

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
 Data File : BN014889.D
 Acq On : 12 Jun 2021 11:49
 Operator : CG/JU
 Sample : SSTD04054
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 14 01:51:02 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	102504	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	417577	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.346	164	301888	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	711661	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.298	240	847766	20.000	ng/u1	0.00
88) Perylene-d12	23.557	264	973101	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	33575	13.339	ng/uL	0.00
4) Pyridine-d5	3.605	84	194779	30.726	ng/u1	0.00
7) Phenol-d5	6.864	99	326646	32.544	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	154152	30.886	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	263760	42.432	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	281271	36.044	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	134619	42.797	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	150942	44.643	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	308537	40.023	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	340578	37.474	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	973702	40.597	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	1090470	39.318	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	143873	37.760	ng/u1	0.00
60) Fluorene-d10	15.340	176	798079	38.619	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	169948	43.661	ng/u1	0.00
73) Anthracene-d10	17.198	188	1283678	38.613	ng/u1	0.00
81) Pyrene-d10	19.498	212	1558043	38.977	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.416	264	2021973	39.009	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	34105	11.541	ng/uL	95
5) Pyridine	3.623	79	199965	30.102	ng/u1#	85
6) Benzaldehyde	6.834	77	208155	38.513	ng/u1	96
8) Phenol	6.893	94	324560	31.426	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.122	93	244870	30.720	ng/u1	95
12) 2-Chlorophenol	7.258	128	271094	41.667	ng/u1	91
13) 2-Methylphenol	8.134	108	267480	35.267	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.222	45	156937	31.210	ng/u1	90
16) Acetophenone	8.505	105	447584	34.649	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.499	70	220346	35.413	ng/u1#	92
18) 4-Methylphenol	8.464	108	284945	34.447	ng/u1	94
19) Hexachloroethane	8.758	117	135289	41.533	ng/u1	90
22) Nitrobenzene	8.887	77	343458	34.986	ng/u1#	90
23) Isophorone	9.405	82	635654	34.099	ng/u1#	91
25) 2-Nitrophenol	9.593	139	157760	43.907	ng/u1	92
26) 2,4-Dimethylphenol	9.658	107	397784	35.964	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.893	93	339581	29.981	ng/u1#	97
29) 2,4-Dichlorophenol	10.128	162	296767	40.139	ng/u1	94
30) Naphthalene	10.528	128	852206	37.548	ng/u1	99
32) 4-Chloroaniline	10.634	127	355205	36.724	ng/u1	92
33) Hexachlorobutadiene	10.816	225	266973	40.384	ng/u1	96
34) Caprolactam	11.393	113	43231	18.098	ng/u1#	66
35) 4-Chloro-3-methylphenol	11.775	107	384219	35.861	ng/u1#	95
36) 2-Methylnaphthalene	12.146	142	626271	37.018	ng/u1	96

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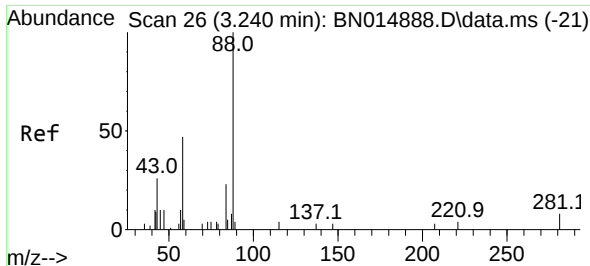
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	623117	37.462	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.522	216	426463	37.362	ng/ul	97
40) Hexachlorocyclopentadiene	12.504	237	313967	41.521	ng/ul	94
41) 2,4,6-Trichlorophenol	12.769	196	264711	41.299	ng/ul	96
42) 2,4,5-Trichlorophenol	12.840	196	287153	41.050	ng/ul	93
43) 1,1'-Biphenyl	13.169	154	835631	38.694	ng/ul#	94
44) 2-Chloronaphthalene	13.210	162	667176	38.555	ng/ul	97
45) 2-Nitroaniline	13.416	65	212079	40.238	ng/ul	91
47) Dimethylphthalate	13.804	163	928699	39.148	ng/ul	96
48) 2,6-Dinitrotoluene	13.922	165	189556	42.999	ng/ul	97
50) Acenaphthylene	14.063	152	972387	38.133	ng/ul	98
51) 3-Nitroaniline	14.251	138	160009	37.407	ng/ul	81
52) Acenaphthene	14.410	153	713814	38.634	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	100061	31.263	ng/ul	93
55) 4-Nitrophenol	14.575	109	236902	32.433	ng/ul	86
56) Dibenzofuran	14.746	168	1042661	37.935	ng/ul#	79
57) 2,4-Dinitrotoluene	14.710	165	301456	42.910	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	14.975	232	266979	37.103	ng/ul#	85
59) Diethylphthalate	15.181	149	928356	40.707	ng/ul	97
61) Fluorene	15.398	166	810559	39.198	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.393	204	450958	36.862	ng/ul#	83
63) 4-Nitroaniline	15.422	138	163263	37.575	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.481	198	174132	45.728	ng/ul#	85
67) N-Nitrosodiphenylamine	15.610	169	737873	38.494	ng/ul	95
68) 4-Bromophenyl-phenylether	16.293	248	340011	36.690	ng/ul#	79
69) Hexachlorobenzene	16.404	284	426316	36.773	ng/ul#	93
70) Atrazine	16.569	200	340342	42.939	ng/ul	93
71) Pentachlorophenol	16.751	266	234486	35.130	ng/ul#	90
72) Phenanthrene	17.140	178	1399698	37.642	ng/ul	97
74) Anthracene	17.234	178	1433541	38.251	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.134	216	435078	36.998	ng/ul	95
76) Pentachlorobenzene	14.669	250	485603	39.926	ng/ul	97
77) Carbazole	17.504	167	1232568	39.024	ng/ul	95
78) Di-n-butylphthalate	18.075	149	1580014	42.453	ng/ul	98
80) Fluoranthene	19.163	202	1842740	39.094	ng/ul#	92
82) Pyrene	19.528	202	1854210	38.252	ng/ul#	94
83) Butylbenzylphthalate	20.439	149	747112	45.870	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.216	252	682198	42.681	ng/ul	95
85) Benzo(a)anthracene	21.280	228	1967817	37.237	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	1051479	44.788	ng/ul	96
87) Chrysene	21.333	228	1968467	36.989	ng/ul	97
89) Di-n-octyl phthalate	22.104	149	2120533	49.255	ng/ul	100
90) Benzo(b)fluoranthene	22.875	252	2278333	39.013	ng/ul	98
91) Benzo(k)fluoranthene	22.922	252	2304385	39.605	ng/ul	99
93) Benzo(a)pyrene	23.457	252	2077772	39.314	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.833	276	2776939	38.348	ng/ul	99
95) Dibenzo(a,h)anthracene	25.851	278	2222902	37.093	ng/ul	96
96) Benzo(g,h,i)perylene	26.527	276	2419381	37.751	ng/ul	95

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

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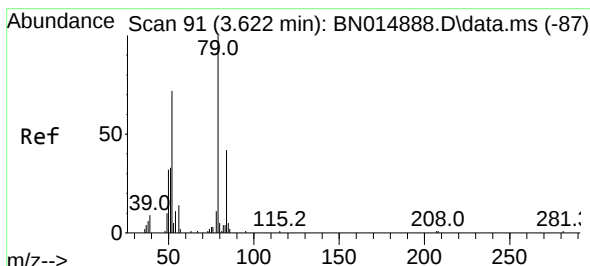
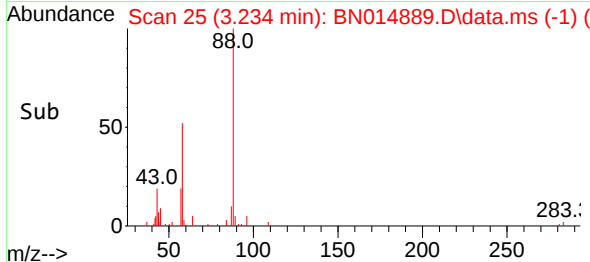
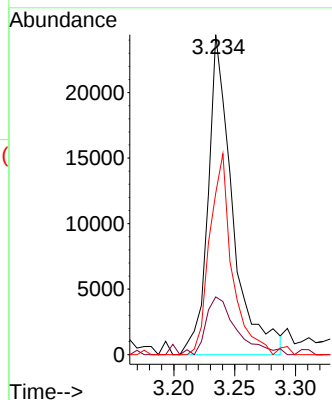
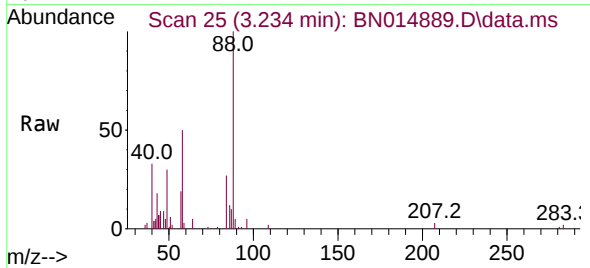




#2
1,4-Dioxane
Concen: 11.541 ng/uL
RT: 3.234 min Scan# 25
Delta R.T. -0.006 min
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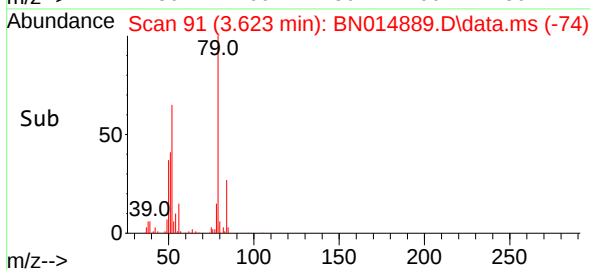
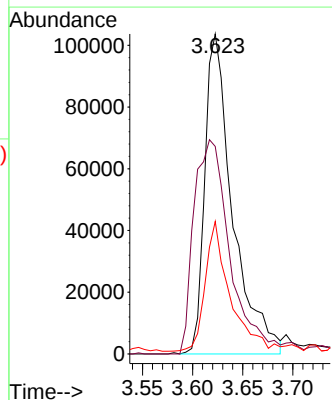
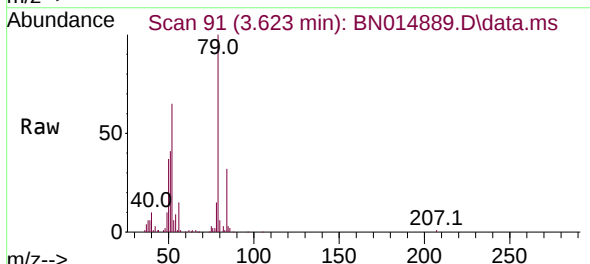
Instrument :
BNA_N
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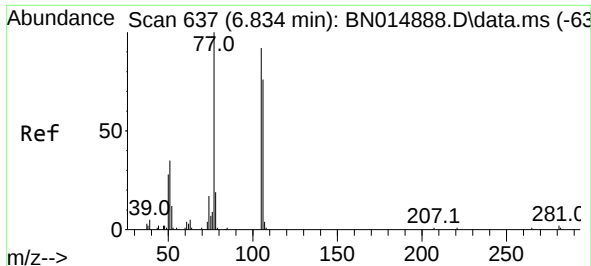
Tgt Ion: 88 Resp: 34105
Ion Ratio Lower Upper
88 100
43 18.0 13.8 20.6
58 50.4 37.1 55.7



#5
Pyridine
Concen: 30.102 ng/uL
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion: 79 Resp: 199965
Ion Ratio Lower Upper
79 100
52 64.8 45.9 68.9
51 41.4 22.2 33.4

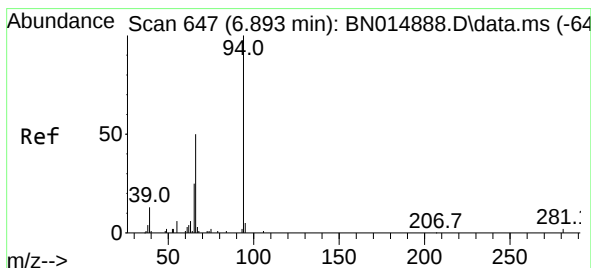
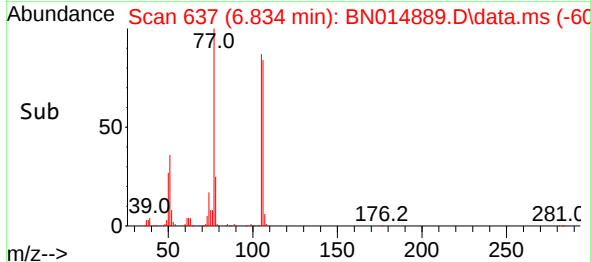
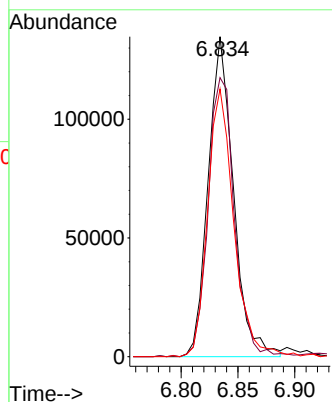
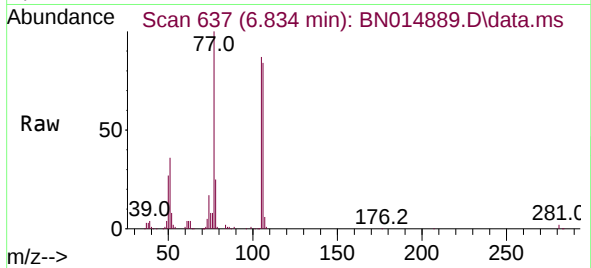




#6
Benzaldehyde
Concen: 38.513 ng/ul
RT: 6.834 min Scan# 637
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

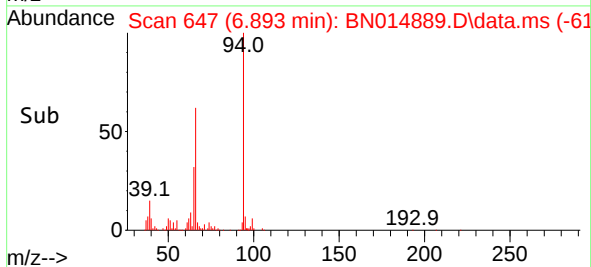
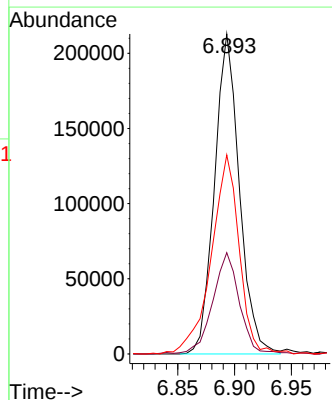
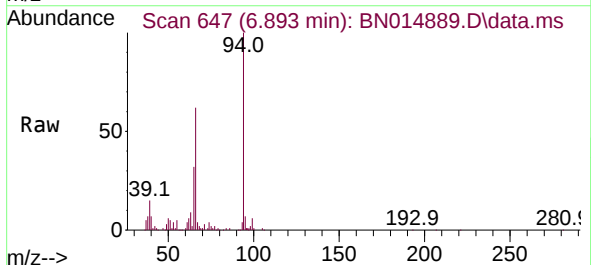
Instrument :
BNA_N
ClientSampled :

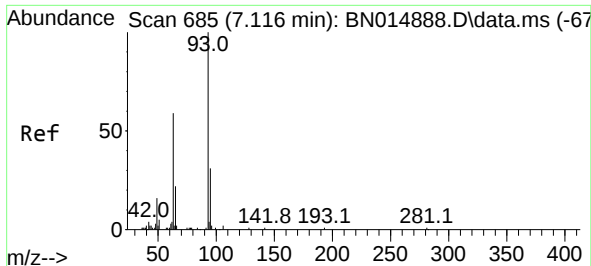
Tgt Ion: 77 Resp: 208155
Ion Ratio Lower Upper
77 100
105 87.2 72.2 108.4
106 83.6 70.2 105.4



#8
Phenol
Concen: 31.426 ng/ul
RT: 6.893 min Scan# 647
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion: 94 Resp: 324560
Ion Ratio Lower Upper
94 100
65 31.6 22.7 34.1
66 62.2 39.2 58.8#



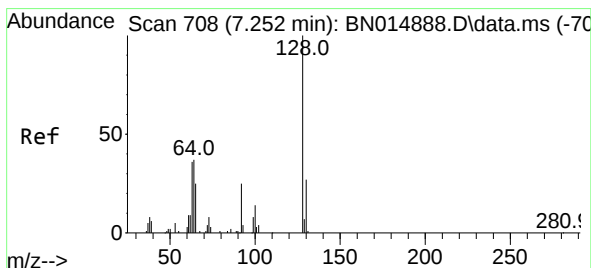
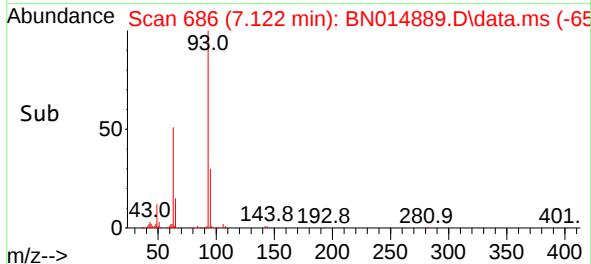
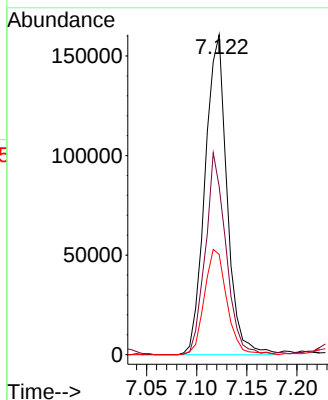
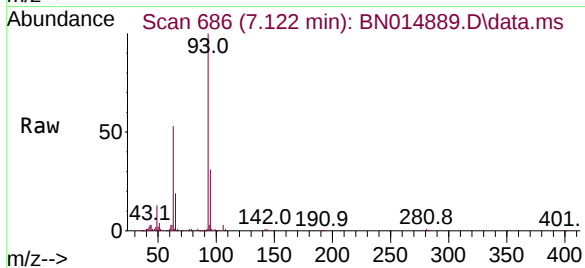


#10

Bis(2-Chloroethyl)ether
 Concen: 30.720 ng/ul
 RT: 7.122 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: BN014889.D
 Acq: 12 Jun 2021 11:49

Instrument :
 BNA_N
 ClientSampleId :

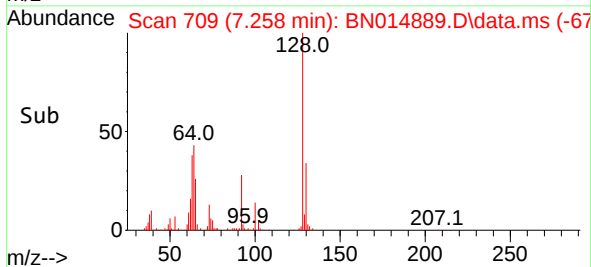
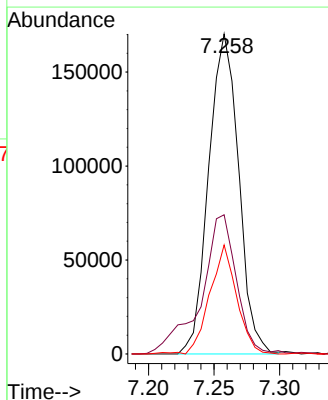
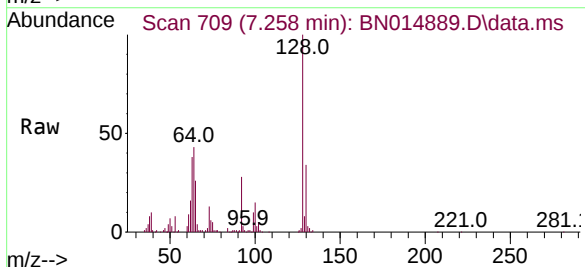
Tgt Ion: 93 Resp: 244870
 Ion Ratio Lower Upper
 93 100
 63 52.5 45.3 67.9
 95 31.3 22.8 34.2

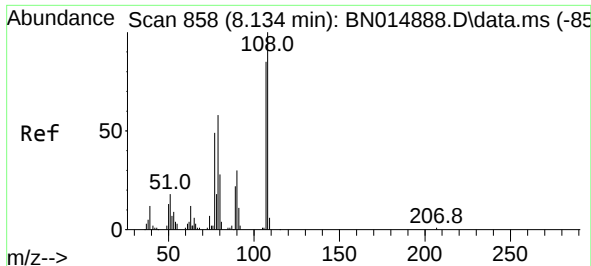


#12

2-Chlorophenol
 Concen: 41.667 ng/ul
 RT: 7.258 min Scan# 709
 Delta R.T. 0.006 min
 Lab File: BN014889.D
 Acq: 12 Jun 2021 11:49

Tgt Ion:128 Resp: 271094
 Ion Ratio Lower Upper
 128 100
 64 43.5 42.3 63.5
 130 34.1 26.1 39.1

