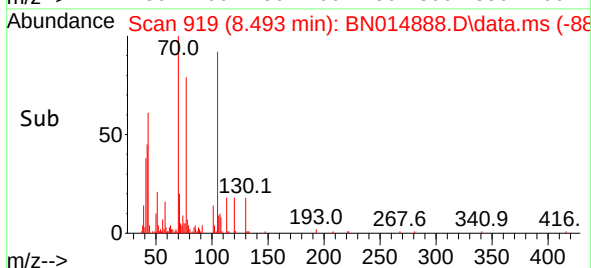
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Ion Ratio Lower Upper
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51 21.0 15.6 23.4

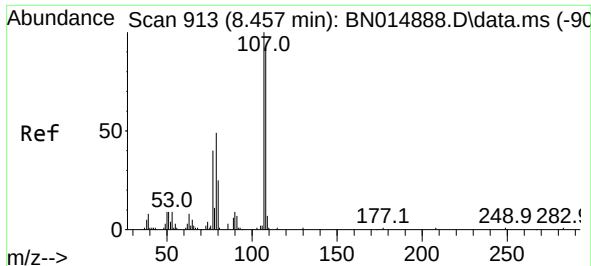


#17
N-Nitroso-di-n-propylamine
Concen: 15.831 ng/ul
RT: 8.493 min Scan# 919
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13



Tgt Ion: 70 Resp: 96655
Ion Ratio Lower Upper
70 100
42 44.7 27.1 40.7#
101 13.6 10.9 16.3
130 18.3 11.8 17.8#

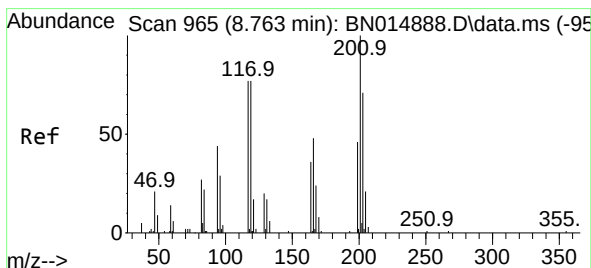
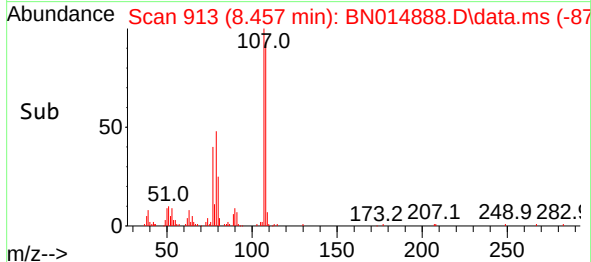
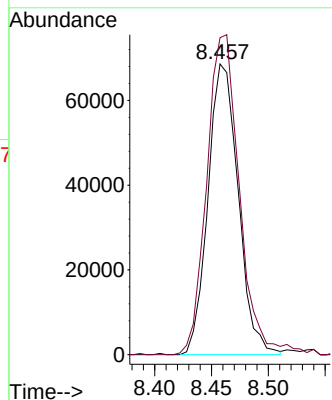
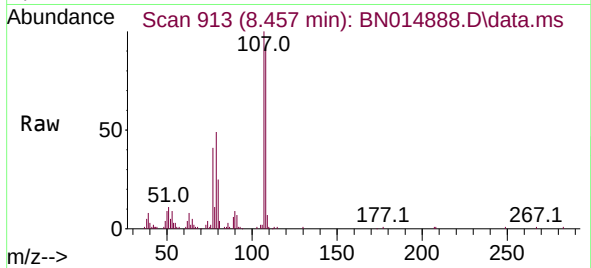




#18
4-Methylphenol
Concen: 15.684 ng/ul
RT: 8.457 min Scan# 913
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

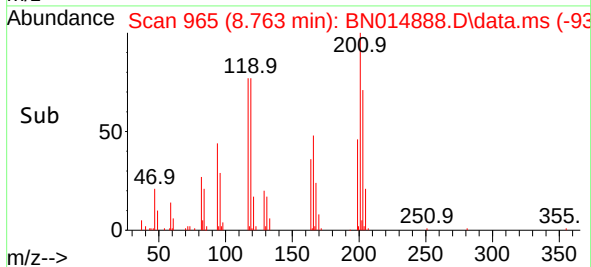
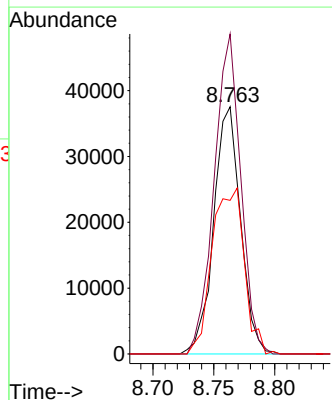
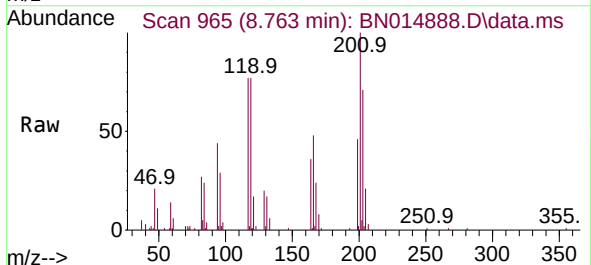
Instrument :
BNA_N
ClientSampled :

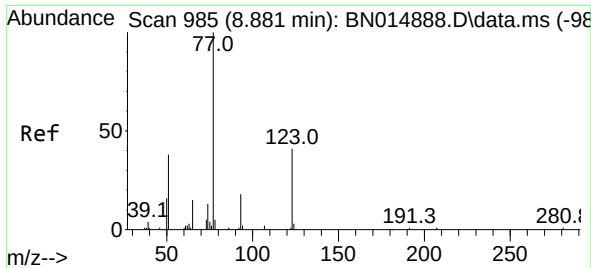
Tgt Ion:108 Resp: 127305
Ion Ratio Lower Upper
108 100
107 109.0 93.4 140.0



#19
Hexachloroethane
Concen: 18.103 ng/ul
RT: 8.763 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:117 Resp: 57863
Ion Ratio Lower Upper
117 100
201 129.4 91.0 136.4
199 62.1 70.1 105.1#

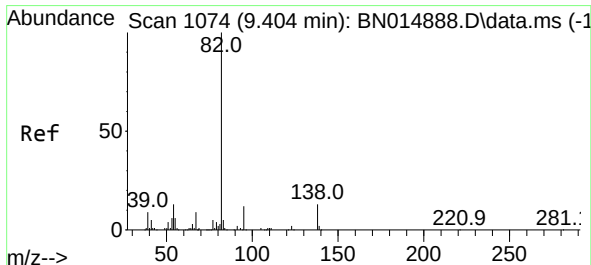
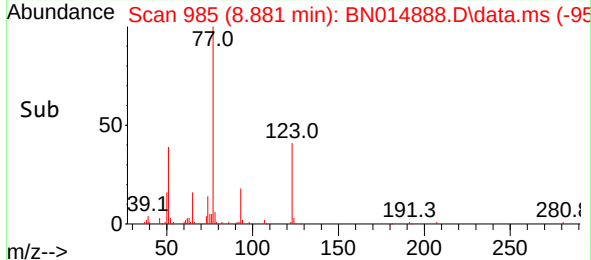
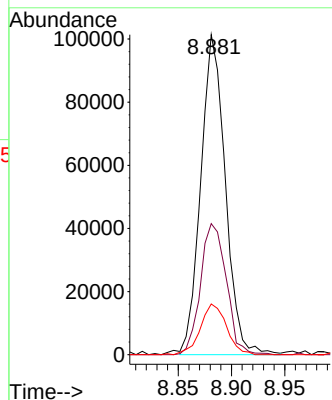
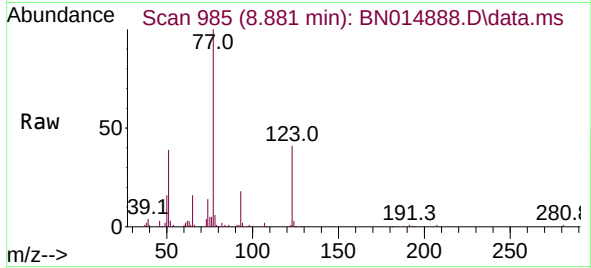




#22
Nitrobenzene
Concen: 17.505 ng/ul
RT: 8.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

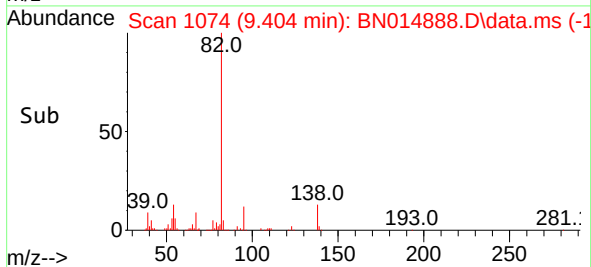
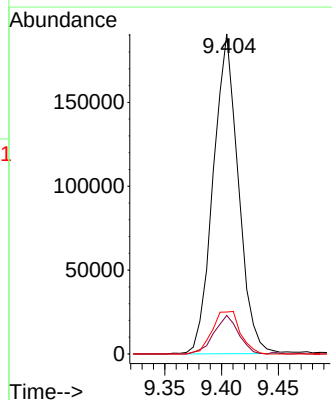
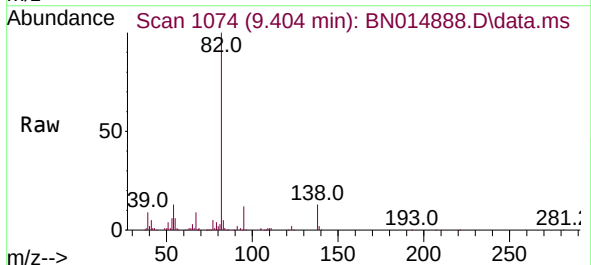
Instrument :
BNA_N
ClientSampled :

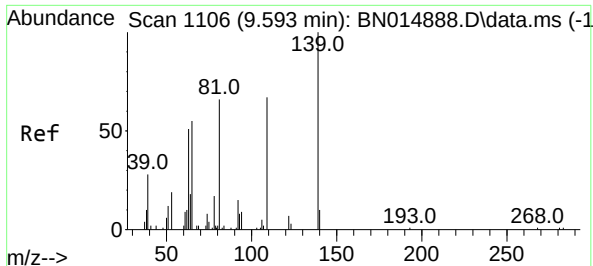
Tgt Ion: 77 Resp: 162864
Ion Ratio Lower Upper
77 100
123 41.0 29.4 44.2
65 15.9 9.7 14.5#



#23
Isophorone
Concen: 16.611 ng/ul
RT: 9.404 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion: 82 Resp: 293474
Ion Ratio Lower Upper
82 100
95 12.1 7.7 11.5#
138 13.1 11.0 16.4

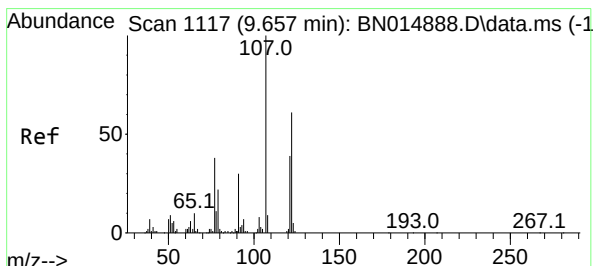
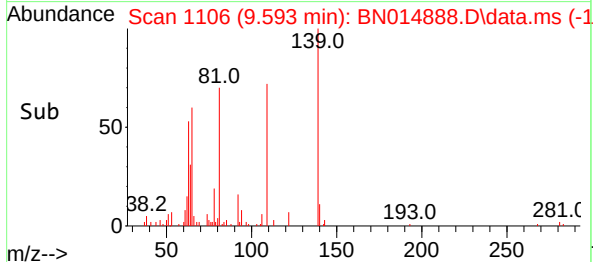
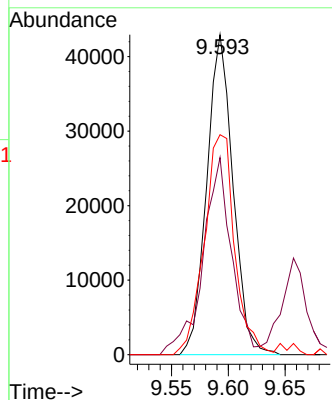
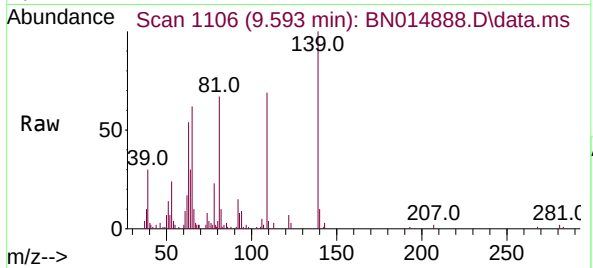




#25
2-Nitrophenol
Concen: 20.287 ng/ul
RT: 9.593 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

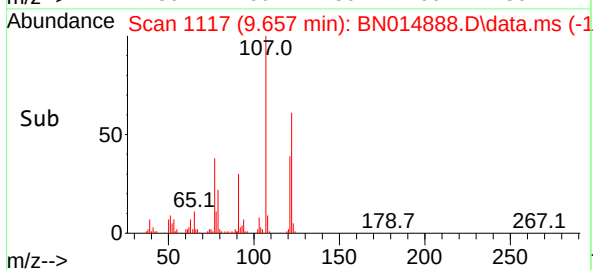
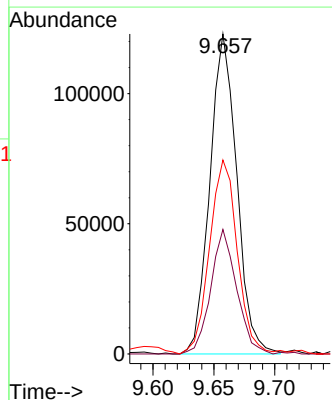
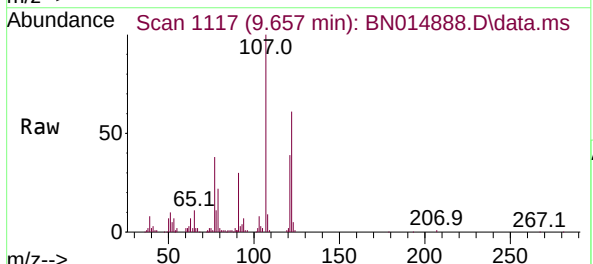
Instrument :
BNA_N
ClientSampled :

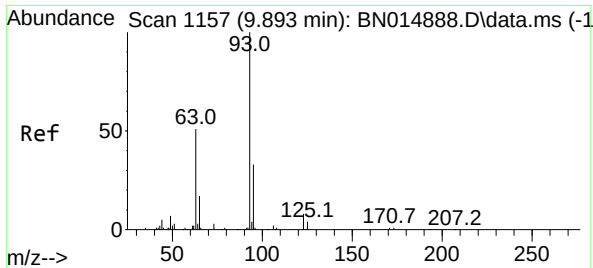
Tgt Ion:139 Resp: 69084
Ion Ratio Lower Upper
139 100
65 61.6 55.1 82.7
109 68.8 49.9 74.9



#26
2,4-Dimethylphenol
Concen: 18.027 ng/ul
RT: 9.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:107 Resp: 188975
Ion Ratio Lower Upper
107 100
121 38.9 31.8 47.6
122 60.6 57.5 86.3



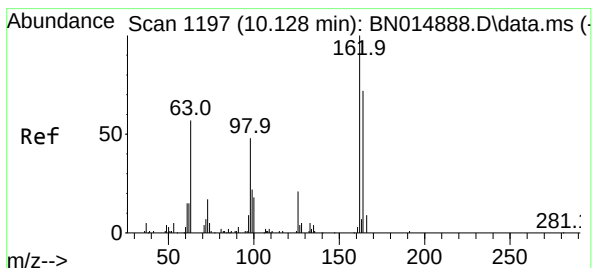
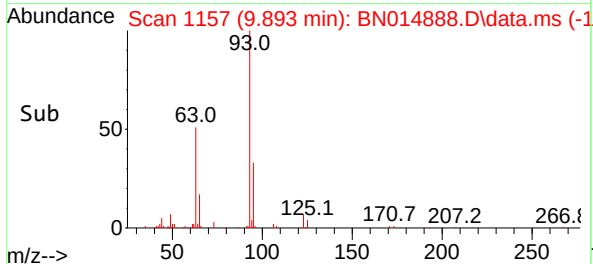
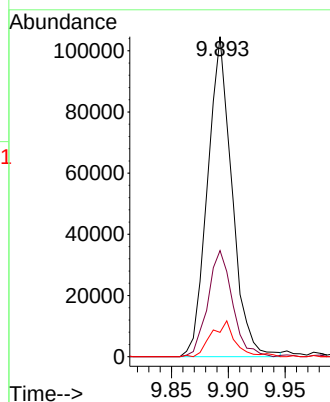
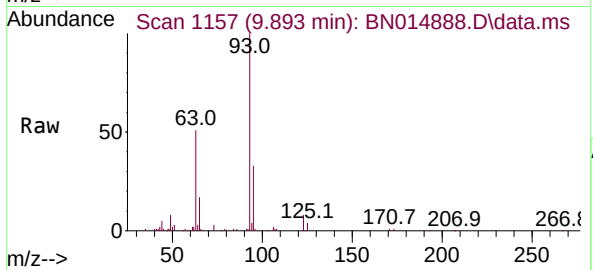


#27

Bis(2-Chloroethoxy)methane
Concen: 14.588 ng/ul
RT: 9.893 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Instrument :
BNA_N
ClientSampleId :

