

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031363.D
 Acq On : 02 May 2024 01:09
 Operator : MA/JU
 Sample : P2105-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7MSD

Quant Time: May 02 03:53:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 02 00:07:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	143853	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	685240	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	405121	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	690069	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	623208	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	853098	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	35134	11.371	ng/uL	0.00
4) Pyridine-d5	3.534	84	341537	38.600	ng/u1	0.00
7) Phenol-d5	6.793	99	515979	44.574	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	304187	44.880	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	429442	46.373	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	280916	29.284	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	154416	31.268	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	200647	37.751	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	405328	41.067	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	285529	19.962	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1102149	41.266	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1294346	41.767	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	213334	44.014	ng/u1	0.00
60) Fluorene-d10	15.257	176	938142	41.133	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.393	200	163386	46.042	ng/u1	0.00
73) Anthracene-d10	17.110	188	1334040	46.842	ng/u1	0.00
81) Pyrene-d10	19.416	212	1651998	43.525	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1701746	43.088	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	59919	17.818	ng/uL	93
5) Pyridine	3.558	79	467041	52.544	ng/u1	93
6) Benzaldehyde	6.764	77	332910	57.280	ng/u1	99
8) Phenol	6.816	94	627553	53.340	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.046	93	479443	50.340	ng/u1	99
12) 2-Chlorophenol	7.175	128	512136	53.189	ng/u1	98
13) 2-Methylphenol	8.058	108	384810	42.114	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	373851	29.747	ng/u1	95
16) Acetophenone	8.434	105	503201	35.280	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.422	70	242698	32.410	ng/u1	98
18) 4-Methylphenol	8.387	108	340542	34.051	ng/u1	96
19) Hexachloroethane	8.675	117	153605	39.427	ng/u1	98
22) Nitrobenzene	8.811	77	433927	37.446	ng/u1	99
23) Isophorone	9.334	82	928792	41.074	ng/u1	99
25) 2-Nitrophenol	9.516	139	260563	44.937	ng/u1	99
26) 2,4-Dimethylphenol	9.581	107	449418	41.233	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	617281	43.400	ng/u1	100
29) 2,4-Dichlorophenol	10.046	162	458823	47.087	ng/u1	99
30) Naphthalene	10.440	128	1525472	45.302	ng/u1	99
32) 4-Chloroaniline	10.563	127	577363	42.158	ng/u1	96
33) Hexachlorobutadiene	10.716	225	273892	47.551	ng/u1	98
34) Caprolactam	11.352	113	130467	37.483	ng/u1	98
35) 4-Chloro-3-methylphenol	11.693	107	413542	36.950	ng/u1	97
36) 2-Methylnaphthalene	12.057	142	724996	31.053	ng/u1	95

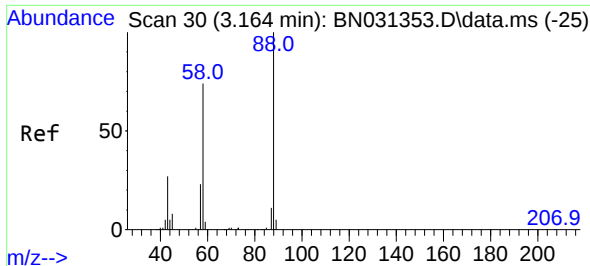
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 Quant Title : SVOA CALIBRATION
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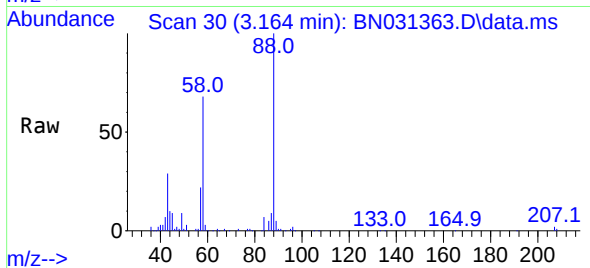
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	858498	36.351	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	447834	42.830	ng/ul	99
40) Hexachlorocyclopentadiene	12.404	237	164746	28.148	ng/ul	96
41) 2,4,6-Trichlorophenol	12.681	196	304560	42.368	ng/ul	100
42) 2,4,5-Trichlorophenol	12.757	196	335412	42.784	ng/ul	96
43) 1,1'-Biphenyl	13.087	154	1300268	47.255	ng/ul	97
44) 2-Chloronaphthalene	13.128	162	1029492	47.374	ng/ul	99
45) 2-Nitroaniline	13.346	65	303404	49.290	ng/ul	99
47) Dimethylphthalate	13.728	163	1226967	44.836	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	267934	50.177	ng/ul	99
50) Acenaphthylene	13.981	152	1650370	46.799	ng/ul	99
51) 3-Nitroaniline	14.181	138	297807	51.786	ng/ul	96
52) Acenaphthene	14.328	153	1060301	45.324	ng/ul	100
53) 2,4-Dinitrophenol	14.393	184	137045	44.910	ng/ul	87
55) 4-Nitrophenol	14.498	109	206788	53.286	ng/ul	99
56) Dibenzofuran	14.663	168	1473637	46.389	ng/ul	93
57) 2,4-Dinitrotoluene	14.640	165	380411	48.576	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.893	232	310560	47.394	ng/ul	93
59) Diethylphthalate	15.098	149	1261845	45.751	ng/ul	98
61) Fluorene	15.316	166	1166148	46.044	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	553276	45.285	ng/ul	99
63) 4-Nitroaniline	15.351	138	295432	56.104	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.404	198	215436	56.635	ng/ul#	98
67) N-Nitrosodiphenylamine	15.534	169	1042398	56.853	ng/ul	98
68) 4-Bromophenyl-phenylether	16.210	248	309547	47.949	ng/ul	96
69) Hexachlorobenzene	16.316	284	369803	49.674	ng/ul	96
70) Atrazine	16.492	200	318878	53.542	ng/ul	95
71) Pentachlorophenol	16.669	266	233374	51.775	ng/ul	95
72) Phenanthrene	17.057	178	1677623	49.124	ng/ul	98
74) Anthracene	17.145	178	1873097	54.846	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.046	216	502999	57.546	ng/ul	97
76) Pentachlorobenzene	14.575	250	478911	55.869	ng/ul	99
77) Carbazole	17.422	167	1789922	60.006	ng/ul	99
78) Di-n-butylphthalate	17.992	149	2279123	58.960	ng/ul	99
80) Fluoranthene	19.081	202	2196519	48.275	ng/ul	99
82) Pyrene	19.445	202	2302592	49.608	ng/ul	100
83) Butylbenzylphthalate	20.357	149	918465	47.363	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.169	252	507970	45.555	ng/ul	94
85) Benzo(a)anthracene	21.233	228	1890840	46.491	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.163	149	1221458	47.874	ng/ul	99
87) Chrysene	21.292	228	1854234	48.659	ng/ul	98
89) Di-n-octyl phthalate	22.257	149	2424477	38.357	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2209081	42.730	ng/ul	100
91) Benzo(k)fluoranthene	23.292	252	2284633	44.935	ng/ul	98
93) Benzo(a)pyrene	24.004	252	1925452	41.640	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.386	276	2618164	49.972	ng/ul	99
95) Dibenzo(a,h)anthracene	27.445	278	2169392	49.845	ng/ul	98
96) Benzo(g,h,i)perylene	28.404	276	2183822	51.675	ng/ul	99

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

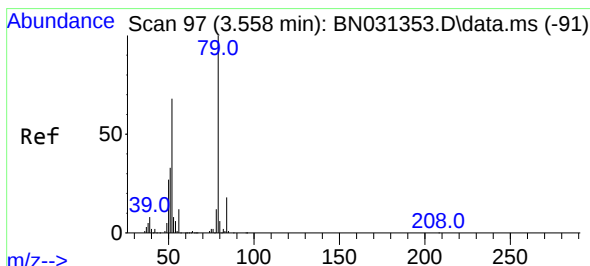
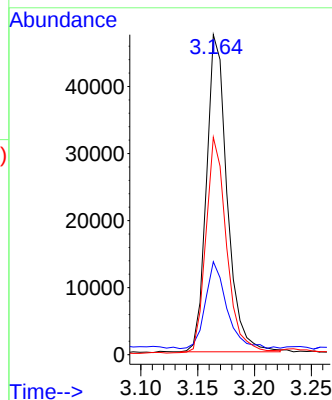
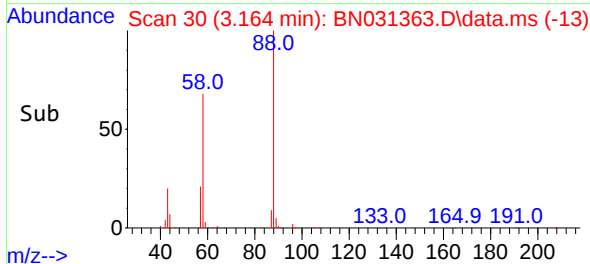


#2
1,4-Dioxane
Concen: 17.818 ng/uL
RT: 3.164 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN031363.D
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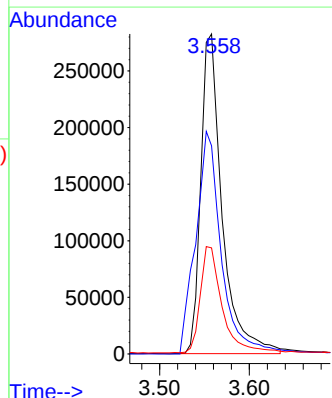
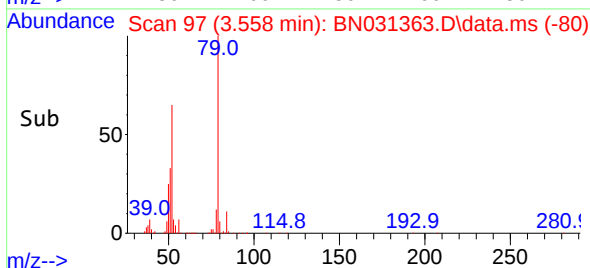
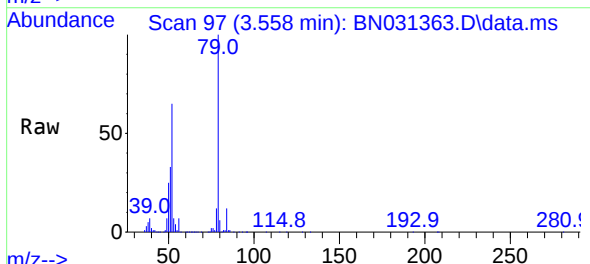


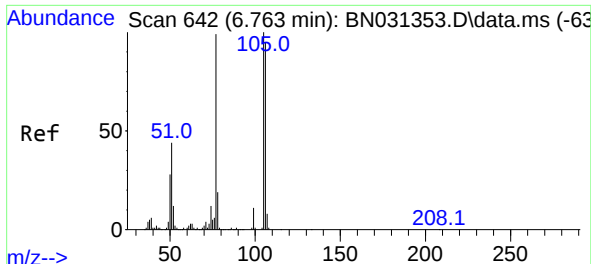
Tgt Ion: 88 Resp: 59919
Ion Ratio Lower Upper
88 100
43 29.1 21.7 32.5
58 68.0 49.1 73.7



#5
Pyridine
Concen: 52.544 ng/uL
RT: 3.558 min Scan# 97
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion: 79 Resp: 467041
Ion Ratio Lower Upper
79 100
52 65.1 58.3 87.5
51 33.1 27.7 41.5

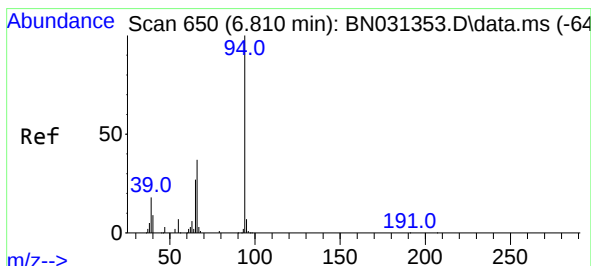
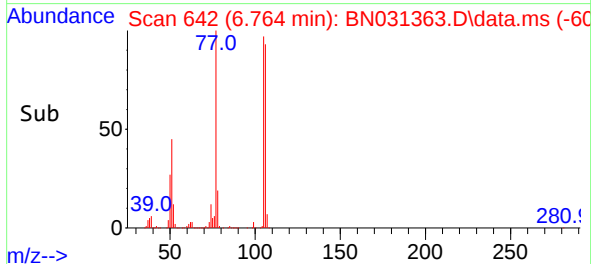
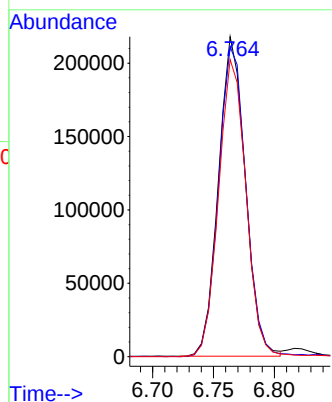
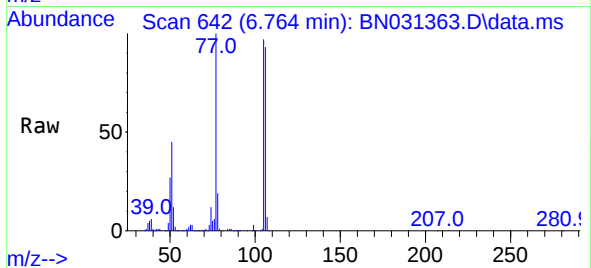




#6
Benzaldehyde
Concen: 57.280 ng/ul
RT: 6.764 min Scan# 642
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

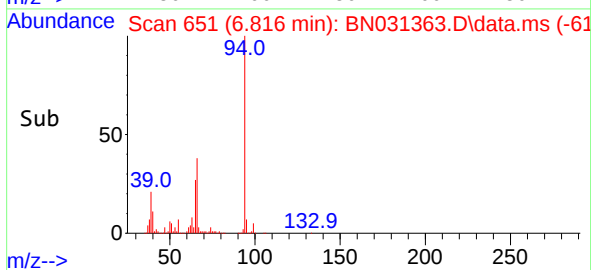
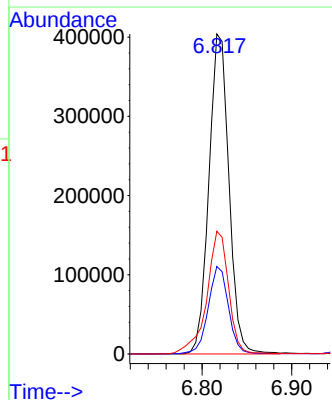
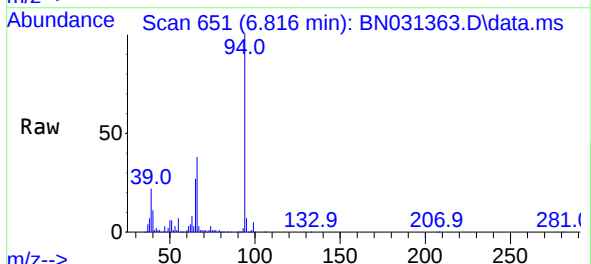
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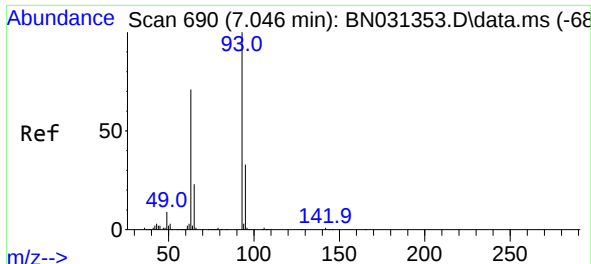
Tgt Ion: 77 Resp: 332910
Ion Ratio Lower Upper
77 100
105 96.9 78.4 117.6
106 92.9 73.2 109.8



#8
Phenol
Concen: 53.340 ng/ul
RT: 6.816 min Scan# 651
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion: 94 Resp: 627553
Ion Ratio Lower Upper
94 100
65 27.4 21.2 31.8
66 38.3 28.9 43.3



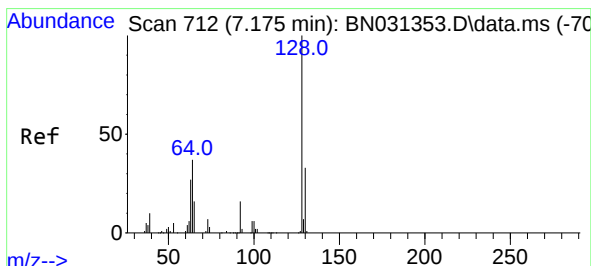
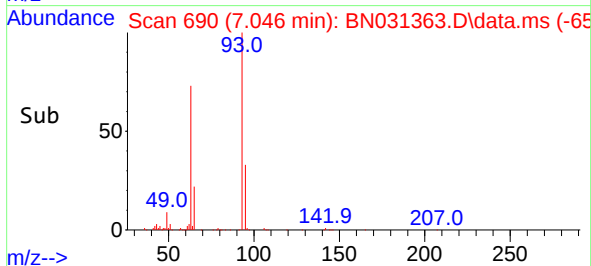
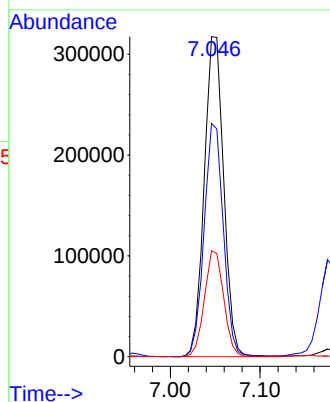
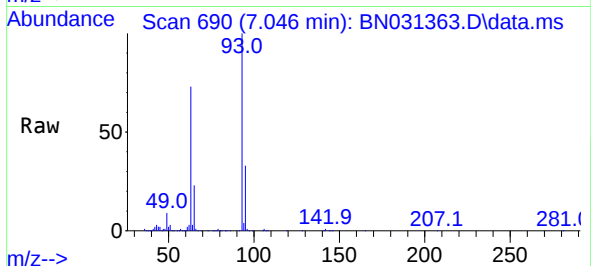


#10
Bis(2-Chloroethyl)ether
Concen: 50.340 ng/ul
RT: 7.046 min Scan# 690
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

Tgt Ion: 93 Resp: 479443

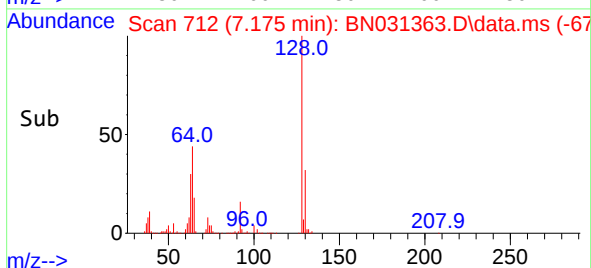
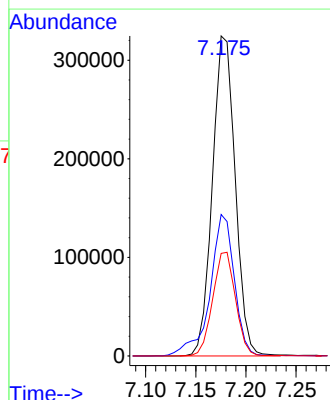
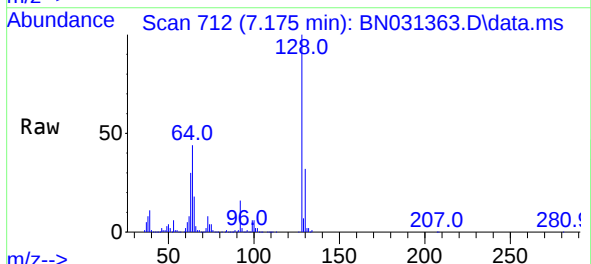
Ion	Ratio	Lower	Upper
93	100		
63	72.9	59.6	89.4
95	33.1	26.5	39.7

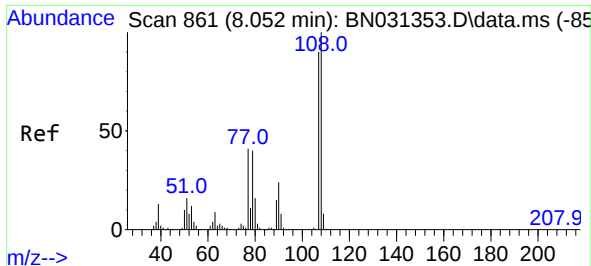


#12
2-Chlorophenol
Concen: 53.189 ng/ul
RT: 7.175 min Scan# 712
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion: 128 Resp: 512136

