

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031316.D
 Acq On : 30 Apr 2024 11:15
 Operator : MA/JU
 Sample : SP6480
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 30 23:04:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 30 23:00:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	193493	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	889117	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	587378	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1241346	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	979602	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	947778	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	262	0.063	ng/uL	0.00
4) Pyridine-d5	3.540	84	1231	0.103	ng/ul	0.00
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	6.957	67	284	0.031	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	1585	0.127	ng/ul	0.02
15) 4-Methylphenol-d8	8.428	113	123616	9.580	ng/ul	0.10
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	10.046	165	52316	4.085	ng/ul	0.02
31) 4-Chloroaniline-d4	10.540	131	638	0.034	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	2664	0.069	ng/ul	0.05
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.581	143	161520	22.984	ng/ul	0.10
60) Fluorene-d10	15.257	176	549	0.017	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	8744	1.370	ng/ul	0.02
73) Anthracene-d10	17.016	188	1241620	24.236	ng/ul	-0.10
81) Pyrene-d10	19.416	212	200	0.003	ng/ul	0.00
92) Benzo(a)pyrene-d12	0.000	264	0	0.000	ng/ul	
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	152719	33.762	ng/uL	92
5) Pyridine	3.552	79	1058832	88.562	ng/ul	93
6) Benzaldehyde	6.769	77	929706	118.927	ng/ul	99
8) Phenol	6.822	94	1504598	95.078	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.052	93	1093967	85.395	ng/ul	99
12) 2-Chlorophenol	7.181	128	1194735	92.249	ng/ul	96
13) 2-Methylphenol	8.063	108	1127623	91.749	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.140	45	1424883	84.292	ng/ul	99
16) Acetophenone	8.440	105	1643337	85.659	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	829161	82.320	ng/ul	98
18) 4-Methylphenol	8.393	108	1251895	93.064	ng/ul	98
19) Hexachloroethane	8.675	117	466381	89.000	ng/ul	98
22) Nitrobenzene	8.816	77	1291657	85.906	ng/ul	98
23) Isophorone	9.346	82	2491374	84.912	ng/ul	99
25) 2-Nitrophenol	9.522	139	678251	90.151	ng/ul	98
26) 2,4-Dimethylphenol	9.587	107	1326271	93.780	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	1539911	83.442	ng/ul	99
29) 2,4-Dichlorophenol	10.051	162	1180061	93.336	ng/ul	98
30) Naphthalene	10.446	128	3692748	84.517	ng/ul	99
32) 4-Chloroaniline	10.563	127	1278978	71.975	ng/ul	97
33) Hexachlorobutadiene	10.716	225	650915	87.094	ng/ul	98
34) Caprolactam	11.393	113	337223	74.667	ng/ul	98
35) 4-Chloro-3-methylphenol	11.704	107	1328574	91.487	ng/ul	97
36) 2-Methylnaphthalene	12.063	142	2562510	84.589	ng/ul	92

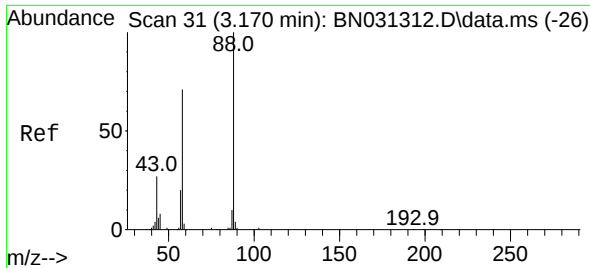
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Quant Time: Apr 30 23:04:03 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 30 23:00:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	2599287	84.823	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	1311941	86.539	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	718538	84.674	ng/ul	96
41) 2,4,6-Trichlorophenol	12.687	196	955125	91.642	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	1036951	91.228	ng/ul	94
43) 1,1'-Biphenyl	13.092	154	3287431	82.402	ng/ul	98
44) 2-Chloronaphthalene	13.134	162	2578560	81.839	ng/ul	97
45) 2-Nitroaniline	13.357	65	860132	96.377	ng/ul	97
47) Dimethylphthalate	13.734	163	3377195	85.116	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	755161	97.541	ng/ul	98
50) Acenaphthylene	13.987	152	4300555	84.109	ng/ul	99
51) 3-Nitroaniline	14.192	138	807699	96.870	ng/ul	98
52) Acenaphthene	14.334	153	2704567	79.737	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	446665	100.956	ng/ul	94
55) 4-Nitrophenol	14.510	109	568456	101.030	ng/ul	96
56) Dibenzofuran	14.669	168	3765365	81.751	ng/ul	93
57) 2,4-Dinitrotoluene	14.651	165	1059924	93.349	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.898	232	872695	91.856	ng/ul	92
59) Diethylphthalate	15.110	149	3401248	85.054	ng/ul	98
61) Fluorene	15.322	166	2857911	77.828	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	1348743	76.140	ng/ul	95
63) 4-Nitroaniline	15.369	138	838150	109.781	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.416	198	642287	93.863	ng/ul#	97
67) N-Nitrosodiphenylamine	15.539	169	2763453	83.786	ng/ul	99
68) 4-Bromophenyl-phenylether	16.216	248	994659	85.650	ng/ul	97
69) Hexachlorobenzene	16.316	284	1094259	81.710	ng/ul	97
70) Atrazine	16.504	200	1051695	98.166	ng/ul	95
71) Pentachlorophenol	16.669	266	797639	98.373	ng/ul	92
72) Phenanthrene	17.063	178	4938359	80.387	ng/ul	99
74) Anthracene	17.157	178	4948425	80.547	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.051	216	1294707	82.342	ng/uL	97
76) Pentachlorobenzene	14.581	250	1294332	83.938	ng/uL	93
77) Carbazole	17.433	167	4719718	87.958	ng/ul	99
78) Di-n-butylphthalate	17.992	149	5866047	84.360	ng/ul	99
80) Fluoranthene	19.086	202	5617334	78.542	ng/ul	99
82) Pyrene	19.451	202	5822467	79.804	ng/ul	99
83) Butylbenzylphthalate	20.369	149	2675377	87.770	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.180	252	1640534	93.599	ng/ul	98
85) Benzo(a)anthracene	21.245	228	5242314	82.001	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.169	149	3314624	82.650	ng/ul	98
87) Chrysene	21.304	228	5005782	83.571	ng/ul	96
89) Di-n-octyl phthalate	22.263	149	6303351	89.761	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	4932098	85.871	ng/ul	97
91) Benzo(k)fluoranthene	23.310	252	4690482	83.038	ng/ul	99
93) Benzo(a)pyrene	24.021	252	4028750	78.423	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.409	276	5223169	89.734	ng/ul	100
95) Dibenzo(a,h)anthracene	27.468	278	4233444	87.553	ng/ul	98
96) Benzo(g,h,i)perylene	28.421	276	4006551	85.334	ng/ul	99

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



#2

1,4-Dioxane

Concen: 33.762 ng/uL

RT: 3.164 min Scan# 30

Delta R.T. -0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :

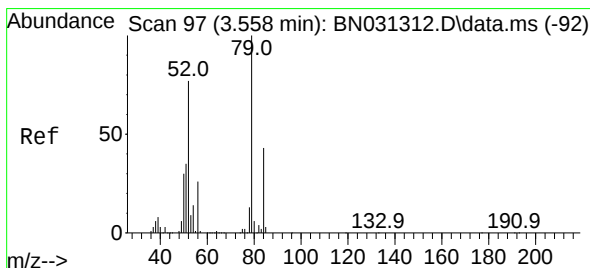
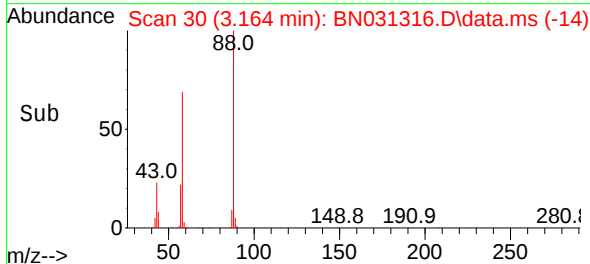
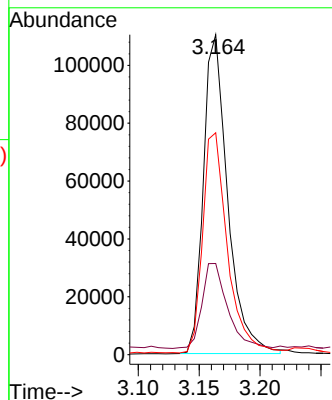
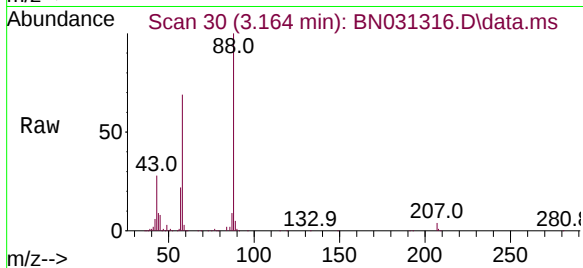
Tgt Ion: 88 Resp: 152719

Ion Ratio Lower Upper

88 100

43 28.5 21.7 32.5

58 69.4 49.1 73.7



#5

Pyridine

Concen: 88.562 ng/uL

RT: 3.552 min Scan# 96

Delta R.T. -0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

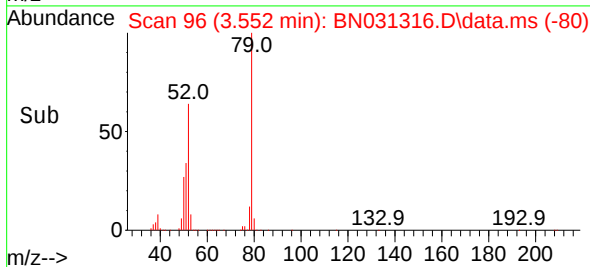
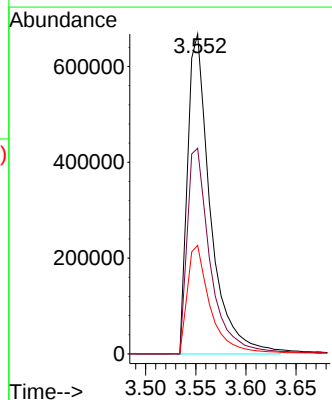
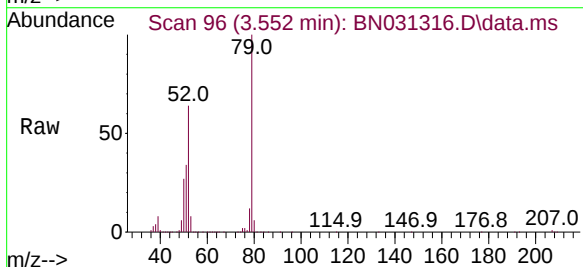
Tgt Ion: 79 Resp: 1058832

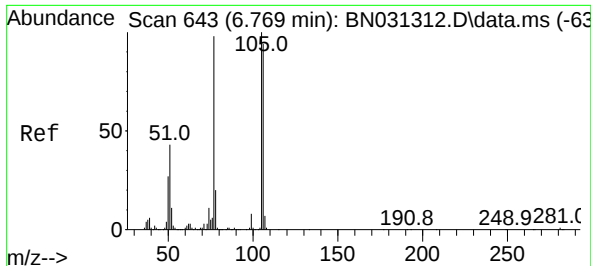
Ion Ratio Lower Upper

79 100

52 64.3 58.3 87.5

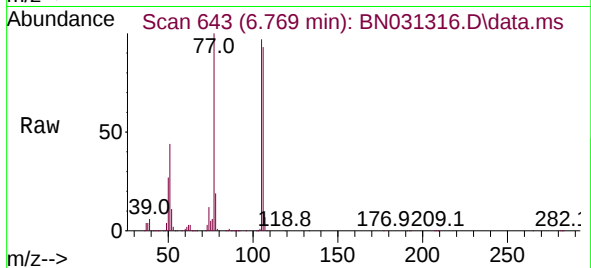
51 33.9 27.7 41.5



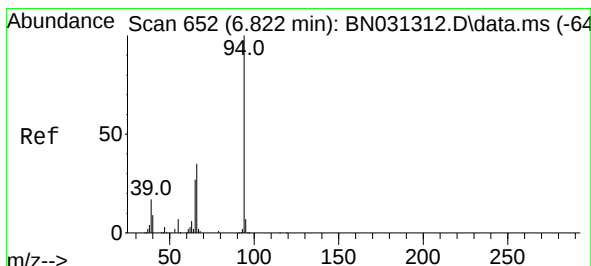
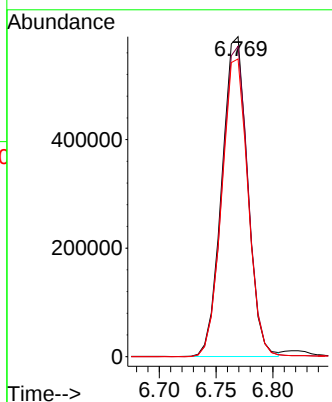
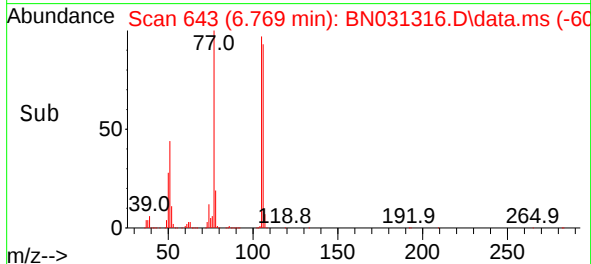


#6
Benzaldehyde
Concen: 118.927 ng/ul
RT: 6.769 min Scan# 643
Delta R.T. -0.000 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Instrument :
BNA_N
ClientSampleId :

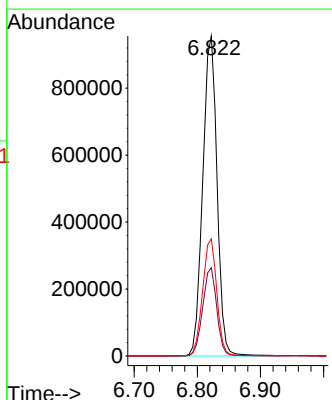
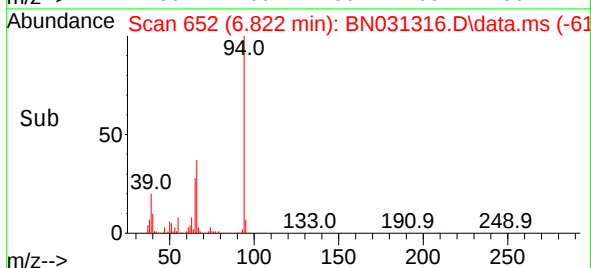
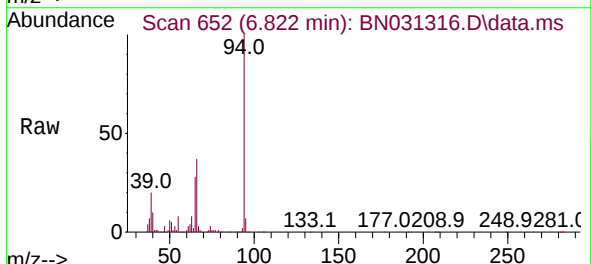


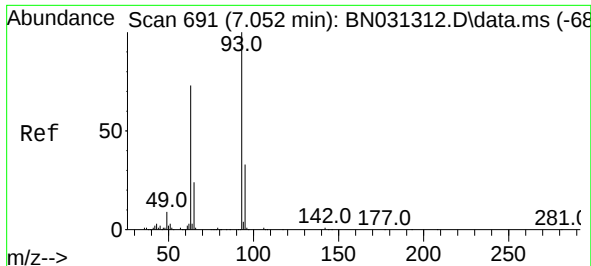
Tgt Ion: 77 Resp: 929706
Ion Ratio Lower Upper
77 100
105 97.0 78.4 117.6
106 93.1 73.2 109.8



#8
Phenol
Concen: 95.078 ng/ul
RT: 6.822 min Scan# 652
Delta R.T. -0.000 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion: 94 Resp: 1504598
Ion Ratio Lower Upper
94 100
65 27.6 21.2 31.8
66 36.6 28.9 43.3





#10

Bis(2-Chloroethyl)ether

Concen: 85.395 ng/ul

RT: 7.052 min Scan# 691

Delta R.T. -0.000 min

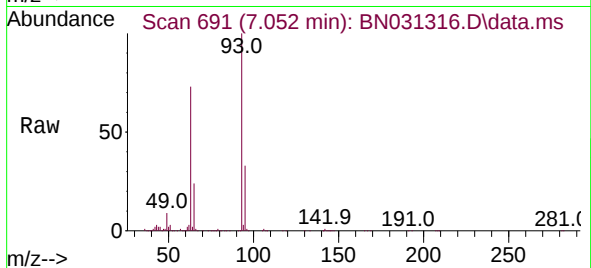
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Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :



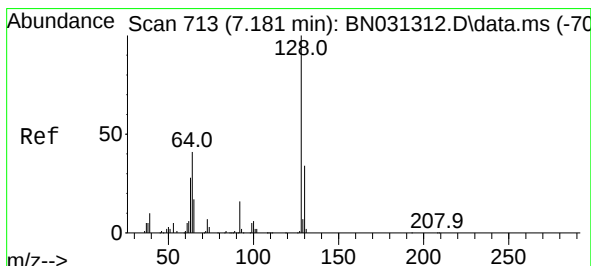
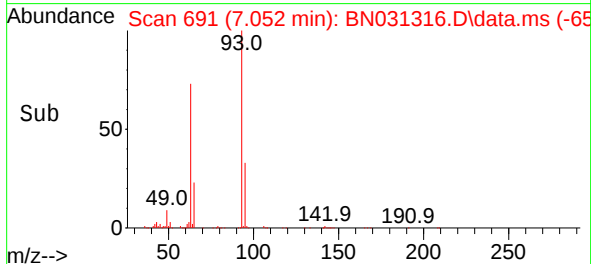
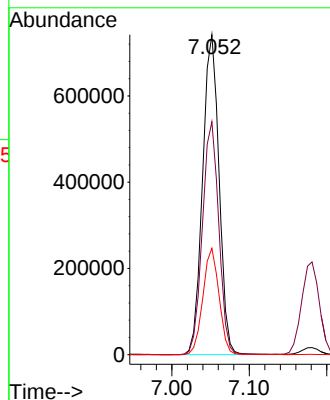
Tgt Ion: 93 Resp: 1093967

Ion Ratio Lower Upper

93 100

63 72.8 59.6 89.4

95 33.3 26.5 39.7



#12

2-Chlorophenol

Concen: 92.249 ng/ul

RT: 7.181 min Scan# 713

Delta R.T. -0.000 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

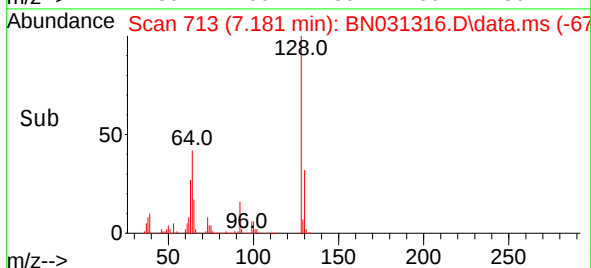
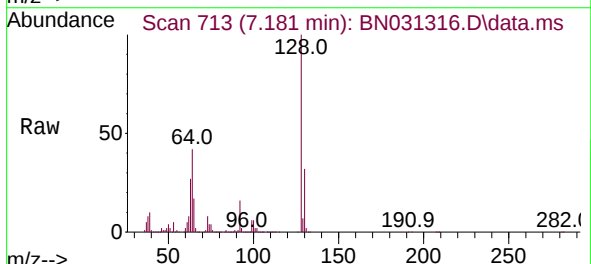
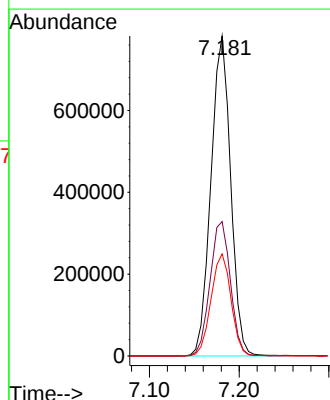
Tgt Ion:128 Resp: 1194735

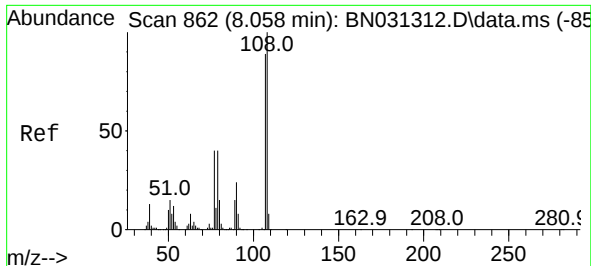
Ion Ratio Lower Upper

128 100

64 42.0 35.8 53.6

130 31.9 27.0 40.4





#13

2-Methylphenol

Concen: 91.749 ng/ul

RT: 8.063 min Scan# 80

Delta R.T. 0.006 min

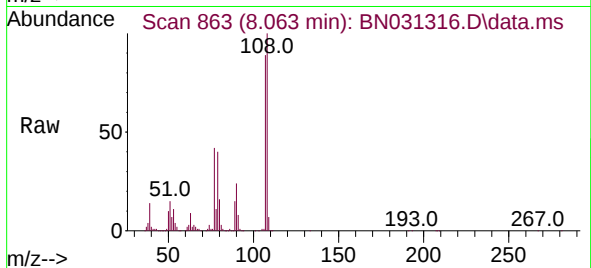
Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :