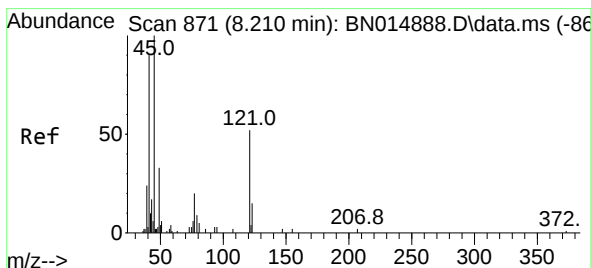
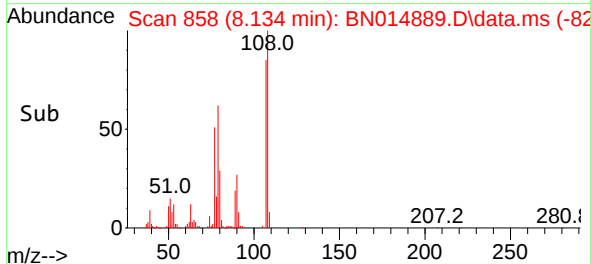
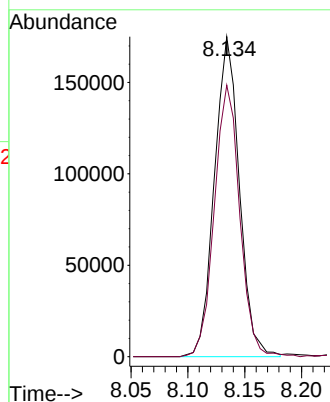
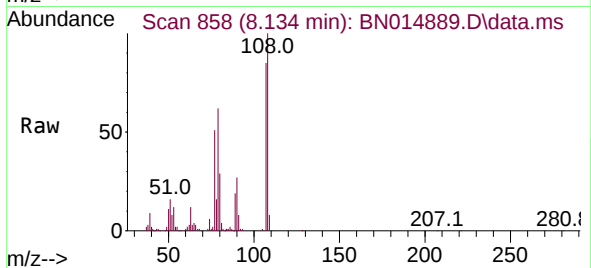




#13
2-Methylphenol
Concen: 35.267 ng/ul
RT: 8.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

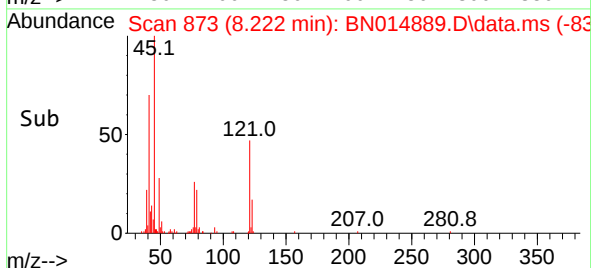
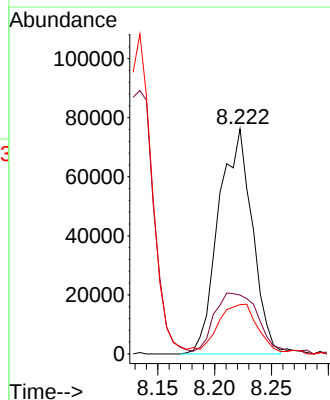
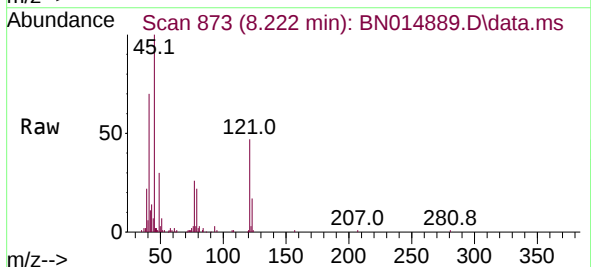
Instrument :
BNA_N
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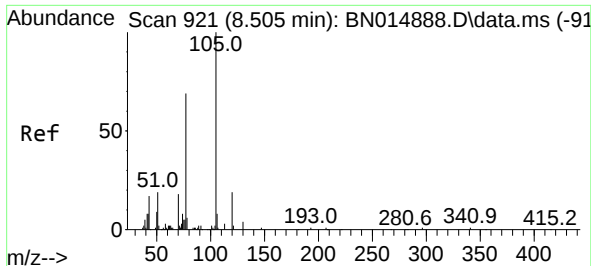
Tgt Ion:108 Resp: 267480
Ion Ratio Lower Upper
108 100
107 84.9 74.1 111.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.210 ng/ul
RT: 8.222 min Scan# 873
Delta R.T. 0.012 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion: 45 Resp: 156937
Ion Ratio Lower Upper
45 100
77 26.1 25.8 38.8
79 21.9 21.4 32.2

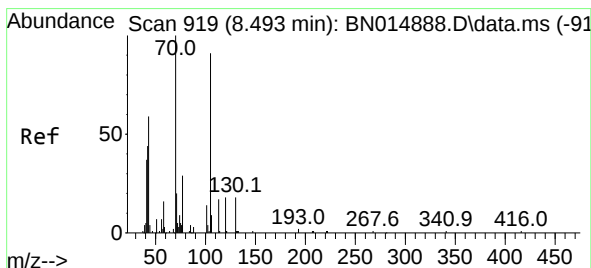
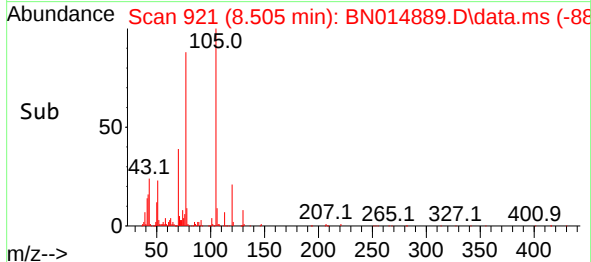
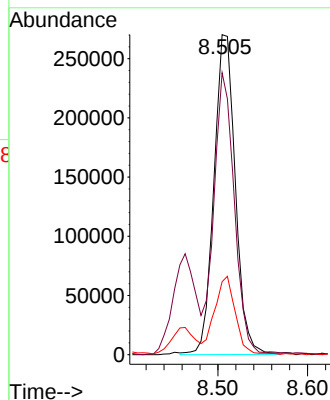
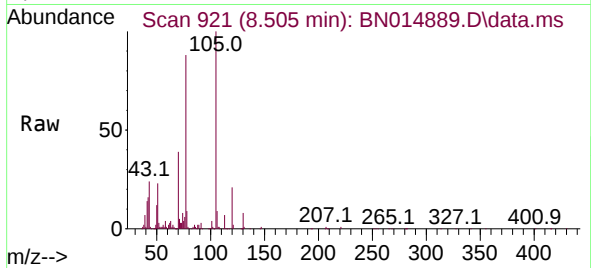




#16
Acetophenone
Concen: 34.649 ng/ul
RT: 8.505 min Scan# 921
Delta R.T. 0.000 min
Lab File: BN014889.D
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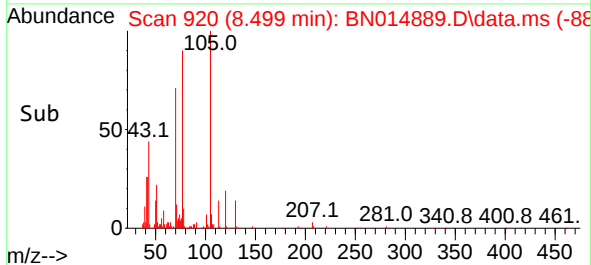
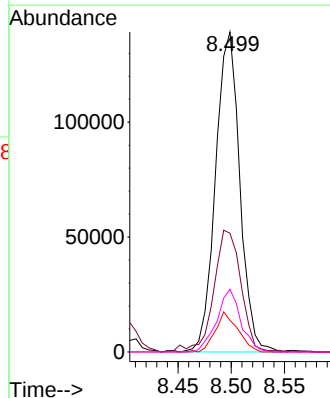
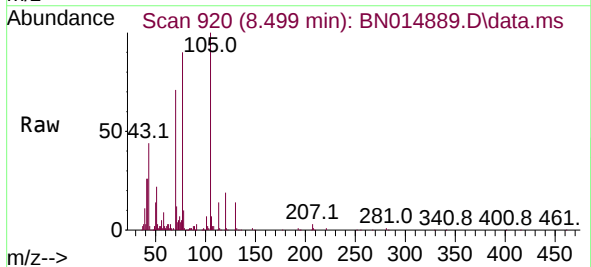
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ClientSampleId :

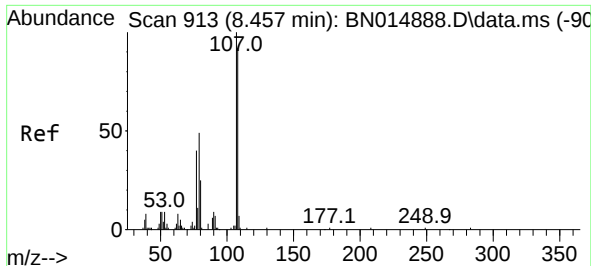
Tgt Ion:105 Resp: 447584
Ion Ratio Lower Upper
105 100
77 88.1 70.8 106.2
51 22.8 15.6 23.4



#17
N-Nitroso-di-n-propylamine
Concen: 35.413 ng/ul
RT: 8.499 min Scan# 920
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion: 70 Resp: 220346
Ion Ratio Lower Upper
70 100
42 37.1 27.1 40.7
101 9.9 10.9 16.3#
130 19.6 11.8 17.8#

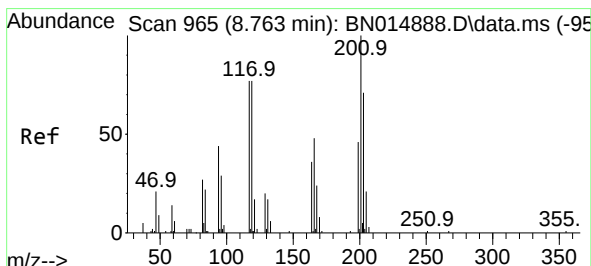
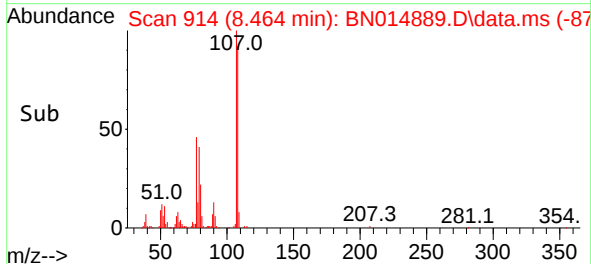
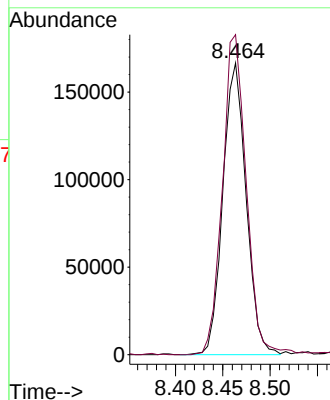
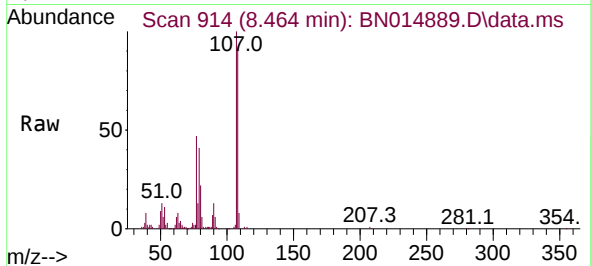




#18
4-Methylphenol
Concen: 34.447 ng/ul
RT: 8.464 min Scan# 914
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

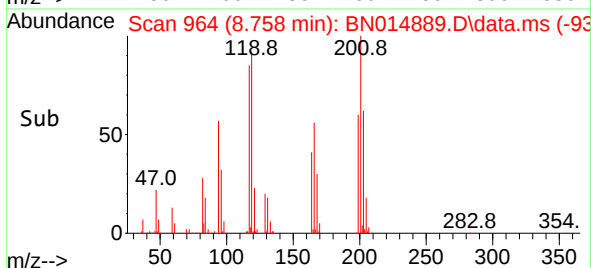
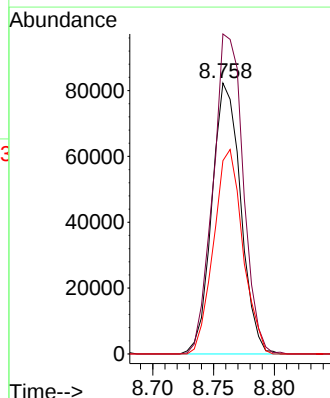
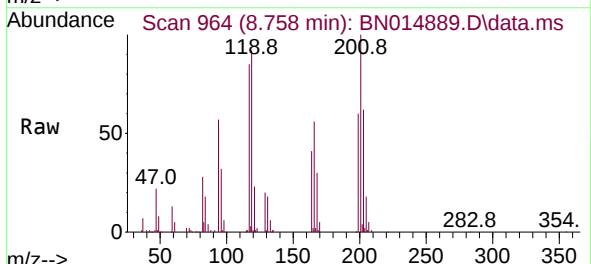
Instrument :
BNA_N
ClientSampled :

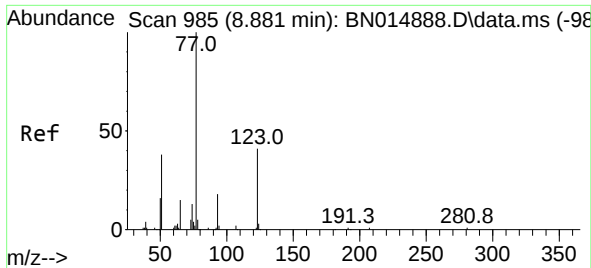
Tgt Ion:108 Resp: 284945
Ion Ratio Lower Upper
108 100
107 109.7 93.4 140.0



#19
Hexachloroethane
Concen: 41.533 ng/ul
RT: 8.758 min Scan# 964
Delta R.T. -0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:117 Resp: 135289
Ion Ratio Lower Upper
117 100
201 118.1 91.0 136.4
199 71.4 70.1 105.1

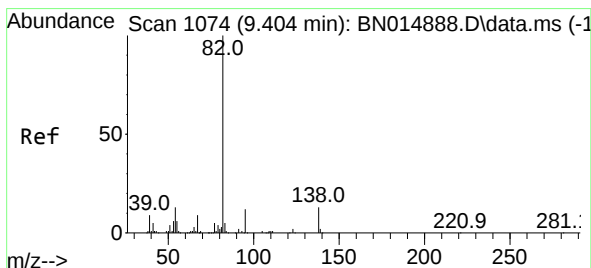
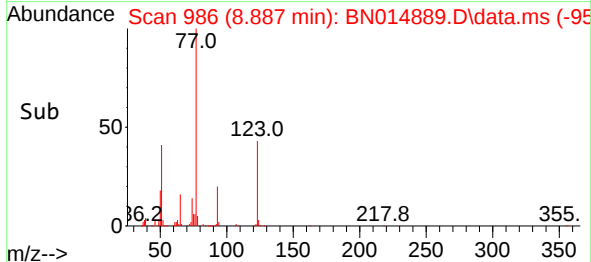
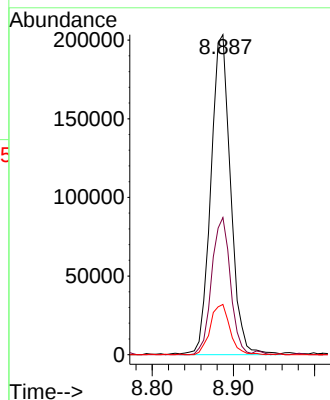
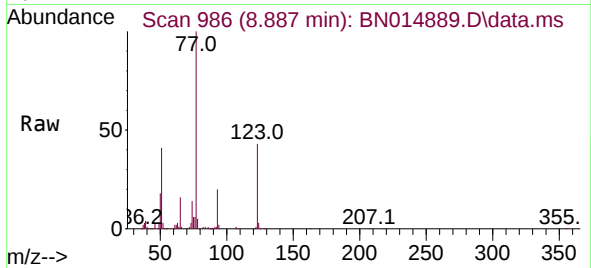




#22
Nitrobenzene
Concen: 34.986 ng/ul
RT: 8.887 min Scan# 986
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

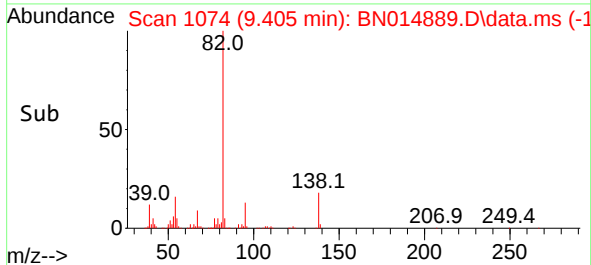
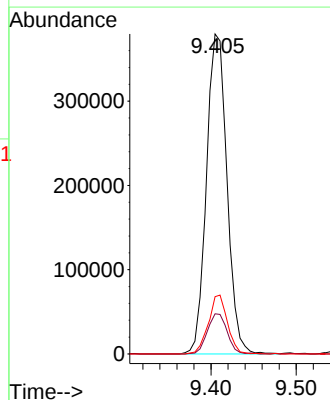
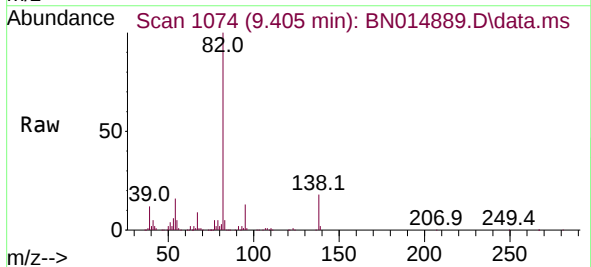
Instrument :
BNA_N
ClientSampled :

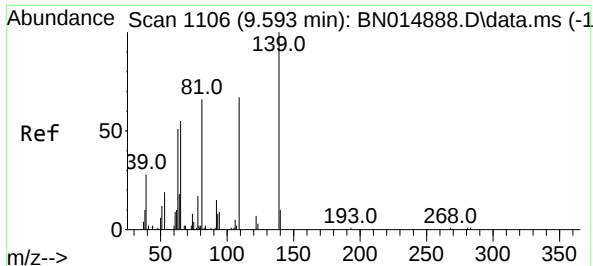
Tgt Ion: 77 Resp: 343458
Ion Ratio Lower Upper
77 100
123 42.8 29.4 44.2
65 15.7 9.7 14.5#



#23
Isophorone
Concen: 34.099 ng/ul
RT: 9.405 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion: 82 Resp: 635654
Ion Ratio Lower Upper
82 100
95 12.5 7.7 11.5#
138 17.9 11.0 16.4#

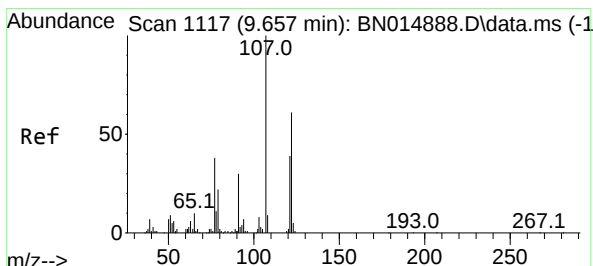
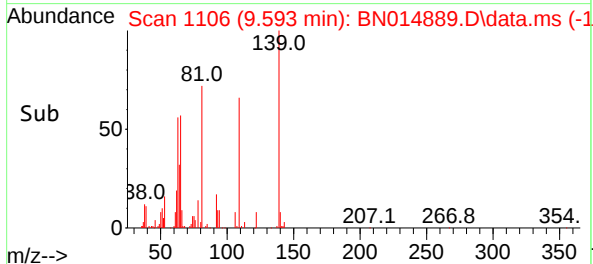
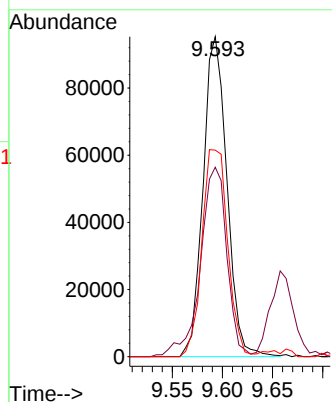
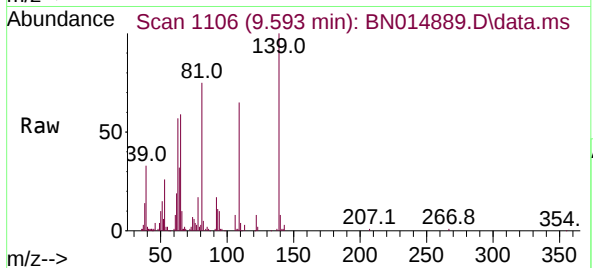




#25
2-Nitrophenol
Concen: 43.907 ng/ul
RT: 9.593 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

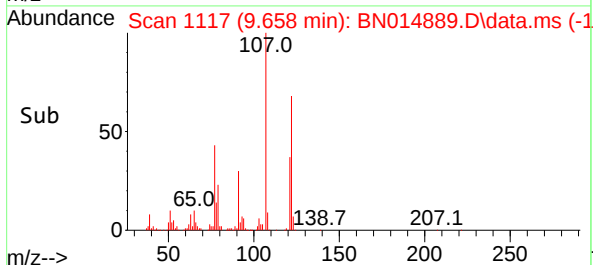
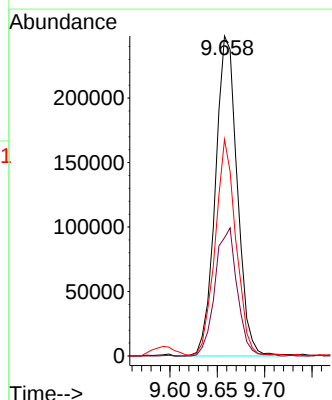
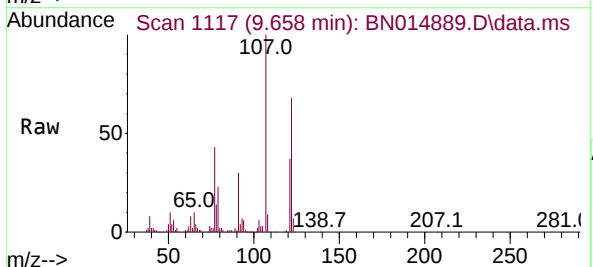
Instrument :
BNA_N
ClientSampled :

