

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
 Data File : BM044772.D
 Acq On : 26 Mar 2024 17:13
 Operator : MA/JU
 Sample : P1864-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ229-72-11976MS

Quant Time: Mar 26 17:41:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.686	152	141515	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	555603	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	322882	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	655698	20.000	ng	-0.01
76) Chrysene-d12	21.291	240	594767	20.000	ng	-0.01
86) Perylene-d12	23.538	264	708604	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	867871	88.052	ng	0.00
7) Phenol-d6	6.869	99	1089940	85.956	ng	-0.01
23) Nitrobenzene-d5	8.851	82	663086	57.495	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	375429	105.420	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1324556	56.497	ng	-0.02
79) Terphenyl-d14	19.733	244	2022258	59.479	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	148039	35.734	ng	95
3) Pyridine	3.663	79	395851	34.552	ng	91
4) n-Nitrosodimethylamine	3.587	42	222084	48.370	ng	79
6) Aniline	7.028	93	270045	17.981	ng	98
8) 2-Chlorophenol	7.257	128	440570	44.877	ng	98
9) Benzaldehyde	6.845	77	63030	9.491	ng	98
10) Phenol	6.898	94	544837	43.023	ng	95
11) bis(2-Chloroethyl)ether	7.128	93	412040	39.850	ng	98
12) 1,3-Dichlorobenzene	7.575	146	467629	44.300	ng	98
13) 1,4-Dichlorobenzene	7.722	146	473697	44.525	ng	99
14) 1,2-Dichlorobenzene	8.033	146	452479	44.597	ng	99
15) Benzyl Alcohol	7.933	79	373446	44.796	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.204	45	613418	42.790	ng	97
17) 2-Methylphenol	8.133	107	349199	40.432	ng	98
18) Hexachloroethane	8.745	117	181532	46.155	ng	98
19) n-Nitroso-di-n-propyla...	8.498	70	306316	39.556	ng	94
20) 3+4-Methylphenols	8.463	107	482699	41.415	ng	98
22) Acetophenone	8.516	105	612130	41.936	ng	# 96
24) Nitrobenzene	8.892	77	471760	41.381	ng	99
25) Isophorone	9.416	82	841261	42.278	ng	97
26) 2-Nitrophenol	9.592	139	233857	47.538	ng	96
27) 2,4-Dimethylphenol	9.657	122	298522	34.507	ng	99
28) bis(2-Chloroethoxy)met...	9.898	93	515639	39.023	ng	99
29) 2,4-Dichlorophenol	10.122	162	382491	46.390	ng	98
30) 1,2,4-Trichlorobenzene	10.327	180	397142	45.276	ng	99
31) Naphthalene	10.516	128	1273825	41.776	ng	99
32) Benzoic acid	9.816	122	305790	44.570	ng	99
33) 4-Chloroaniline	10.639	127	219362	17.148	ng	100
34) Hexachlorobutadiene	10.780	225	228340	46.689	ng	98
35) Caprolactam	11.451	113	90613	34.069	ng	91
36) 4-Chloro-3-methylphenol	11.774	107	404027	44.656	ng	98
37) 2-Methylnaphthalene	12.133	142	844012	40.782	ng	97
38) 1-Methylnaphthalene	12.357	142	784290	40.662	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	403641	44.053	ng	99
41) Hexachlorocyclopentadiene	12.468	237	218374	41.835	ng	99
43) 2,4,6-Trichlorophenol	12.757	196	287032	46.393	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
 Data File : BM044772.D
 Acq On : 26 Mar 2024 17:13
 Operator : MA/JU
 Sample : P1864-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ229-72-11976MS

Quant Time: Mar 26 17:41:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

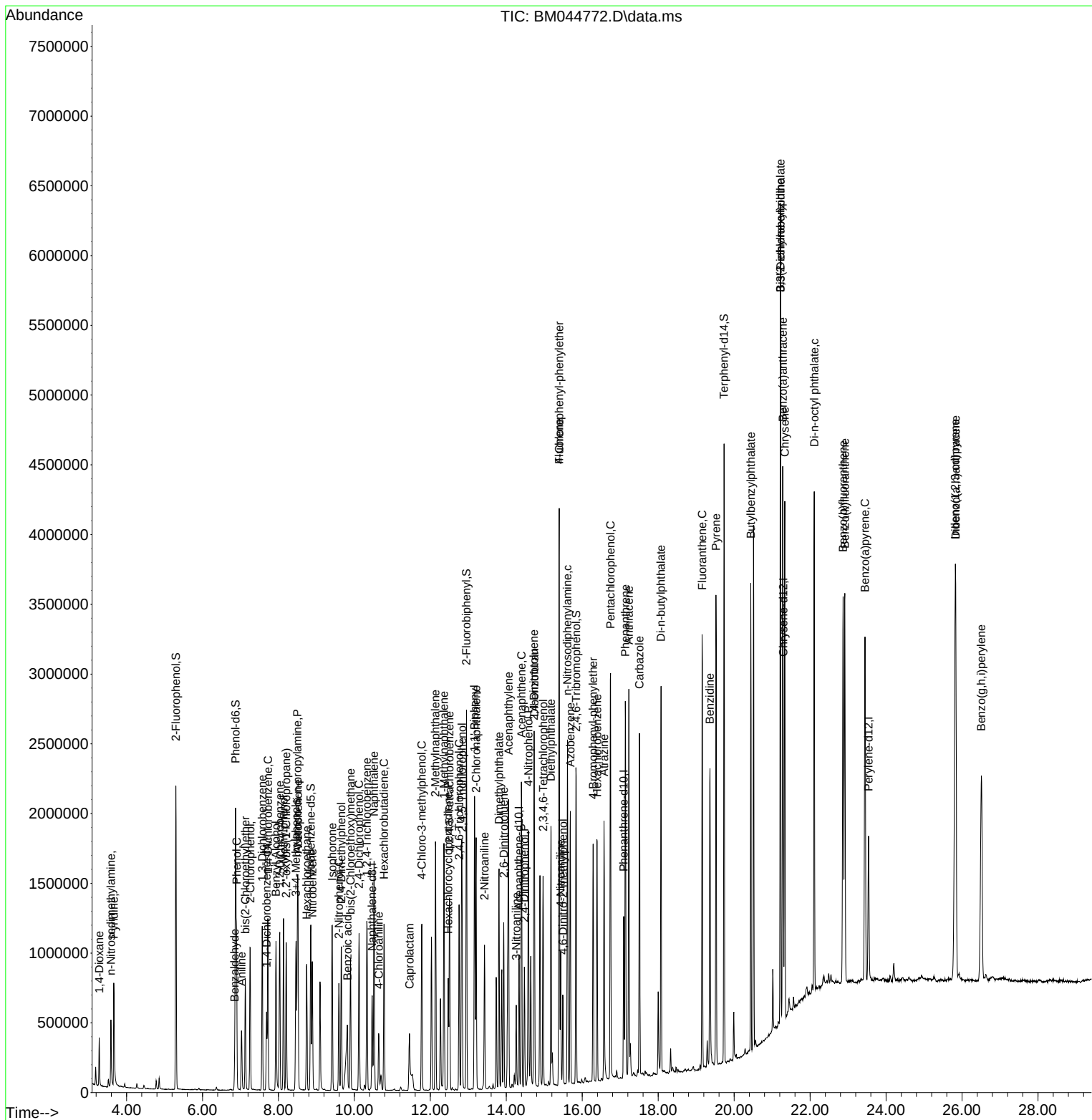
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.833	196	312492	42.626	ng	98
46) 1,1'-Biphenyl	13.163	154	1058315	41.908	ng	99
47) 2-Chloronaphthalene	13.204	162	823448	44.096	ng	100
48) 2-Nitroaniline	13.427	65	290313	45.819	ng	99
49) Acenaphthylene	14.057	152	1380035	45.366	ng	100
50) Dimethylphthalate	13.810	163	983158	40.709	ng	99
51) 2,6-Dinitrotoluene	13.933	165	221372	44.017	ng	98
52) Acenaphthene	14.398	154	772578	42.013	ng	99
53) 3-Nitroaniline	14.262	138	147244	25.003	ng	97
54) 2,4-Dinitrophenol	14.474	184	165029	51.837	ng	95
55) Dibenzofuran	14.739	168	1234870	42.311	ng	98
56) 4-Nitrophenol	14.580	139	463809	95.896	ng	93
57) 2,4-Dinitrotoluene	14.727	165	315253	47.974	ng	# 90
58) Fluorene	15.392	166	995127	43.784	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.968	232	262910	46.191	ng	99
60) Diethylphthalate	15.174	149	1042413	42.638	ng	100
61) 4-Chlorophenyl-phenyle...	15.392	204	462803	42.416	ng	99
62) 4-Nitroaniline	15.433	138	249705	42.447	ng	93
63) Azobenzene	15.686	77	1086812	43.005	ng	95
65) 4,6-Dinitro-2-methylph...	15.492	198	118770	28.883	ng	97
66) n-Nitrosodiphenylamine	15.609	169	845603	41.379	ng	99
67) 4-Bromophenyl-phenylether	16.286	248	287230	42.350	ng	97
68) Hexachlorobenzene	16.392	284	342397	47.492	ng	94
69) Atrazine	16.574	200	294534	46.124	ng	95
70) Pentachlorophenol	16.745	266	482855	93.109	ng	99
71) Phenanthrene	17.133	178	1560092	43.054	ng	100
72) Anthracene	17.227	178	1608669	44.265	ng	99
73) Carbazole	17.503	167	1544538	45.125	ng	99
74) Di-n-butylphthalate	18.074	149	1923294	43.608	ng	99
75) Fluoranthene	19.156	202	1846833	45.594	ng	98
77) Benzidine	19.362	184	1324420	86.159	ng	99
78) Pyrene	19.521	202	1953536	44.814	ng	100
80) Butylbenzylphthalate	20.439	149	940857	47.891	ng	96
81) Benzo(a)anthracene	21.280	228	1887587	45.612	ng	100
82) 3,3'-Dichlorobenzidine	21.221	252	668498	46.903	ng	98
83) Chrysene	21.333	228	1768223	44.714	ng	99
84) Bis(2-ethylhexyl)phtha...	21.221	149	1310912	44.291	ng	99
85) Di-n-octyl phthalate	22.109	149	2362466	46.017	ng	99
87) Indeno(1,2,3-cd)pyrene	25.821	276	2333432	45.552	ng	97
88) Benzo(b)fluoranthene	22.868	252	1966342	47.219	ng	99
89) Benzo(k)fluoranthene	22.915	252	1807232	42.215	ng	98
90) Benzo(a)pyrene	23.444	252	1811669	44.604	ng	98
91) Dibenzo(a,h)anthracene	25.832	278	1906607	44.149	ng	97
92) Benzo(g,h,i)perylene	26.509	276	1827559	42.990	ng	95

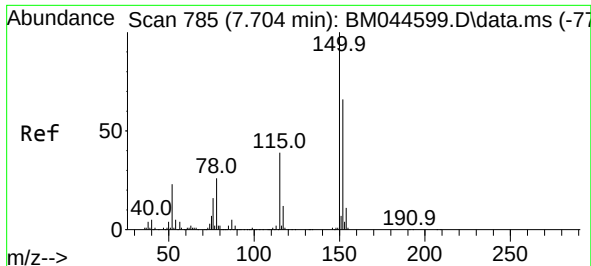
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_M

ClientSampleId :
VNJ229-72-11976MS

Quant Time: Mar 26 17:41:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 02:28:24 2024
Response via : Initial Calibration

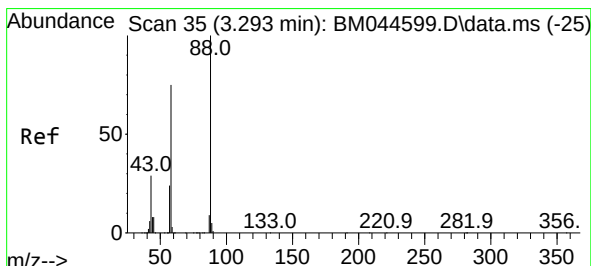
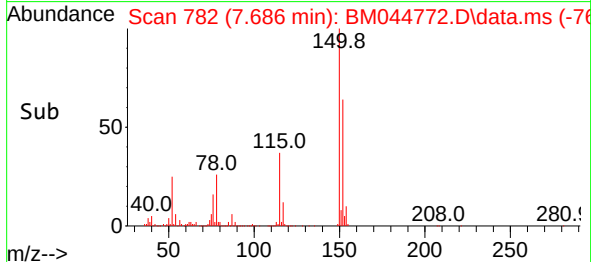
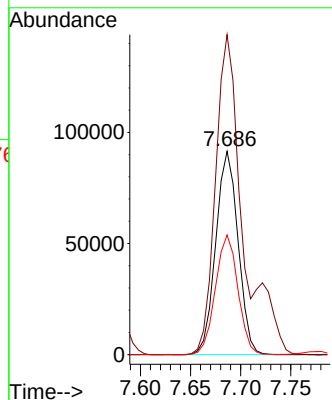
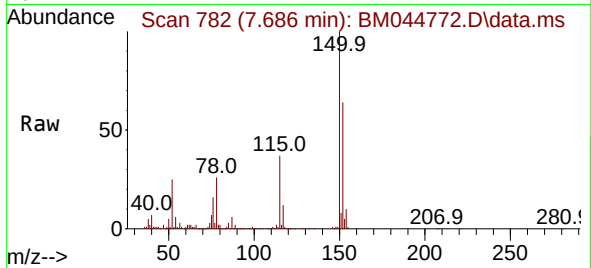




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.686 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: BM044772.D
 Acq: 26 Mar 2024 17:13

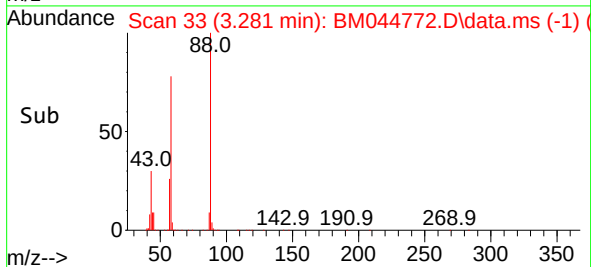
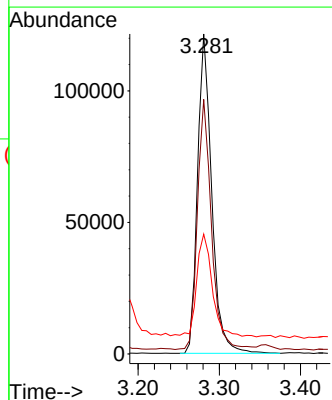
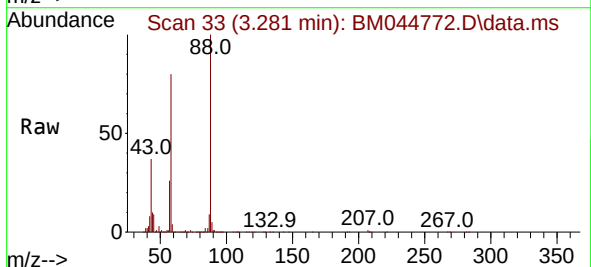
Instrument :
 BNA_M
 ClientSampleId :
 VNJ229-72-11976MS

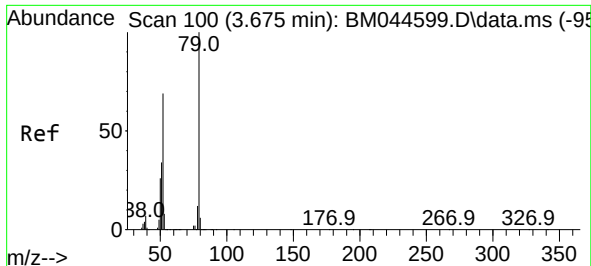
Tgt Ion:152 Resp: 141515
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.9 182.9
 115 58.8 47.1 70.7



#2
 1,4-Dioxane
 Concen: 35.734 ng
 RT: 3.281 min Scan# 33
 Delta R.T. -0.012 min
 Lab File: BM044772.D
 Acq: 26 Mar 2024 17:13

Tgt Ion: 88 Resp: 148039
 Ion Ratio Lower Upper
 88 100
 58 77.4 60.2 90.2
 43 35.0 23.5 35.3

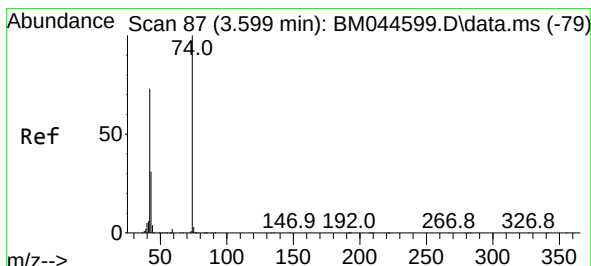
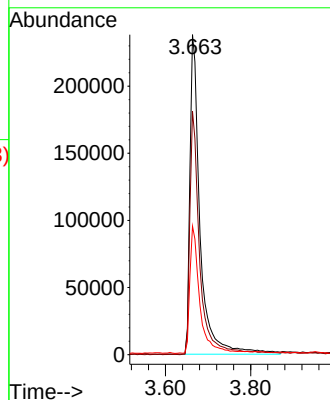
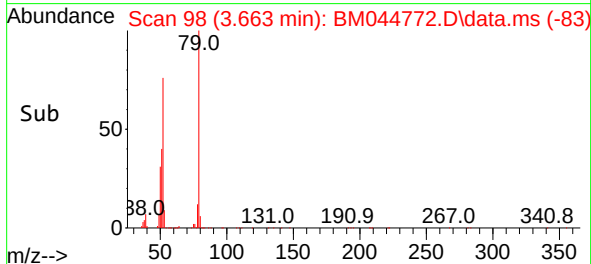
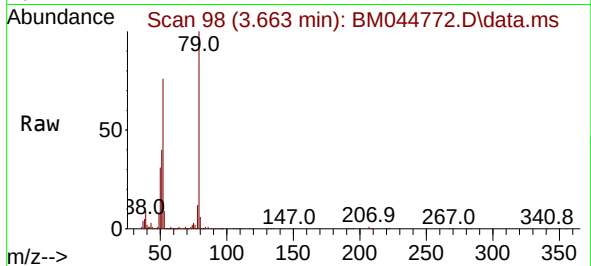




#3
 Pyridine
 Concen: 34.552 ng
 RT: 3.663 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BM044772.D
 Acq: 26 Mar 2024 17:13

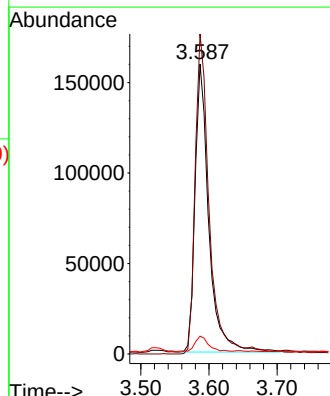
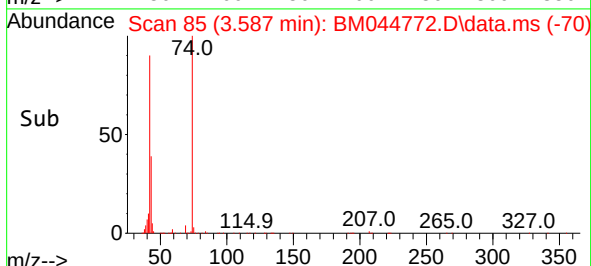
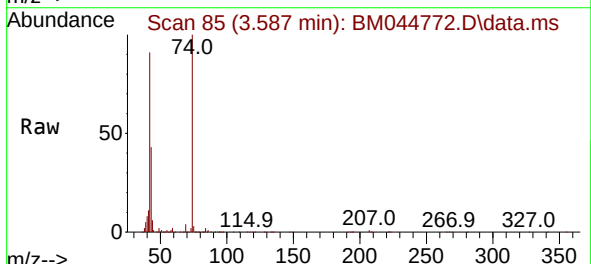
Instrument :
 BNA_M
 ClientSampleId :
 VNJ229-72-11976MS

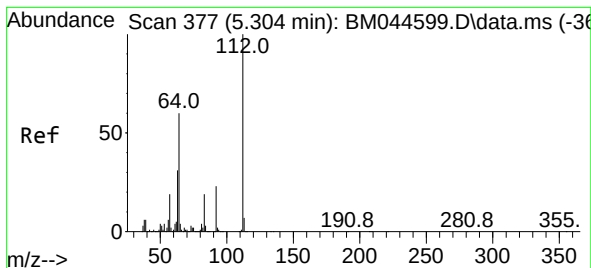
Tgt Ion: 79 Resp: 395851
 Ion Ratio Lower Upper
 79 100
 52 76.0 55.5 83.3
 51 40.2 27.7 41.5



#4
 n-Nitrosodimethylamine
 Concen: 48.370 ng
 RT: 3.587 min Scan# 85
 Delta R.T. -0.012 min
 Lab File: BM044772.D
 Acq: 26 Mar 2024 17:13

Tgt Ion: 42 Resp: 222084
 Ion Ratio Lower Upper
 42 100
 74 110.3 109.7 164.5
 44 6.1 5.4 8.0





#5

2-Fluorophenol

Concen: 88.052 ng

RT: 5.298 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

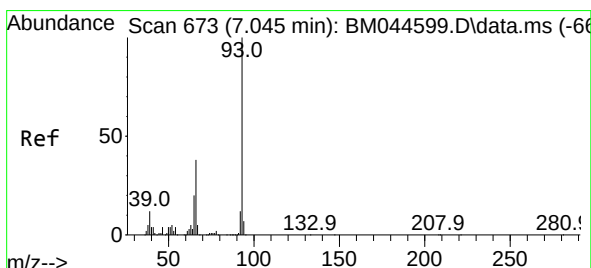
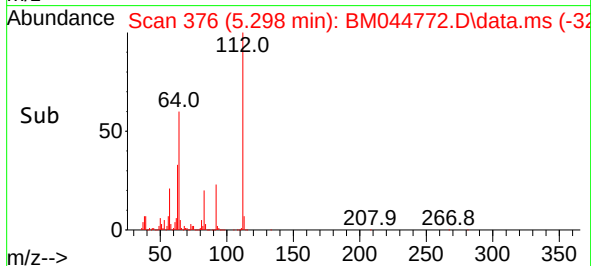
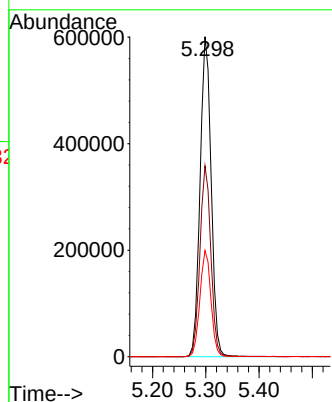
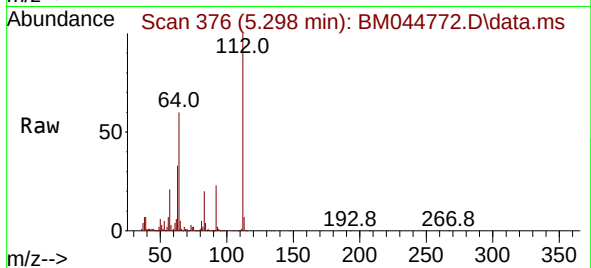
Tgt Ion:112 Resp: 867871

Ion Ratio Lower Upper

112 100

64 59.6 47.9 71.9

63 33.1 25.0 37.4



#6

Aniline

Concen: 17.981 ng

RT: 7.028 min Scan# 670

Delta R.T. -0.018 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

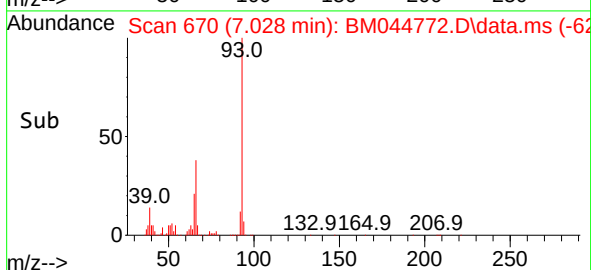
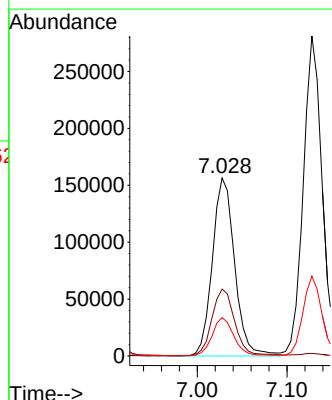
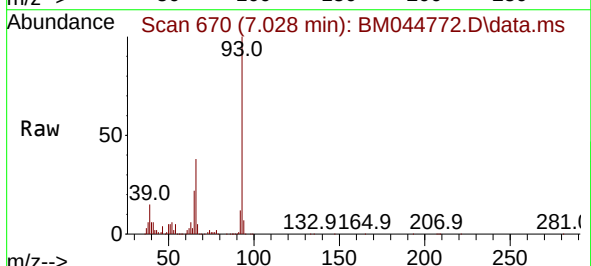
Tgt Ion: 93 Resp: 270045

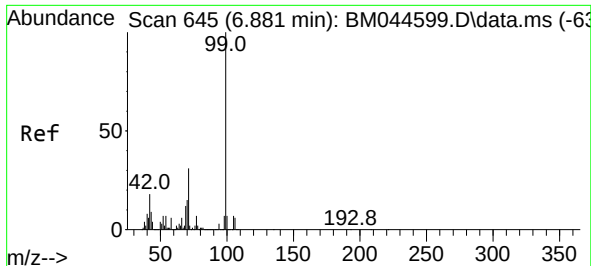
Ion Ratio Lower Upper

93 100

66 37.5 30.3 45.5

65 21.5 15.7 23.5

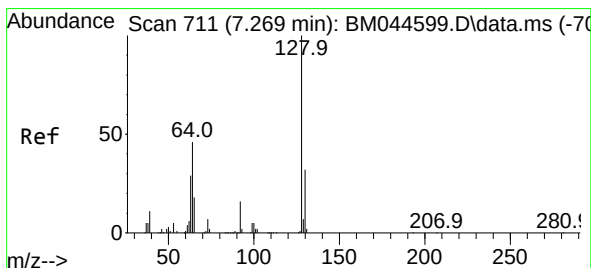
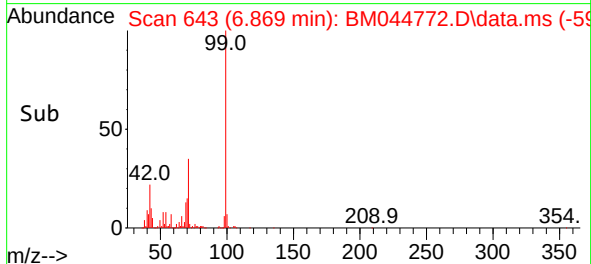
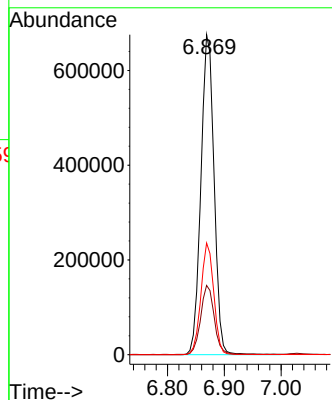
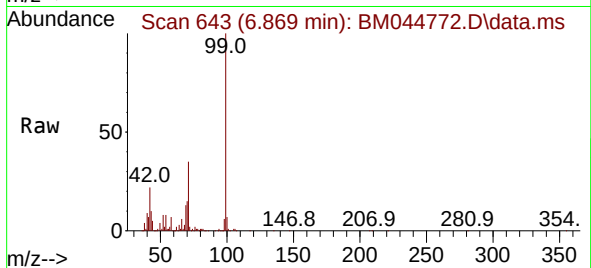