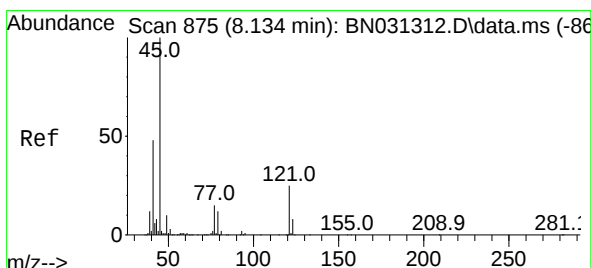
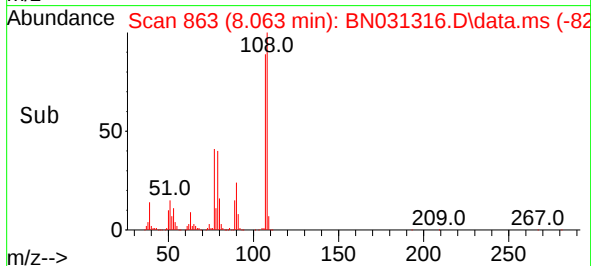
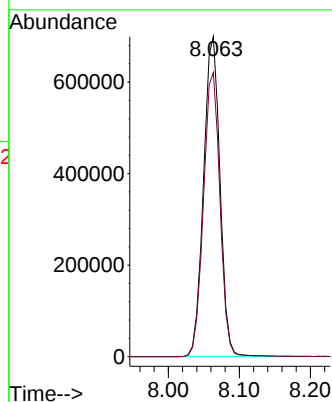


Tgt Ion:108 Resp: 1127623

Ion	Ratio	Lower	Upper
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108	100		
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107	88.8	72.3	108.5
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#14

2,2'-oxybis(1-chloropropane)

Concen: 84.292 ng/ul

RT: 8.140 min Scan# 876

Delta R.T. 0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

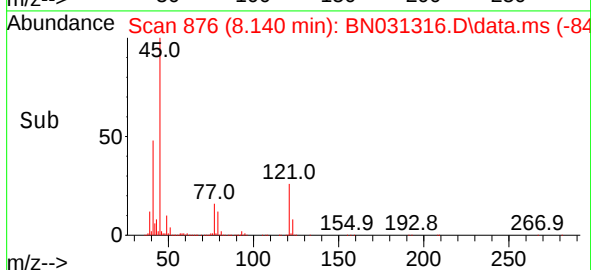
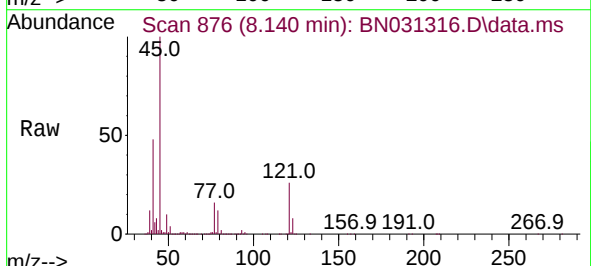
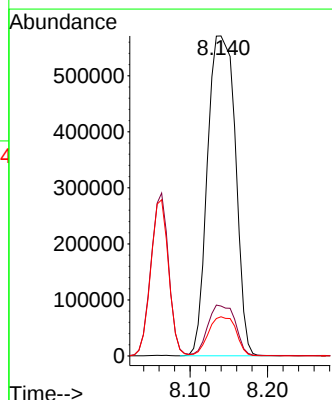
Tgt Ion: 45 Resp: 1424883

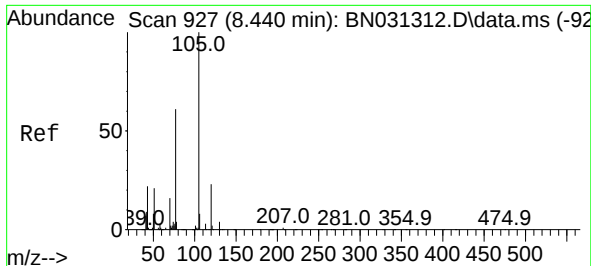
Ion	Ratio	Lower	Upper
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45	100		
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77	15.6	12.6	19.0
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79	12.3	9.5	14.3
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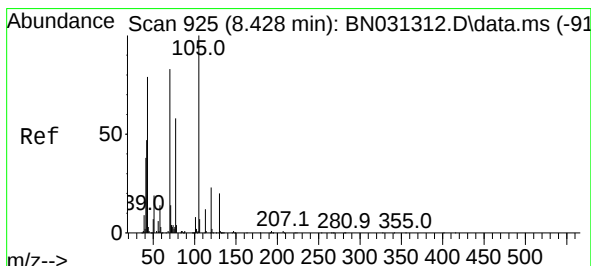
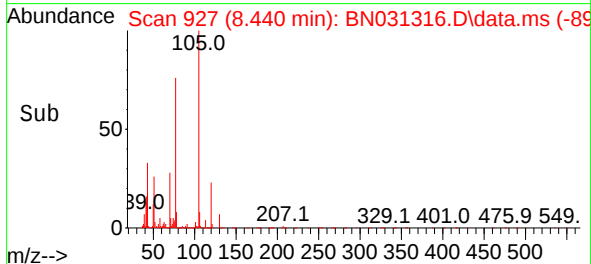
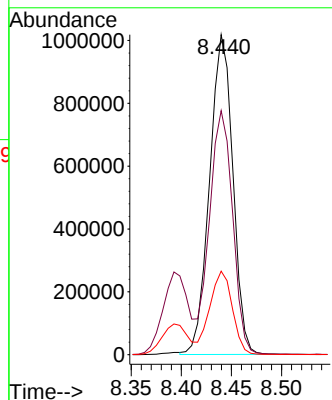
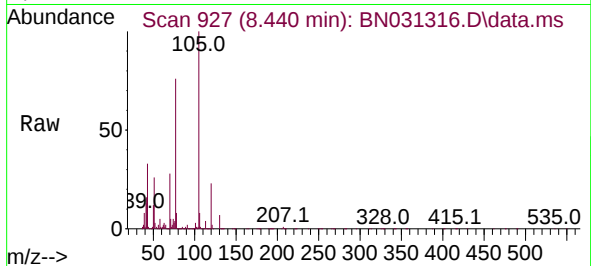




#16
Acetophenone
Concen: 85.659 ng/ul
RT: 8.440 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

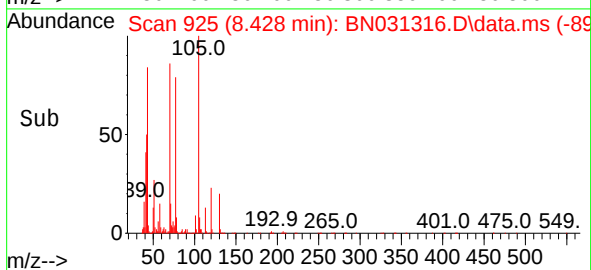
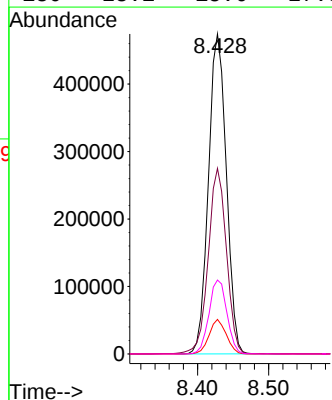
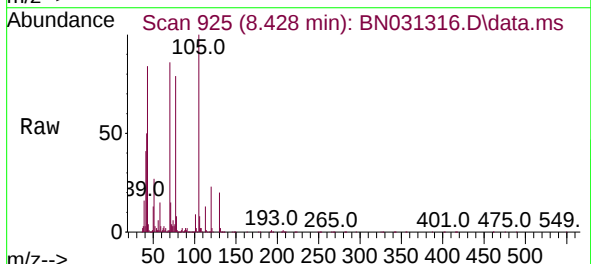
Instrument :
BNA_N
ClientSampleId :

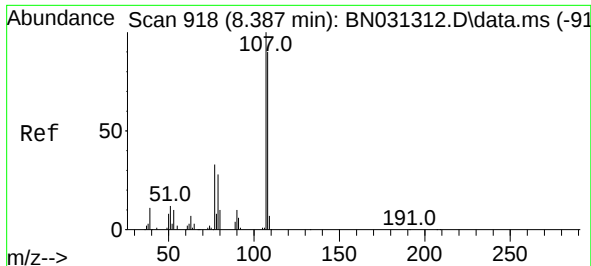
Tgt Ion:105 Resp: 1643337
Ion Ratio Lower Upper
105 100
77 76.2 62.0 93.0
51 26.1 20.6 30.8



#17
N-Nitroso-di-n-propylamine
Concen: 82.320 ng/ul
RT: 8.428 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion: 70 Resp: 829161
Ion Ratio Lower Upper
70 100
42 58.0 44.7 67.1
101 10.8 8.5 12.7
130 23.1 18.6 27.8

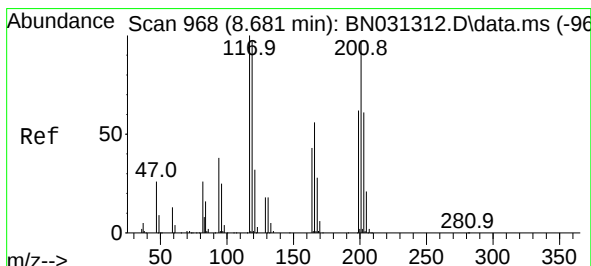
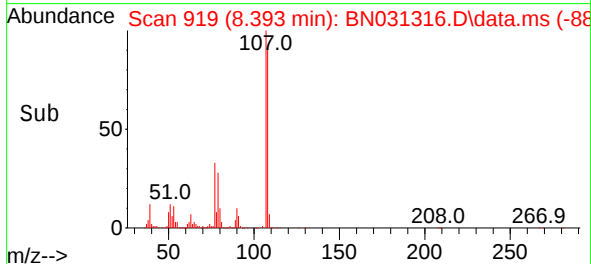
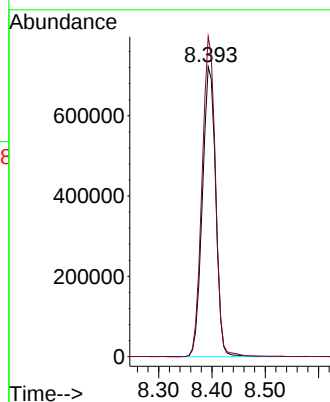
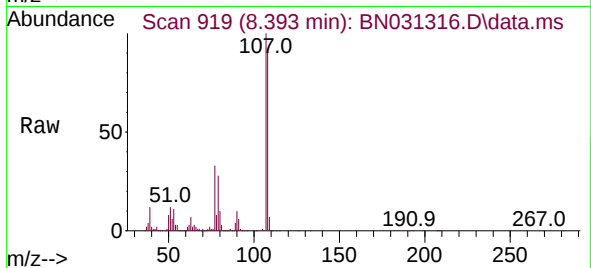




#18
4-Methylphenol
Concen: 93.064 ng/ul
RT: 8.393 min Scan# 918
Delta R.T. 0.006 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

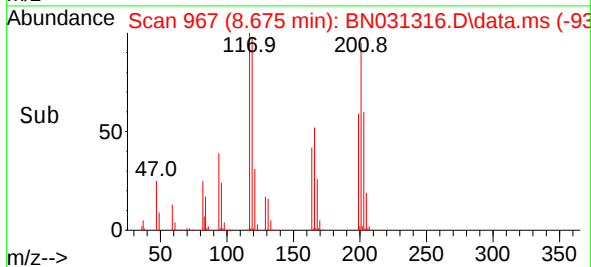
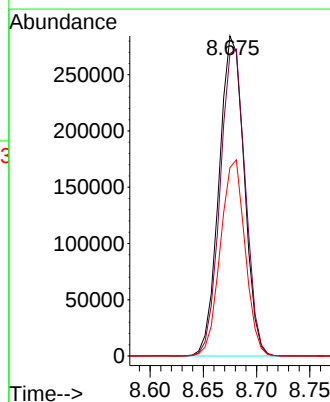
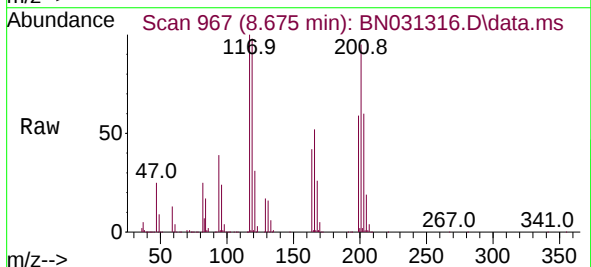
Instrument :
BNA_N
ClientSampleId :

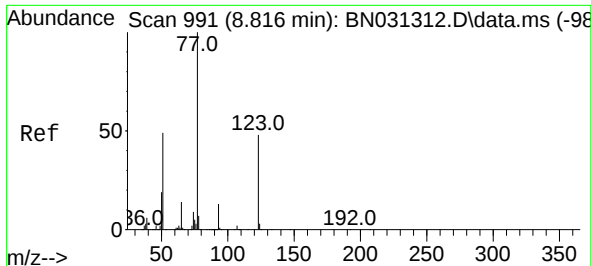
Tgt Ion:108 Resp: 1251895
Ion Ratio Lower Upper
108 100
107 110.4 86.4 129.6



#19
Hexachloroethane
Concen: 89.000 ng/ul
RT: 8.675 min Scan# 967
Delta R.T. -0.006 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion:117 Resp: 466381
Ion Ratio Lower Upper
117 100
201 94.5 76.3 114.5
199 58.9 49.6 74.4





#22

Nitrobenzene

Concen: 85.906 ng/ul

RT: 8.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :

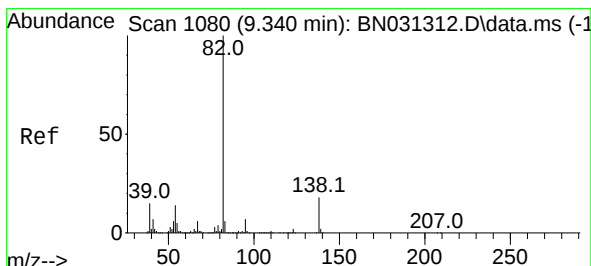
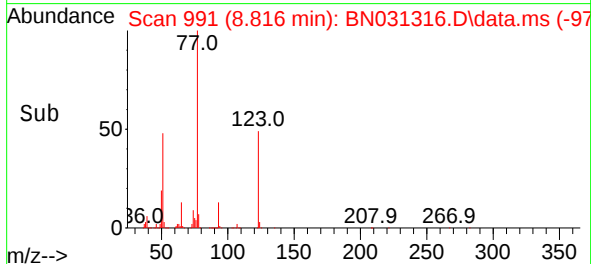
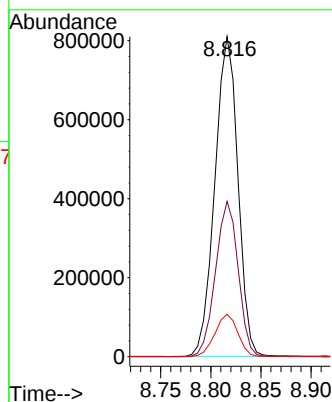
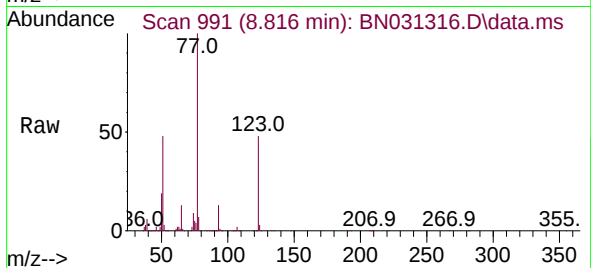
Tgt Ion: 77 Resp: 1291657

Ion Ratio Lower Upper

77 100

123 48.5 37.3 55.9

65 13.2 10.8 16.2



#23

Isophorone

Concen: 84.912 ng/ul

RT: 9.346 min Scan# 1081

Delta R.T. 0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

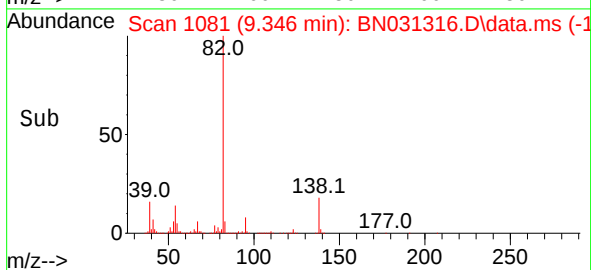
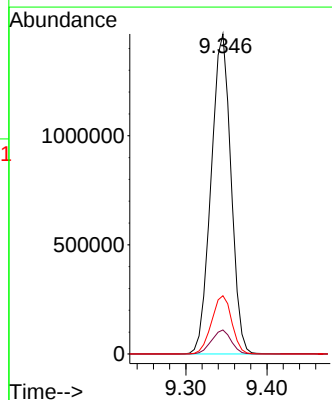
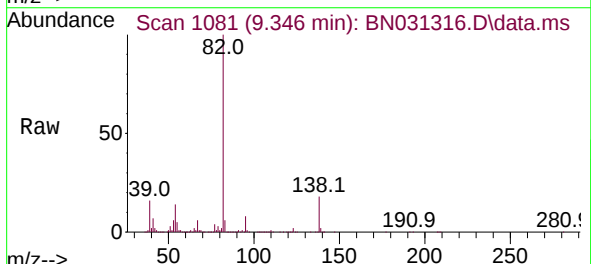
Tgt Ion: 82 Resp: 2491374

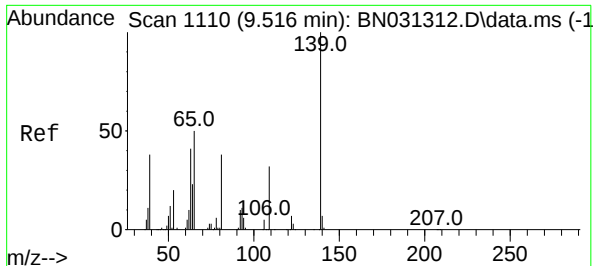
Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

138 18.2 14.8 22.2

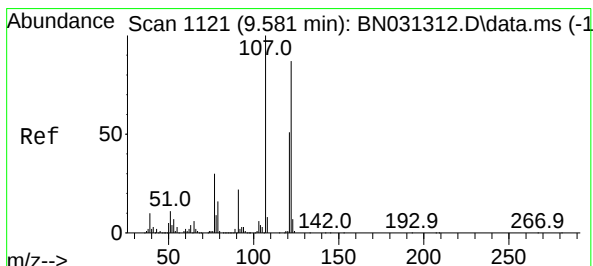
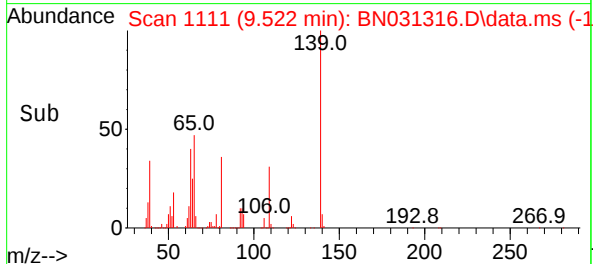
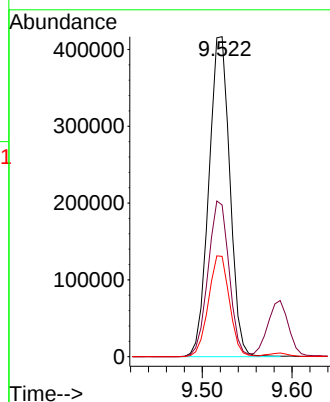
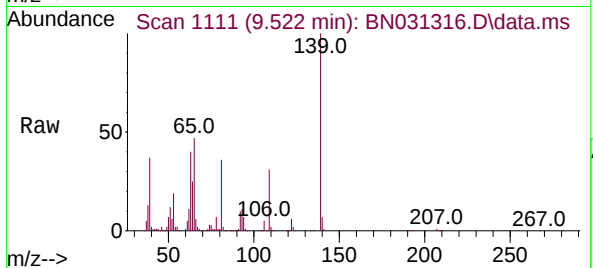




#25
2-Nitrophenol
Concen: 90.151 ng/ul
RT: 9.522 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

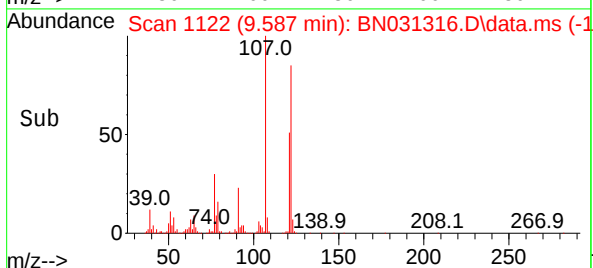
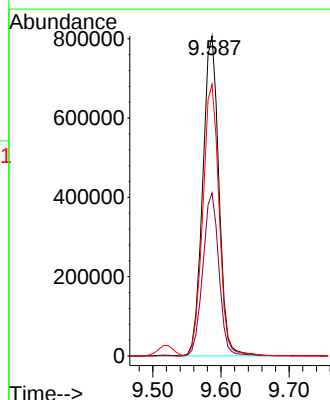
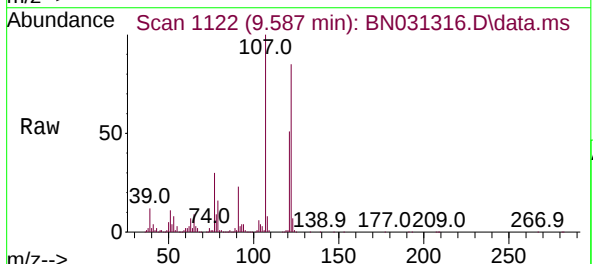
Instrument :
BNA_N
ClientSampleId :