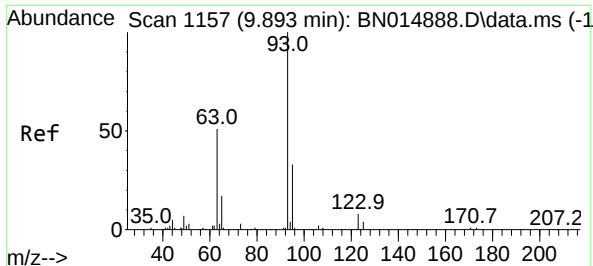
Tgt Ion:139 Resp: 157760
Ion Ratio Lower Upper
139 100
65 59.2 55.1 82.7
109 64.5 49.9 74.9



#26
2,4-Dimethylphenol
Concen: 35.964 ng/ul
RT: 9.658 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:107 Resp: 397784
Ion Ratio Lower Upper
107 100
121 36.9 31.8 47.6
122 67.7 57.5 86.3



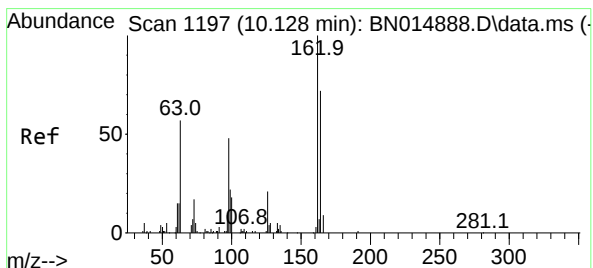
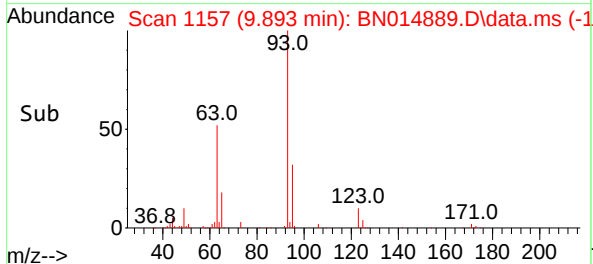
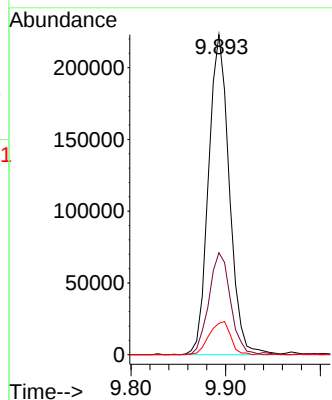
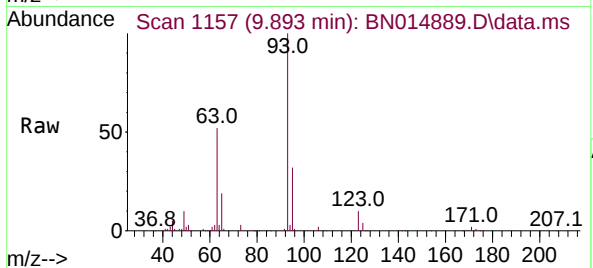


#27

Bis(2-Chloroethoxy)methane
Concen: 29.981 ng/ul
RT: 9.893 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Instrument :
BNA_N
ClientSampled :

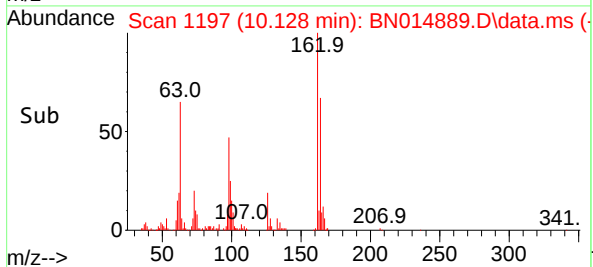
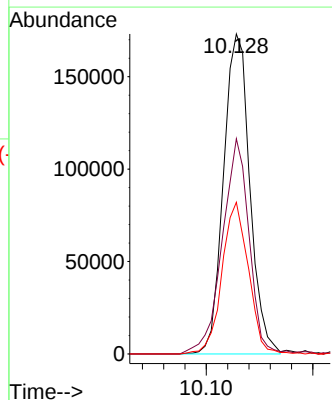
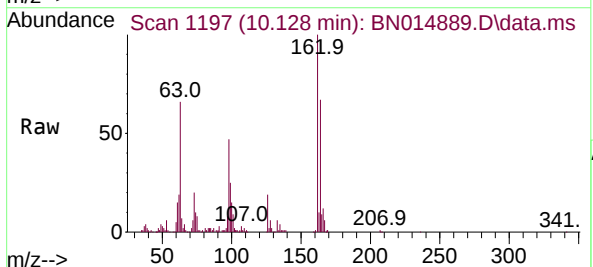
Tgt Ion: 93 Resp: 339581
Ion Ratio Lower Upper
93 100
95 31.8 26.4 39.6
123 9.8 6.4 9.6#

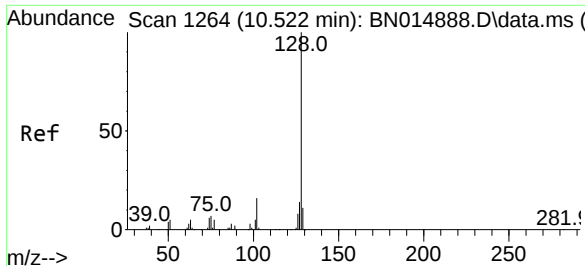


#29

2,4-Dichlorophenol
Concen: 40.139 ng/ul
RT: 10.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:162 Resp: 296767
Ion Ratio Lower Upper
162 100
164 67.3 48.8 73.2
98 47.4 40.3 60.5

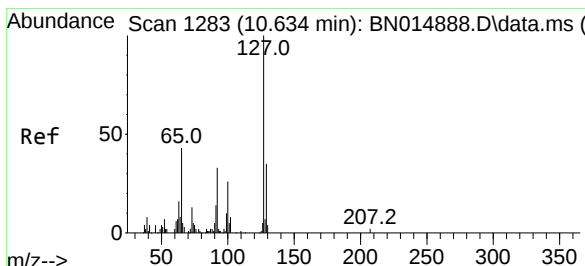
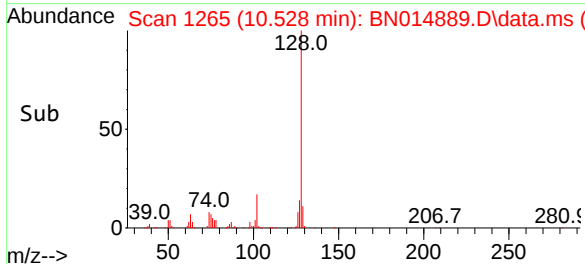
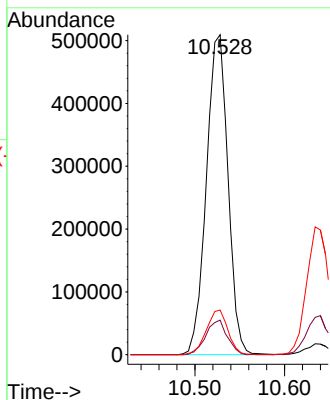
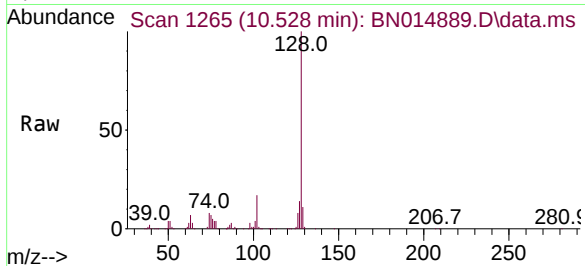




#30
Naphthalene
Concen: 37.548 ng/ul
RT: 10.528 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

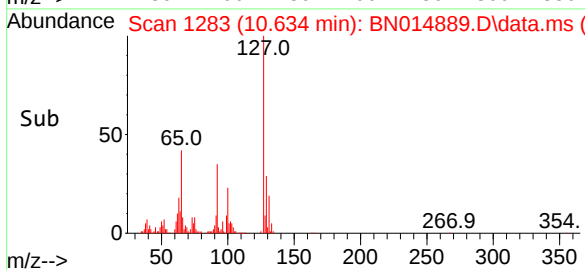
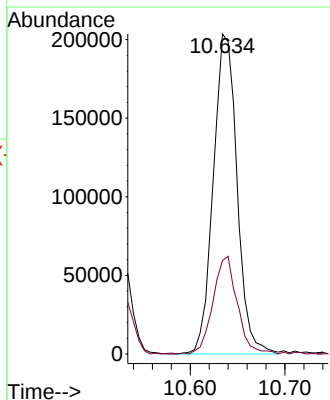
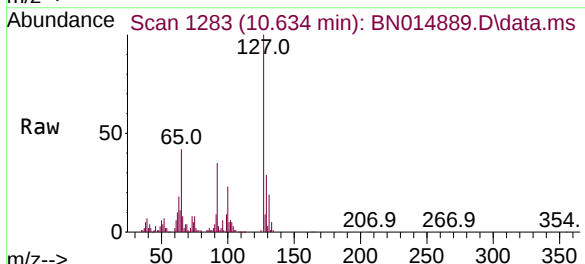
Instrument :
BNA_N
ClientSampled :

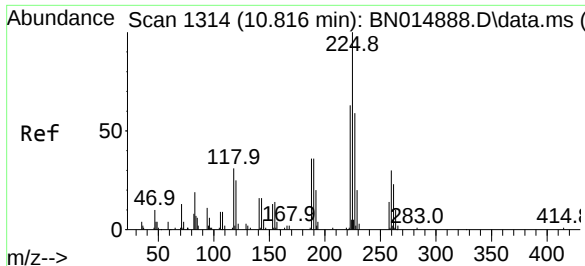
Tgt Ion:128 Resp: 852206
Ion Ratio Lower Upper
128 100
129 10.8 8.1 12.1
127 14.0 11.0 16.4



#32
4-Chloroaniline
Concen: 36.724 ng/ul
RT: 10.634 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:127 Resp: 355205
Ion Ratio Lower Upper
127 100
129 29.2 27.0 40.4

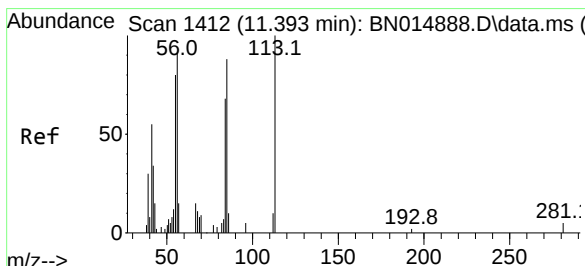
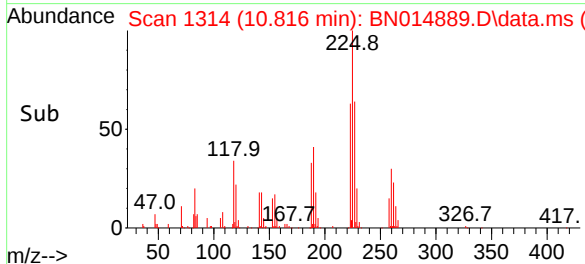
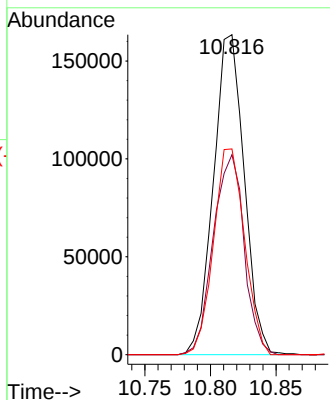
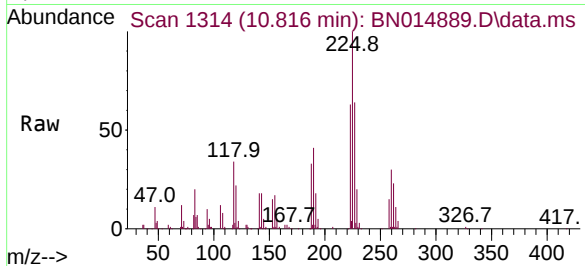




#33
Hexachlorobutadiene
Concen: 40.384 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

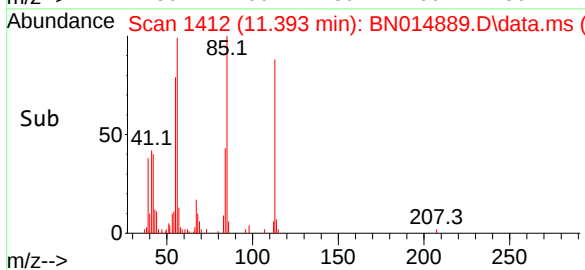
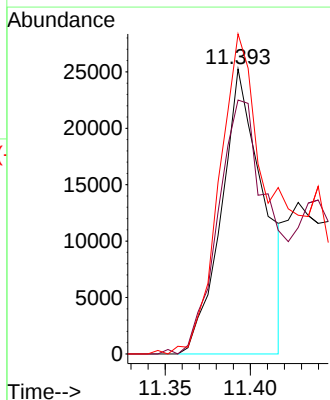
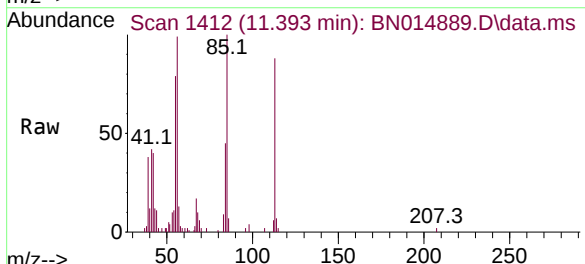
Instrument :
BNA_N
ClientSampled :

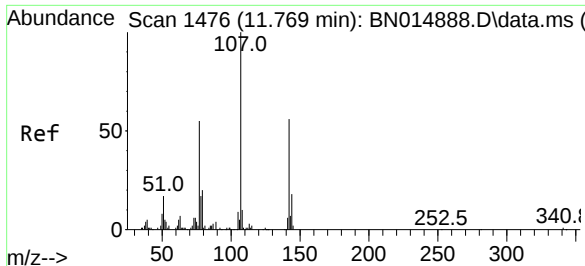
Tgt Ion:225 Resp: 266973
Ion Ratio Lower Upper
225 100
223 62.5 53.3 79.9
227 64.3 53.3 79.9



#34
Caprolactam
Concen: 18.098 ng/ul
RT: 11.393 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:113 Resp: 43231
Ion Ratio Lower Upper
113 100
55 89.1 94.8 142.2#
56 112.3 58.6 87.8#

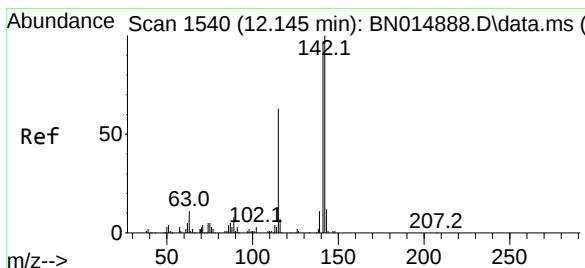
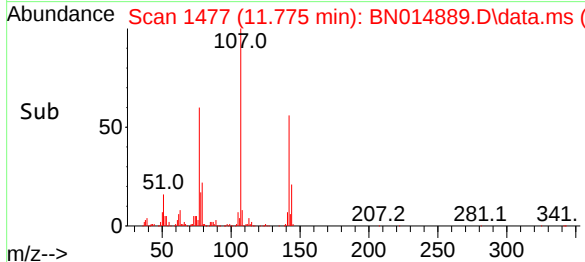
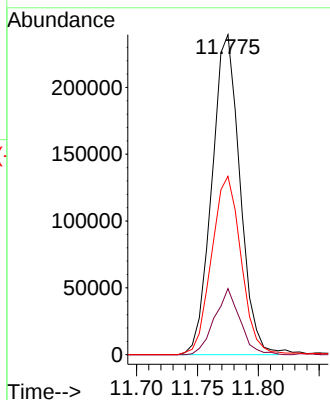
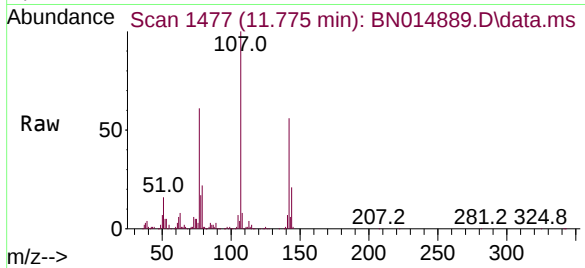




#35
4-Chloro-3-methylphenol
Concen: 35.861 ng/ul
RT: 11.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

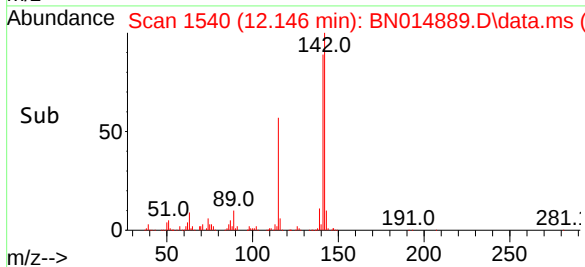
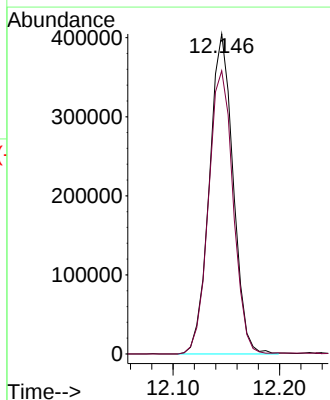
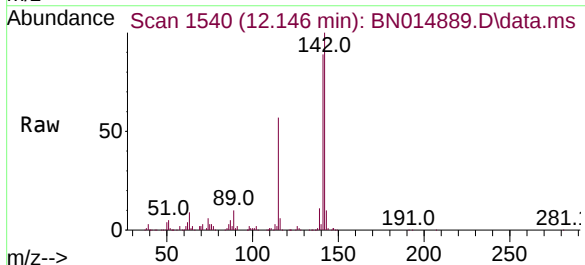
Instrument :
BNA_N
ClientSampleId :

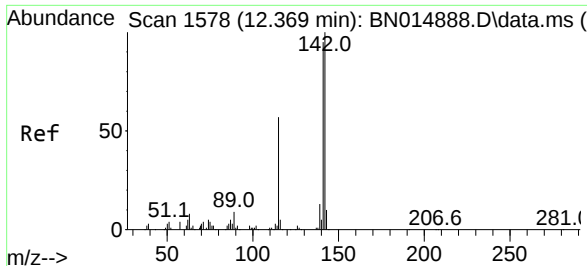
Tgt Ion:107 Resp: 384219
Ion Ratio Lower Upper
107 100
144 20.6 13.4 20.2#
142 55.8 42.6 63.8



#36
2-Methylnaphthalene
Concen: 37.018 ng/ul
RT: 12.146 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:142 Resp: 626271
Ion Ratio Lower Upper
142 100
141 88.5 73.6 110.4

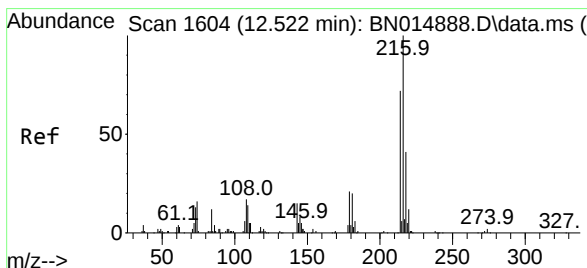
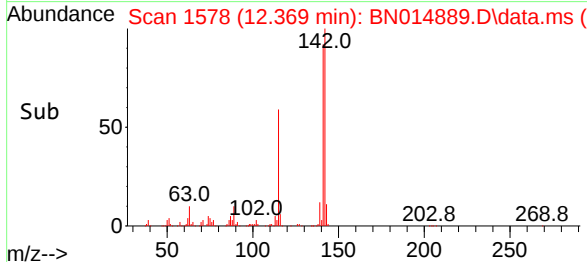
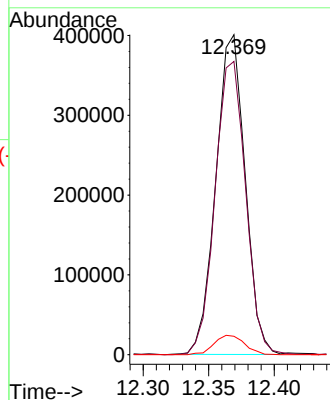
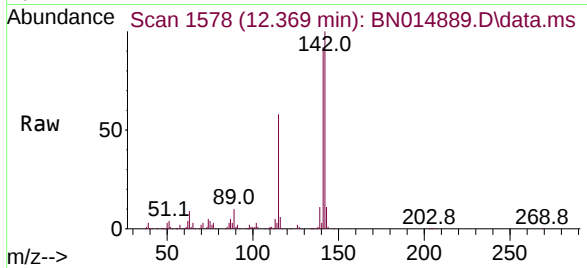