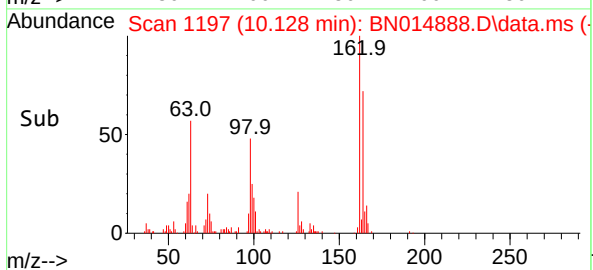
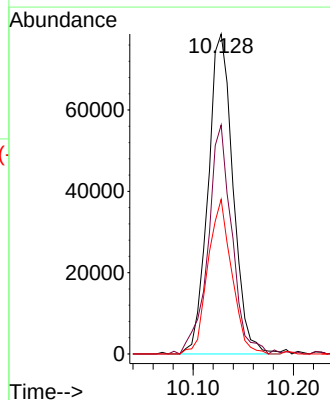
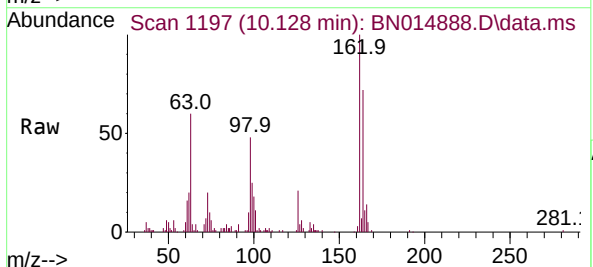
Tgt Ion:	93	Resp:	156607
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.4	39.6
123	7.6	6.4	9.6

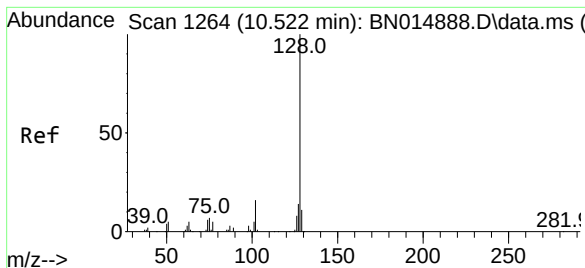


#29

2,4-Dichlorophenol
Concen: 19.436 ng/ul
RT: 10.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:	162	Resp:	136191
Ion Ratio	Lower	Upper	
162	100		
164	71.5	48.8	73.2
98	48.3	40.3	60.5

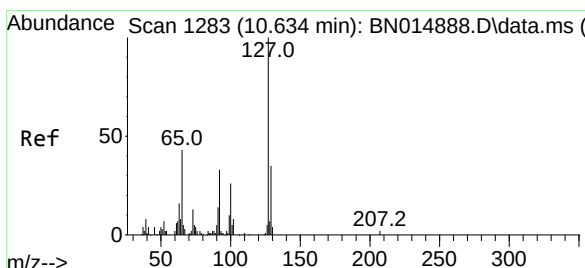
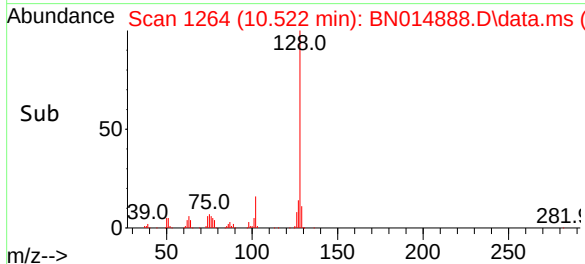
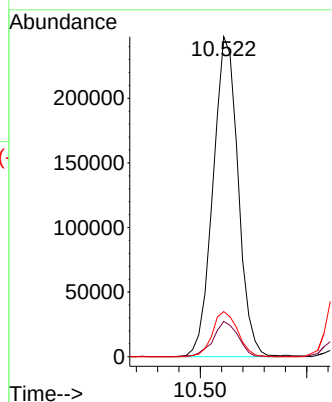
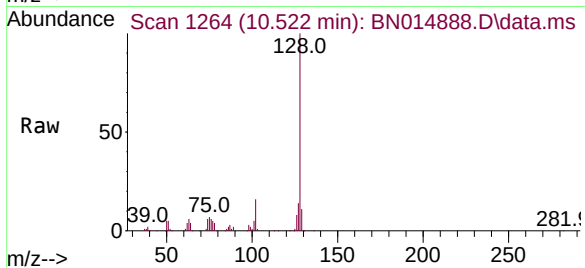




#30
Naphthalene
Concen: 18.816 ng/ul
RT: 10.522 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

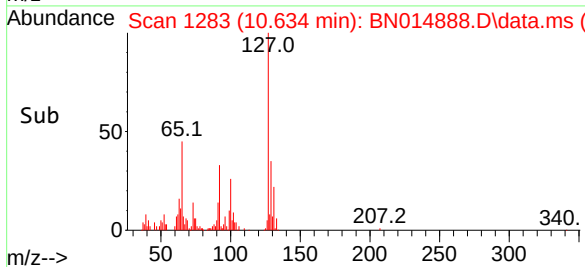
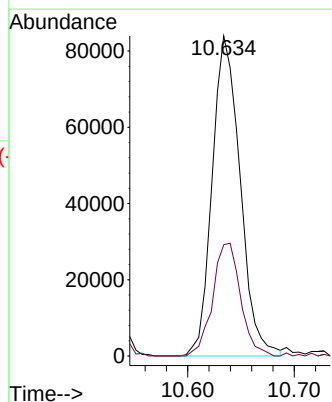
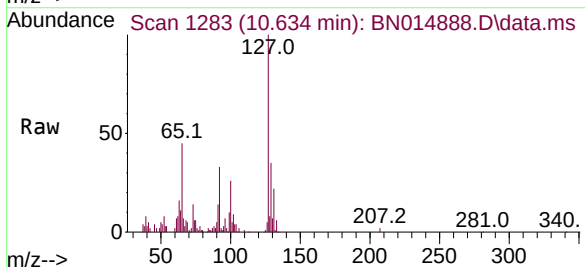
Instrument :
BNA_N
ClientSampled :

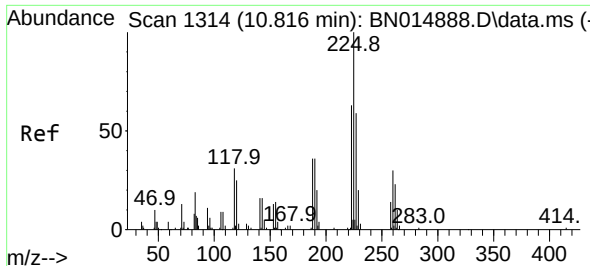
Tgt Ion:128 Resp: 404756
Ion Ratio Lower Upper
128 100
129 11.0 8.1 12.1
127 14.1 11.0 16.4



#32
4-Chloroaniline
Concen: 16.676 ng/ul
RT: 10.634 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:127 Resp: 152867
Ion Ratio Lower Upper
127 100
129 34.8 27.0 40.4

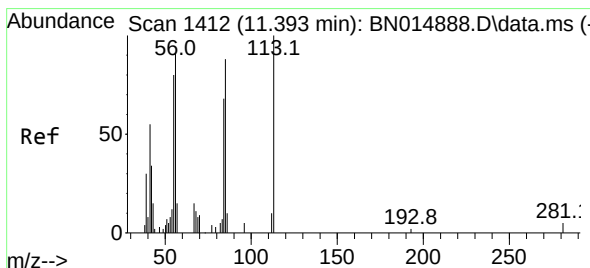
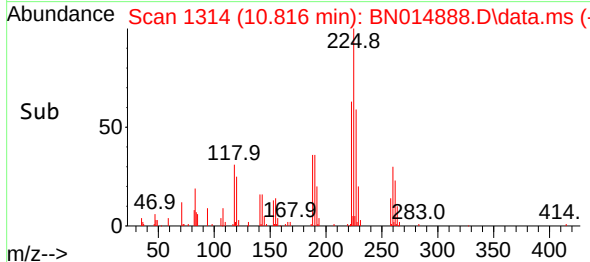
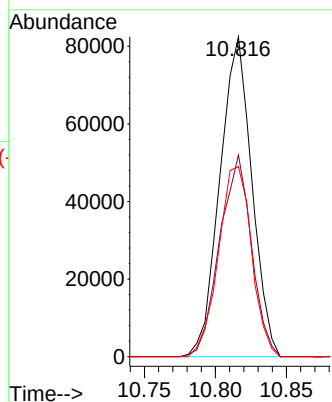
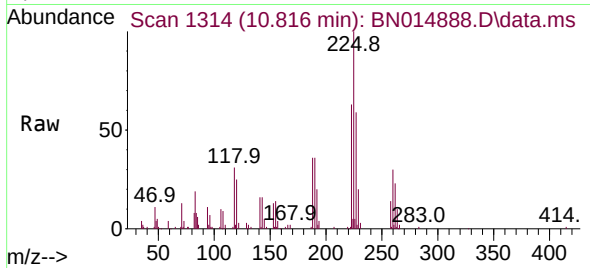




#33
Hexachlorobutadiene
Concen: 20.606 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

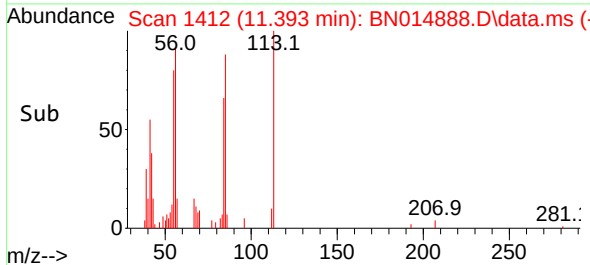
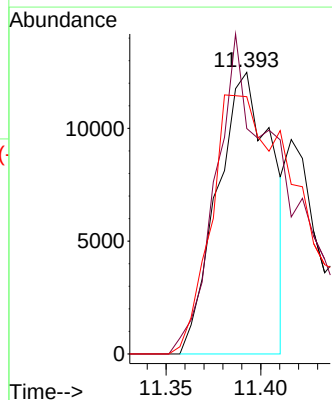
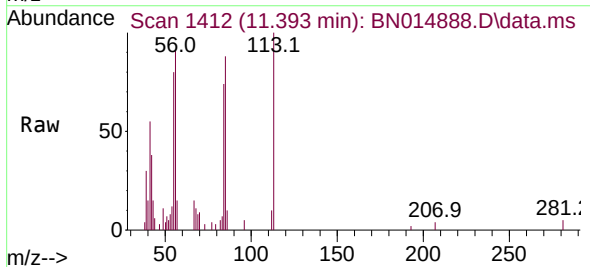
Instrument :
BNA_N
ClientSampleId :

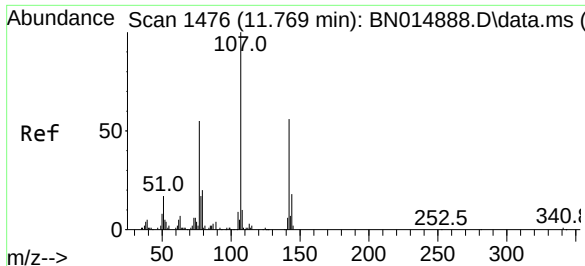
Tgt Ion:225 Resp: 129106
Ion Ratio Lower Upper
225 100
223 63.0 53.3 79.9
227 59.4 53.3 79.9



#34
Caprolactam
Concen: 11.105 ng/ul
RT: 11.393 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:113 Resp: 25141
Ion Ratio Lower Upper
113 100
55 80.1 94.8 142.2#
56 91.4 58.6 87.8#

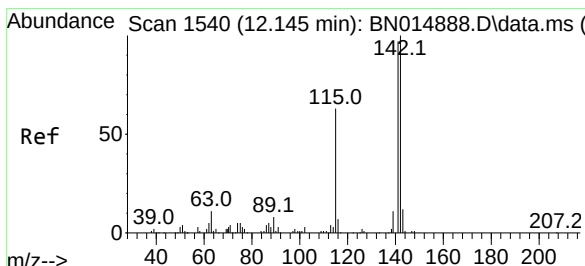
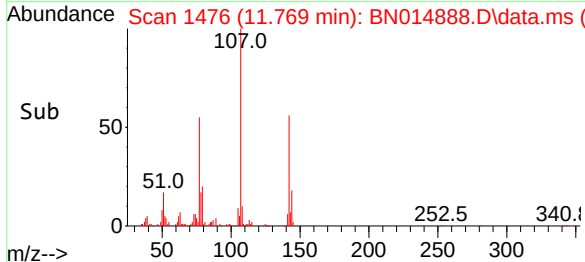
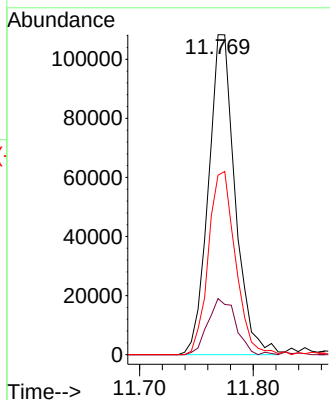
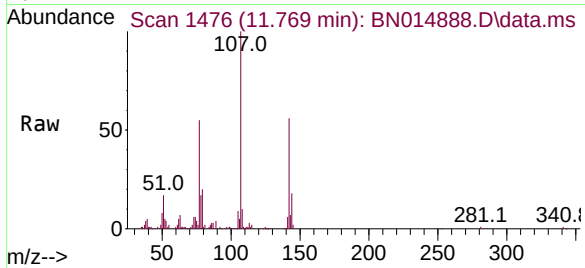




#35
4-Chloro-3-methylphenol
Concen: 17.460 ng/ul
RT: 11.769 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

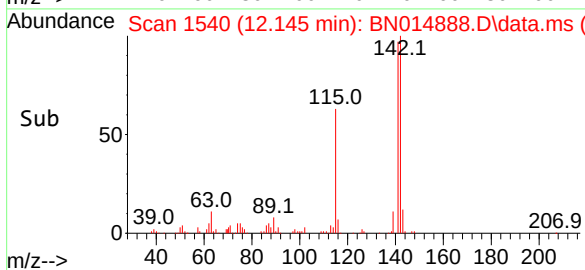
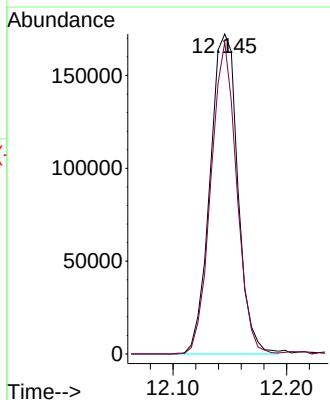
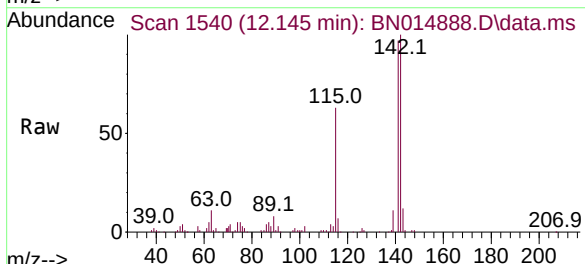
Instrument :
BNA_N
ClientSampled :

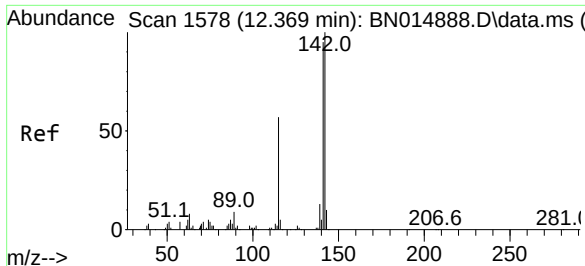
Tgt Ion:107 Resp: 177297
Ion Ratio Lower Upper
107 100
144 17.6 13.4 20.2
142 56.1 42.6 63.8



#36
2-Methylnaphthalene
Concen: 18.246 ng/ul
RT: 12.145 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:142 Resp: 292561
Ion Ratio Lower Upper
142 100
141 97.4 73.6 110.4

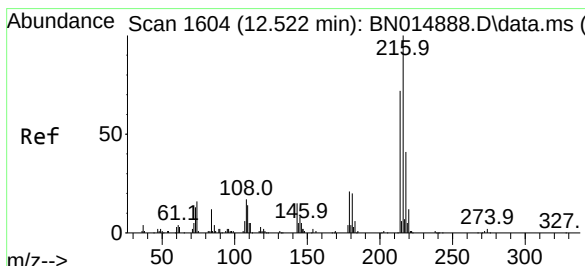
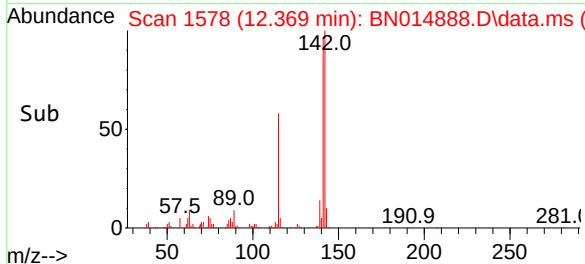
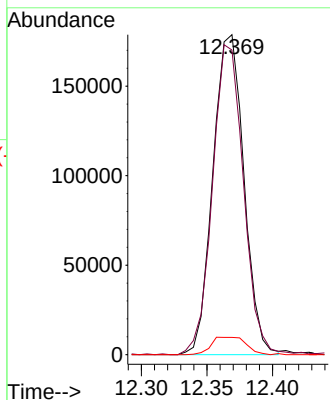
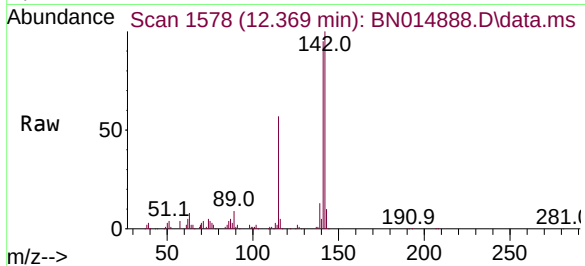




#37
1-Methylnaphthalene
Concen: 18.635 ng/ul
RT: 12.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