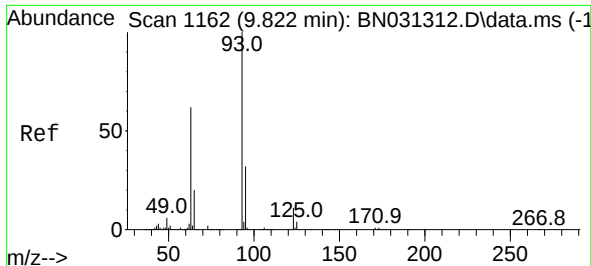
Tgt Ion:139 Resp: 678251
Ion Ratio Lower Upper
139 100
65 47.4 39.5 59.3
109 31.3 25.4 38.2



#26
2,4-Dimethylphenol
Concen: 93.780 ng/ul
RT: 9.587 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion:107 Resp: 1326271
Ion Ratio Lower Upper
107 100
121 50.9 41.4 62.2
122 84.8 67.8 101.6

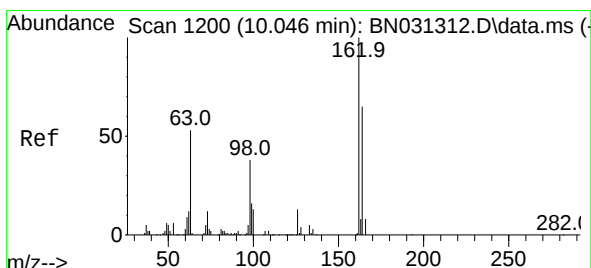
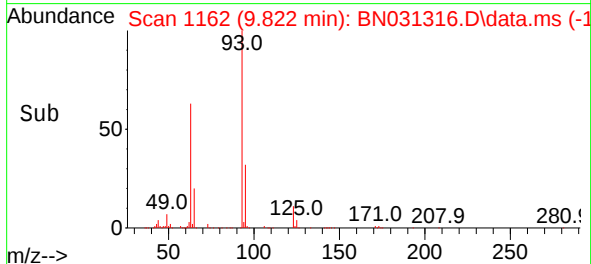
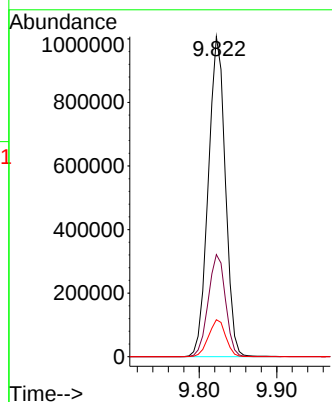
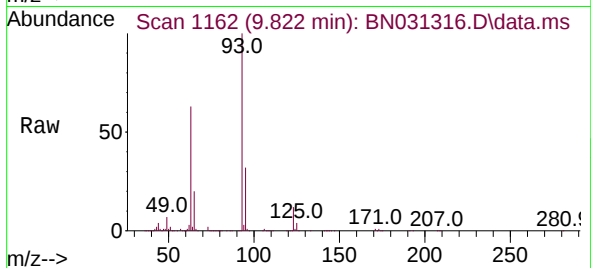




#27
 Bis(2-Chloroethoxy)methane
 Concen: 83.442 ng/ul
 RT: 9.822 min Scan# 1162
 Delta R.T. -0.000 min
 Lab File: BN031316.D
 Acq: 30 Apr 2024 11:15

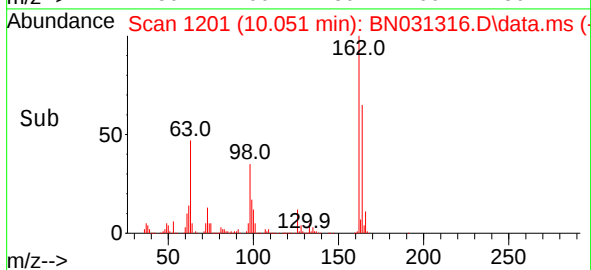
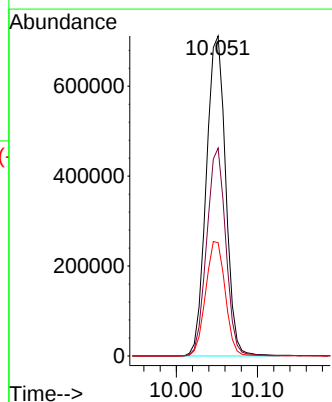
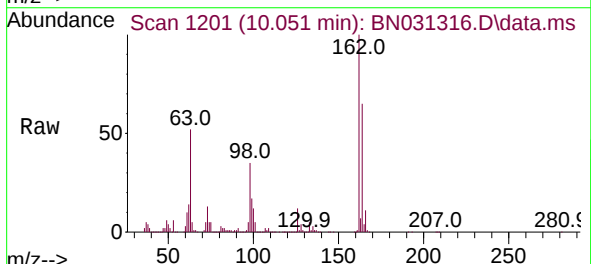
Instrument :
 BNA_N
 ClientSampleId :

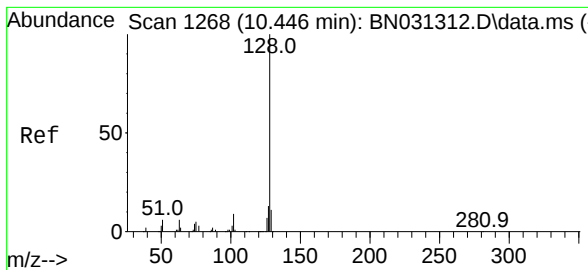
Tgt Ion: 93 Resp: 1539911
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.9 38.9
 123 11.5 9.4 14.0



#29
 2,4-Dichlorophenol
 Concen: 93.336 ng/ul
 RT: 10.051 min Scan# 1201
 Delta R.T. 0.006 min
 Lab File: BN031316.D
 Acq: 30 Apr 2024 11:15

Tgt Ion:162 Resp: 1180061
 Ion Ratio Lower Upper
 162 100
 164 65.0 52.6 78.8
 98 35.4 29.5 44.3

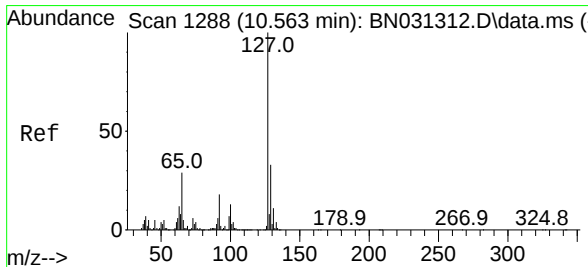
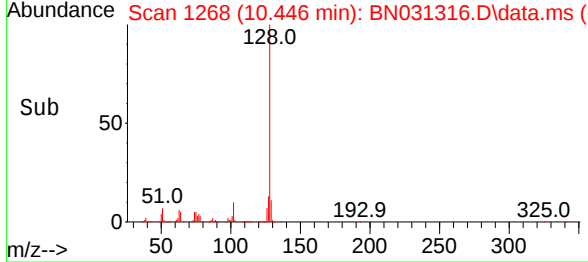
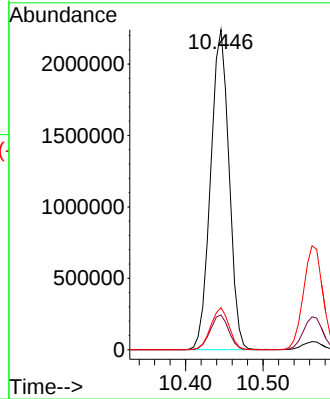
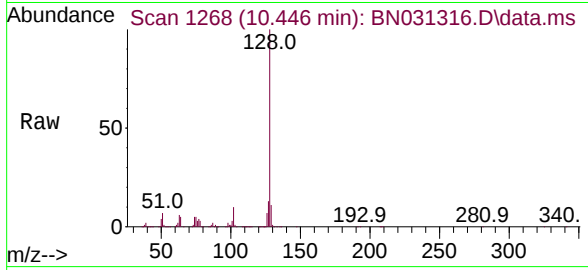




#30
Naphthalene
Concen: 84.517 ng/ul
RT: 10.446 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

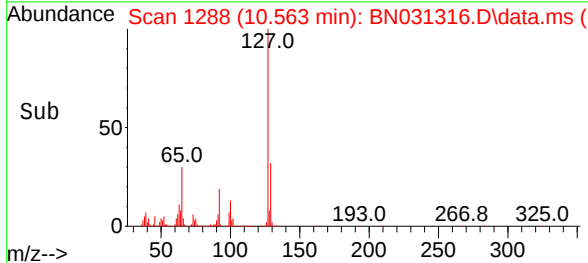
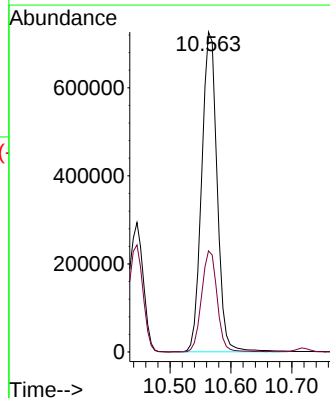
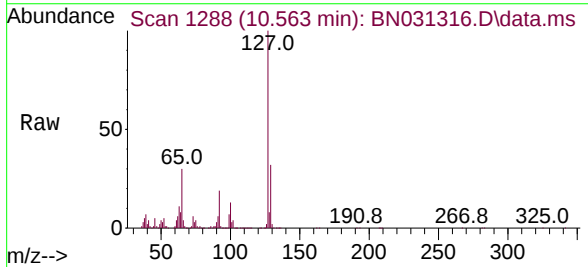
Instrument :
BNA_N
ClientSampleId :

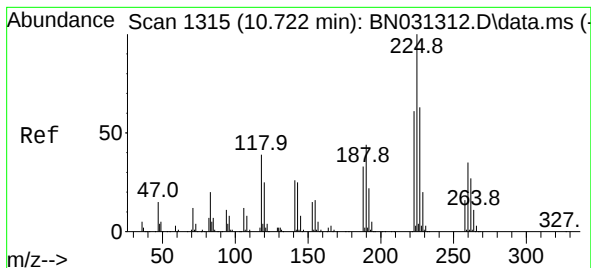
Tgt Ion:128 Resp: 3692748
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.1 10.7 16.1



#32
4-Chloroaniline
Concen: 71.975 ng/ul
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion:127 Resp: 1278978
Ion Ratio Lower Upper
127 100
129 31.6 26.8 40.2





#33

Hexachlorobutadiene

Concen: 87.094 ng/ul

RT: 10.716 min Scan# 1429

Delta R.T. -0.006 min

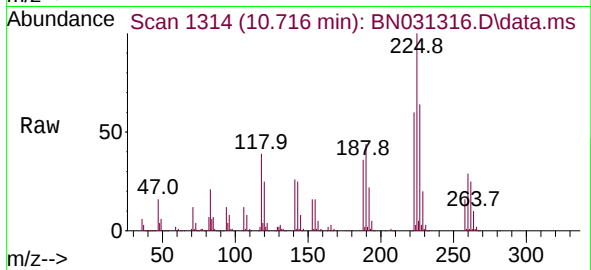
Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :



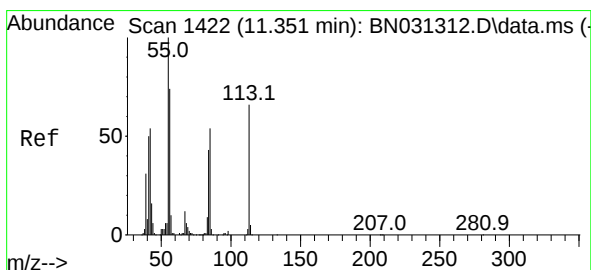
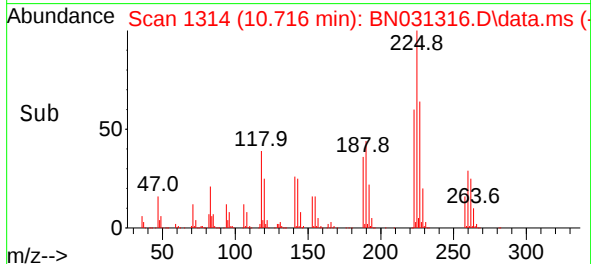
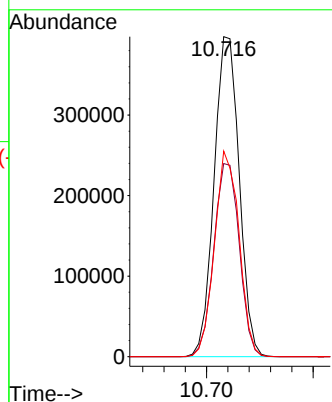
Tgt Ion:225 Resp: 650915

Ion Ratio Lower Upper

225 100

223 60.3 50.6 75.8

227 64.2 51.7 77.5



#34

Caprolactam

Concen: 74.667 ng/ul

RT: 11.393 min Scan# 1429

Delta R.T. 0.041 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

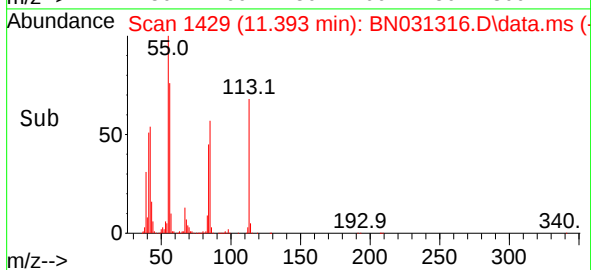
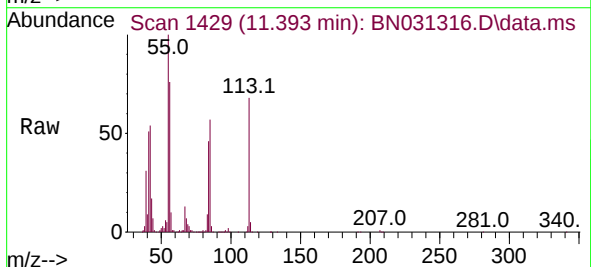
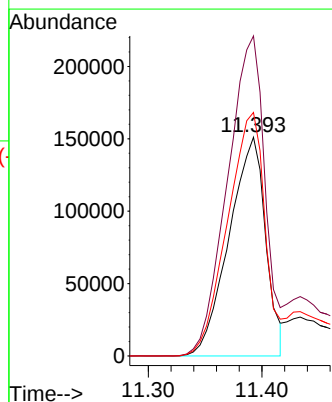
Tgt Ion:113 Resp: 337223

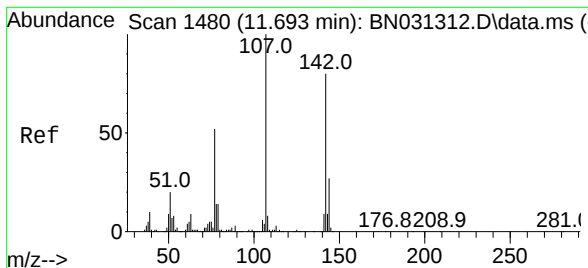
Ion Ratio Lower Upper

113 100

55 146.4 119.9 179.9

56 111.4 89.6 134.4



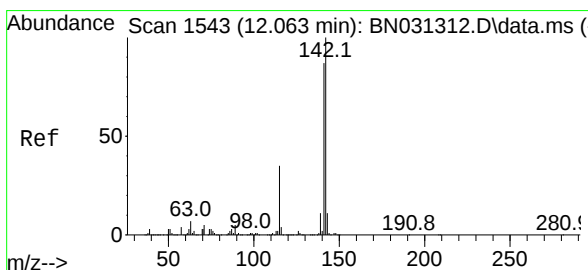
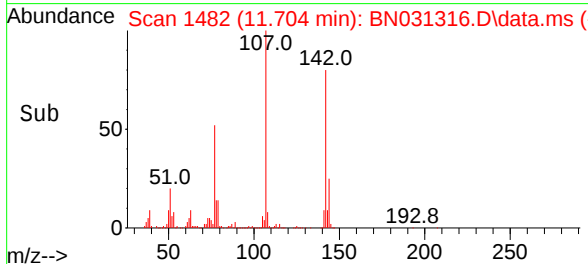
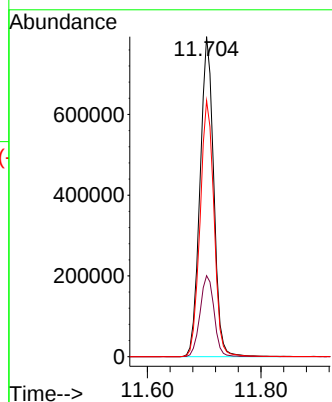
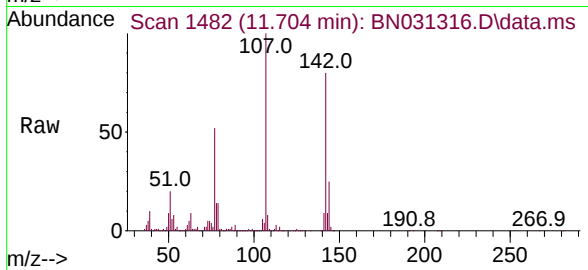


#35
 4-Chloro-3-methylphenol
 Concen: 91.487 ng/ul
 RT: 11.704 min Scan# 1482
 Delta R.T. 0.012 min
 Lab File: BN031316.D
 Acq: 30 Apr 2024 11:15

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:107 Resp: 1328574

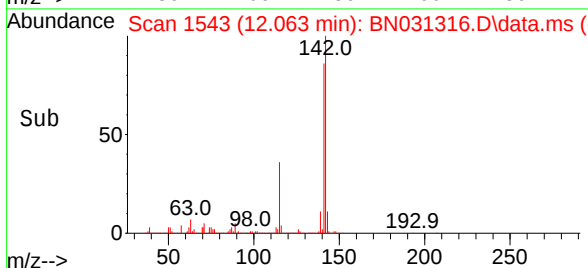
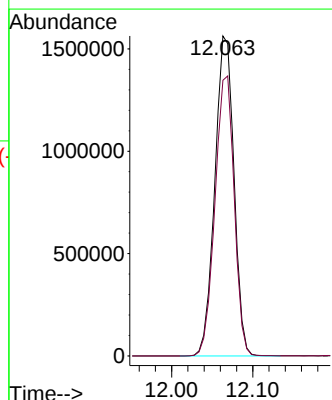
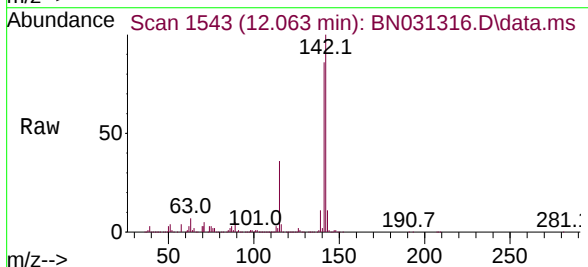
Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.7	31.1
142	80.0	66.4	99.6

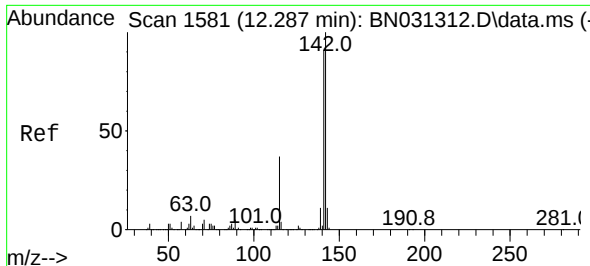


#36
 2-Methylnaphthalene
 Concen: 84.589 ng/ul
 RT: 12.063 min Scan# 1543
 Delta R.T. -0.000 min
 Lab File: BN031316.D
 Acq: 30 Apr 2024 11:15

Tgt Ion:142 Resp: 2562510

Ion	Ratio	Lower	Upper
142	100		
141	86.1	75.0	112.4

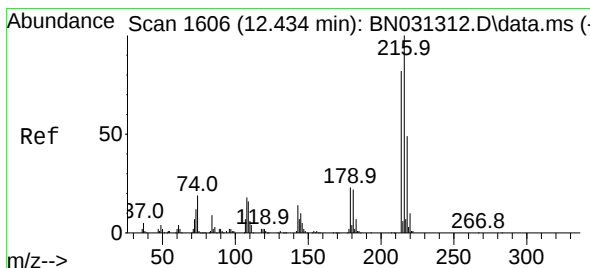
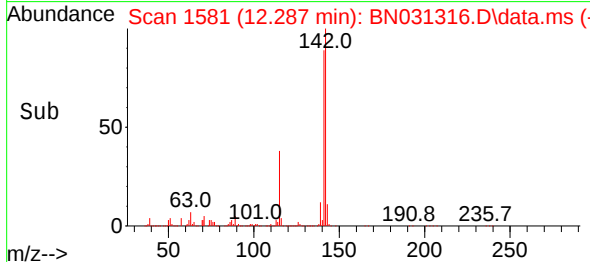
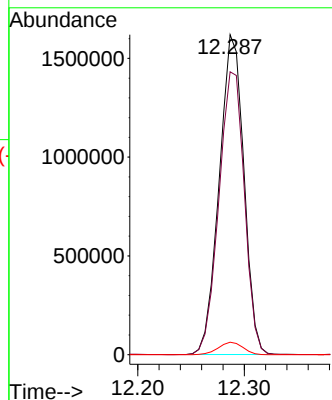
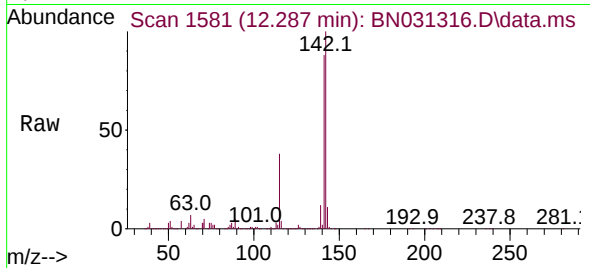