#37
1-Methylnaphthalene
Concen: 37.462 ng/ul
RT: 12.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

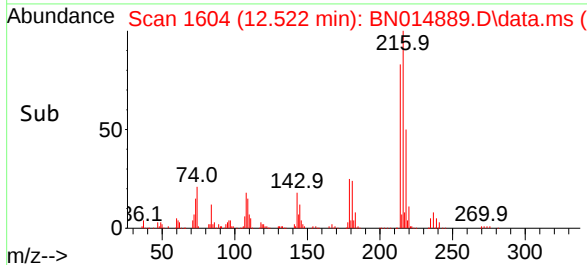
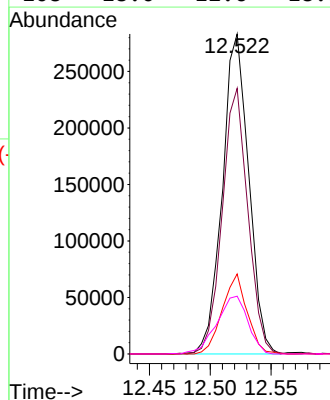
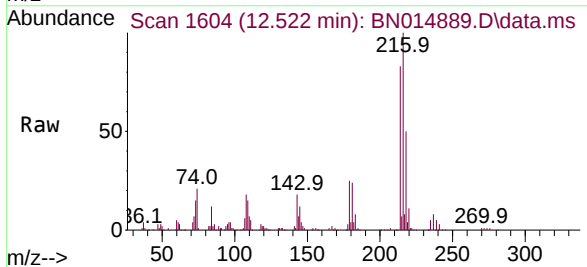
Instrument :
BNA_N
ClientSampleId :

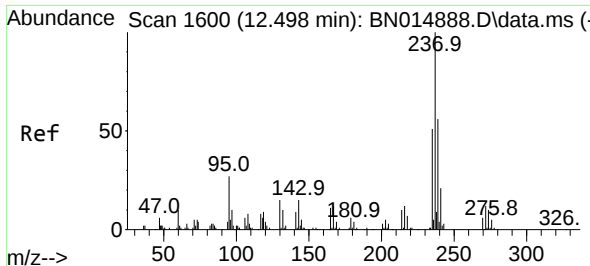
Tgt Ion:142 Resp: 623117
Ion Ratio Lower Upper
142 100
141 91.7 72.0 108.0
116 5.7 3.8 5.6#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.362 ng/ul
RT: 12.522 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:216 Resp: 426463
Ion Ratio Lower Upper
216 100
214 83.0 65.8 98.8
179 25.0 16.7 25.1
108 18.0 12.6 18.8

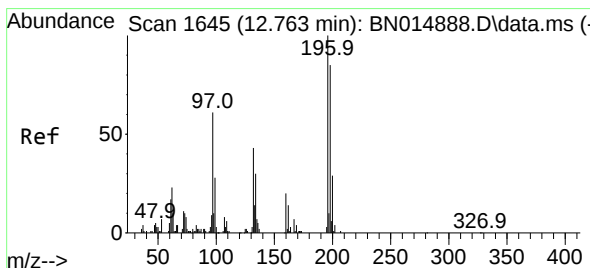
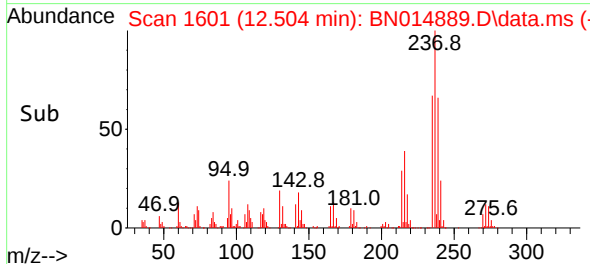
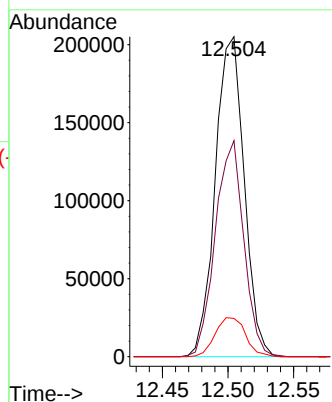
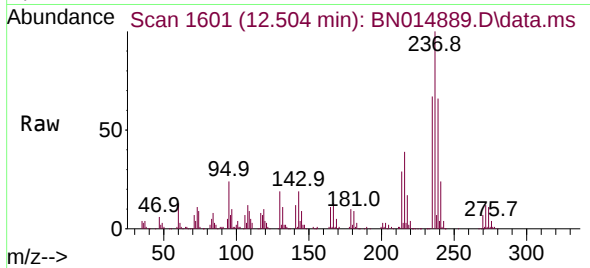




#40
Hexachlorocyclopentadiene
Concen: 41.521 ng/ul
RT: 12.504 min Scan# 1601
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

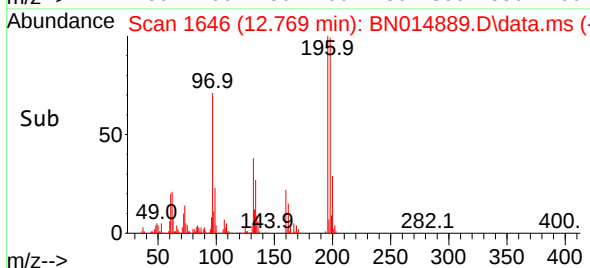
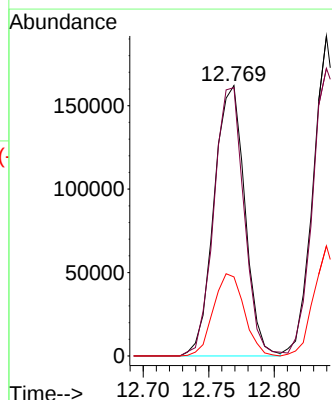
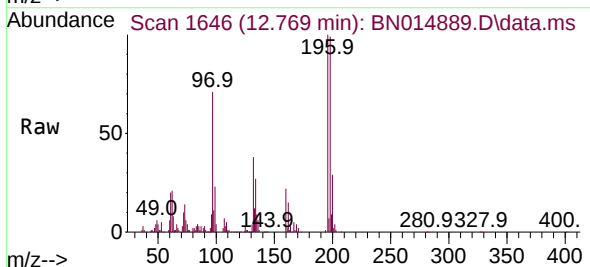
Instrument :
BNA_N
ClientSampled :

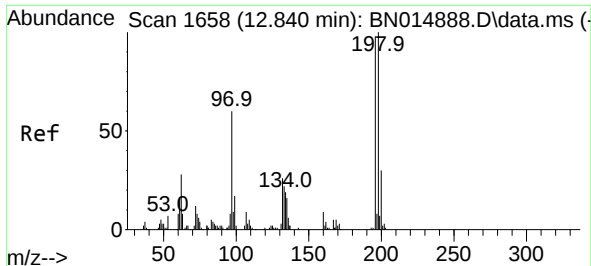
Tgt Ion:237 Resp: 313967
Ion Ratio Lower Upper
237 100
235 67.5 49.8 74.6
272 11.9 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 41.299 ng/ul
RT: 12.769 min Scan# 1646
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:196 Resp: 264711
Ion Ratio Lower Upper
196 100
198 99.2 81.4 122.2
200 29.2 26.7 40.1

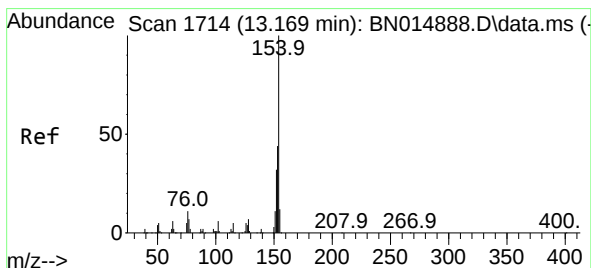
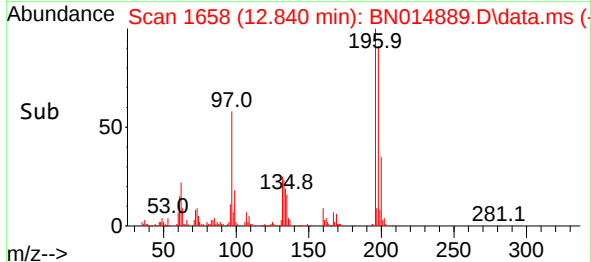
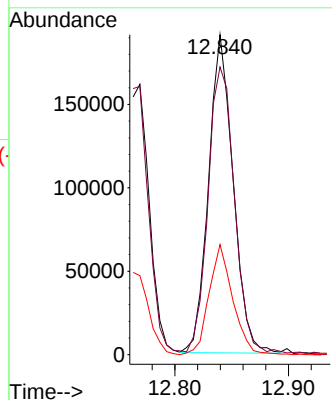
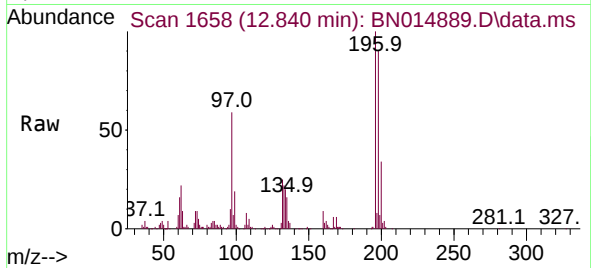




#42
2,4,5-Trichlorophenol
Concen: 41.050 ng/ul
RT: 12.840 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

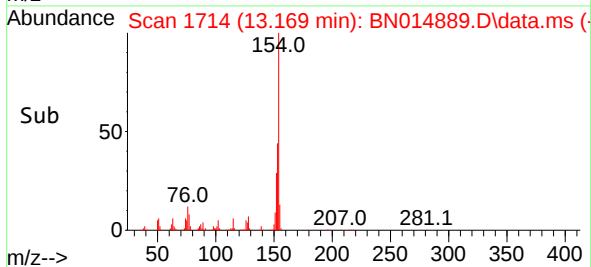
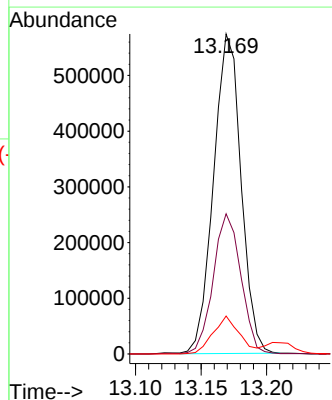
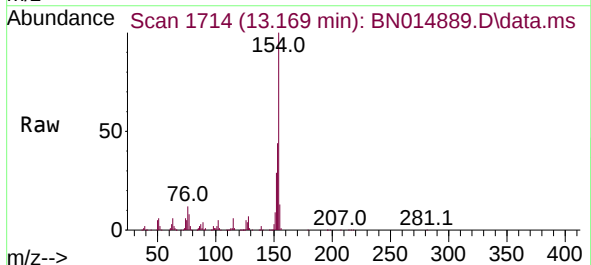
Instrument :
BNA_N
ClientSampleId :

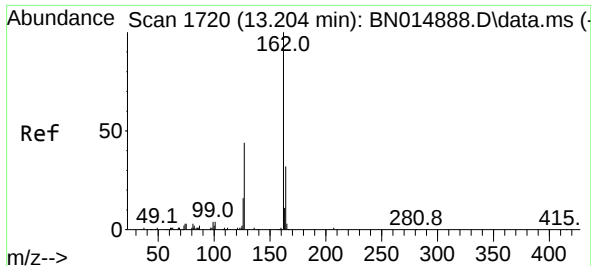
Tgt Ion:196 Resp: 287153
Ion Ratio Lower Upper
196 100
198 89.9 77.8 116.8
200 34.4 24.3 36.5



#43
1,1'-Biphenyl
Concen: 38.694 ng/ul
RT: 13.169 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:154 Resp: 835631
Ion Ratio Lower Upper
154 100
153 43.8 32.2 48.4
76 11.9 12.3 18.5#

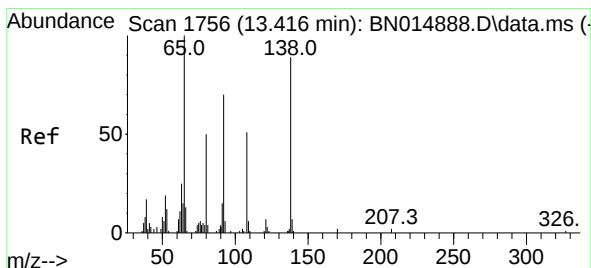
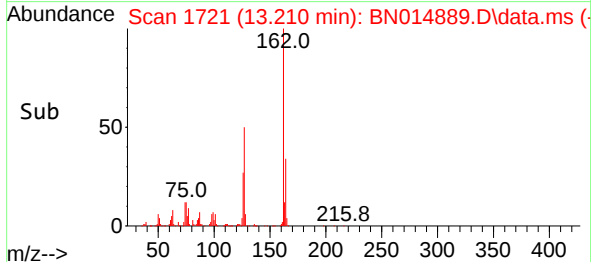
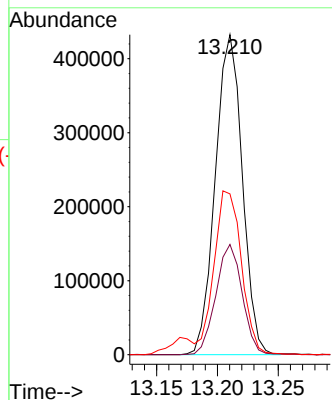
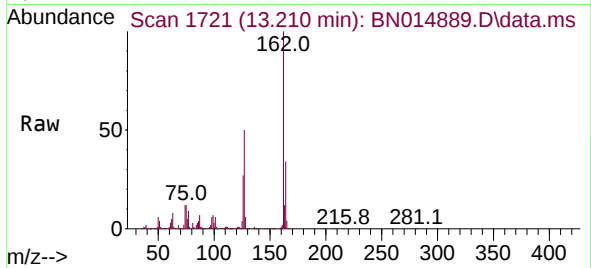




#44
2-Chloronaphthalene
Concen: 38.555 ng/ul
RT: 13.210 min Scan# 1721
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

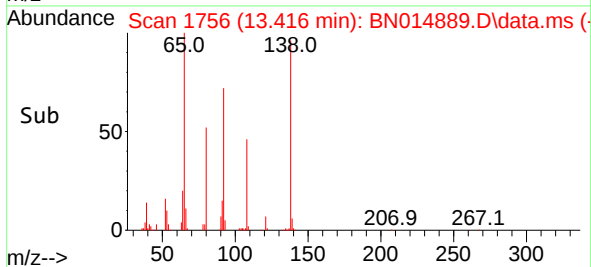
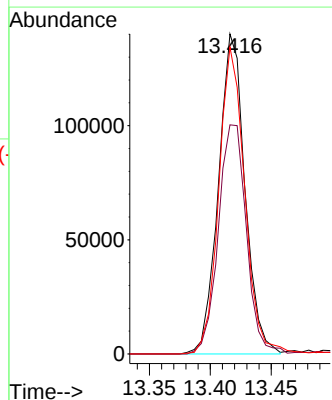
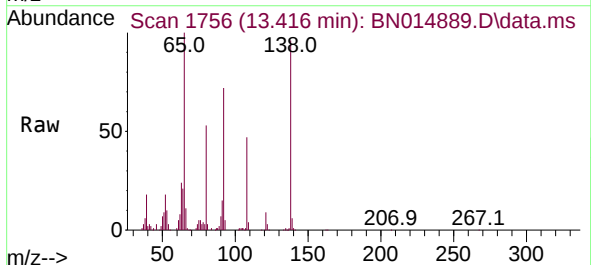
Instrument :
BNA_N
ClientSampled :

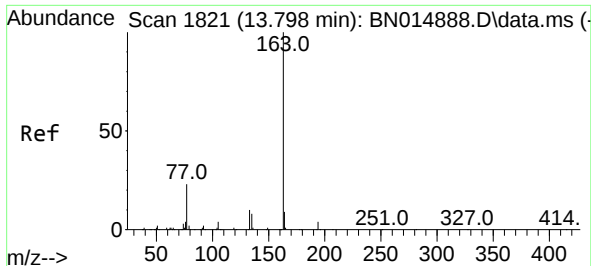
Tgt Ion:162 Resp: 667176
Ion Ratio Lower Upper
162 100
164 34.5 25.9 38.9
127 50.3 39.1 58.7



#45
2-Nitroaniline
Concen: 40.238 ng/ul
RT: 13.416 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion: 65 Resp: 212079
Ion Ratio Lower Upper
65 100
92 71.6 60.5 90.7
138 95.9 67.0 100.6

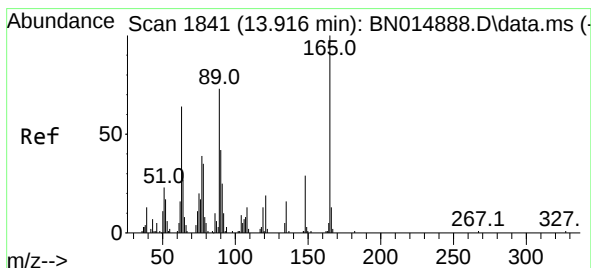
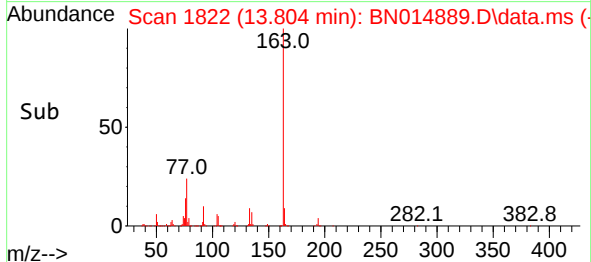
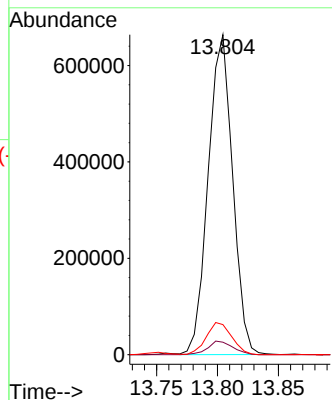
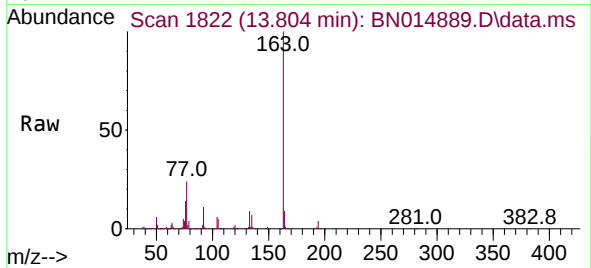




#47
Dimethylphthalate
Concen: 39.148 ng/ul
RT: 13.804 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

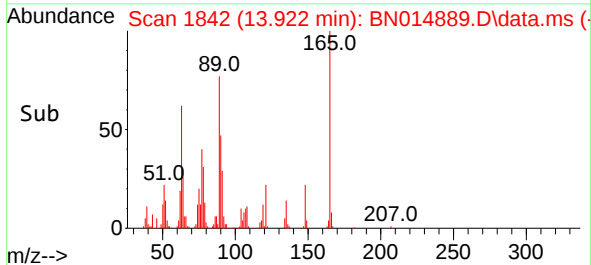
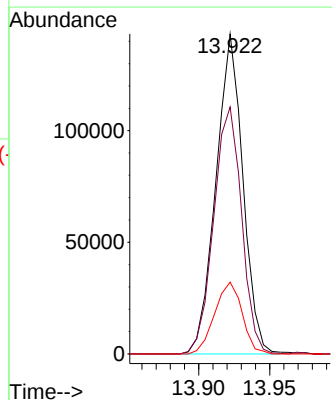
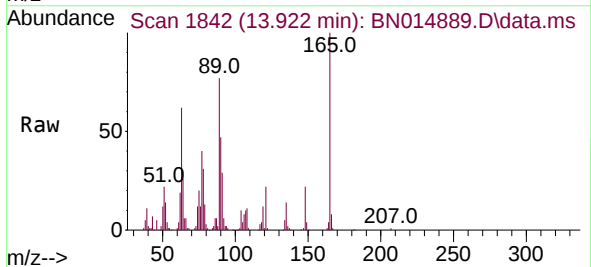
Instrument :
BNA_N
ClientSampleId :

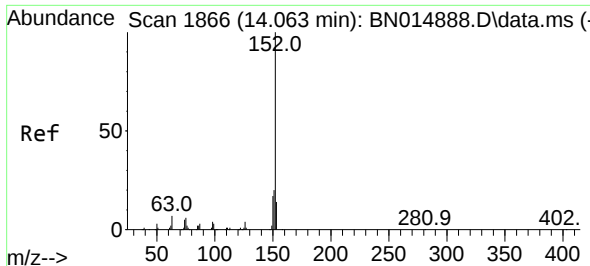
Tgt Ion:163 Resp: 928699
Ion Ratio Lower Upper
163 100
194 3.9 3.8 5.8
164 9.4 8.7 13.1



#48
2,6-Dinitrotoluene
Concen: 42.999 ng/ul
RT: 13.922 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:165 Resp: 189556
Ion Ratio Lower Upper
165 100
89 77.2 63.0 94.6
121 22.5 15.8 23.8