Ion	Ratio	Lower	Upper
128	100		
64	44.2	35.8	53.6
130	32.0	27.0	40.4

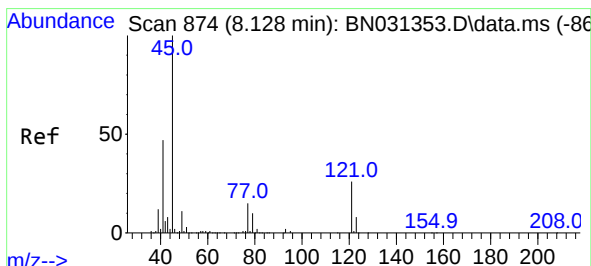
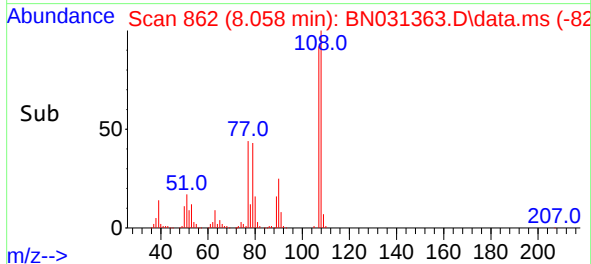
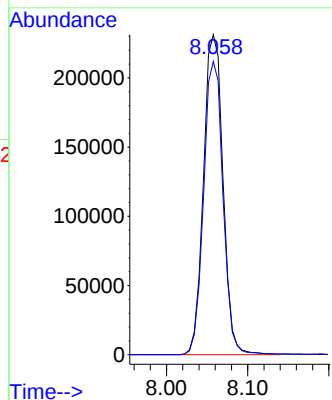
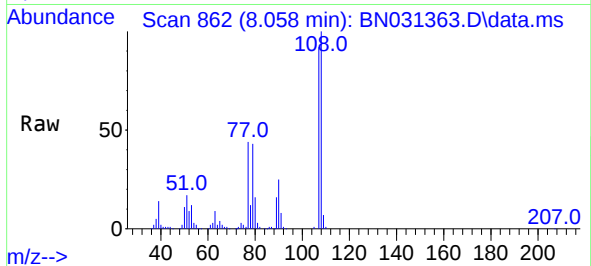




#13
2-Methylphenol
Concen: 42.114 ng/ul
RT: 8.058 min Scan# 80
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

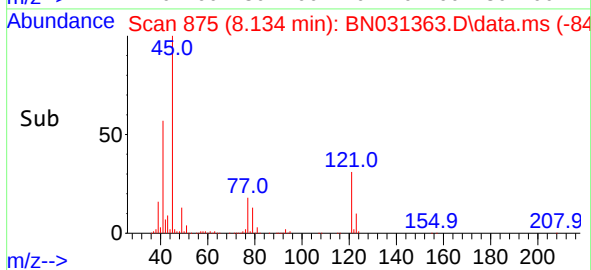
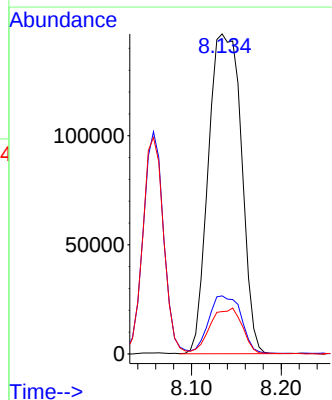
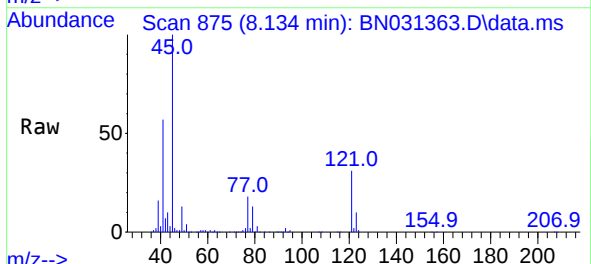
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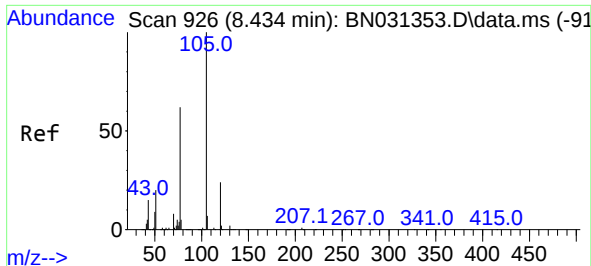
Tgt Ion:108 Resp: 384810
Ion Ratio Lower Upper
108 100
107 91.6 72.3 108.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.747 ng/ul
RT: 8.134 min Scan# 875
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion: 45 Resp: 373851
Ion Ratio Lower Upper
45 100
77 18.2 12.6 19.0
79 13.3 9.5 14.3

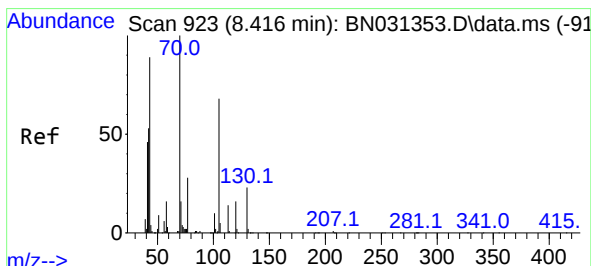
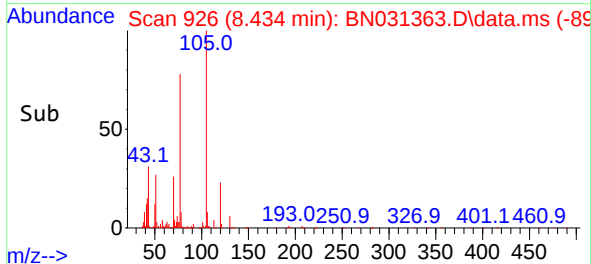
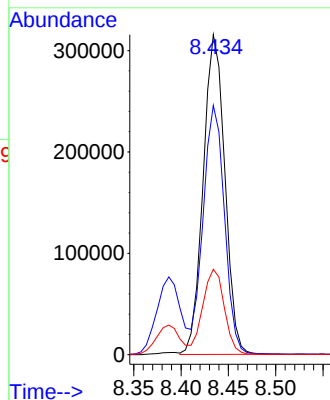
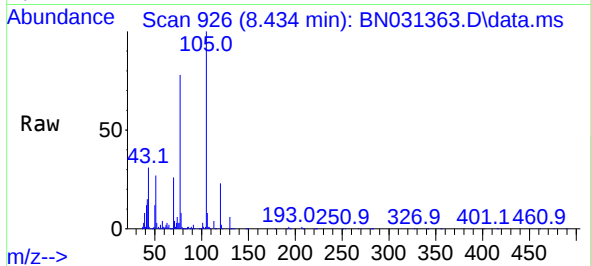




#16
Acetophenone
Concen: 35.280 ng/ul
RT: 8.434 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

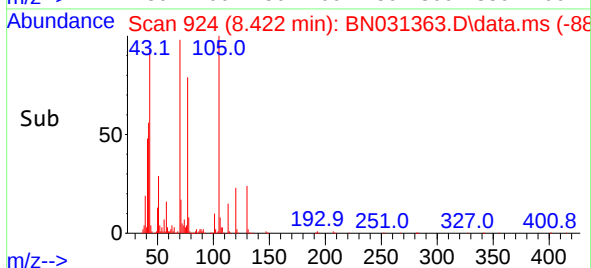
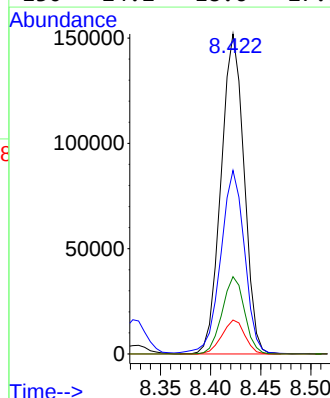
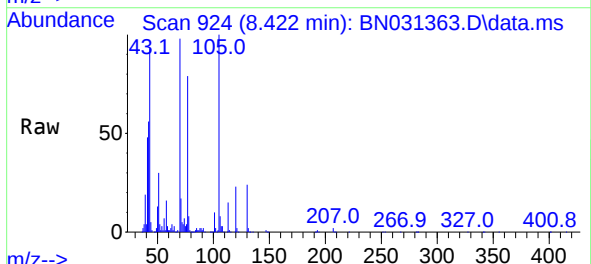
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ClientSampleId :
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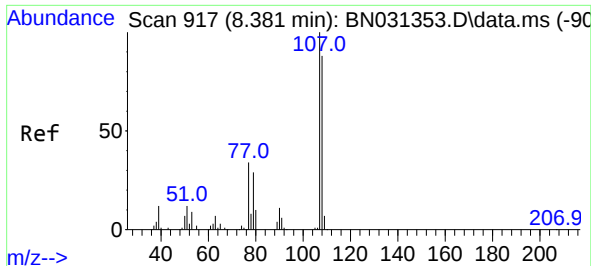
Tgt Ion:105 Resp: 503201
Ion Ratio Lower Upper
105 100
77 77.9 62.0 93.0
51 26.7 20.6 30.8



#17
N-Nitroso-di-n-propylamine
Concen: 32.410 ng/ul
RT: 8.422 min Scan# 924
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion: 70 Resp: 242698
Ion Ratio Lower Upper
70 100
42 57.4 44.7 67.1
101 10.6 8.5 12.7
130 24.2 18.6 27.8

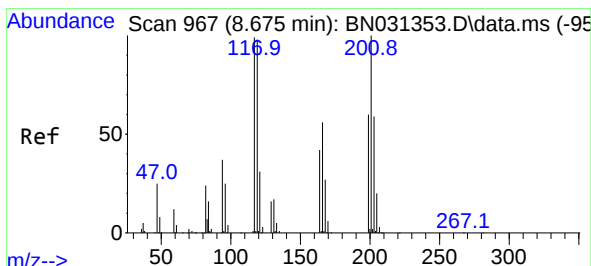
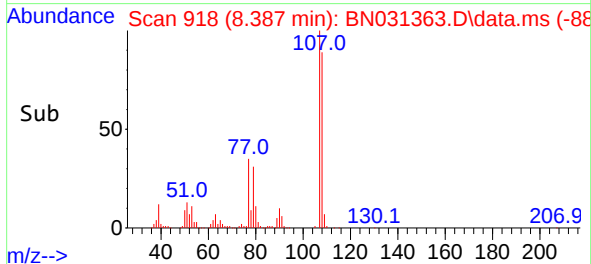
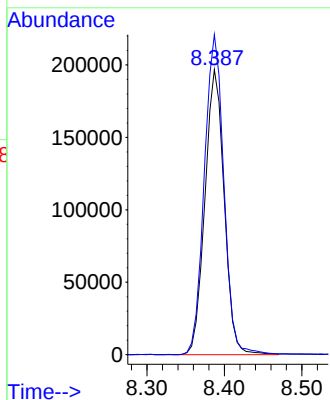
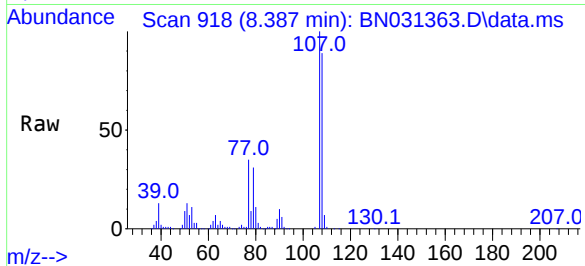




#18
4-Methylphenol
Concen: 34.051 ng/ul
RT: 8.387 min Scan# 917
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

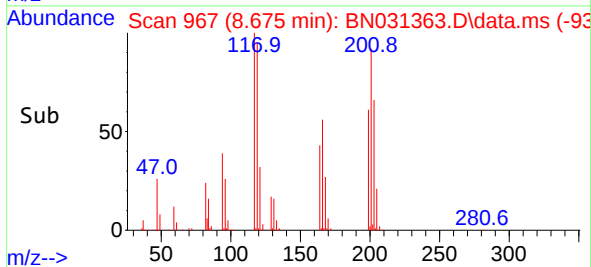
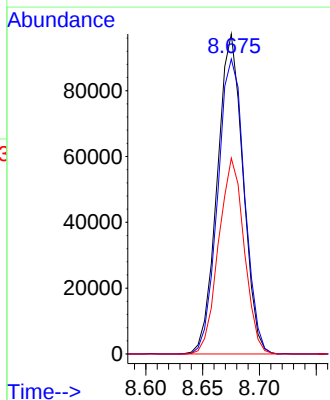
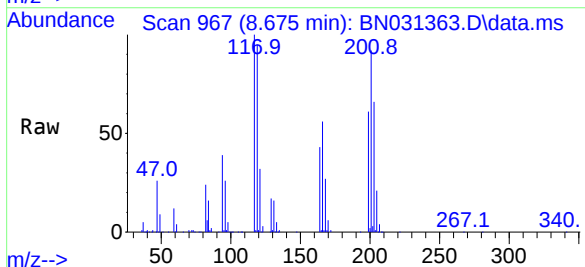
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

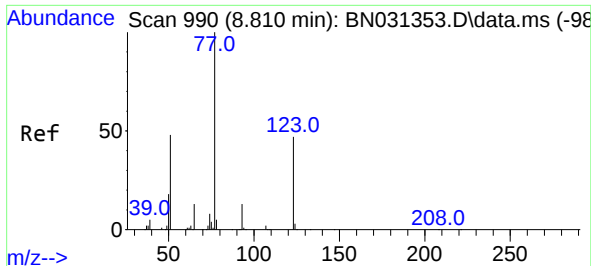
Tgt Ion:108 Resp: 340542
Ion Ratio Lower Upper
108 100
107 112.3 86.4 129.6



#19
Hexachloroethane
Concen: 39.427 ng/ul
RT: 8.675 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

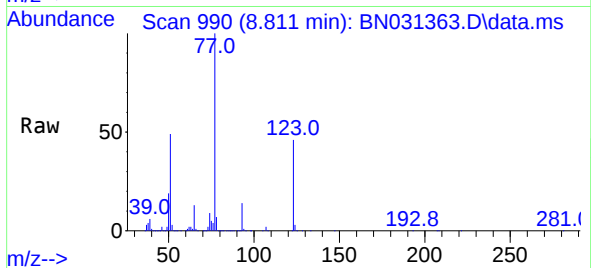
Tgt Ion:117 Resp: 153605
Ion Ratio Lower Upper
117 100
201 92.1 76.3 114.5
199 61.2 49.6 74.4



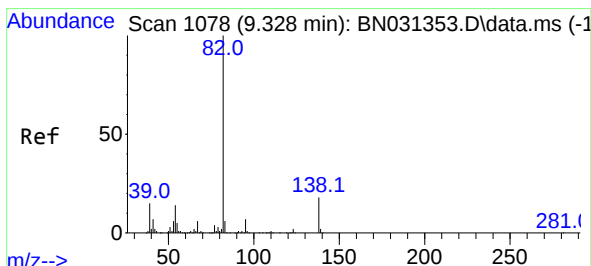
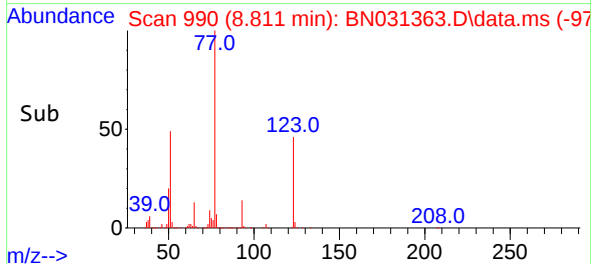
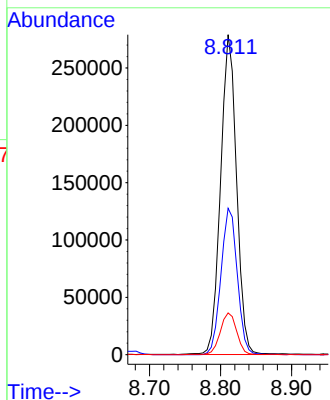


#22
Nitrobenzene
Concen: 37.446 ng/ul
RT: 8.811 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

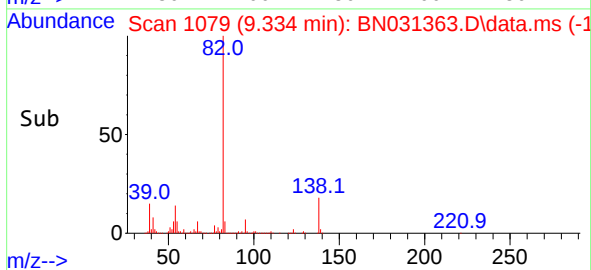
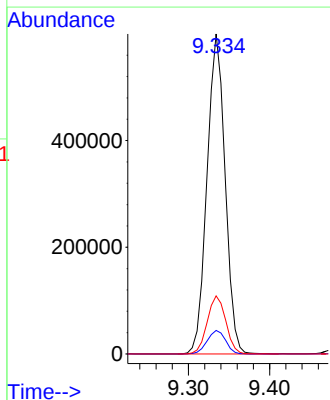
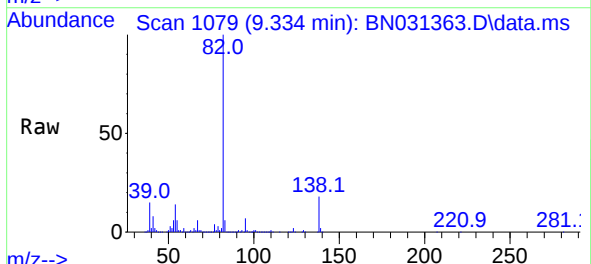


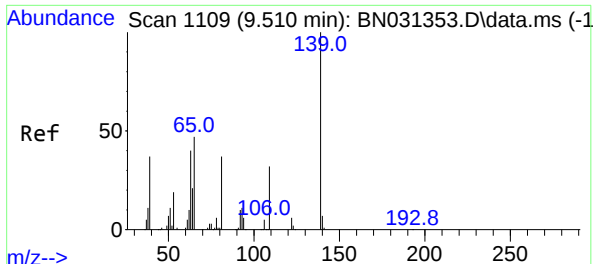
Tgt Ion: 77 Resp: 433927
Ion Ratio Lower Upper
77 100
123 45.8 37.3 55.9
65 13.1 10.8 16.2



#23
Isophorone
Concen: 41.074 ng/ul
RT: 9.334 min Scan# 1079
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion: 82 Resp: 928792
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 18.2 14.8 22.2

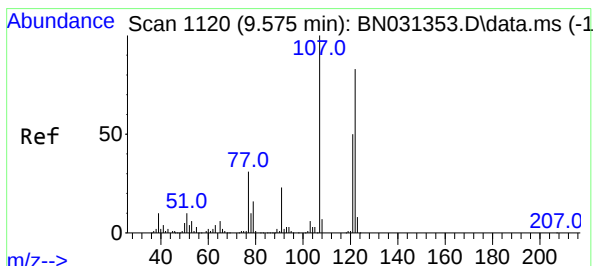
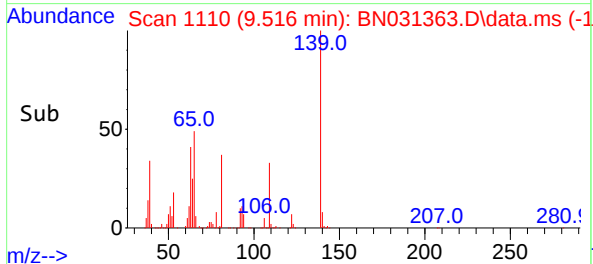
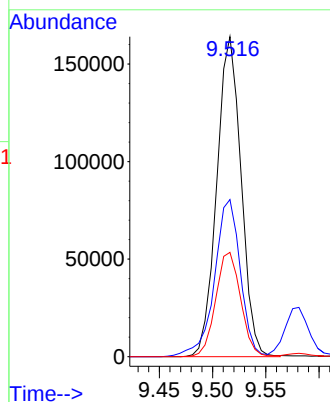
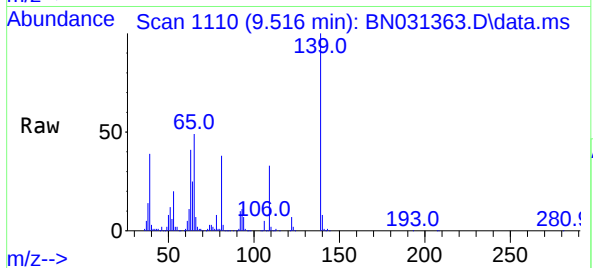




#25
2-Nitrophenol
Concen: 44.937 ng/ul
RT: 9.516 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

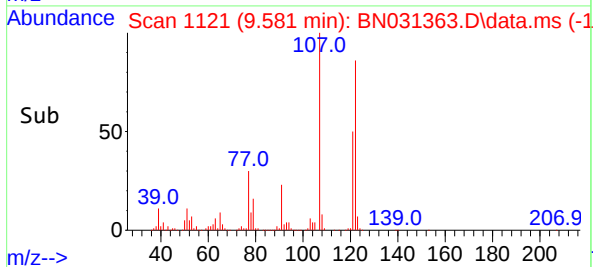
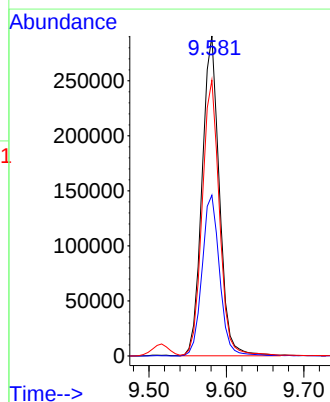
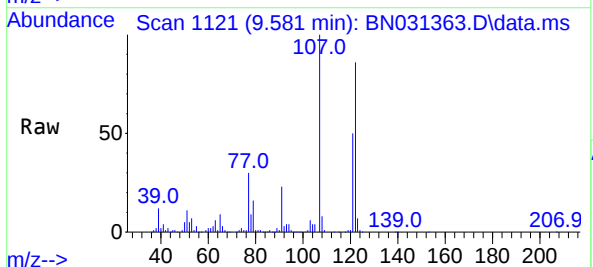
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