#37
1-Methylnaphthalene
Concen: 84.823 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

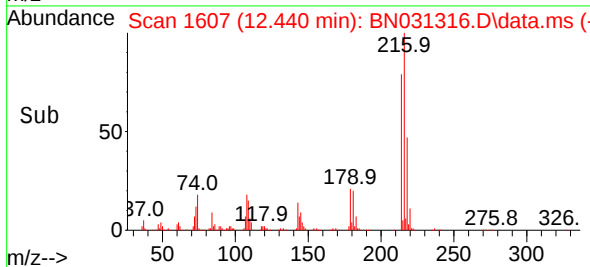
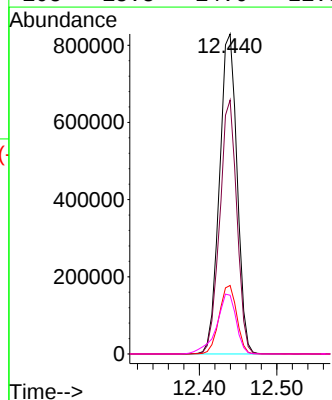
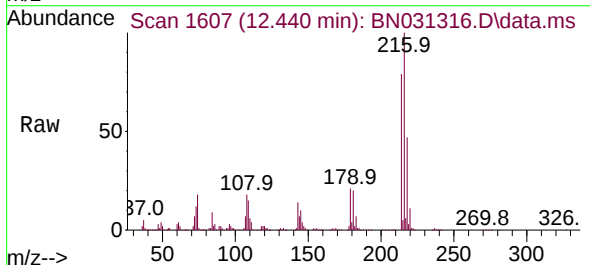
Instrument :
BNA_N
ClientSampleId :

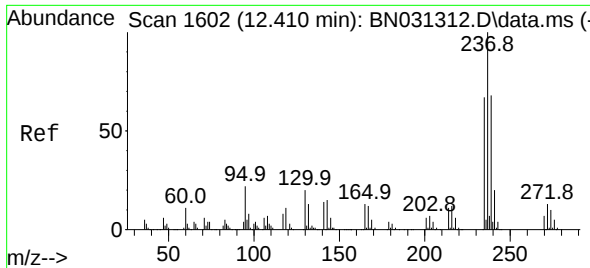
Tgt Ion:142 Resp: 2599287
Ion Ratio Lower Upper
142 100
141 88.4 72.5 108.7
116 3.9 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 86.539 ng/ul
RT: 12.440 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion:216 Resp: 1311941
Ion Ratio Lower Upper
216 100
214 79.3 64.5 96.7
179 21.4 17.1 25.7
108 18.3 14.6 21.8

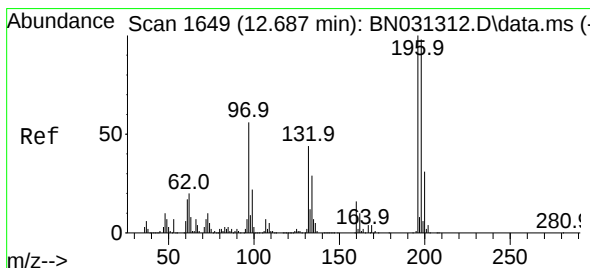
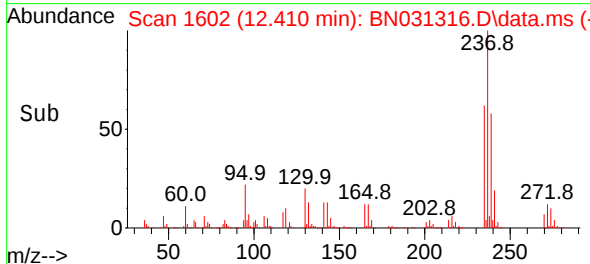
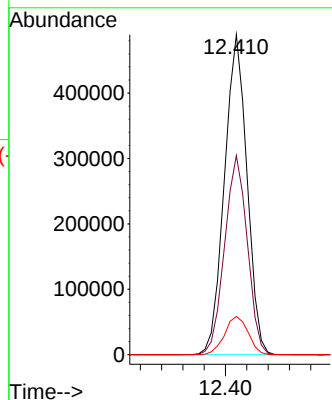
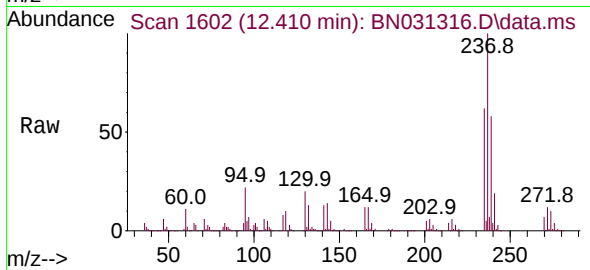




#40
Hexachlorocyclopentadiene
Concen: 84.674 ng/ul
RT: 12.410 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

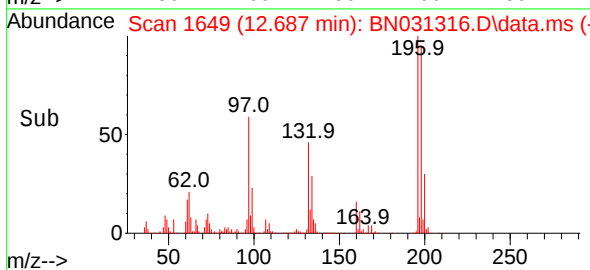
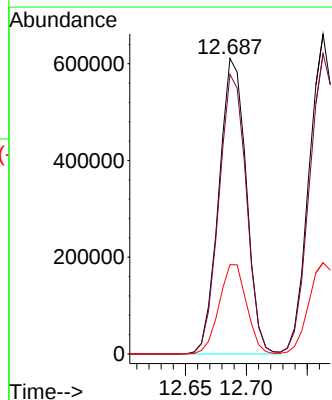
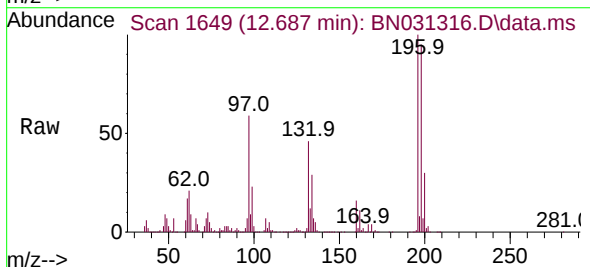
Instrument :
BNA_N
ClientSampleId :

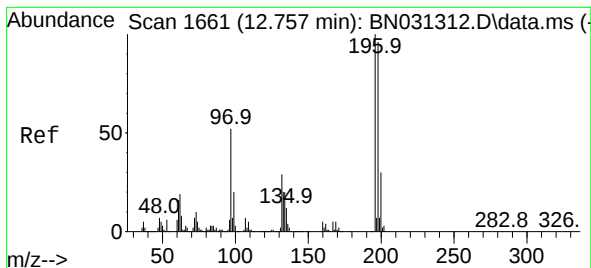
Tgt Ion:237 Resp: 718538
Ion Ratio Lower Upper
237 100
235 62.2 52.2 78.2
272 12.6 9.3 13.9



#41
2,4,6-Trichlorophenol
Concen: 91.642 ng/ul
RT: 12.687 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion:196 Resp: 955125
Ion Ratio Lower Upper
196 100
198 94.6 75.1 112.7
200 30.2 24.2 36.4





#42

2,4,5-Trichlorophenol

Concen: 91.228 ng/ul

RT: 12.763 min Scan# 1

Delta R.T. 0.006 min

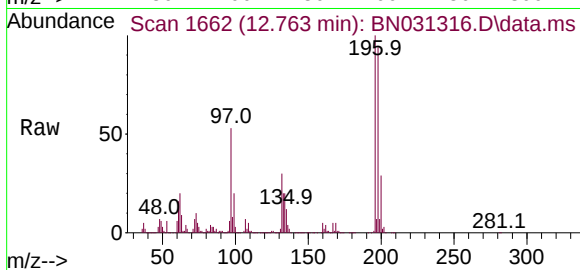
Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :



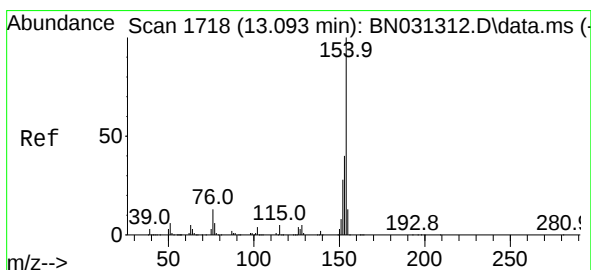
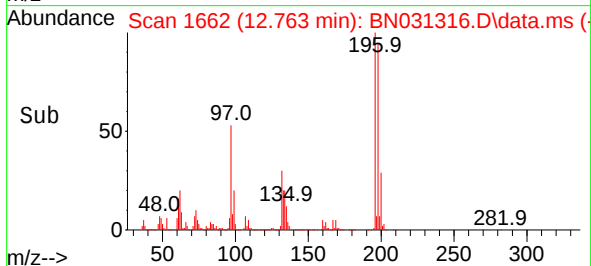
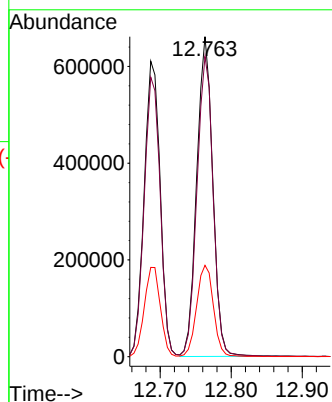
Tgt Ion:196 Resp: 1036951

Ion Ratio Lower Upper

196 100

198 93.9 79.4 119.2

200 28.5 26.6 40.0



#43

1,1'-Biphenyl

Concen: 82.402 ng/ul

RT: 13.092 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

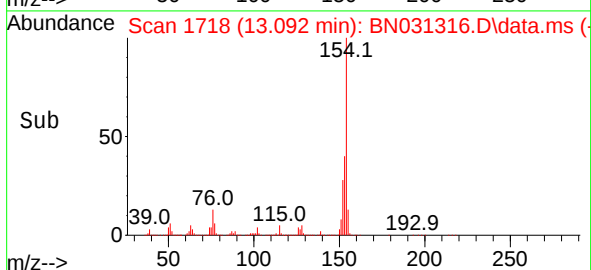
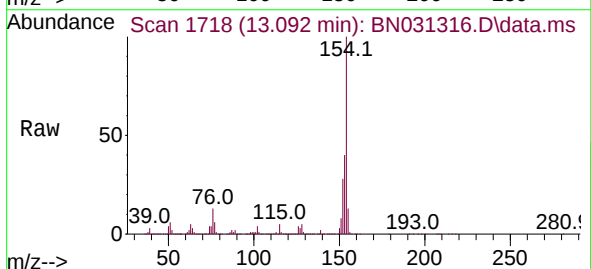
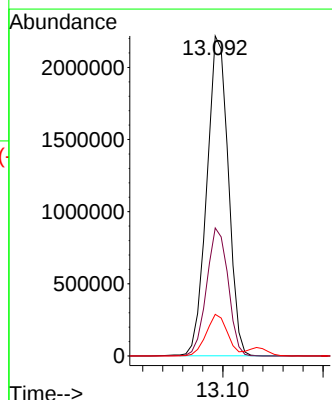
Tgt Ion:154 Resp: 3287431

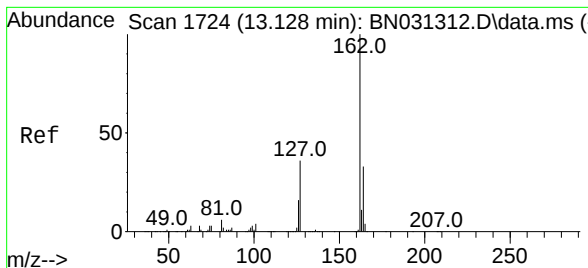
Ion Ratio Lower Upper

154 100

153 40.0 30.7 46.1

76 13.0 9.8 14.8





#44

2-Chloronaphthalene

Concen: 81.839 ng/ul

RT: 13.134 min Scan# 1724

Delta R.T. 0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :

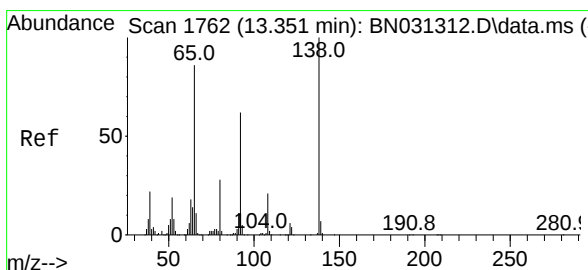
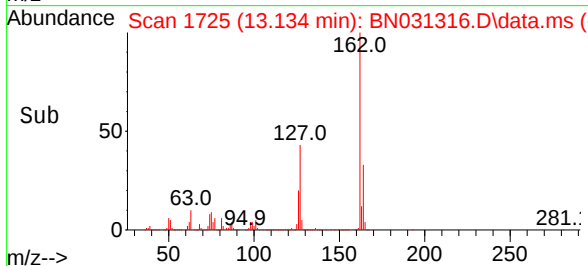
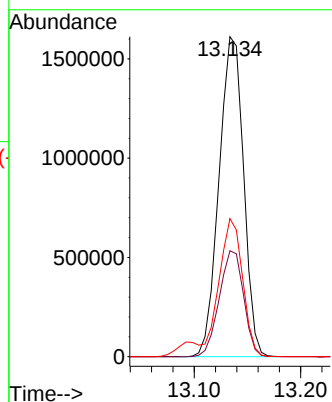
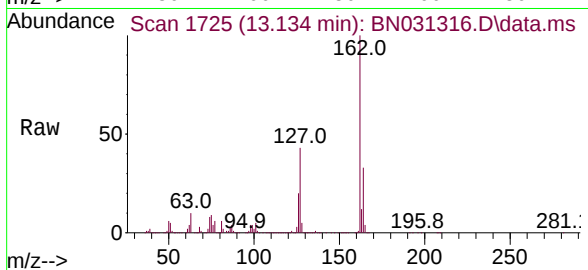
Tgt Ion:162 Resp: 2578560

Ion Ratio Lower Upper

162 100

164 33.1 26.0 39.0

127 43.2 32.5 48.7



#45

2-Nitroaniline

Concen: 96.377 ng/ul

RT: 13.357 min Scan# 1763

Delta R.T. 0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

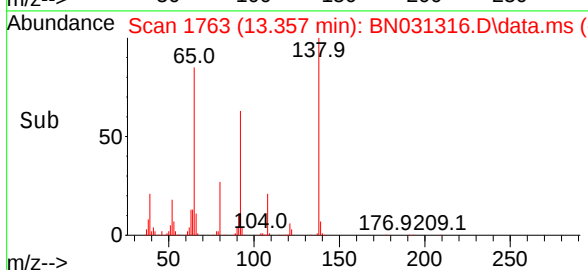
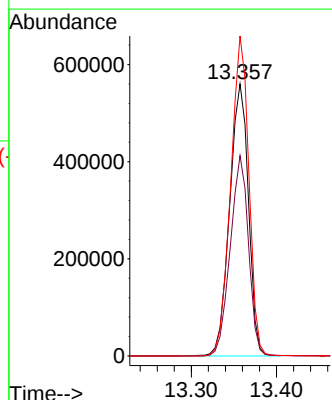
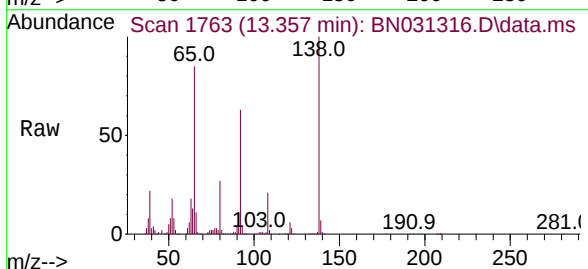
Tgt Ion: 65 Resp: 860132

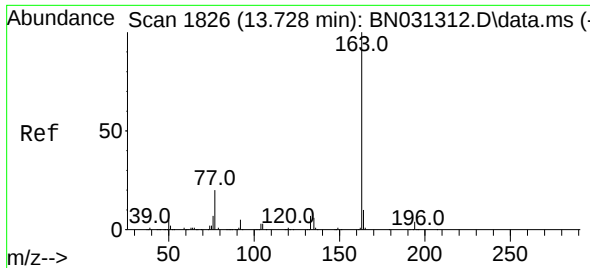
Ion Ratio Lower Upper

65 100

92 73.7 58.5 87.7

138 117.7 90.6 136.0

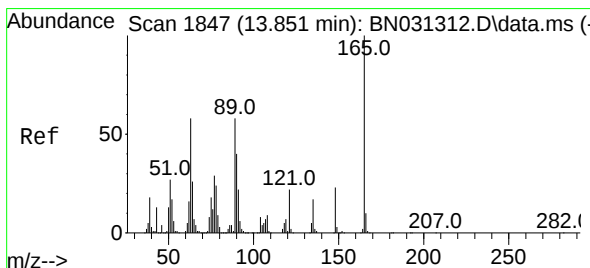
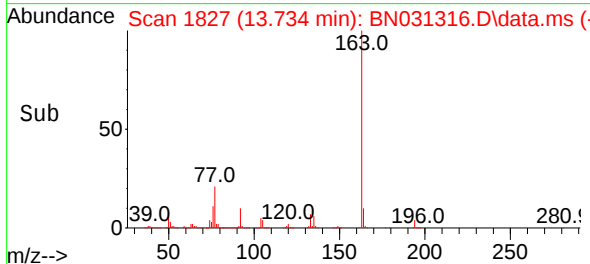
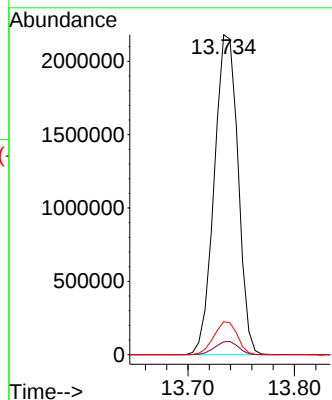
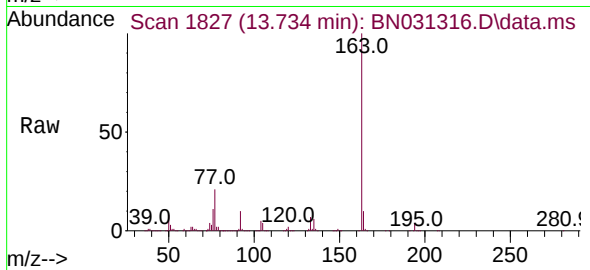




#47
Dimethylphthalate
Concen: 85.116 ng/ul
RT: 13.734 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

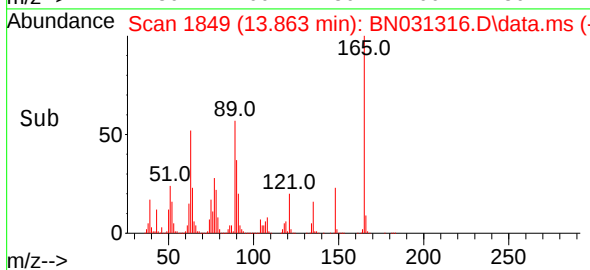
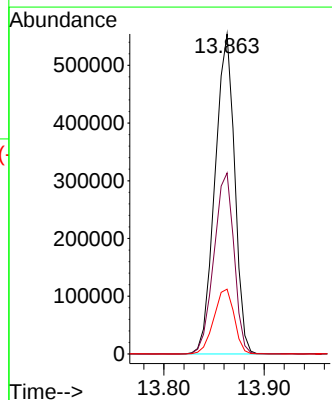
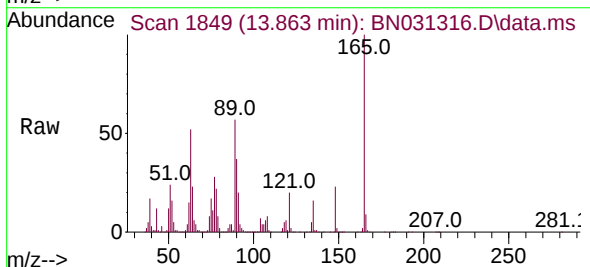
Instrument :
BNA_N
ClientSampleId :

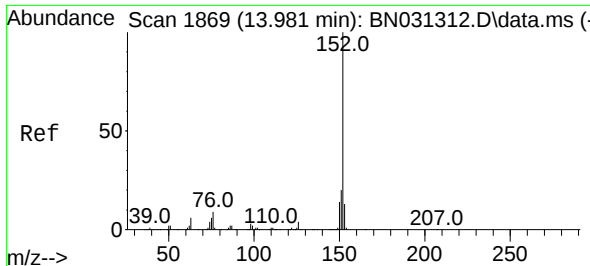
Tgt Ion:163 Resp: 3377195
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 97.541 ng/ul
RT: 13.863 min Scan# 1849
Delta R.T. 0.012 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion:165 Resp: 755161
Ion Ratio Lower Upper
165 100
89 56.5 45.9 68.9
121 20.3 17.9 26.9

