

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
 Data File : BF134346.D
 Acq On : 18 Jul 2023 19:44
 Operator : CG\JU
 Sample : 03615-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

Quant Time: Jul 19 01:40:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	65304	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	255748	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	122679	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	210650	20.000	ng	0.00
76) Chrysene-d12	14.039	240	149260	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	145097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	340301	87.168	ng	0.01
7) Phenol-d6	6.487	99	415159	86.472	ng	0.00
23) Nitrobenzene-d5	7.404	82	292916	61.739	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	137975	89.702	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	566183	67.099	ng	-0.01
79) Terphenyl-d14	12.969	244	534024	57.582	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	63563	39.487	ng	99
3) Pyridine	3.463	79	150678	35.937	ng	96
4) n-Nitrosodimethylamine	3.428	42	101435	42.358	ng	93
6) Aniline	6.516	93	211551	36.210	ng	92
8) 2-Chlorophenol	6.628	128	185252	46.746	ng	99
9) Benzaldehyde	6.393	77	116076	45.690	ng	94
10) Phenol	6.498	94	221294	43.838	ng	87
11) bis(2-Chloroethyl)ether	6.575	93	170022	45.749	ng	98
12) 1,3-Dichlorobenzene	6.781	146	202526	47.935	ng	99
13) 1,4-Dichlorobenzene	6.857	146	208681	48.901	ng	98
14) 1,2-Dichlorobenzene	7.010	146	195817	48.995	ng	99
15) Benzyl Alcohol	6.987	79	171164	46.246	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	250099	38.039	ng	87
17) 2-Methylphenol	7.098	107	148728	41.910	ng	94
18) Hexachloroethane	7.345	117	77846	49.197	ng	100
19) n-Nitroso-di-n-propyla...	7.251	70	136114	44.705	ng	98
20) 3+4-Methylphenols	7.251	107	188729	43.837	ng	96
22) Acetophenone	7.251	105	269290	46.299	ng	# 95
24) Nitrobenzene	7.422	77	206629	43.099	ng	93
25) Isophorone	7.663	82	354707	41.137	ng	98
26) 2-Nitrophenol	7.740	139	101133	43.972	ng	97
27) 2,4-Dimethylphenol	7.781	122	160841	44.180	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	205933	41.246	ng	100
29) 2,4-Dichlorophenol	7.981	162	151181	41.878	ng	95
30) 1,2,4-Trichlorobenzene	8.057	180	168809	45.318	ng	98
31) Naphthalene	8.139	128	525704	42.555	ng	100
32) Benzoic acid	7.916	122	106760	39.135	ng	96
33) 4-Chloroaniline	8.198	127	131379	24.862	ng	99
34) Hexachlorobutadiene	8.251	225	114989	48.937	ng	100
35) Caprolactam	8.569	113	38300	32.221	ng	93
36) 4-Chloro-3-methylphenol	8.681	107	175469	43.266	ng	92
37) 2-Methylnaphthalene	8.834	142	353061	40.415	ng	99
38) 1-Methylnaphthalene	8.934	142	325251	40.050	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	168611	46.391	ng	99
41) Hexachlorocyclopentadiene	8.981	237	61362	35.587	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	109019	44.062	ng	97