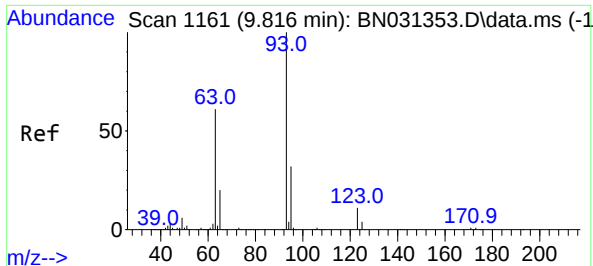
Tgt Ion:139 Resp: 260563
Ion Ratio Lower Upper
139 100
65 49.1 39.5 59.3
109 32.6 25.4 38.2



#26
2,4-Dimethylphenol
Concen: 41.233 ng/ul
RT: 9.581 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:107 Resp: 449418
Ion Ratio Lower Upper
107 100
121 50.3 41.4 62.2
122 86.2 67.8 101.6

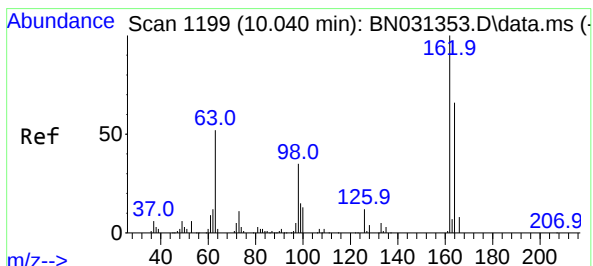
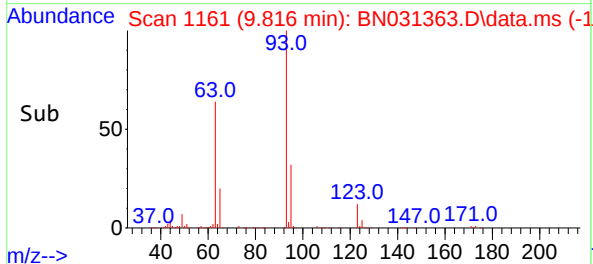
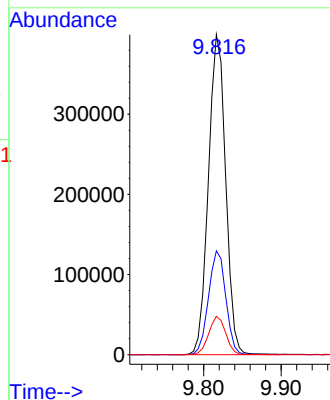
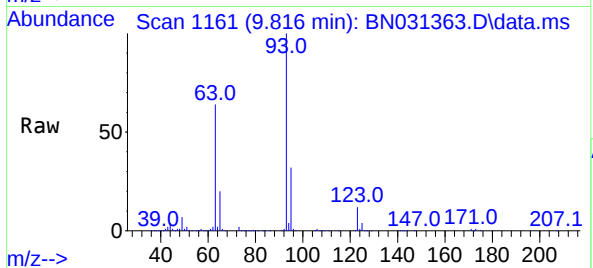




#27
 Bis(2-Chloroethoxy)methane
 Concen: 43.400 ng/ul
 RT: 9.816 min Scan# 1161
 Delta R.T. 0.000 min
 Lab File: BN031363.D
 Acq: 02 May 2024 01:09

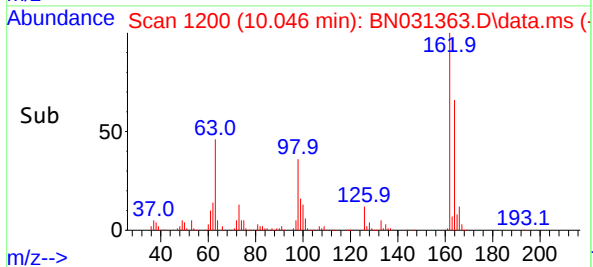
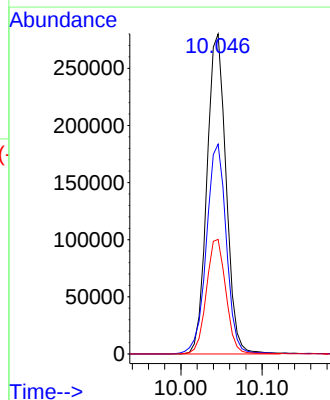
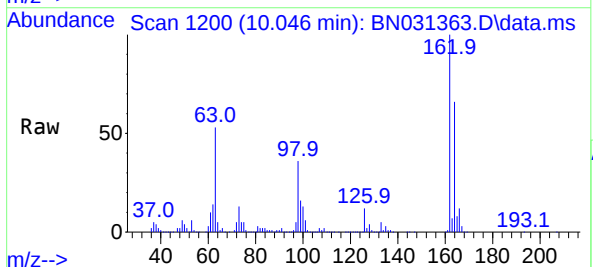
Instrument :
 BNA_N
 ClientSampleId :
 C0AC7MSD

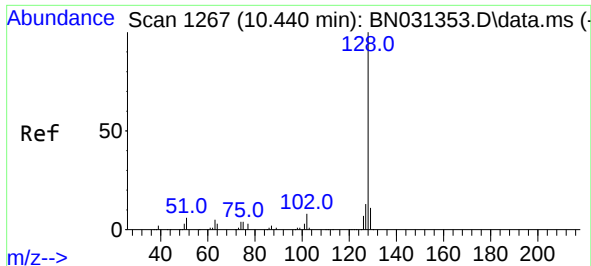
Tgt Ion: 93 Resp: 617281
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.9 38.9
 123 12.0 9.4 14.0



#29
 2,4-Dichlorophenol
 Concen: 47.087 ng/ul
 RT: 10.046 min Scan# 1200
 Delta R.T. 0.006 min
 Lab File: BN031363.D
 Acq: 02 May 2024 01:09

Tgt Ion: 162 Resp: 458823
 Ion Ratio Lower Upper
 162 100
 164 65.6 52.6 78.8
 98 35.8 29.5 44.3

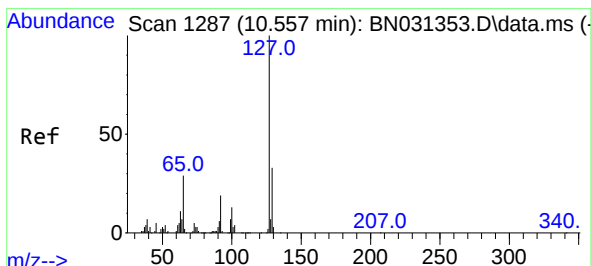
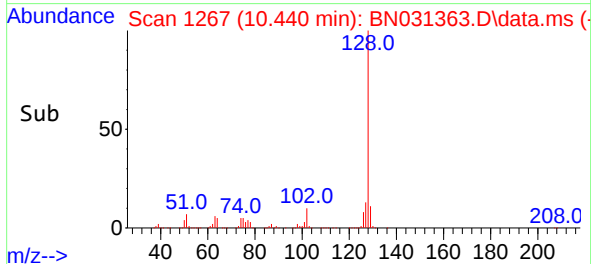
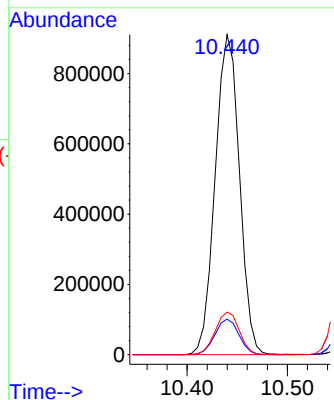
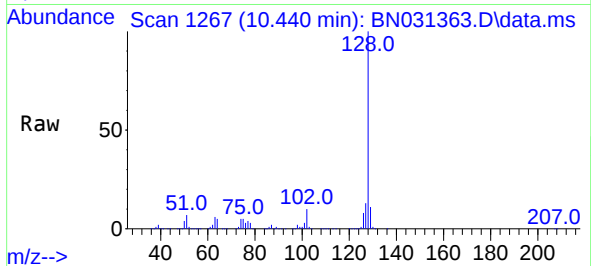




#30
Naphthalene
Concen: 45.302 ng/ul
RT: 10.440 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

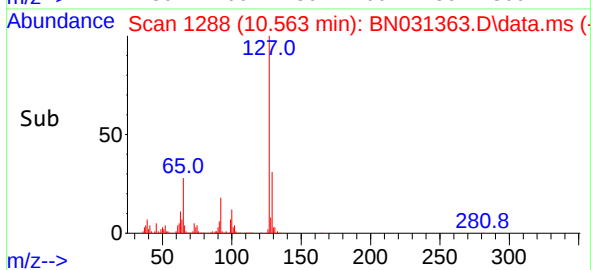
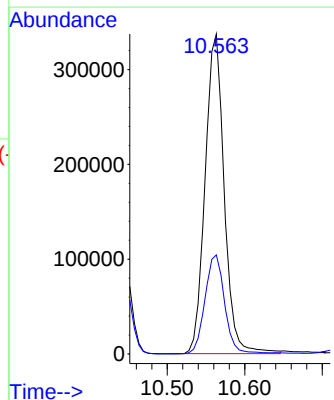
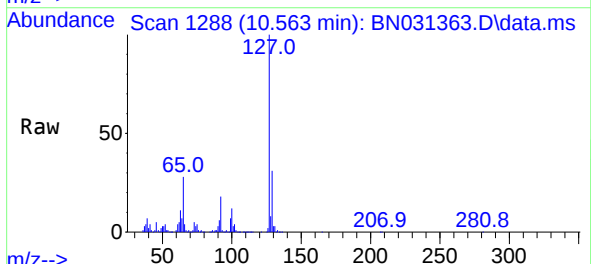
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

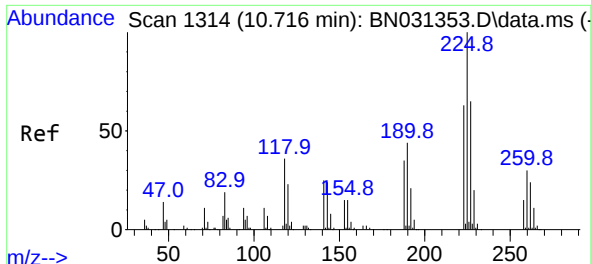
Tgt Ion:128 Resp: 1525472
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.3 10.7 16.1



#32
4-Chloroaniline
Concen: 42.158 ng/ul
RT: 10.563 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:127 Resp: 577363
Ion Ratio Lower Upper
127 100
129 30.9 26.8 40.2

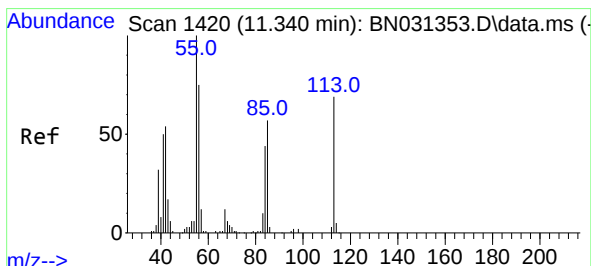
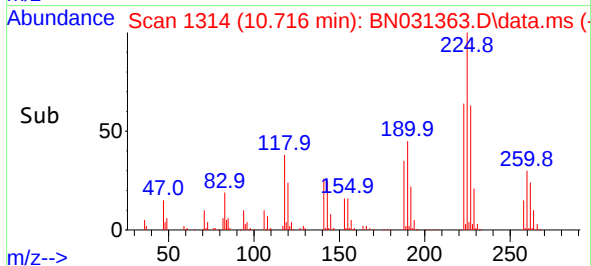
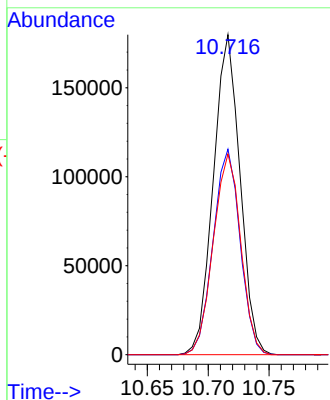
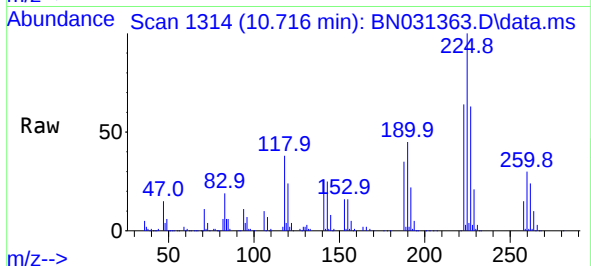




#33
Hexachlorobutadiene
Concen: 47.551 ng/ul
RT: 10.716 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

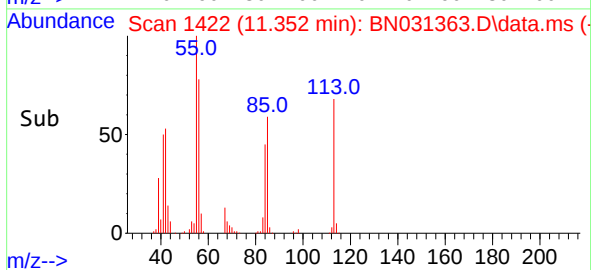
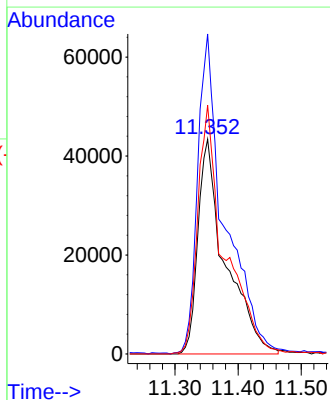
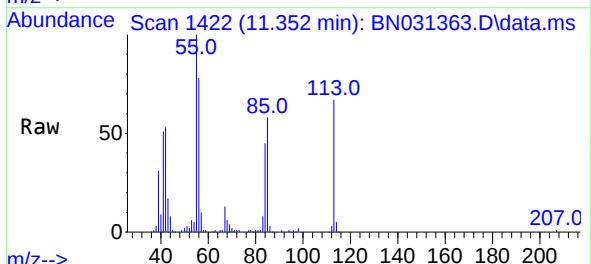
Instrument :
BNA_N
ClientSampleId :
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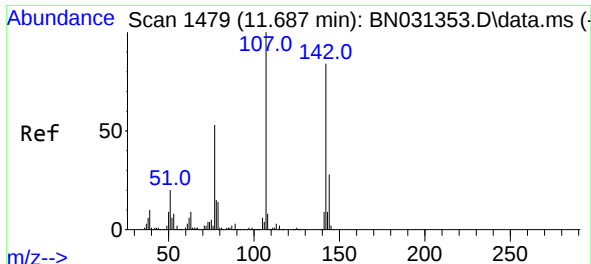
Tgt Ion:225 Resp: 273892
Ion Ratio Lower Upper
225 100
223 64.2 50.6 75.8
227 62.7 51.7 77.5



#34
Caprolactam
Concen: 37.483 ng/ul
RT: 11.352 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:113 Resp: 130467
Ion Ratio Lower Upper
113 100
55 149.0 119.9 179.9
56 115.9 89.6 134.4

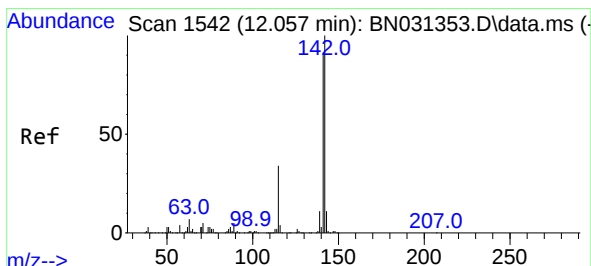
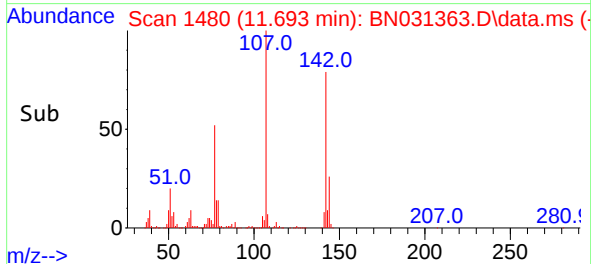
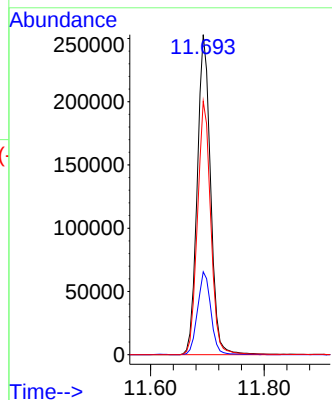
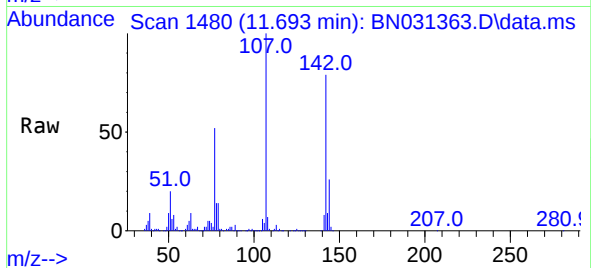




#35
4-Chloro-3-methylphenol
Concen: 36.950 ng/ul
RT: 11.693 min Scan# 1479
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

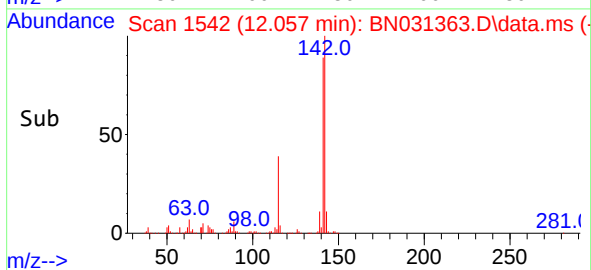
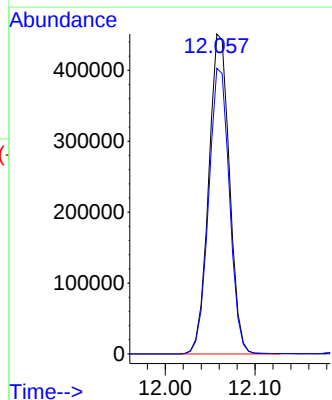
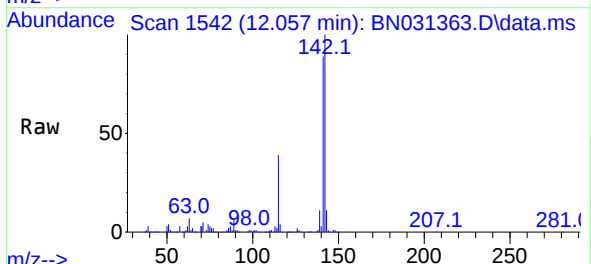
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

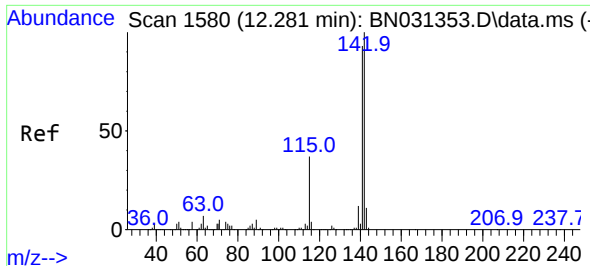
Tgt Ion:107 Resp: 413542
Ion Ratio Lower Upper
107 100
144 25.9 20.7 31.1
142 79.2 66.4 99.6



#36
2-Methylnaphthalene
Concen: 31.053 ng/ul
RT: 12.057 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:142 Resp: 724996
Ion Ratio Lower Upper
142 100
141 89.3 75.0 112.4

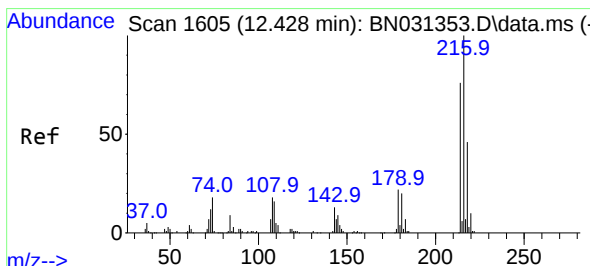
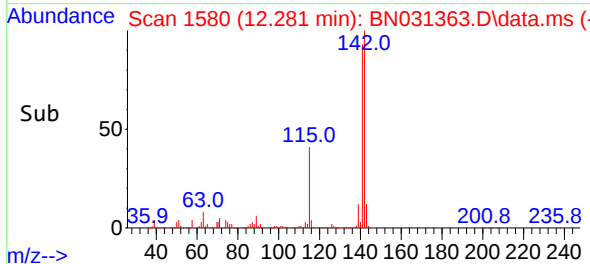
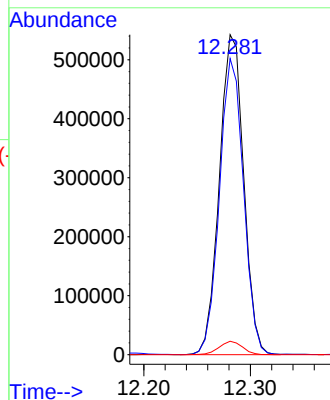
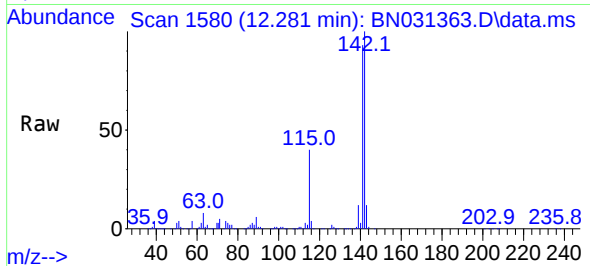