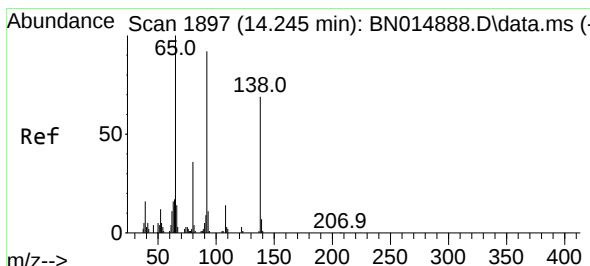
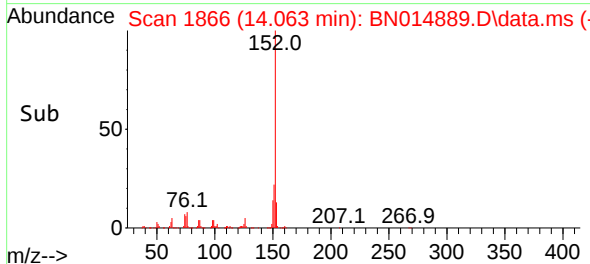
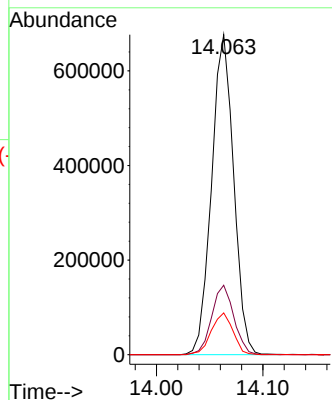
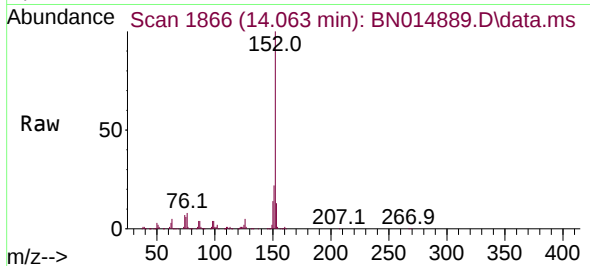




#50
Acenaphthylene
Concen: 38.133 ng/ul
RT: 14.063 min Scan# 1866
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

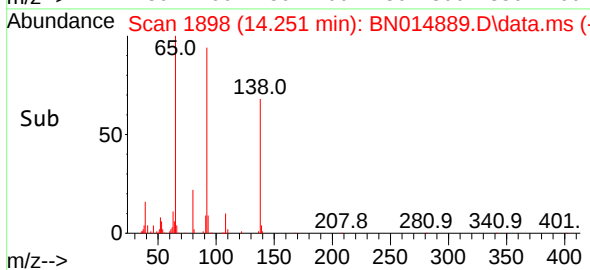
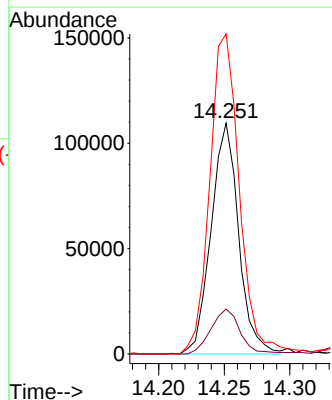
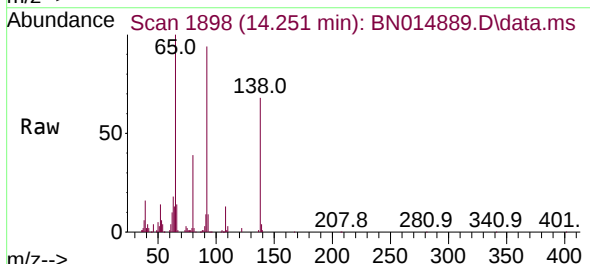
Instrument :
BNA_N
ClientSampled :

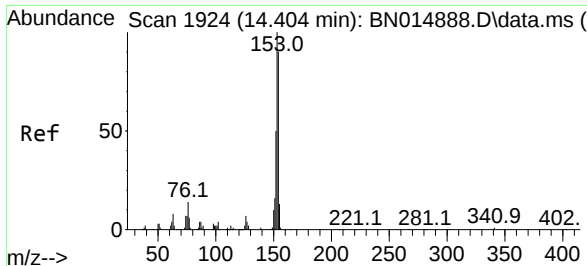
Tgt Ion:152 Resp: 972387
Ion Ratio Lower Upper
152 100
151 21.7 17.8 26.8
153 13.1 11.2 16.8



#51
3-Nitroaniline
Concen: 37.407 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:138 Resp: 160009
Ion Ratio Lower Upper
138 100
108 19.5 17.0 25.4
92 138.6 133.6 200.4

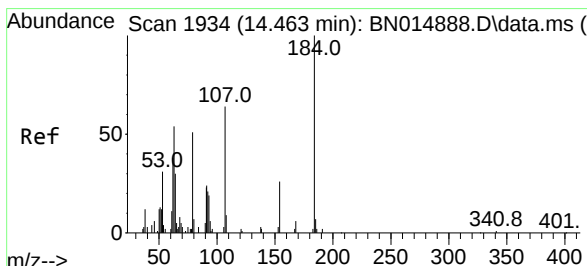
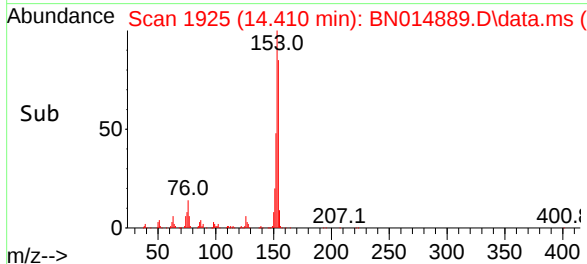
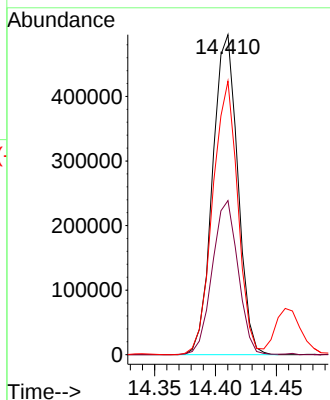
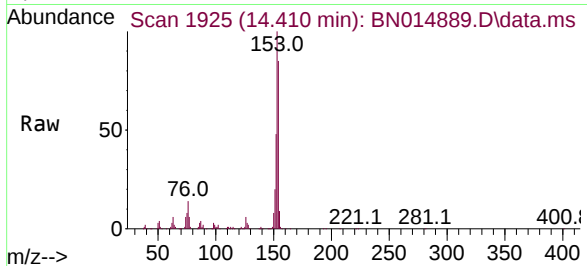




#52
Acenaphthene
Concen: 38.634 ng/ul
RT: 14.410 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

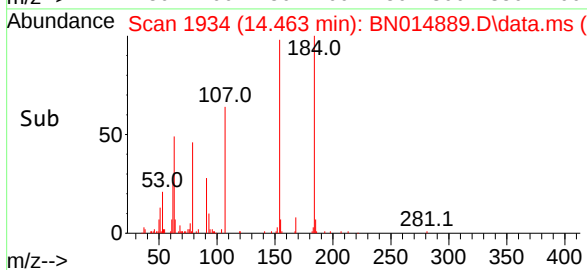
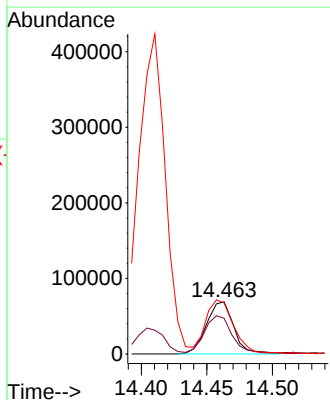
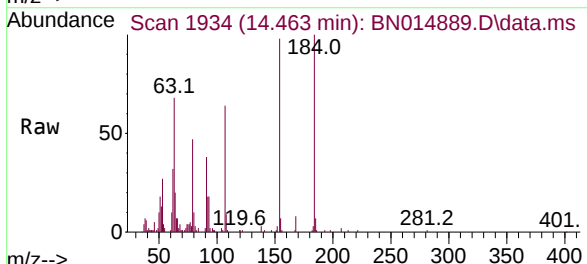
Instrument :
BNA_N
ClientSampled :

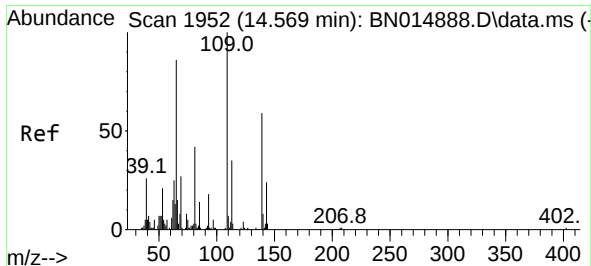
Tgt Ion:153 Resp: 713814
Ion Ratio Lower Upper
153 100
152 48.2 37.7 56.5
154 85.4 67.8 101.6



#53
2,4-Dinitrophenol
Concen: 31.263 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:184 Resp: 100061
Ion Ratio Lower Upper
184 100
63 68.4 54.3 81.5
154 98.0 70.0 105.0

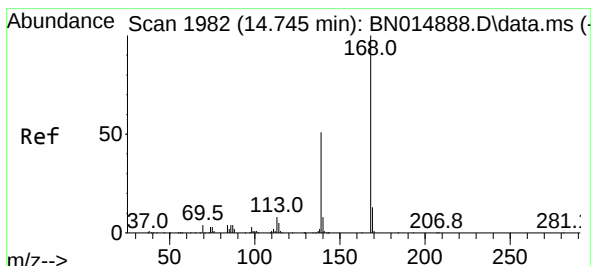
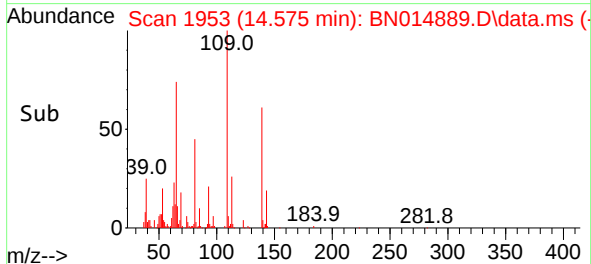
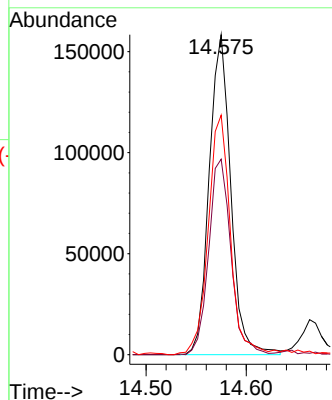
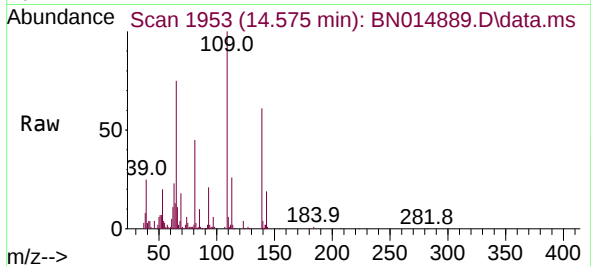




#55
4-Nitrophenol
Concen: 32.433 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

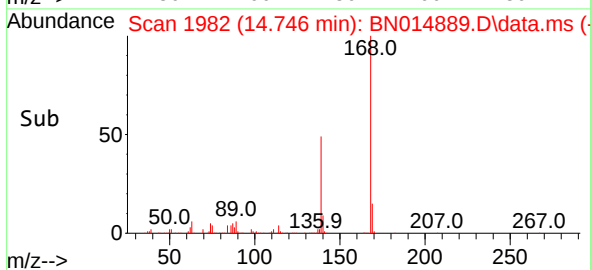
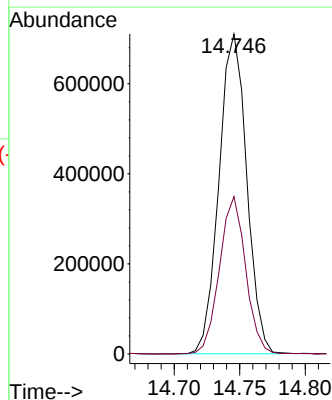
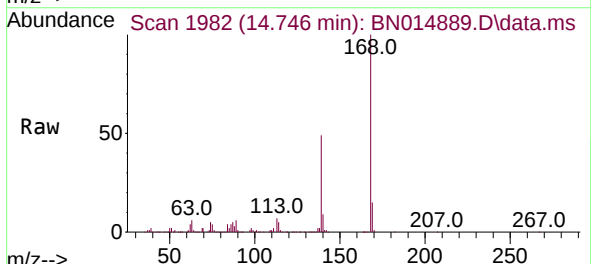
Instrument :
BNA_N
ClientSampleId :

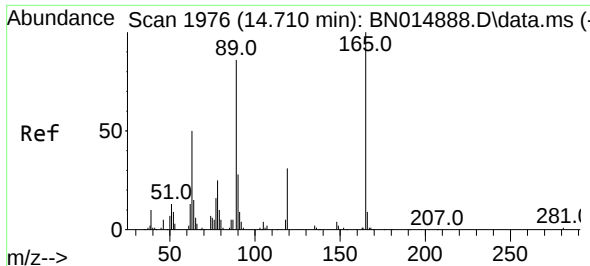
Tgt Ion:109 Resp: 236902
Ion Ratio Lower Upper
109 100
139 61.1 59.8 89.8
65 74.8 68.6 102.8



#56
Dibenzofuran
Concen: 37.935 ng/ul
RT: 14.746 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:168 Resp: 1042661
Ion Ratio Lower Upper
168 100
139 49.1 29.5 44.3#

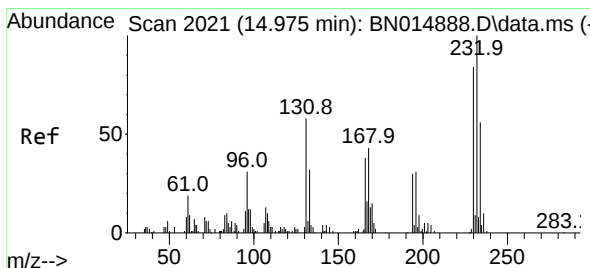
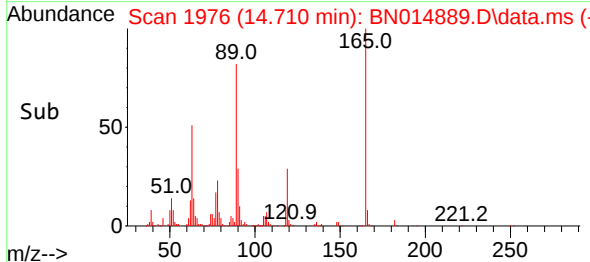
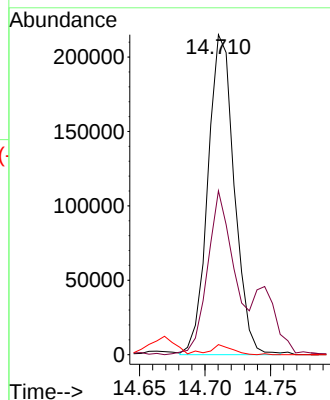
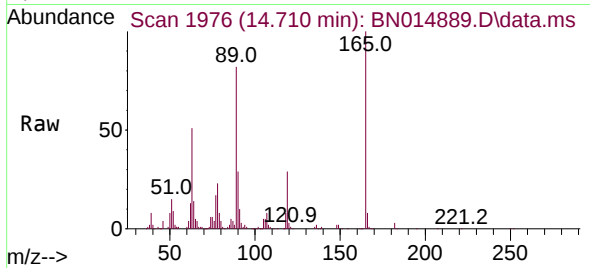




#57
2,4-Dinitrotoluene
Concen: 42.910 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

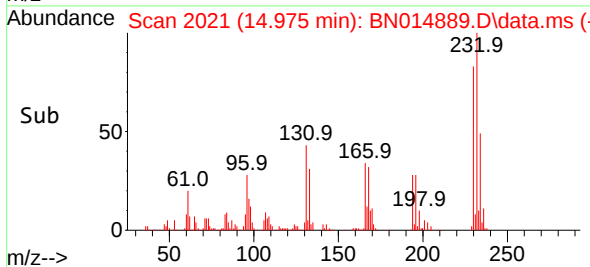
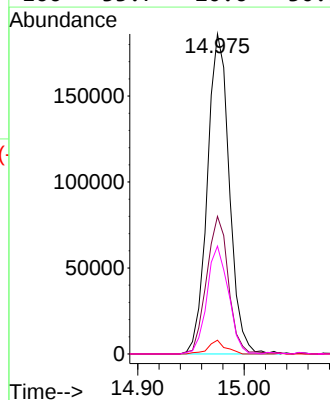
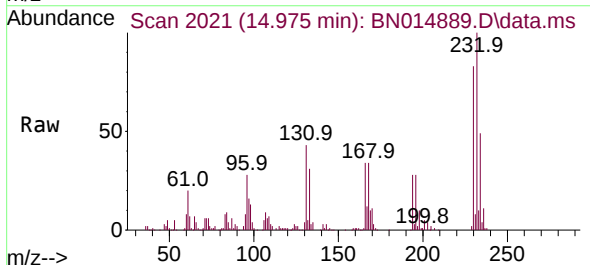
Instrument :
BNA_N
ClientSampleId :

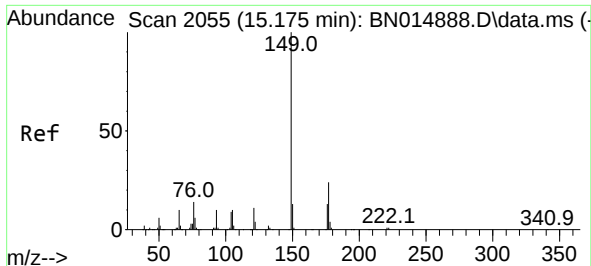
Tgt Ion:165 Resp: 301456
Ion Ratio Lower Upper
165 100
63 51.2 37.6 56.4
182 3.2 1.8 2.6#



#58
2,3,4,6-Tetrachlorophenol
Concen: 37.103 ng/ul
RT: 14.975 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:232 Resp: 266979
Ion Ratio Lower Upper
232 100
131 43.0 27.8 41.8#
130 4.3 1.7 2.5#
166 33.7 20.6 30.8#

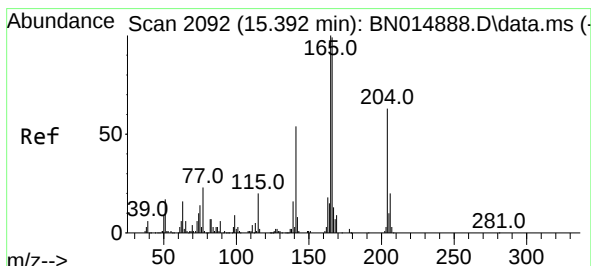
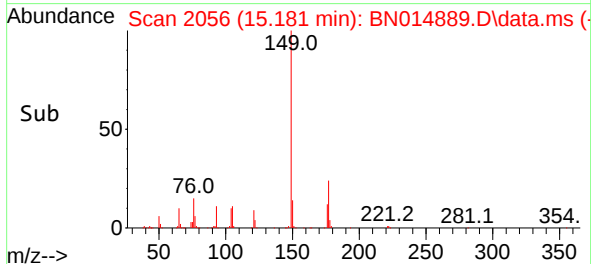
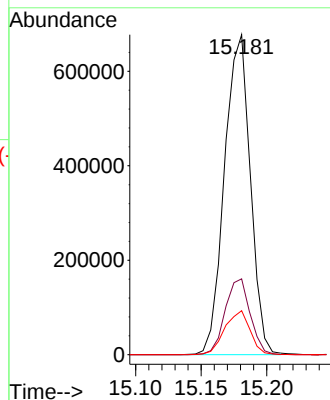
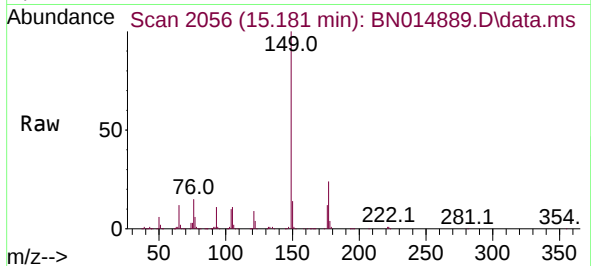




#59
Diethylphthalate
Concen: 40.707 ng/ul
RT: 15.181 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

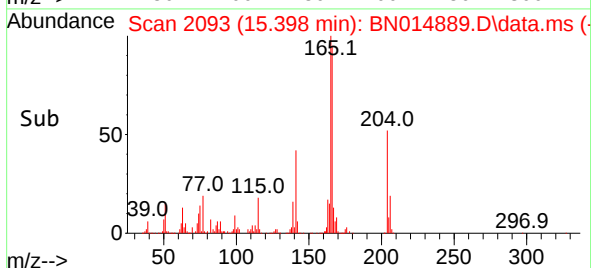
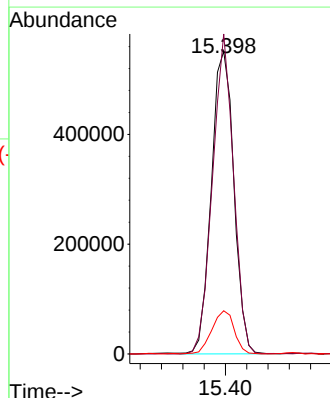
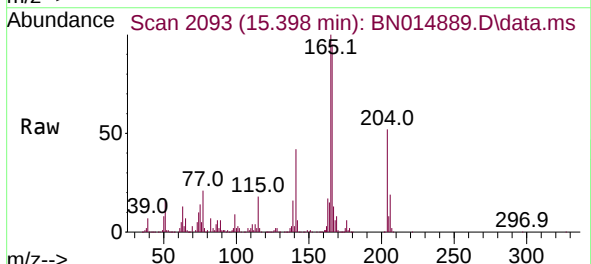
Instrument :
BNA_N
ClientSampled :