#7
Phenol-d6
Concen: 85.956 ng
RT: 6.869 min Scan# 64
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

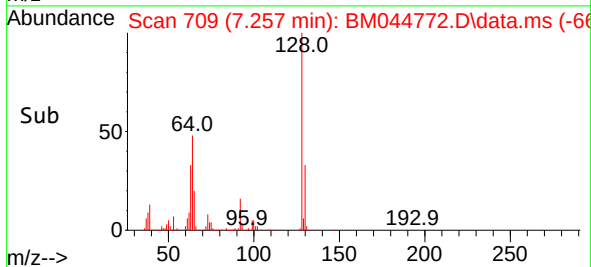
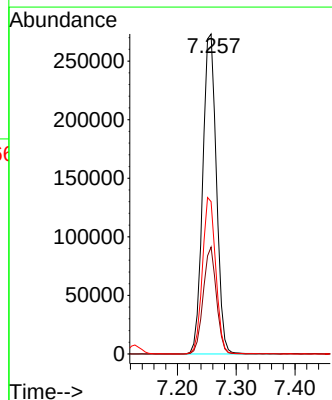
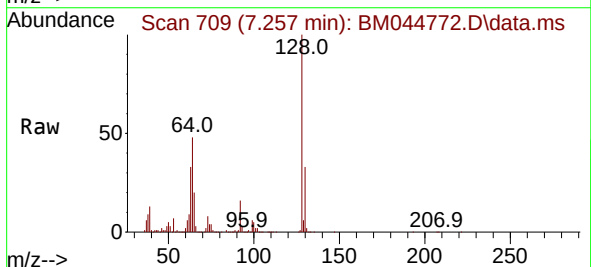
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

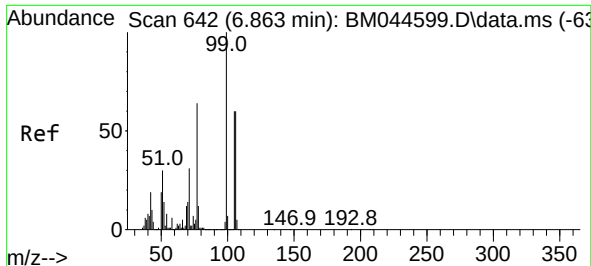
Tgt Ion: 99 Resp: 1089940
Ion Ratio Lower Upper
99 100
42 21.7 14.3 21.5#
71 34.9 24.5 36.7



#8
2-Chlorophenol
Concen: 44.877 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion: 128 Resp: 440570
Ion Ratio Lower Upper
128 100
130 33.4 12.4 52.4
64 47.6 29.4 69.4

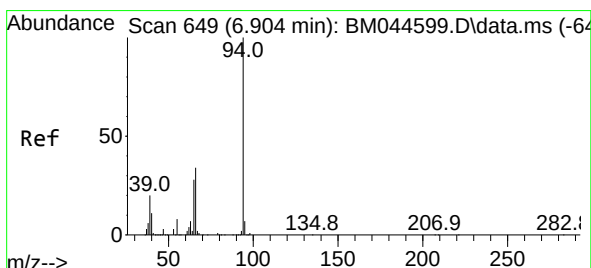
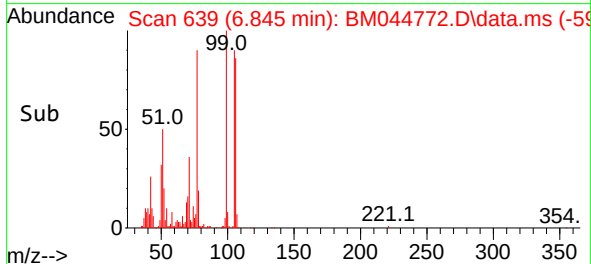
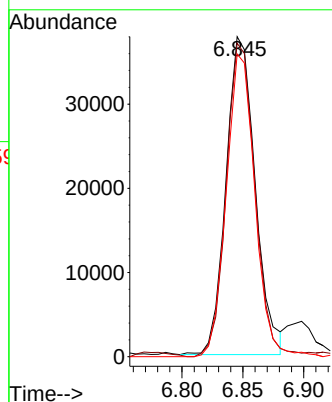
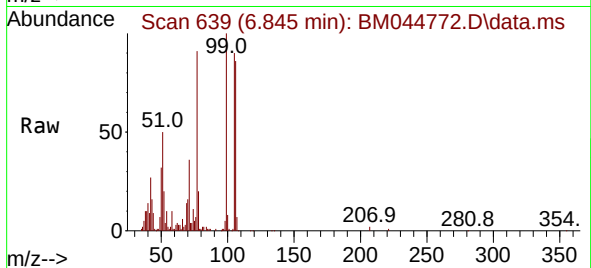




#9
Benzaldehyde
Concen: 9.491 ng
RT: 6.845 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

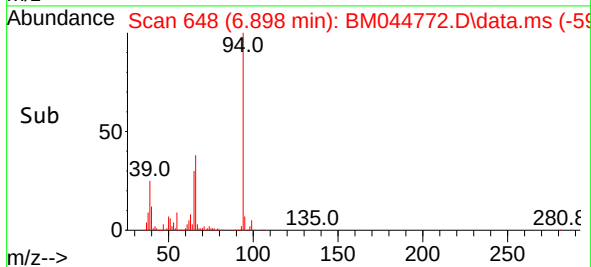
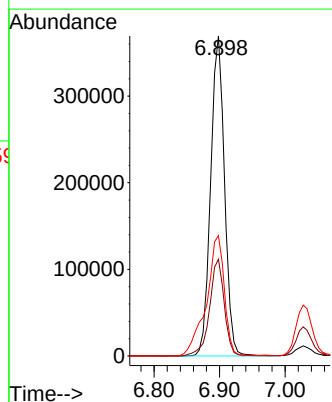
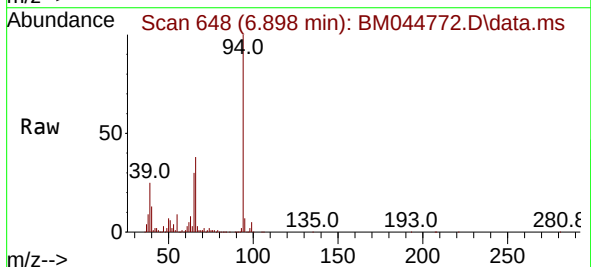
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

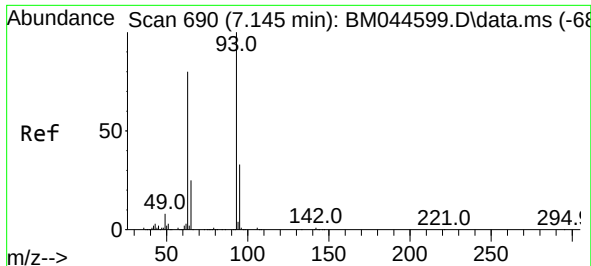
Tgt Ion: 77 Resp: 63030
Ion Ratio Lower Upper
77 100
105 98.0 74.4 114.4
106 94.6 74.1 114.1



#10
Phenol
Concen: 43.023 ng
RT: 6.898 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion: 94 Resp: 544837
Ion Ratio Lower Upper
94 100
65 30.2 7.9 47.9
66 37.6 14.7 54.7

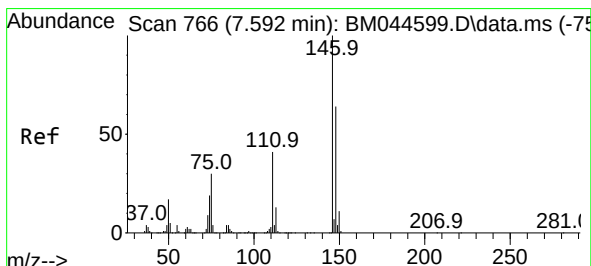
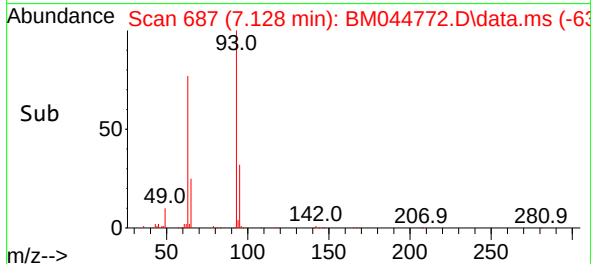
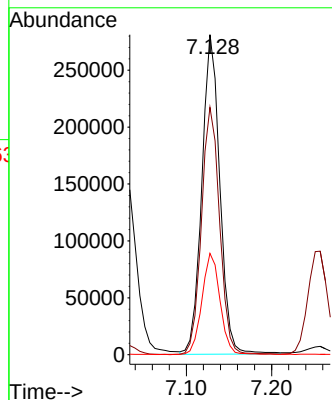
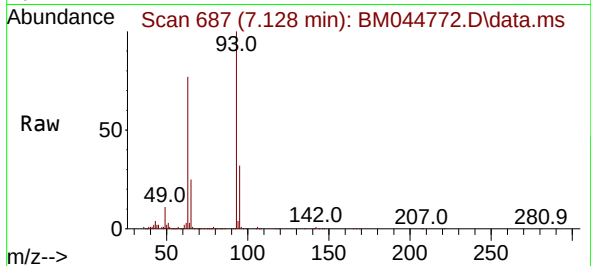




#11
bis(2-Chloroethyl)ether
Concen: 39.850 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

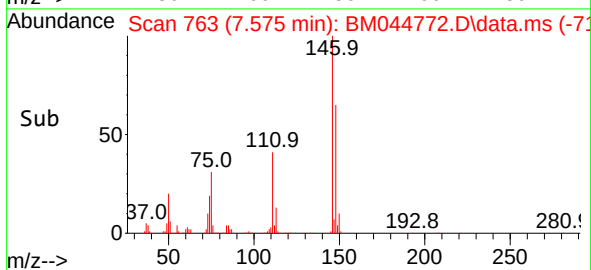
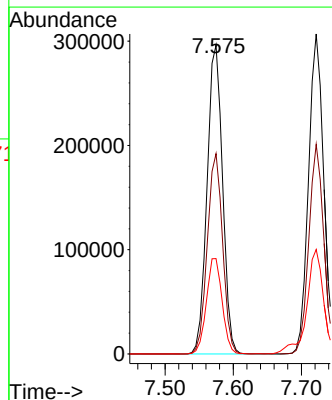
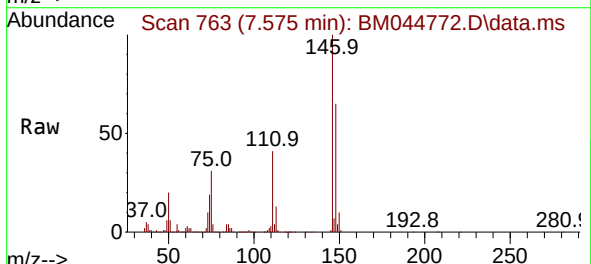
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

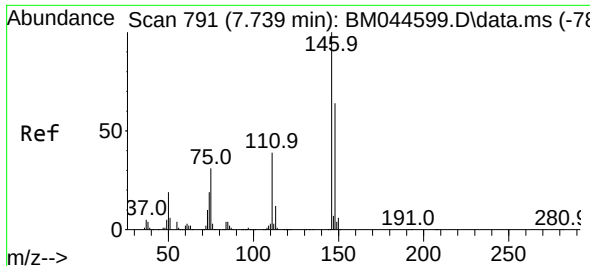
Tgt Ion: 93 Resp: 412040
Ion Ratio Lower Upper
93 100
63 77.3 59.8 99.8
95 31.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 44.300 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion: 146 Resp: 467629
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
75 30.9 24.1 36.1

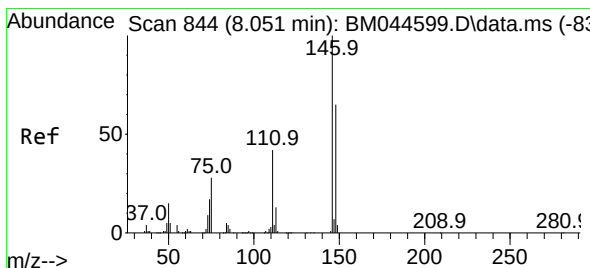
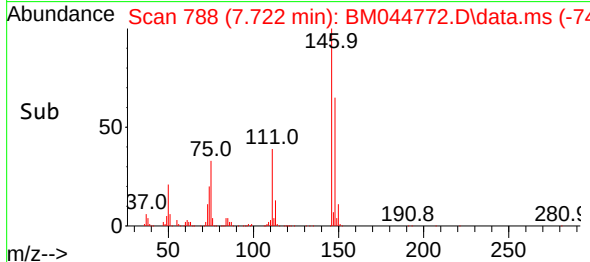
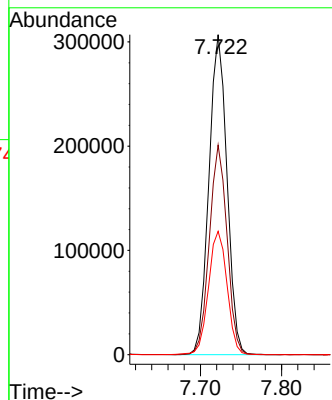
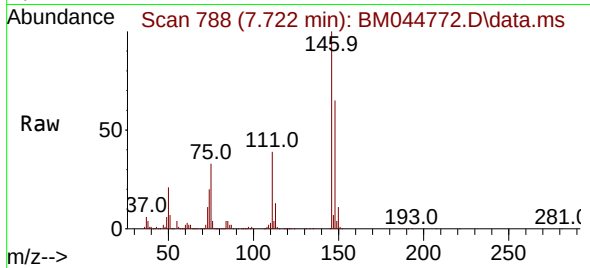




#13
1,4-Dichlorobenzene
Concen: 44.525 ng
RT: 7.722 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

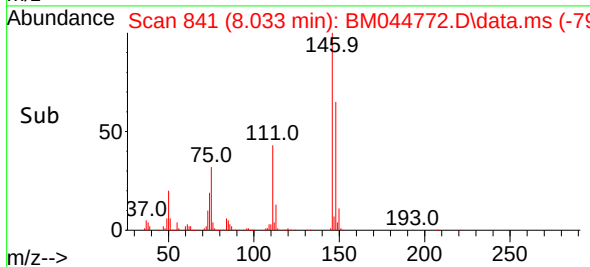
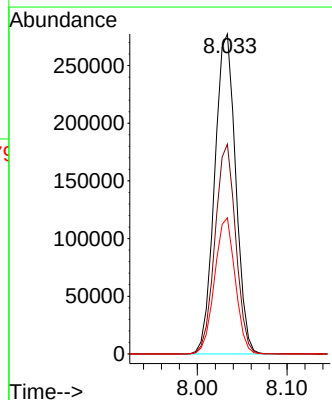
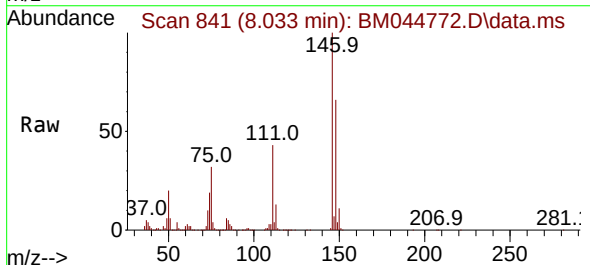
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

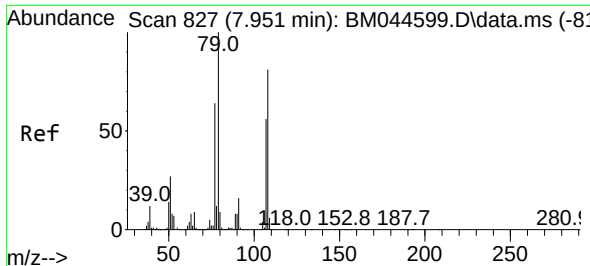
Tgt Ion:146 Resp: 473697
Ion Ratio Lower Upper
146 100
148 65.5 51.5 77.3
111 38.6 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 44.597 ng
RT: 8.033 min Scan# 841
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:146 Resp: 452479
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.8
111 42.5 33.4 50.2

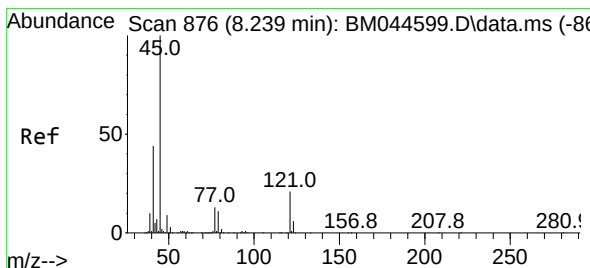
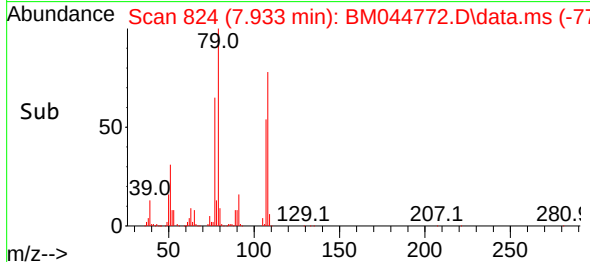
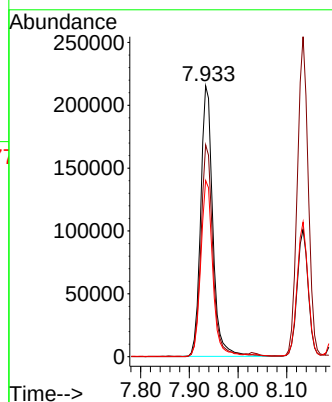
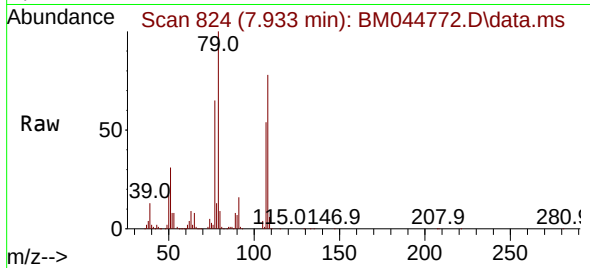




#15
Benzyl Alcohol
Concen: 44.796 ng
RT: 7.933 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

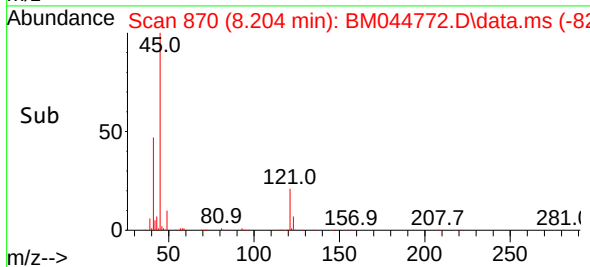
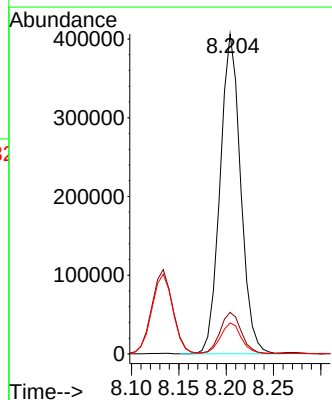
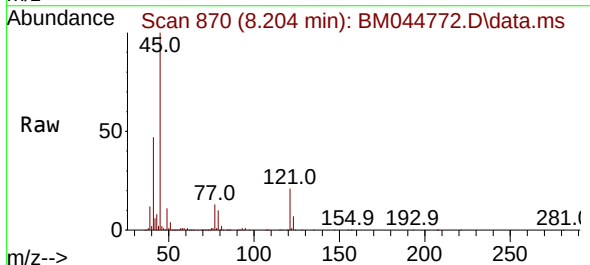
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

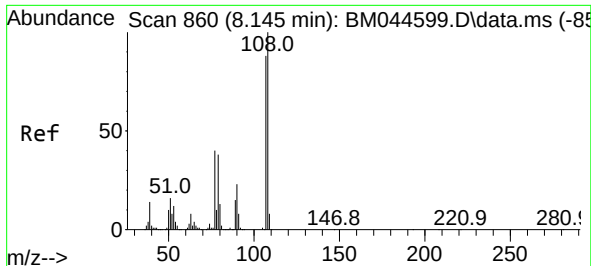
Tgt Ion: 79 Resp: 373446
Ion Ratio Lower Upper
79 100
108 78.2 65.0 97.6
77 65.0 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.790 ng
RT: 8.204 min Scan# 870
Delta R.T. -0.035 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion: 45 Resp: 613418
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.7
79 9.7 0.0 31.2

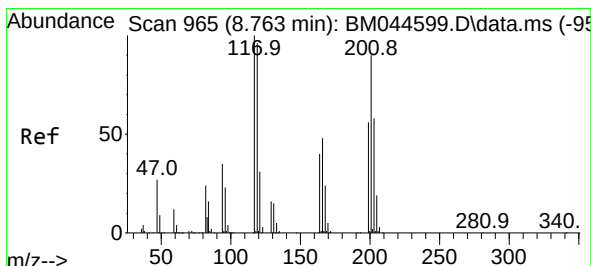
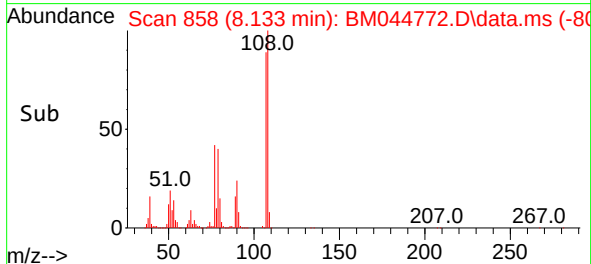
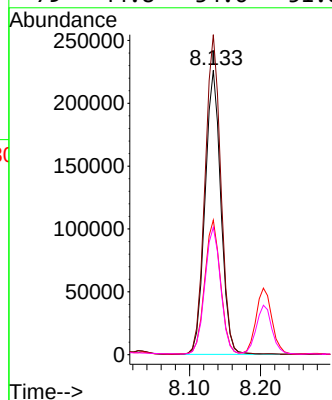
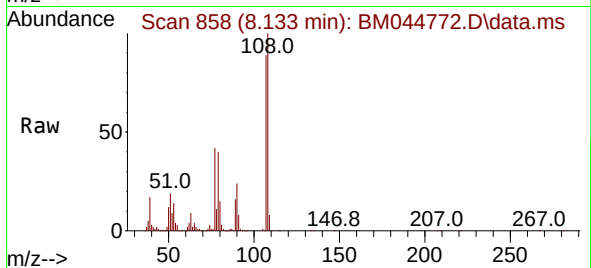




#17
2-Methylphenol
Concen: 40.432 ng
RT: 8.133 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

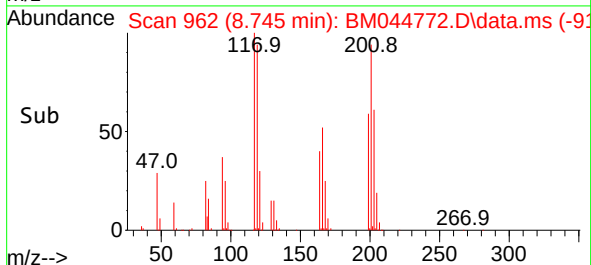
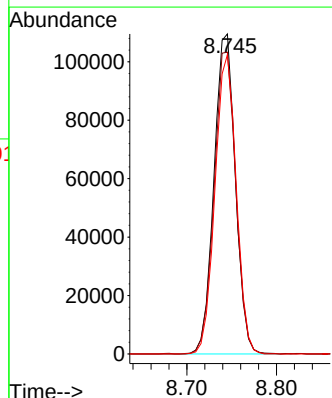
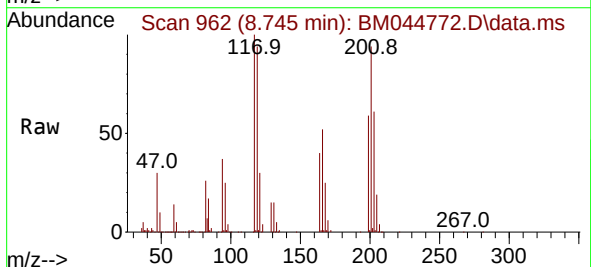
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

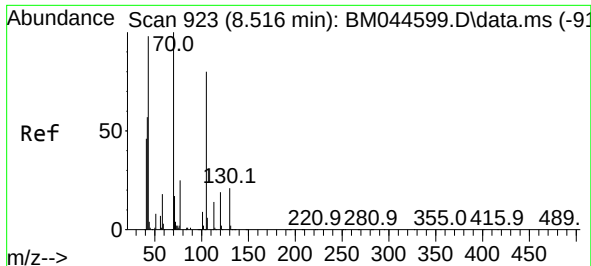
Tgt Ion:107 Resp: 349199
Ion Ratio Lower Upper
107 100
108 112.5 90.7 136.1
77 47.3 36.2 54.2
79 44.8 34.6 51.8



#18
Hexachloroethane
Concen: 46.155 ng
RT: 8.745 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:117 Resp: 181532
Ion Ratio Lower Upper
117 100
119 94.3 76.8 115.2
201 93.5 72.3 108.5

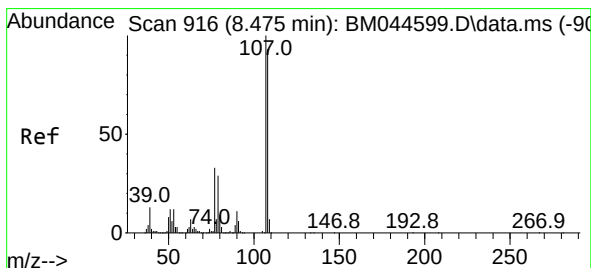
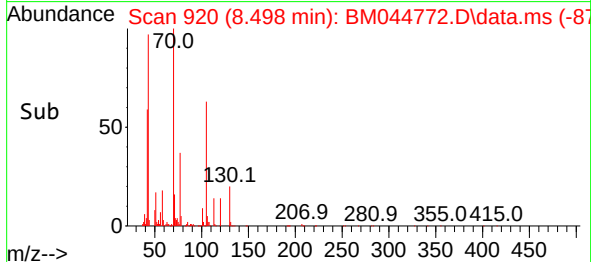
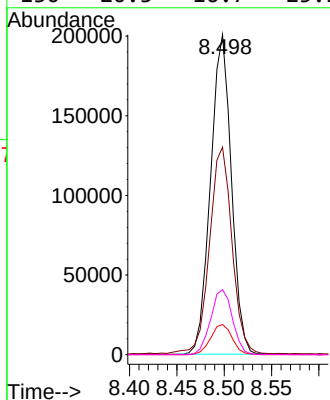
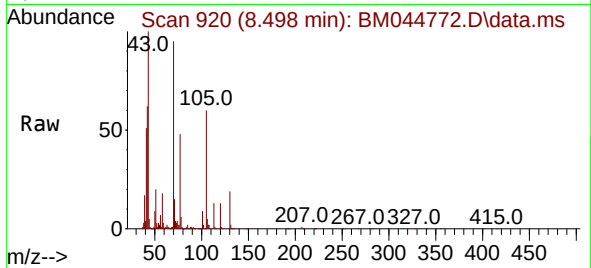