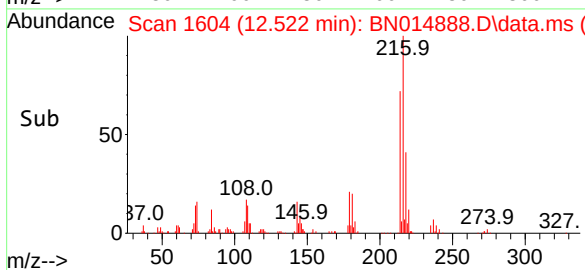
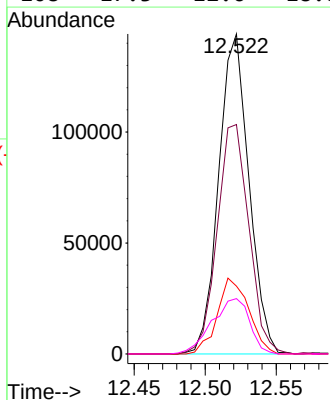
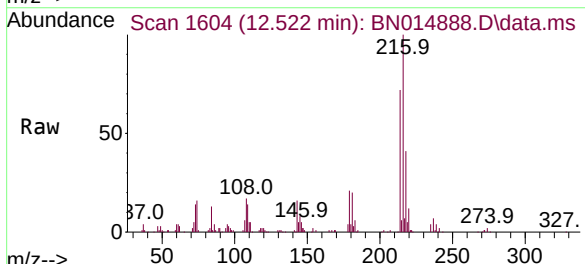
Instrument :
BNA_N
ClientSampleId :

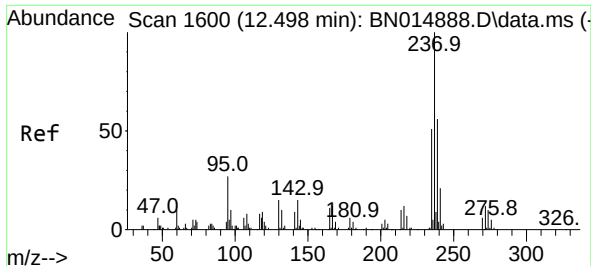
Tgt Ion:142 Resp: 293765
Ion Ratio Lower Upper
142 100
141 95.2 72.0 108.0
116 5.4 3.8 5.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.372 ng/ul
RT: 12.522 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:216 Resp: 213275
Ion Ratio Lower Upper
216 100
214 71.7 65.8 98.8
179 21.2 16.7 25.1
108 17.3 12.6 18.8

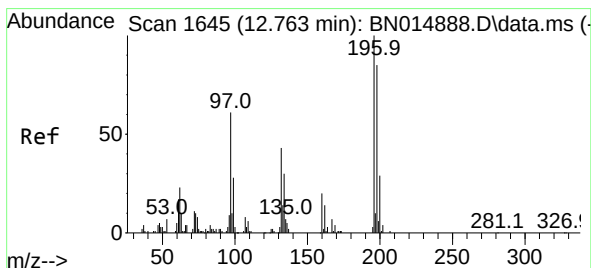
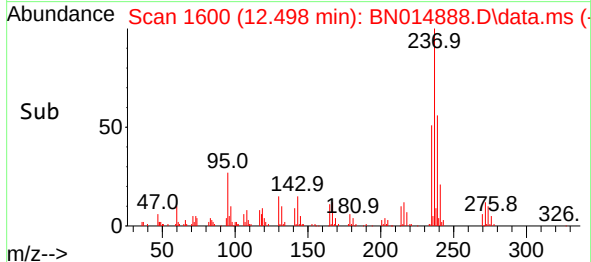
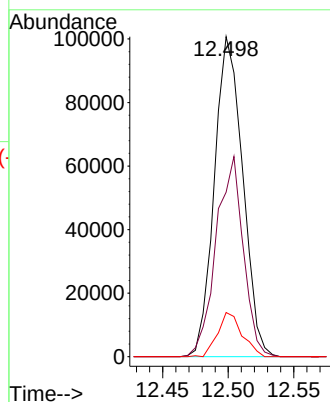
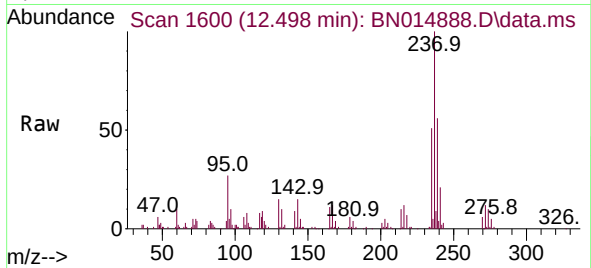




#40
Hexachlorocyclopentadiene
Concen: 20.735 ng/ul
RT: 12.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

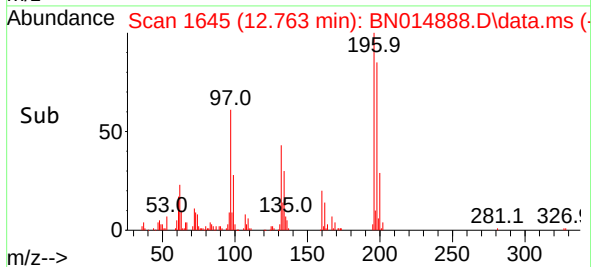
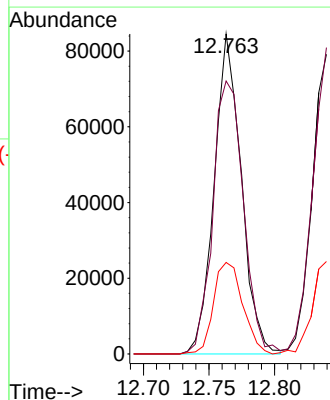
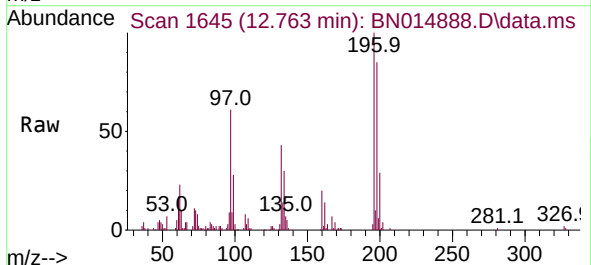
Instrument :
BNA_N
ClientSampled :

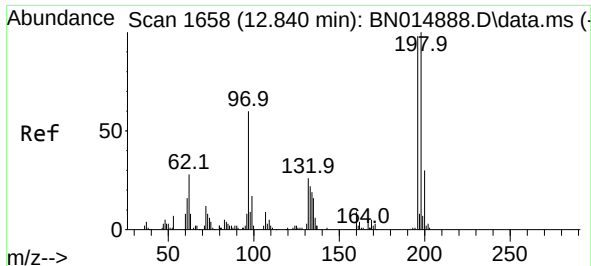
Tgt Ion:237 Resp: 151228
Ion Ratio Lower Upper
237 100
235 51.4 49.8 74.6
272 13.8 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 19.650 ng/ul
RT: 12.763 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:196 Resp: 121484
Ion Ratio Lower Upper
196 100
198 85.3 81.4 122.2
200 28.6 26.7 40.1

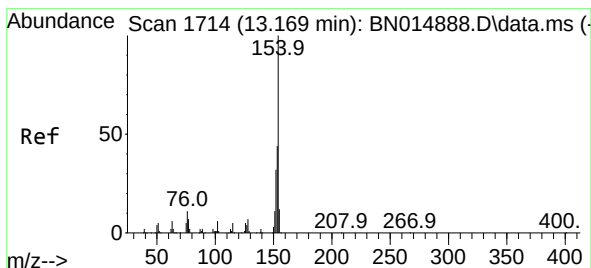
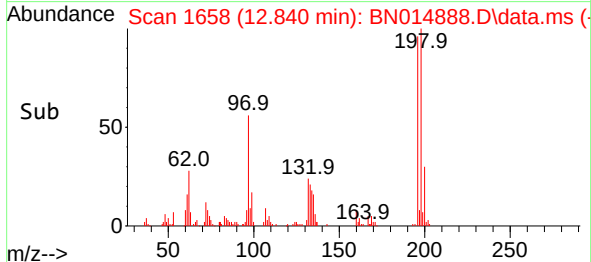
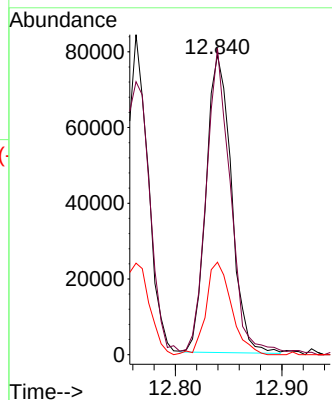
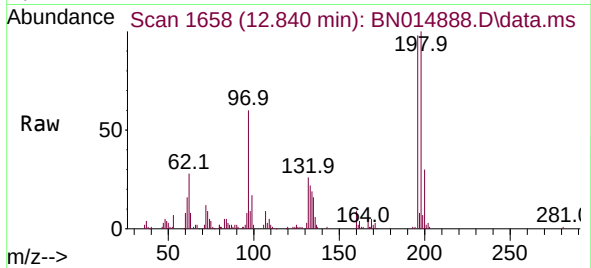




#42
2,4,5-Trichlorophenol
Concen: 19.170 ng/ul
RT: 12.840 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

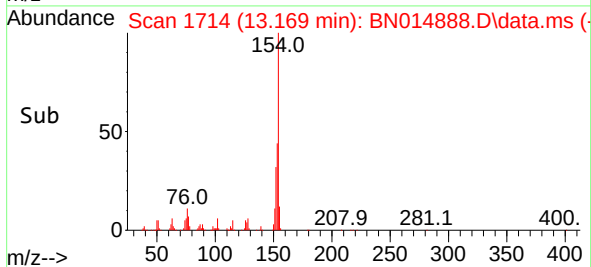
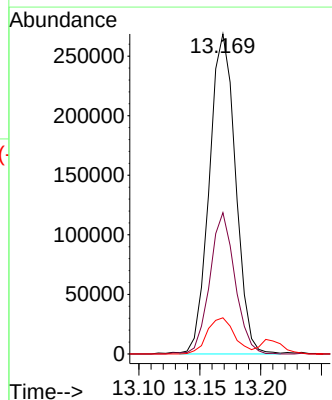
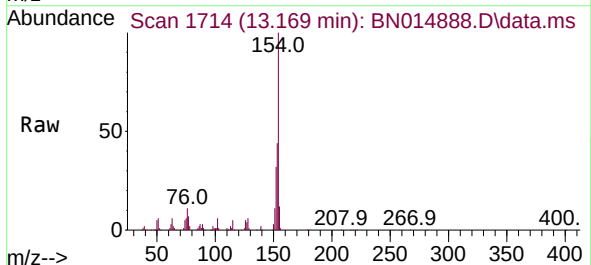
Instrument :
BNA_N
ClientSampleId :

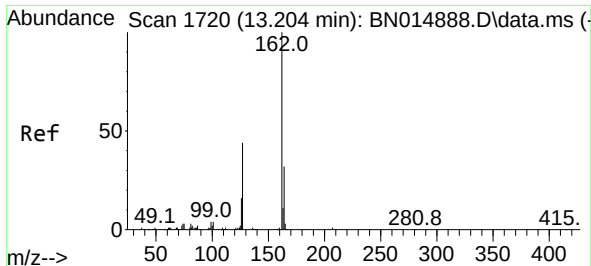
Tgt Ion:196 Resp: 129340
Ion Ratio Lower Upper
196 100
198 102.3 77.8 116.8
200 30.9 24.3 36.5



#43
1,1'-Biphenyl
Concen: 19.322 ng/ul
RT: 13.169 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:154 Resp: 402476
Ion Ratio Lower Upper
154 100
153 44.2 32.2 48.4
76 11.3 12.3 18.5#

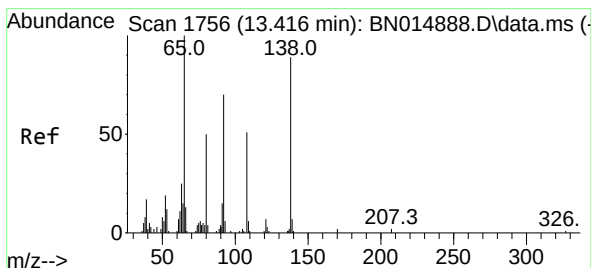
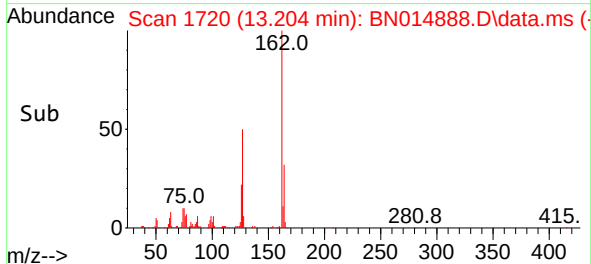
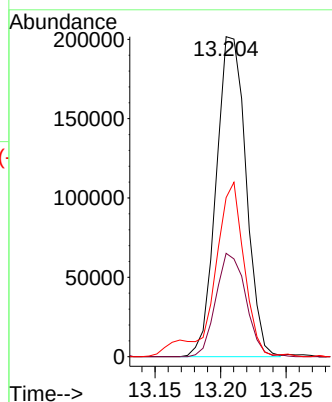
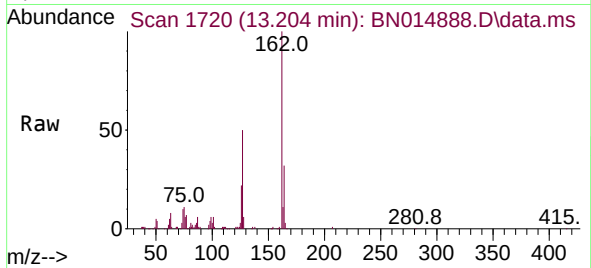




#44
2-Chloronaphthalene
Concen: 19.125 ng/ul
RT: 13.204 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

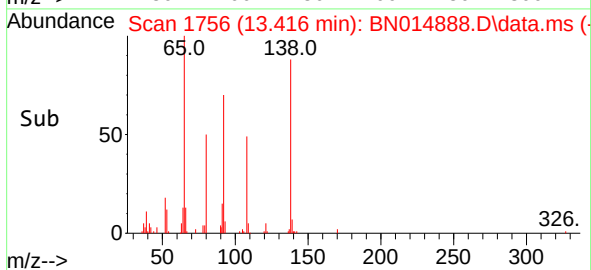
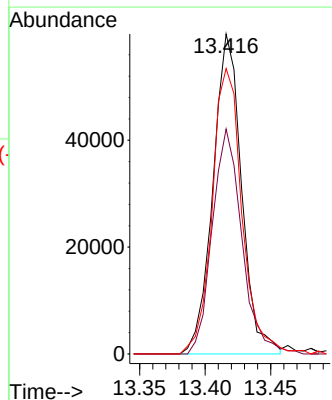
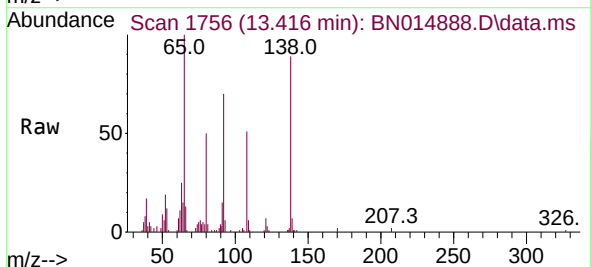
Instrument :
BNA_N
ClientSampleId :

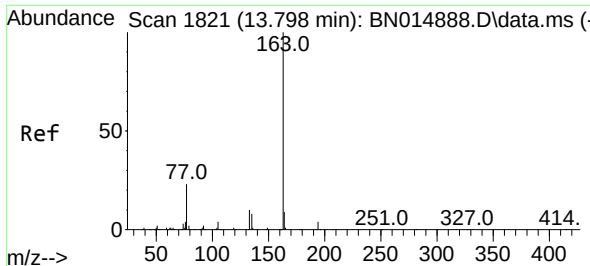
Tgt Ion:162 Resp: 319204
Ion Ratio Lower Upper
162 100
164 32.3 25.9 38.9
127 49.7 39.1 58.7



#45
2-Nitroaniline
Concen: 17.882 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion: 65 Resp: 90907
Ion Ratio Lower Upper
65 100
92 70.3 60.5 90.7
138 89.2 67.0 100.6

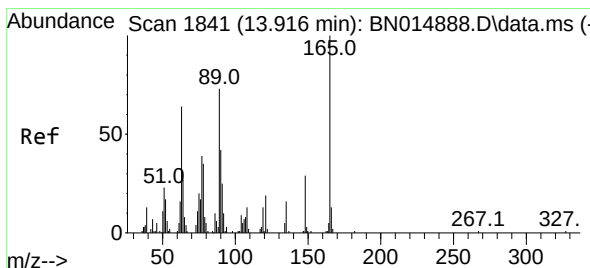
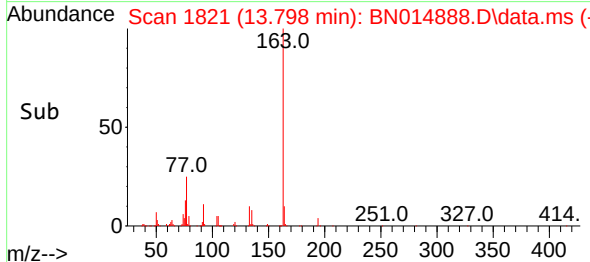
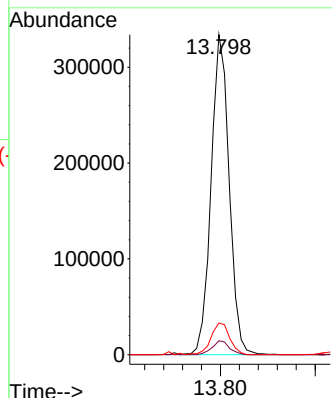
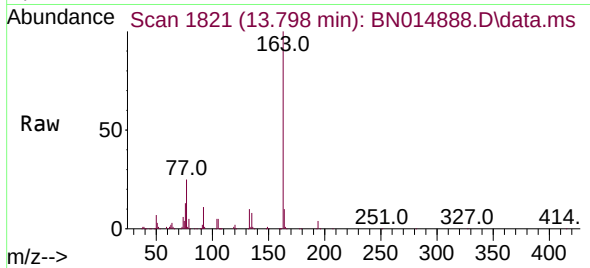