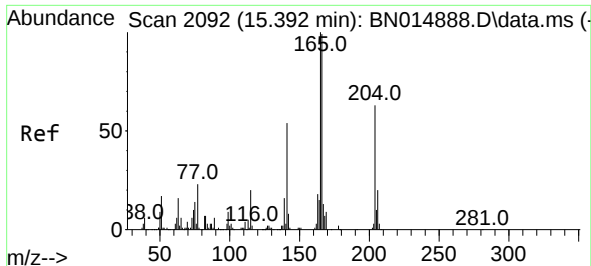
Tgt Ion:149 Resp: 928356
Ion Ratio Lower Upper
149 100
177 23.7 20.6 31.0
150 13.7 11.4 17.2



#61
Fluorene
Concen: 39.198 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:166 Resp: 810559
Ion Ratio Lower Upper
166 100
165 105.7 74.6 111.8
167 14.3 11.1 16.7

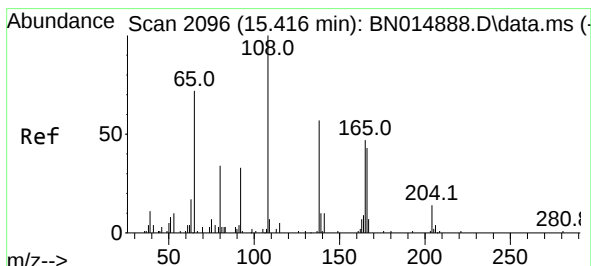
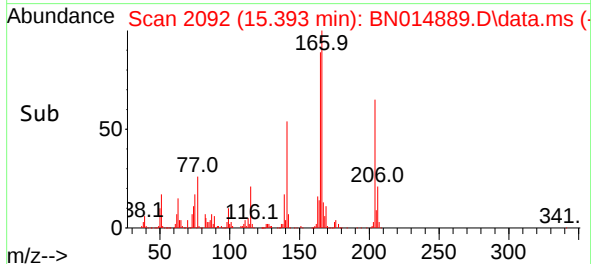
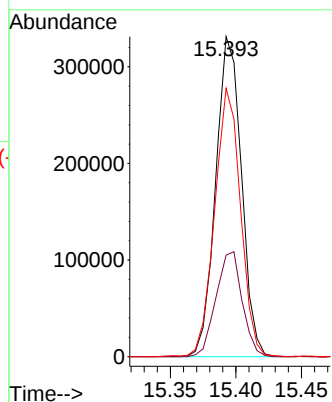
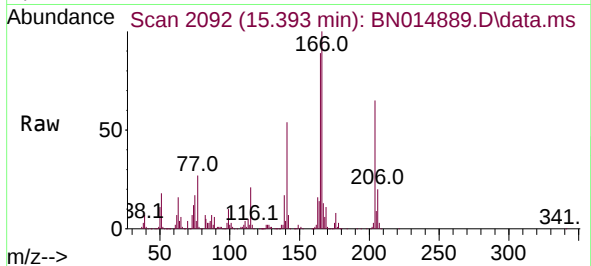




#62
4-Chlorophenyl-phenylether
Concen: 36.862 ng/ul
RT: 15.393 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

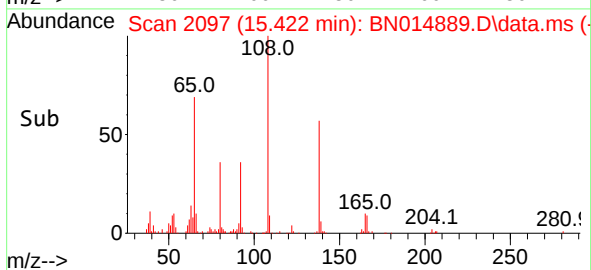
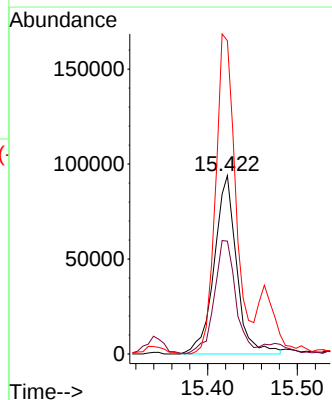
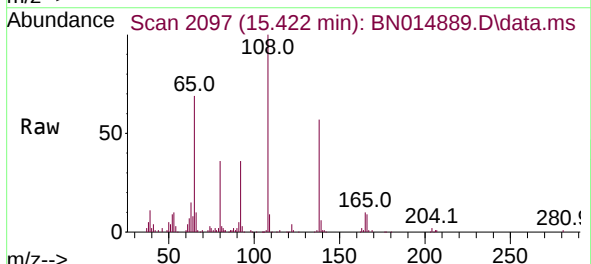
Instrument :
BNA_N
ClientSampled :

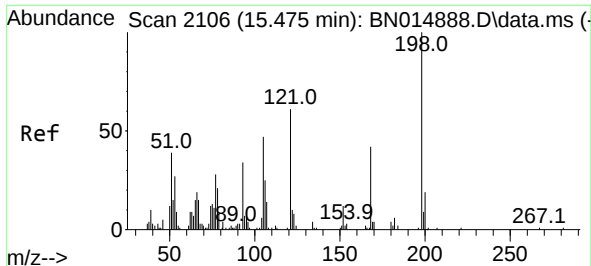
Tgt Ion:204 Resp: 450958
Ion Ratio Lower Upper
204 100
206 31.8 27.2 40.8
141 83.9 52.1 78.1#



#63
4-Nitroaniline
Concen: 37.575 ng/ul
RT: 15.422 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:138 Resp: 163263
Ion Ratio Lower Upper
138 100
92 63.2 57.5 86.3
108 175.6 109.3 163.9#

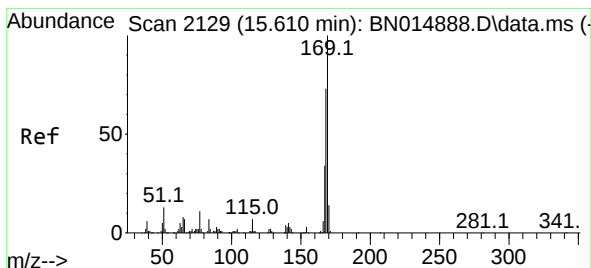
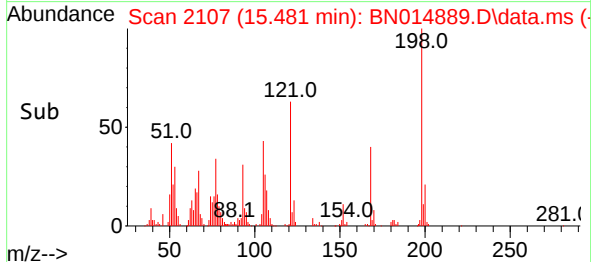
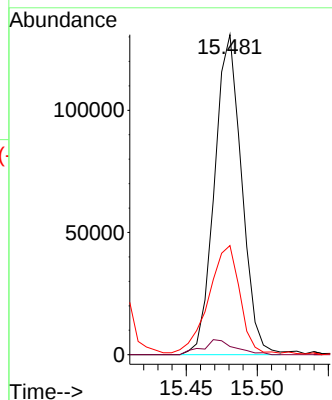
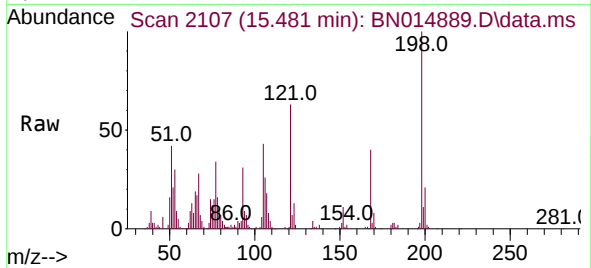




#66
4,6-Dinitro-2-methylphenol
Concen: 45.728 ng/ul
RT: 15.481 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

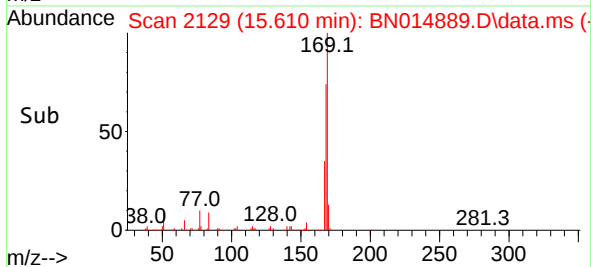
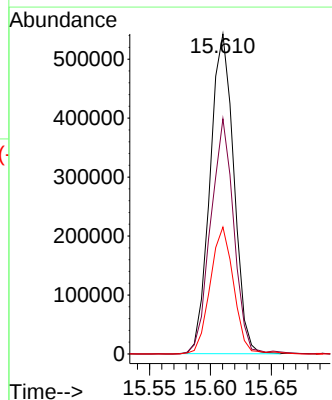
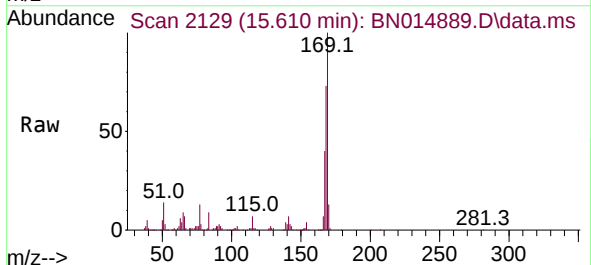
Instrument :
BNA_N
ClientSampled :

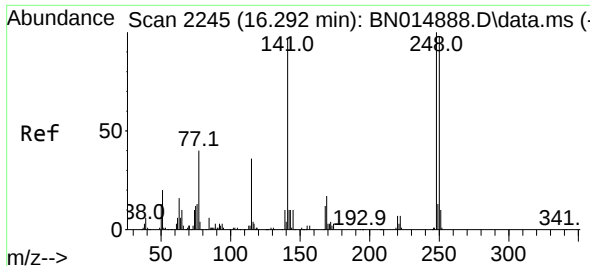
Tgt Ion:198 Resp: 174132
Ion Ratio Lower Upper
198 100
182 2.5 4.1 6.1#
77 34.1 20.8 31.2#



#67
N-Nitrosodiphenylamine
Concen: 38.494 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:169 Resp: 737873
Ion Ratio Lower Upper
169 100
168 73.5 54.7 82.1
167 39.6 30.6 46.0

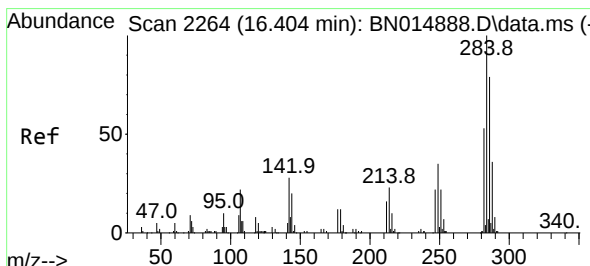
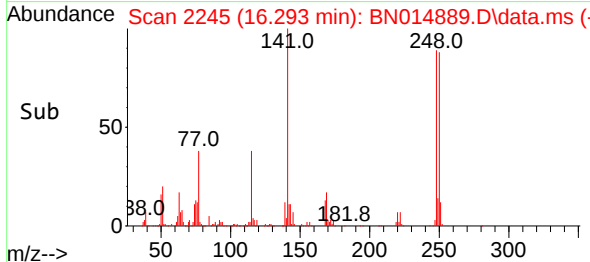
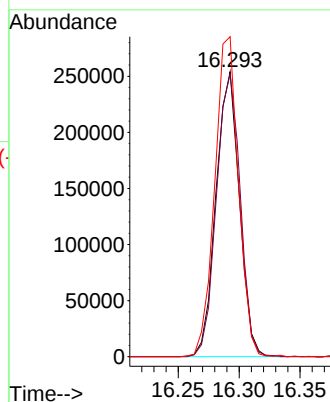
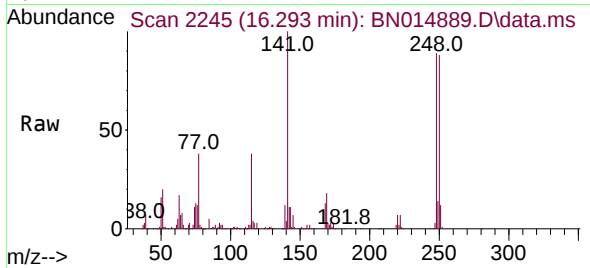




#68
4-Bromophenyl-phenylether
Concen: 36.690 ng/ul
RT: 16.293 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

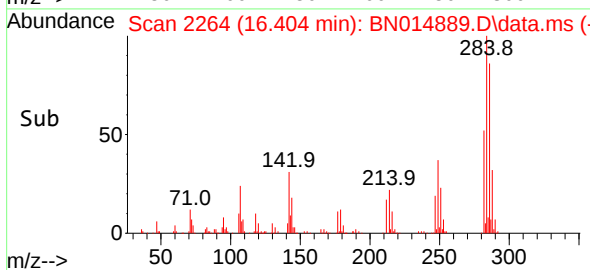
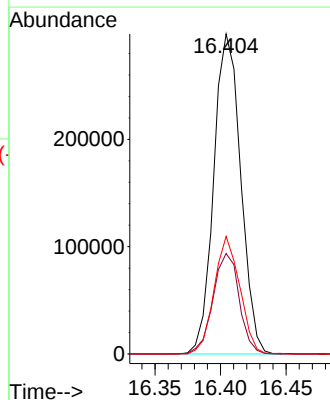
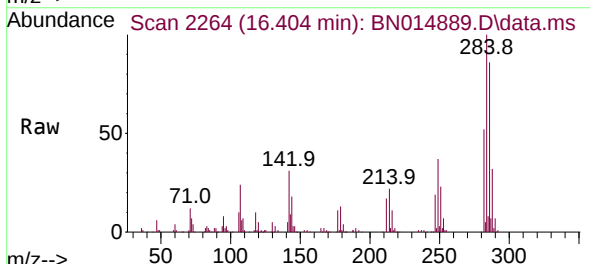
Instrument :
BNA_N
ClientSampled :

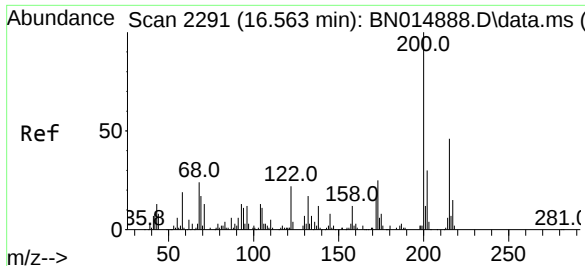
Tgt Ion:248 Resp: 340011
Ion Ratio Lower Upper
248 100
250 99.2 74.2 111.2
141 112.3 63.4 95.2#



#69
Hexachlorobenzene
Concen: 36.773 ng/ul
RT: 16.404 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:284 Resp: 426316
Ion Ratio Lower Upper
284 100
142 31.4 20.6 30.8#
249 36.8 27.3 40.9

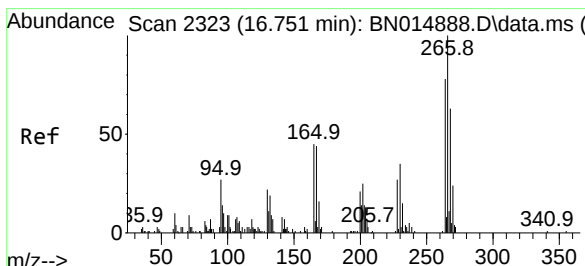
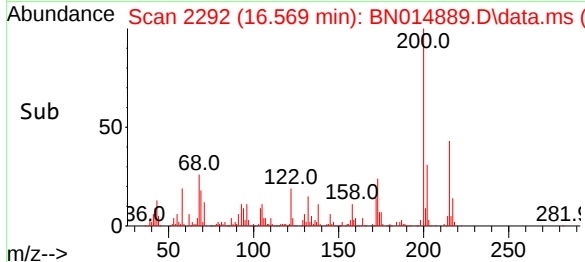
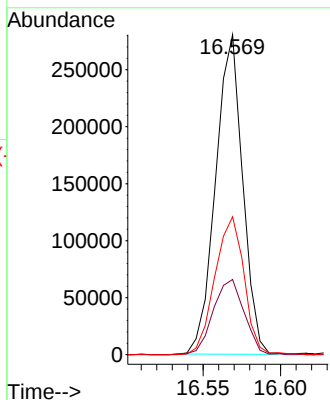
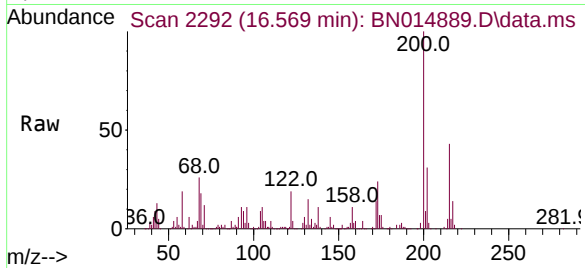




#70
Atrazine
Concen: 42.939 ng/ul
RT: 16.569 min Scan# 2292
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

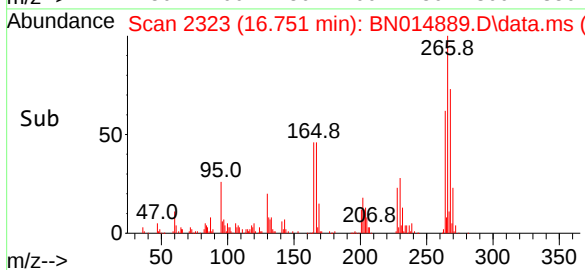
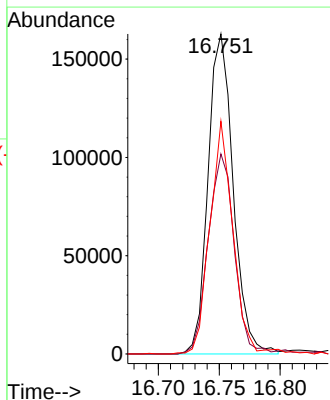
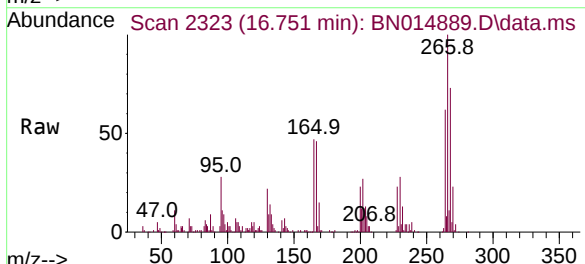
Instrument :
BNA_N
ClientSampled :

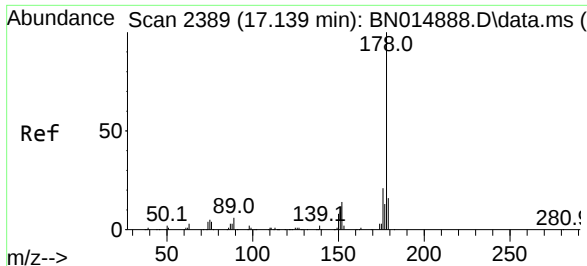
Tgt Ion:200 Resp: 340342
Ion Ratio Lower Upper
200 100
173 23.5 22.0 33.0
215 43.1 38.3 57.5



#71
Pentachlorophenol
Concen: 35.130 ng/ul
RT: 16.751 min Scan# 2323
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:266 Resp: 234486
Ion Ratio Lower Upper
266 100
264 62.5 47.8 71.6
268 72.7 48.4 72.6#

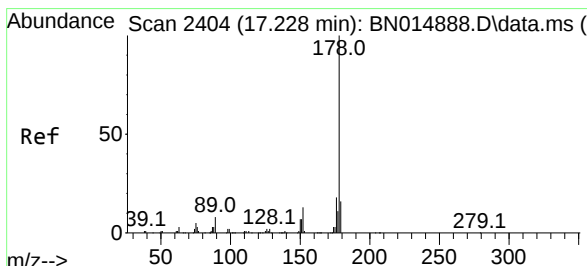
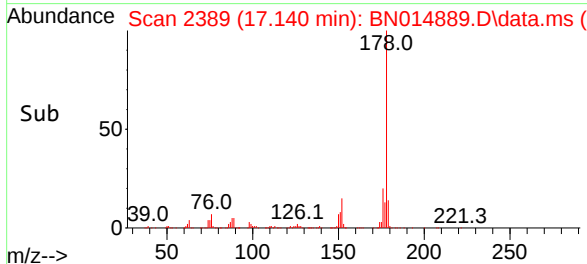
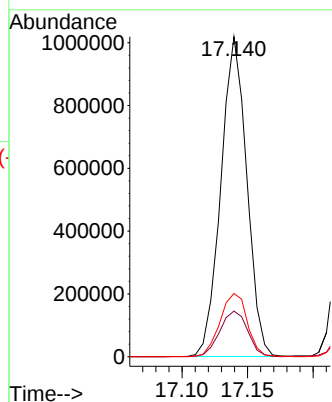
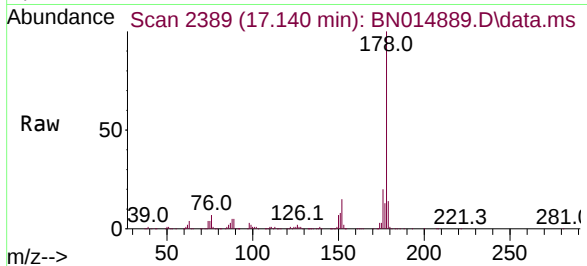