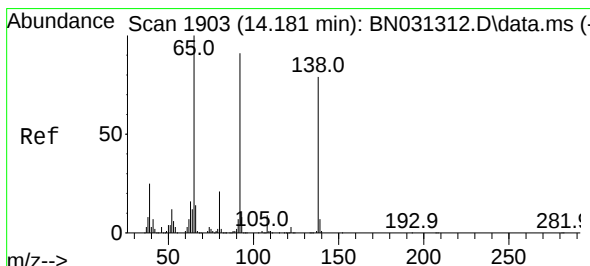
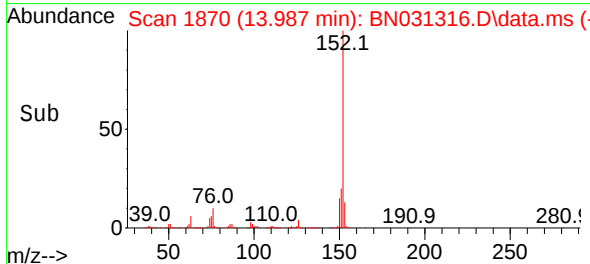
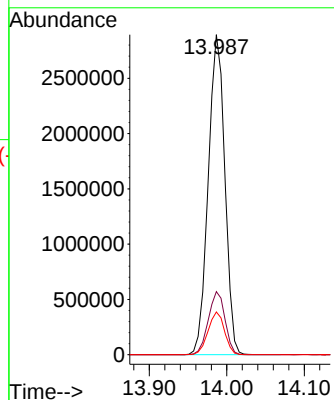
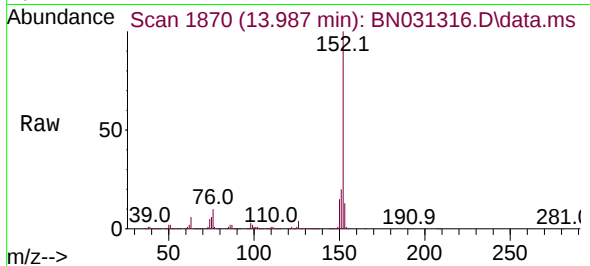




#50
Acenaphthylene
Concen: 84.109 ng/ul
RT: 13.987 min Scan# 1869
Delta R.T. 0.006 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

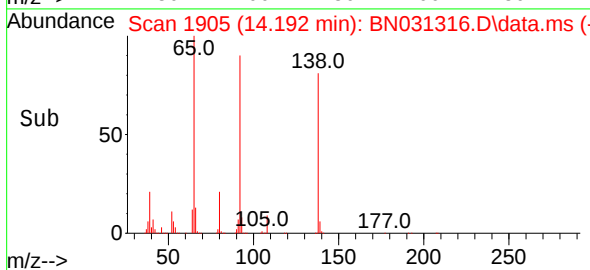
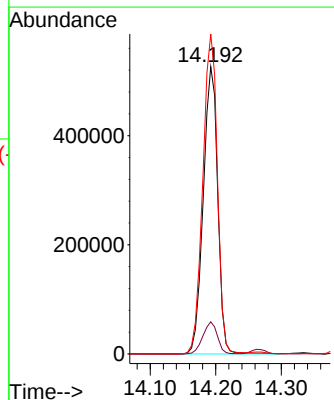
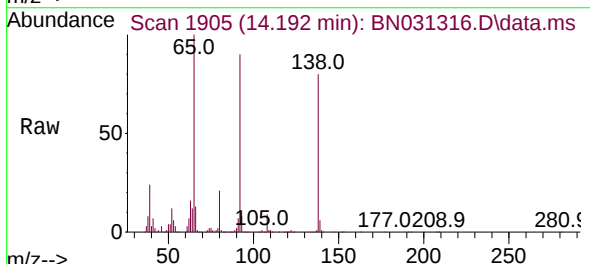
Instrument :
BNA_N
ClientSampleId :

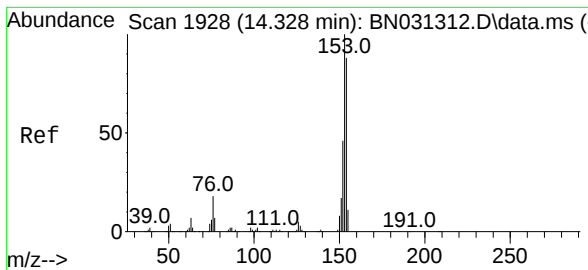
Tgt Ion:152 Resp: 4300555
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.4 10.6 15.8



#51
3-Nitroaniline
Concen: 96.870 ng/ul
RT: 14.192 min Scan# 1905
Delta R.T. 0.012 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion:138 Resp: 807699
Ion Ratio Lower Upper
138 100
108 11.2 9.4 14.2
92 111.4 91.4 137.0



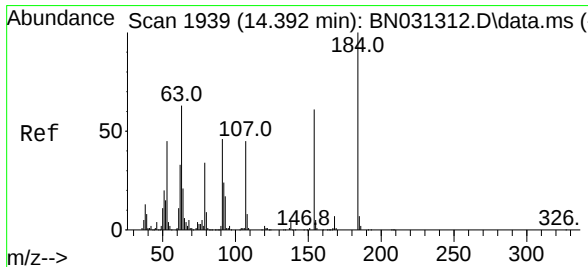
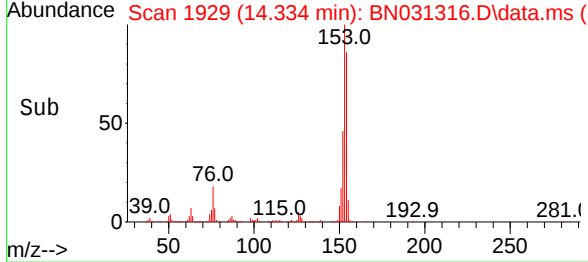
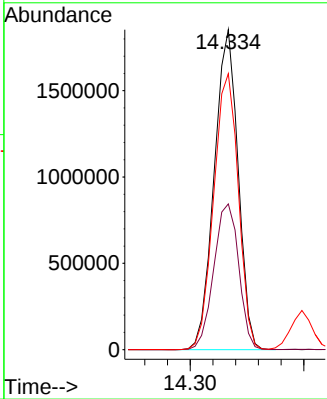
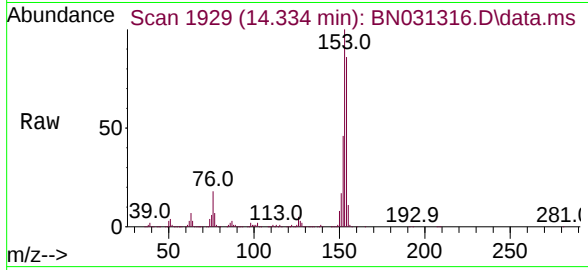


#52
 Acenaphthene
 Concen: 79.737 ng/ul
 RT: 14.334 min Scan# 1929
 Delta R.T. 0.006 min
 Lab File: BN031316.D
 Acq: 30 Apr 2024 11:15

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:153 Resp: 2704567

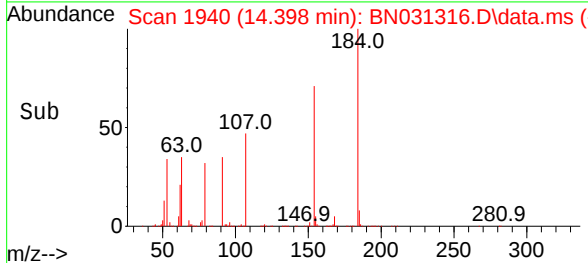
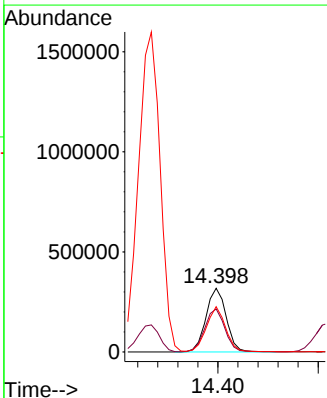
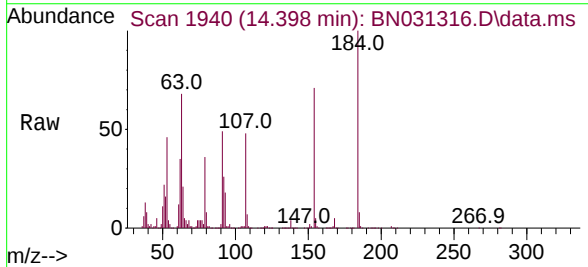
Ion	Ratio	Lower	Upper
153	100		
152	45.5	38.3	57.5
154	86.3	70.7	106.1

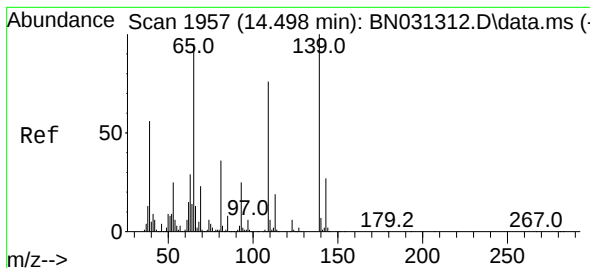


#53
 2,4-Dinitrophenol
 Concen: 100.956 ng/ul
 RT: 14.398 min Scan# 1940
 Delta R.T. 0.006 min
 Lab File: BN031316.D
 Acq: 30 Apr 2024 11:15

Tgt Ion:184 Resp: 446665

Ion	Ratio	Lower	Upper
184	100		
63	67.6	58.6	87.8
154	71.3	60.8	91.2





#55

4-Nitrophenol

Concen: 101.030 ng/ul

RT: 14.510 min Scan# 1959

Delta R.T. 0.012 min

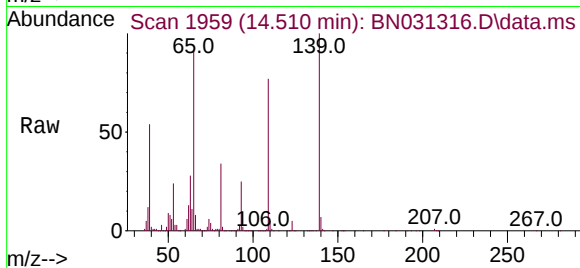
Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :



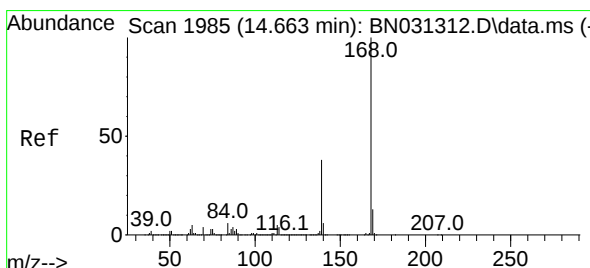
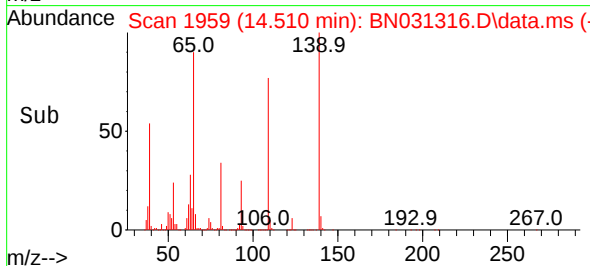
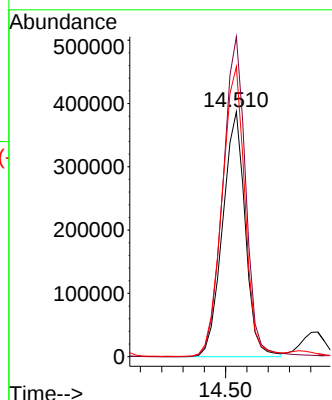
Tgt Ion:109 Resp: 568456

Ion Ratio Lower Upper

109 100

139 130.6 106.2 159.2

65 118.4 99.9 149.9



#56

Dibenzofuran

Concen: 81.751 ng/ul

RT: 14.669 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BN031316.D

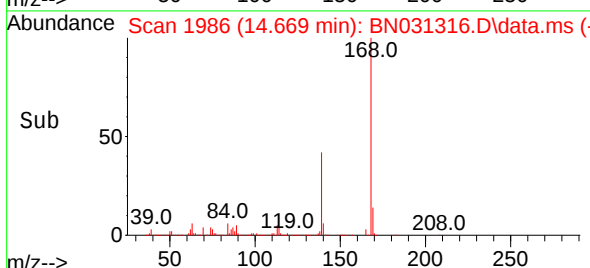
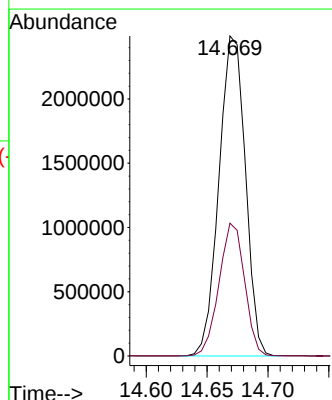
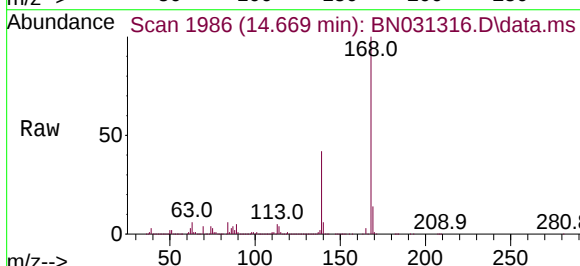
Acq: 30 Apr 2024 11:15

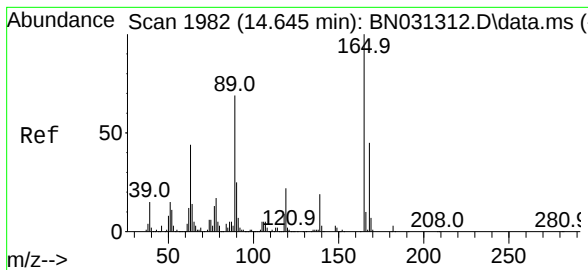
Tgt Ion:168 Resp: 3765365

Ion Ratio Lower Upper

168 100

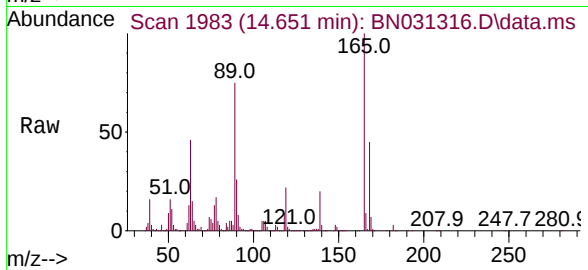
139 41.5 29.7 44.5



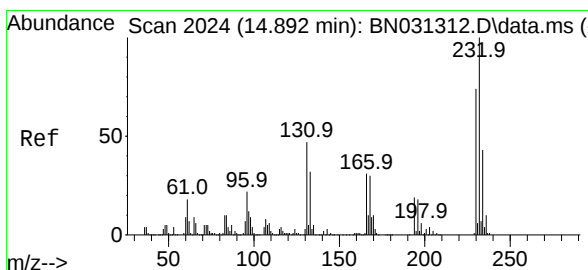
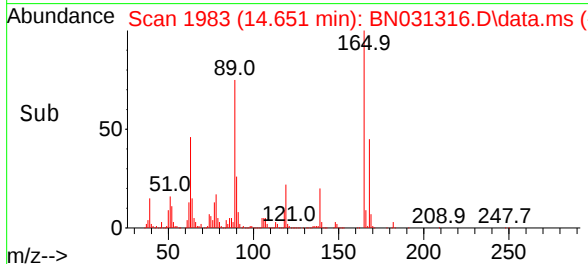
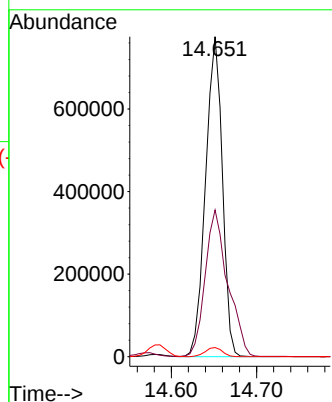


#57
2,4-Dinitrotoluene
Concen: 93.349 ng/ul
RT: 14.651 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Instrument :
BNA_N
ClientSampleId :

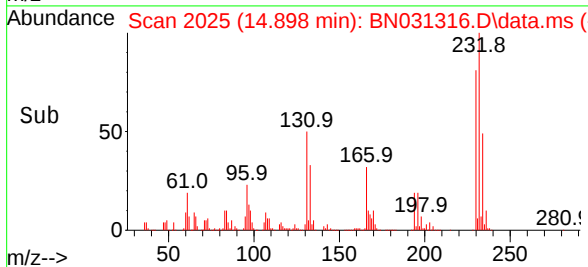
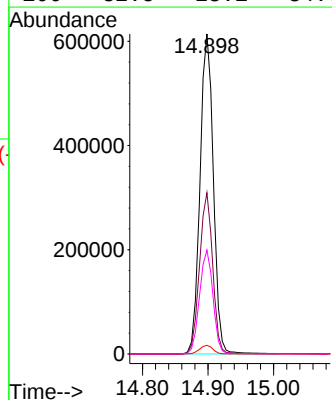
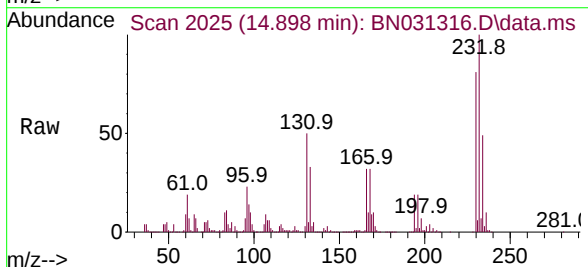


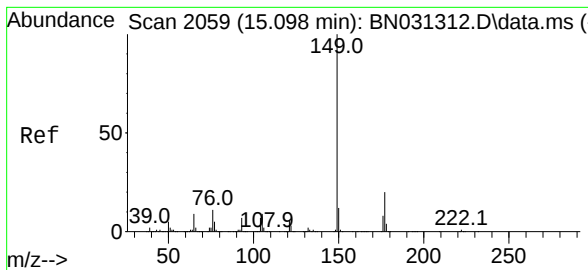
Tgt Ion:165 Resp: 1059924
Ion Ratio Lower Upper
165 100
63 45.9 34.0 51.0
182 2.8 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 91.856 ng/ul
RT: 14.898 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion:232 Resp: 872695
Ion Ratio Lower Upper
232 100
131 50.4 35.9 53.9
130 2.7 1.9 2.9
166 32.5 23.1 34.7





#59

Diethylphthalate

Concen: 85.054 ng/ul

RT: 15.110 min Scan# 2061

Delta R.T. 0.012 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :

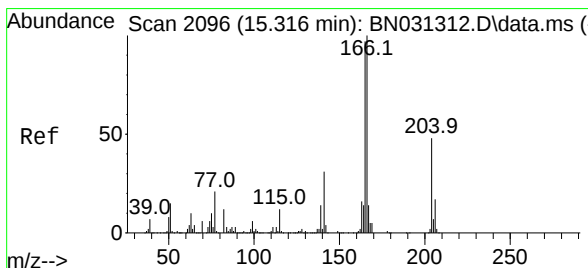
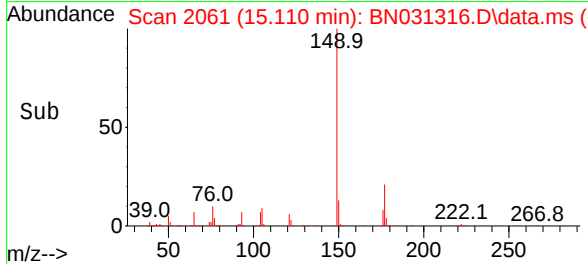
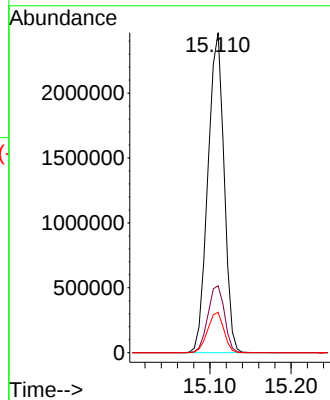
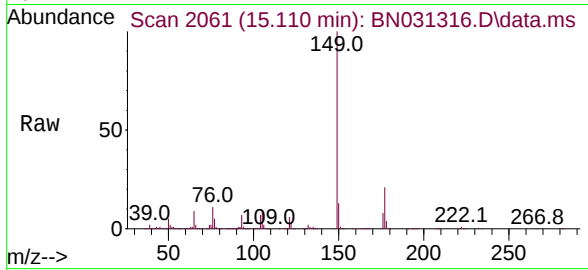
Tgt Ion:149 Resp: 3401248