#47
Dimethylphthalate
Concen: 19.323 ng/ul
RT: 13.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

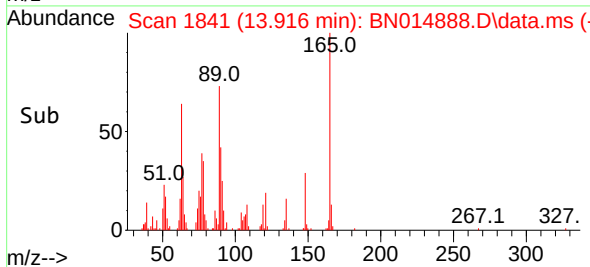
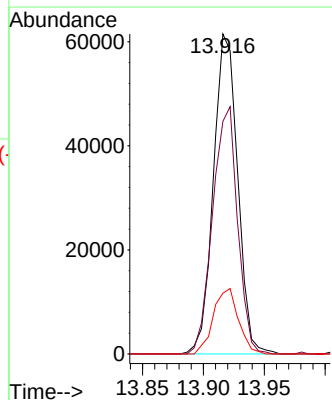
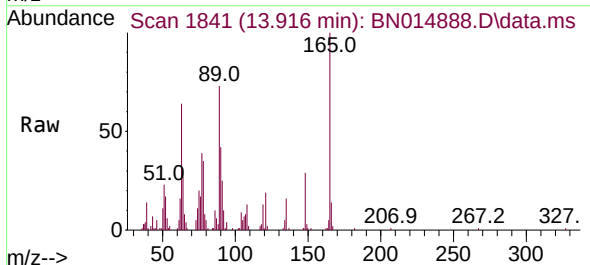
Instrument :
BNA_N
ClientSampleId :

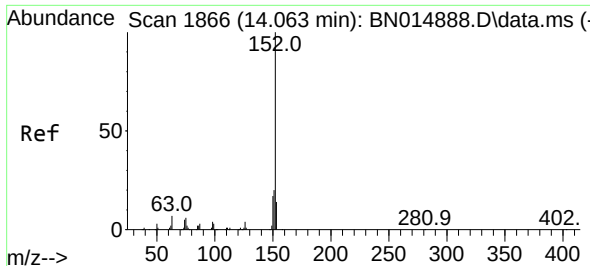
Tgt Ion:163 Resp: 442121
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.8
164 9.9 8.7 13.1



#48
2,6-Dinitrotoluene
Concen: 20.064 ng/ul
RT: 13.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:165 Resp: 85313
Ion Ratio Lower Upper
165 100
89 72.7 63.0 94.6
121 19.0 15.8 23.8

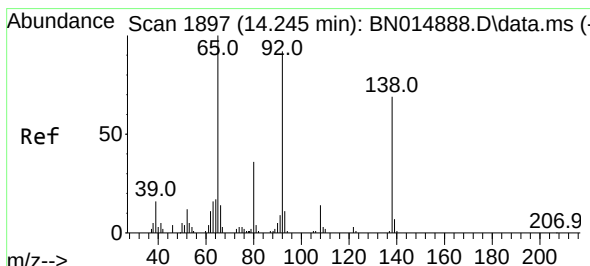
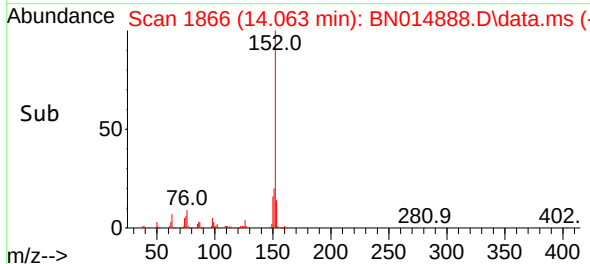
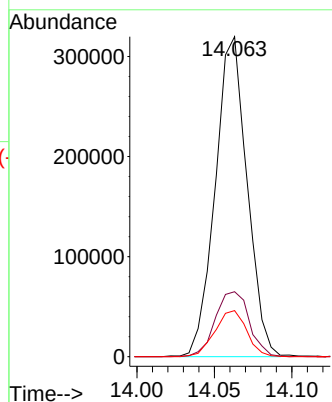
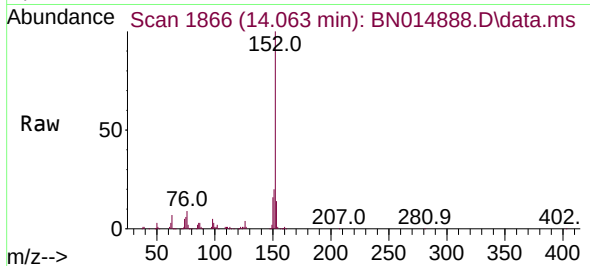




#50
Acenaphthylene
Concen: 18.580 ng/ul
RT: 14.063 min Scan# 1866
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

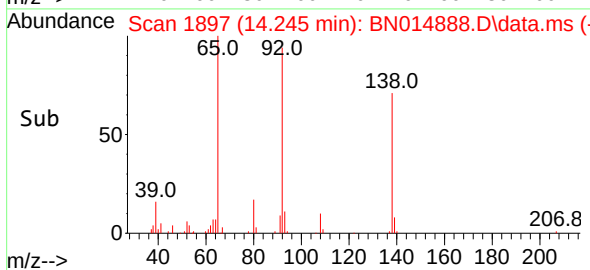
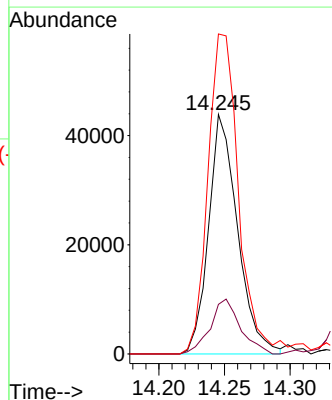
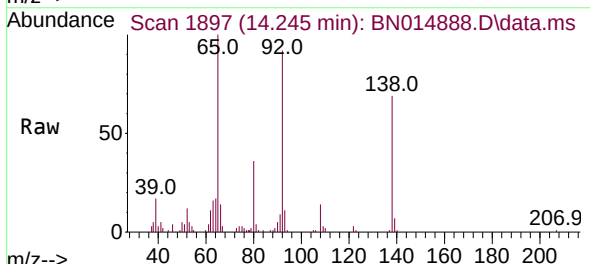
Instrument :
BNA_N
ClientSampleId :

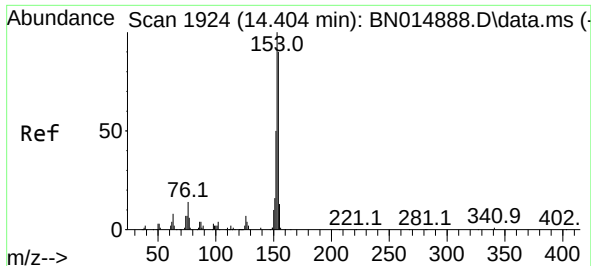
Tgt Ion:152 Resp: 456987
Ion Ratio Lower Upper
152 100
151 20.3 17.8 26.8
153 14.4 11.2 16.8



#51
3-Nitroaniline
Concen: 16.385 ng/ul
RT: 14.245 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:138 Resp: 67599
Ion Ratio Lower Upper
138 100
108 20.7 17.0 25.4
92 133.6 133.6 200.4

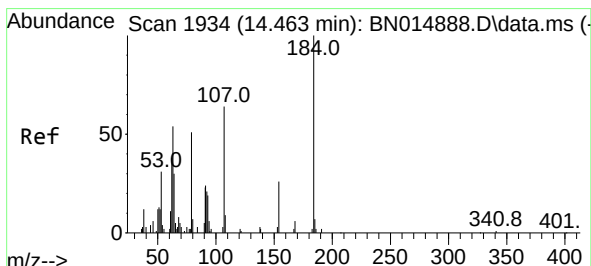
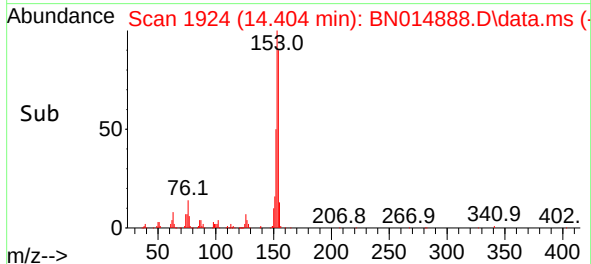
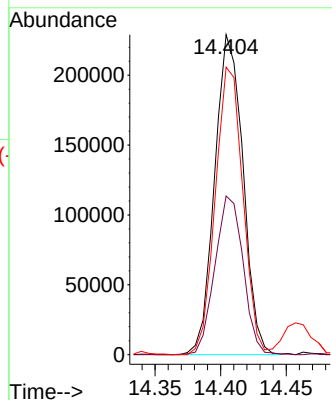
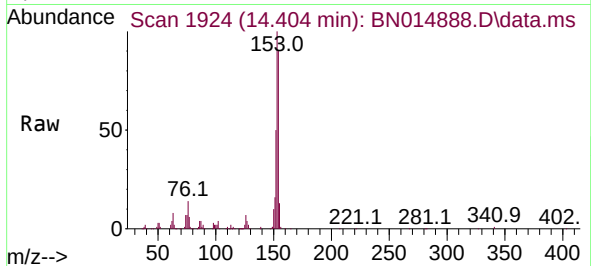




#52
Acenaphthene
Concen: 19.281 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

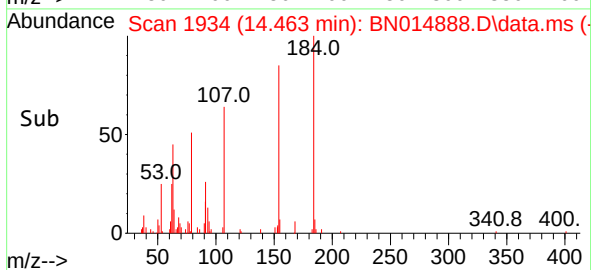
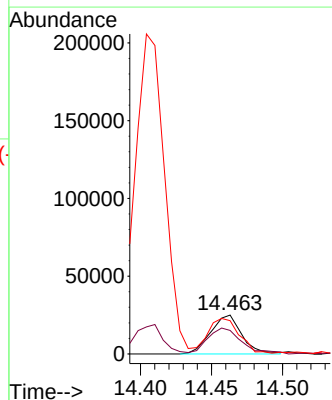
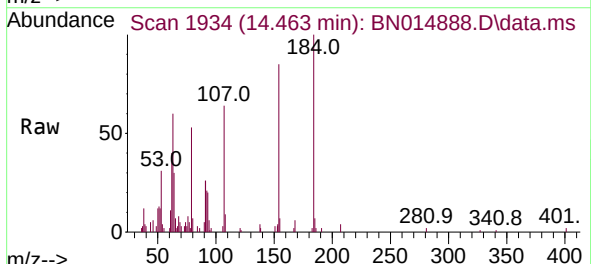
Instrument :
BNA_N
ClientSampleId :

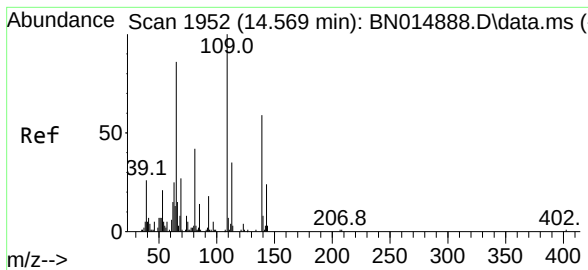
Tgt Ion:153 Resp: 343606
Ion Ratio Lower Upper
153 100
152 49.6 37.7 56.5
154 89.9 67.8 101.6



#53
2,4-Dinitrophenol
Concen: 12.364 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:184 Resp: 38168
Ion Ratio Lower Upper
184 100
63 60.5 54.3 81.5
154 85.3 70.0 105.0

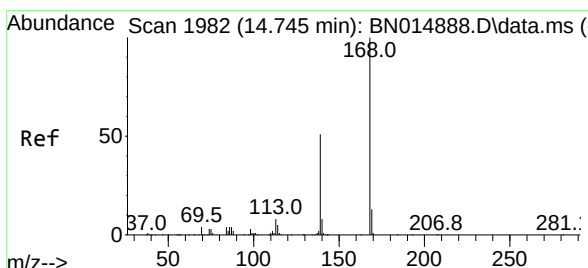
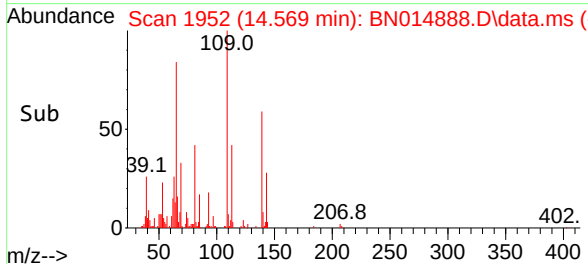
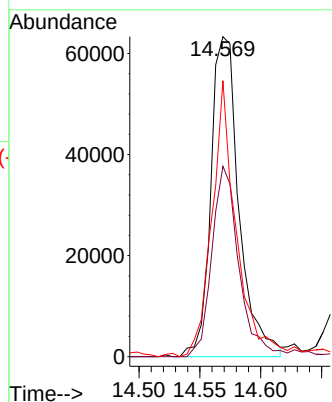
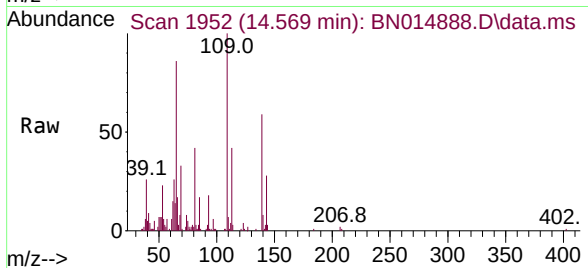




#55
4-Nitrophenol
Concen: 14.451 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

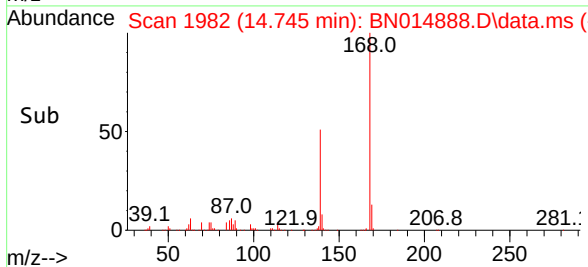
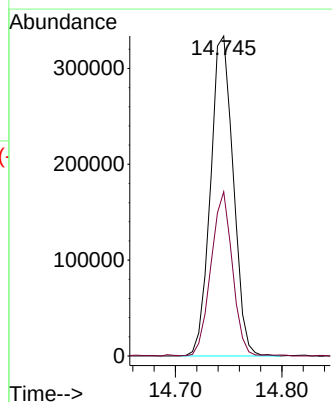
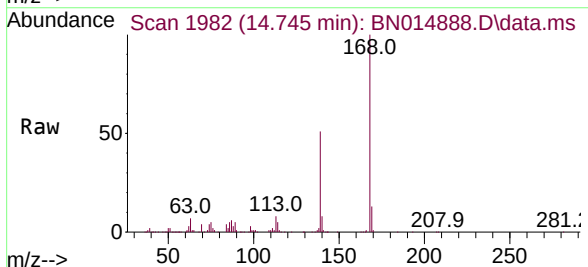
Instrument :
BNA_N
ClientSampleId :

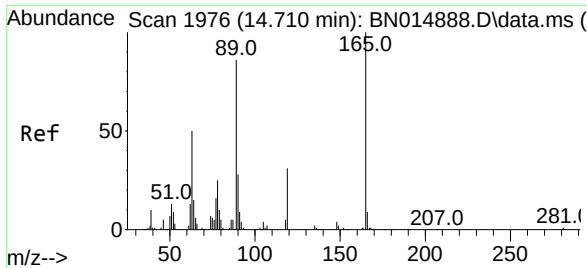
Tgt Ion:109 Resp: 101809
Ion Ratio Lower Upper
109 100
139 59.5 59.8 89.8#
65 86.3 68.6 102.8



#56
Dibenzofuran
Concen: 18.657 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:168 Resp: 494602
Ion Ratio Lower Upper
168 100
139 51.3 29.5 44.3#

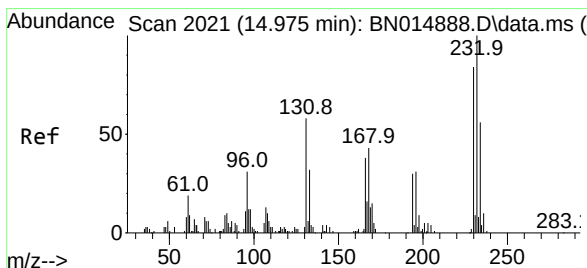
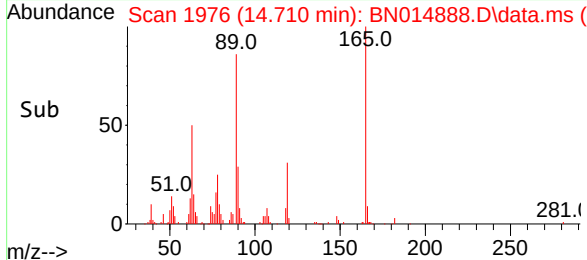
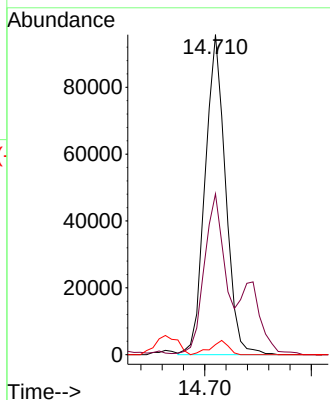
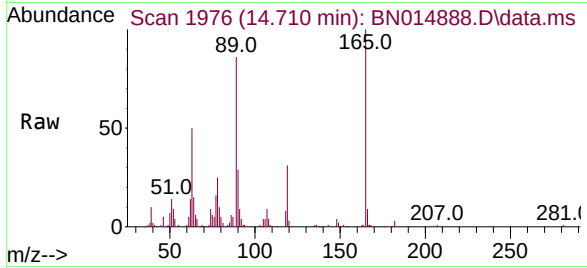