#72
Phenanthrene
Concen: 37.642 ng/ul
RT: 17.140 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

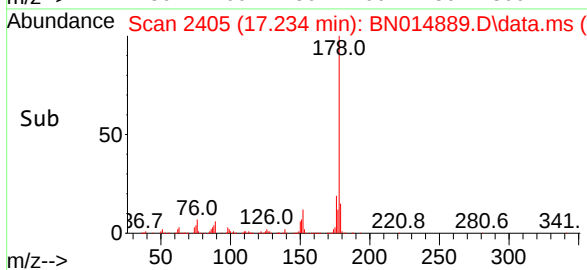
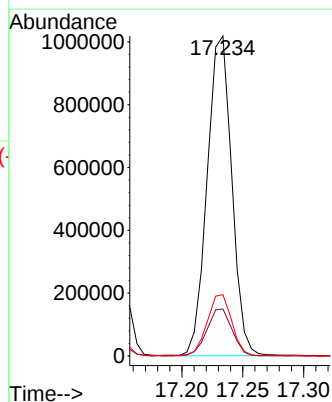
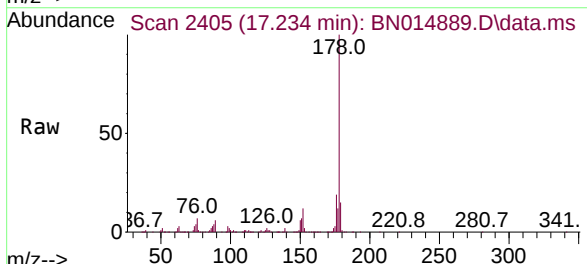
Instrument :
BNA_N
ClientSampled :

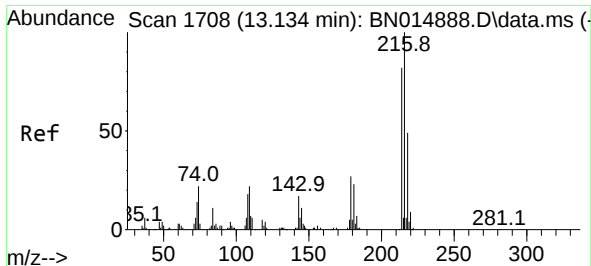
Tgt Ion:178 Resp: 1399698
Ion Ratio Lower Upper
178 100
179 14.3 12.9 19.3
176 19.8 15.4 23.0



#74
Anthracene
Concen: 38.251 ng/ul
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:178 Resp: 1433541
Ion Ratio Lower Upper
178 100
179 14.7 12.9 19.3
176 19.2 15.3 22.9

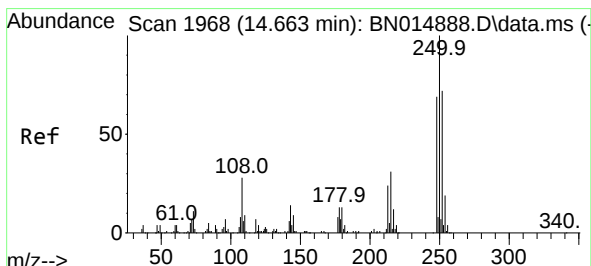
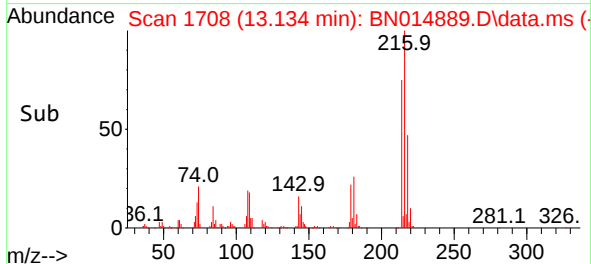
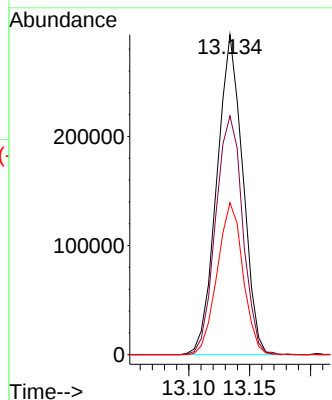
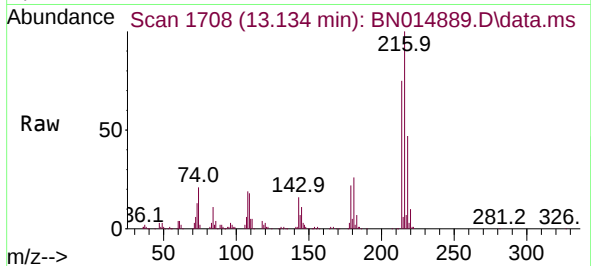




#75
1,2,3,4-Tetrachlorobenzene
Concen: 36.998 ng/uL
RT: 13.134 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

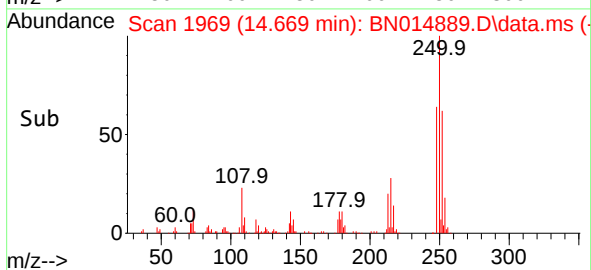
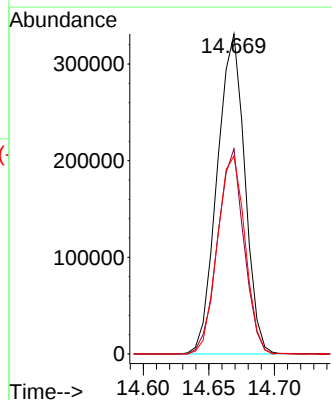
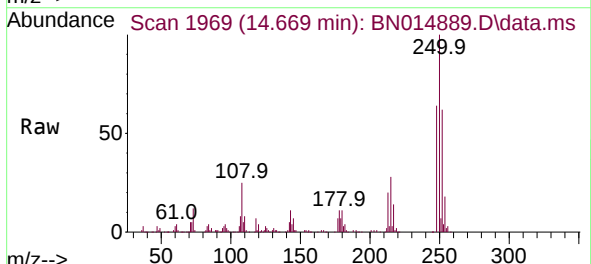
Instrument :
BNA_N
ClientSampled :

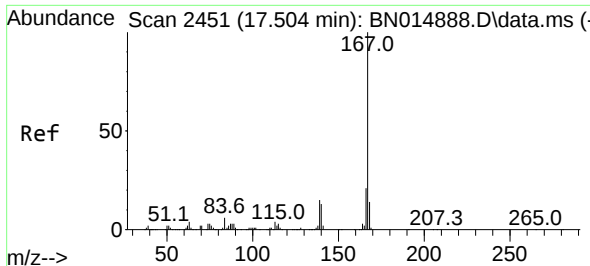
Tgt Ion:216 Resp: 435078
Ion Ratio Lower Upper
216 100
214 74.6 58.6 87.8
218 47.5 43.5 65.3



#76
Pentachlorobenzene
Concen: 39.926 ng/uL
RT: 14.669 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:250 Resp: 485603
Ion Ratio Lower Upper
250 100
248 64.1 49.5 74.3
252 61.8 51.7 77.5

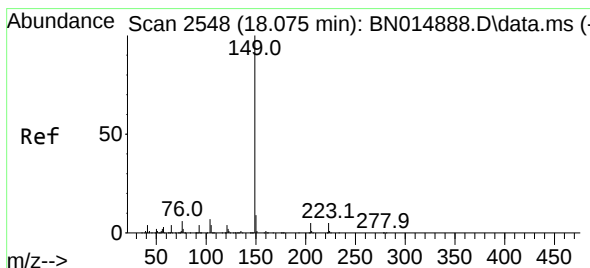
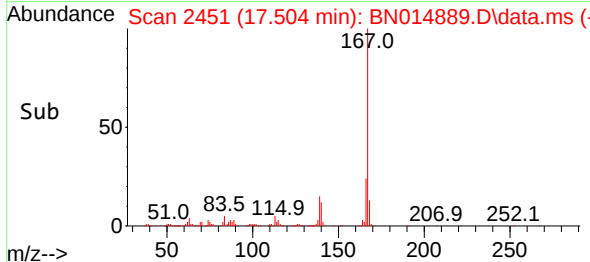
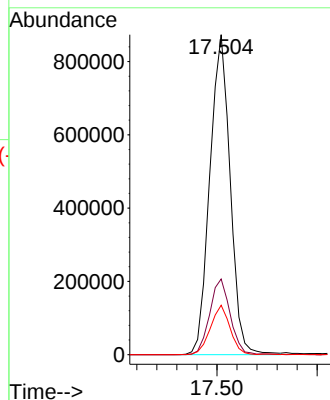
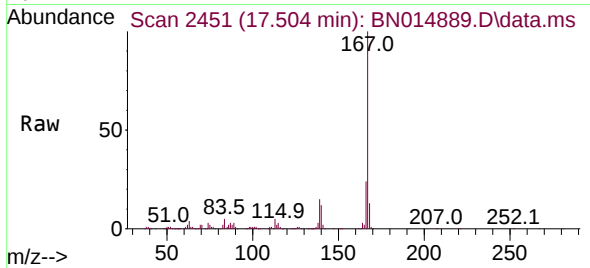




#77
 Carbazole
 Concen: 39.024 ng/ul
 RT: 17.504 min Scan# 2451
 Delta R.T. 0.000 min
 Lab File: BN014889.D
 Acq: 12 Jun 2021 11:49

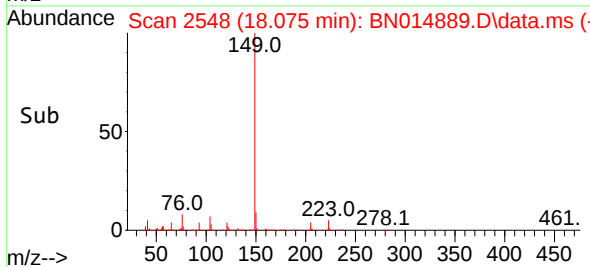
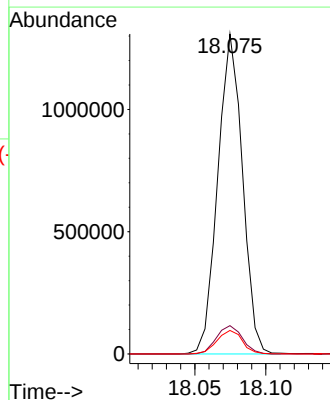
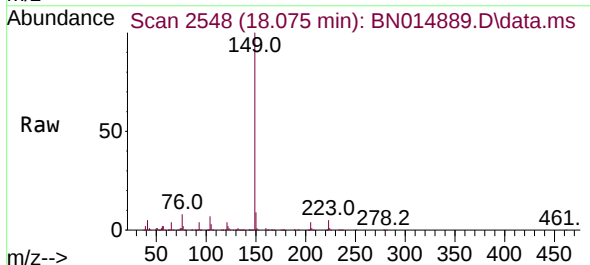
Instrument :
 BNA_N
 ClientSampled :

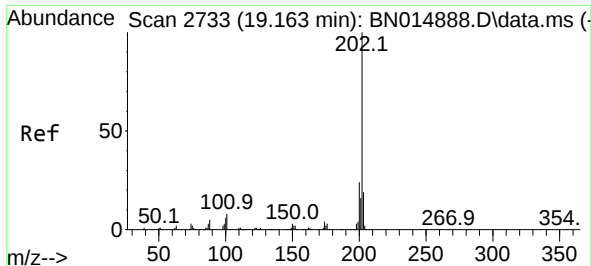
Tgt Ion:167 Resp: 1232568
 Ion Ratio Lower Upper
 167 100
 166 23.7 17.4 26.0
 139 15.5 10.6 15.8



#78
 Di-n-butylphthalate
 Concen: 42.453 ng/ul
 RT: 18.075 min Scan# 2548
 Delta R.T. 0.000 min
 Lab File: BN014889.D
 Acq: 12 Jun 2021 11:49

Tgt Ion:149 Resp: 1580014
 Ion Ratio Lower Upper
 149 100
 150 8.9 6.5 9.7
 104 7.3 5.6 8.4

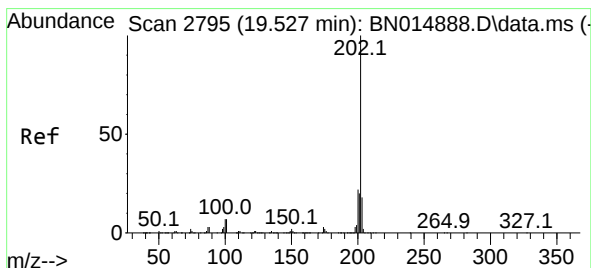
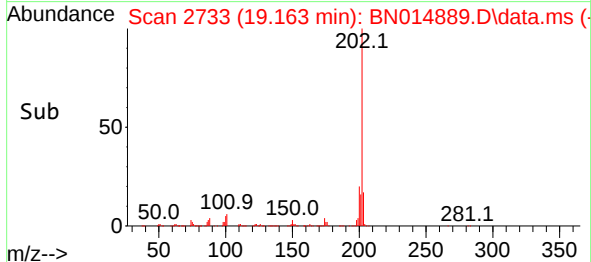
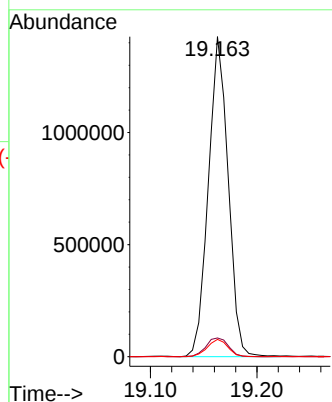
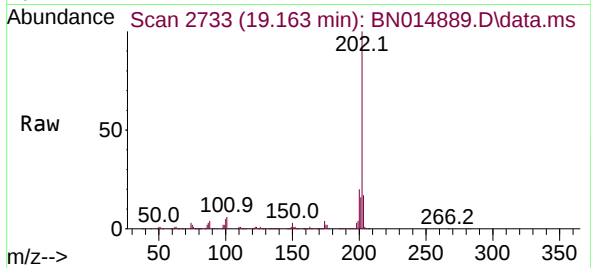




#80
Fluoranthene
Concen: 39.094 ng/u1
RT: 19.163 min Scan# 2733
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

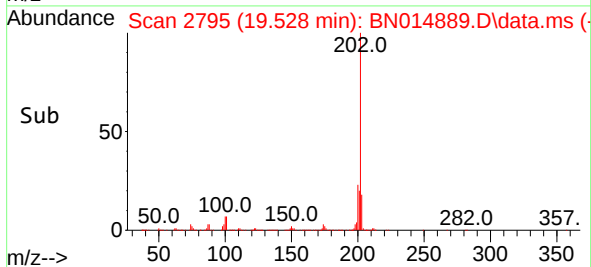
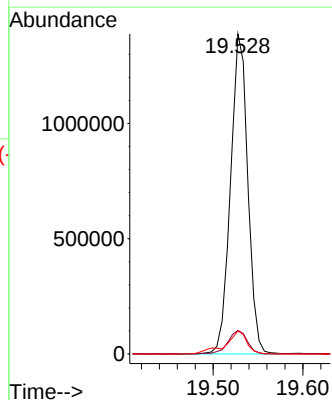
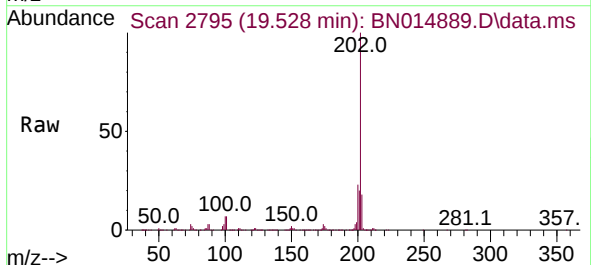
Instrument :
BNA_N
ClientSampled :

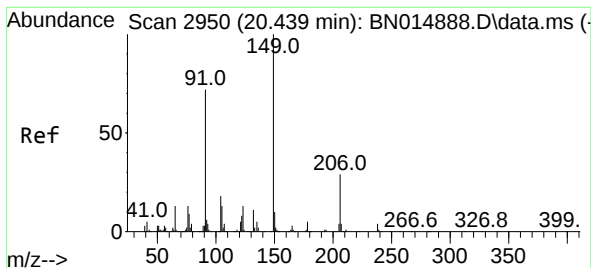
Tgt Ion:202 Resp: 1842740
Ion Ratio Lower Upper
202 100
101 5.8 7.6 11.4#
100 5.4 5.6 8.4#



#82
Pyrene
Concen: 38.252 ng/u1
RT: 19.528 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:202 Resp: 1854210
Ion Ratio Lower Upper
202 100
101 7.4 8.7 13.1#
100 7.2 6.2 9.4

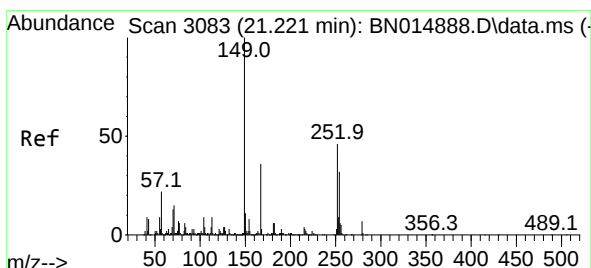
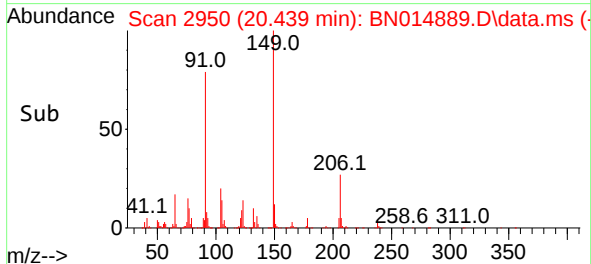
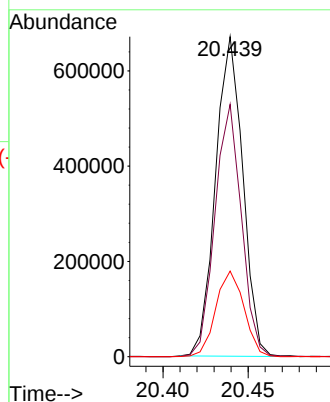
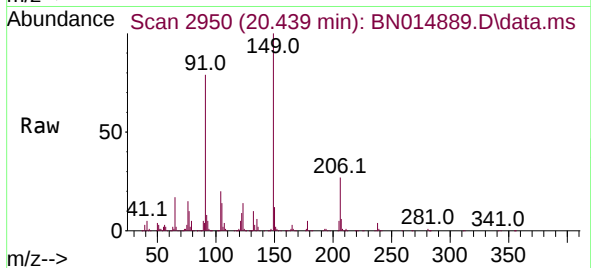




#83
Butylbenzylphthalate
Concen: 45.870 ng/ul
RT: 20.439 min Scan# 2950
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

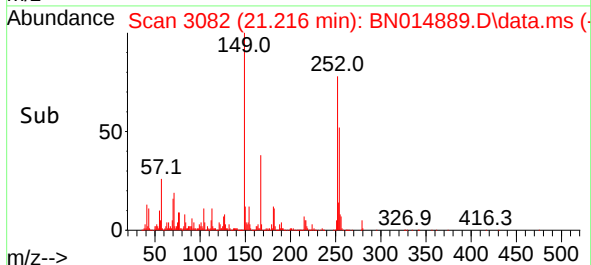
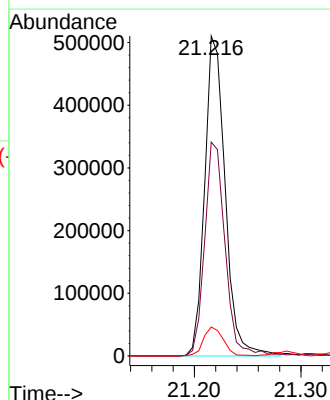
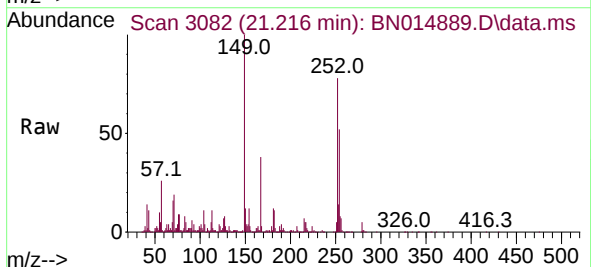
Instrument :
BNA_N
ClientSampled :

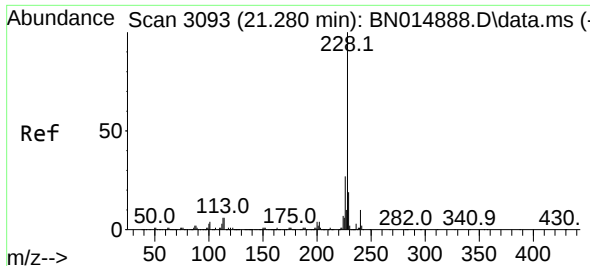
Tgt Ion:149 Resp: 747112
Ion Ratio Lower Upper
149 100
91 78.8 65.7 98.5
206 26.7 23.8 35.8