Ion Ratio Lower Upper

149 100

177 20.9 17.2 25.8

150 12.6 9.4 14.2



#61

Fluorene

Concen: 77.828 ng/ul

RT: 15.322 min Scan# 2097

Delta R.T. 0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

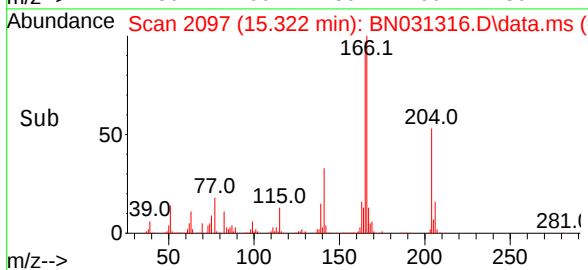
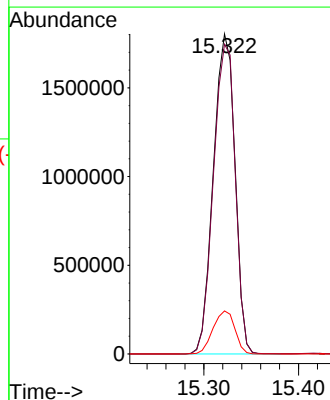
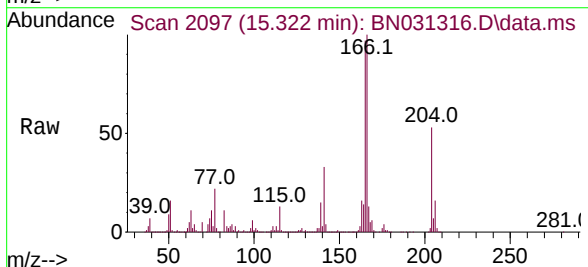
Tgt Ion:166 Resp: 2857911

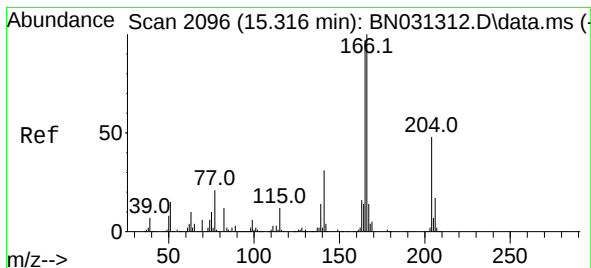
Ion Ratio Lower Upper

166 100

165 96.8 77.9 116.9

167 13.4 10.9 16.3

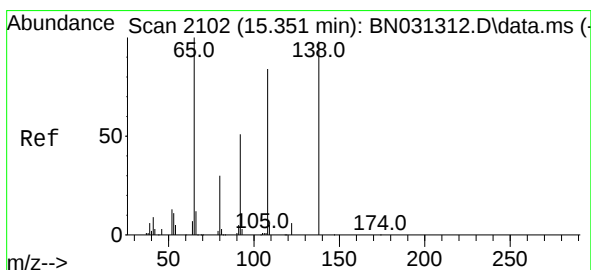
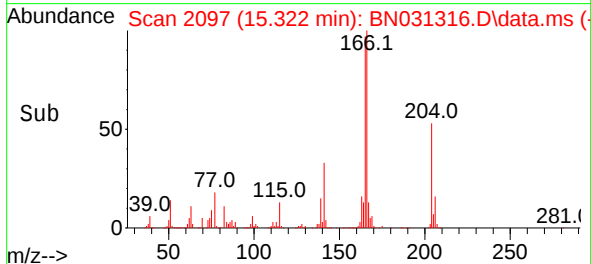
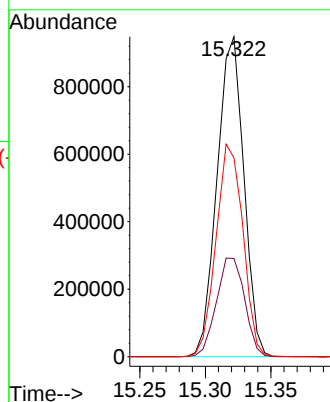
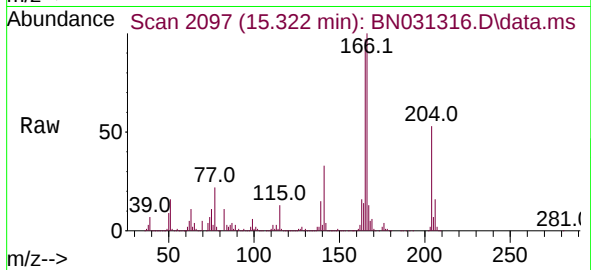




#62
4-Chlorophenyl-phenylether
Concen: 76.140 ng/ul
RT: 15.322 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

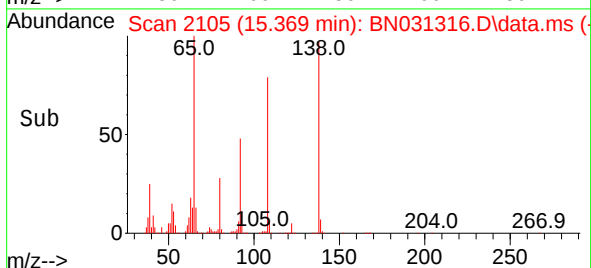
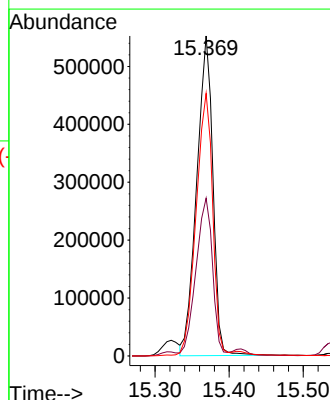
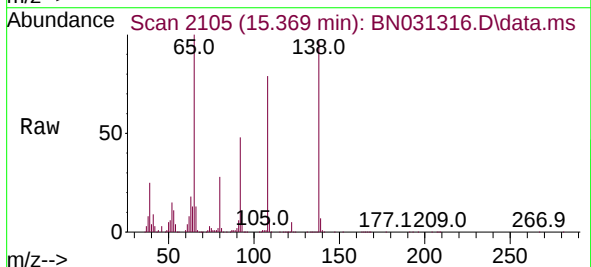
Instrument :
BNA_N
ClientSampleId :

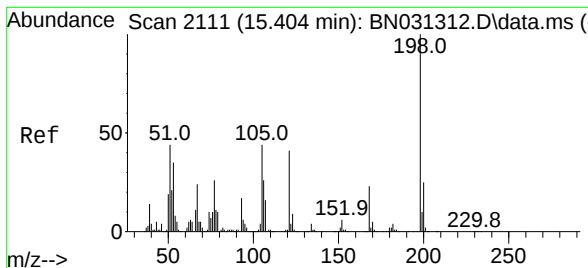
Tgt Ion:204 Resp: 1348743
Ion Ratio Lower Upper
204 100
206 30.7 25.6 38.4
141 62.2 53.4 80.0



#63
4-Nitroaniline
Concen: 109.781 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. 0.018 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion:138 Resp: 838150
Ion Ratio Lower Upper
138 100
92 49.3 40.0 60.0
108 82.0 63.2 94.8

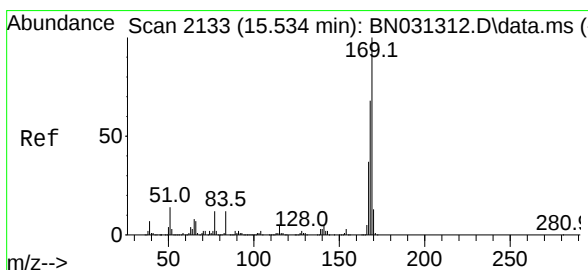
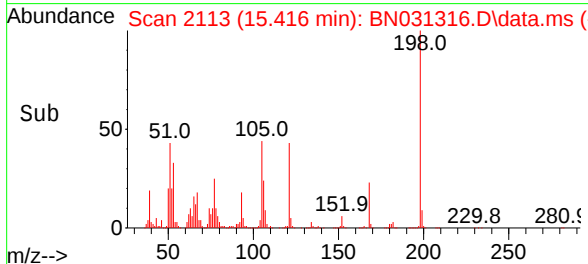
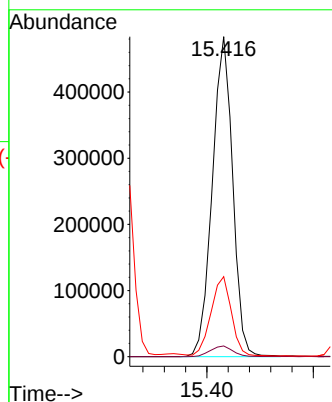
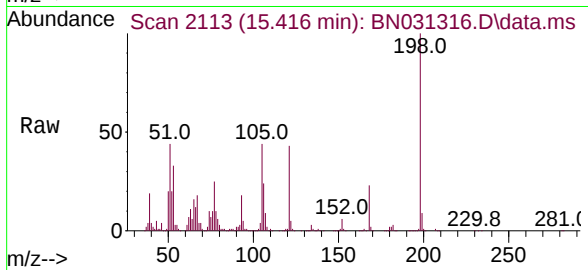




#66
4,6-Dinitro-2-methylphenol
Concen: 93.863 ng/ul
RT: 15.416 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

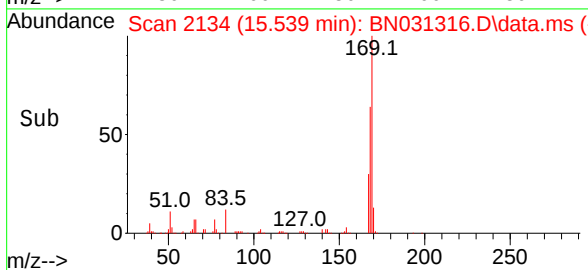
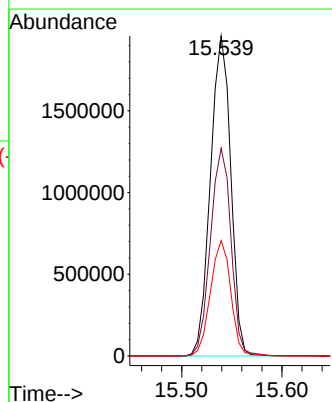
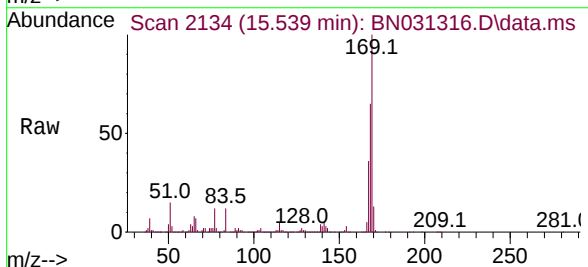
Instrument :
BNA_N
ClientSampleId :

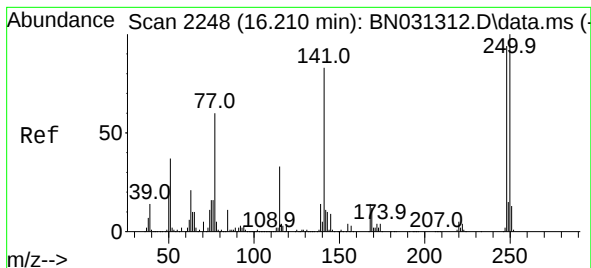
Tgt Ion:198 Resp: 642287
Ion Ratio Lower Upper
198 100
182 3.4 3.8 5.8#
77 25.0 21.3 31.9



#67
N-Nitrosodiphenylamine
Concen: 83.786 ng/ul
RT: 15.539 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion:169 Resp: 2763453
Ion Ratio Lower Upper
169 100
168 64.9 51.4 77.0
167 36.1 27.8 41.8

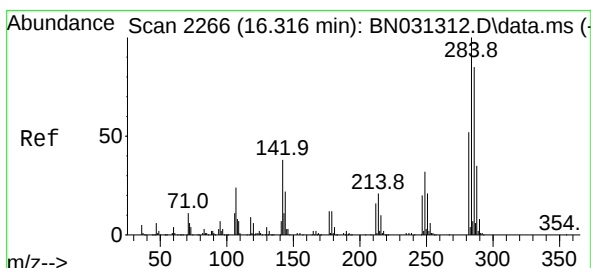
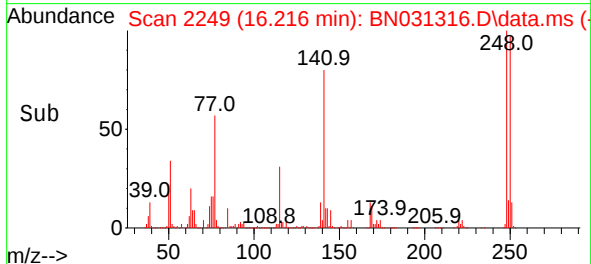
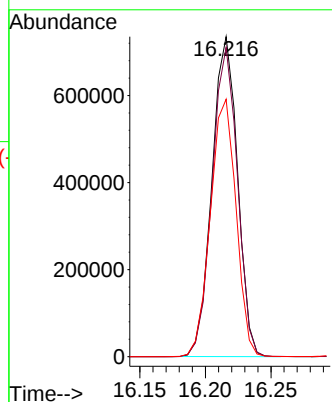
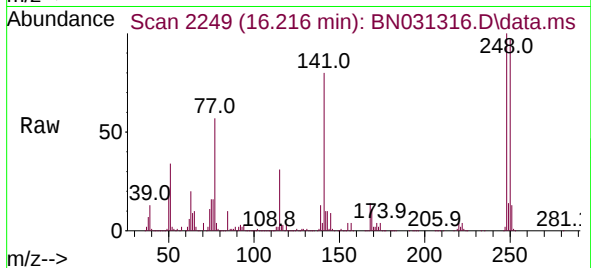




#68
4-Bromophenyl-phenylether
Concen: 85.650 ng/ul
RT: 16.216 min Scan# 2249
Delta R.T. 0.006 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

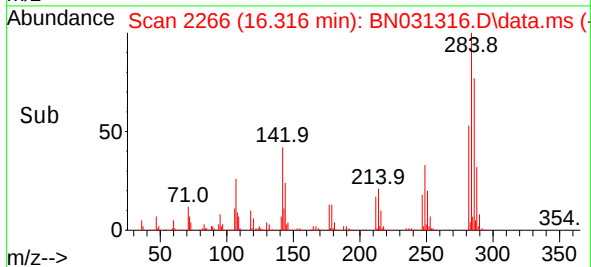
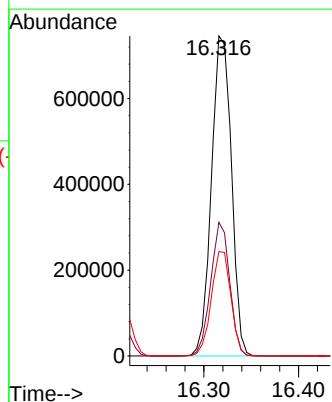
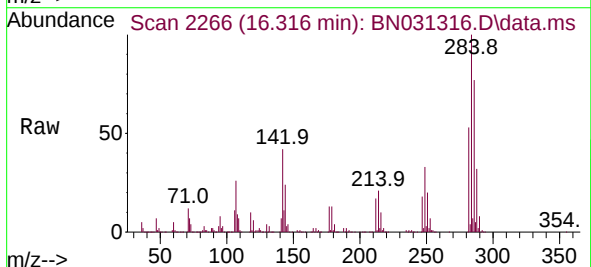
Instrument :
BNA_N
ClientSampleId :

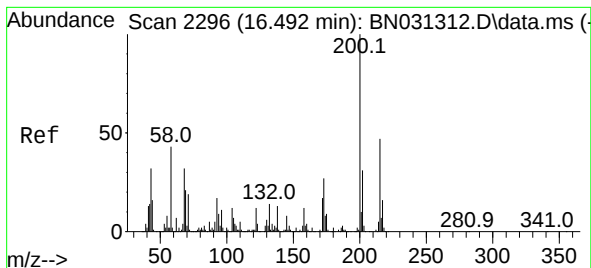
Tgt Ion:248 Resp: 994659
Ion Ratio Lower Upper
248 100
250 96.7 79.6 119.4
141 80.4 61.7 92.5



#69
Hexachlorobenzene
Concen: 81.710 ng/ul
RT: 16.316 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BN031316.D
Acq: 30 Apr 2024 11:15

Tgt Ion:284 Resp: 1094259
Ion Ratio Lower Upper
284 100
142 41.7 31.0 46.4
249 32.6 25.5 38.3





#70

Atrazine

Concen: 98.166 ng/ul

RT: 16.504 min Scan# 21

Delta R.T. 0.012 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :

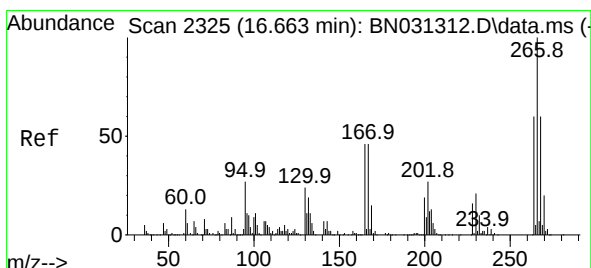
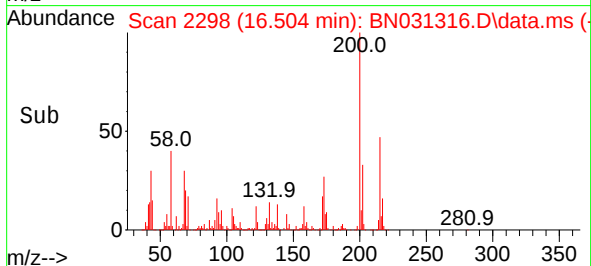
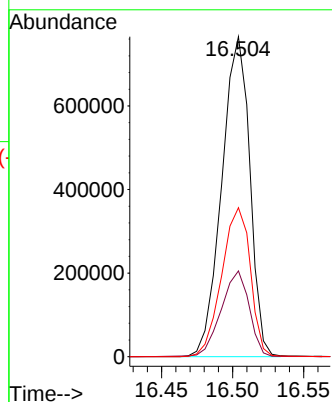
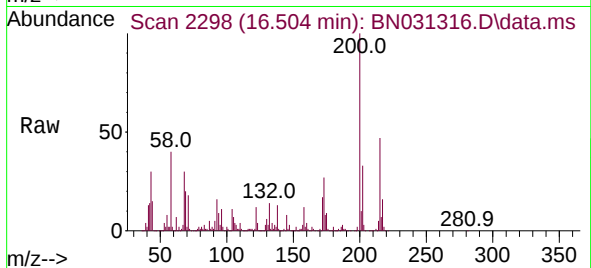
Tgt Ion:200 Resp: 1051695

Ion Ratio Lower Upper

200 100

173 26.8 23.0 34.6

215 46.6 40.7 61.1



#71

Pentachlorophenol

Concen: 98.373 ng/ul

RT: 16.669 min Scan# 2326

Delta R.T. 0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

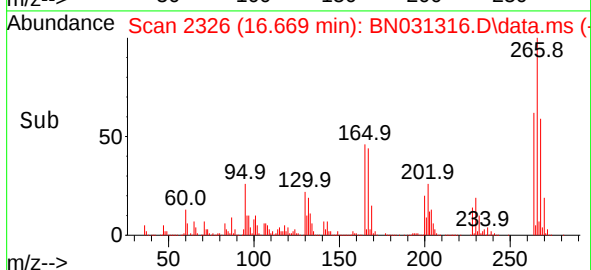
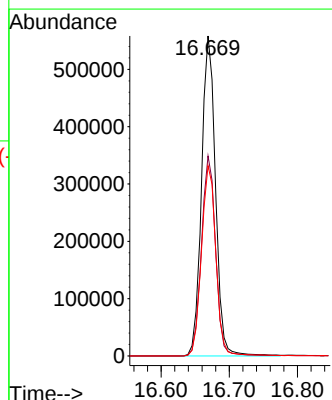
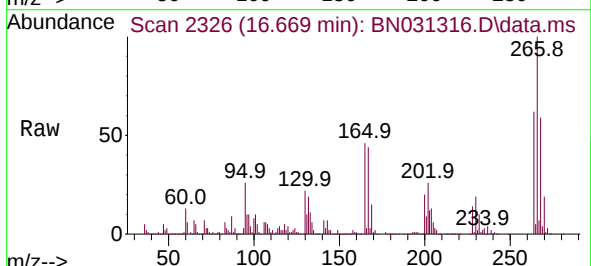
Tgt Ion:266 Resp: 797639

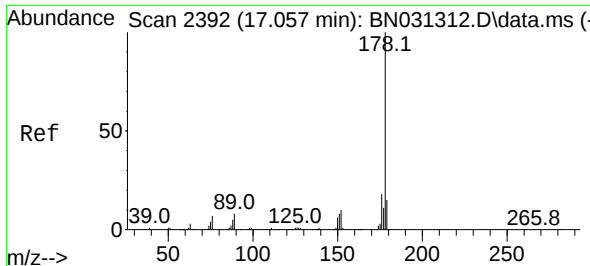
Ion Ratio Lower Upper

266 100

264 62.5 48.6 73.0

268 59.5 55.5 83.3

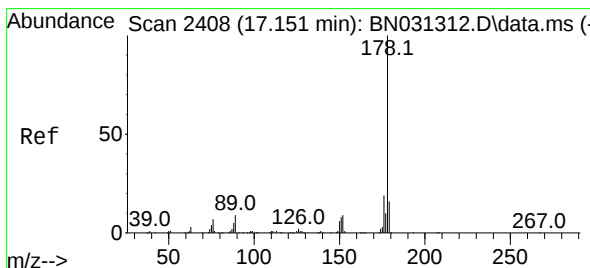
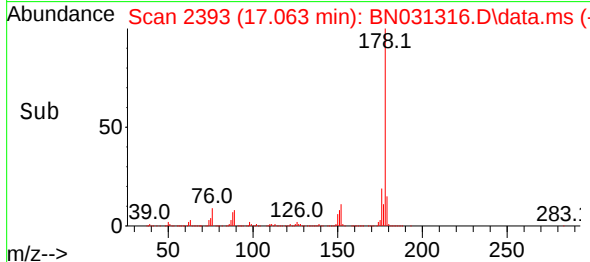
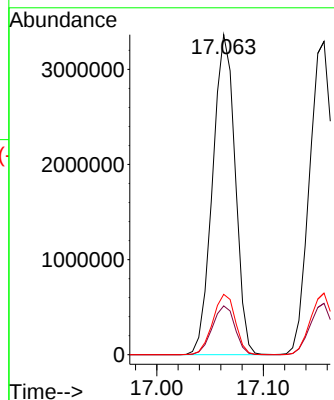
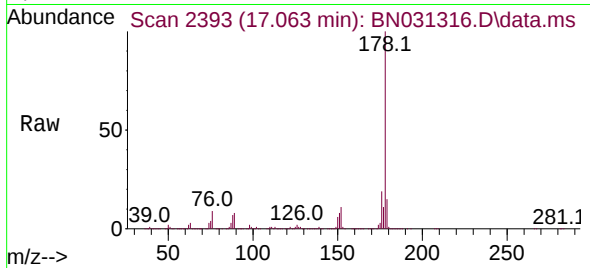