#57
2,4-Dinitrotoluene
Concen: 18.879 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

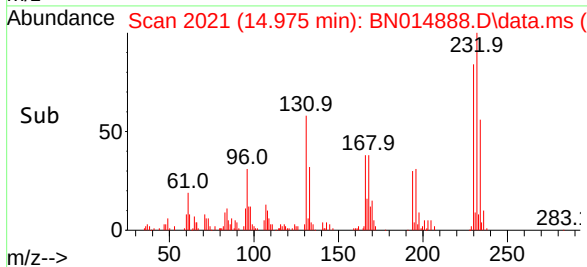
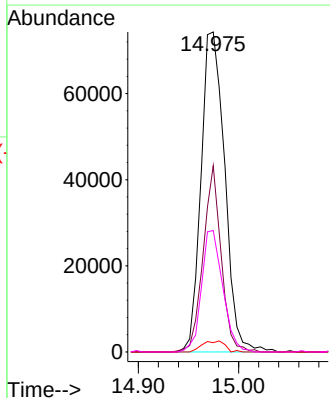
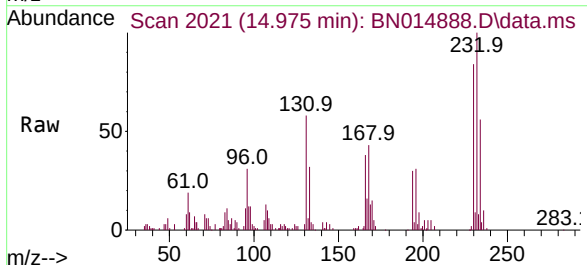
Instrument :
BNA_N
ClientSampleId :

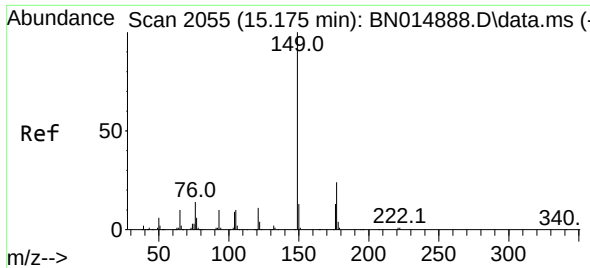
Tgt Ion:165 Resp: 127926
Ion Ratio Lower Upper
165 100
63 50.2 37.6 56.4
182 3.2 1.8 2.6#



#58
2,3,4,6-Tetrachlorophenol
Concen: 17.633 ng/ul
RT: 14.975 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:232 Resp: 122383
Ion Ratio Lower Upper
232 100
131 58.2 27.8 41.8#
130 2.9 1.7 2.5#
166 38.0 20.6 30.8#

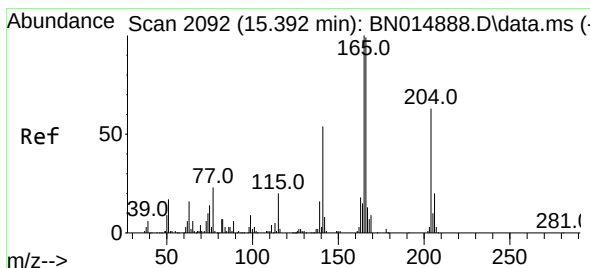
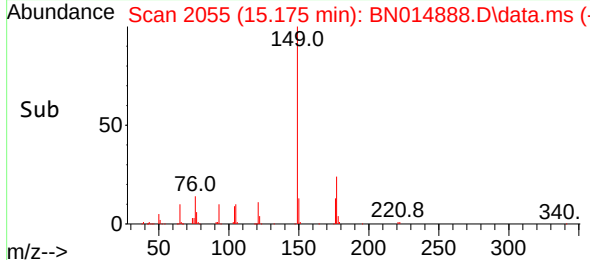
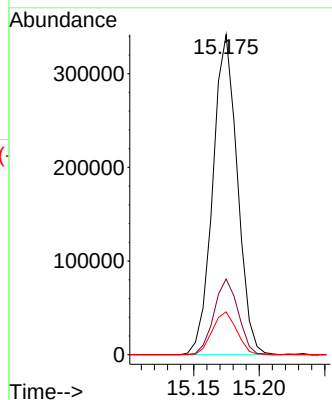
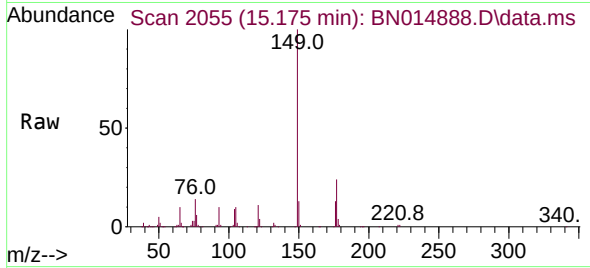




#59
Diethylphthalate
Concen: 20.235 ng/ul
RT: 15.175 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

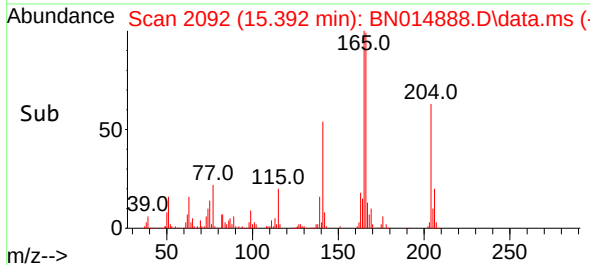
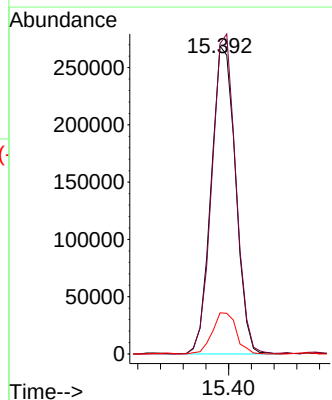
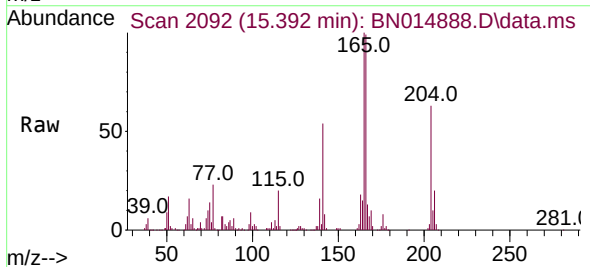
Instrument :
BNA_N
ClientSampleId :

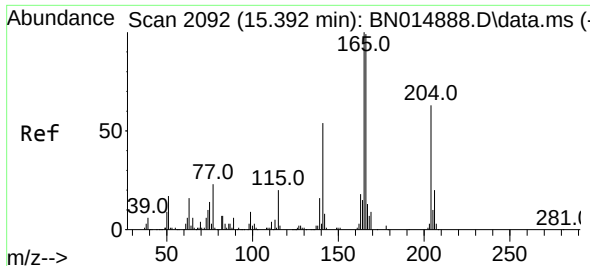
Tgt Ion:149 Resp: 445092
Ion Ratio Lower Upper
149 100
177 23.6 20.6 31.0
150 13.4 11.4 17.2



#61
Fluorene
Concen: 20.082 ng/ul
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:166 Resp: 400543
Ion Ratio Lower Upper
166 100
165 100.8 74.6 111.8
167 13.4 11.1 16.7

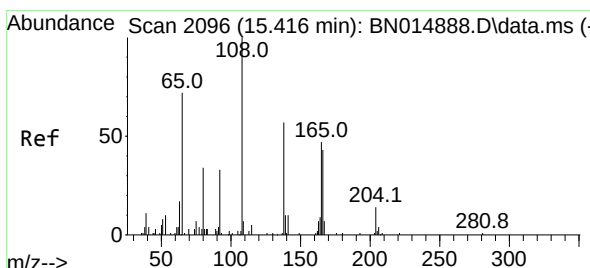
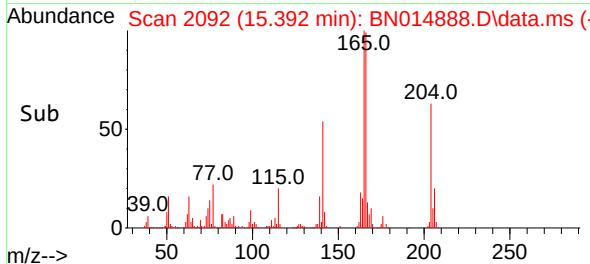
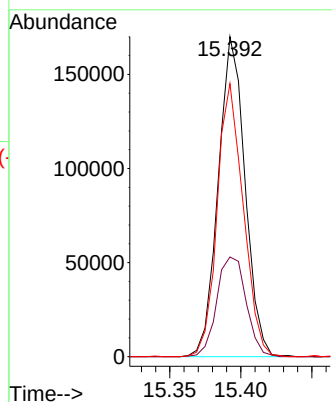
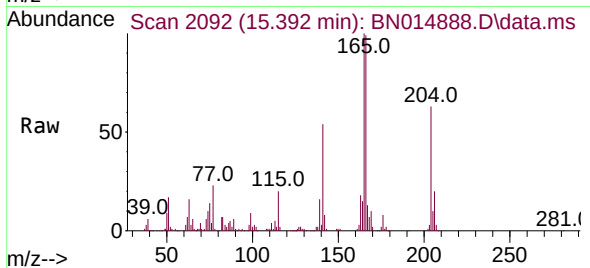




#62
4-Chlorophenyl-phenylether
Concen: 18.903 ng/ul
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

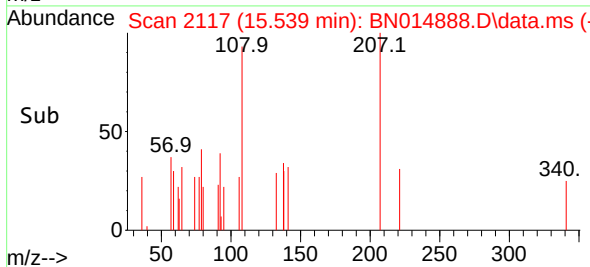
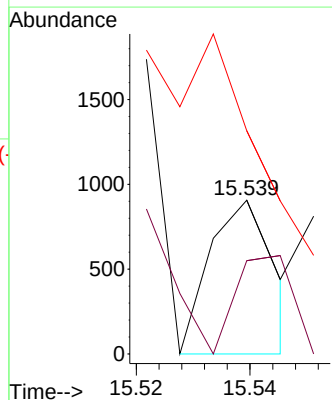
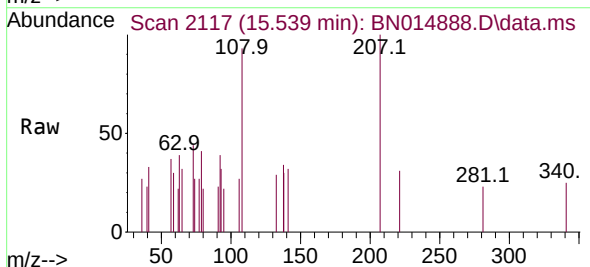
Instrument :
BNA_N
ClientSampled :

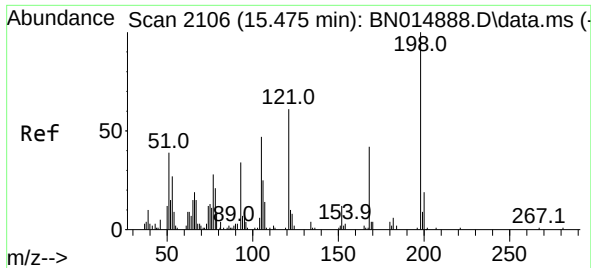
Tgt Ion:204 Resp: 223053
Ion Ratio Lower Upper
204 100
206 31.2 27.2 40.8
141 85.4 52.1 78.1#



#63
4-Nitroaniline
Concen: 0.171 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. 0.124 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:138 Resp: 715
Ion Ratio Lower Upper
138 100
92 60.6 57.5 86.3
108 145.1 109.3 163.9

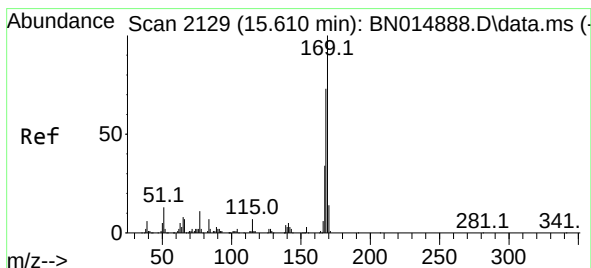
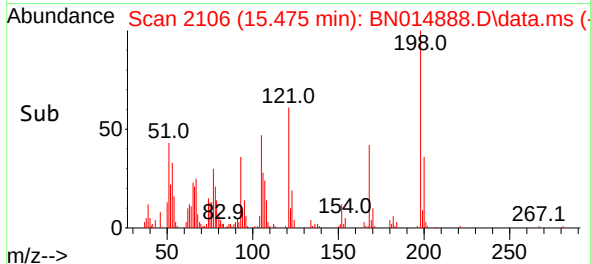
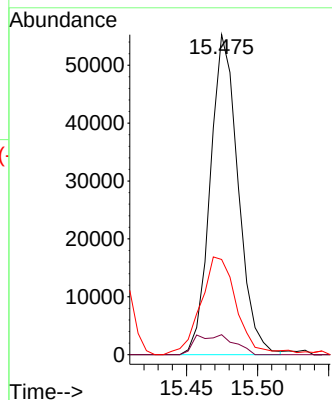
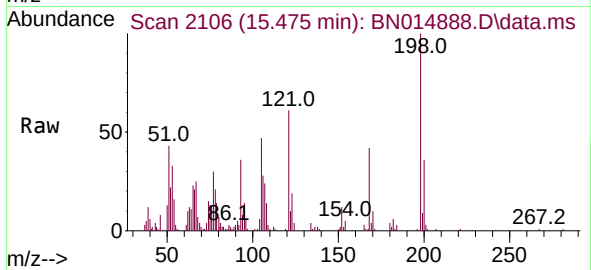




#66
 4,6-Dinitro-2-methylphenol
 Concen: 21.090 ng/ul
 RT: 15.475 min Scan# 2106
 Delta R.T. 0.000 min
 Lab File: BN014888.D
 Acq: 12 Jun 2021 11:13

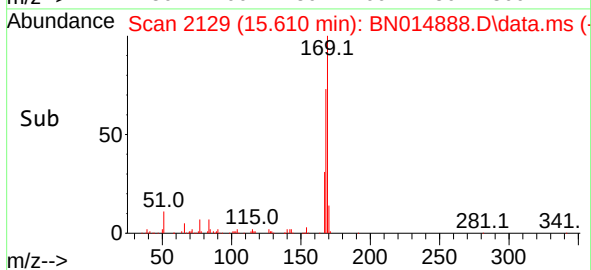
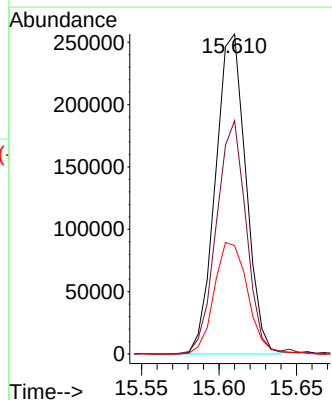
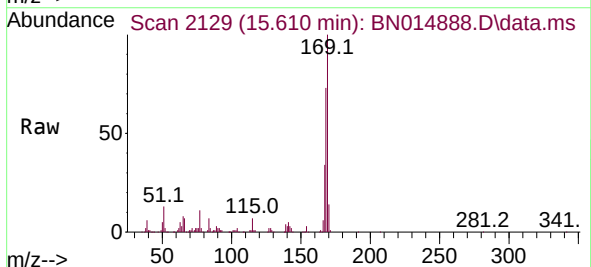
Instrument :
 BNA_N
 ClientSampled :

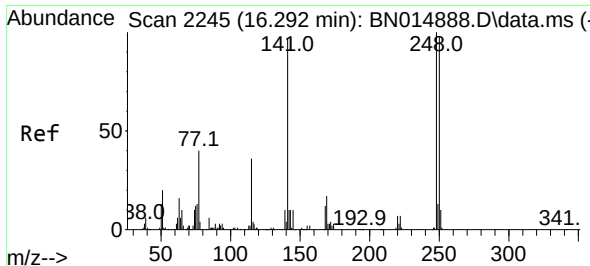
Tgt Ion:198 Resp: 75577
 Ion Ratio Lower Upper
 198 100
 182 6.3 4.1 6.1#
 77 29.7 20.8 31.2



#67
 N-Nitrosodiphenylamine
 Concen: 19.472 ng/ul
 RT: 15.610 min Scan# 2129
 Delta R.T. 0.000 min
 Lab File: BN014888.D
 Acq: 12 Jun 2021 11:13

Tgt Ion:169 Resp: 351254
 Ion Ratio Lower Upper
 169 100
 168 72.9 54.7 82.1
 167 33.8 30.6 46.0