#19
n-Nitroso-di-n-propylamine
Concen: 39.556 ng
RT: 8.498 min Scan# 914
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

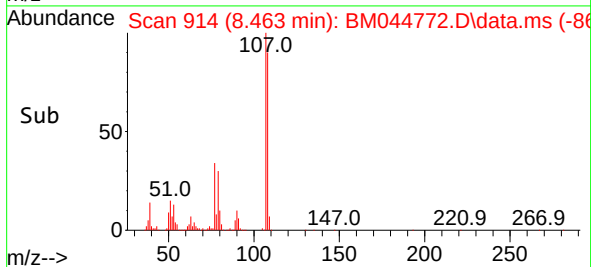
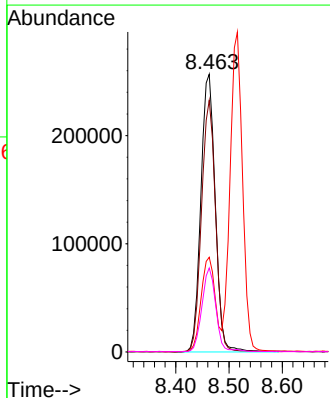
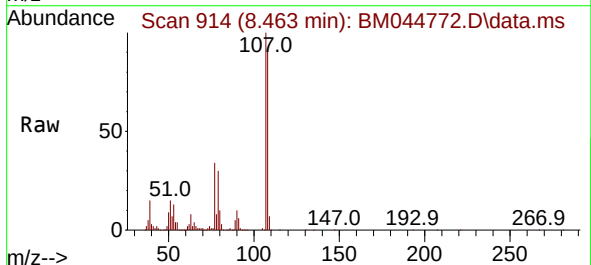
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

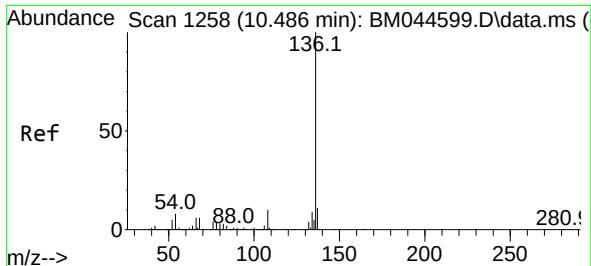
Tgt Ion: 70 Resp: 306316
Ion Ratio Lower Upper
70 100
42 64.9 46.6 69.8
101 9.5 7.6 11.4
130 20.3 16.7 25.1



#20
3+4-Methylphenols
Concen: 41.415 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion: 107 Resp: 482699
Ion Ratio Lower Upper
107 100
108 90.6 72.7 112.7
77 34.1 13.3 53.3
79 30.3 8.9 48.9

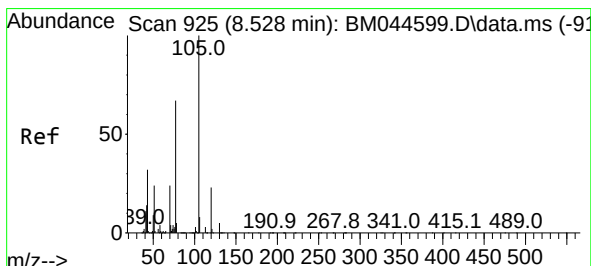
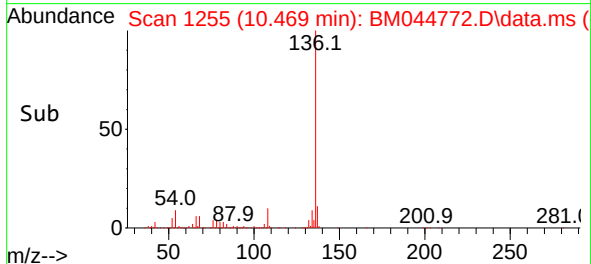
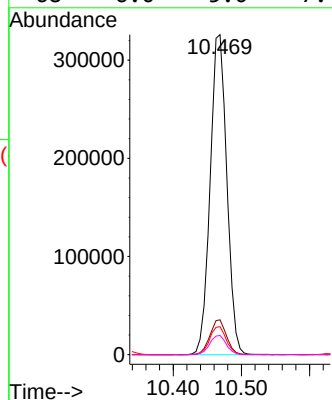
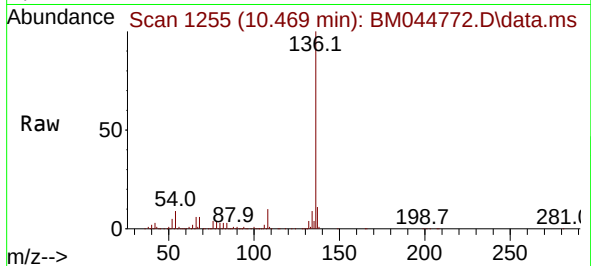




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

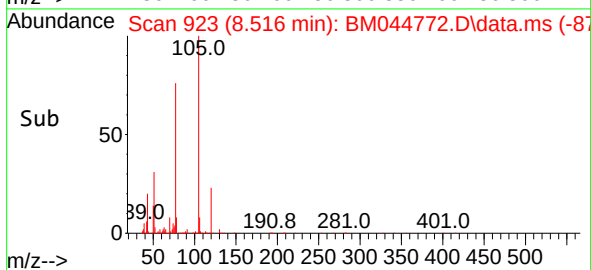
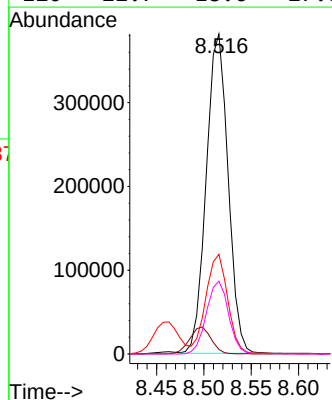
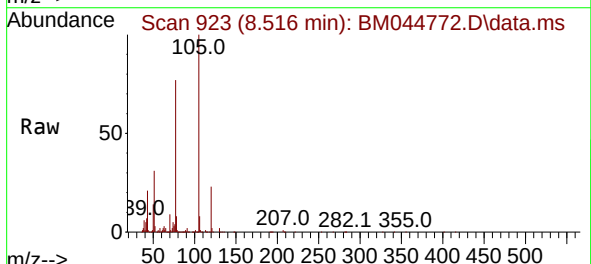
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

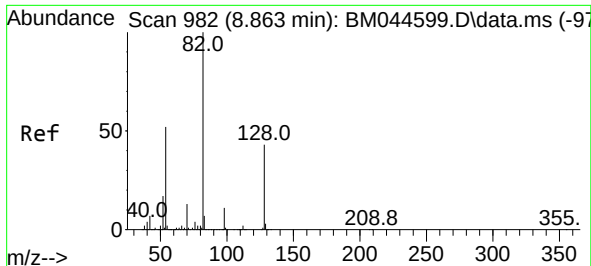
Tgt Ion:	136	Resp:	555603
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.8	6.6	10.0
68	6.0	5.0	7.4



#22
Acetophenone
Concen: 41.936 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:	105	Resp:	612130
Ion	Ratio	Lower	Upper
105	100		
71	1.4	3.4	5.2#
51	31.1	22.2	33.4
120	22.7	18.6	27.8





#23

Nitrobenzene-d5

Concen: 57.495 ng

RT: 8.851 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

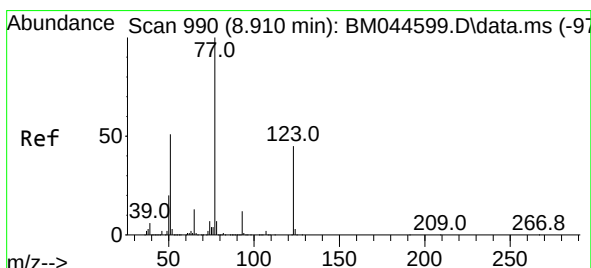
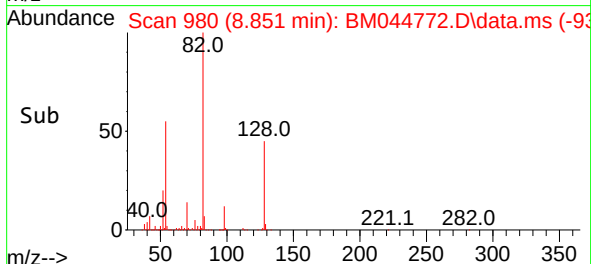
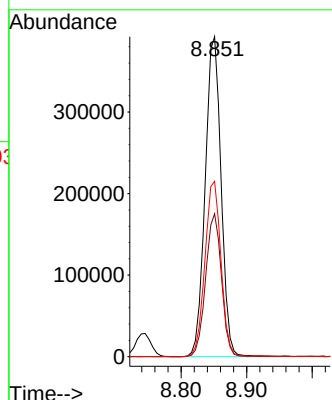
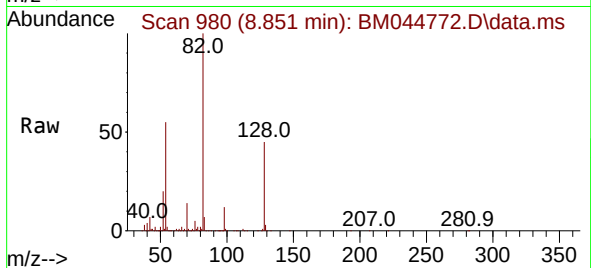
Tgt Ion: 82 Resp: 663086

Ion Ratio Lower Upper

82 100

128 44.6 34.2 51.4

54 54.8 41.3 61.9



#24

Nitrobenzene

Concen: 41.381 ng

RT: 8.892 min Scan# 987

Delta R.T. -0.018 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

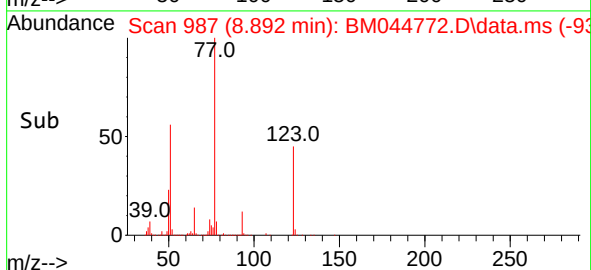
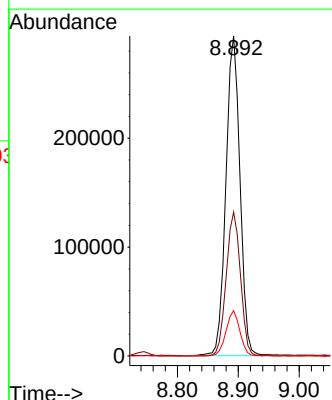
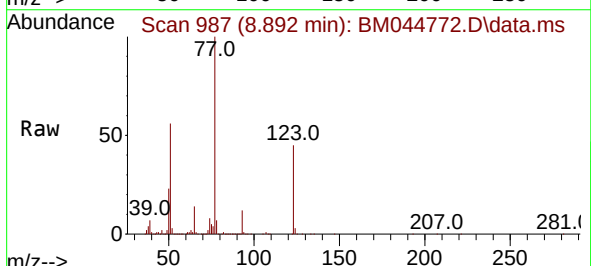
Tgt Ion: 77 Resp: 471760

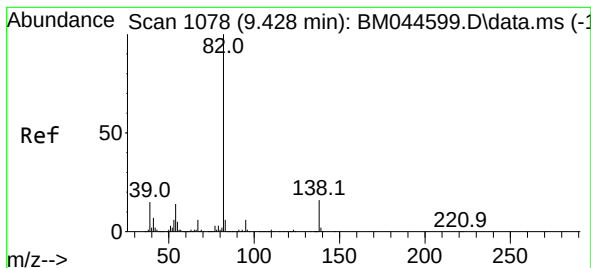
Ion Ratio Lower Upper

77 100

123 45.0 35.9 53.9

65 14.2 10.7 16.1





#25

Isophorone

Concen: 42.278 ng

RT: 9.416 min Scan# 1106

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

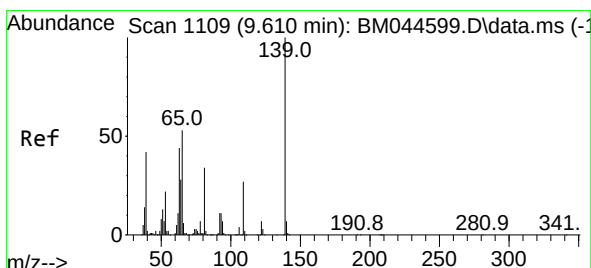
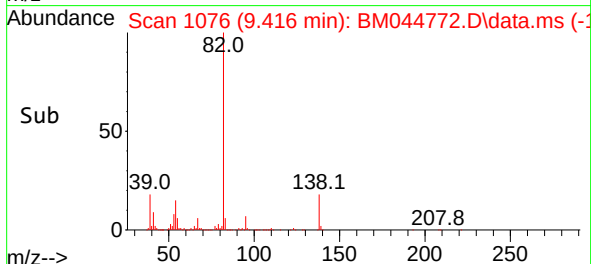
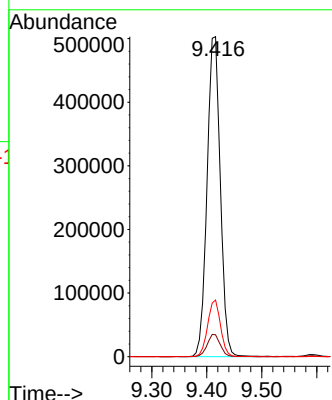
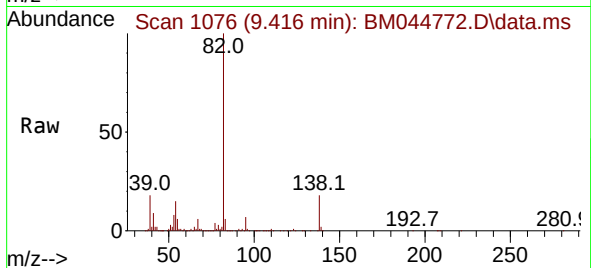
Tgt Ion: 82 Resp: 841261

Ion Ratio Lower Upper

82 100

95 6.8 4.9 7.3

138 17.7 12.9 19.3



#26

2-Nitrophenol

Concen: 47.538 ng

RT: 9.592 min Scan# 1106

Delta R.T. -0.018 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

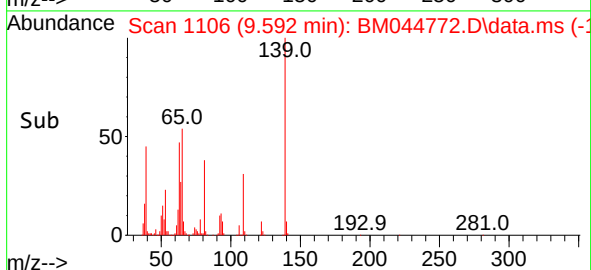
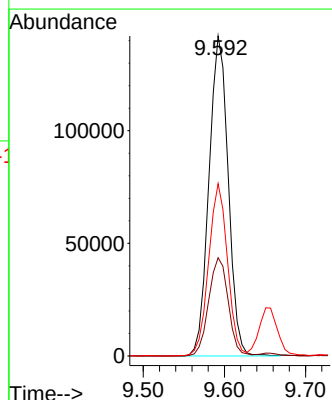
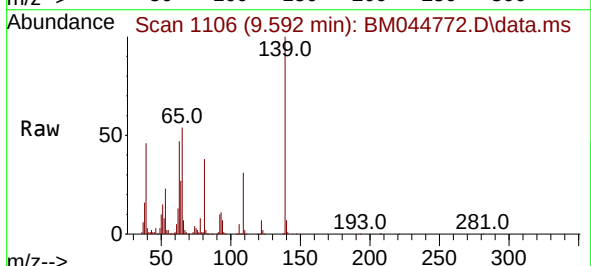
Tgt Ion: 139 Resp: 233857

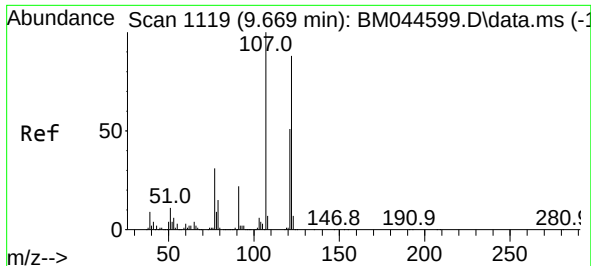
Ion Ratio Lower Upper

139 100

109 30.7 21.2 31.8

65 53.9 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 34.507 ng

RT: 9.657 min Scan# 1117

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

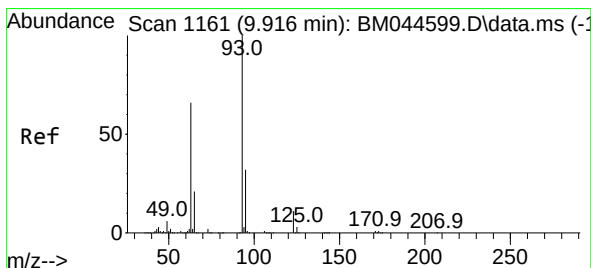
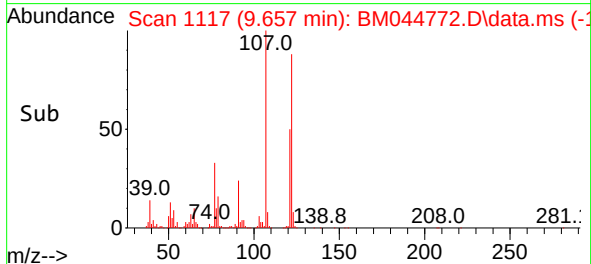
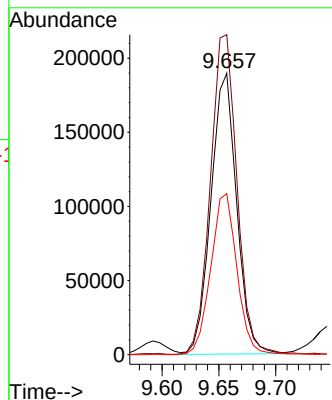
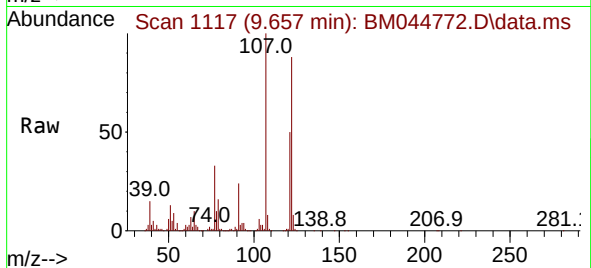
Tgt Ion:122 Resp: 298522

Ion Ratio Lower Upper

122 100

107 113.7 90.5 135.7

121 57.2 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.023 ng

RT: 9.898 min Scan# 1158

Delta R.T. -0.018 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

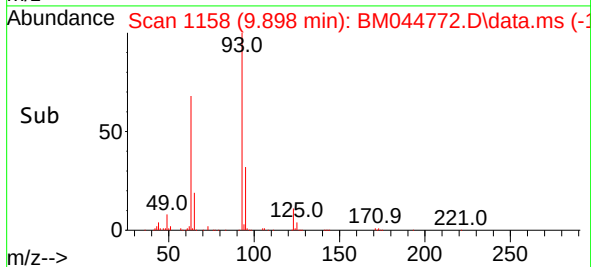
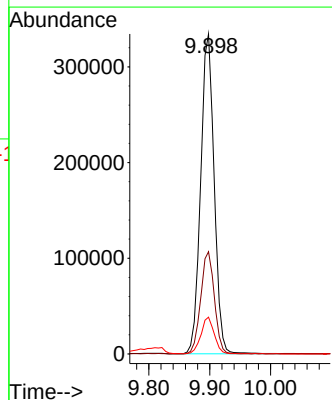
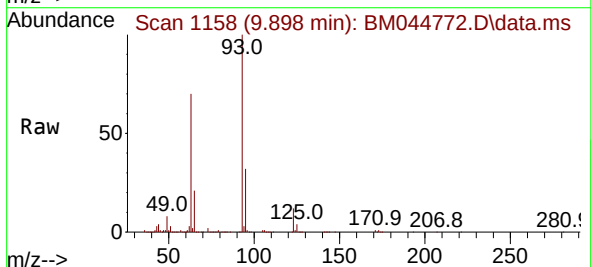
Tgt Ion: 93 Resp: 515639

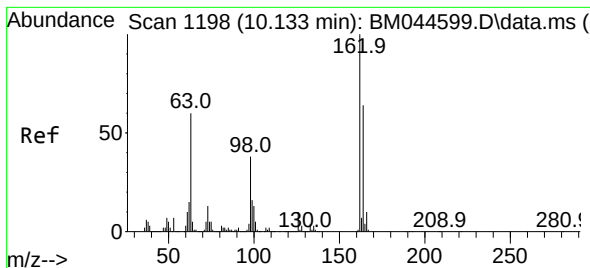
Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.6

123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 46.390 ng

RT: 10.122 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

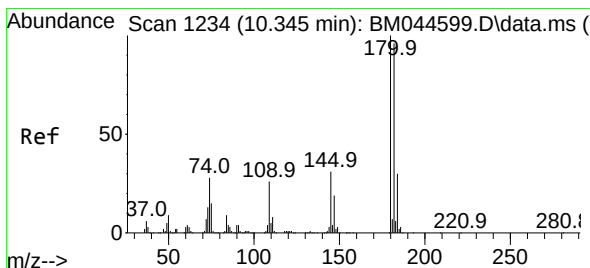
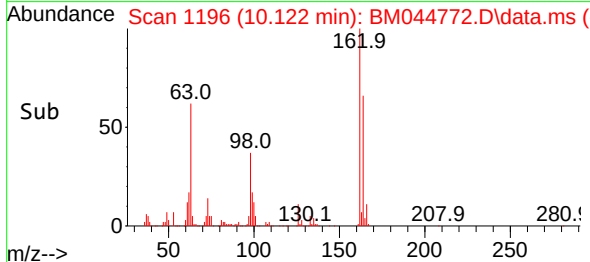
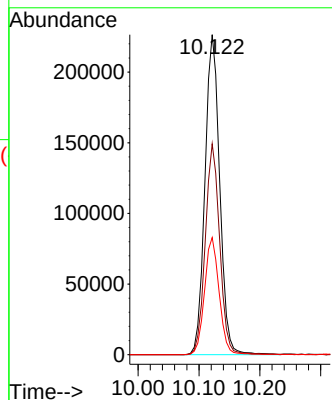
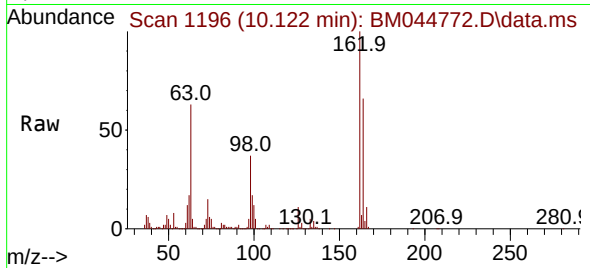
Tgt Ion:162 Resp: 382491

Ion Ratio Lower Upper

162 100

164 65.9 44.1 84.1

98 36.6 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 45.276 ng

RT: 10.327 min Scan# 1231

Delta R.T. -0.018 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

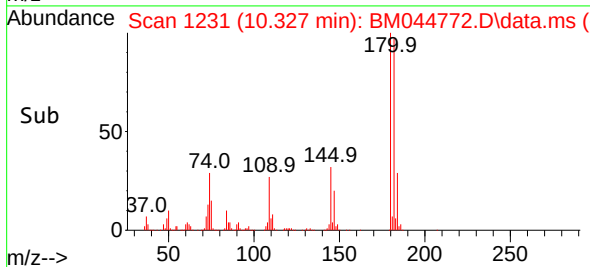
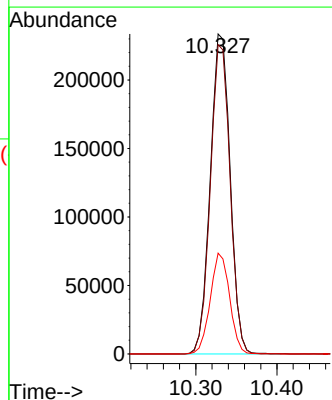
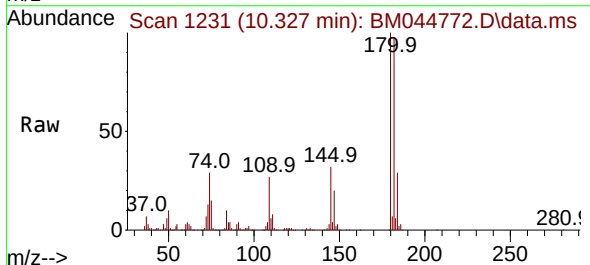
Tgt Ion:180 Resp: 397142

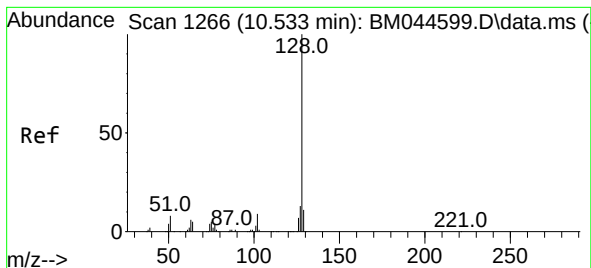
Ion Ratio Lower Upper

180 100

182 96.6 76.6 115.0

145 31.5 24.6 36.8

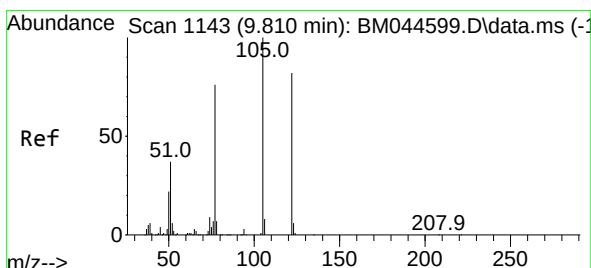
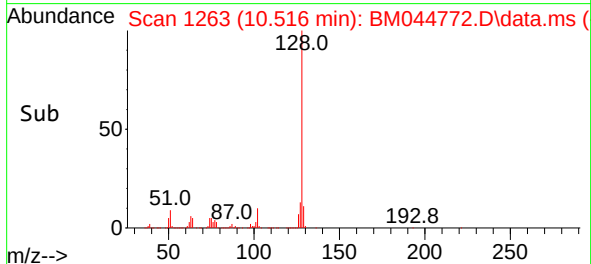
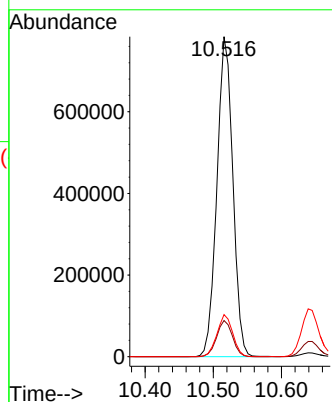
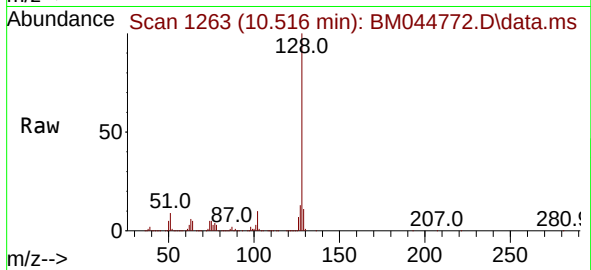