#37
1-Methylnaphthalene
Concen: 36.351 ng/ul
RT: 12.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

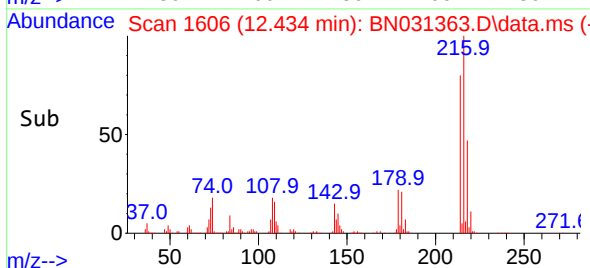
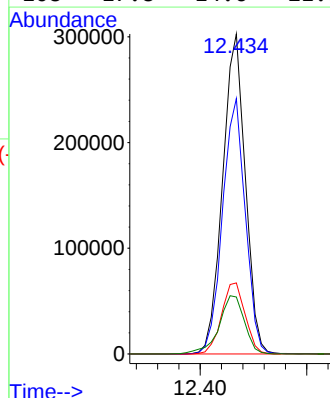
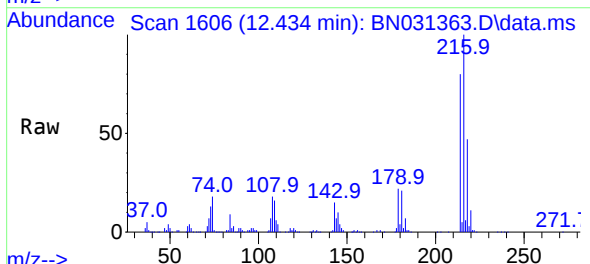
Instrument :
BNA_N
ClientSampleId :
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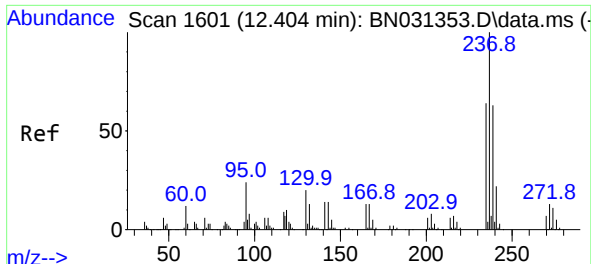
Tgt Ion:142 Resp: 858498
Ion Ratio Lower Upper
142 100
141 92.5 72.5 108.7
116 4.2 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.830 ng/ul
RT: 12.434 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:216 Resp: 447834
Ion Ratio Lower Upper
216 100
214 79.8 64.5 96.7
179 22.2 17.1 25.7
108 17.8 14.6 21.8

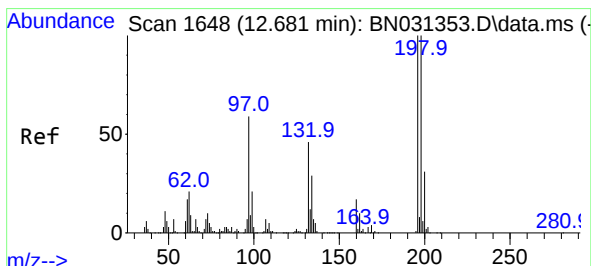
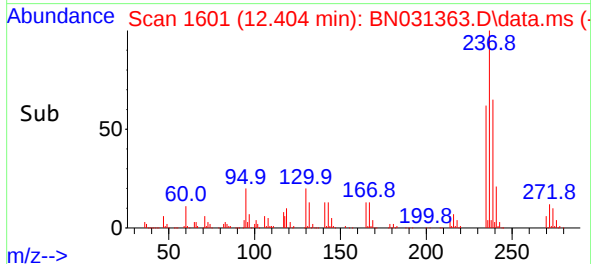
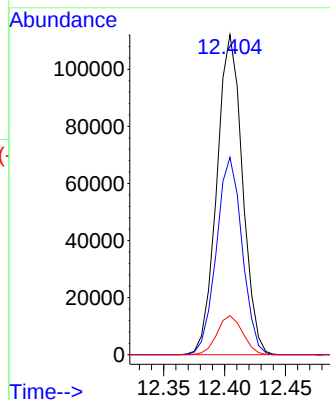
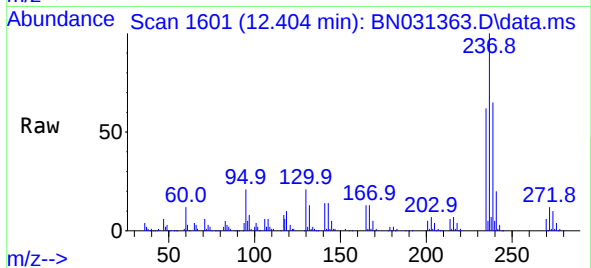




#40
Hexachlorocyclopentadiene
Concen: 28.148 ng/ul
RT: 12.404 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

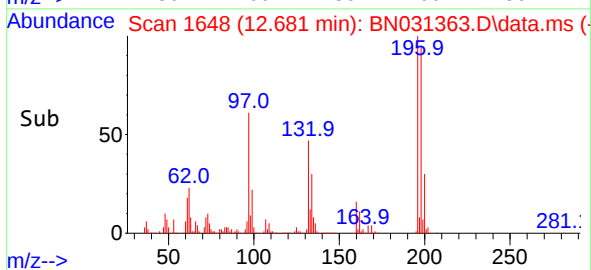
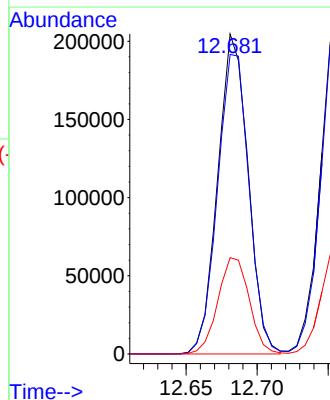
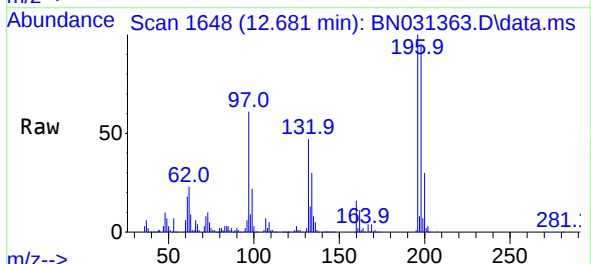
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

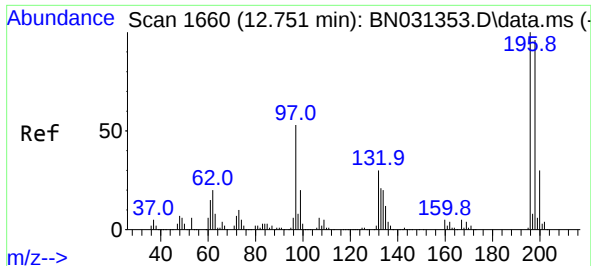
Tgt Ion:237 Resp: 164746
Ion Ratio Lower Upper
237 100
235 61.7 52.2 78.2
272 12.2 9.3 13.9



#41
2,4,6-Trichlorophenol
Concen: 42.368 ng/ul
RT: 12.681 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:196 Resp: 304560
Ion Ratio Lower Upper
196 100
198 93.6 75.1 112.7
200 30.1 24.2 36.4

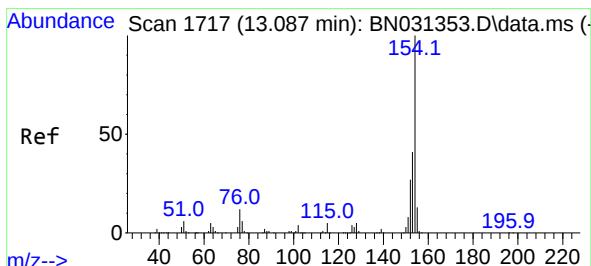
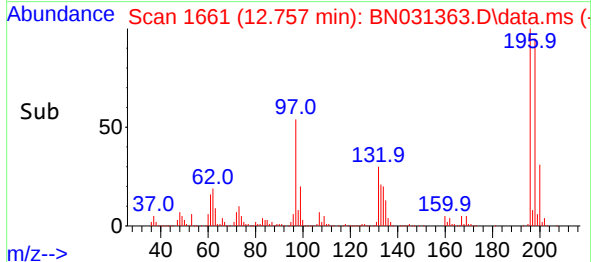
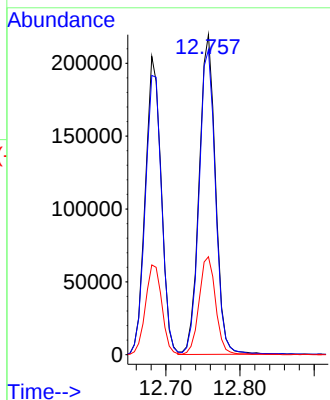
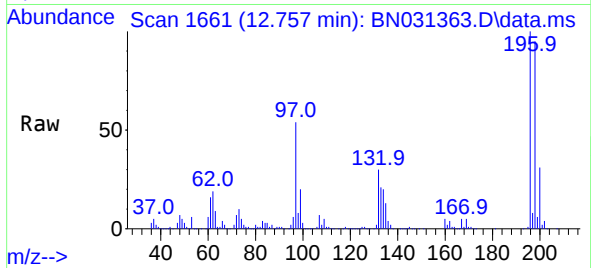




#42
2,4,5-Trichlorophenol
Concen: 42.784 ng/ul
RT: 12.757 min Scan# 1661
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

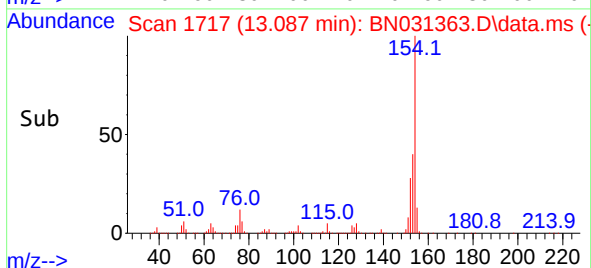
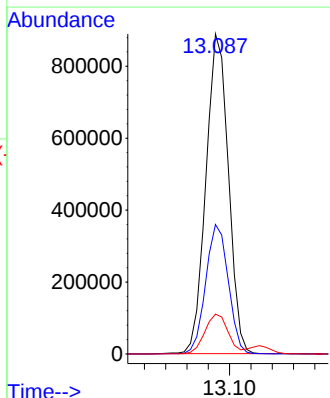
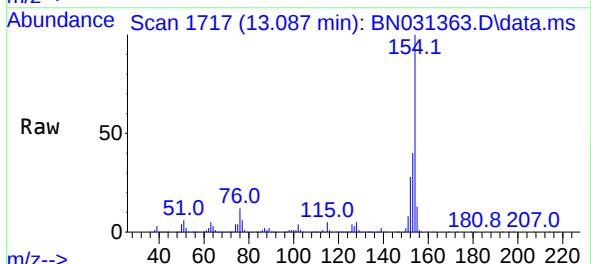
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

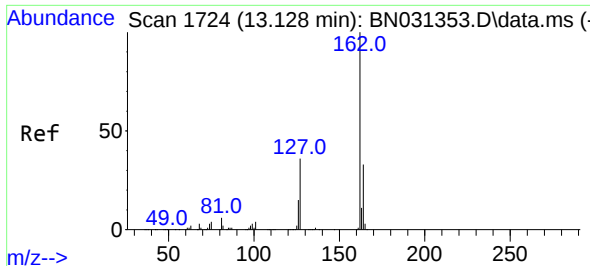
Tgt Ion:196 Resp: 335412
Ion Ratio Lower Upper
196 100
198 95.3 79.4 119.2
200 30.6 26.6 40.0



#43
1,1'-Biphenyl
Concen: 47.255 ng/ul
RT: 13.087 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:154 Resp: 1300268
Ion Ratio Lower Upper
154 100
153 40.4 30.7 46.1
76 12.5 9.8 14.8

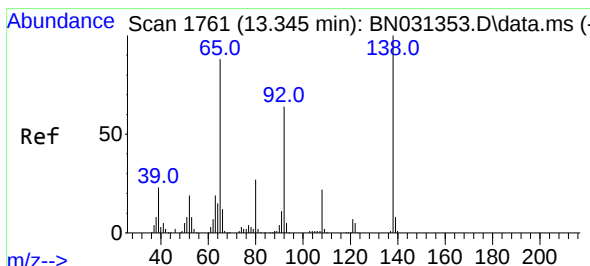
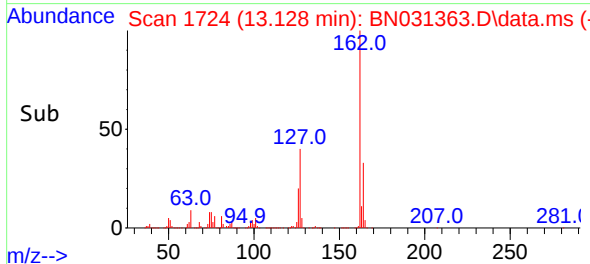
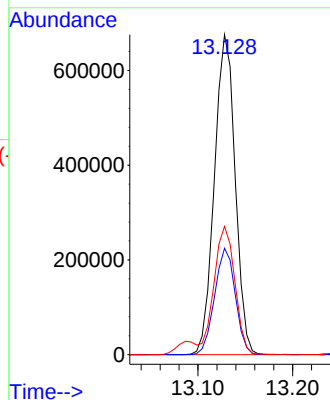
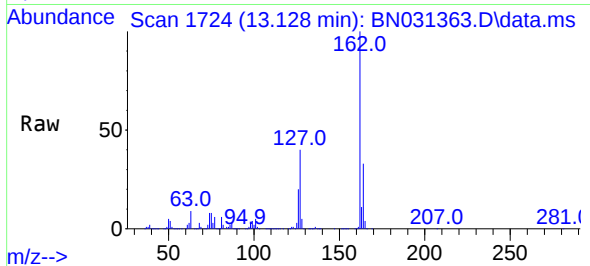




#44
2-Chloronaphthalene
Concen: 47.374 ng/ul
RT: 13.128 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

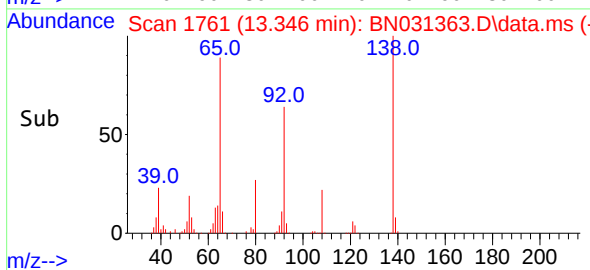
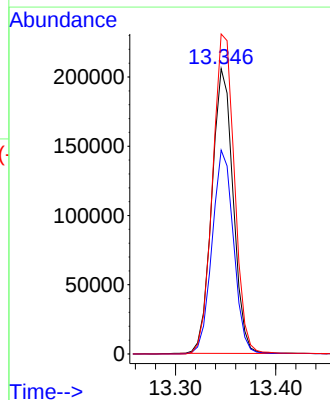
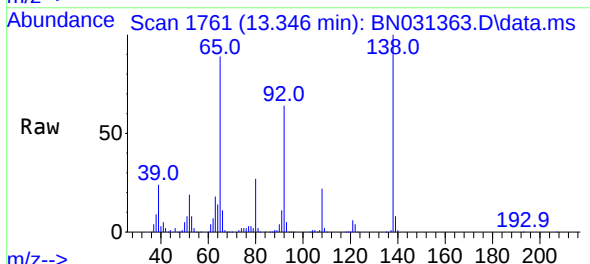
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

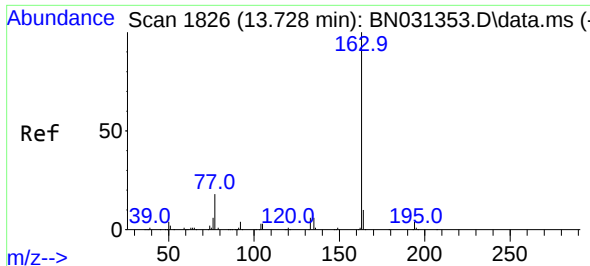
Tgt Ion:162 Resp: 1029492
Ion Ratio Lower Upper
162 100
164 33.3 26.0 39.0
127 40.1 32.5 48.7



#45
2-Nitroaniline
Concen: 49.290 ng/ul
RT: 13.346 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion: 65 Resp: 303404
Ion Ratio Lower Upper
65 100
92 71.5 58.5 87.7
138 112.2 90.6 136.0

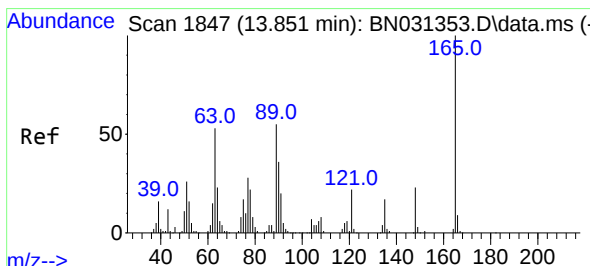
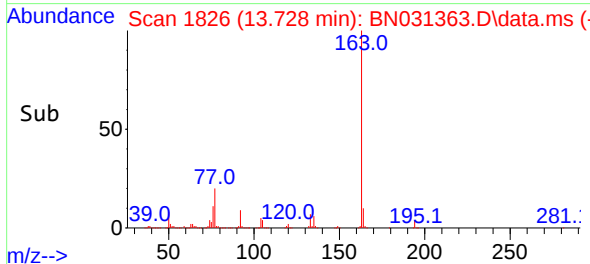
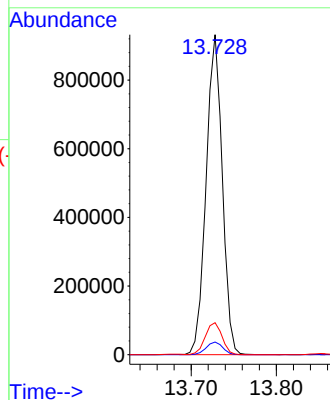
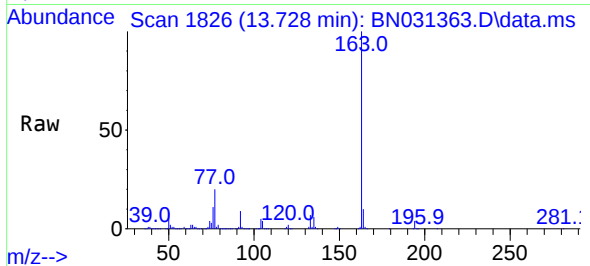




#47
Dimethylphthalate
Concen: 44.836 ng/ul
RT: 13.728 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

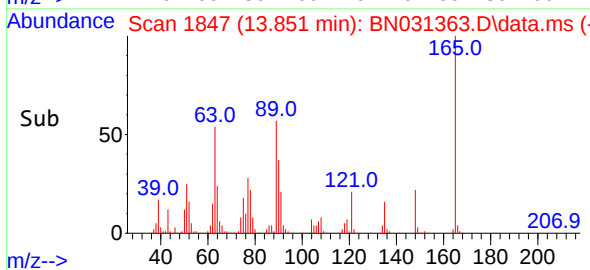
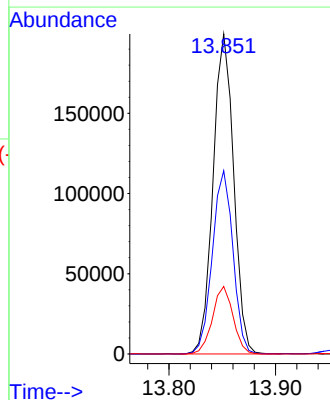
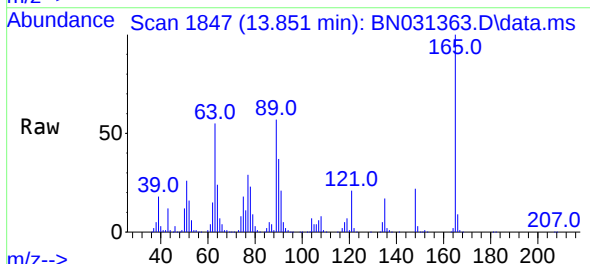
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

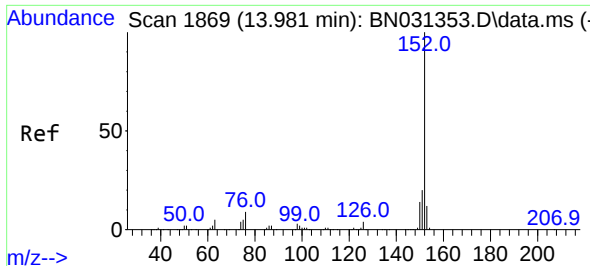
Tgt Ion:163 Resp: 1226967
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 50.177 ng/ul
RT: 13.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