#84
3,3'-Dichlorobenzidine
Concen: 42.681 ng/ul
RT: 21.216 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:252 Resp: 682198
Ion Ratio Lower Upper
252 100
254 66.9 50.1 75.1
126 9.0 6.3 9.5

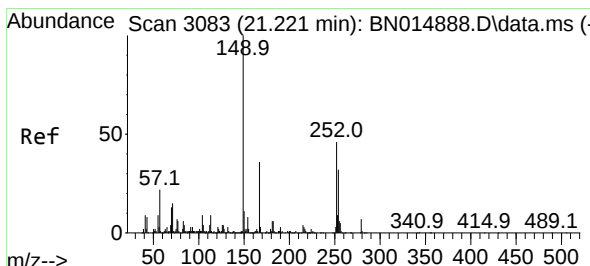
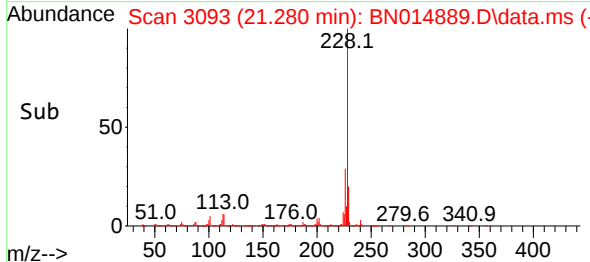
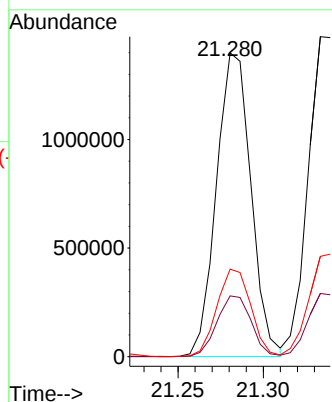
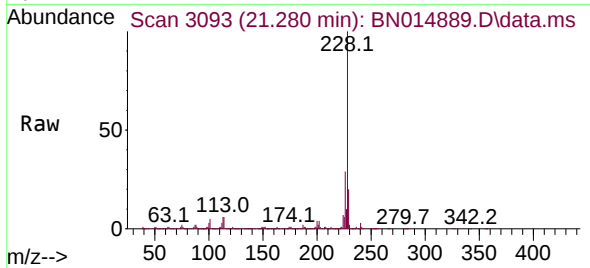




#85
Benzo(a)anthracene
Concen: 37.237 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

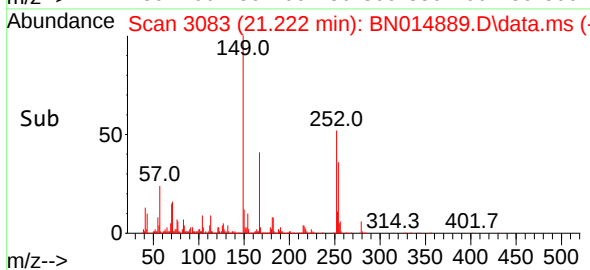
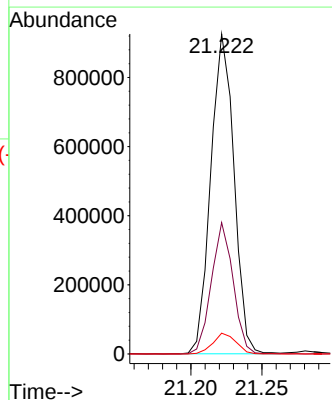
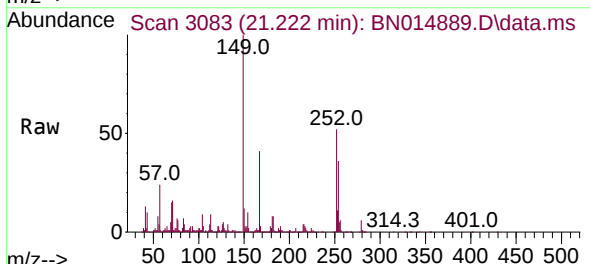
Instrument :
BNA_N
ClientSampled :

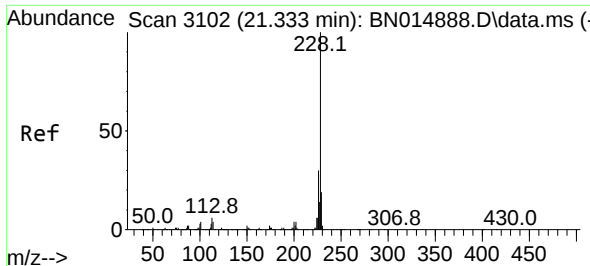
Tgt Ion:228 Resp: 1967817
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.4
226 28.8 21.6 32.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 44.788 ng/ul
RT: 21.222 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:149 Resp: 1051479
Ion Ratio Lower Upper
149 100
167 41.1 30.7 46.1
279 6.5 5.1 7.7

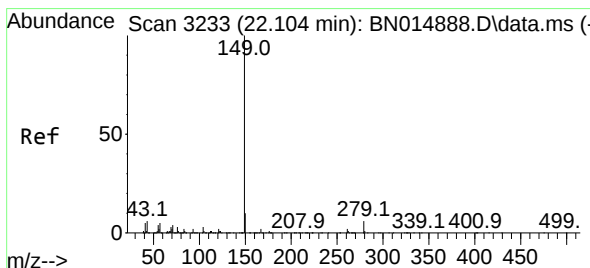
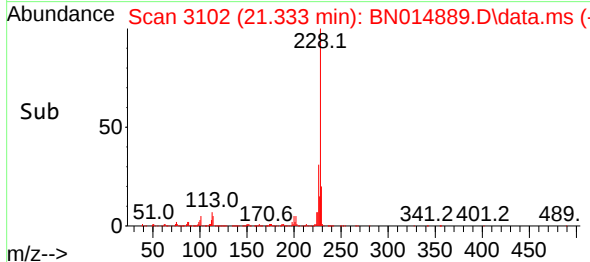
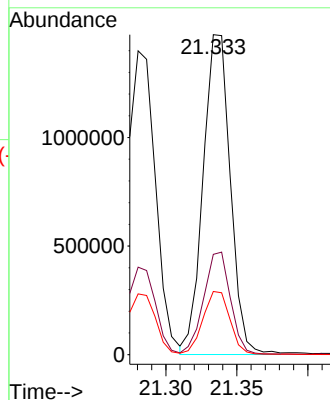
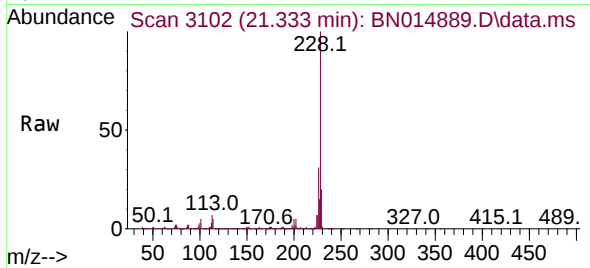




#87
Chrysene
Concen: 36.989 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

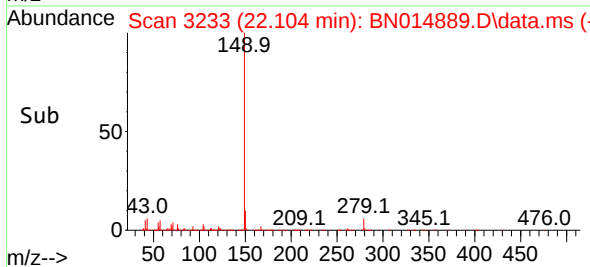
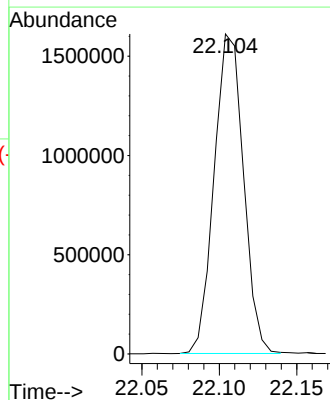
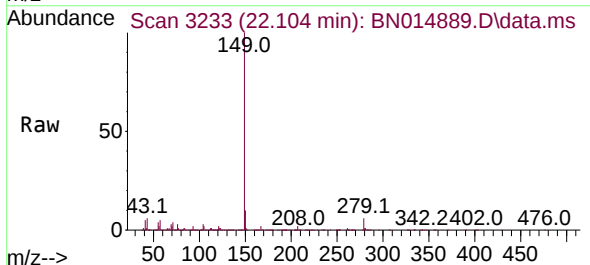
Instrument :
BNA_N
ClientSampled :

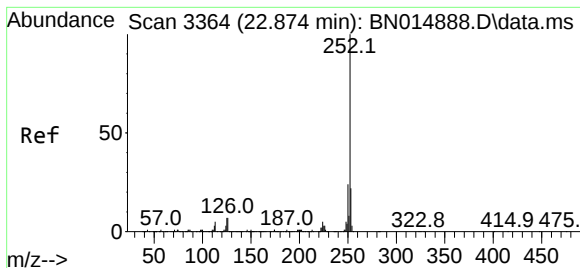
Tgt Ion:228 Resp: 1968467
Ion Ratio Lower Upper
228 100
226 31.3 23.8 35.6
229 19.8 14.8 22.2



#89
Di-n-octyl phthalate
Concen: 49.255 ng/ul
RT: 22.104 min Scan# 3233
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:149 Resp: 2120533





#90

Benzo(b)fluoranthene

Concen: 39.013 ng/ul

RT: 22.875 min Scan# 3364

Delta R.T. 0.000 min

Lab File: BN014889.D

Acq: 12 Jun 2021 11:49

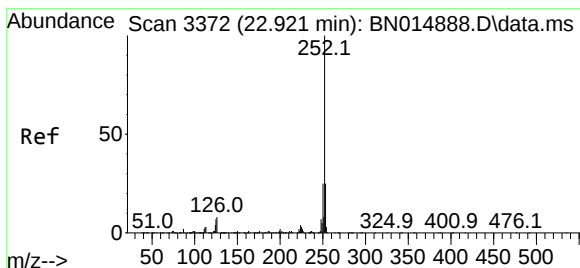
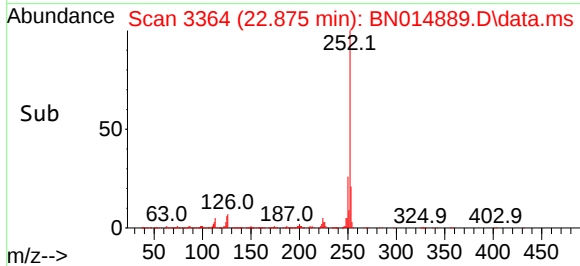
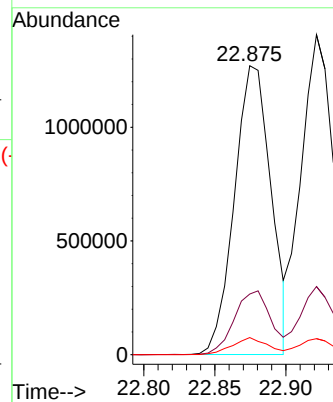
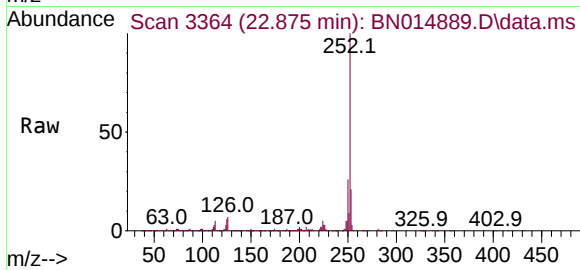
Tgt Ion:252 Resp: 2278333

Ion Ratio Lower Upper

252 100

253 21.0 15.8 23.8

125 5.9 4.3 6.5



#91

Benzo(k)fluoranthene

Concen: 39.605 ng/ul

RT: 22.922 min Scan# 3372

Delta R.T. 0.000 min

Lab File: BN014889.D

Acq: 12 Jun 2021 11:49

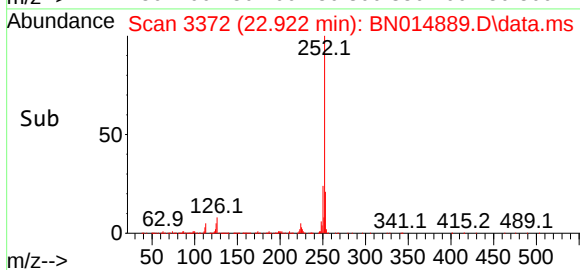
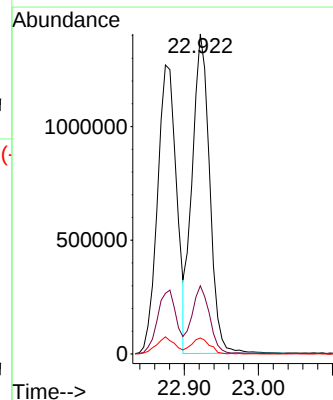
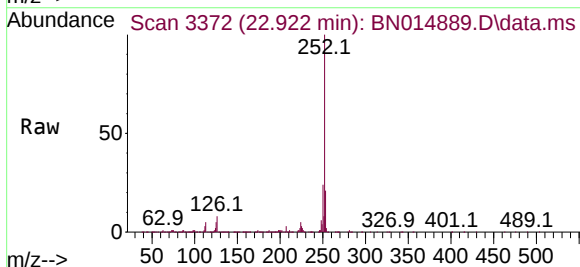
Tgt Ion:252 Resp: 2304385

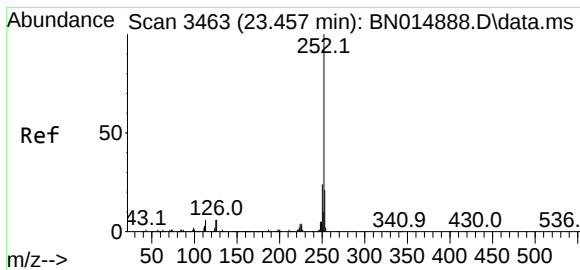
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.4

125 5.0 4.8 7.2

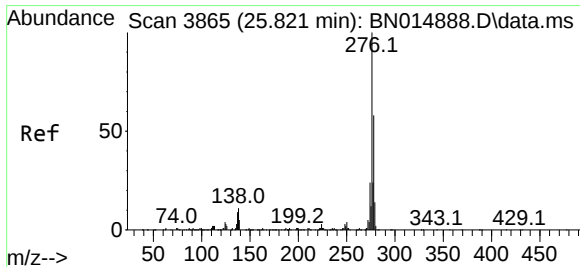
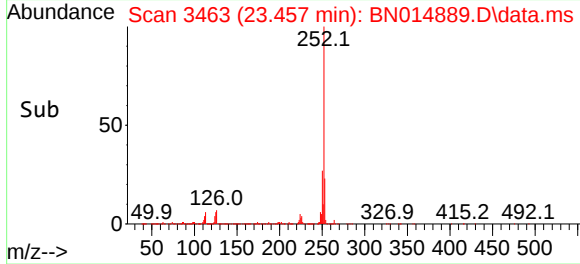
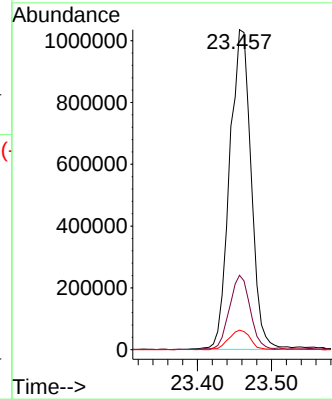
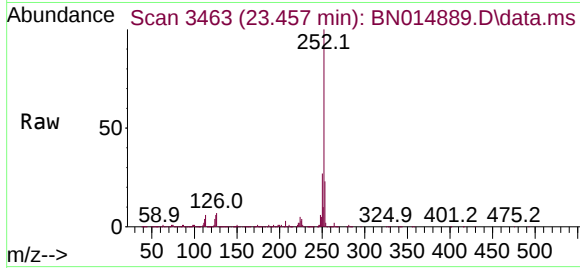




#93
Benzo(a)pyrene
Concen: 39.314 ng/ul
RT: 23.457 min Scan# 3463
Delta R.T. 0.000 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

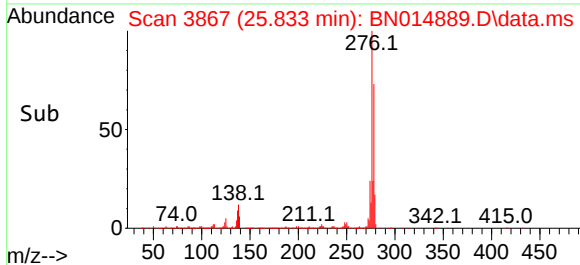
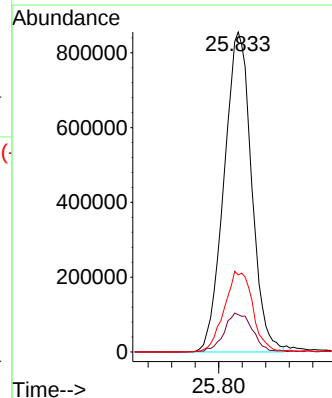
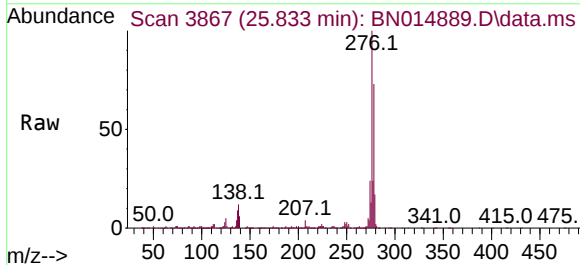
Instrument :
BNA_N
ClientSampled :

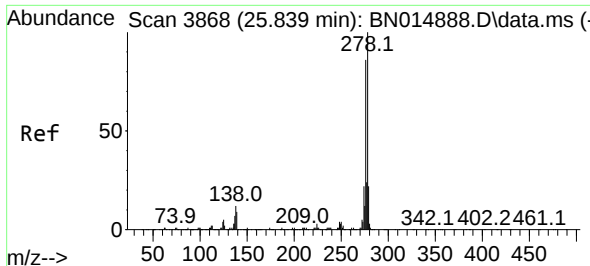
Tgt Ion:252 Resp: 2077772
Ion Ratio Lower Upper
252 100
253 23.3 18.8 28.2
125 6.1 5.4 8.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 38.348 ng/ul
RT: 25.833 min Scan# 3867
Delta R.T. 0.012 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:276 Resp: 2776939
Ion Ratio Lower Upper
276 100
138 11.6 10.0 15.0
277 24.1 19.5 29.3

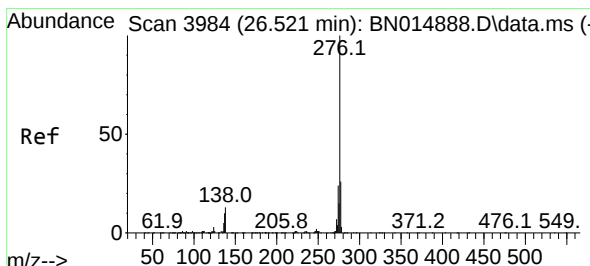
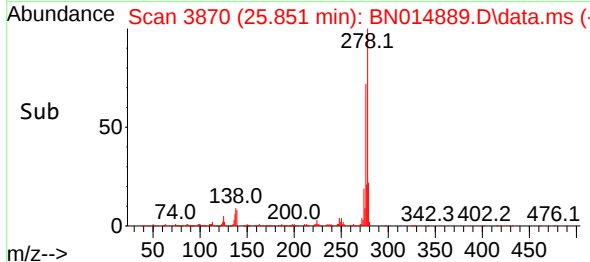
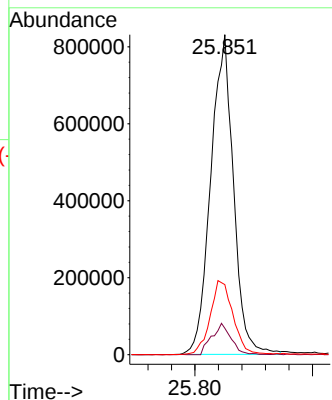
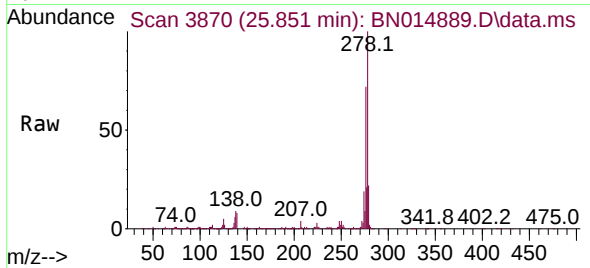




#95
Dibenzo(a,h)anthracene
Concen: 37.093 ng/ul
RT: 25.851 min Scan# 3870
Delta R.T. 0.012 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Instrument :
BNA_N
ClientSampled :

Tgt Ion:278 Resp: 2222902
Ion Ratio Lower Upper
278 100
139 8.3 7.6 11.4
279 21.9 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 37.751 ng/ul
RT: 26.527 min Scan# 3985
Delta R.T. 0.006 min
Lab File: BN014889.D
Acq: 12 Jun 2021 11:49

Tgt Ion:276 Resp: 2419381
Ion Ratio Lower Upper
276 100
138 11.3 10.2 15.4
277 21.9 15.7 23.5