#31
Naphthalene
Concen: 41.776 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

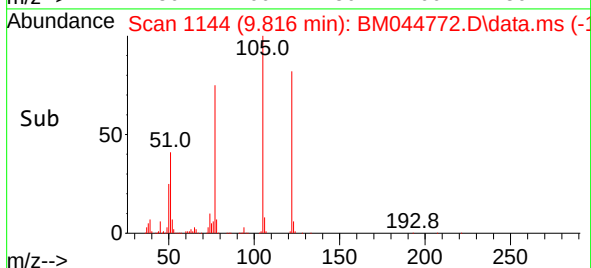
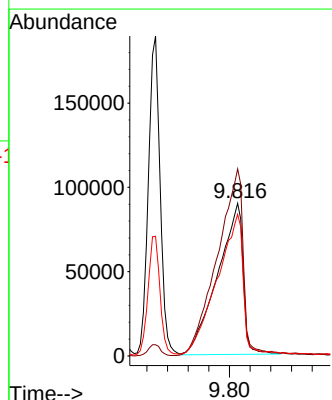
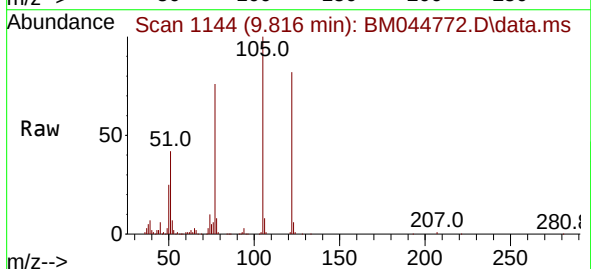
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

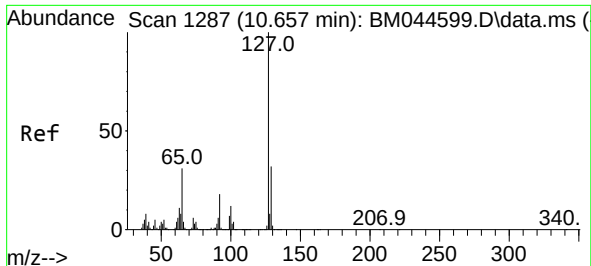
Tgt Ion:128 Resp: 1273825
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 44.570 ng
RT: 9.816 min Scan# 1144
Delta R.T. 0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:122 Resp: 305790
Ion Ratio Lower Upper
122 100
105 122.5 100.0 140.0
77 92.7 72.5 112.5

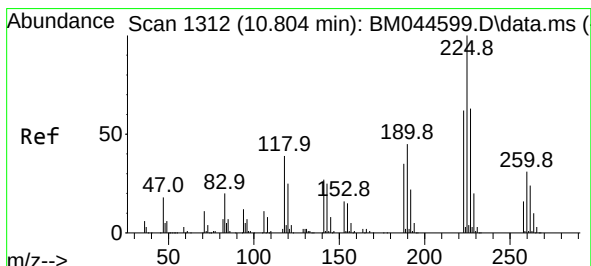
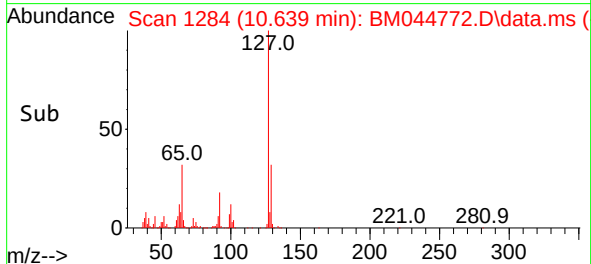
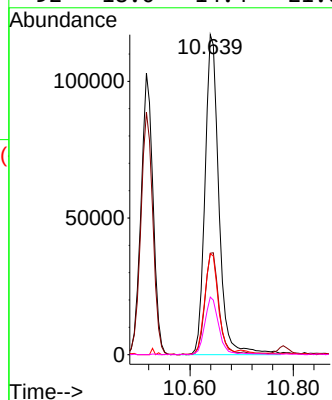
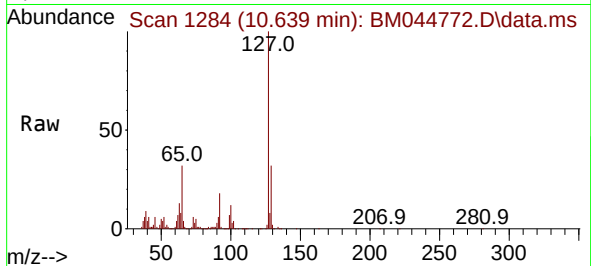




#33
4-Chloroaniline
Concen: 17.148 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

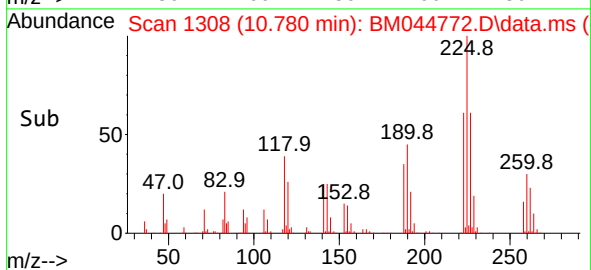
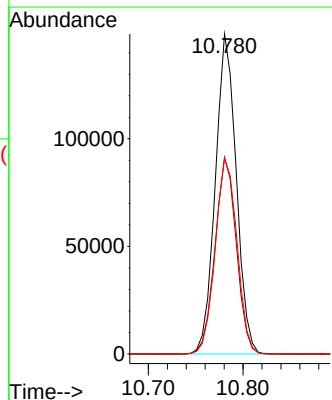
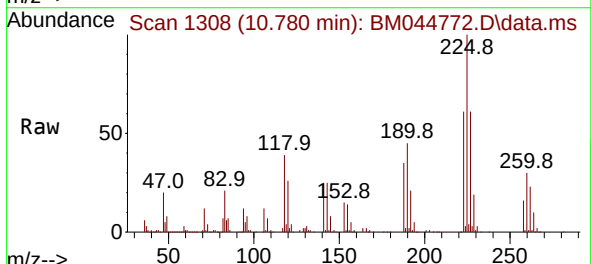
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

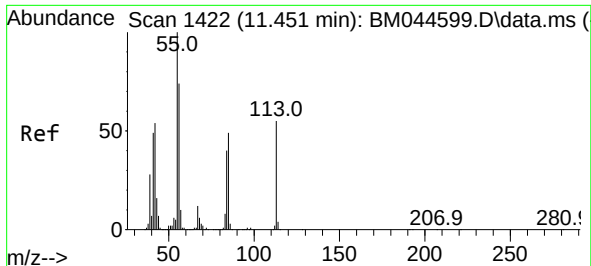
Tgt Ion:127	Resp:	219362
Ion	Ratio	Lower Upper
127	100	
129	31.7	25.6 38.4
65	31.6	25.1 37.7
92	18.0	14.4 21.6



#34
Hexachlorobutadiene
Concen: 46.689 ng
RT: 10.780 min Scan# 1308
Delta R.T. -0.024 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:225	Resp:	228340
Ion	Ratio	Lower Upper
225	100	
223	61.4	49.9 74.9
227	61.1	50.6 75.8

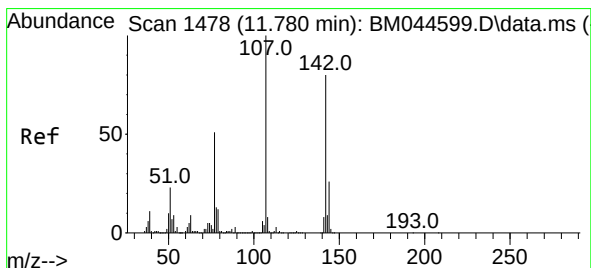
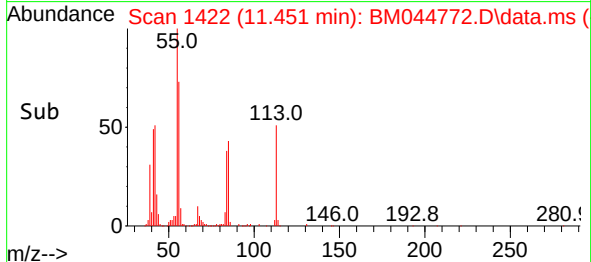
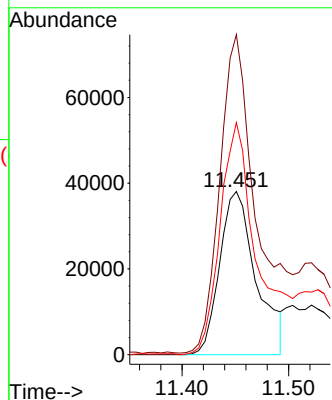
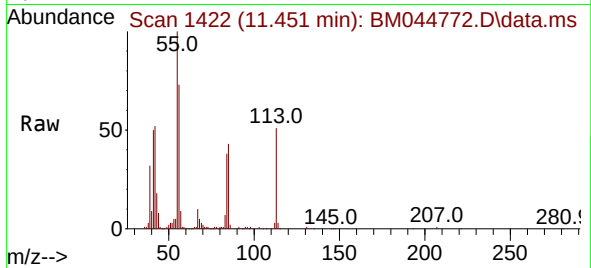




#35
Caprolactam
Concen: 34.069 ng
RT: 11.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

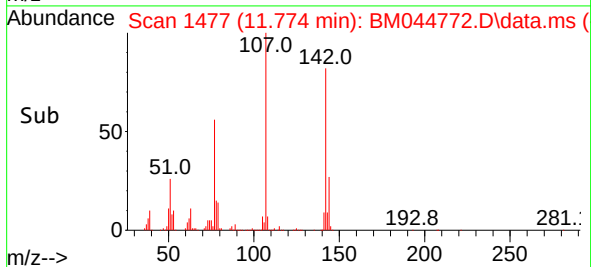
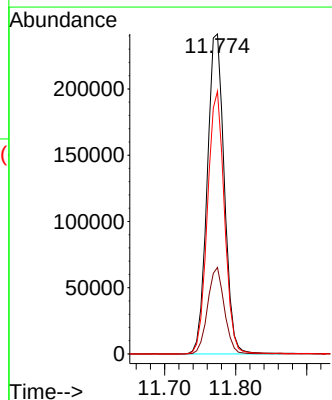
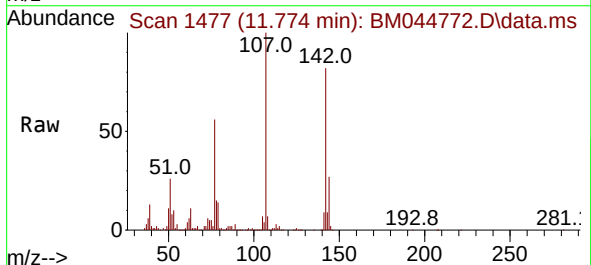
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

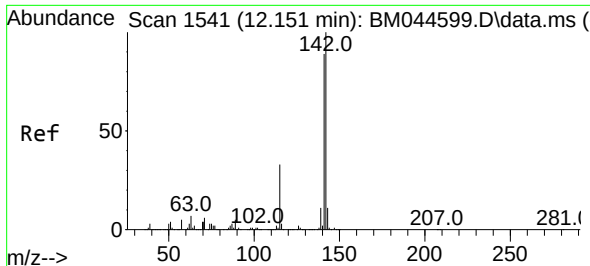
Tgt Ion:113 Resp: 90613
Ion Ratio Lower Upper
113 100
55 196.1 161.1 201.1
56 142.2 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 44.656 ng
RT: 11.774 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:107 Resp: 404027
Ion Ratio Lower Upper
107 100
144 27.1 20.8 31.2
142 82.1 63.8 95.8

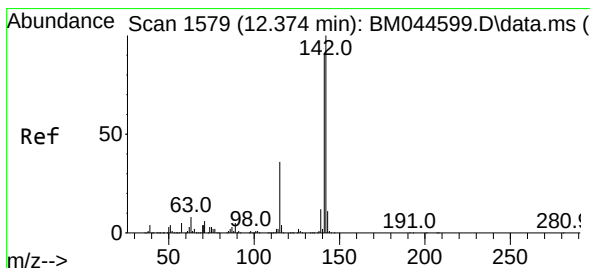
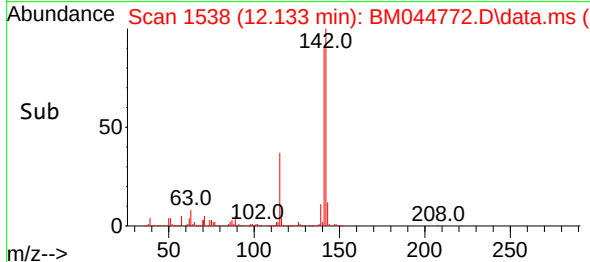
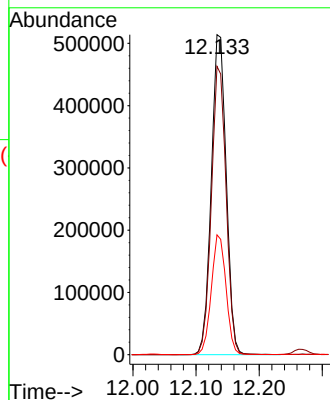
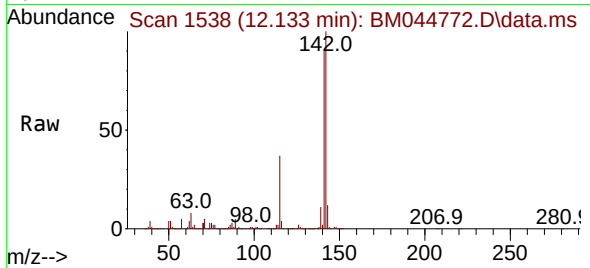




#37
2-Methylnaphthalene
Concen: 40.782 ng
RT: 12.133 min Scan# 1538
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

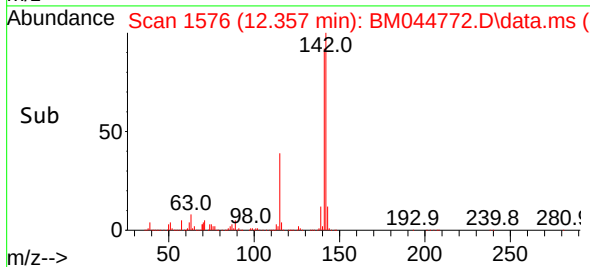
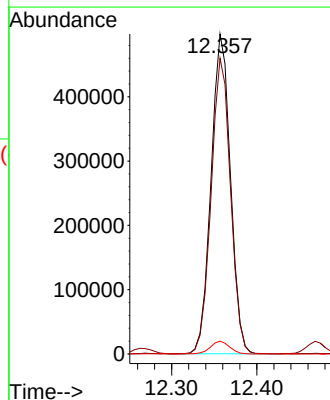
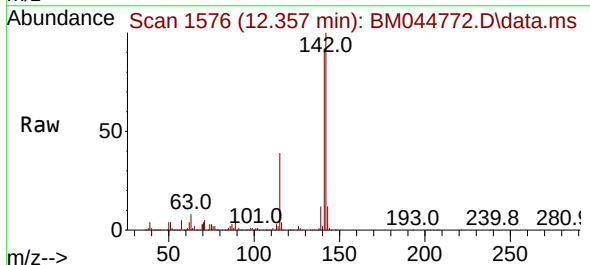
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

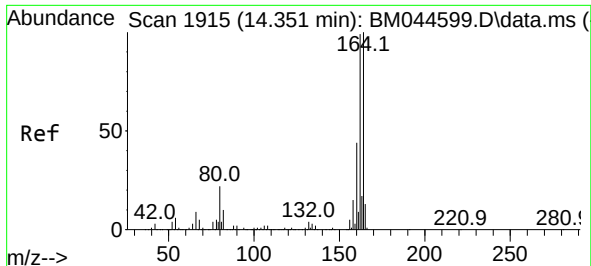
Tgt Ion:142 Resp: 844012
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.6
115 37.4 26.6 40.0



#38
1-Methylnaphthalene
Concen: 40.662 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:142 Resp: 784290
Ion Ratio Lower Upper
142 100
141 92.4 72.9 109.3
116 4.0 2.9 4.3

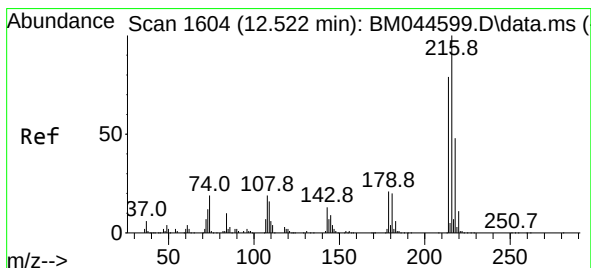
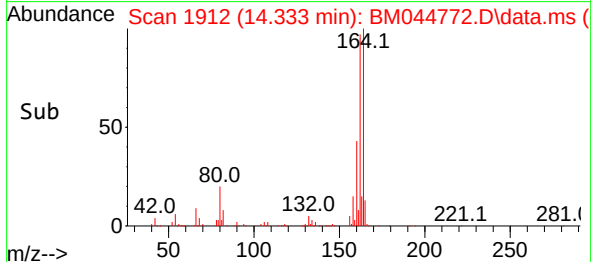
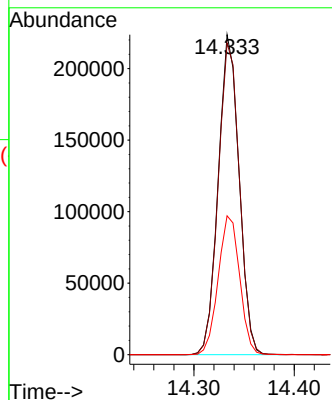
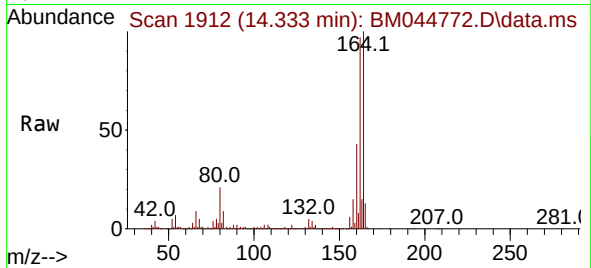




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

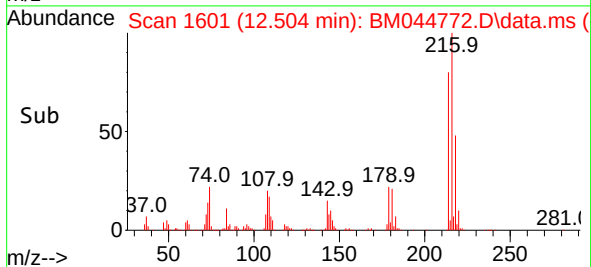
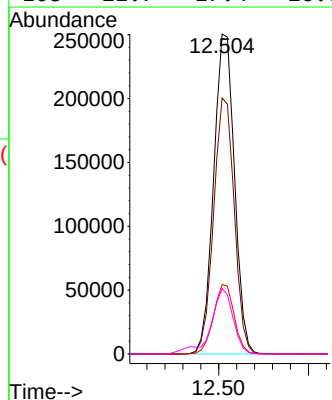
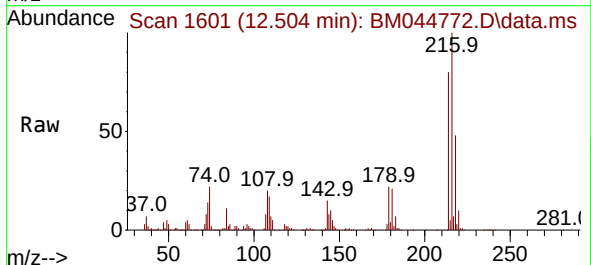
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

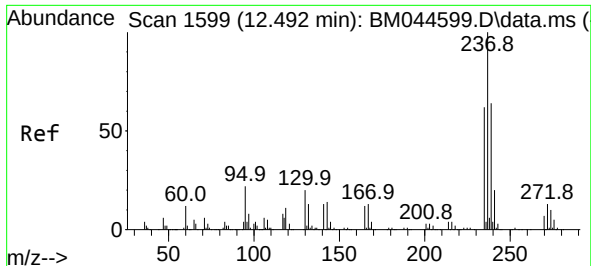
Tgt Ion:164 Resp: 322882
Ion Ratio Lower Upper
164 100
162 97.4 79.3 118.9
160 43.4 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.053 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

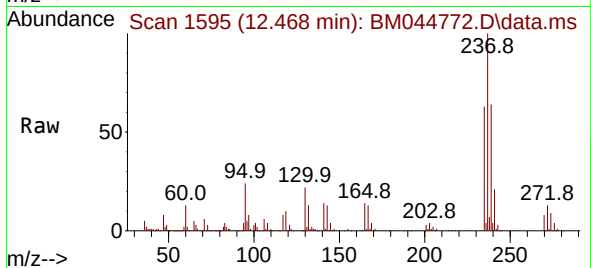
Tgt Ion:216 Resp: 403641
Ion Ratio Lower Upper
216 100
214 79.3 62.9 94.3
179 21.5 16.9 25.3
108 21.7 17.4 26.0



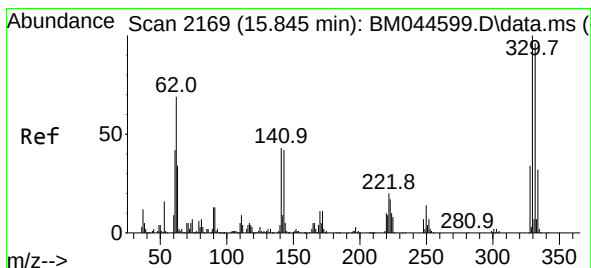
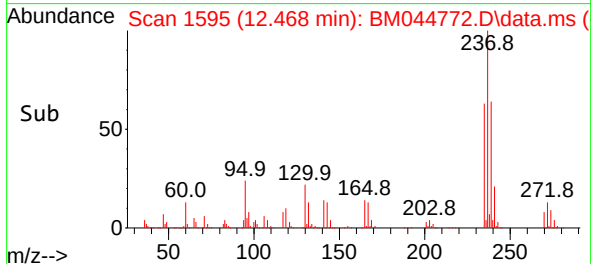
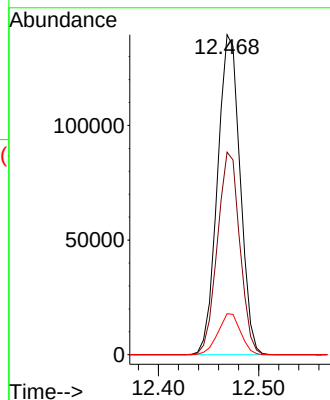


#41
Hexachlorocyclopentadiene
Concen: 41.835 ng
RT: 12.468 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

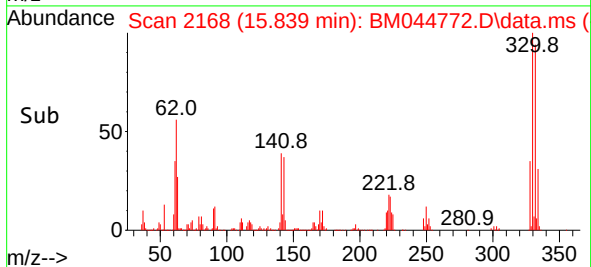
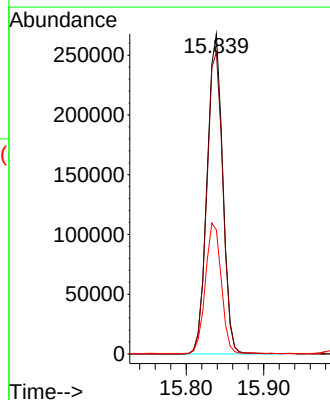
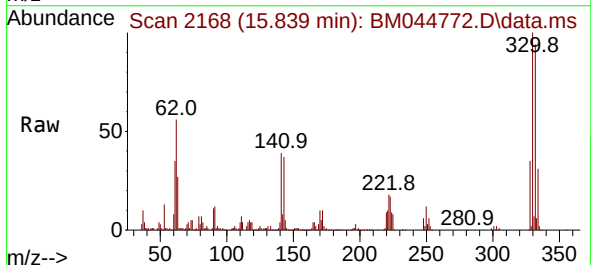


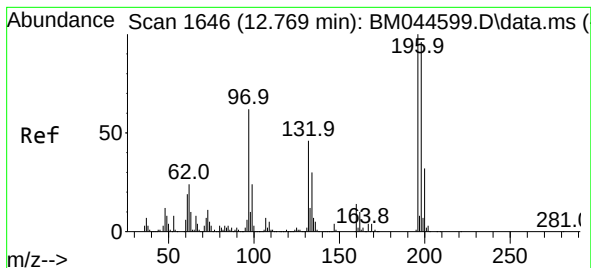
Tgt Ion:237 Resp: 218374
Ion Ratio Lower Upper
237 100
235 63.3 42.1 82.1
272 12.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 105.420 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:330 Resp: 375429
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 41.3 33.4 50.0





#43

2,4,6-Trichlorophenol

Concen: 46.393 ng

RT: 12.757 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

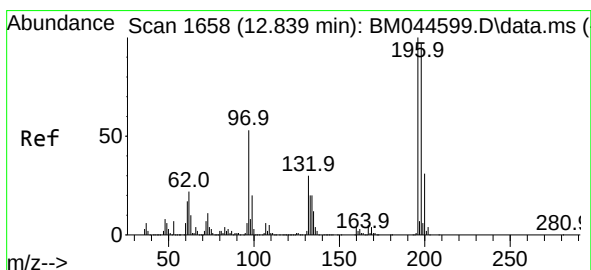
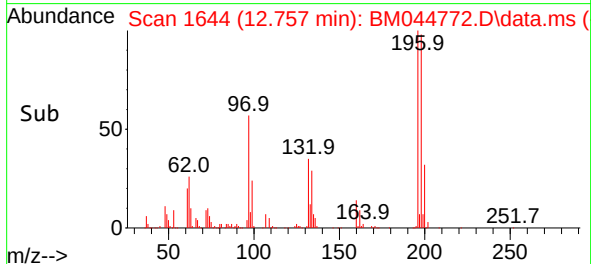
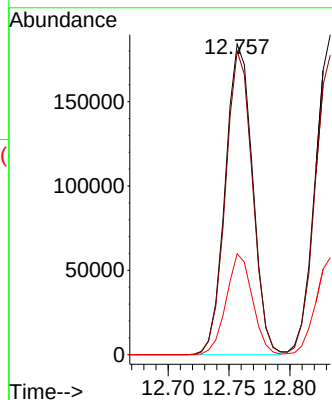
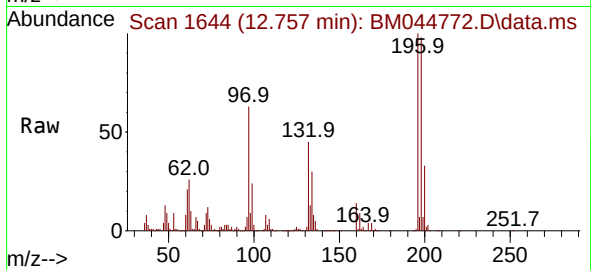
Tgt Ion:196 Resp: 287032