#72
 Phenanthrene
 Concen: 80.387 ng/ul
 RT: 17.063 min Scan# 2409
 Delta R.T. 0.006 min
 Lab File: BN031316.D
 Acq: 30 Apr 2024 11:15

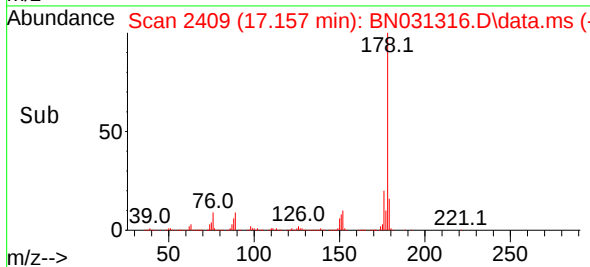
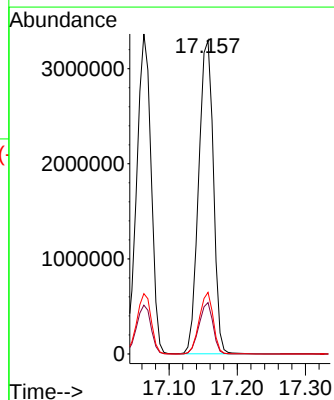
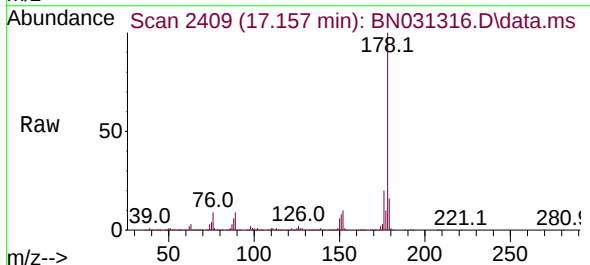
Instrument :
 BNA_N
 ClientSampleId :

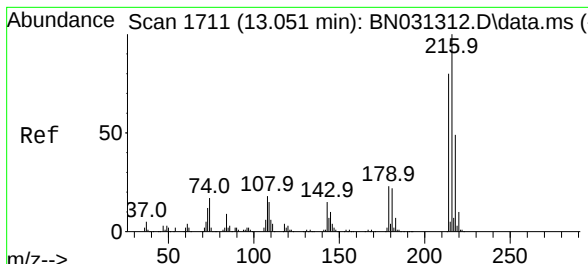
Tgt Ion:178 Resp: 4938359
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.4 18.6
 176 18.8 15.6 23.4



#74
 Anthracene
 Concen: 80.547 ng/ul
 RT: 17.157 min Scan# 2409
 Delta R.T. 0.006 min
 Lab File: BN031316.D
 Acq: 30 Apr 2024 11:15

Tgt Ion:178 Resp: 4948425
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.0 18.0
 176 19.7 15.1 22.7



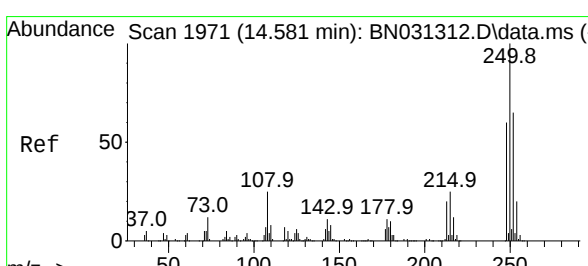
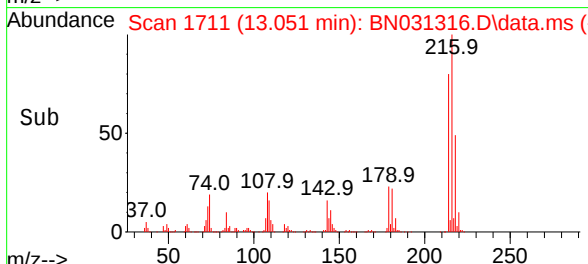
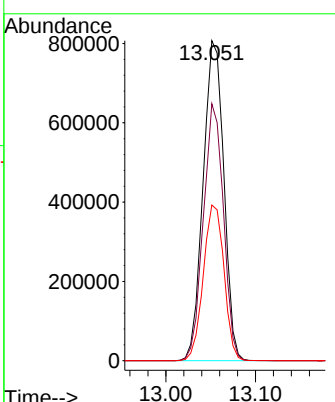
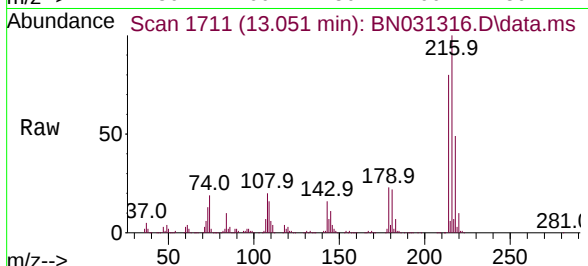


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 82.342 ng/uL
 RT: 13.051 min Scan# 1711
 Delta R.T. -0.000 min
 Lab File: BN031316.D
 Acq: 30 Apr 2024 11:15

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:216 Resp: 1294707

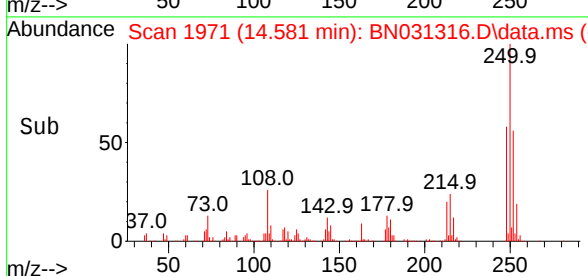
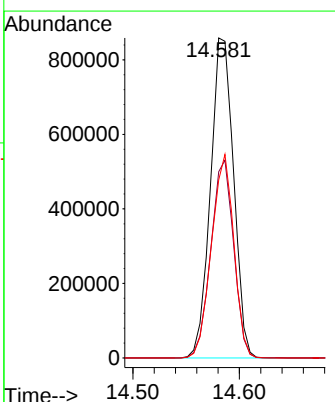
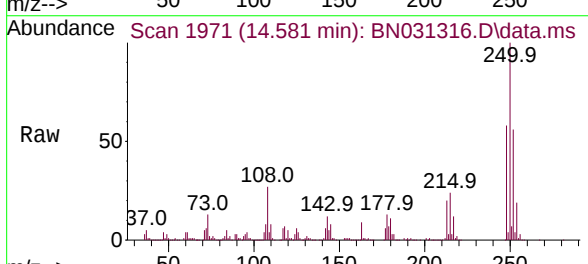
Ion	Ratio	Lower	Upper
216	100		
214	80.3	61.7	92.5
218	48.6	39.4	59.0

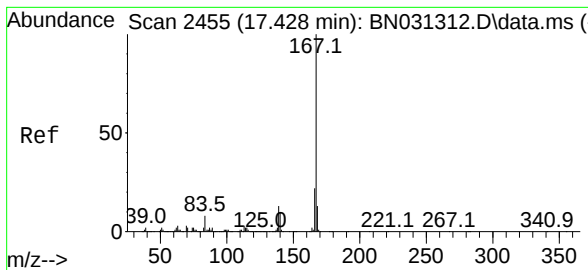


#76
 Pentachlorobenzene
 Concen: 83.938 ng/uL
 RT: 14.581 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: BN031316.D
 Acq: 30 Apr 2024 11:15

Tgt Ion:250 Resp: 1294332

Ion	Ratio	Lower	Upper
250	100		
248	58.2	51.0	76.6
252	55.7	48.2	72.2





#77

Carbazole

Concen: 87.958 ng/ul

RT: 17.433 min Scan# 2455

Delta R.T. 0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :

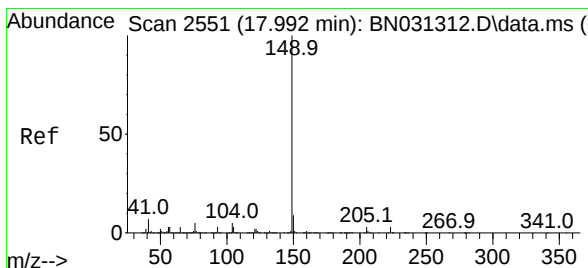
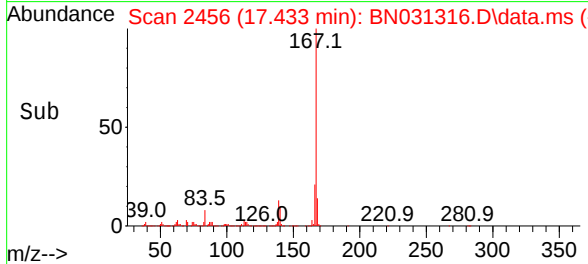
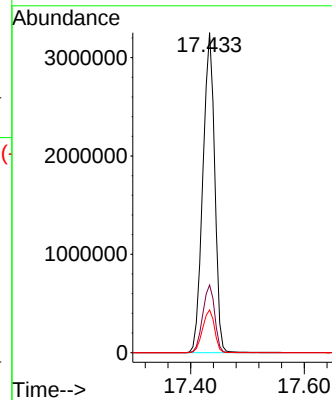
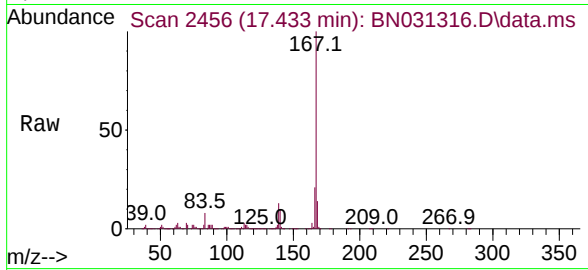
Tgt Ion:167 Resp: 4719718

Ion Ratio Lower Upper

167 100

166 21.2 16.7 25.1

139 13.4 10.4 15.6



#78

Di-n-butylphthalate

Concen: 84.360 ng/ul

RT: 17.992 min Scan# 2551

Delta R.T. -0.000 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

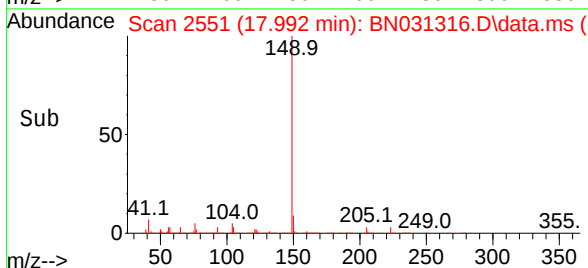
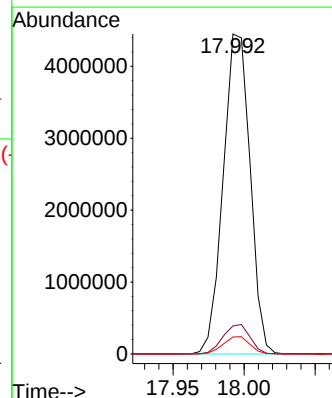
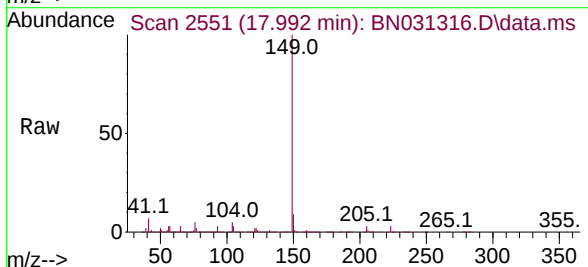
Tgt Ion:149 Resp: 5866047

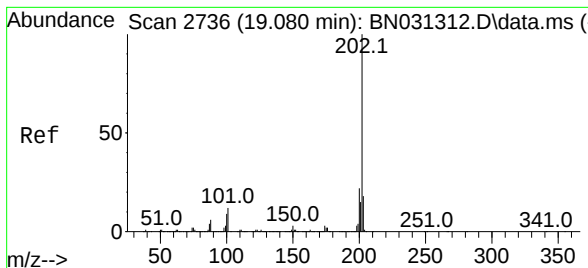
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

104 5.3 4.0 6.0





#80

Fluoranthene

Concen: 78.542 ng/ul

RT: 19.086 min Scan# 2736

Delta R.T. 0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :

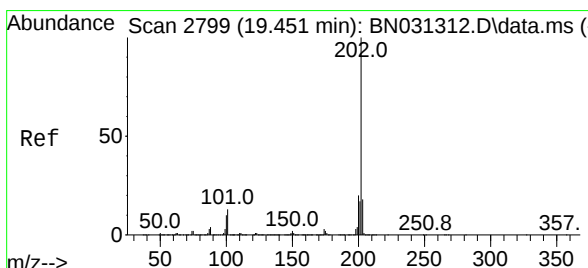
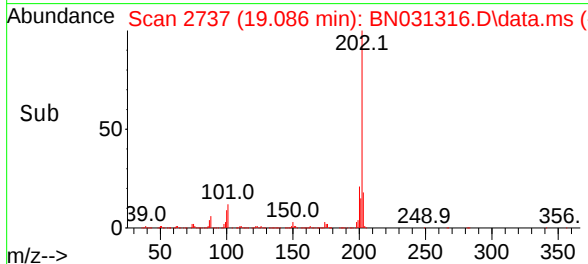
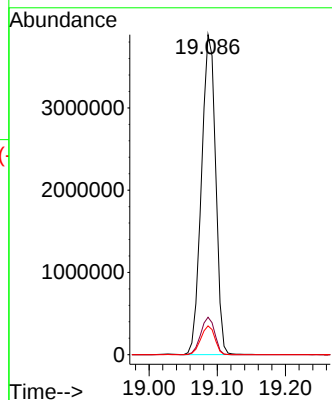
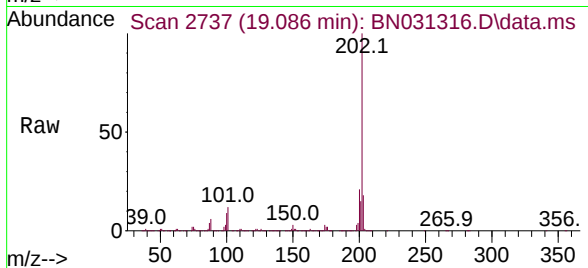
Tgt Ion:202 Resp: 5617334

Ion Ratio Lower Upper

202 100

101 11.7 9.0 13.6

100 9.0 6.7 10.1



#82

Pyrene

Concen: 79.804 ng/ul

RT: 19.451 min Scan# 2799

Delta R.T. -0.000 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

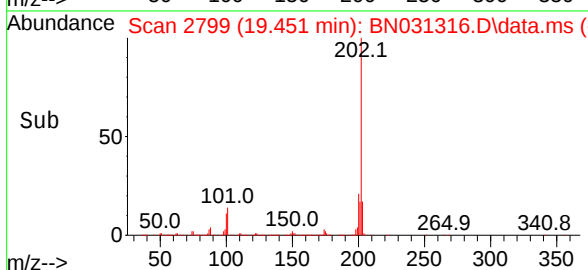
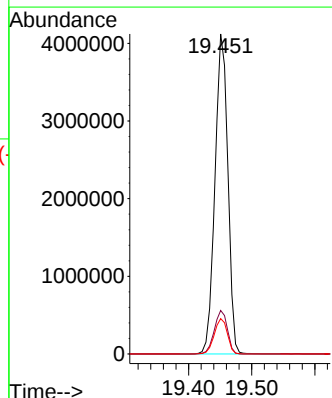
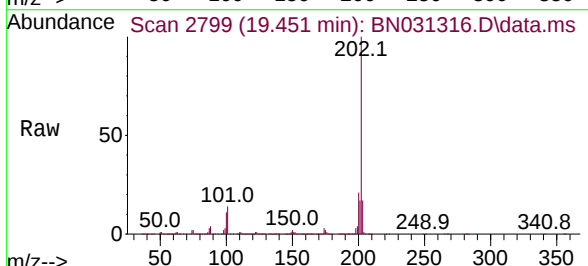
Tgt Ion:202 Resp: 5822467

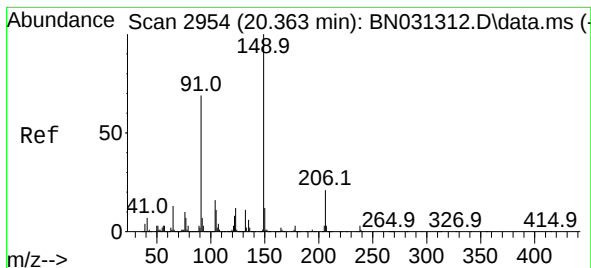
Ion Ratio Lower Upper

202 100

101 13.6 11.0 16.6

100 11.1 9.2 13.8





#83

Butylbenzylphthalate

Concen: 87.770 ng/ul

RT: 20.369 min Scan# 2954

Delta R.T. 0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

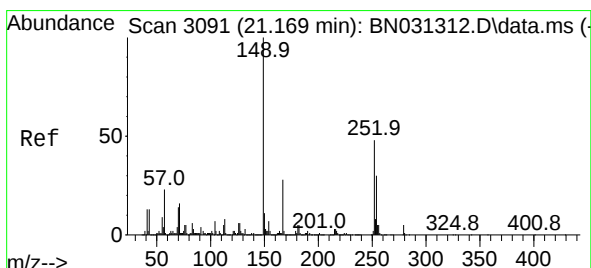
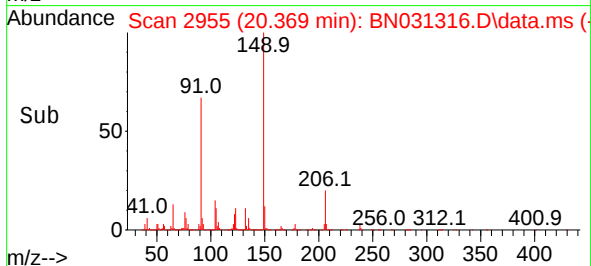
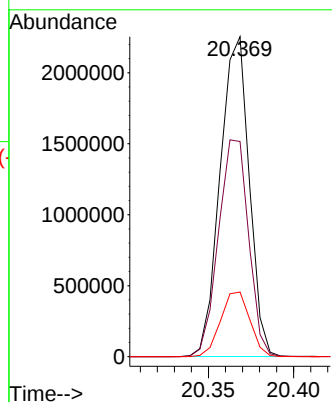
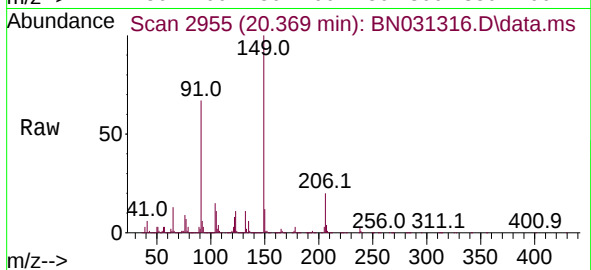
BNA_N

ClientSampleId :

Tgt Ion:149 Resp: 2675377

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
149	100		
91	67.2	56.8	85.2
206	20.2	15.7	23.5



#84

3,3'-Dichlorobenzidine

Concen: 93.599 ng/ul

RT: 21.180 min Scan# 3093

Delta R.T. 0.012 min

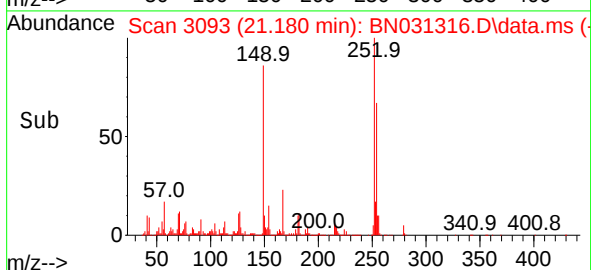
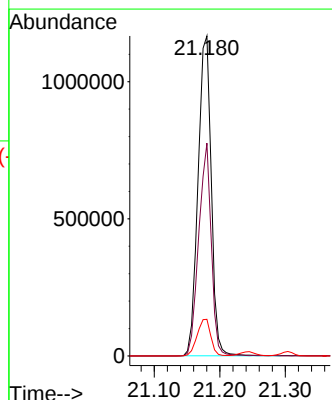
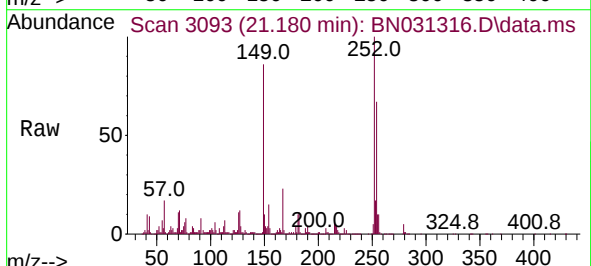
Lab File: BN031316.D