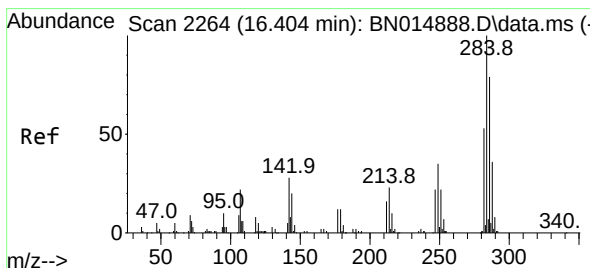
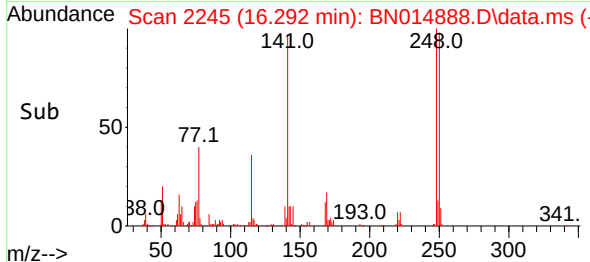
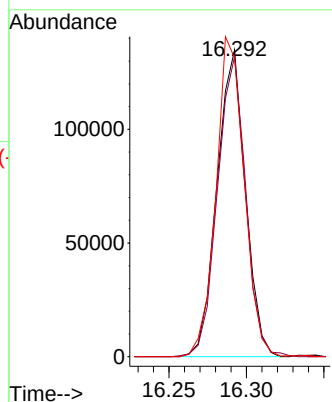
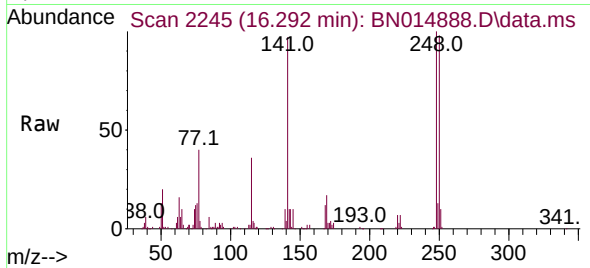




#68
4-Bromophenyl-phenylether
Concen: 19.668 ng/ul
RT: 16.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

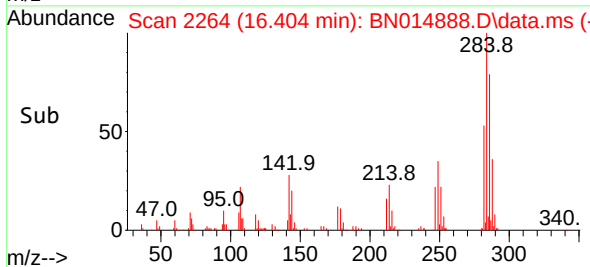
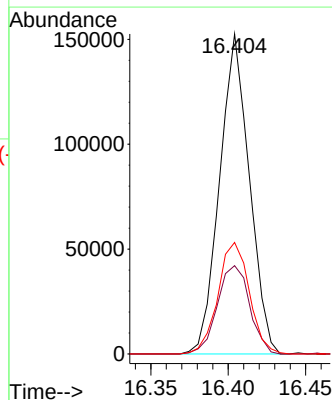
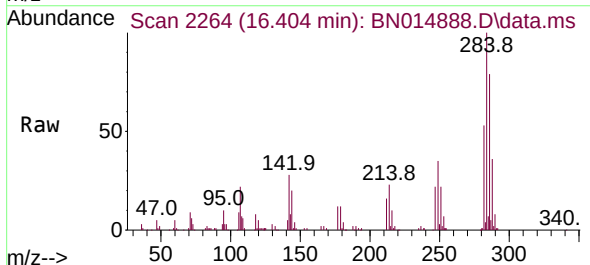
Instrument :
BNA_N
ClientSampled :

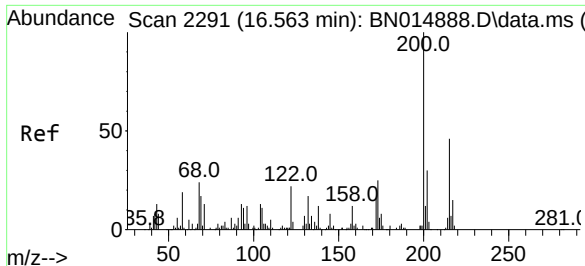
Tgt Ion:248 Resp: 171530
Ion Ratio Lower Upper
248 100
250 97.8 74.2 111.2
141 97.2 63.4 95.2#



#69
Hexachlorobenzene
Concen: 18.658 ng/ul
RT: 16.404 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:284 Resp: 203561
Ion Ratio Lower Upper
284 100
142 27.6 20.6 30.8
249 34.8 27.3 40.9

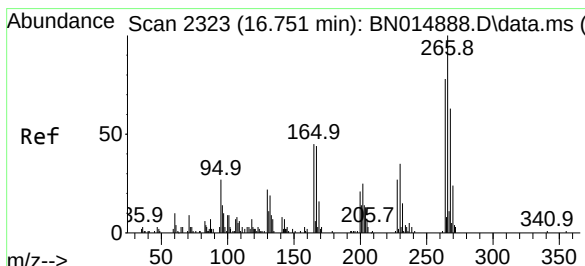
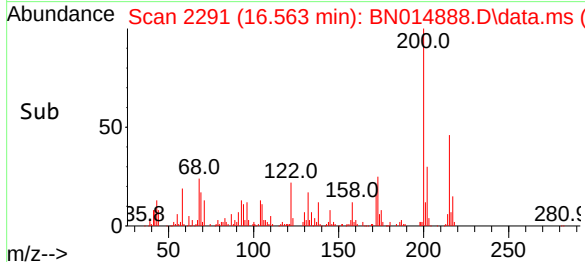
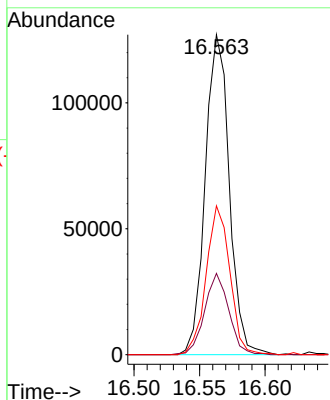
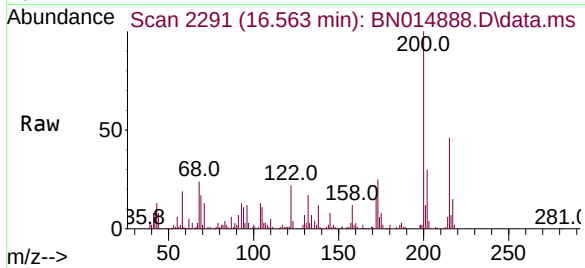




#70
Atrazine
Concen: 21.722 ng/ul
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

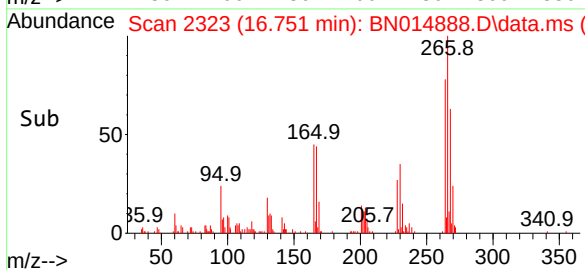
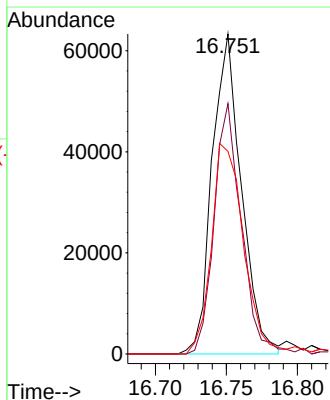
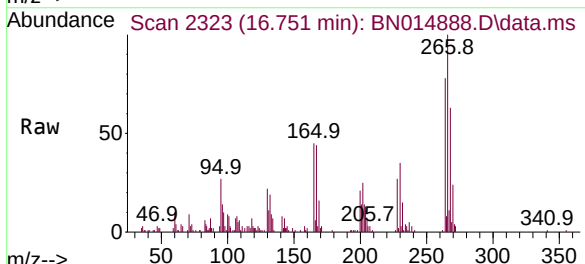
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BNA_N
ClientSampled :

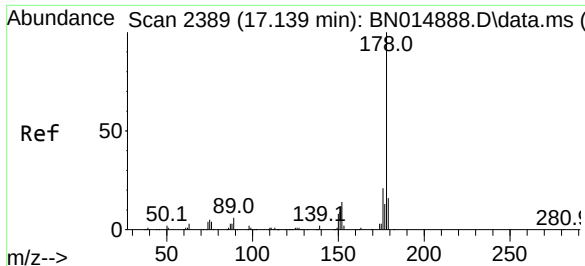
Tgt Ion:200 Resp: 162032
Ion Ratio Lower Upper
200 100
173 25.4 22.0 33.0
215 46.5 38.3 57.5



#71
Pentachlorophenol
Concen: 14.408 ng/ul
RT: 16.751 min Scan# 2323
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:266 Resp: 90502
Ion Ratio Lower Upper
266 100
264 78.2 47.8 71.6#
268 63.3 48.4 72.6

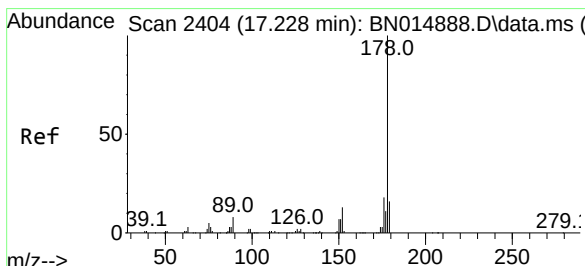
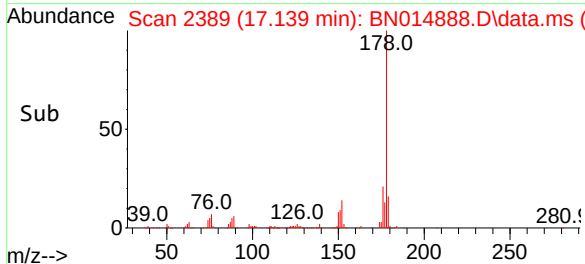
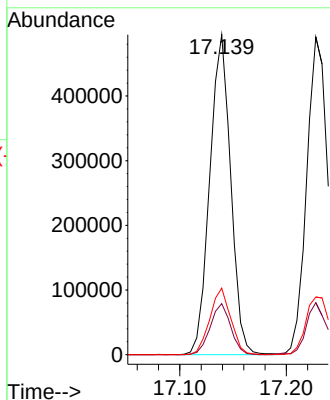
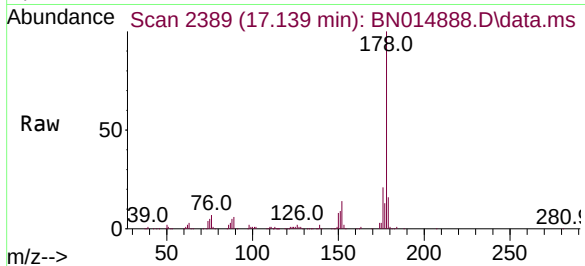




#72
Phenanthrene
Concen: 19.342 ng/ul
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

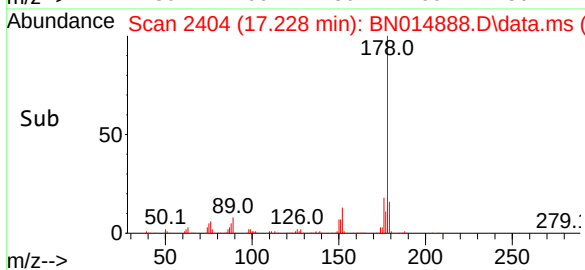
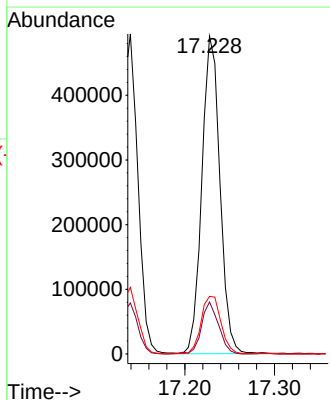
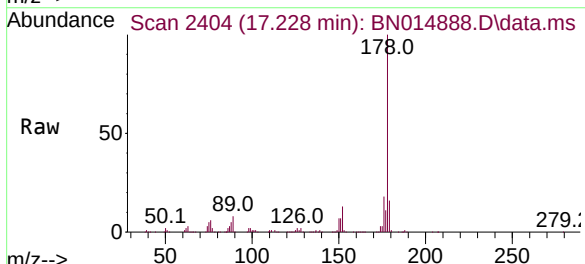
Instrument :
BNA_N
ClientSampleId :

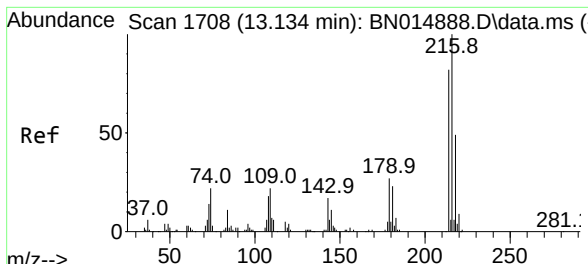
Tgt Ion:178 Resp: 676844
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 20.8 15.4 23.0



#74
Anthracene
Concen: 19.480 ng/ul
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:178 Resp: 687051
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 18.1 15.3 22.9

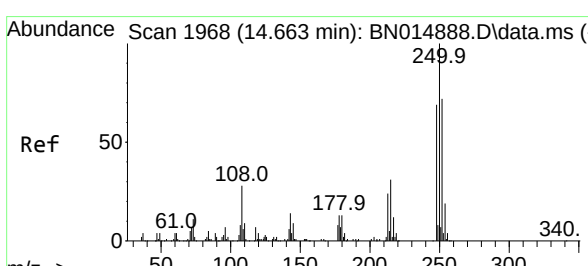
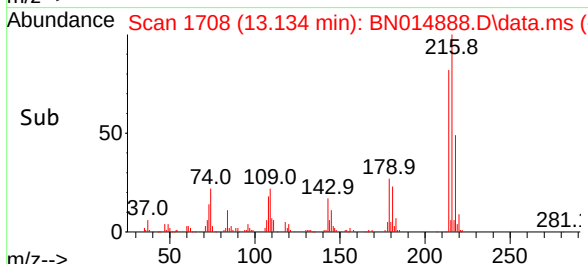
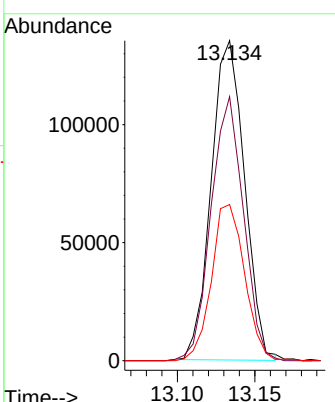
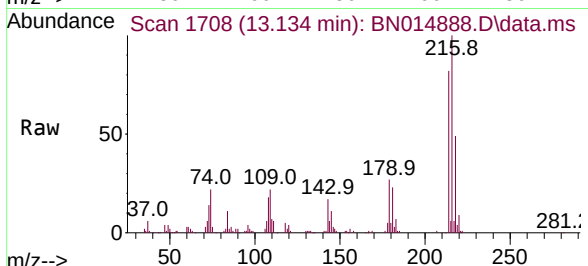




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 18.290 ng/uL
 RT: 13.134 min Scan# 1708
 Delta R.T. 0.000 min
 Lab File: BN014888.D
 Acq: 12 Jun 2021 11:13

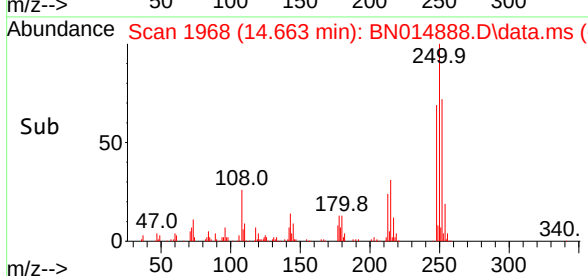
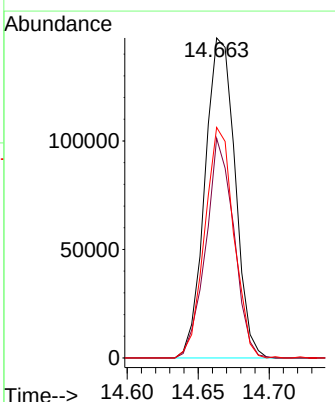
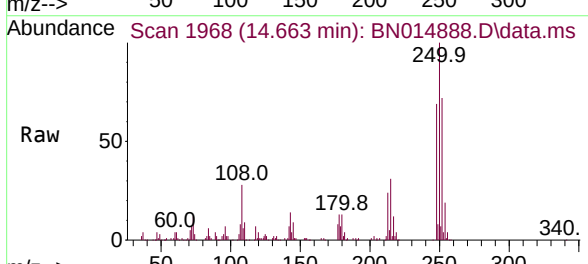
Instrument :
 BNA_N
 ClientSampled :

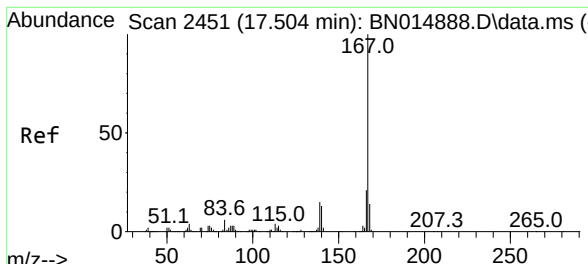
Tgt Ion:	216	Resp:	202408
Ion Ratio	Lower	Upper	
216	100		
214	82.5	58.6	87.8
218	48.8	43.5	65.3



#76
 Pentachlorobenzene
 Concen: 18.992 ng/uL
 RT: 14.663 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: BN014888.D
 Acq: 12 Jun 2021 11:13