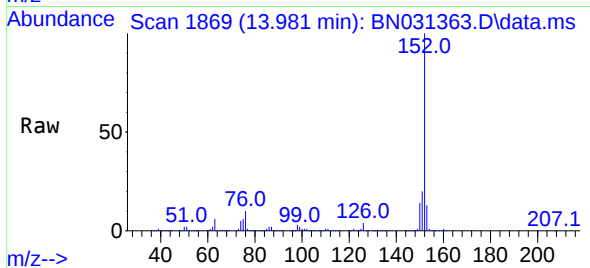
Tgt Ion:165 Resp: 267934
Ion Ratio Lower Upper
165 100
89 57.3 45.9 68.9
121 21.1 17.9 26.9



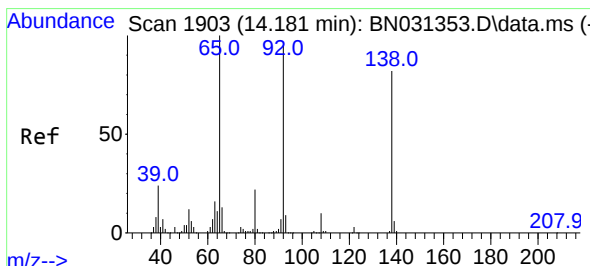
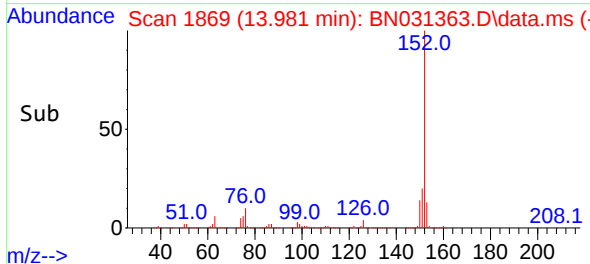
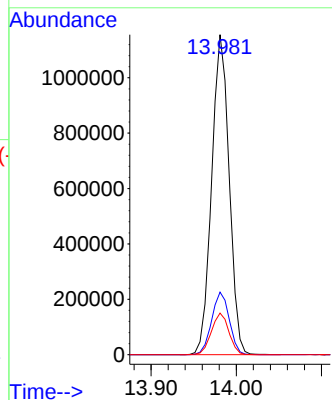


#50
Acenaphthylene
Concen: 46.799 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

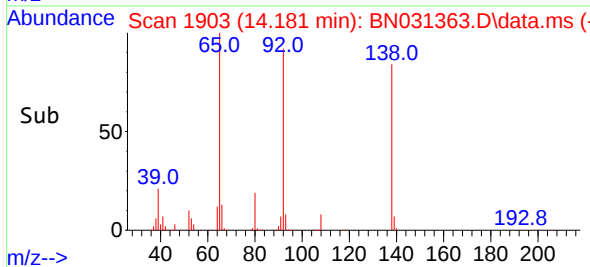
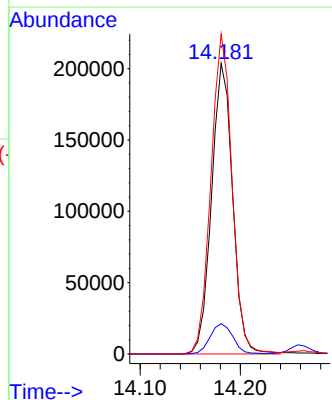
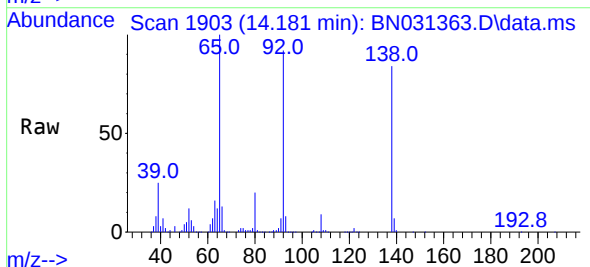


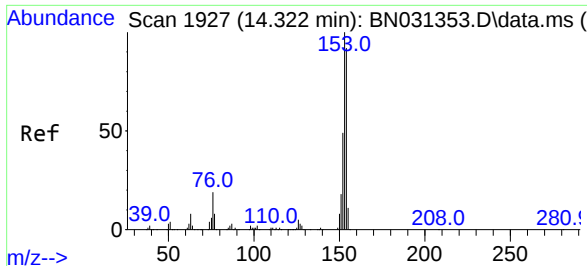
Tgt Ion:152 Resp: 1650370
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5
153 13.0 10.6 15.8



#51
3-Nitroaniline
Concen: 51.786 ng/ul
RT: 14.181 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:138 Resp: 297807
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.2
92 110.2 91.4 137.0

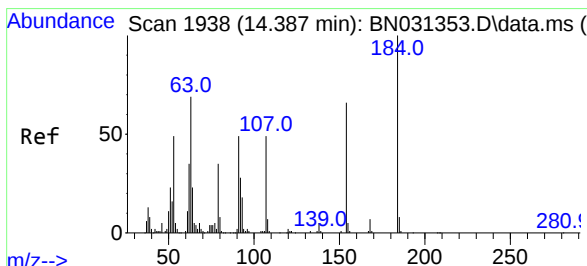
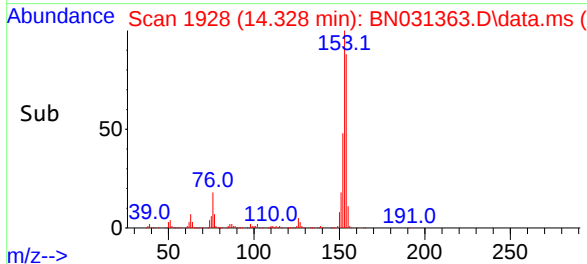
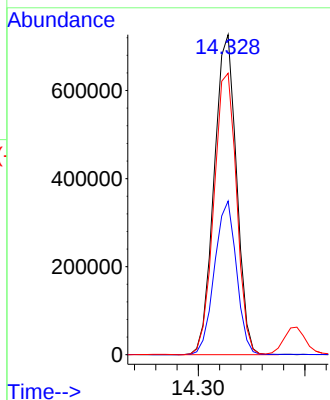
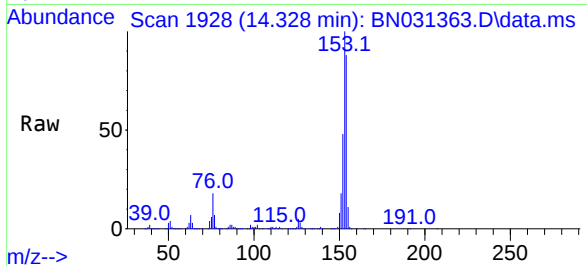




#52
Acenaphthene
Concen: 45.324 ng/ul
RT: 14.328 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

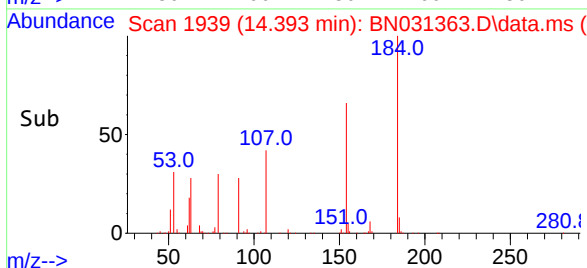
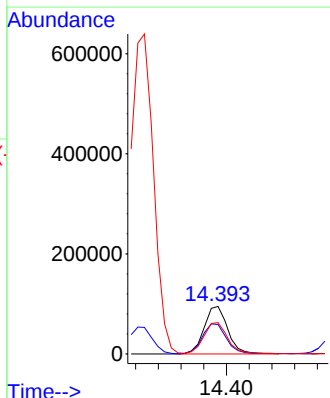
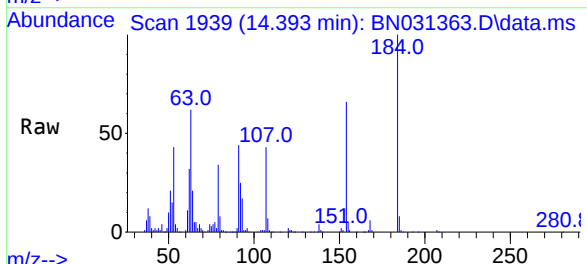
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

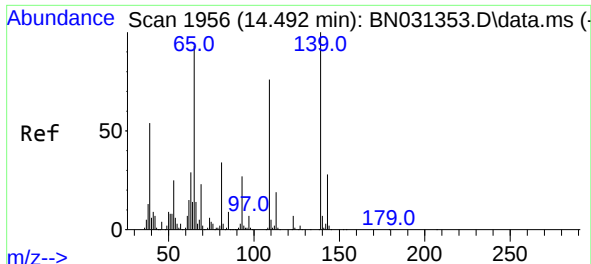
Tgt Ion:153 Resp: 1060301
Ion Ratio Lower Upper
153 100
152 48.0 38.3 57.5
154 88.0 70.7 106.1



#53
2,4-Dinitrophenol
Concen: 44.910 ng/ul
RT: 14.393 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:184 Resp: 137045
Ion Ratio Lower Upper
184 100
63 61.9 58.6 87.8
154 65.9 60.8 91.2

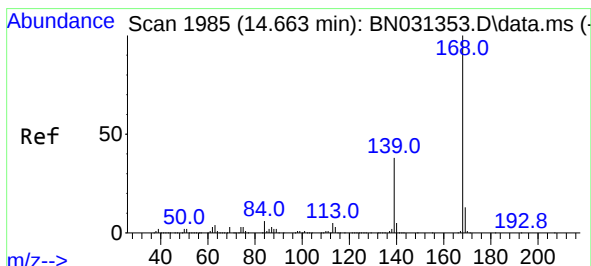
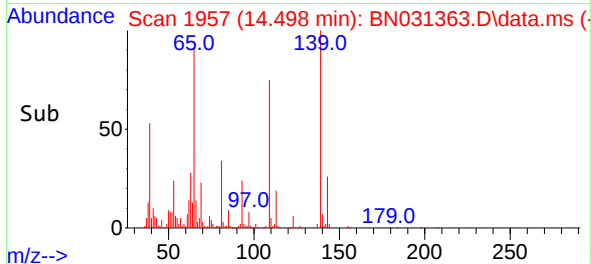
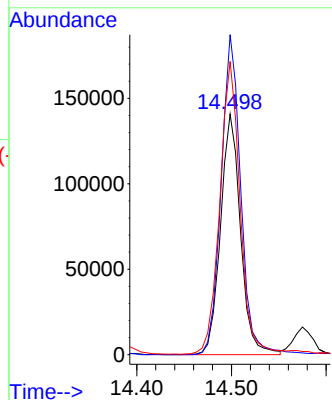
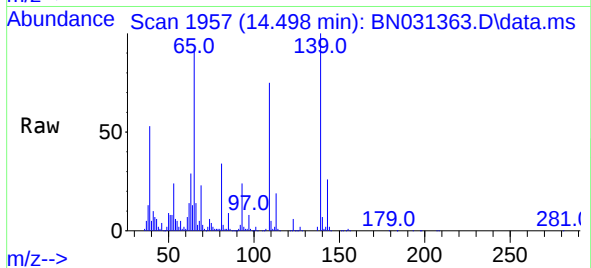




#55
4-Nitrophenol
Concen: 53.286 ng/ul
RT: 14.498 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

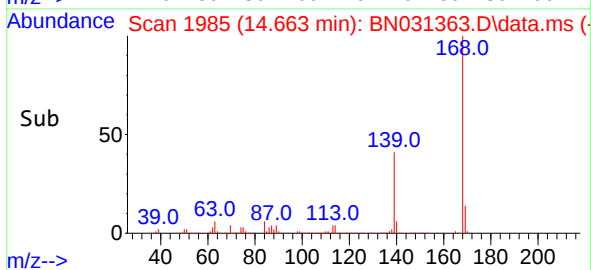
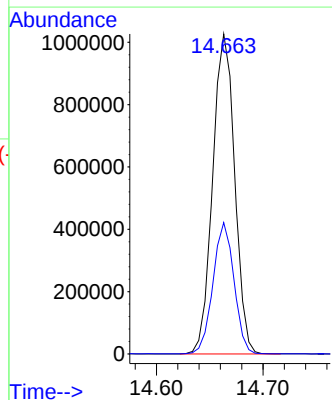
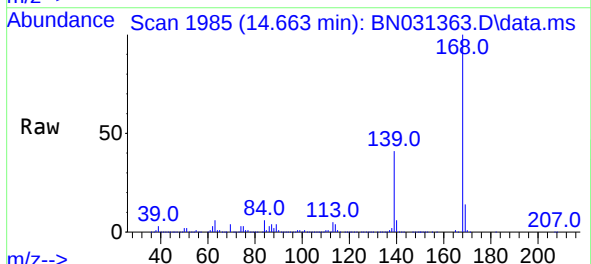
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

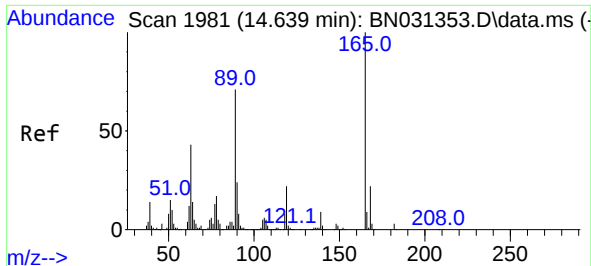
Tgt Ion:109 Resp: 206788
Ion Ratio Lower Upper
109 100
139 133.0 106.2 159.2
65 121.9 99.9 149.9



#56
Dibenzofuran
Concen: 46.389 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:168 Resp: 1473637
Ion Ratio Lower Upper
168 100
139 41.1 29.7 44.5

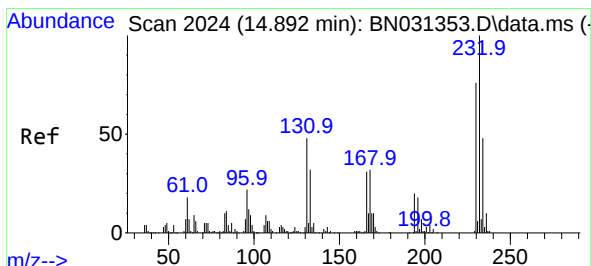
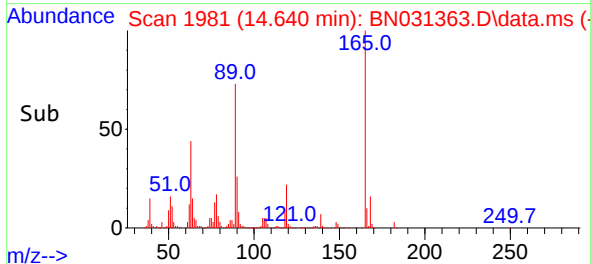
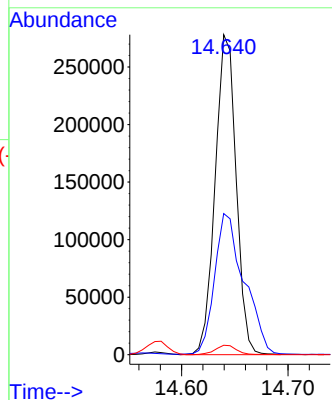
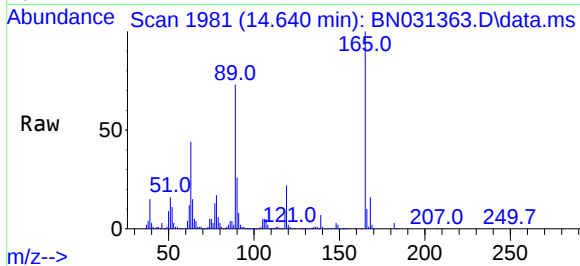




#57
2,4-Dinitrotoluene
Concen: 48.576 ng/ul
RT: 14.640 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

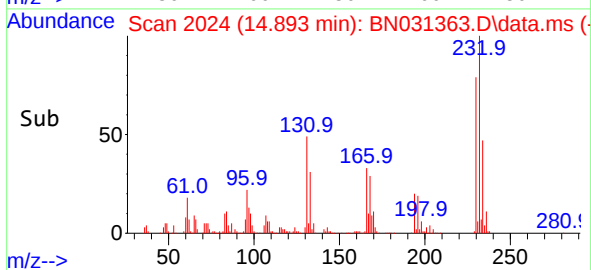
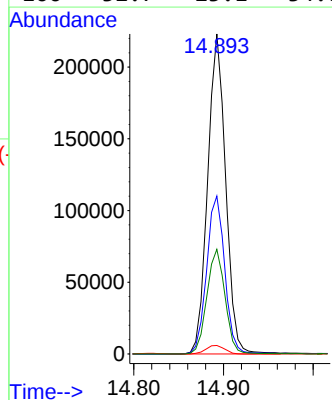
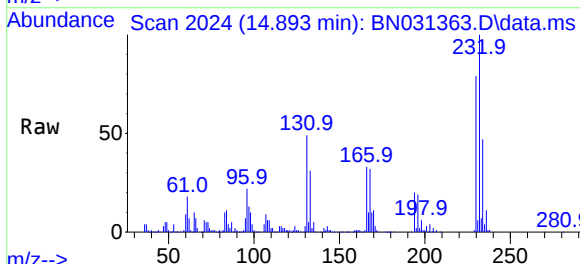
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

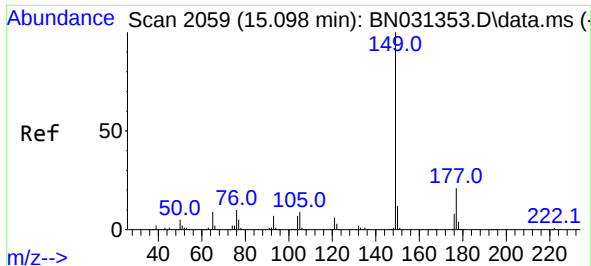
Tgt Ion:165 Resp: 380411
Ion Ratio Lower Upper
165 100
63 44.1 34.0 51.0
182 3.0 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 47.394 ng/ul
RT: 14.893 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

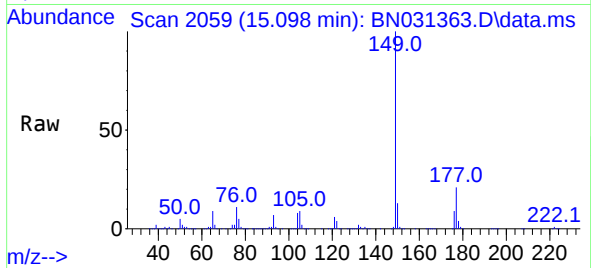
Tgt Ion:232 Resp: 310560
Ion Ratio Lower Upper
232 100
131 49.4 35.9 53.9
130 2.7 1.9 2.9
166 32.7 23.1 34.7



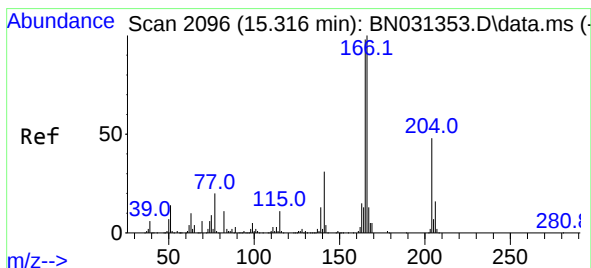
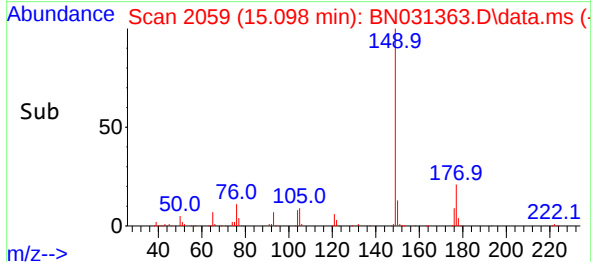
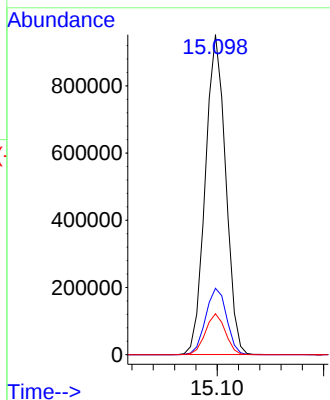


#59
Diethylphthalate
Concen: 45.751 ng/ul
RT: 15.098 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

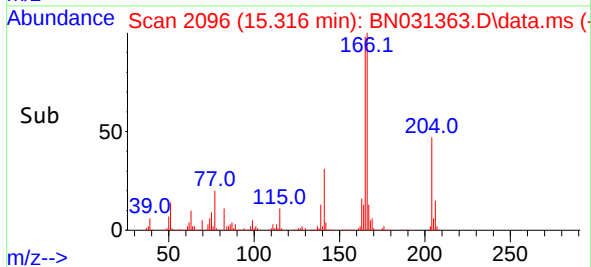
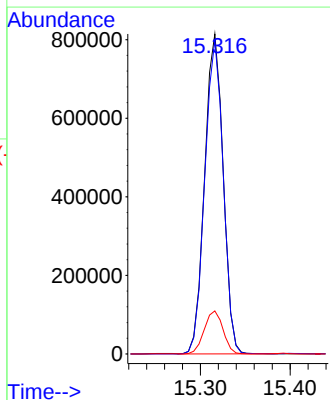
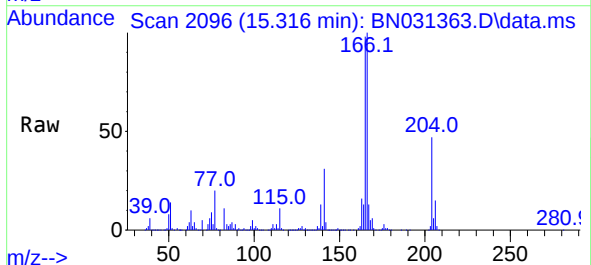