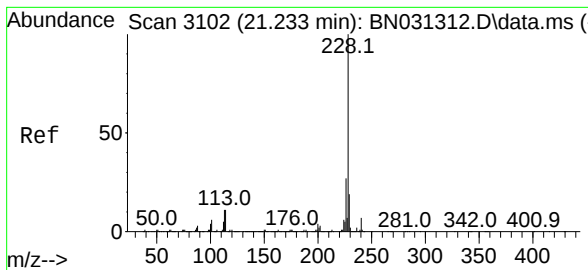
Acq: 30 Apr 2024 11:15

Tgt Ion:252 Resp: 1640534

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.7	77.5
126	11.4	9.9	14.9





#85

Benzo(a)anthracene

Concen: 82.001 ng/ul

RT: 21.245 min Scan# 3104

Delta R.T. 0.012 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :

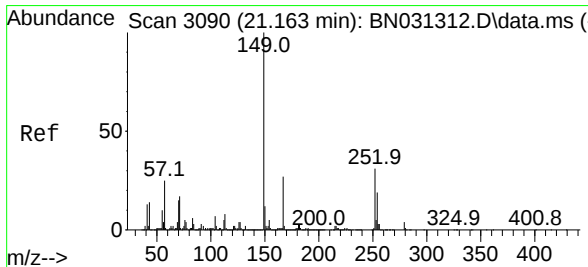
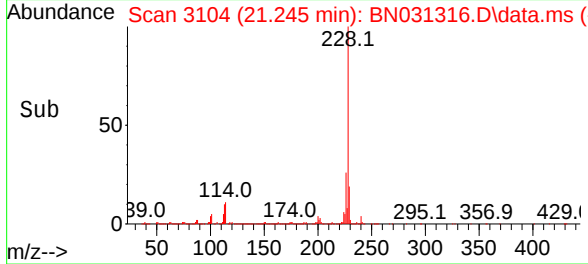
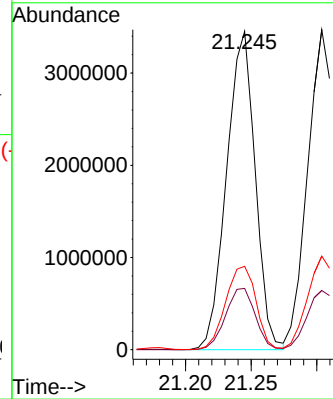
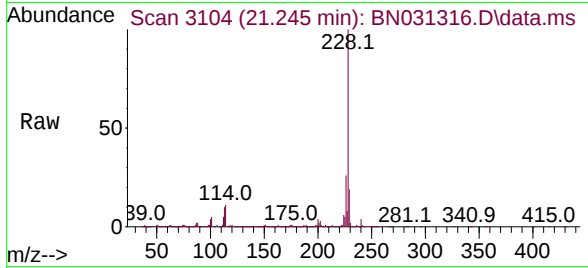
Tgt Ion:228 Resp: 5242314

Ion Ratio Lower Upper

228 100

229 19.3 15.9 23.9

226 26.2 21.1 31.7



#86

Bis(2-ethylhexyl)phthalate

Concen: 82.650 ng/ul

RT: 21.169 min Scan# 3091

Delta R.T. 0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

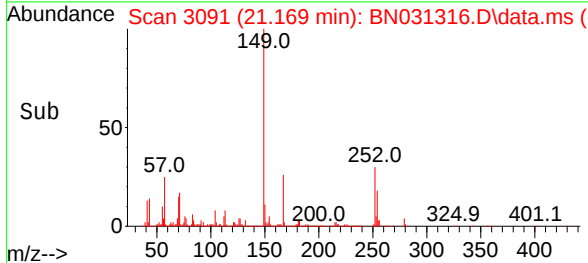
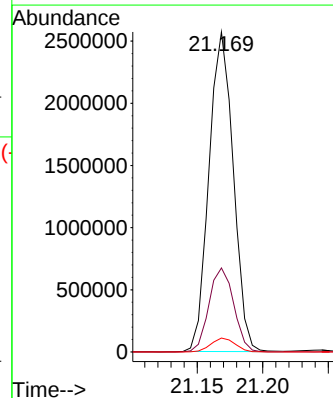
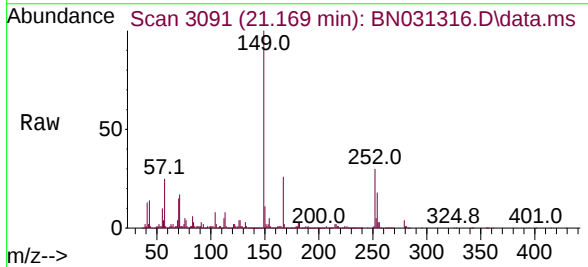
Tgt Ion:149 Resp: 3314624

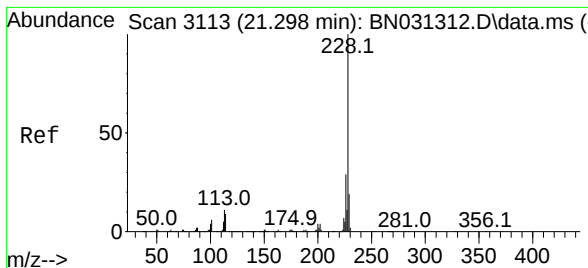
Ion Ratio Lower Upper

149 100

167 26.3 22.1 33.1

279 4.3 3.4 5.0





#87

Chrysene

Concen: 83.571 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. 0.006 min

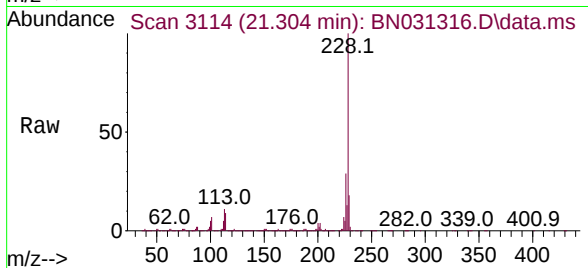
Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :



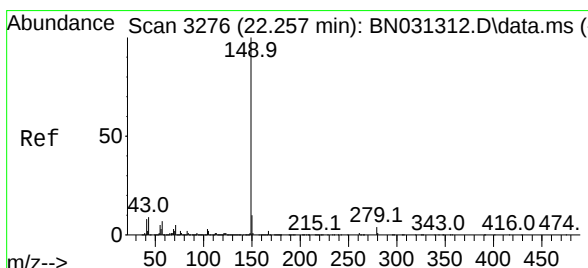
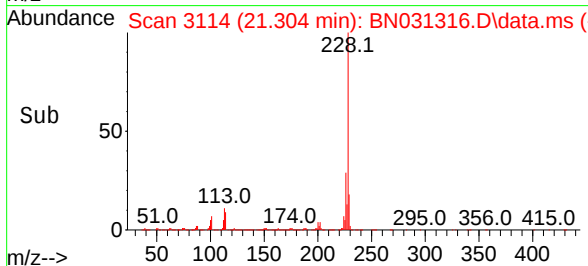
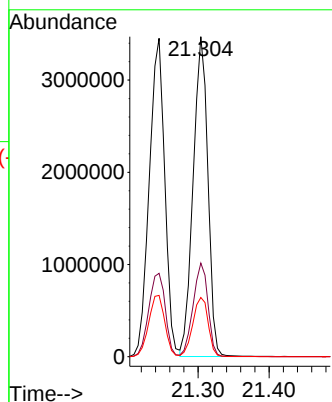
Tgt Ion:228 Resp: 5005782

Ion Ratio Lower Upper

228 100

226 29.3 24.5 36.7

229 18.5 16.7 25.1



#89

Di-n-octyl phthalate

Concen: 89.761 ng/ul

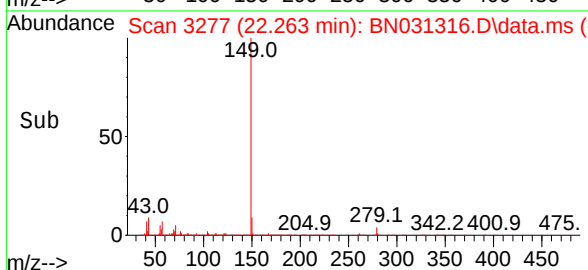
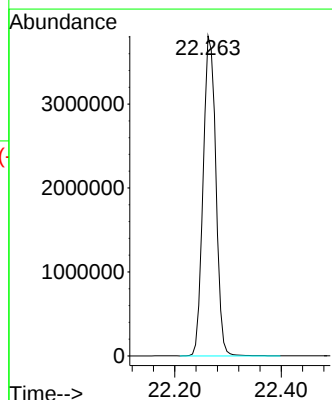
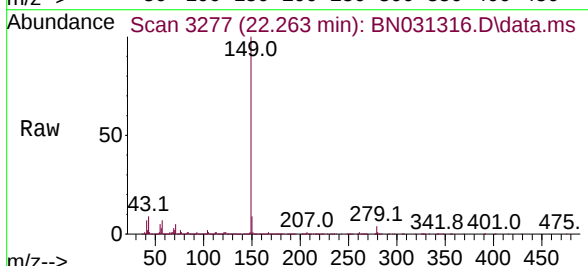
RT: 22.263 min Scan# 3277

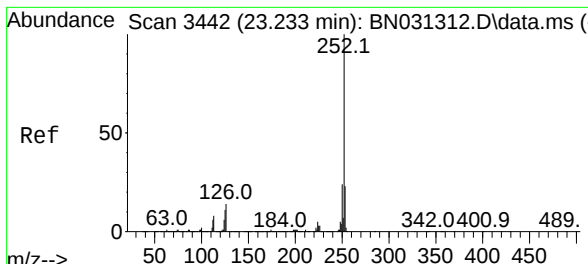
Delta R.T. 0.006 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Tgt Ion:149 Resp: 6303351

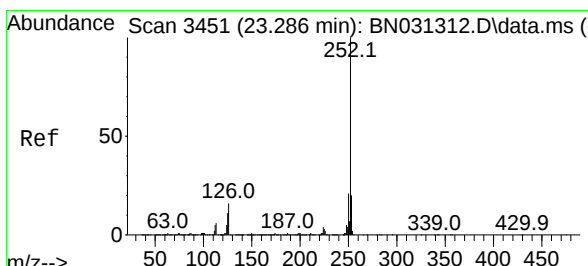
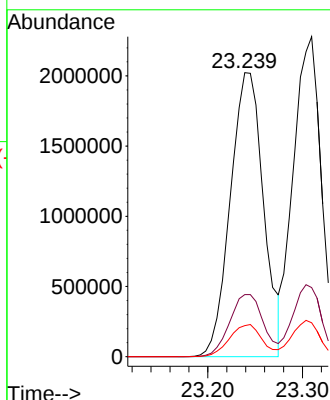
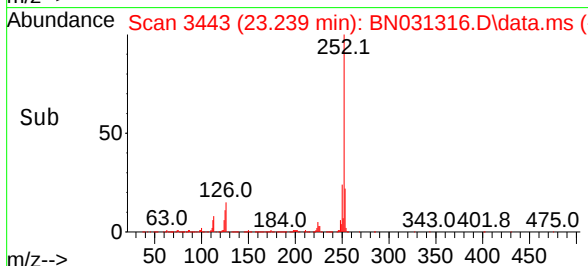
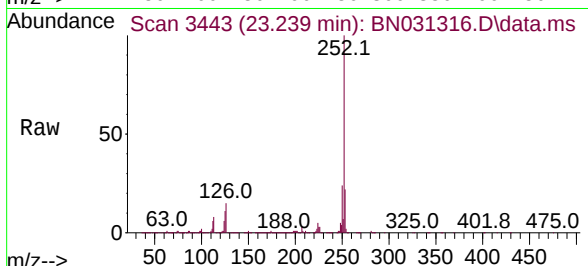




#90
 Benzo(b)fluoranthene
 Concen: 85.871 ng/ul
 RT: 23.239 min Scan# 3442
 Delta R.T. 0.006 min
 Lab File: BN031316.D
 Acq: 30 Apr 2024 11:15

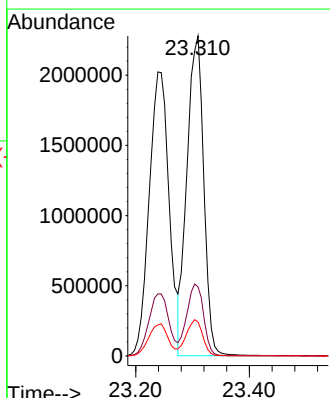
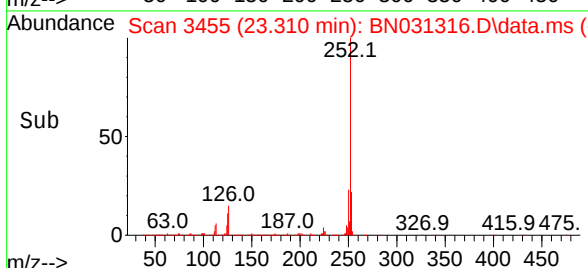
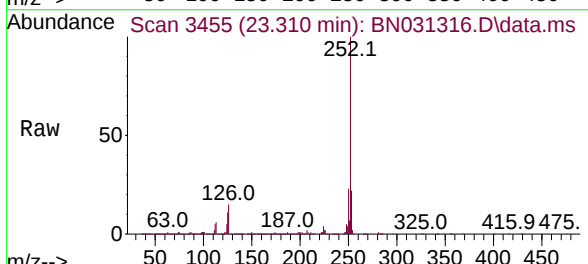
Instrument :
 BNA_N
 ClientSampleId :

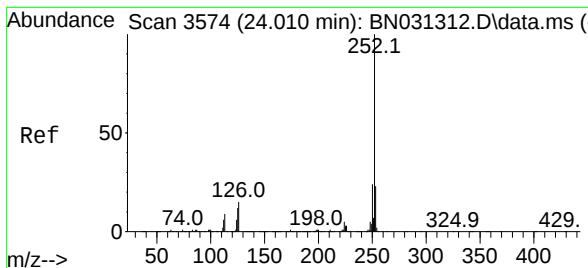
Tgt Ion:252 Resp: 4932098
 Ion Ratio Lower Upper
 252 100
 253 21.9 15.7 23.5
 125 10.9 8.6 13.0



#91
 Benzo(k)fluoranthene
 Concen: 83.038 ng/ul
 RT: 23.310 min Scan# 3455
 Delta R.T. 0.023 min
 Lab File: BN031316.D
 Acq: 30 Apr 2024 11:15

Tgt Ion:252 Resp: 4690482
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.8 26.8
 125 10.6 8.7 13.1





#93

Benzo(a)pyrene

Concen: 78.423 ng/ul

RT: 24.021 min Scan# 3576

Delta R.T. 0.012 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :

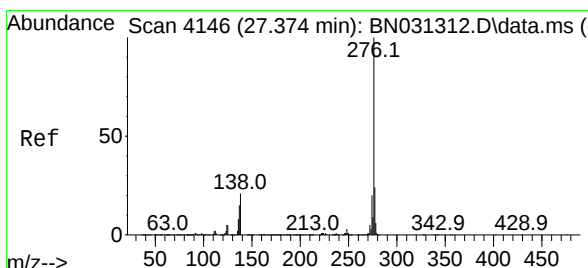
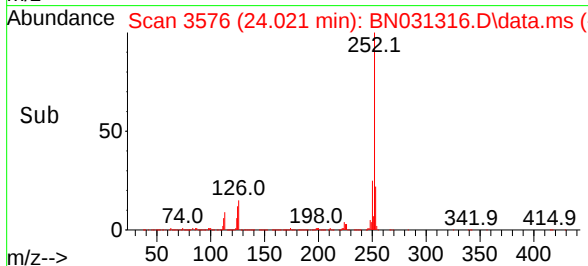
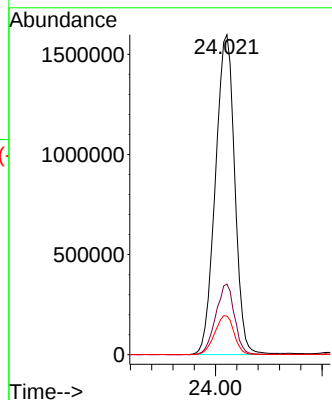
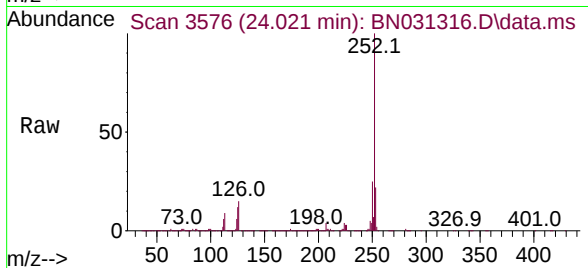
Tgt Ion:252 Resp: 4028750

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 12.1 9.7 14.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 89.734 ng/ul

RT: 27.409 min Scan# 4152

Delta R.T. 0.035 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

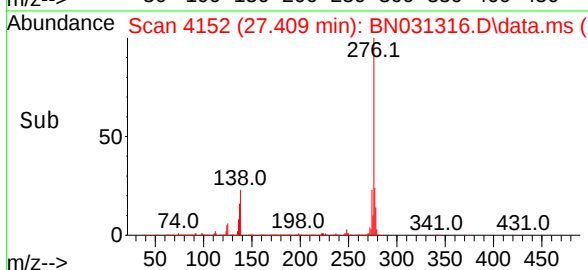
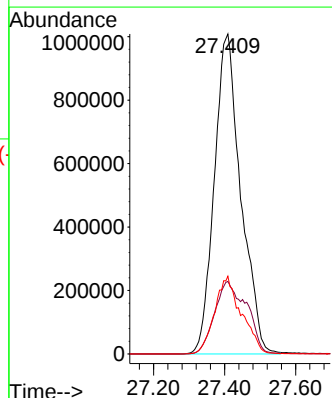
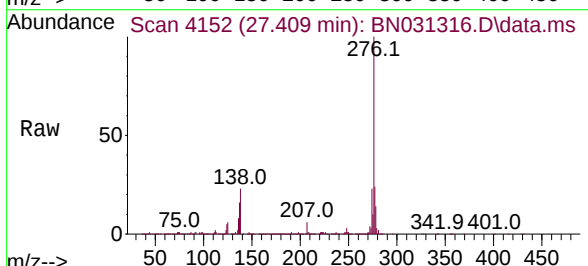
Tgt Ion:276 Resp: 5223169

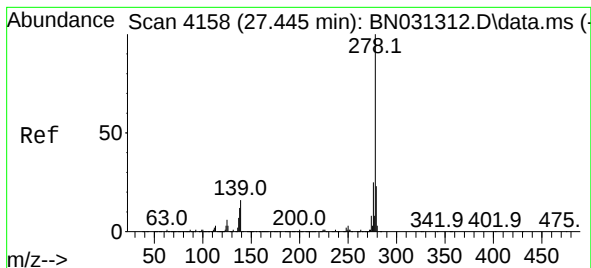
Ion Ratio Lower Upper

276 100

138 22.6 18.1 27.1

277 24.3 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 87.553 ng/ul

RT: 27.468 min Scan# 4158

Delta R.T. 0.023 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Instrument :

BNA_N

ClientSampleId :

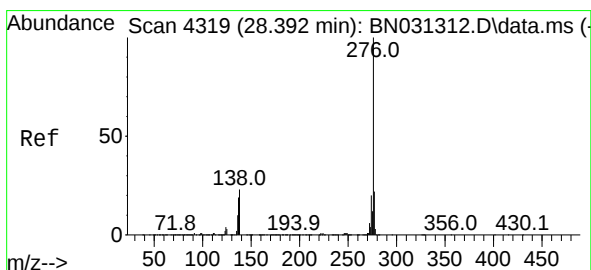
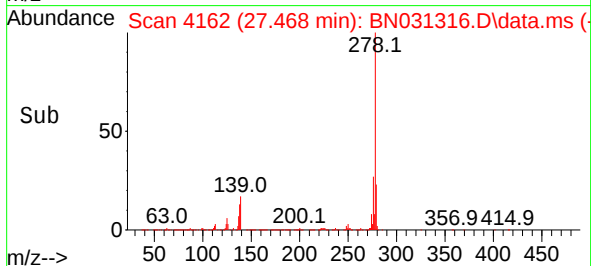
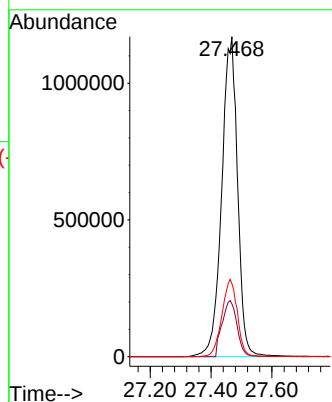
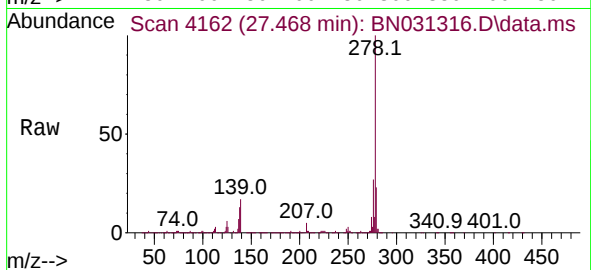
Tgt Ion:278 Resp: 4233444

Ion Ratio Lower Upper

278 100

139 16.5 13.9 20.9

279 22.9 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 85.334 ng/ul

RT: 28.421 min Scan# 4324

Delta R.T. 0.029 min

Lab File: BN031316.D

Acq: 30 Apr 2024 11:15

Tgt Ion:276 Resp: 4006551

Ion Ratio Lower Upper

276 100

138 23.5 18.8 28.2

277 23.1 18.0 27.0