Tgt Ion:	250	Resp:	217384
Ion Ratio	Lower	Upper	
250	100		
248	68.7	49.5	74.3
252	75.9	51.7	77.5

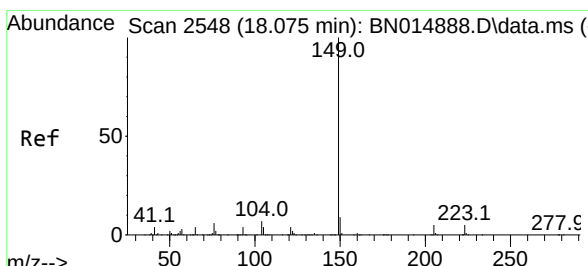
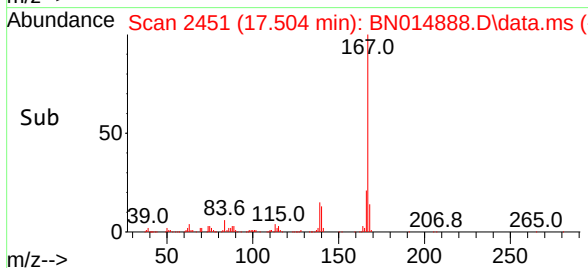
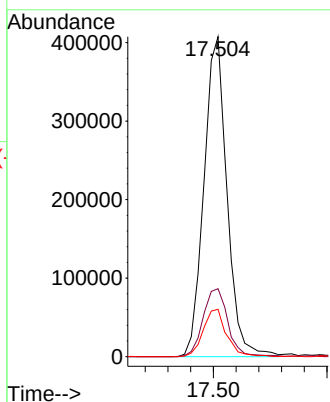
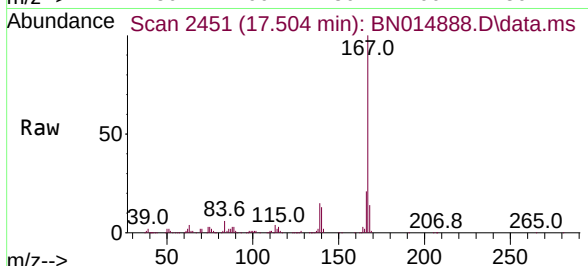




#77
 Carbazole
 Concen: 19.317 ng/ul
 RT: 17.504 min Scan# 2451
 Delta R.T. 0.000 min
 Lab File: BN014888.D
 Acq: 12 Jun 2021 11:13

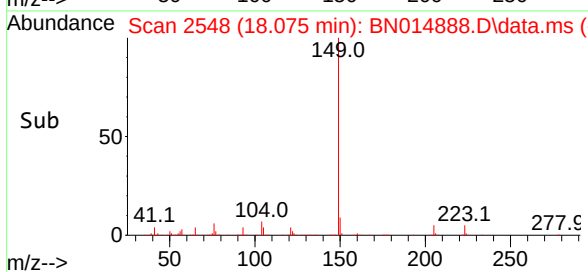
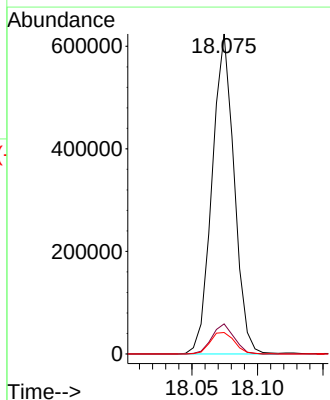
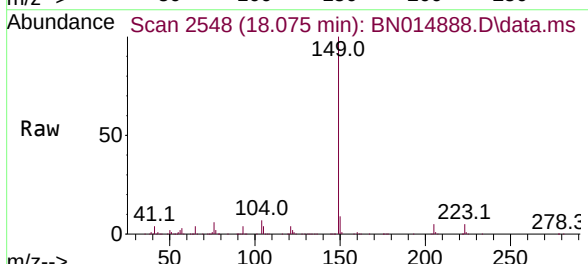
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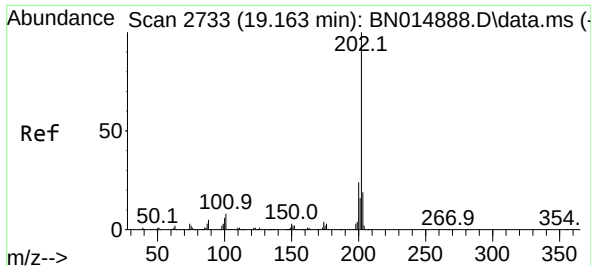
Tgt Ion:	167	Resp:	574194
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.4	26.0
139	14.8	10.6	15.8



#78
 Di-n-butylphthalate
 Concen: 20.832 ng/ul
 RT: 18.075 min Scan# 2548
 Delta R.T. 0.000 min
 Lab File: BN014888.D
 Acq: 12 Jun 2021 11:13

Tgt Ion:	149	Resp:	729655
Ion Ratio	Lower	Upper	
149	100		
150	9.4	6.5	9.7
104	6.7	5.6	8.4

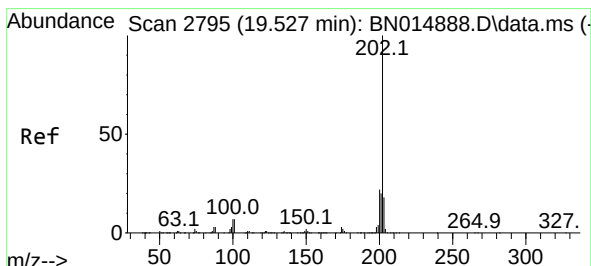
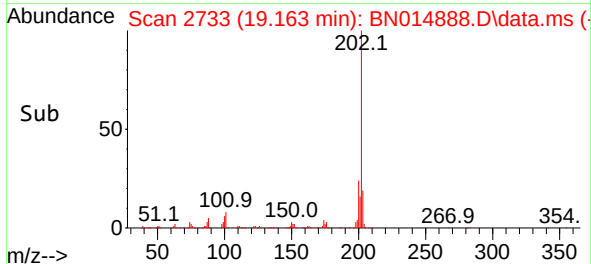
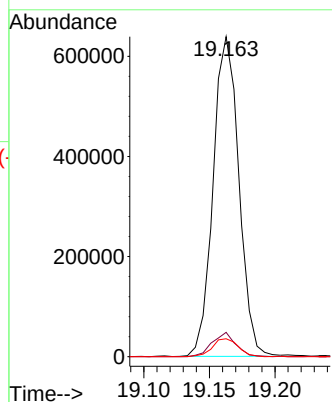
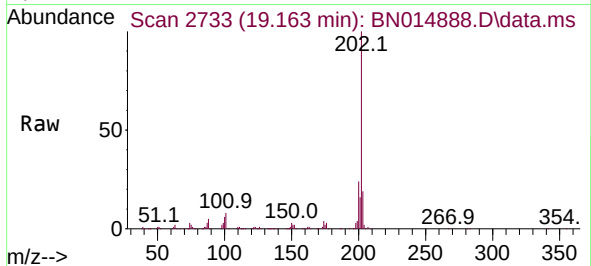




#80
 Fluoranthene
 Concen: 19.544 ng/ul
 RT: 19.163 min Scan# 2733
 Delta R.T. 0.000 min
 Lab File: BN014888.D
 Acq: 12 Jun 2021 11:13

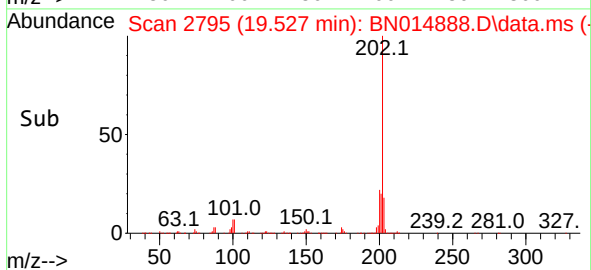
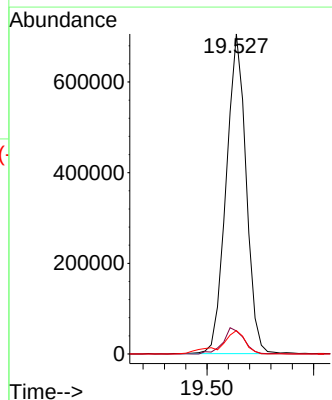
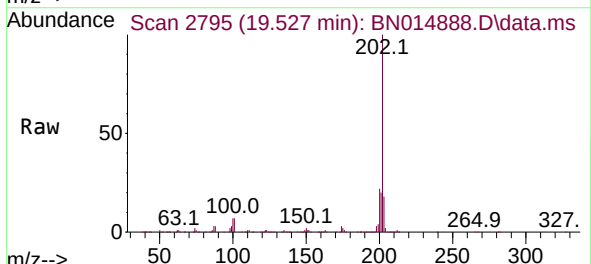
Instrument :
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 ClientSampleId :

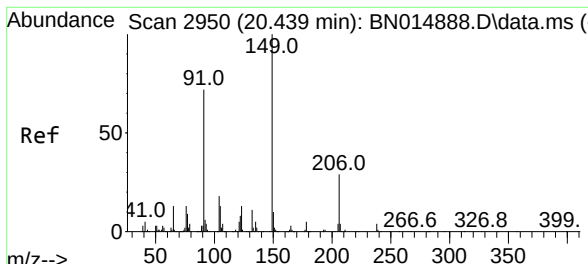
Tgt Ion:202 Resp: 872105
 Ion Ratio Lower Upper
 202 100
 101 7.6 7.6 11.4
 100 5.6 5.6 8.4#



#82
 Pyrene
 Concen: 19.926 ng/ul
 RT: 19.527 min Scan# 2795
 Delta R.T. 0.000 min
 Lab File: BN014888.D
 Acq: 12 Jun 2021 11:13

Tgt Ion:202 Resp: 914373
 Ion Ratio Lower Upper
 202 100
 101 7.2 8.7 13.1#
 100 7.3 6.2 9.4

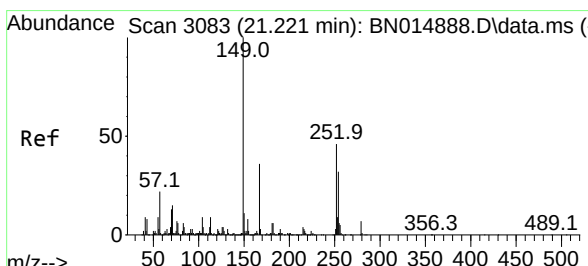
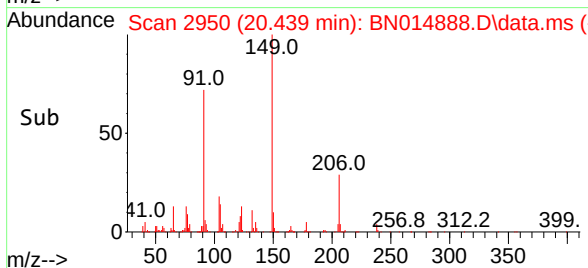
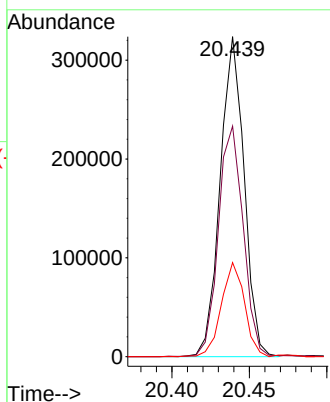
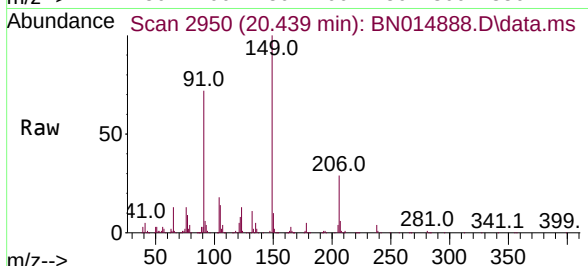




#83
 Butylbenzylphthalate
 Concen: 22.526 ng/ul
 RT: 20.439 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: BN014888.D
 Acq: 12 Jun 2021 11:13

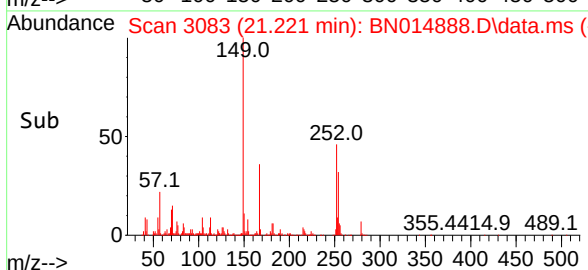
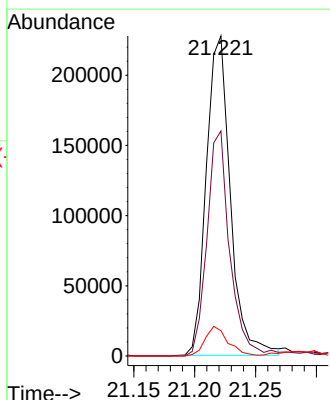
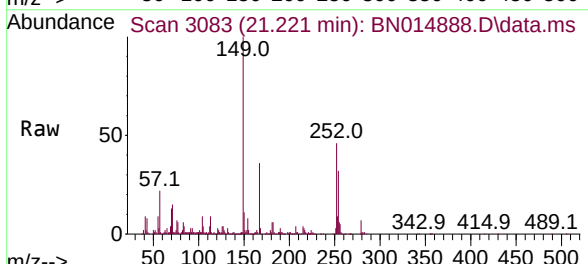
Instrument :
 BNA_N
 ClientSampled :

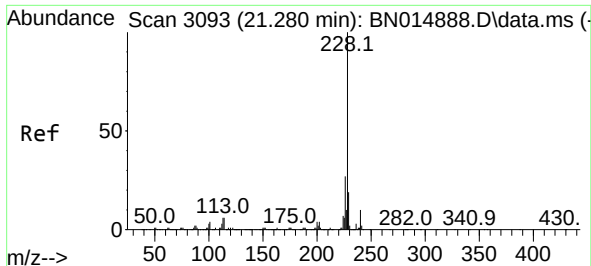
Tgt Ion:	149	Resp:	347332
Ion Ratio	Lower	Upper	
149	100		
91	72.0	65.7	98.5
206	29.4	23.8	35.8



#84
 3,3'-Dichlorobenzidine
 Concen: 20.684 ng/ul
 RT: 21.221 min Scan# 3083
 Delta R.T. 0.000 min
 Lab File: BN014888.D
 Acq: 12 Jun 2021 11:13

Tgt Ion:	252	Resp:	312983
Ion Ratio	Lower	Upper	
252	100		
254	70.3	50.1	75.1
126	7.9	6.3	9.5

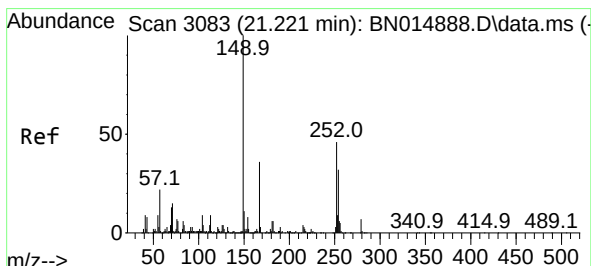
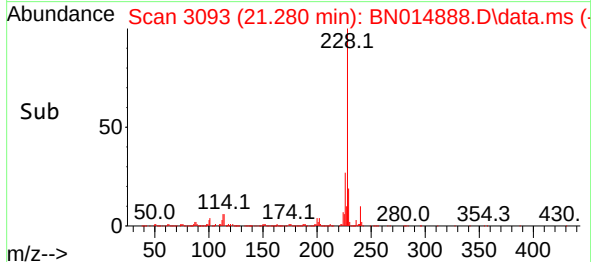
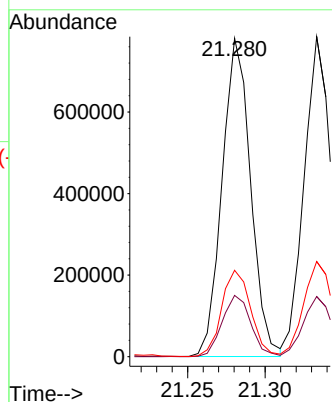
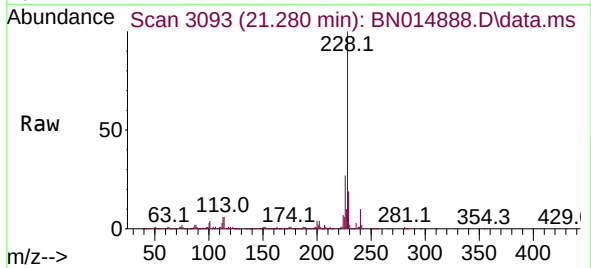




#85
Benzo(a)anthracene
Concen: 19.962 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

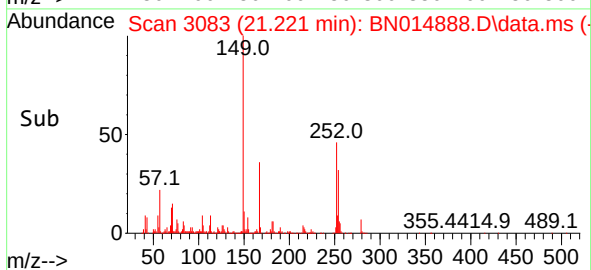
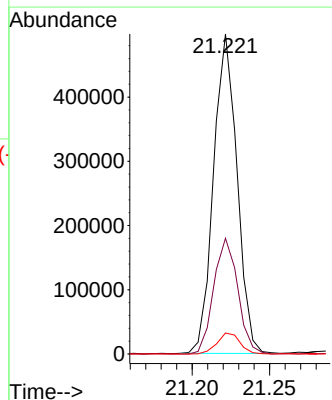
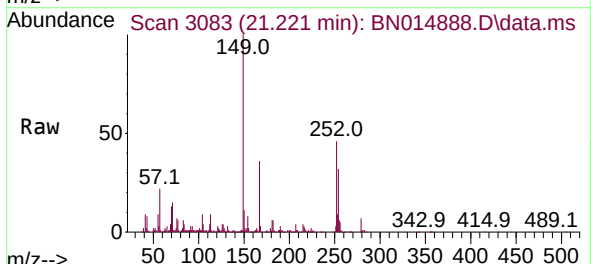
Instrument :
BNA_N
ClientSampleId :