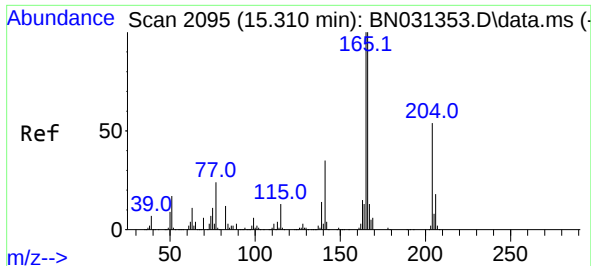
Tgt Ion:149 Resp: 1261845
Ion Ratio Lower Upper
149 100
177 20.8 17.2 25.8
150 12.8 9.4 14.2



#61
Fluorene
Concen: 46.044 ng/ul
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:166 Resp: 1166148
Ion Ratio Lower Upper
166 100
165 98.1 77.9 116.9
167 13.4 10.9 16.3

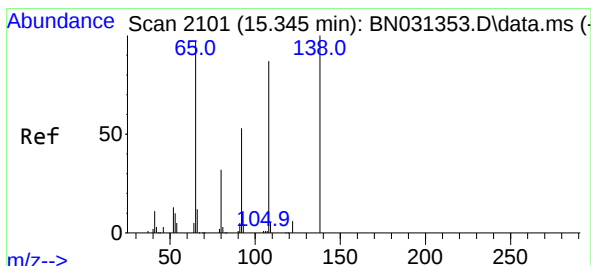
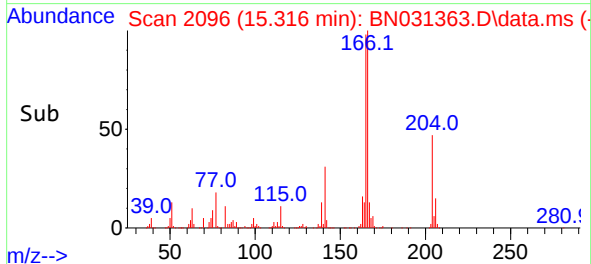
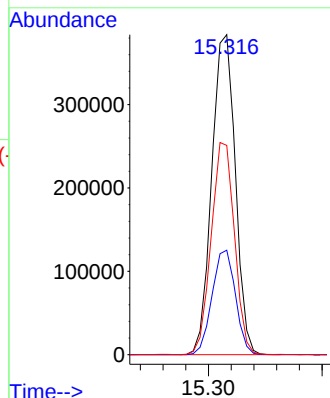
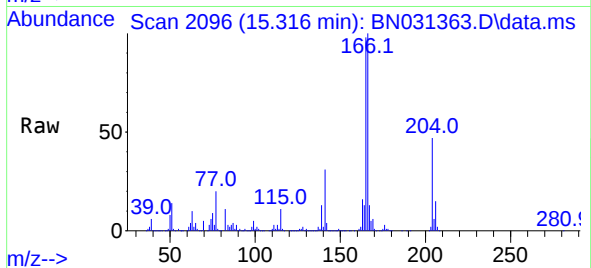




#62
4-Chlorophenyl-phenylether
Concen: 45.285 ng/ul
RT: 15.316 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

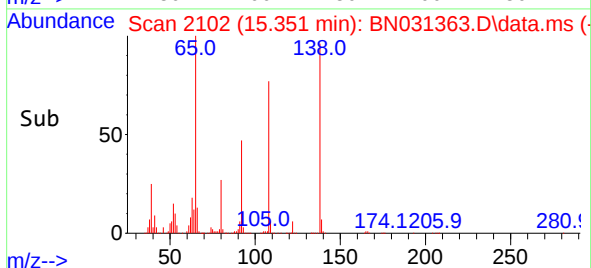
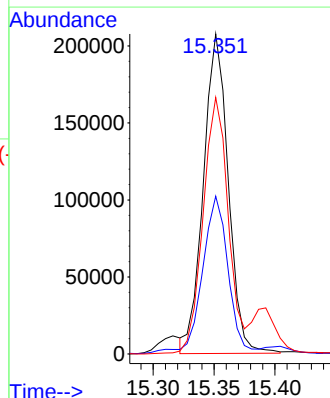
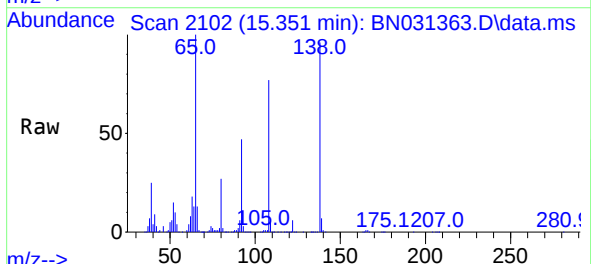
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

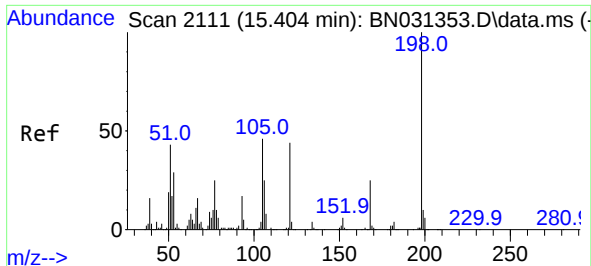
Tgt Ion:204 Resp: 553276
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 65.4 53.4 80.0



#63
4-Nitroaniline
Concen: 56.104 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:138 Resp: 295432
Ion Ratio Lower Upper
138 100
92 49.3 40.0 60.0
108 80.1 63.2 94.8

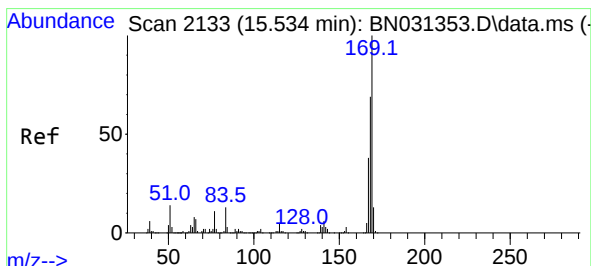
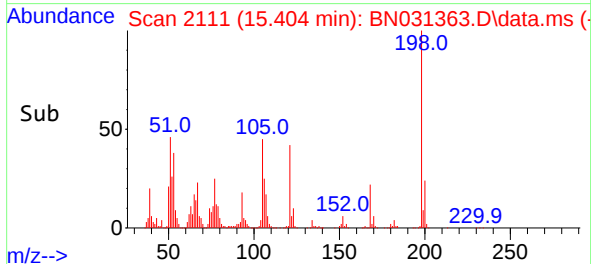
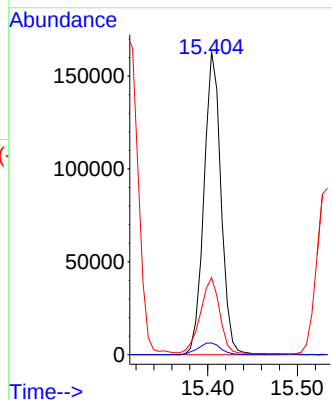
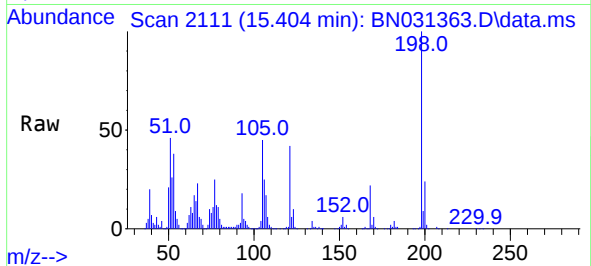




#66
 4,6-Dinitro-2-methylphenol
 Concen: 56.635 ng/ul
 RT: 15.404 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: BN031363.D
 Acq: 02 May 2024 01:09

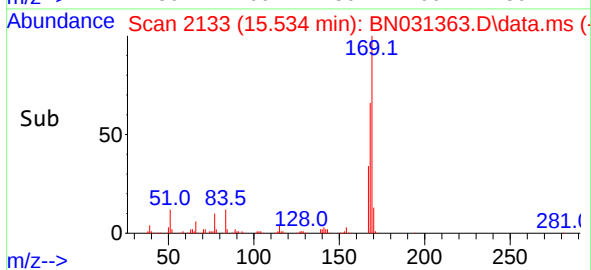
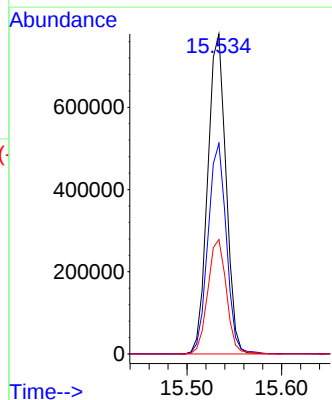
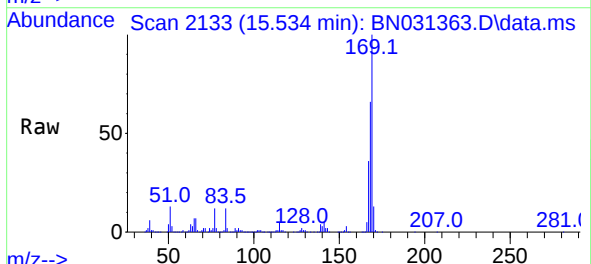
Instrument :
 BNA_N
 ClientSampleId :
 C0AC7MSD

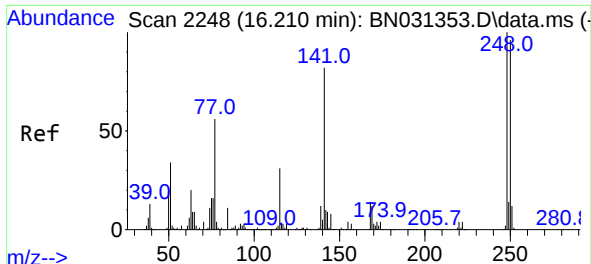
Tgt Ion:198 Resp: 215436
 Ion Ratio Lower Upper
 198 100
 182 3.8 3.8 5.8#
 77 25.4 21.3 31.9



#67
 N-Nitrosodiphenylamine
 Concen: 56.853 ng/ul
 RT: 15.534 min Scan# 2133
 Delta R.T. 0.000 min
 Lab File: BN031363.D
 Acq: 02 May 2024 01:09

Tgt Ion:169 Resp: 1042398
 Ion Ratio Lower Upper
 169 100
 168 65.8 51.4 77.0
 167 35.8 27.8 41.8

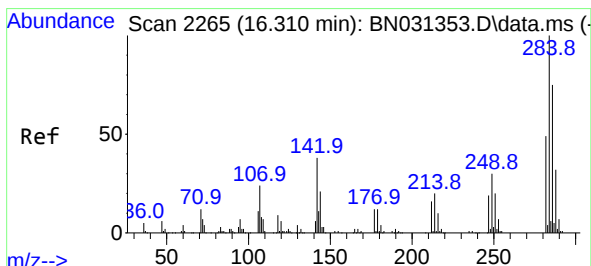
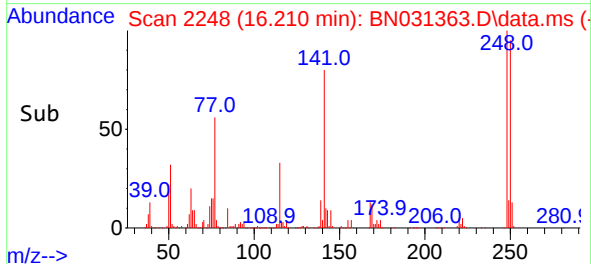
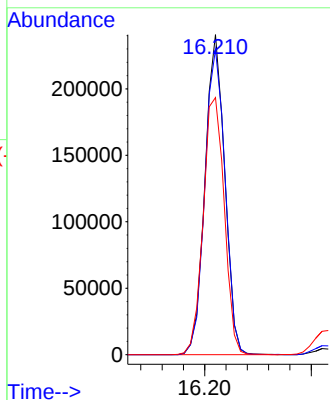
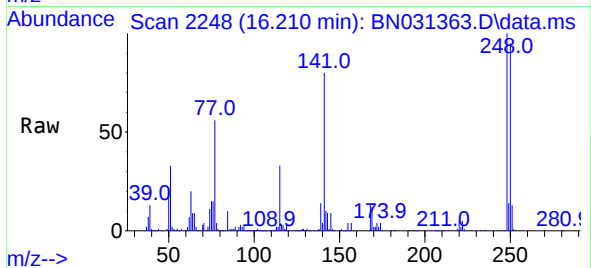




#68
4-Bromophenyl-phenylether
Concen: 47.949 ng/ul
RT: 16.210 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

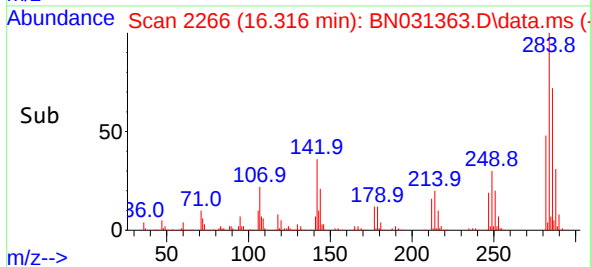
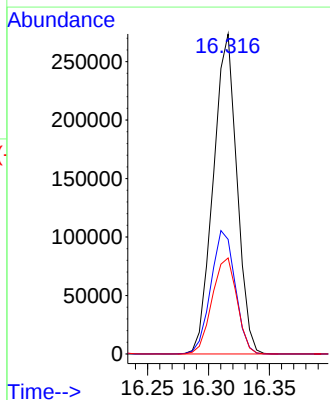
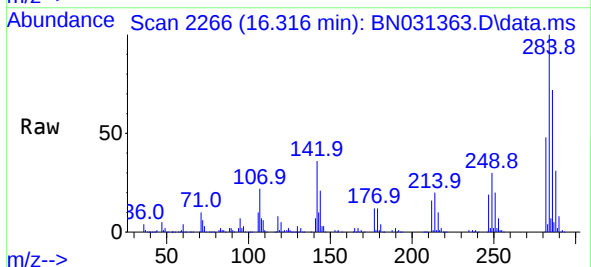
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

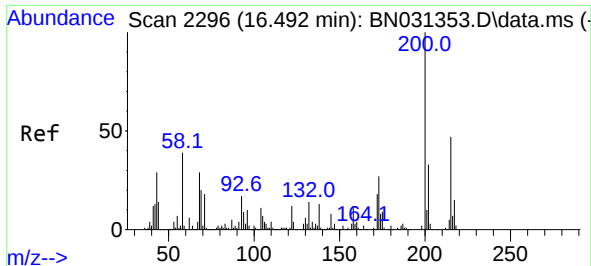
Tgt Ion:248 Resp: 309547
Ion Ratio Lower Upper
248 100
250 95.4 79.6 119.4
141 80.4 61.7 92.5



#69
Hexachlorobenzene
Concen: 49.674 ng/ul
RT: 16.316 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:284 Resp: 369803
Ion Ratio Lower Upper
284 100
142 35.8 31.0 46.4
249 30.0 25.5 38.3

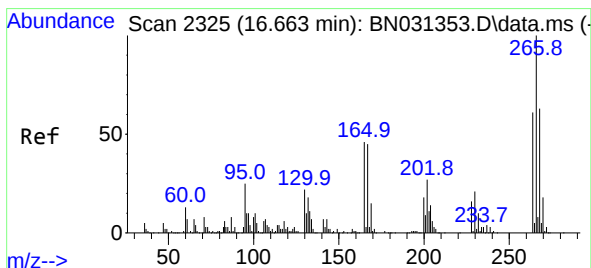
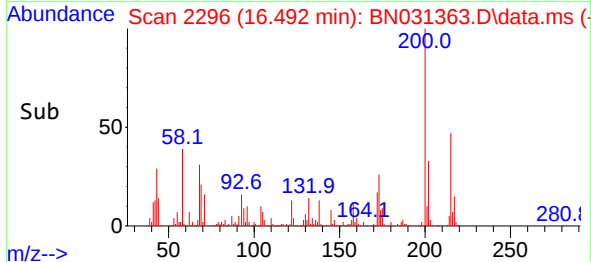
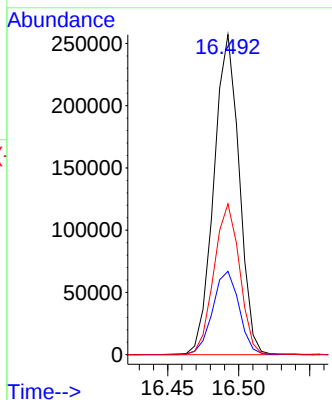
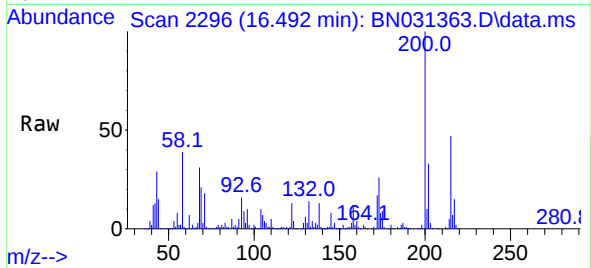




#70
Atrazine
Concen: 53.542 ng/ul
RT: 16.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

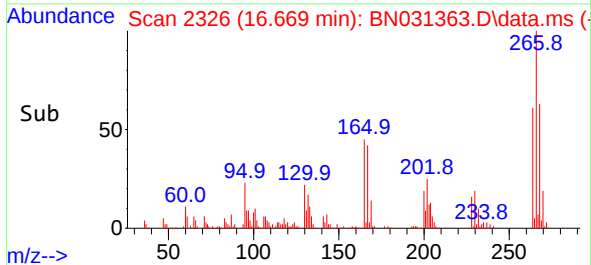
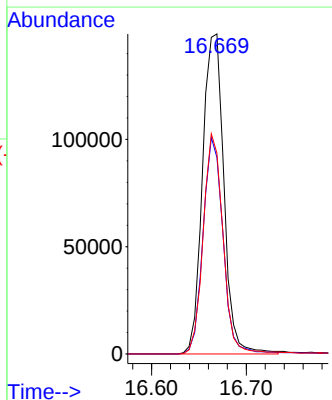
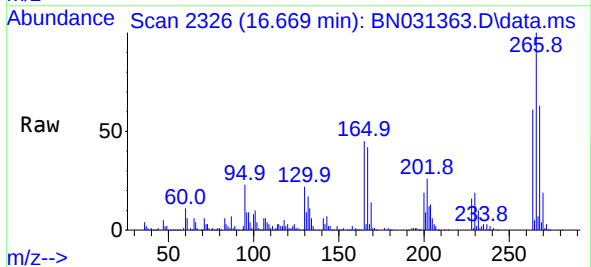
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

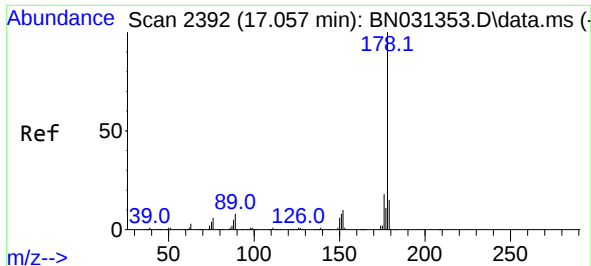
Tgt Ion:200 Resp: 318878
Ion Ratio Lower Upper
200 100
173 26.0 23.0 34.6
215 47.2 40.7 61.1



#71
Pentachlorophenol
Concen: 51.775 ng/ul
RT: 16.669 min Scan# 2326
Delta R.T. 0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:266 Resp: 233374
Ion Ratio Lower Upper
266 100
264 61.4 48.6 73.0
268 62.7 55.5 83.3

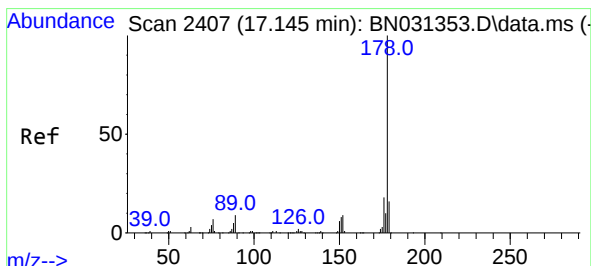
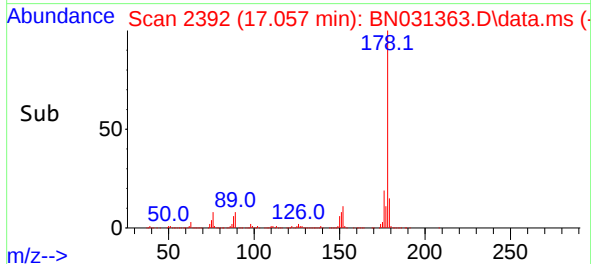
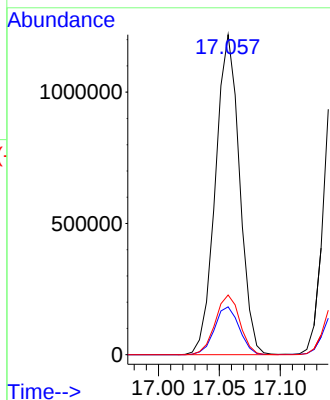
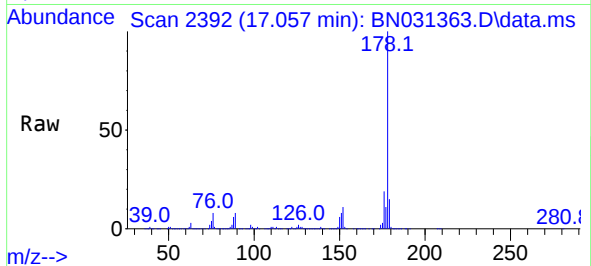