Ion Ratio Lower Upper

196 100

198 97.7 76.9 115.3

200 32.5 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 42.626 ng

RT: 12.833 min Scan# 1657

Delta R.T. -0.006 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Tgt Ion:196 Resp: 312492

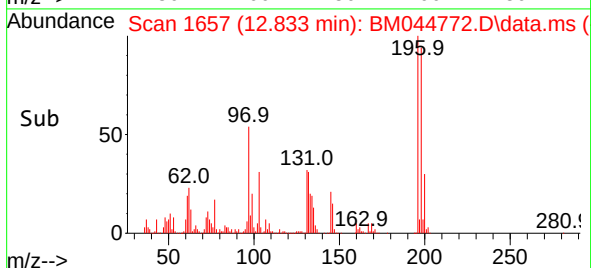
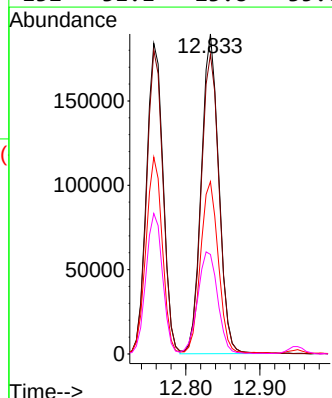
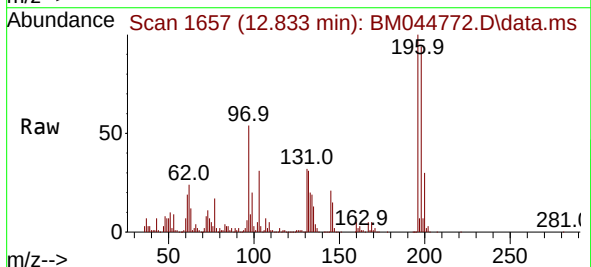
Ion Ratio Lower Upper

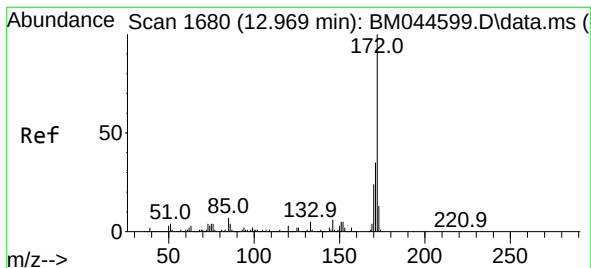
196 100

198 93.6 77.7 116.5

97 53.8 42.8 64.2

132 31.1 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 56.497 ng

RT: 12.951 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

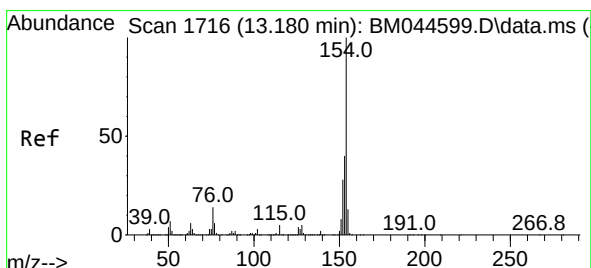
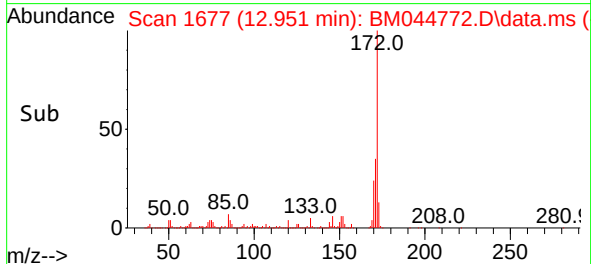
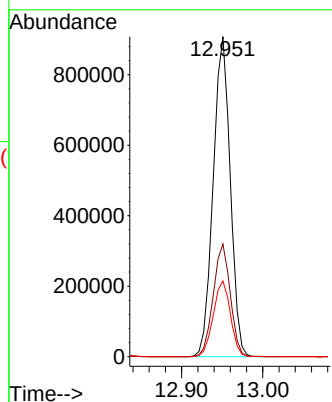
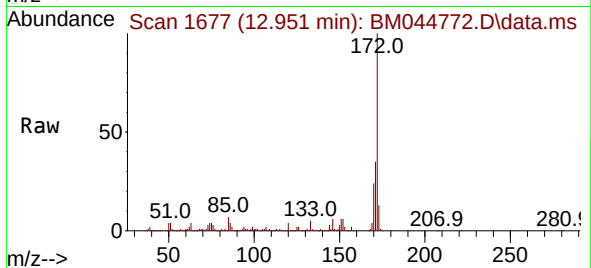
Tgt Ion:172 Resp: 1324556

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.908 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.018 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

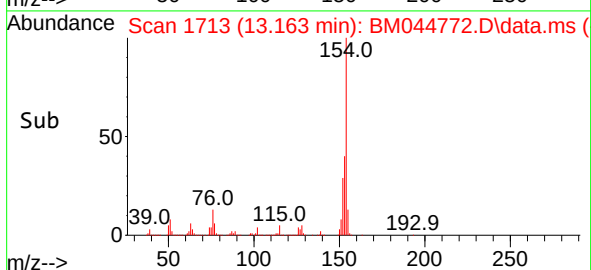
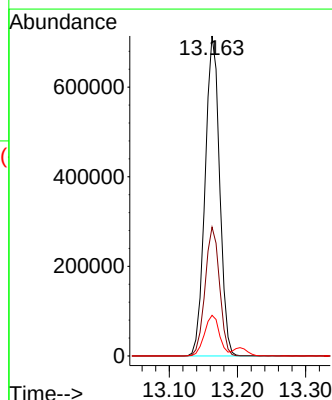
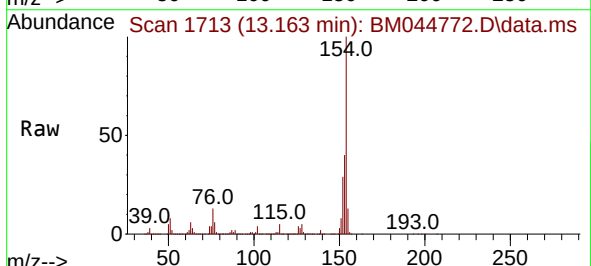
Tgt Ion:154 Resp: 1058315

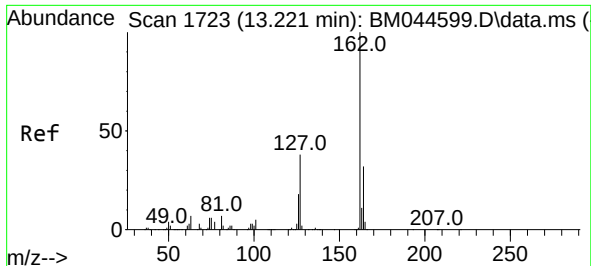
Ion Ratio Lower Upper

154 100

153 40.3 19.9 59.9

76 12.7 0.0 34.0





#47

2-Chloronaphthalene

Concen: 44.096 ng

RT: 13.204 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

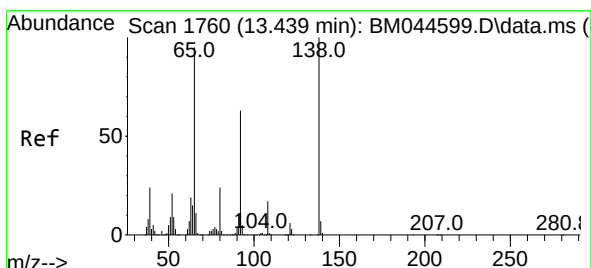
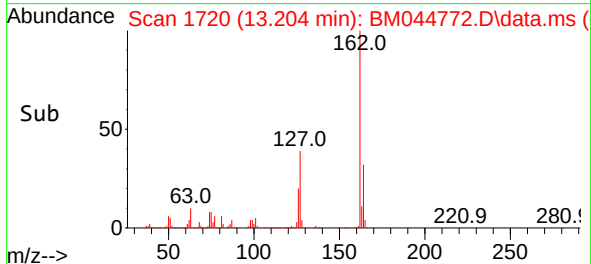
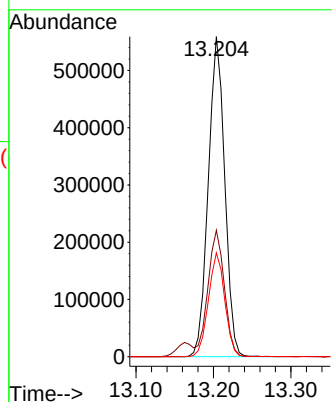
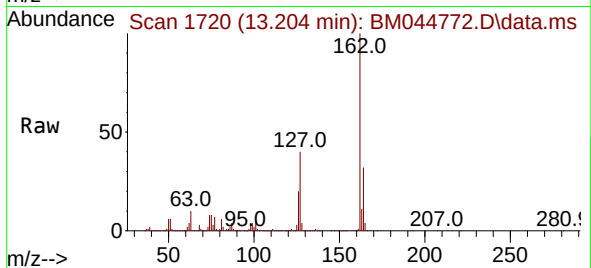
Tgt Ion:162 Resp: 823448

Ion Ratio Lower Upper

162 100

127 39.5 31.4 47.0

164 32.5 25.8 38.8



#48

2-Nitroaniline

Concen: 45.819 ng

RT: 13.427 min Scan# 1758

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

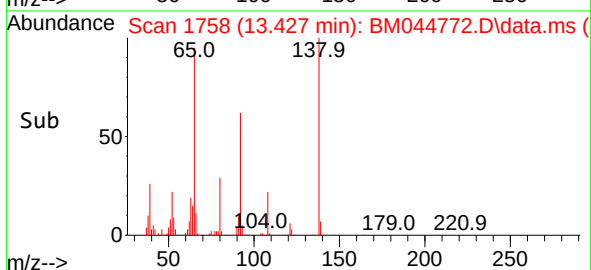
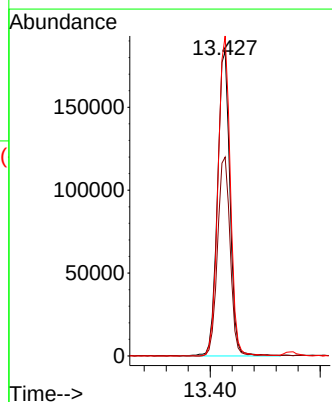
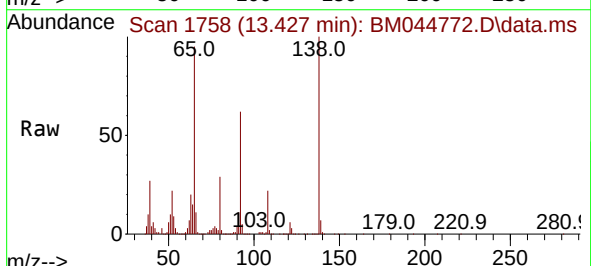
Tgt Ion: 65 Resp: 290313

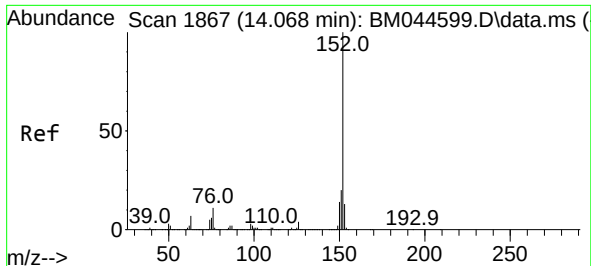
Ion Ratio Lower Upper

65 100

92 65.3 53.3 79.9

138 105.1 84.3 126.5

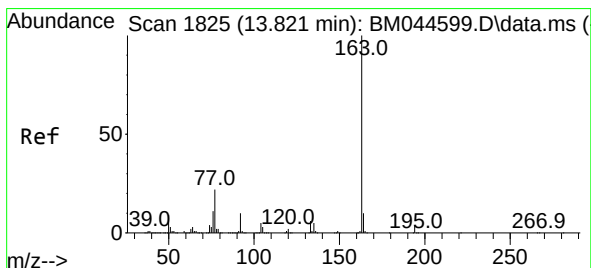
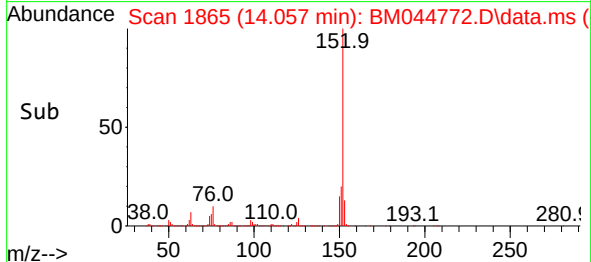
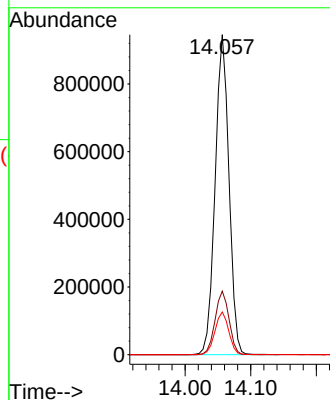
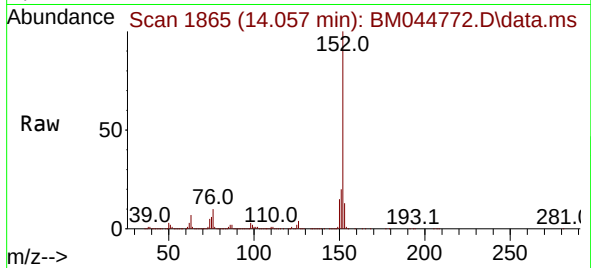




#49
Acenaphthylene
Concen: 45.366 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

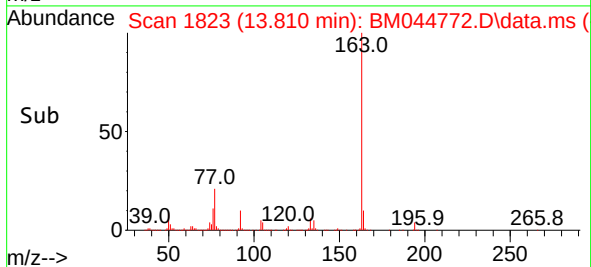
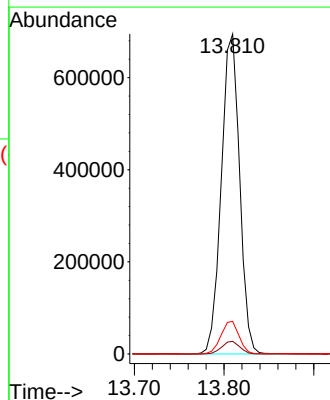
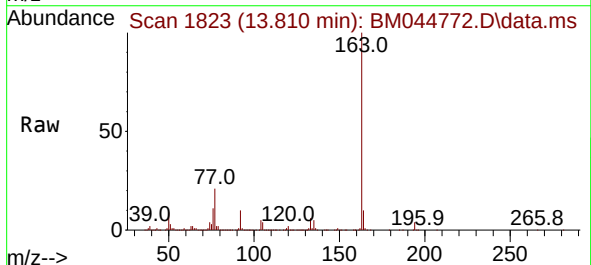
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

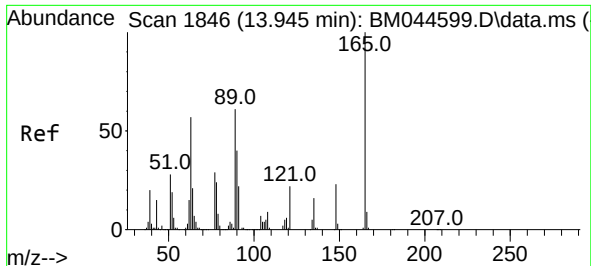
Tgt Ion:152 Resp: 1380035
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 40.709 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.011 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:163 Resp: 983158
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.0 12.0

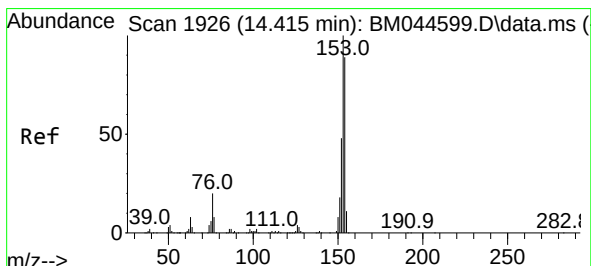
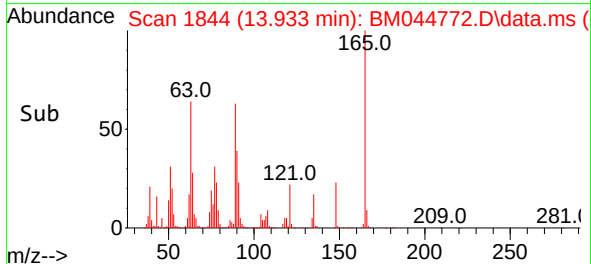
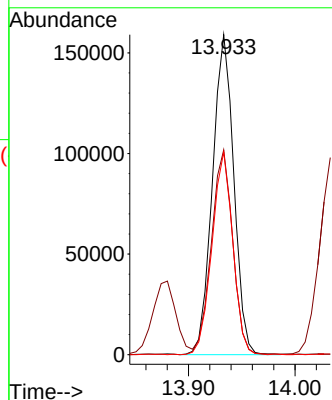
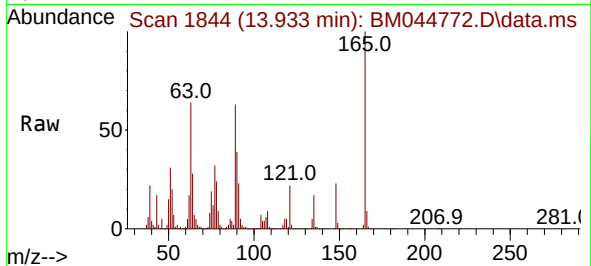




#51
2,6-Dinitrotoluene
Concen: 44.017 ng
RT: 13.933 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

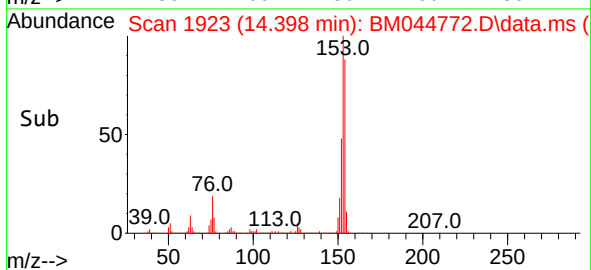
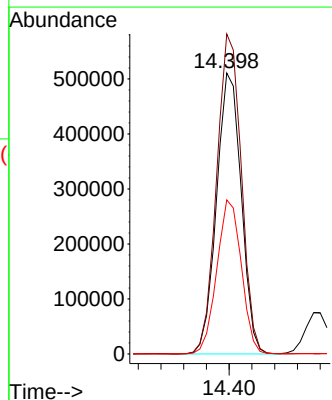
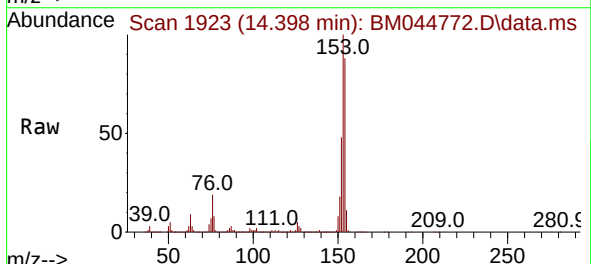
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

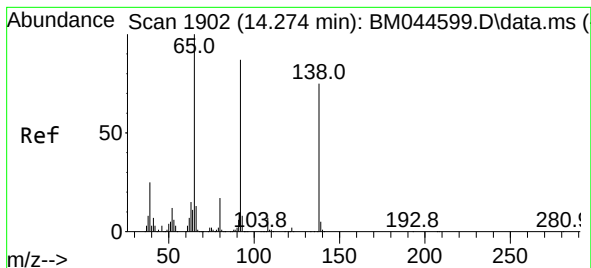
Tgt Ion:165 Resp: 221372
Ion Ratio Lower Upper
165 100
63 64.0 50.4 75.6
89 63.4 49.3 73.9



#52
Acenaphthene
Concen: 42.013 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:154 Resp: 772578
Ion Ratio Lower Upper
154 100
153 113.9 90.3 135.5
152 54.8 43.1 64.7

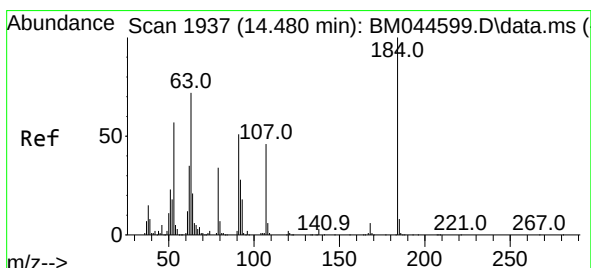
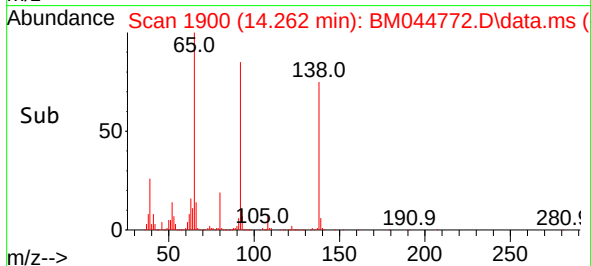
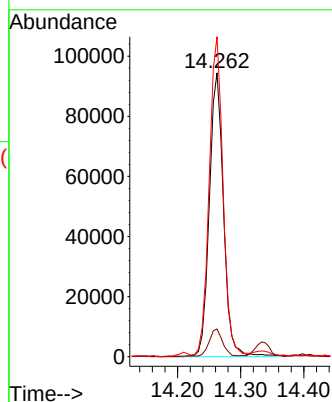
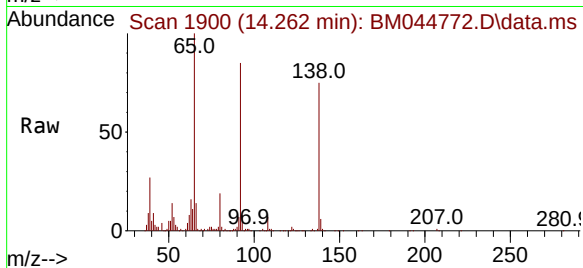




#53
3-Nitroaniline
Concen: 25.003 ng
RT: 14.262 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

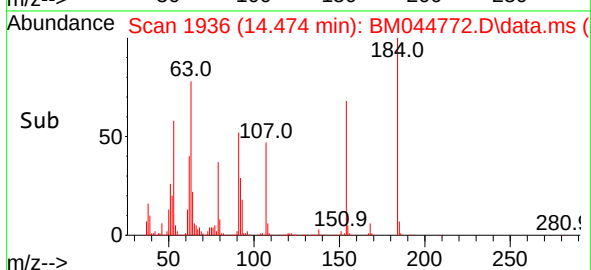
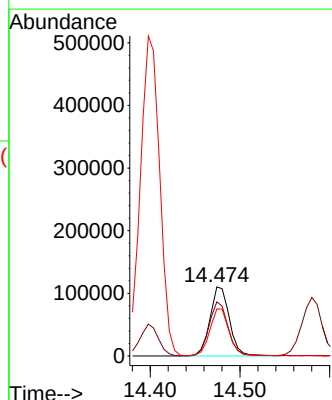
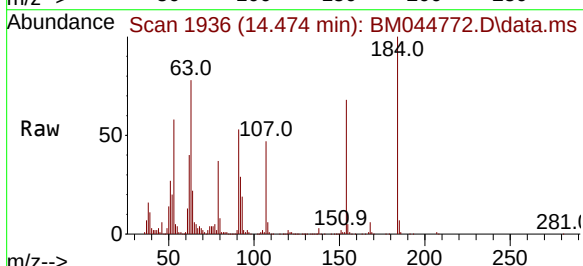
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

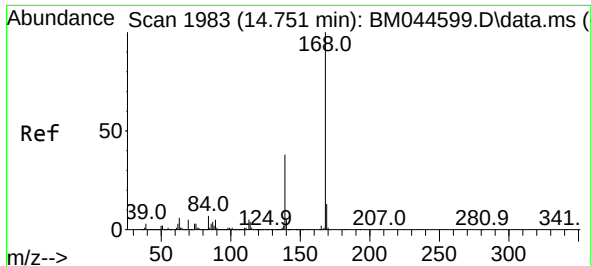
Tgt Ion:138 Resp: 147244
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 112.8 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 51.837 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:184 Resp: 165029
Ion Ratio Lower Upper
184 100
63 78.2 62.2 93.2
154 68.0 47.9 71.9

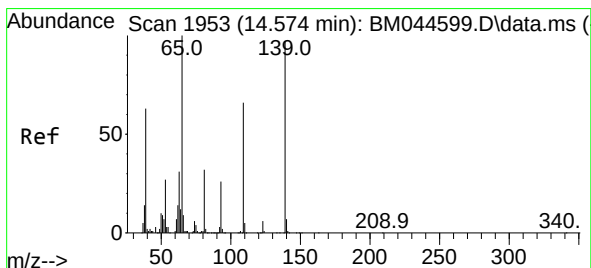
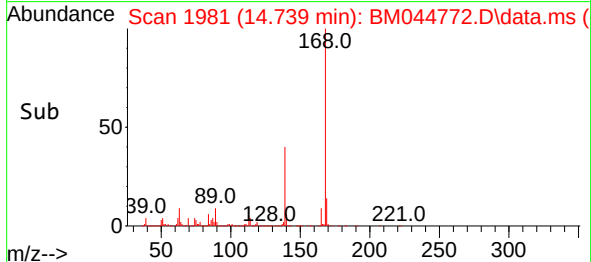
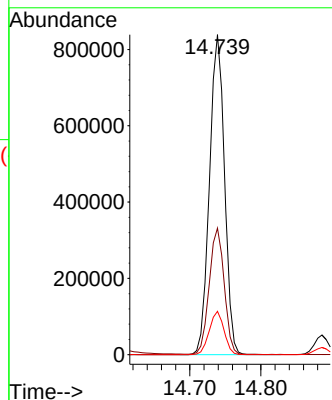
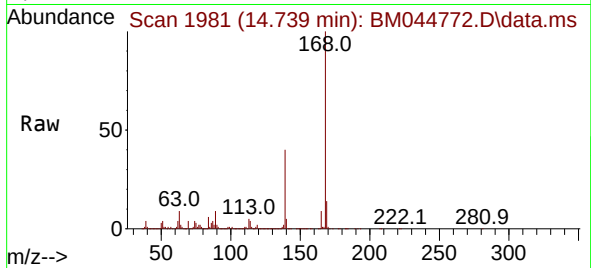




#55
Dibenzenofuran
Concen: 42.311 ng
RT: 14.739 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