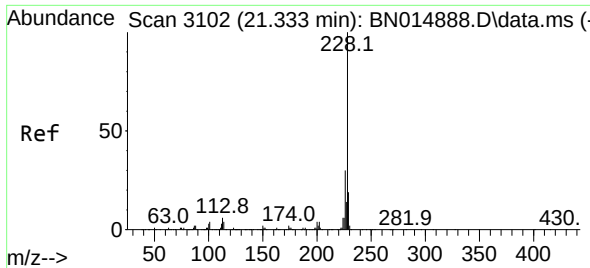
Tgt Ion:228 Resp: 998657
Ion Ratio Lower Upper
228 100
229 19.3 16.2 24.4
226 27.1 21.6 32.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 23.568 ng/ul
RT: 21.221 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:149 Resp: 523810
Ion Ratio Lower Upper
149 100
167 36.2 30.7 46.1
279 6.5 5.1 7.7

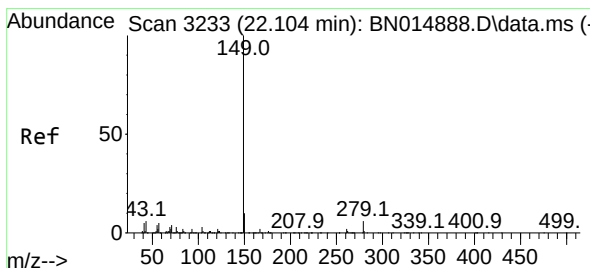
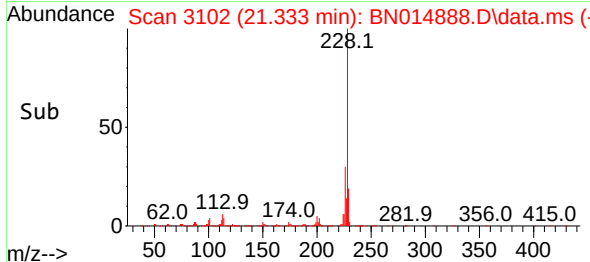
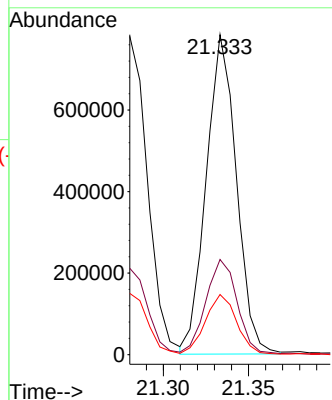
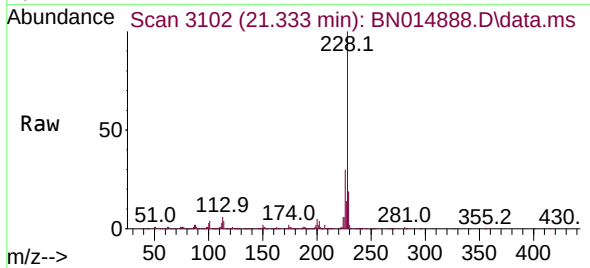




#87
Chrysene
Concen: 19.164 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

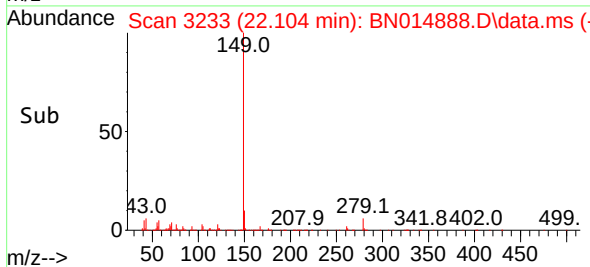
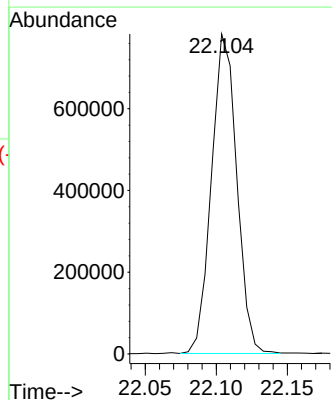
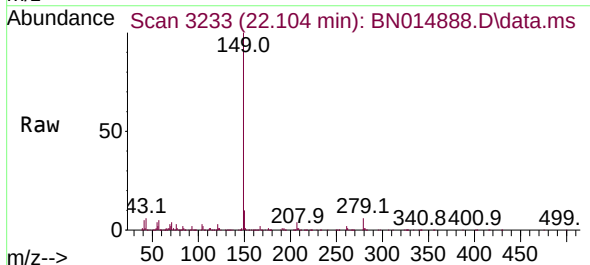
Instrument :
BNA_N
ClientSampleId :

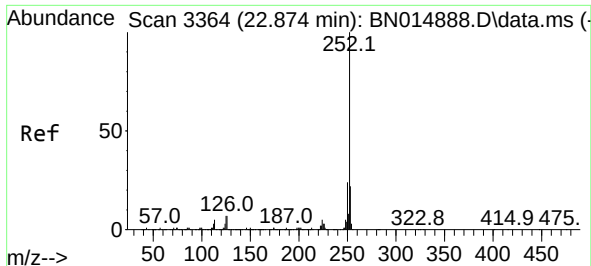
Tgt Ion:228 Resp: 965497
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 18.8 14.8 22.2



#89
Di-n-octyl phthalate
Concen: 23.430 ng/ul
RT: 22.104 min Scan# 3233
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:149 Resp: 968100

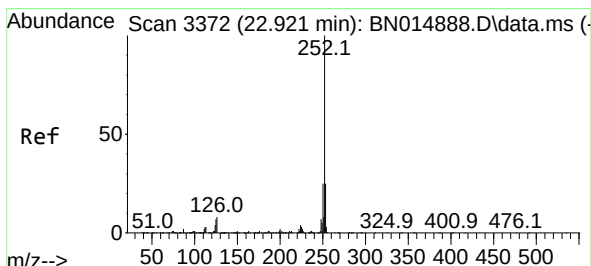
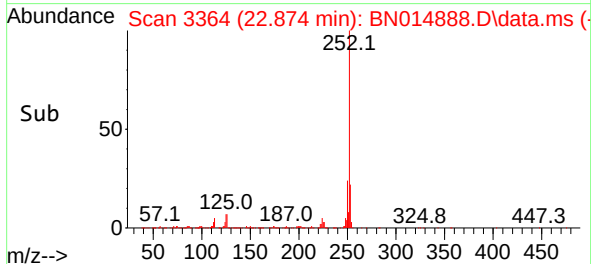
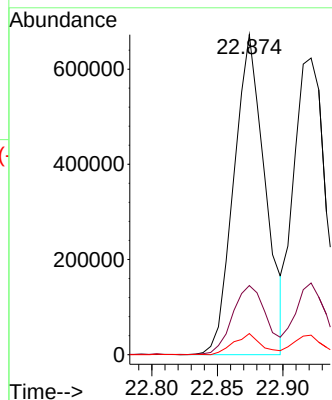
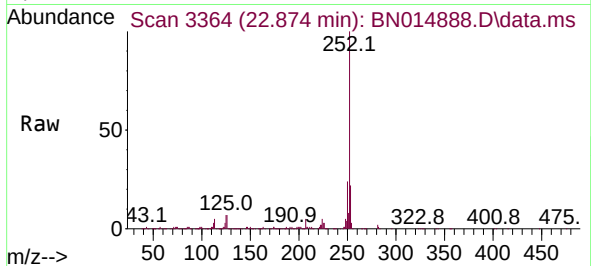




#90
Benzo(b)fluoranthene
Concen: 19.890 ng/ul
RT: 22.874 min Scan# 3364
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

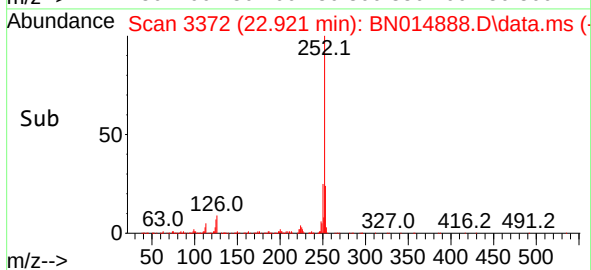
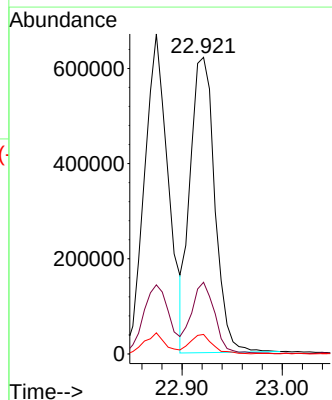
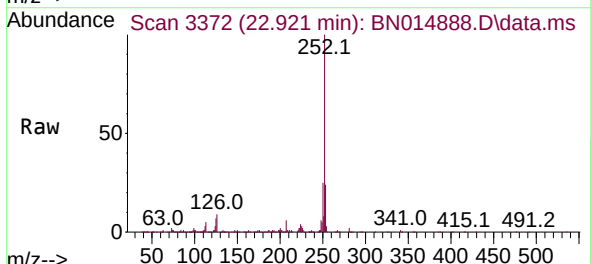
Instrument :
BNA_N
ClientSampleId :

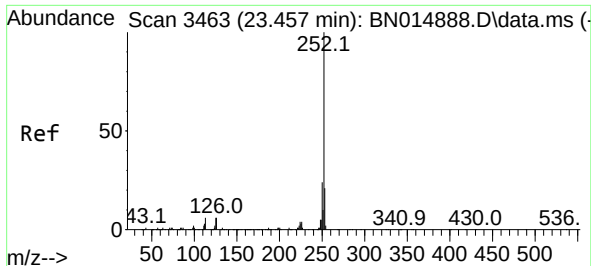
Tgt Ion:252 Resp: 1114802
Ion Ratio Lower Upper
252 100
253 21.6 15.8 23.8
125 6.6 4.3 6.5#



#91
Benzo(k)fluoranthene
Concen: 18.962 ng/ul
RT: 22.921 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:252 Resp: 1058874
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.4
125 6.6 4.8 7.2

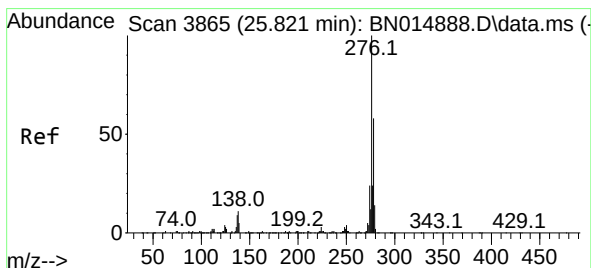
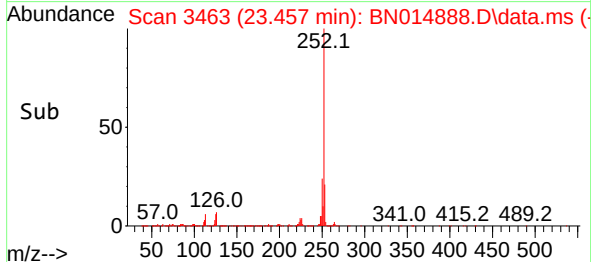
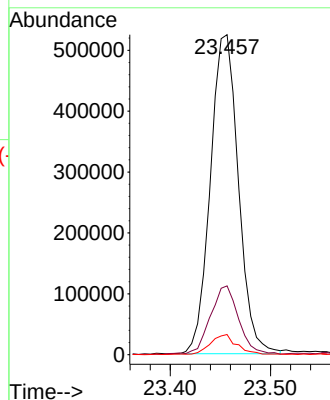
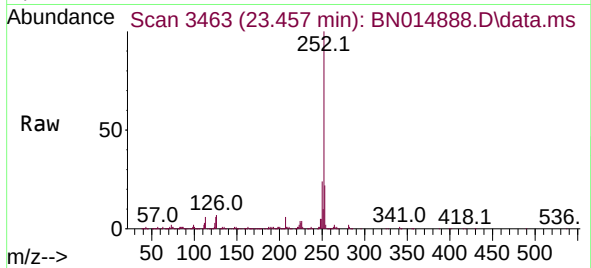




#93
Benzo(a)pyrene
Concen: 20.057 ng/ul
RT: 23.457 min Scan# 3463
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

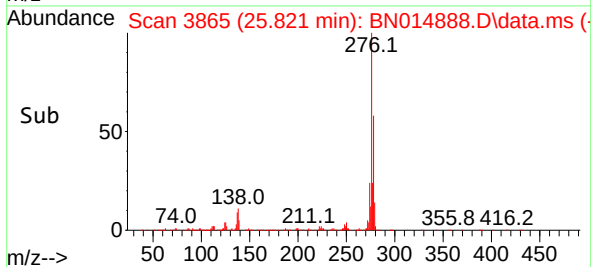
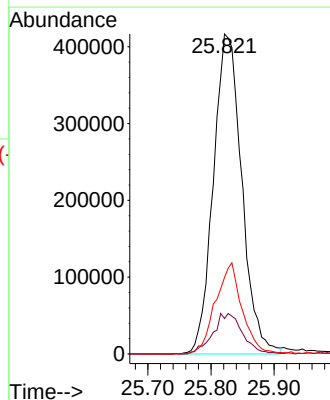
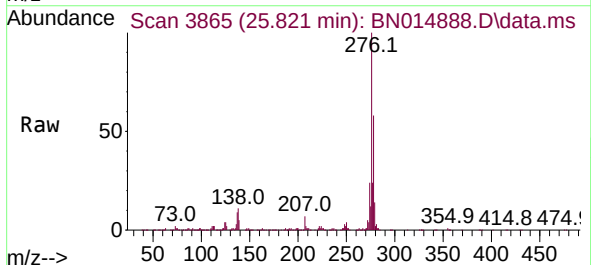
Instrument :
BNA_N
ClientSampleId :

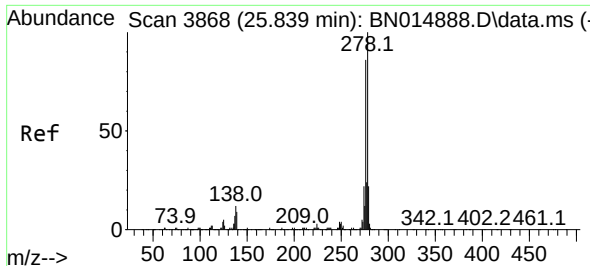
Tgt Ion:252 Resp: 1017356
Ion Ratio Lower Upper
252 100
253 21.5 18.8 28.2
125 6.3 5.4 8.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 18.745 ng/ul
RT: 25.821 min Scan# 3865
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:276 Resp: 1302764
Ion Ratio Lower Upper
276 100
138 11.1 10.0 15.0
277 23.9 19.5 29.3

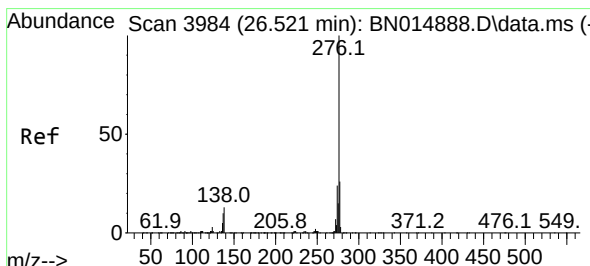
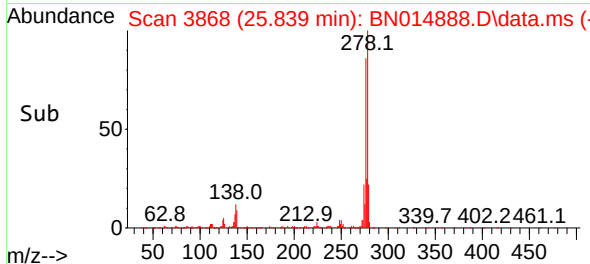
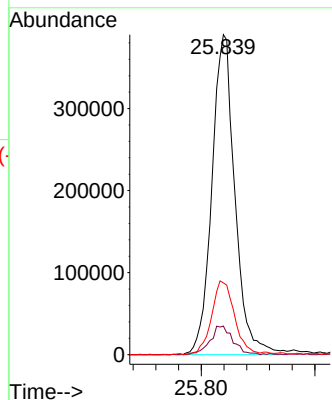
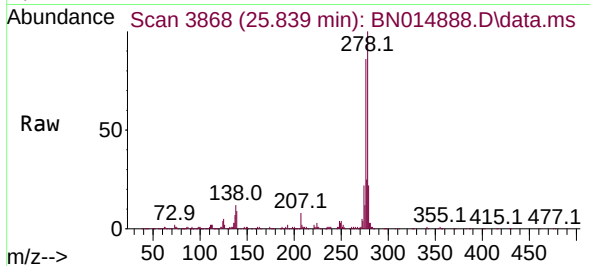




#95
Dibenzo(a,h)anthracene
Concen: 19.051 ng/ul
RT: 25.839 min Scan# 3868
Delta R.T. 0.000 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 1095706
Ion Ratio Lower Upper
278 100
139 9.0 7.6 11.4
279 22.5 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 26.651 min Scan# 4006
Delta R.T. 0.129 min
Lab File: BN014888.D
Acq: 12 Jun 2021 11:13

Tgt Ion:276 Resp: 1399
Ion Ratio Lower Upper
276 100
138 11.2 10.2 15.4
277 22.9 15.7 23.5