#72
Phenanthrene
Concen: 49.124 ng/u1
RT: 17.057 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

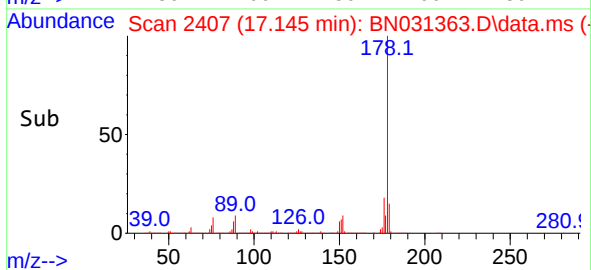
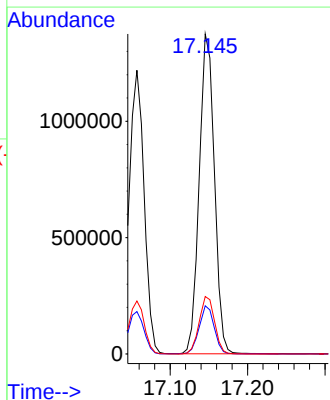
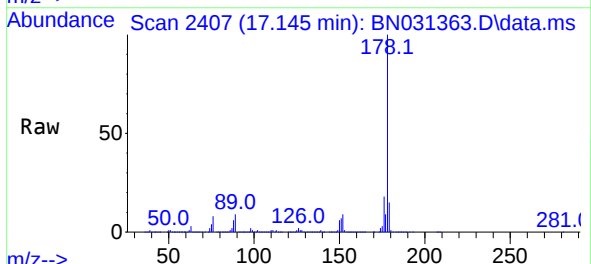
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

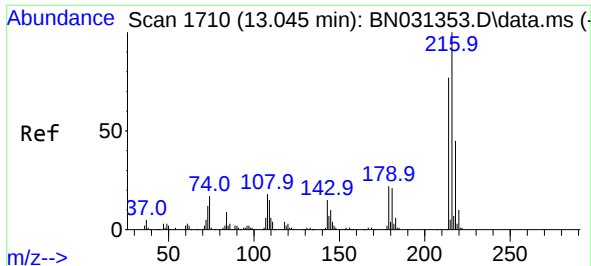
Tgt Ion:178 Resp: 1677623
Ion Ratio Lower Upper
178 100
179 15.0 12.4 18.6
176 18.6 15.6 23.4



#74
Anthracene
Concen: 54.846 ng/u1
RT: 17.145 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:178 Resp: 1873097
Ion Ratio Lower Upper
178 100
179 15.0 12.0 18.0
176 18.0 15.1 22.7

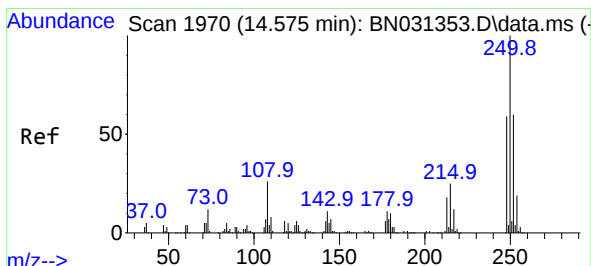
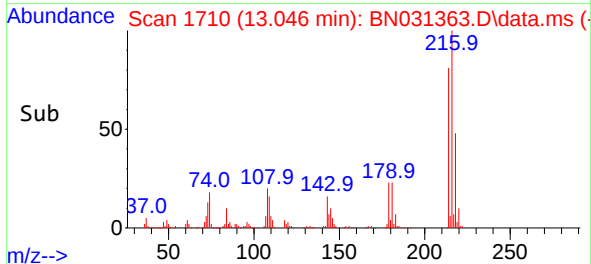
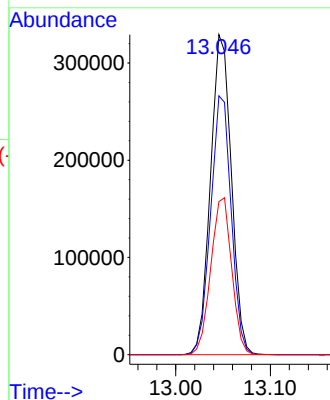
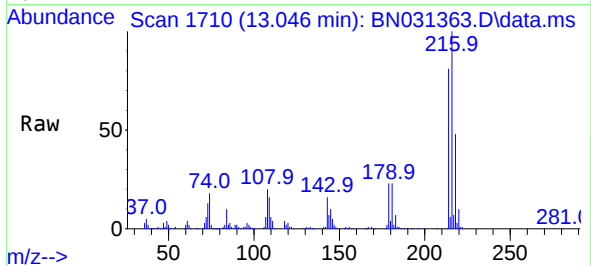




#75
1,2,3,4-Tetrachlorobenzene
Concen: 57.546 ng/uL
RT: 13.046 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

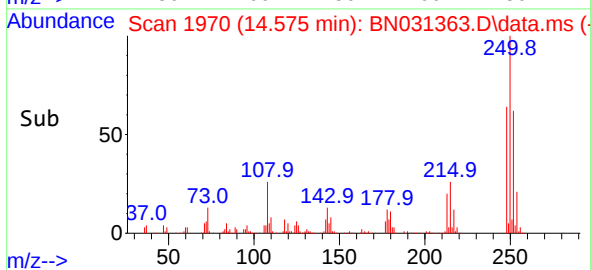
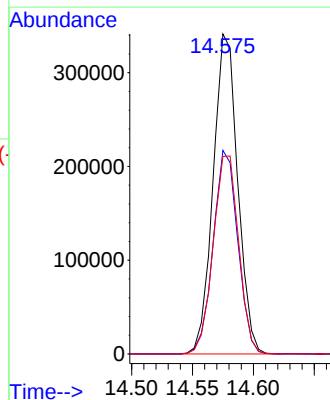
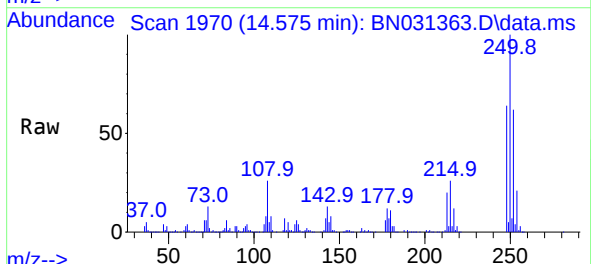
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

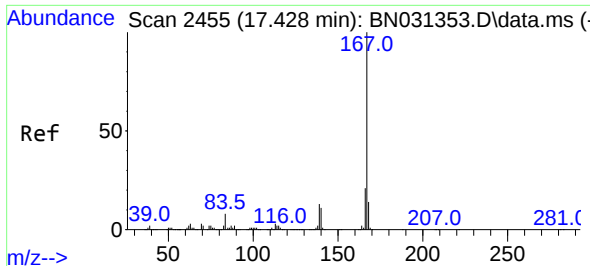
Tgt Ion:216 Resp: 502999
Ion Ratio Lower Upper
216 100
214 80.9 61.7 92.5
218 47.9 39.4 59.0



#76
Pentachlorobenzene
Concen: 55.869 ng/uL
RT: 14.575 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

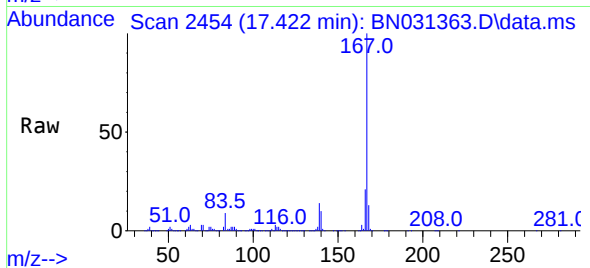
Tgt Ion:250 Resp: 478911
Ion Ratio Lower Upper
250 100
248 63.6 51.0 76.6
252 61.7 48.2 72.2





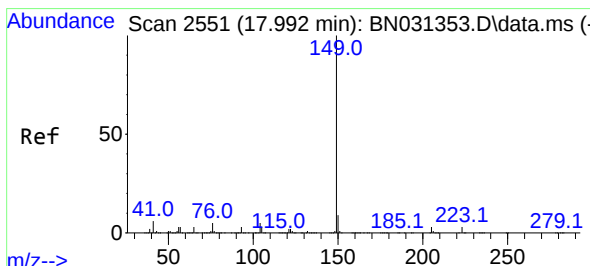
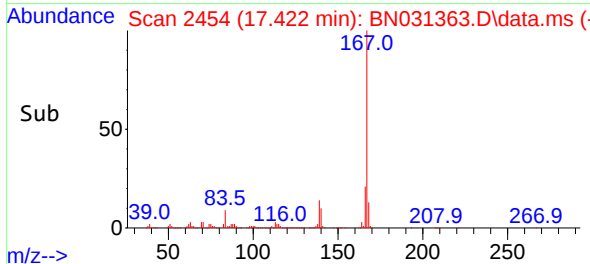
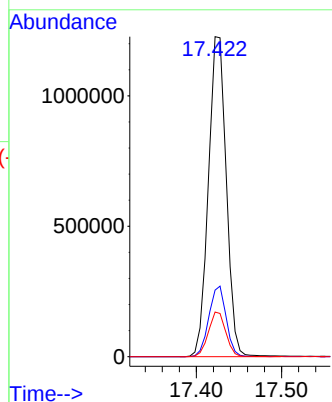
#77
Carbazole
Concen: 60.006 ng/ul
RT: 17.422 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Instrument :
BNA_N
ClientSampleId :
C0AC7MSD



Tgt Ion:167 Resp: 1789922

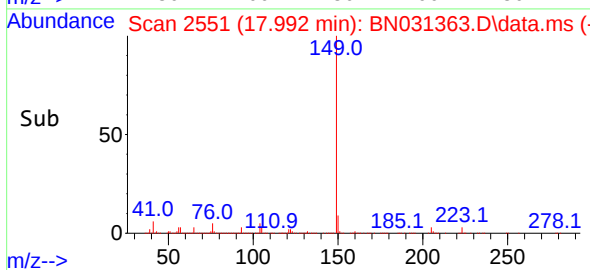
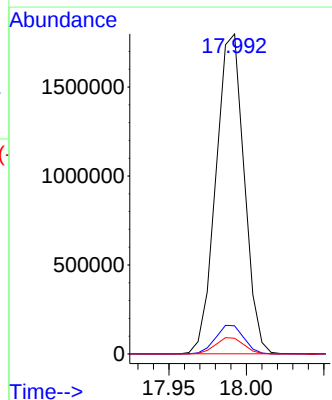
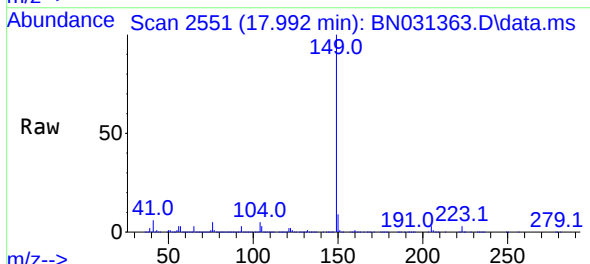
Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.7	25.1
139	13.9	10.4	15.6

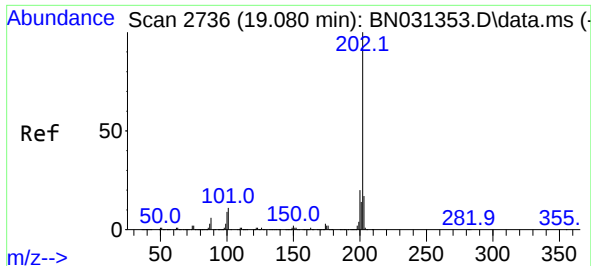


#78
Di-n-butylphthalate
Concen: 58.960 ng/ul
RT: 17.992 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:149 Resp: 2279123

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.0
104	4.9	4.0	6.0

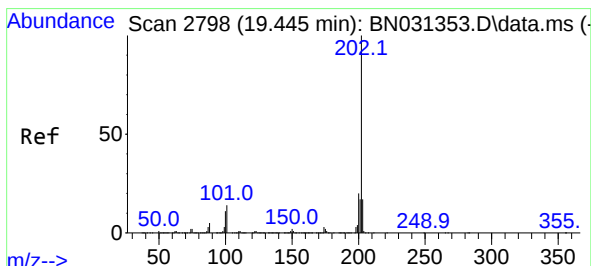
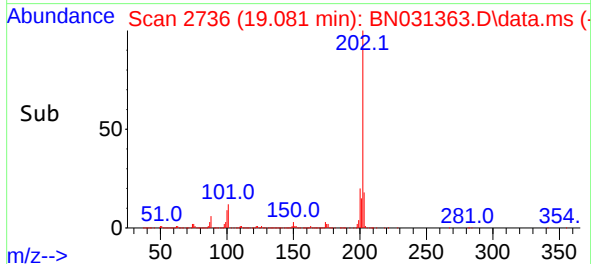
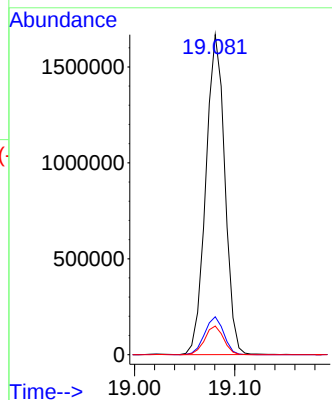
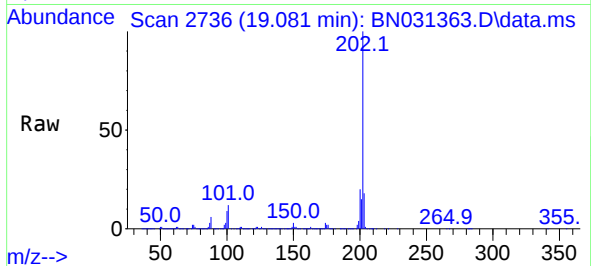




#80
Fluoranthene
Concen: 48.275 ng/u1
RT: 19.081 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

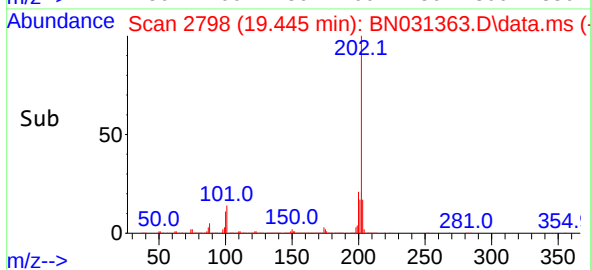
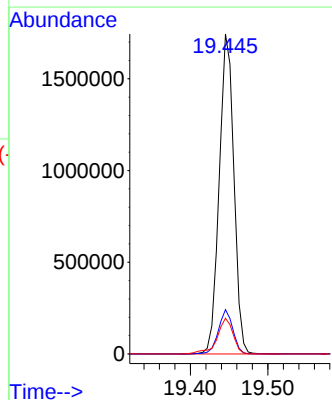
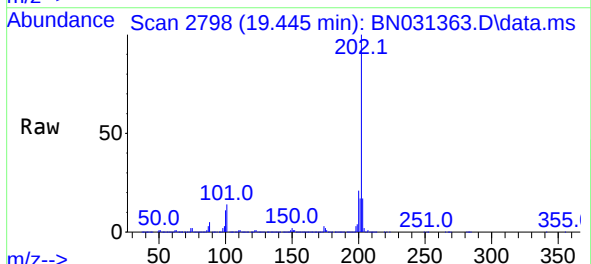
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

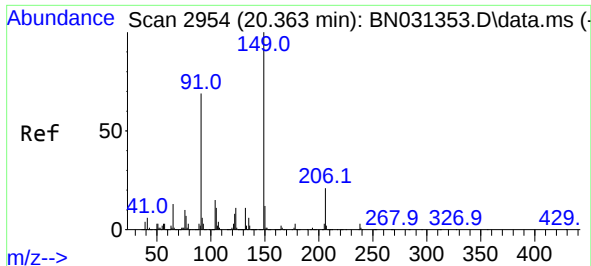
Tgt Ion:202 Resp: 2196519
Ion Ratio Lower Upper
202 100
101 11.8 9.0 13.6
100 9.0 6.7 10.1



#82
Pyrene
Concen: 49.608 ng/u1
RT: 19.445 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:202 Resp: 2302592
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.6
100 11.2 9.2 13.8

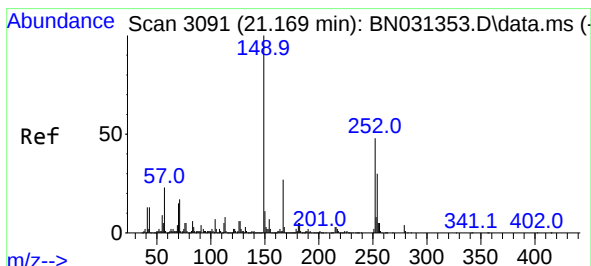
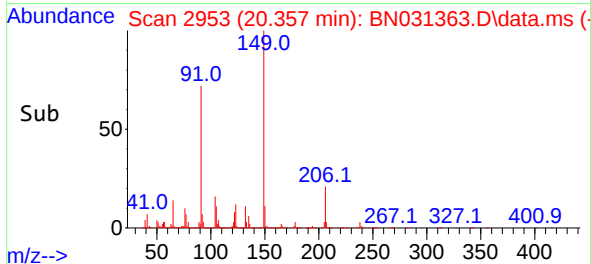
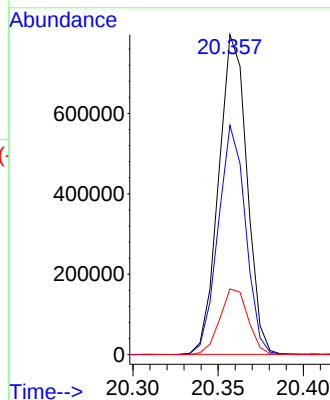
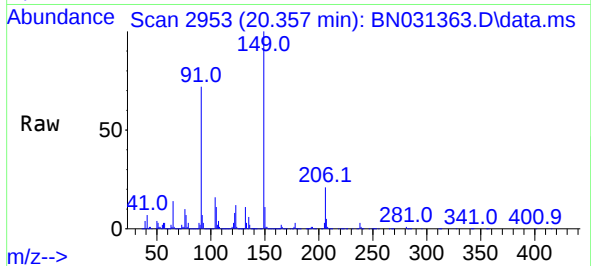




#83
Butylbenzylphthalate
Concen: 47.363 ng/ul
RT: 20.357 min Scan# 2953
Delta R.T. -0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

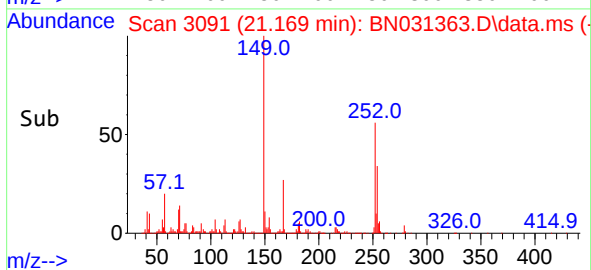
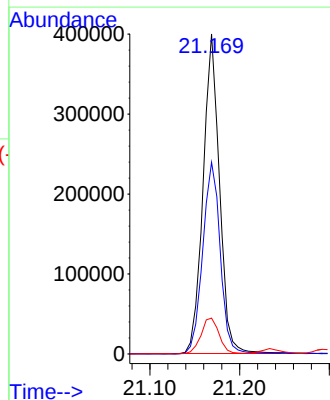
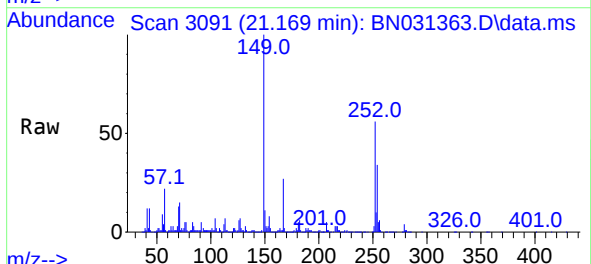
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

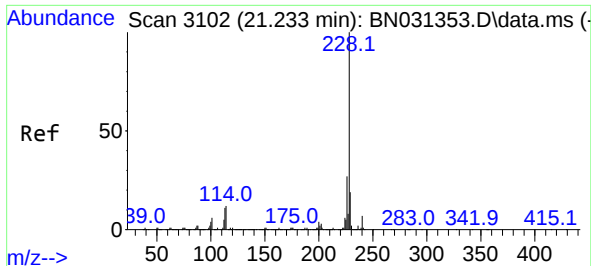
Tgt Ion:149 Resp: 918465
Ion Ratio Lower Upper
149 100
91 71.6 56.8 85.2
206 20.5 15.7 23.5