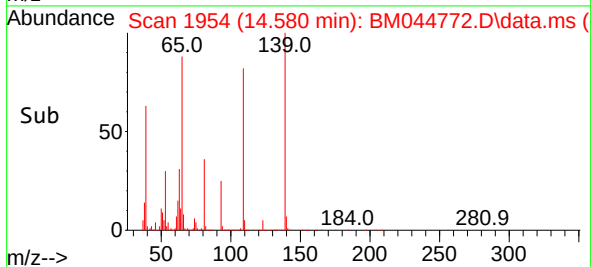
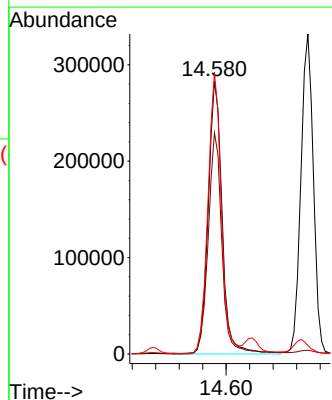
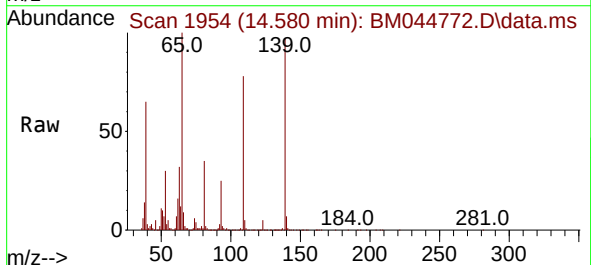
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

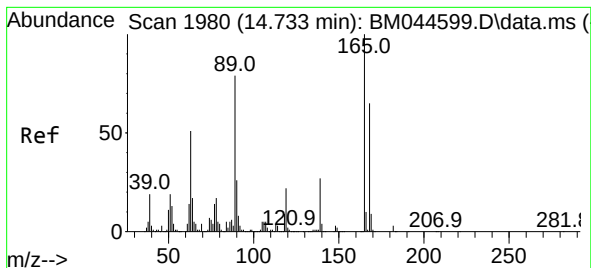
Tgt Ion:168 Resp: 1234870
Ion Ratio Lower Upper
168 100
139 39.6 30.6 46.0
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 95.896 ng
RT: 14.580 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:139 Resp: 463809
Ion Ratio Lower Upper
139 100
109 81.1 48.0 88.0
65 103.4 83.5 123.5

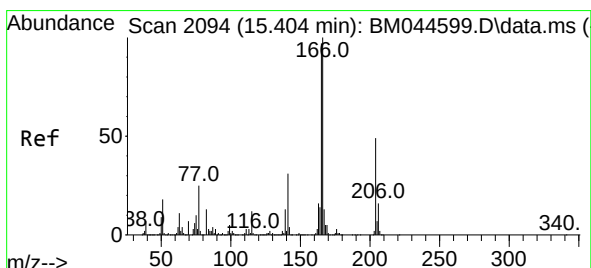
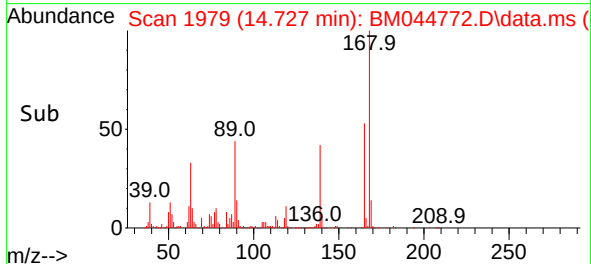
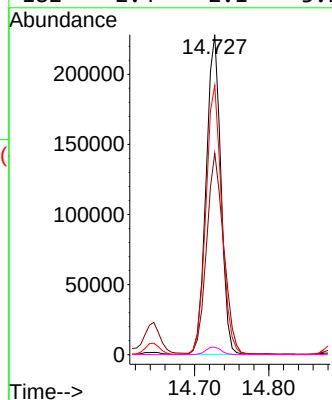
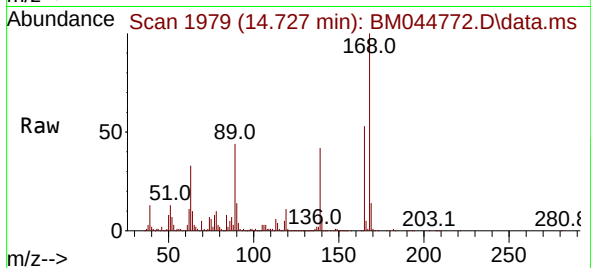




#57
2,4-Dinitrotoluene
Concen: 47.974 ng
RT: 14.727 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

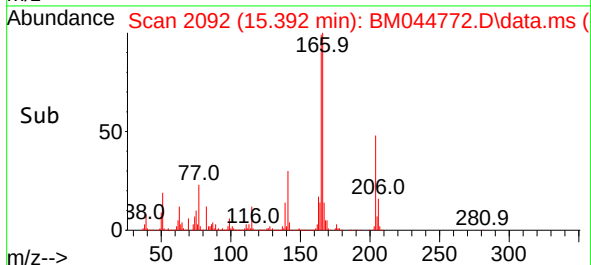
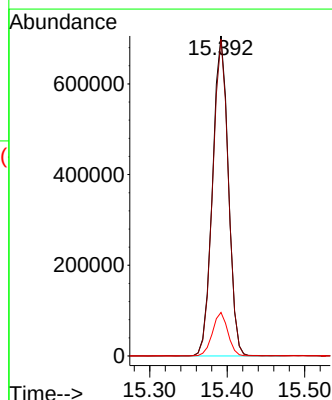
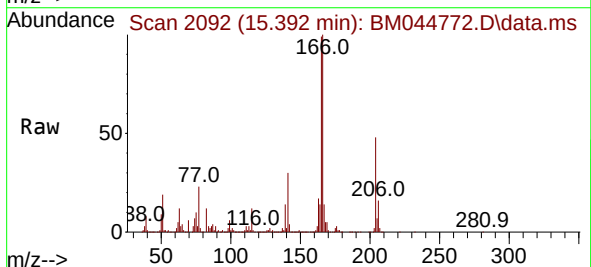
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

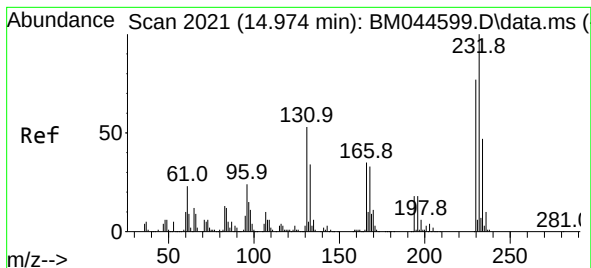
Tgt Ion:165 Resp: 315253
Ion Ratio Lower Upper
165 100
63 63.0 40.9 61.3#
89 84.2 63.4 95.0
182 2.4 2.1 3.1



#58
Fluorene
Concen: 43.784 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:166 Resp: 995127
Ion Ratio Lower Upper
166 100
165 99.0 77.7 116.5
167 13.6 10.8 16.2

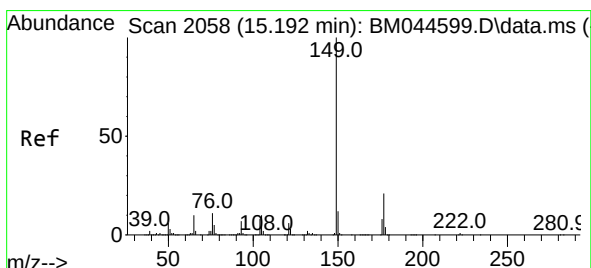
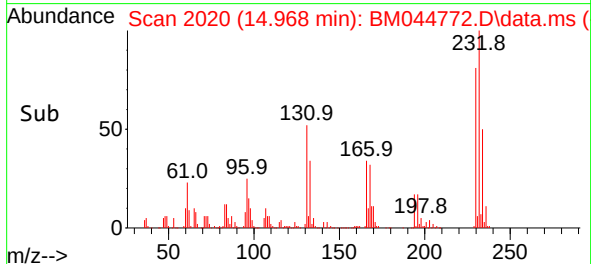
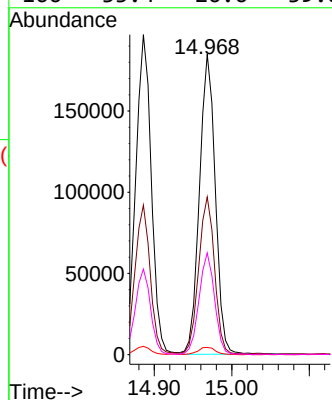
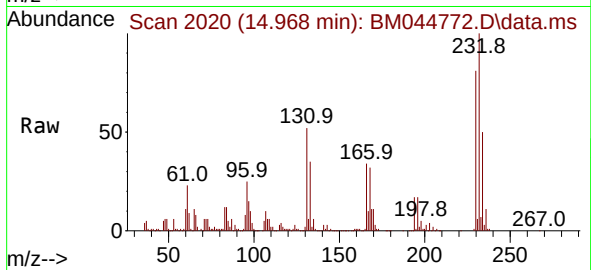




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.191 ng
RT: 14.968 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

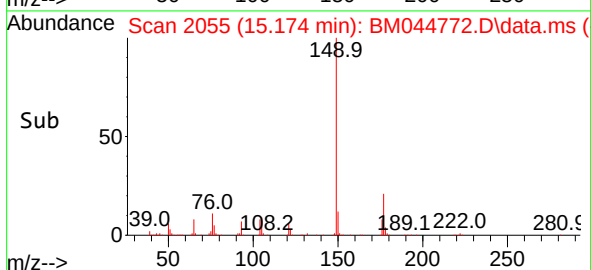
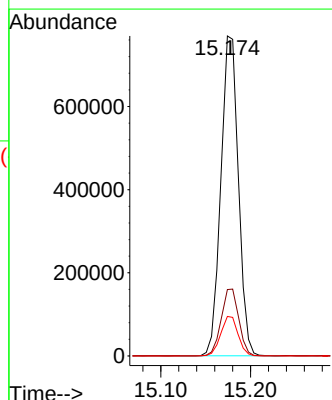
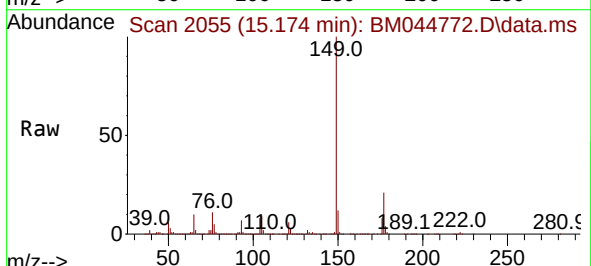
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

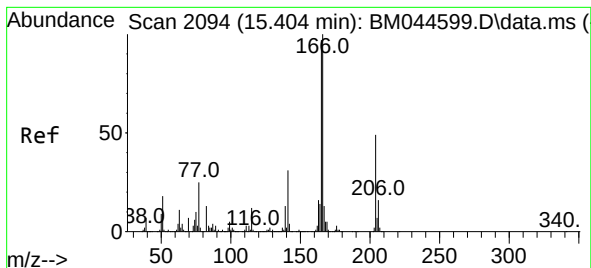
Tgt Ion:232 Resp: 262910
Ion Ratio Lower Upper
232 100
131 52.2 41.0 61.4
130 2.7 2.1 3.1
166 33.4 26.6 39.8



#60
Diethylphthalate
Concen: 42.638 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:149 Resp: 1042413
Ion Ratio Lower Upper
149 100
177 20.7 16.8 25.2
150 12.4 9.8 14.8

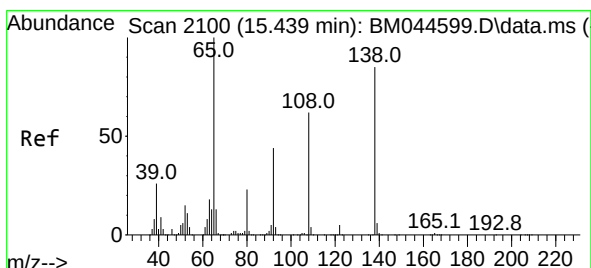
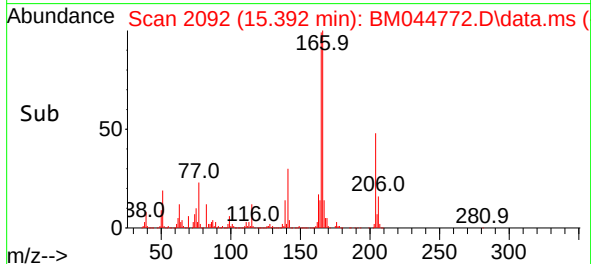
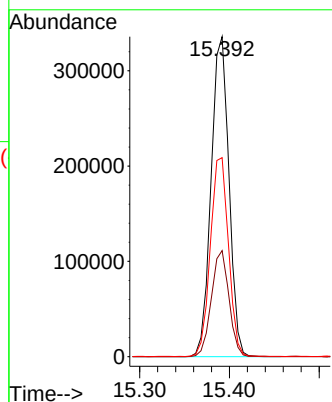
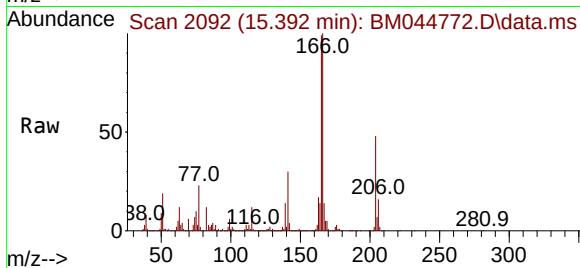




#61
4-Chlorophenyl-phenylether
Concen: 42.416 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

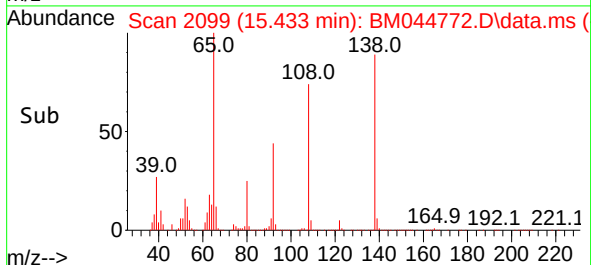
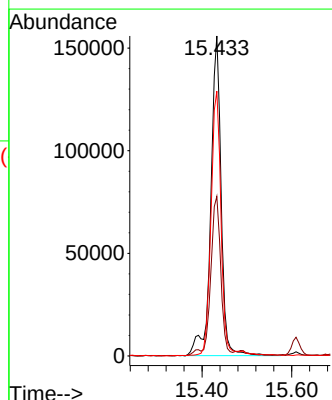
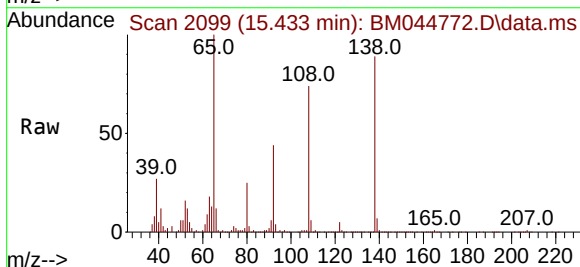
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

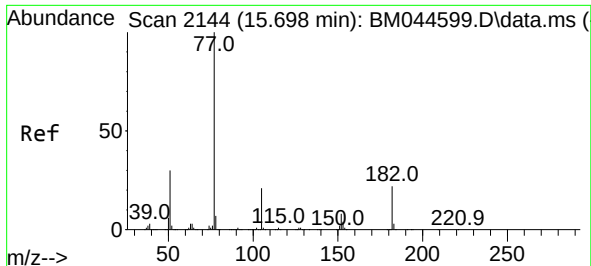
Tgt Ion:204 Resp: 462803
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 62.2 49.8 74.8



#62
4-Nitroaniline
Concen: 42.447 ng
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:138 Resp: 249705
Ion Ratio Lower Upper
138 100
92 49.9 31.9 71.9
108 82.7 53.7 93.7



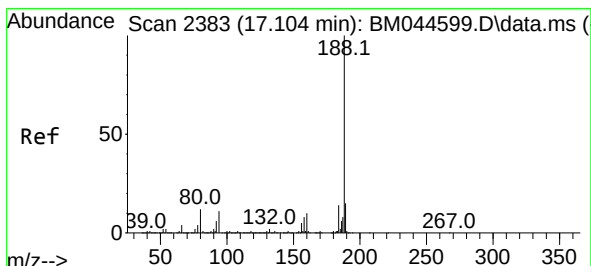
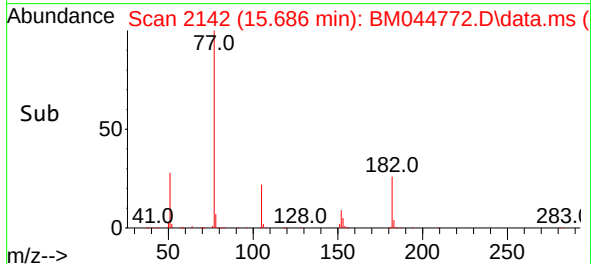
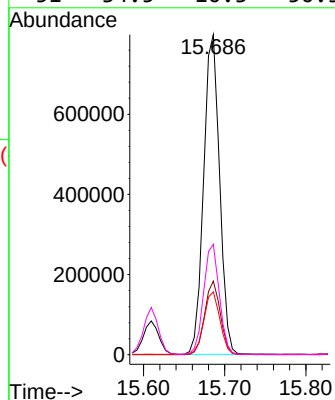
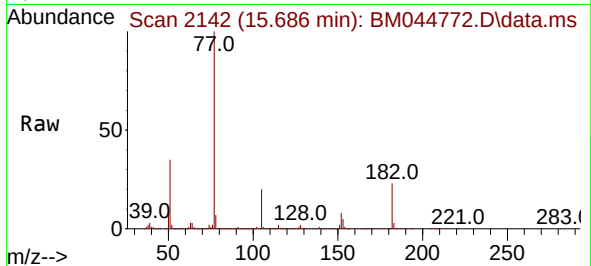


#63
 Azobenzene
 Concen: 43.005 ng
 RT: 15.686 min Scan# 2142
 Delta R.T. -0.012 min
 Lab File: BM044772.D
 Acq: 26 Mar 2024 17:13

Instrument :
 BNA_M
 ClientSampleId :
 VNJ229-72-11976MS

Tgt Ion: 77 Resp: 1086812

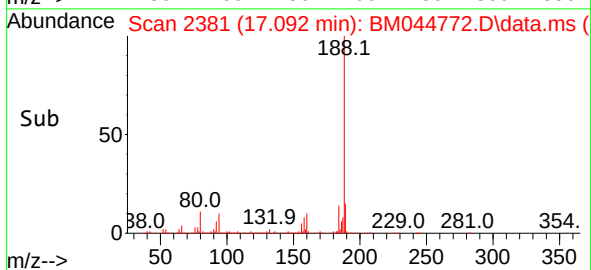
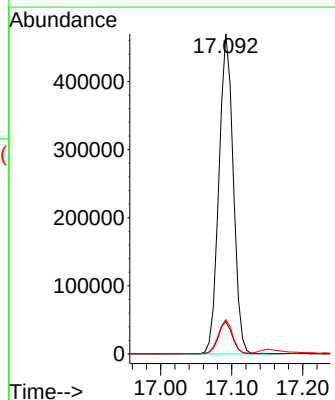
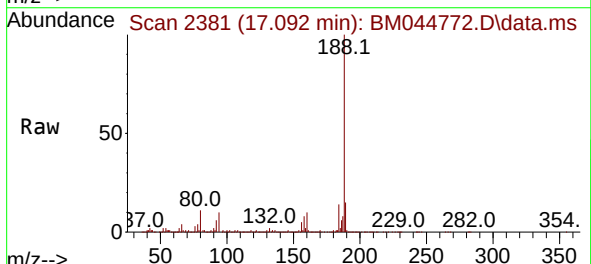
Ion	Ratio	Lower	Upper
77	100		
182	23.0	1.8	41.8
105	19.6	0.7	40.7
51	34.5	10.3	50.3

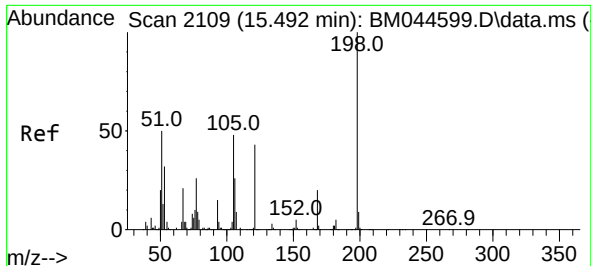


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.092 min Scan# 2381
 Delta R.T. -0.012 min
 Lab File: BM044772.D
 Acq: 26 Mar 2024 17:13

Tgt Ion: 188 Resp: 655698

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.4	12.6
80	10.7	9.4	14.0

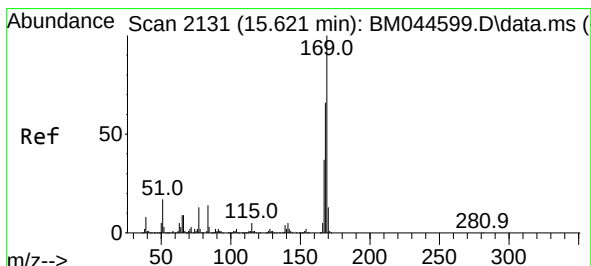
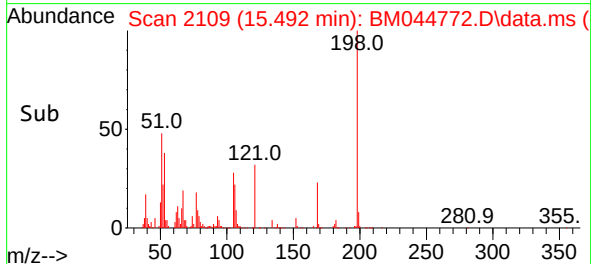
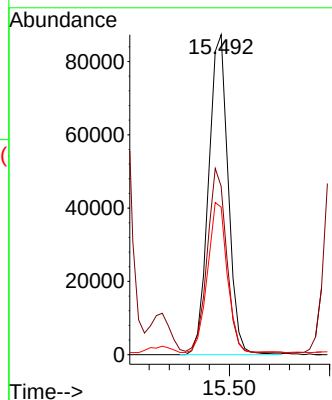
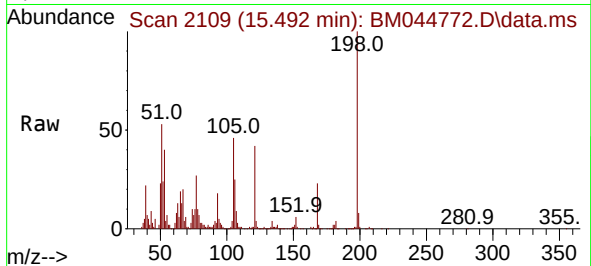




#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.883 ng
 RT: 15.492 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: BM044772.D
 Acq: 26 Mar 2024 17:13

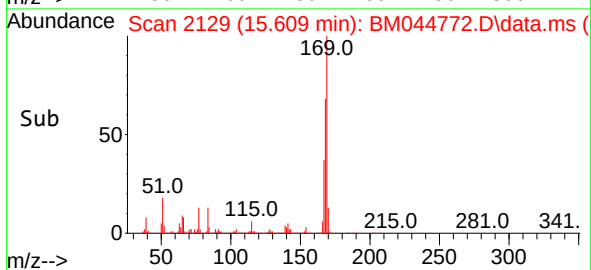
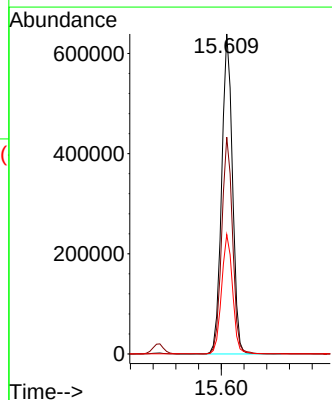
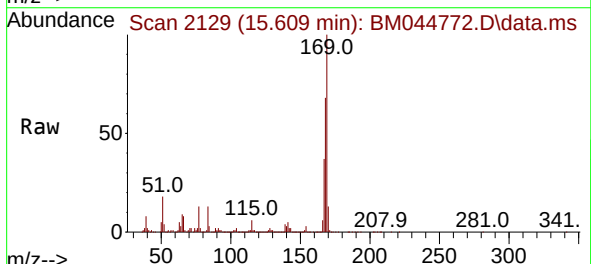
Instrument :
 BNA_M
 ClientSampleId :
 VNJ229-72-11976MS

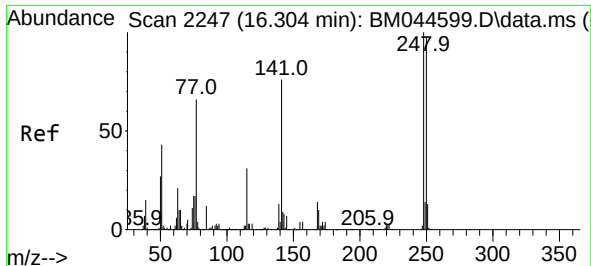
Tgt Ion:198 Resp: 118770
 Ion Ratio Lower Upper
 198 100
 51 52.6 35.0 75.0
 105 46.1 28.5 68.5



#66
 n-Nitrosodiphenylamine
 Concen: 41.379 ng
 RT: 15.609 min Scan# 2129
 Delta R.T. -0.012 min
 Lab File: BM044772.D
 Acq: 26 Mar 2024 17:13

Tgt Ion:169 Resp: 845603
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.1 79.7
 167 37.3 29.5 44.3

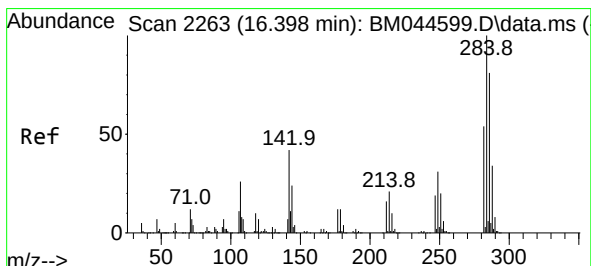
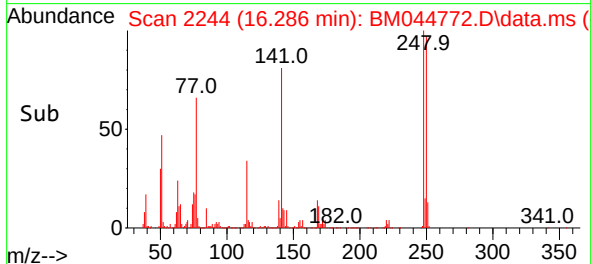
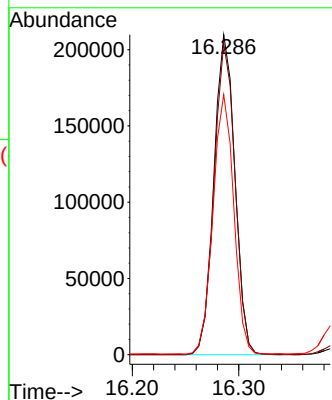
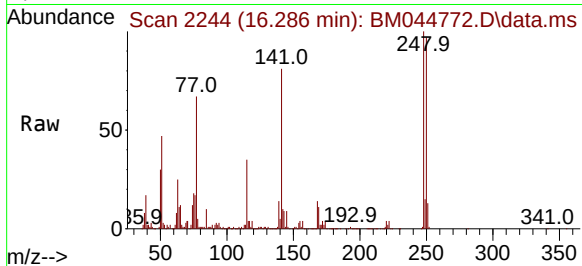




#67
4-Bromophenyl-phenylether
Concen: 42.350 ng
RT: 16.286 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

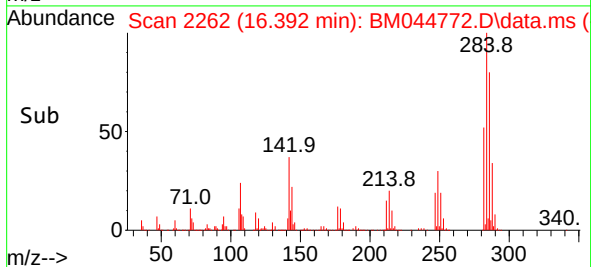
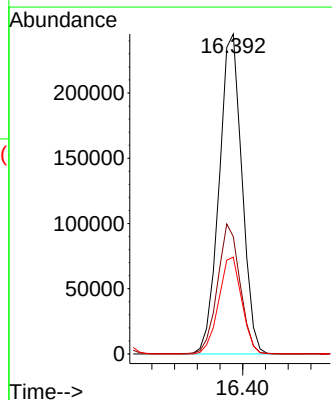
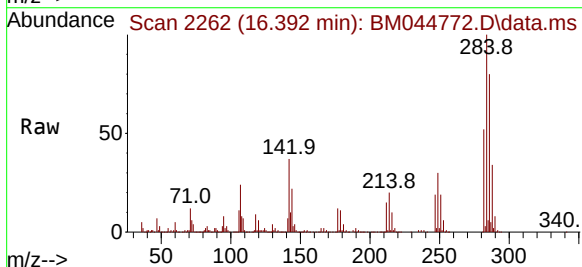
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

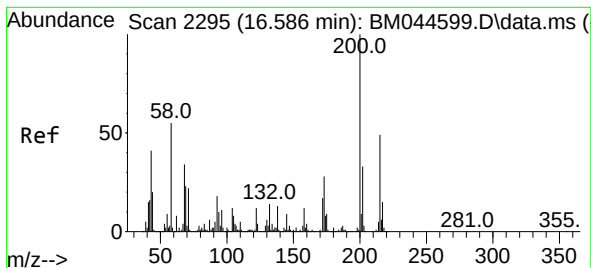
Tgt Ion:248 Resp: 287230
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 81.3 60.6 90.8



#68
Hexachlorobenzene
Concen: 47.492 ng
RT: 16.392 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:284 Resp: 342397
Ion Ratio Lower Upper
284 100
142 36.7 33.7 50.5
249 30.2 24.8 37.2





#69

Atrazine

Concen: 46.124 ng

RT: 16.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

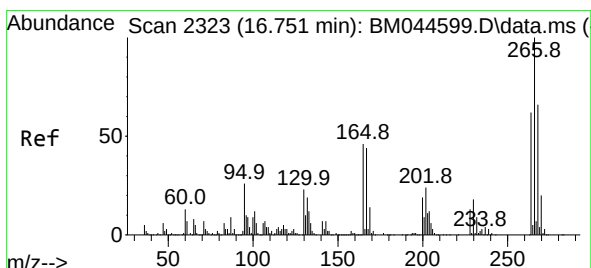
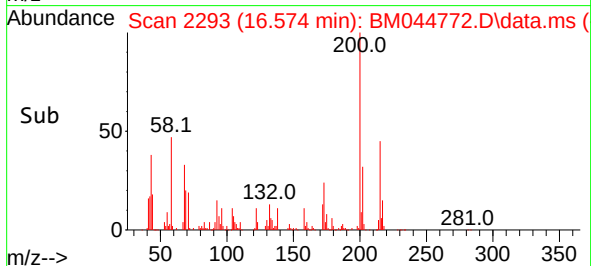
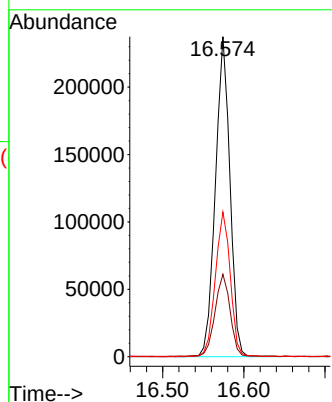
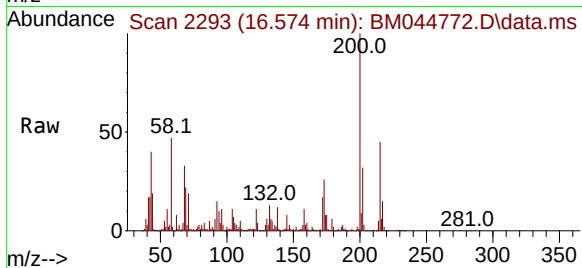
Tgt Ion:200 Resp: 294534

Ion Ratio Lower Upper

200 100

173 25.8 7.7 47.7

215 45.2 28.7 68.7



#70

Pentachlorophenol

Concen: 93.109 ng

RT: 16.745 min Scan# 2322

Delta R.T. -0.006 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

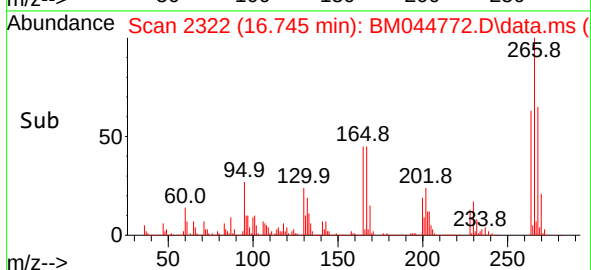
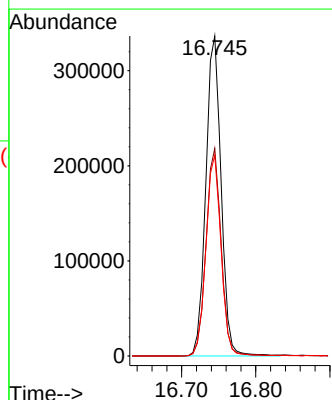
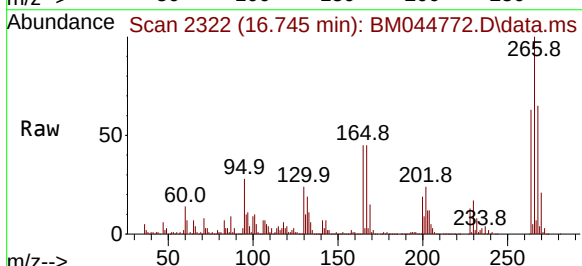
Tgt Ion:266 Resp: 482855

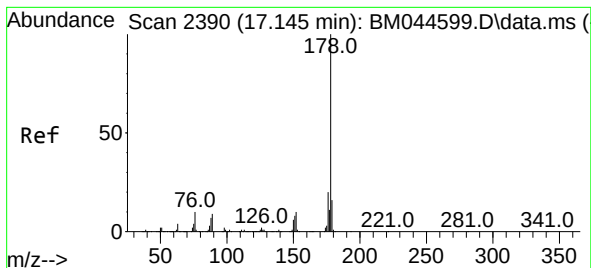
Ion Ratio Lower Upper

266 100

268 64.9 52.4 78.6

264 62.8 49.8 74.8





#71

Phenanthrene

Concen: 43.054 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

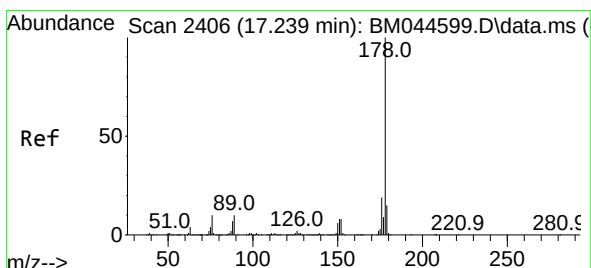
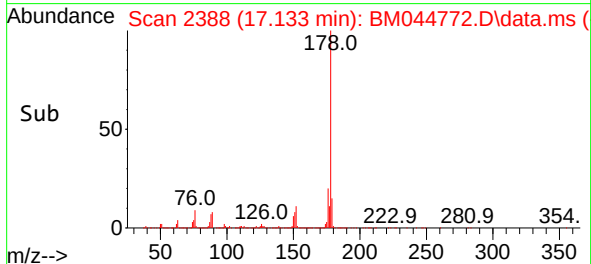
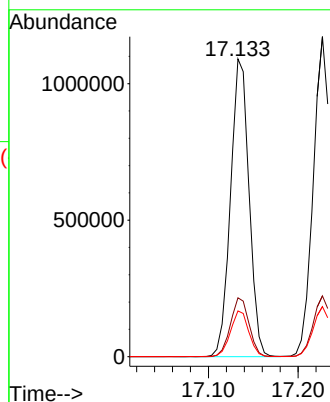
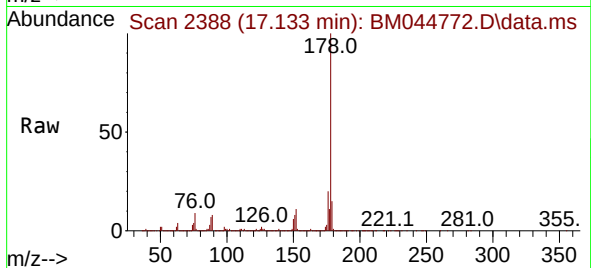
Tgt Ion:178 Resp: 1560092

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 15.4 12.4 18.6



#72

Anthracene

Concen: 44.265 ng

RT: 17.227 min Scan# 2404

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

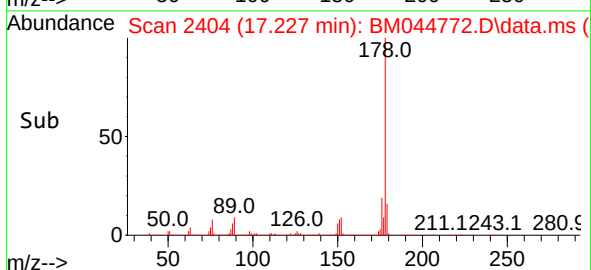
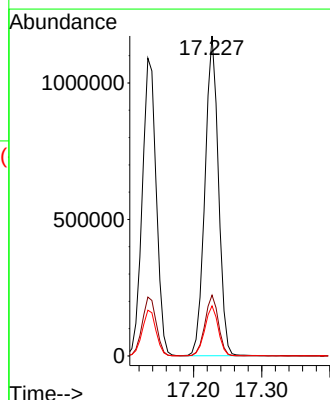
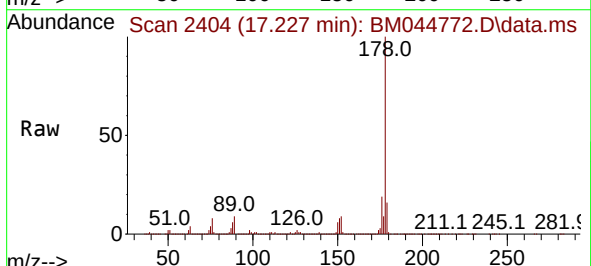
Tgt Ion:178 Resp: 1608669

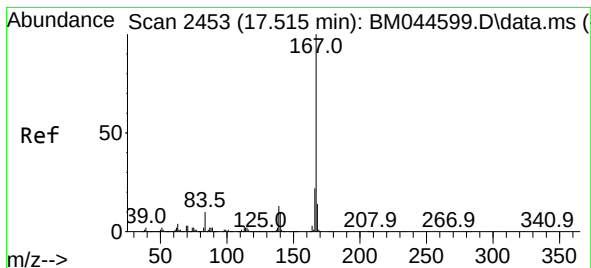
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.7 12.2 18.4





#73

Carbazole

Concen: 45.125 ng

RT: 17.503 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

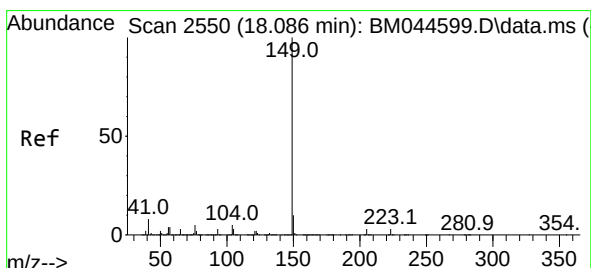
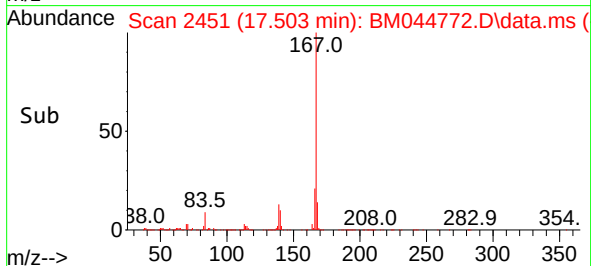
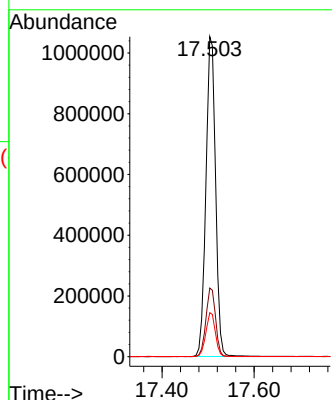
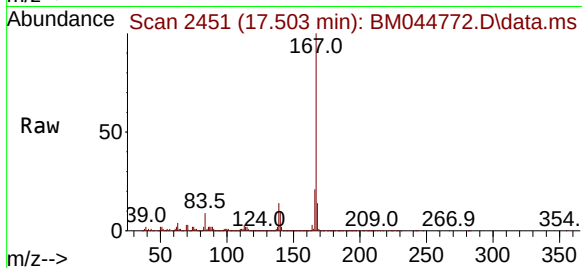
Tgt Ion:167 Resp: 1544538

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 43.608 ng

RT: 18.074 min Scan# 2548

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

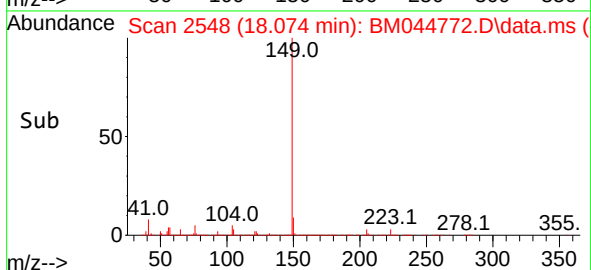
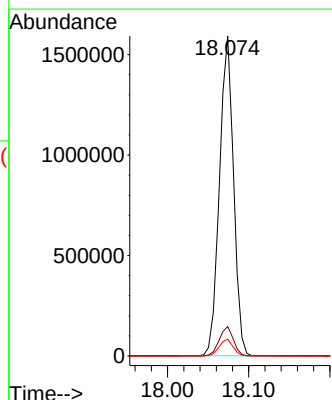
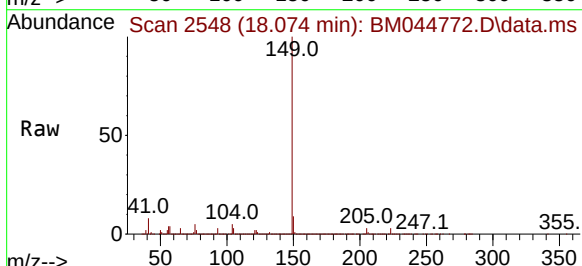
Tgt Ion:149 Resp: 1923294

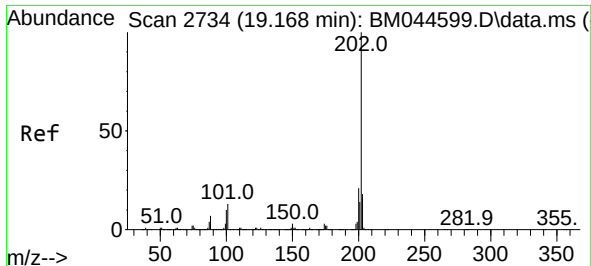
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 5.3 4.0 6.0

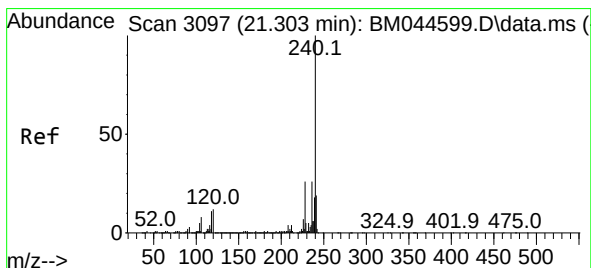
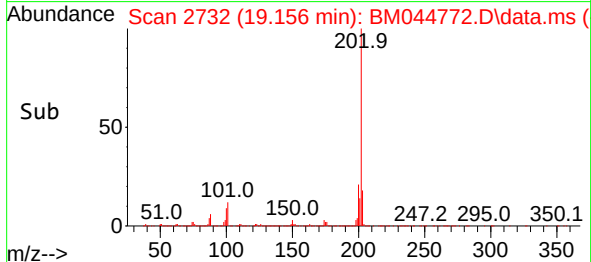
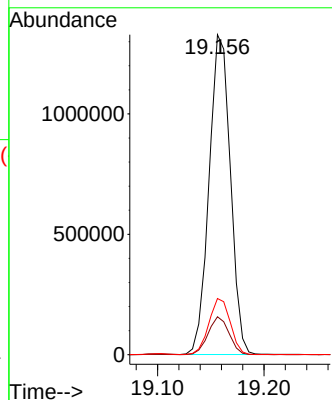
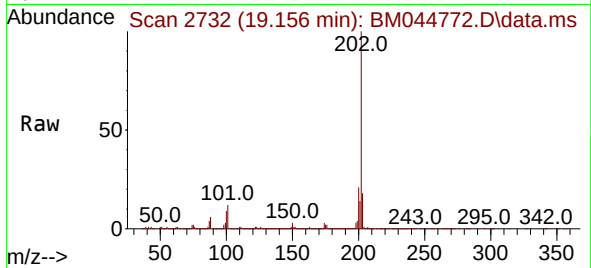




#75
Fluoranthene
Concen: 45.594 ng
RT: 19.156 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

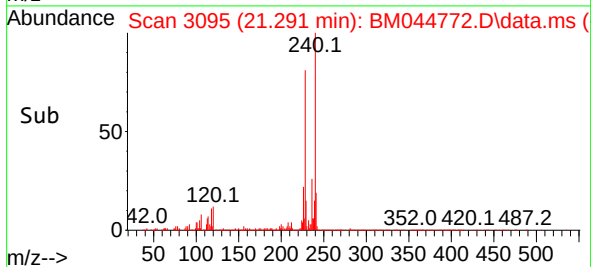
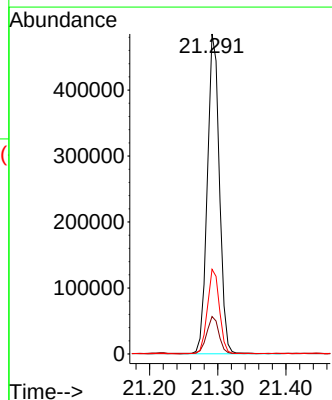
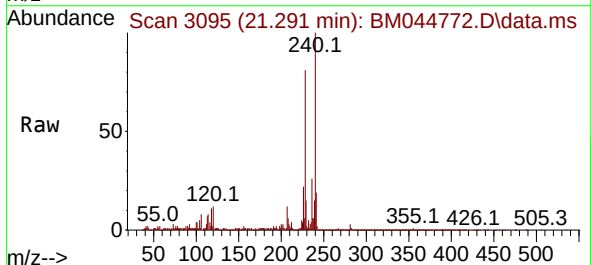
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

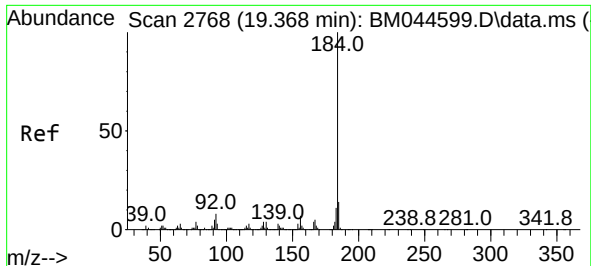
Tgt Ion:202 Resp: 1846833
Ion Ratio Lower Upper
202 100
101 11.8 0.0 33.3
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.291 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:240 Resp: 594767
Ion Ratio Lower Upper
240 100
120 11.7 9.7 14.5
236 26.4 21.0 31.4

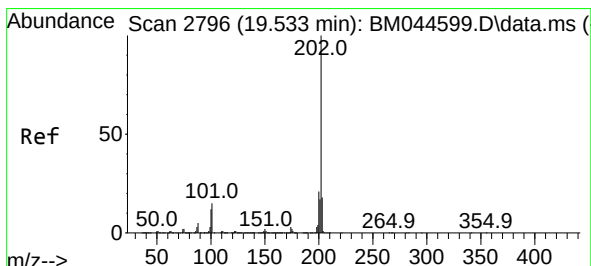
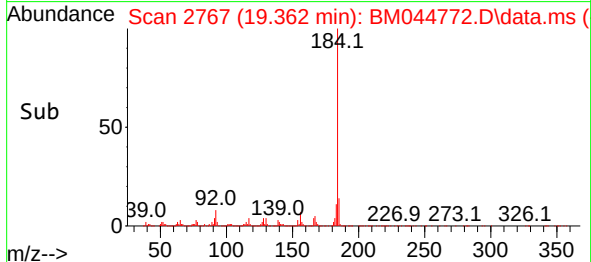
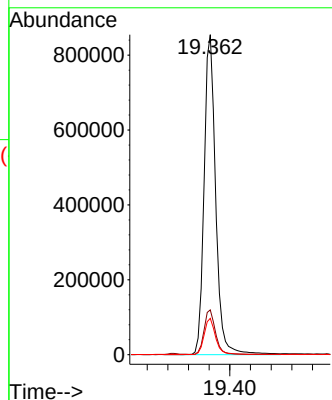
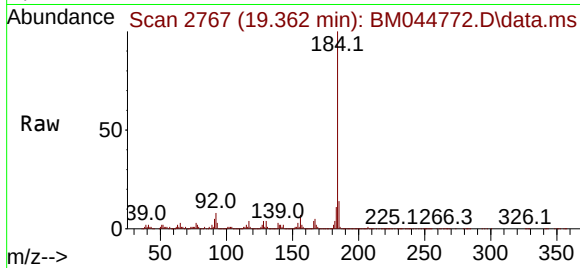




#77
Benzidine
Concen: 86.159 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

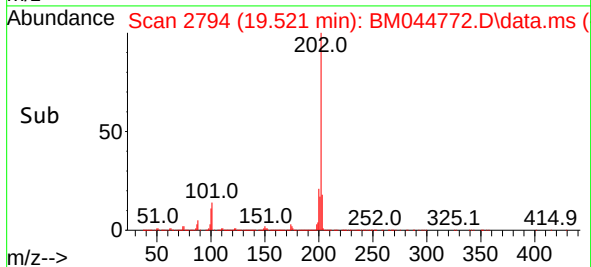
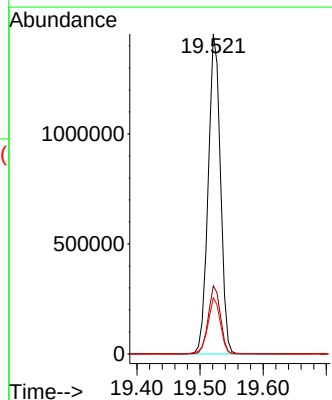
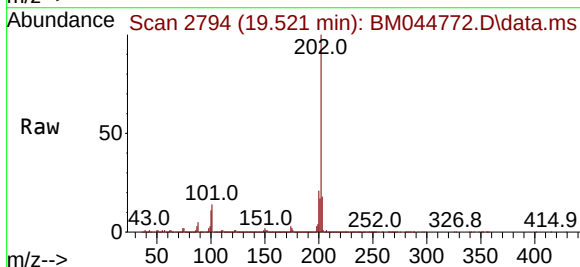
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

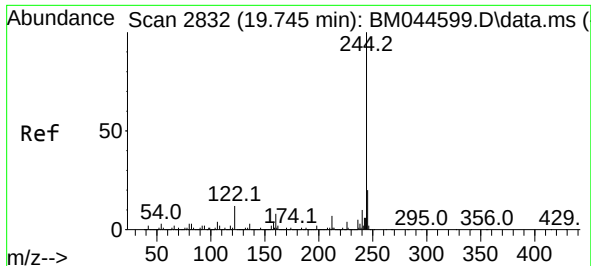
Tgt Ion:184 Resp: 1324420
Ion Ratio Lower Upper
184 100
185 14.0 11.0 16.6
183 11.3 8.7 13.1



#78
Pyrene
Concen: 44.814 ng
RT: 19.521 min Scan# 2794
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:202 Resp: 1953536
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.5 14.1 21.1

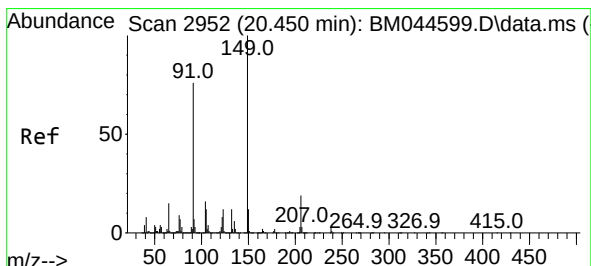
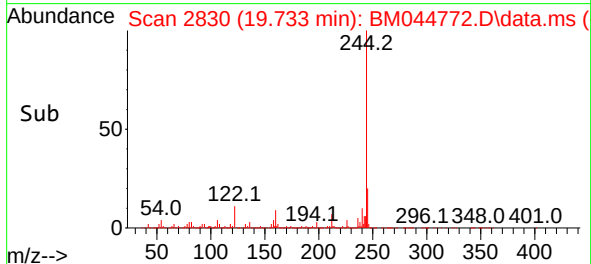
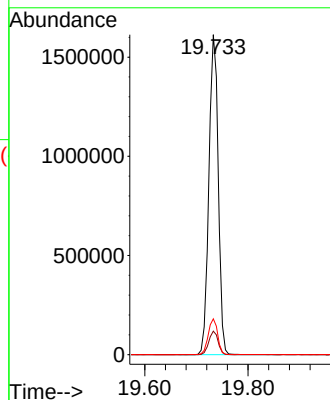
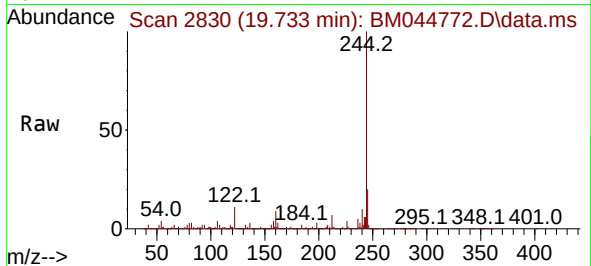




#79
 Terphenyl-d14
 Concen: 59.479 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM044772.D
 Acq: 26 Mar 2024 17:13