#84
3,3'-Dichlorobenzidine
Concen: 45.555 ng/ul
RT: 21.169 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:252 Resp: 507970
Ion Ratio Lower Upper
252 100
254 59.9 51.7 77.5
126 11.2 9.9 14.9

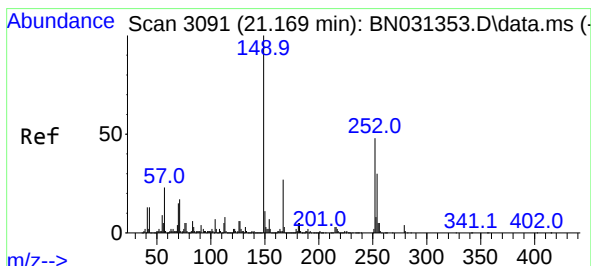
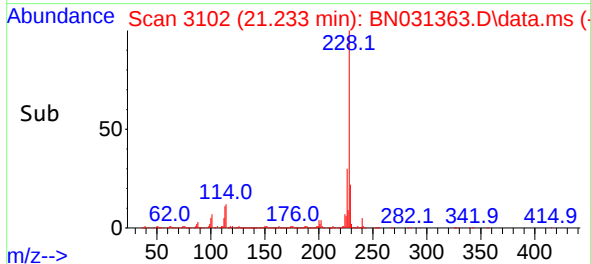
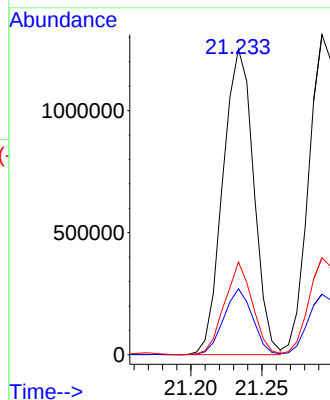
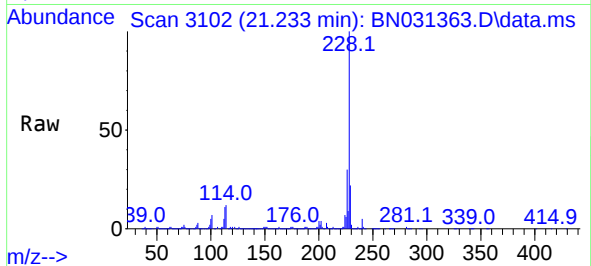




#85
Benzo(a)anthracene
Concen: 46.491 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

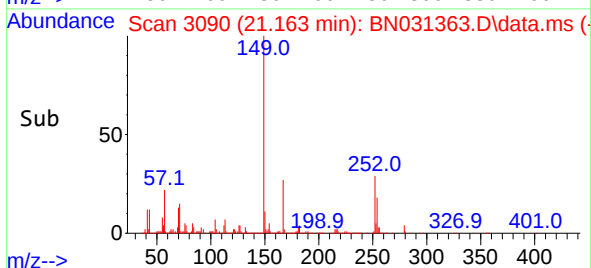
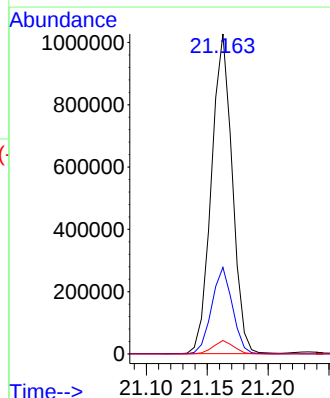
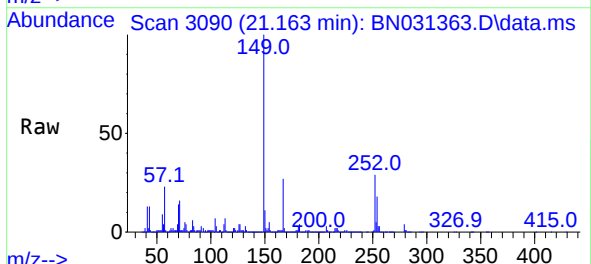
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

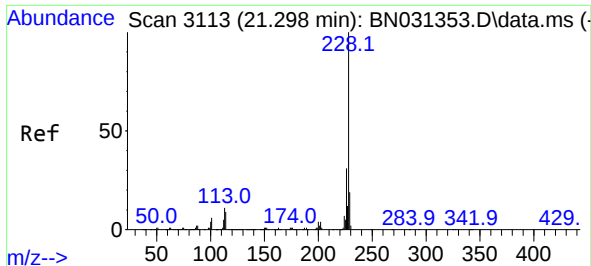
Tgt Ion:228 Resp: 1890840
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 30.3 21.1 31.7



#86
Bis(2-ethylhexyl)phthalate
Concen: 47.874 ng/ul
RT: 21.163 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:149 Resp: 1221458
Ion Ratio Lower Upper
149 100
167 27.1 22.1 33.1
279 4.2 3.4 5.0

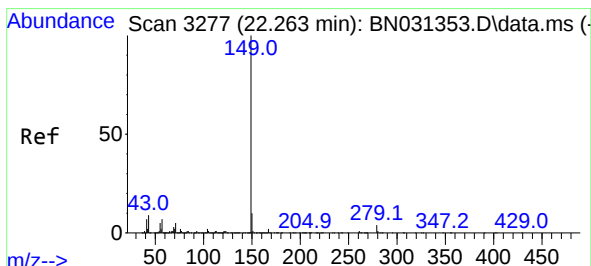
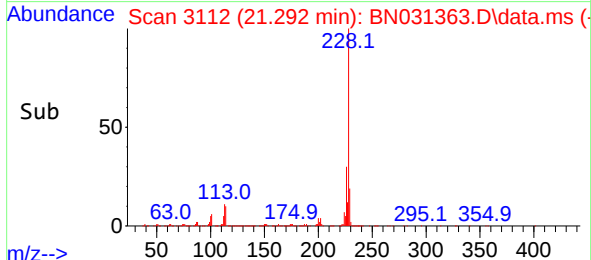
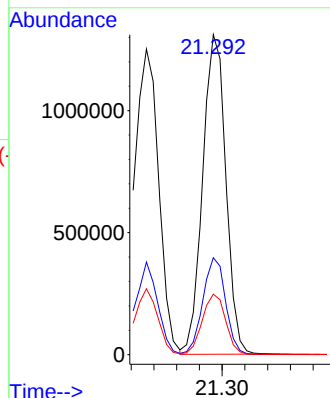
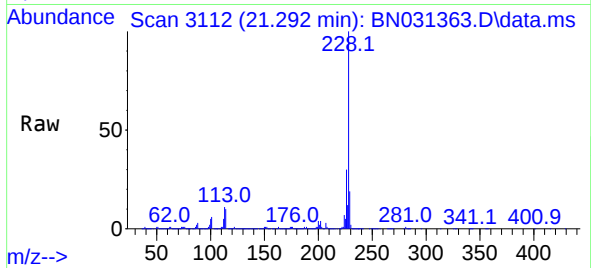




#87
Chrysene
Concen: 48.659 ng/ul
RT: 21.292 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

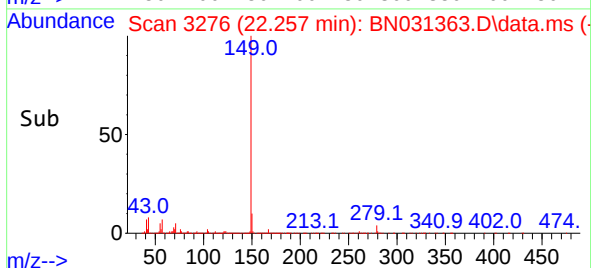
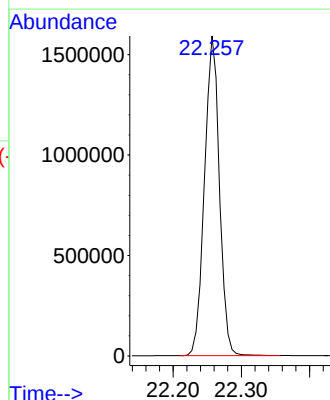
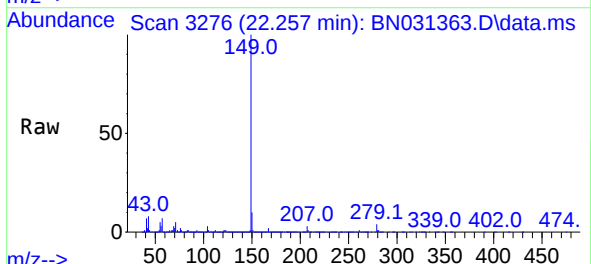
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

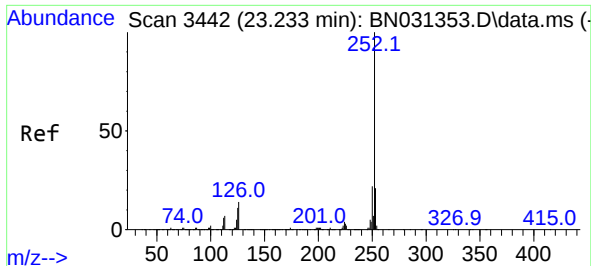
Tgt Ion:228 Resp: 1854234
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 18.9 16.7 25.1



#89
Di-n-octyl phthalate
Concen: 38.357 ng/ul
RT: 22.257 min Scan# 3276
Delta R.T. -0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:149 Resp: 2424477

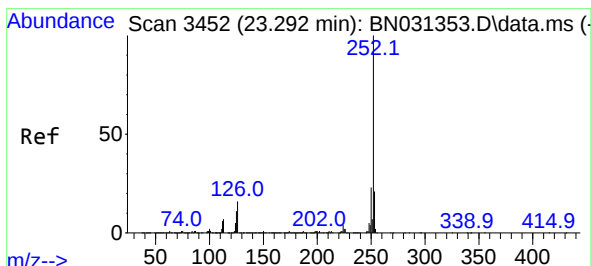
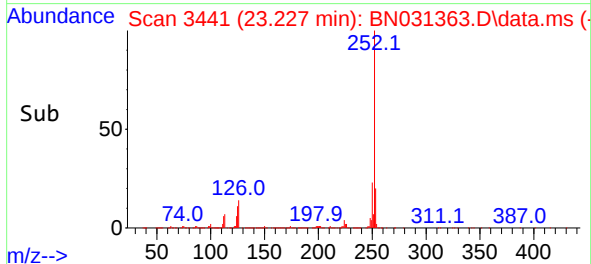
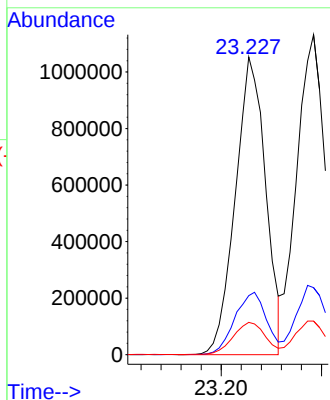
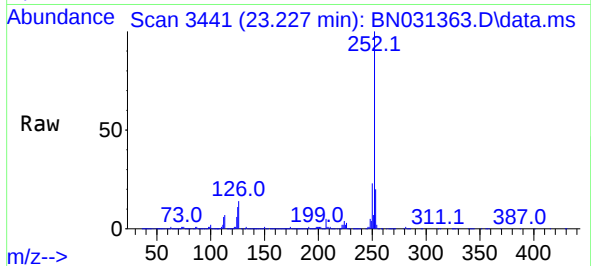




#90
Benzo(b)fluoranthene
Concen: 42.730 ng/ul
RT: 23.227 min Scan# 3441
Delta R.T. -0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

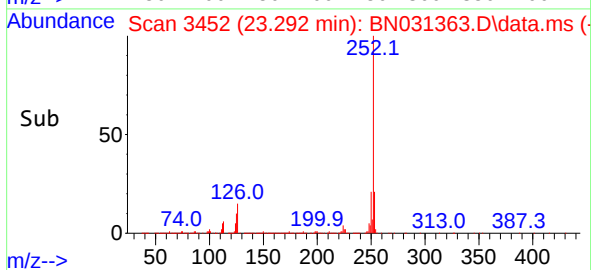
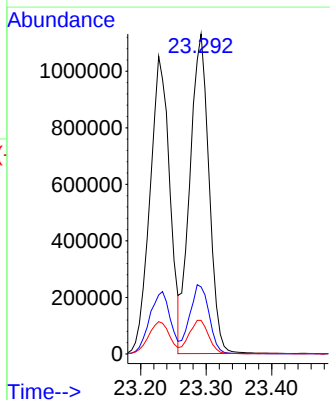
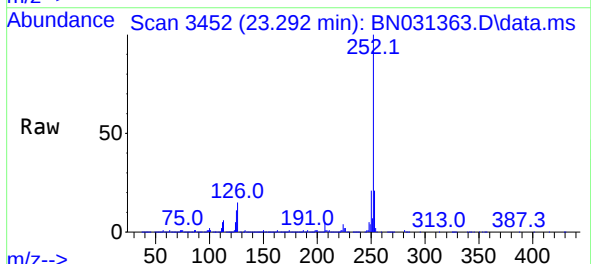
Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

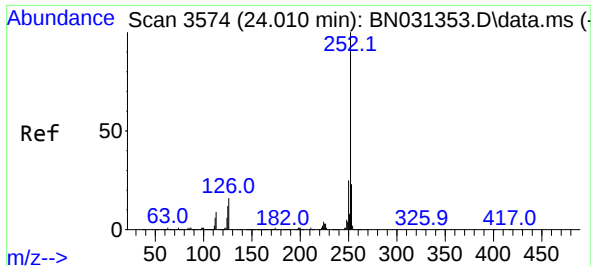
Tgt Ion:252 Resp: 2209081
Ion Ratio Lower Upper
252 100
253 19.8 15.7 23.5
125 10.8 8.6 13.0



#91
Benzo(k)fluoranthene
Concen: 44.935 ng/ul
RT: 23.292 min Scan# 3452
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

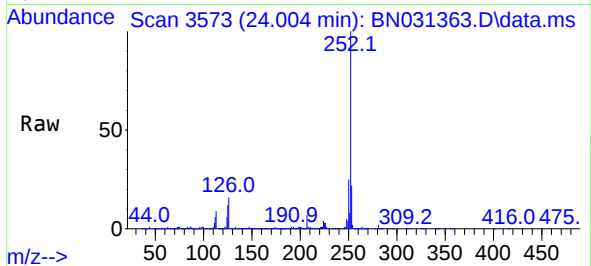
Tgt Ion:252 Resp: 2284633
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.8
125 10.5 8.7 13.1



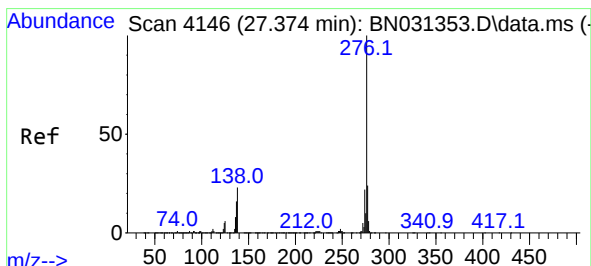
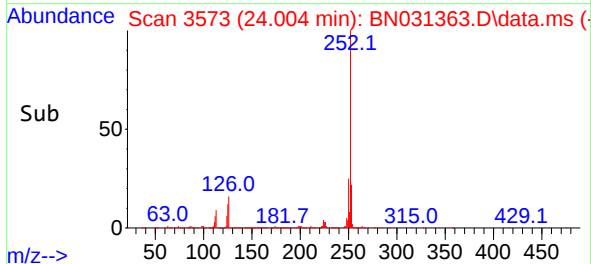
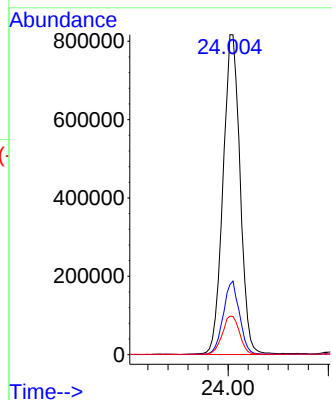


#93
Benzo(a)pyrene
Concen: 41.640 ng/ul
RT: 24.004 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

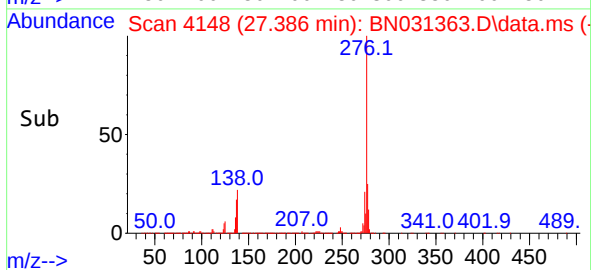
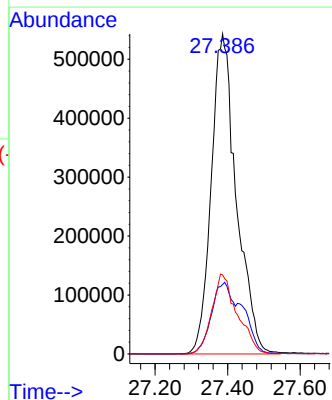
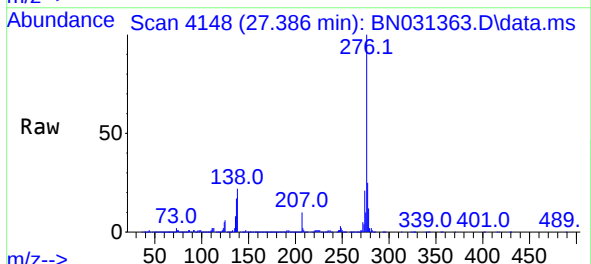


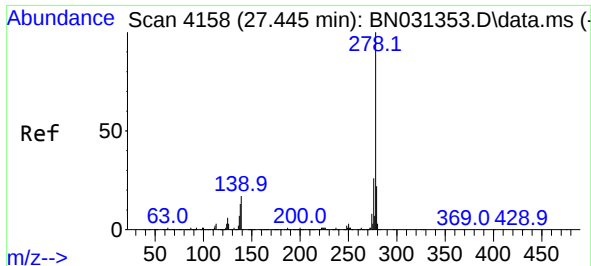
Tgt Ion:252 Resp: 1925452
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 12.0 9.7 14.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 49.972 ng/ul
RT: 27.386 min Scan# 4148
Delta R.T. 0.012 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:276 Resp: 2618164
Ion Ratio Lower Upper
276 100
138 21.7 18.1 27.1
277 24.7 19.5 29.3

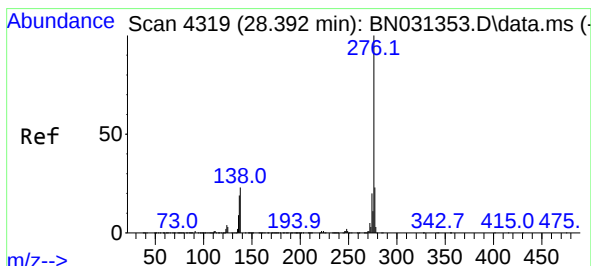
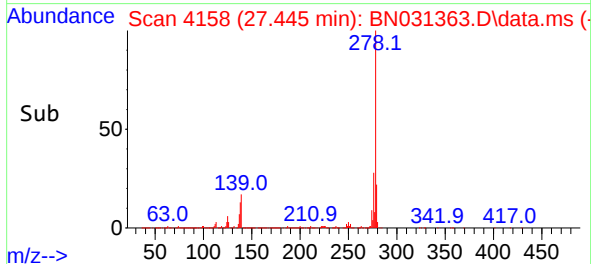
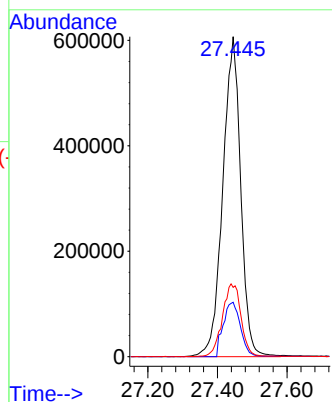
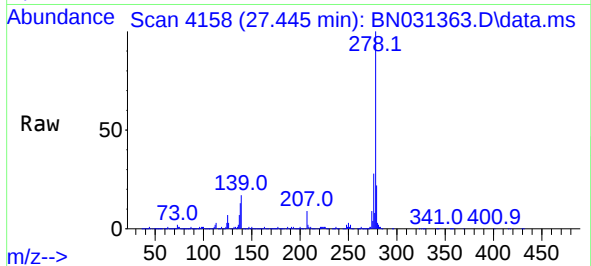




#95
Dibenzo(a,h)anthracene
Concen: 49.845 ng/ul
RT: 27.445 min Scan# 4158
Delta R.T. 0.000 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Instrument :
BNA_N
ClientSampleId :
C0AC7MSD

Tgt Ion:278 Resp: 2169392
Ion Ratio Lower Upper
278 100
139 17.0 13.9 20.9
279 21.6 18.7 28.1



#96
Benzo(g,h,i)perylene
Concen: 51.675 ng/ul
RT: 28.404 min Scan# 4321
Delta R.T. 0.012 min
Lab File: BN031363.D
Acq: 02 May 2024 01:09

Tgt Ion:276 Resp: 2183822
Ion Ratio Lower Upper
276 100
138 23.2 18.8 28.2
277 23.2 18.0 27.0