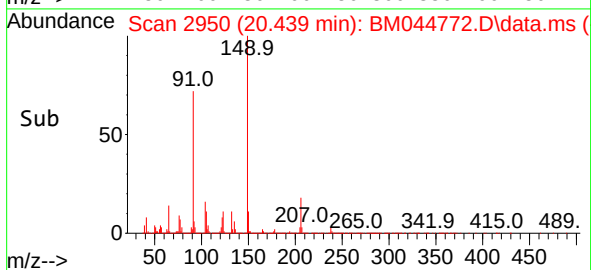
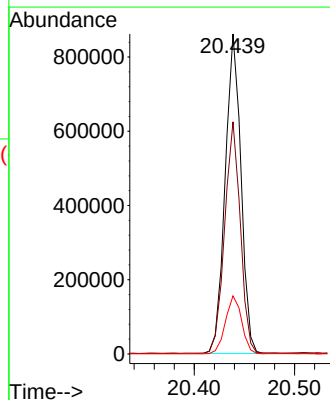
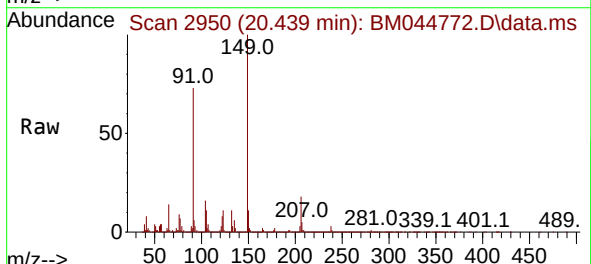
Instrument :
 BNA_M
 ClientSampleId :
 VNJ229-72-11976MS

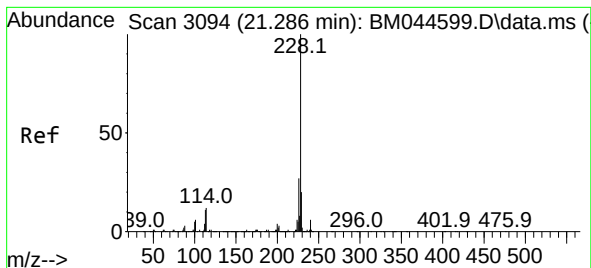
Tgt Ion:244 Resp: 2022258
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 11.2 9.7 14.5



#80
 Butylbenzylphthalate
 Concen: 47.891 ng
 RT: 20.439 min Scan# 2950
 Delta R.T. -0.012 min
 Lab File: BM044772.D
 Acq: 26 Mar 2024 17:13

Tgt Ion:149 Resp: 940857
 Ion Ratio Lower Upper
 149 100
 91 72.5 61.0 91.6
 206 18.2 15.0 22.6





#81

Benzo(a)anthracene

Concen: 45.612 ng

RT: 21.280 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

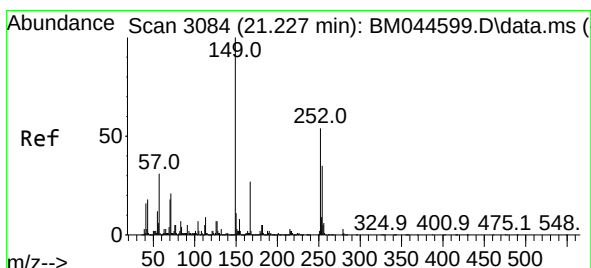
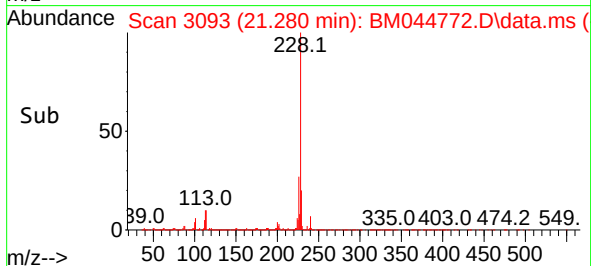
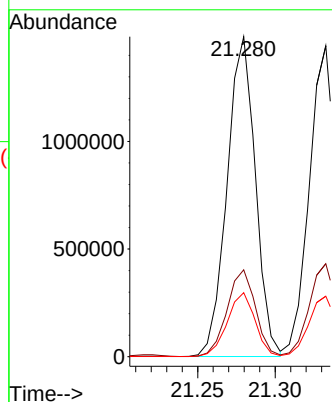
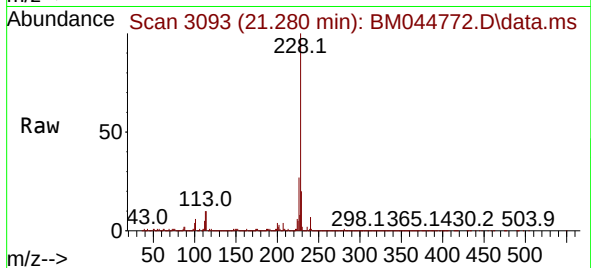
Tgt Ion:228 Resp: 1887587

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

229 20.0 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 46.903 ng

RT: 21.221 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

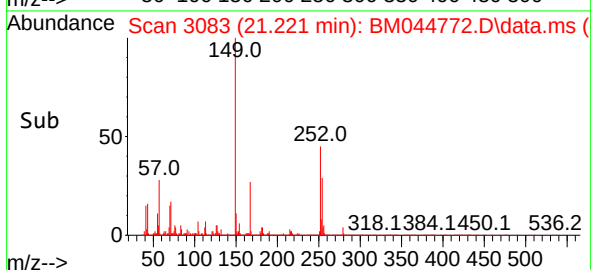
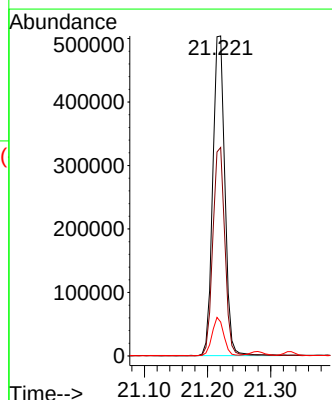
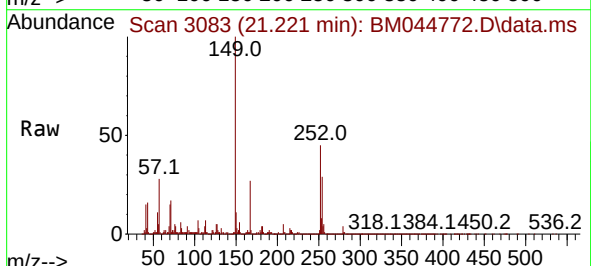
Tgt Ion:252 Resp: 668498

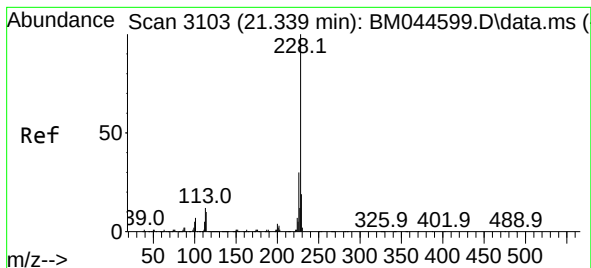
Ion Ratio Lower Upper

252 100

254 65.1 51.4 77.0

126 10.6 9.8 14.6





#83

Chrysene

Concen: 44.714 ng

RT: 21.333 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

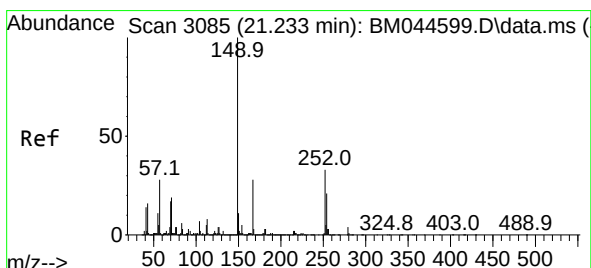
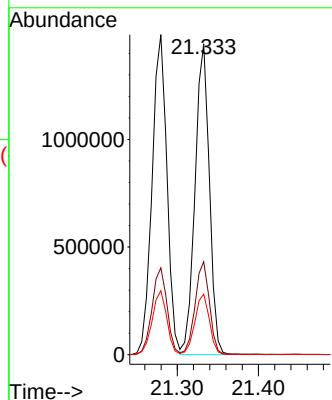
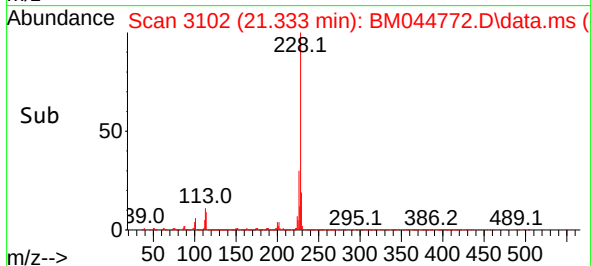
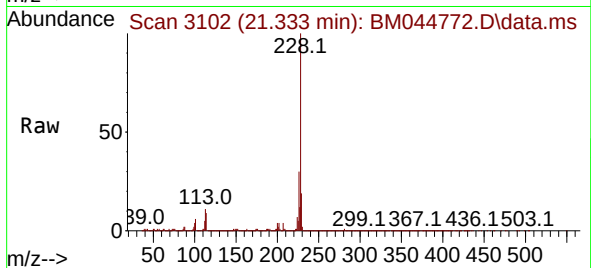
Tgt Ion:228 Resp: 1768223

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.291 ng

RT: 21.221 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

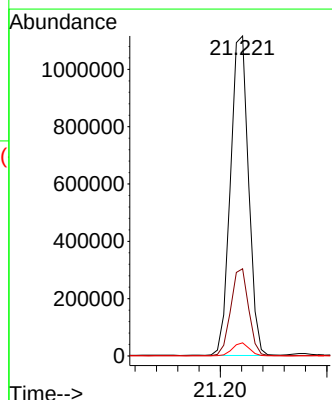
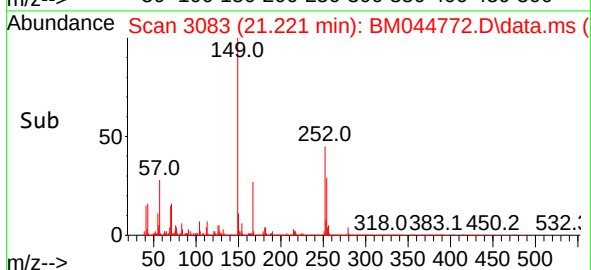
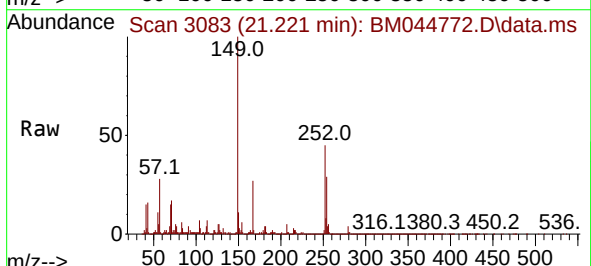
Tgt Ion:149 Resp: 1310912

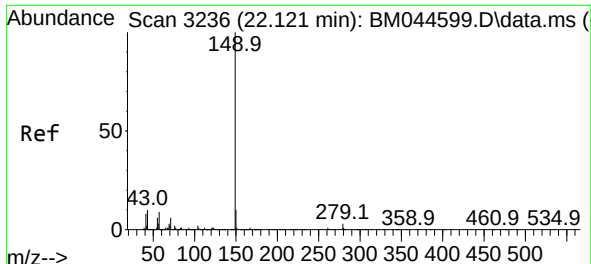
Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 4.1 3.0 4.4

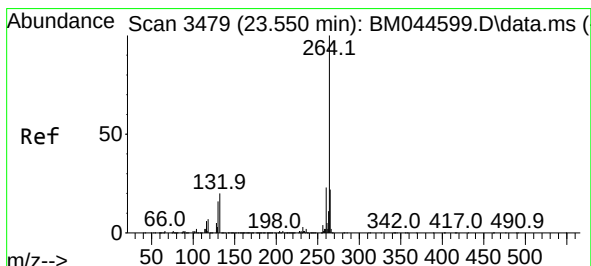
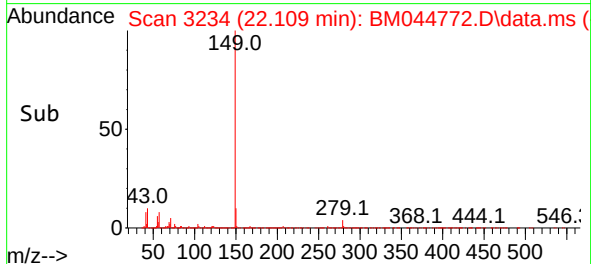
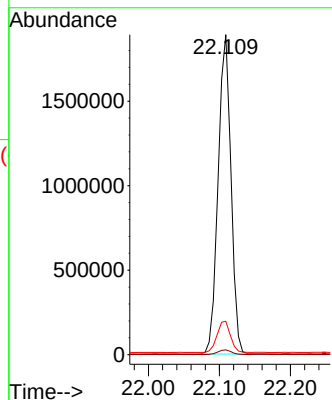
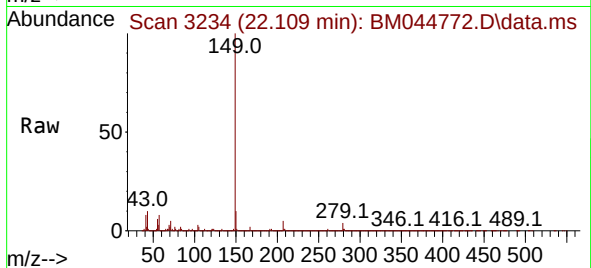




#85
Di-n-octyl phthalate
Concen: 46.017 ng
RT: 22.109 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

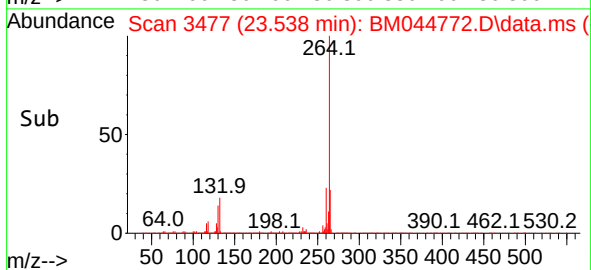
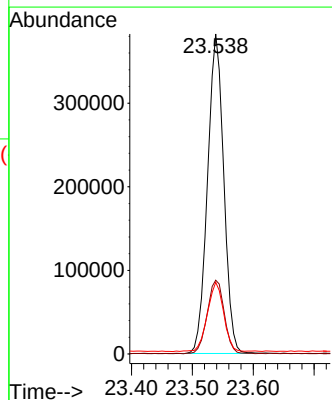
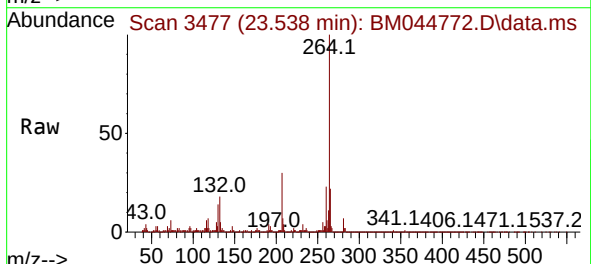
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

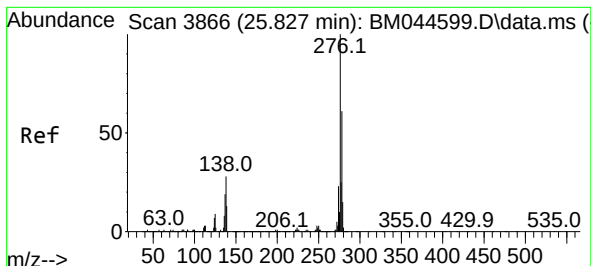
Tgt Ion:149 Resp: 2362466
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.2 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.538 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:264 Resp: 708604
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 22.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.552 ng

RT: 25.821 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

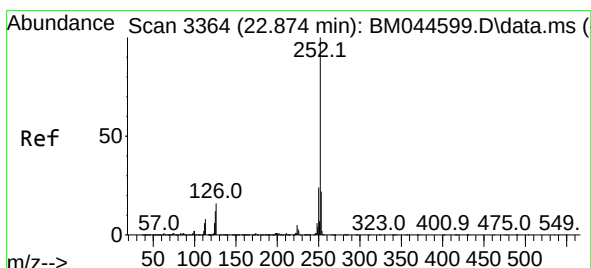
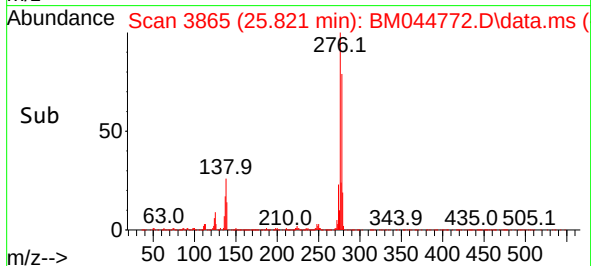
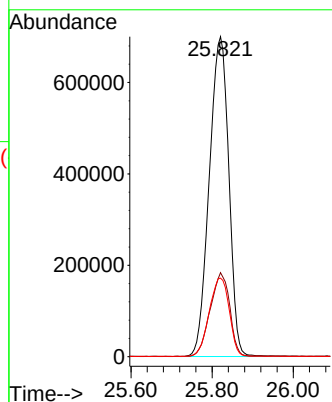
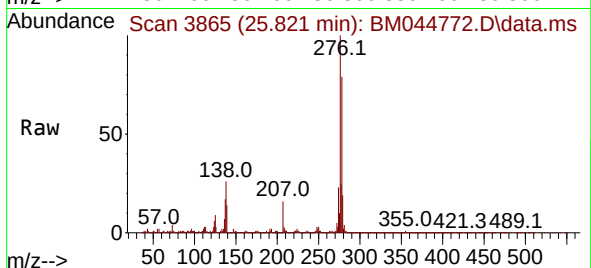
Tgt Ion:276 Resp: 2333432

Ion Ratio Lower Upper

276 100

138 26.1 23.6 35.4

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.219 ng

RT: 22.868 min Scan# 3363

Delta R.T. -0.006 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

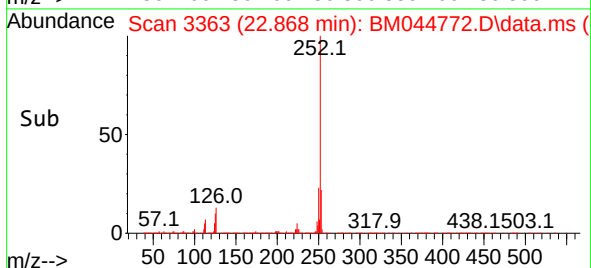
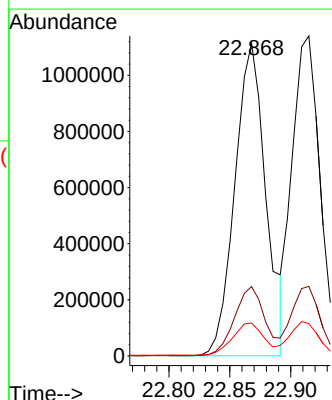
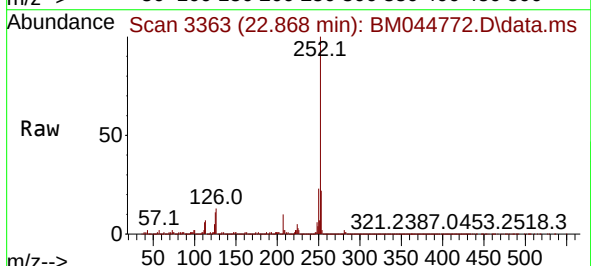
Tgt Ion:252 Resp: 1966342

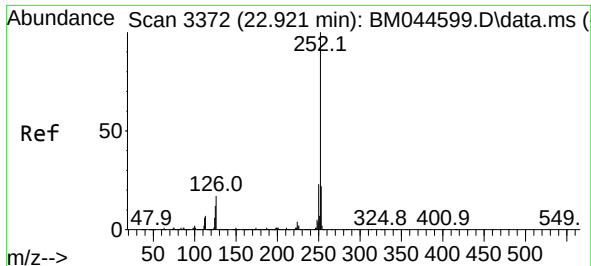
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.6 9.6 14.4

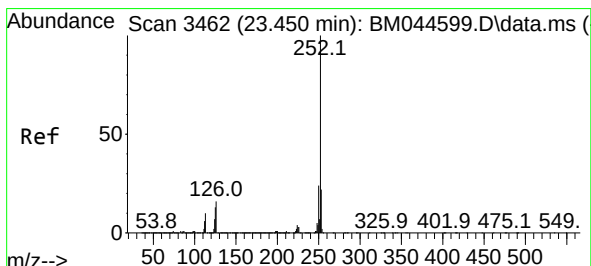
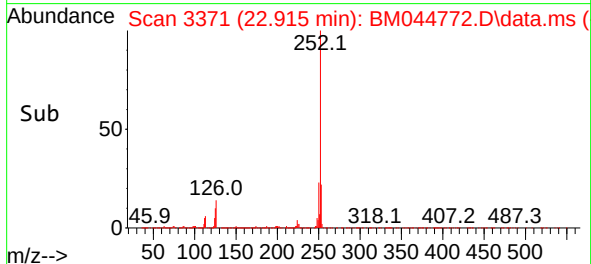
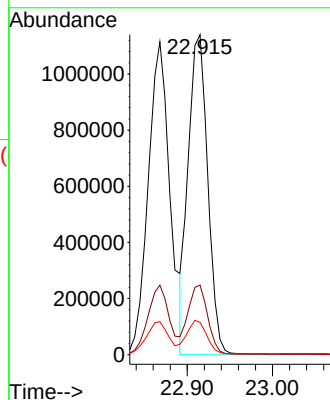
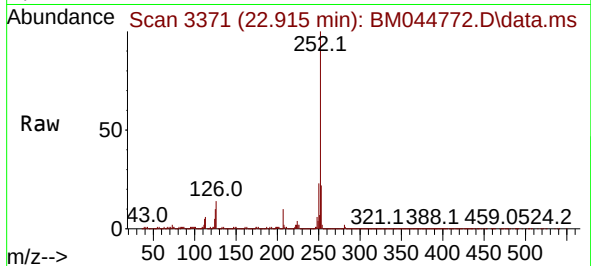




#89
Benzo(k)fluoranthene
Concen: 42.215 ng
RT: 22.915 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

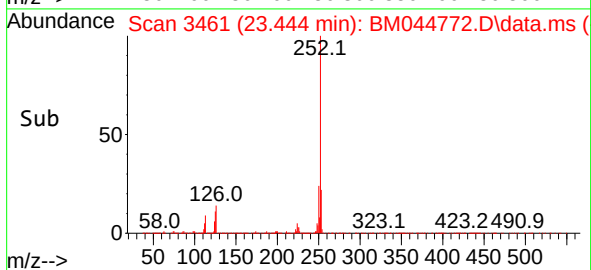
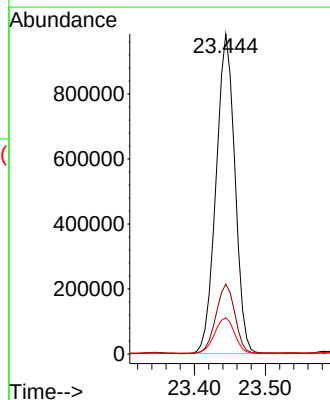
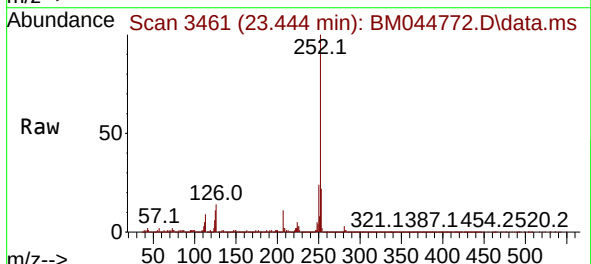
Instrument :
BNA_M
ClientSampleId :
VNJ229-72-11976MS

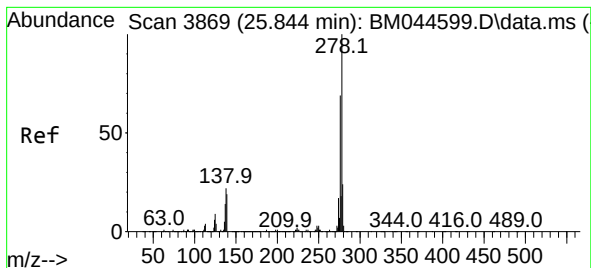
Tgt Ion:252 Resp: 1807232
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.1 9.4 14.0



#90
Benzo(a)pyrene
Concen: 44.604 ng
RT: 23.444 min Scan# 3461
Delta R.T. -0.006 min
Lab File: BM044772.D
Acq: 26 Mar 2024 17:13

Tgt Ion:252 Resp: 1811669
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.3 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 44.149 ng

RT: 25.832 min Scan# 3867

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Instrument :

BNA_M

ClientSampleId :

VNJ229-72-11976MS

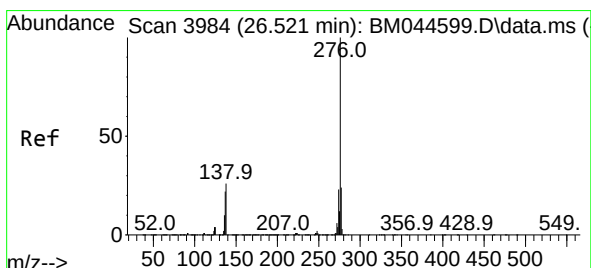
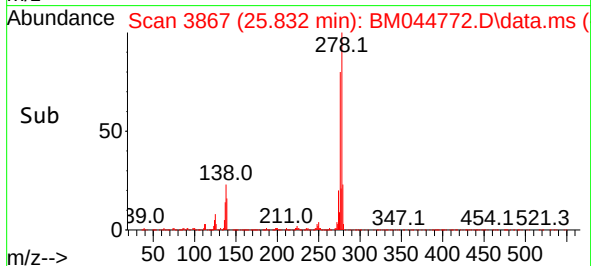
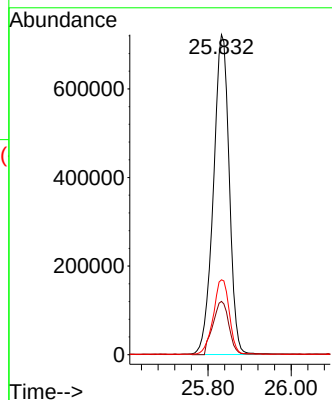
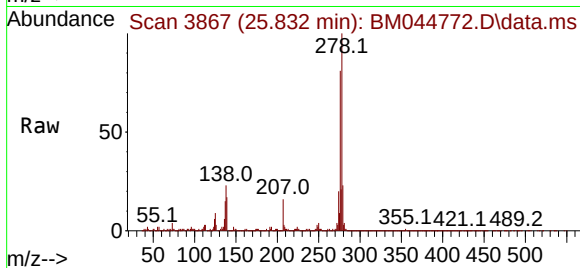
Tgt Ion:278 Resp: 1906607

Ion Ratio Lower Upper

278 100

139 16.6 15.0 22.6

279 23.4 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 42.990 ng

RT: 26.509 min Scan# 3982

Delta R.T. -0.012 min

Lab File: BM044772.D

Acq: 26 Mar 2024 17:13

Tgt Ion:276 Resp: 1827559

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 22.0 20.7 31.1