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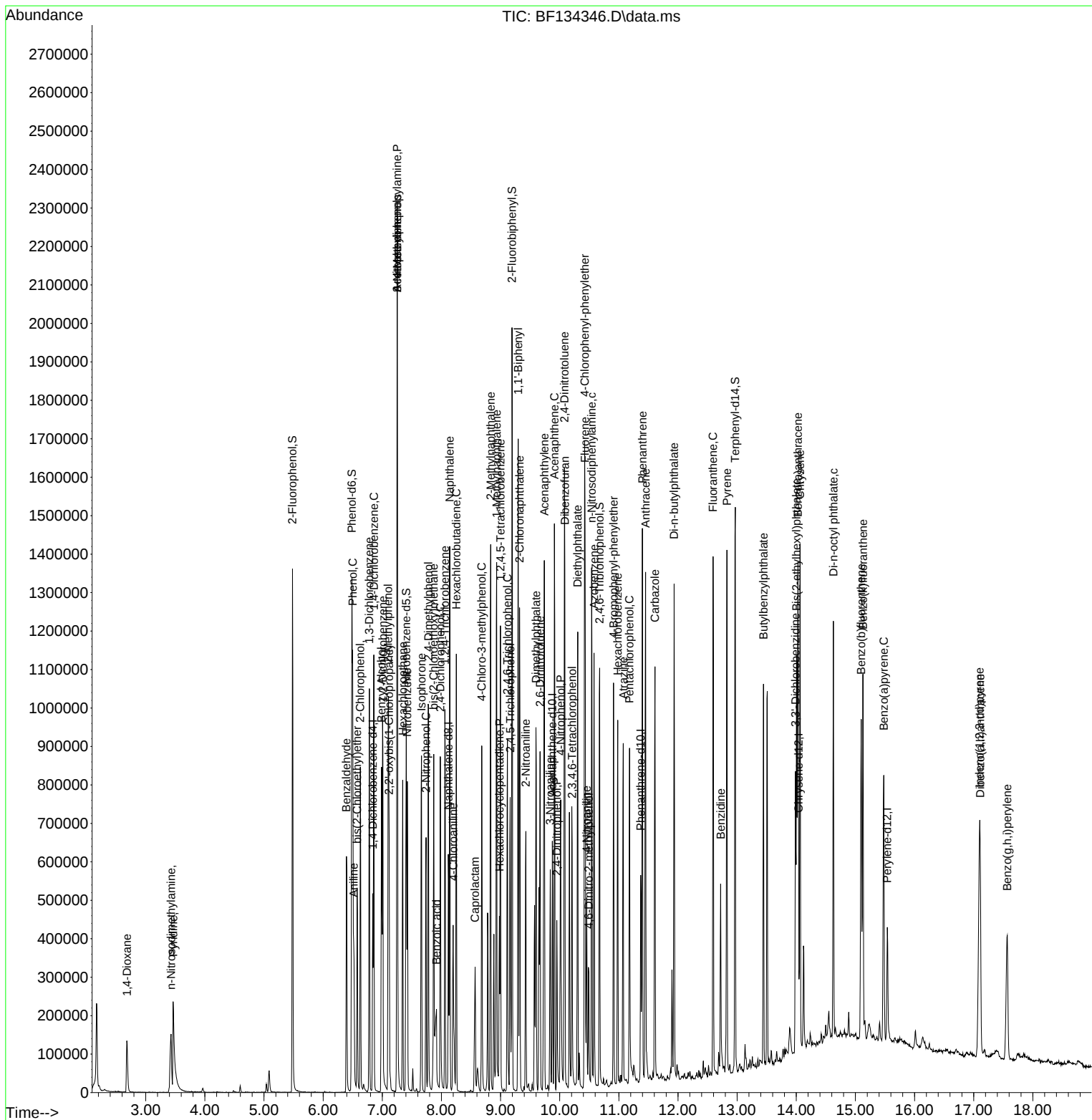
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	115427	39.661	ng	96
46) 1,1'-Biphenyl	9.298	154	438115	44.520	ng	98
47) 2-Chloronaphthalene	9.322	162	325281	45.177	ng	98
48) 2-Nitroaniline	9.428	65	109560	41.751	ng	92
49) Acenaphthylene	9.739	152	516223	41.970	ng	99
50) Dimethylphthalate	9.598	163	391948	44.013	ng	100
51) 2,6-Dinitrotoluene	9.669	165	82311	42.914	ng	95
52) Acenaphthene	9.910	154	305166	42.758	ng	98
53) 3-Nitroaniline	9.839	138	76187	33.110	ng	95
54) 2,4-Dinitrophenol	9.951	184	54203	50.434	ng	88
55) Dibenzofuran	10.086	168	465888	41.769	ng	100
56) 4-Nitrophenol	10.016	139	110058	68.378	ng	90
57) 2,4-Dinitrotoluene	10.081	165	107113	42.286	ng #	90
58) Fluorene	10.428	166	368296	42.442	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	93511	40.733	ng	98
60) Diethylphthalate	10.304	149	406415	43.804	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	180149	43.078	ng	98
62) 4-Nitroaniline	10.457	138	77699	33.506	ng	92
63) Azobenzene	10.581	77	353215	40.247	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	38193	33.256	ng	98
66) n-Nitrosodiphenylamine	10.539	169	318323	47.297	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	107185	47.873	ng #	89
68) Hexachlorobenzene	10.980	284	121712	51.199	ng	94
69) Atrazine	11.075	200	100905	54.202	ng	98
70) Pentachlorophenol	11.180	266	103912	73.106	ng	99
71) Phenanthrene	11.398	178	479890	45.254	ng	99
72) Anthracene	11.451	178	474580	43.027	ng	99
73) Carbazole	11.610	167	415810	41.187	ng	100
74) Di-n-butylphthalate	11.933	149	580556	48.357	ng	100
75) Fluoranthene	12.592	202	544310	47.478	ng	98
77) Benzidine	12.722	184	204374	57.545	ng	98
78) Pyrene	12.827	202	536944	38.655	ng	99
80) Butylbenzylphthalate	13.445	149	210511	40.408	ng	98
81) Benzo(a)anthracene	14.027	228	476610	46.043	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	152518	46.506	ng #	98
83) Chrysene	14.063	228	439669	43.853	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	288127	48.132	ng	100
85) Di-n-octyl phthalate	14.627	149	483065	54.919	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	387624	38.499	ng #	94
88) Benzo(b)fluoranthene	15.098	252	439913	51.561	ng	99
89) Benzo(k)fluoranthene	15.127	252	417421	48.053	ng	97
90) Benzo(a)pyrene	15.480	252	357748	43.362	ng #	97
91) Dibenzo(a,h)anthracene	17.110	278	310856	37.800	ng #	96
92) Benzo(g,h,i)perylene	17.568	276	298418	35.188	ng #	94

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

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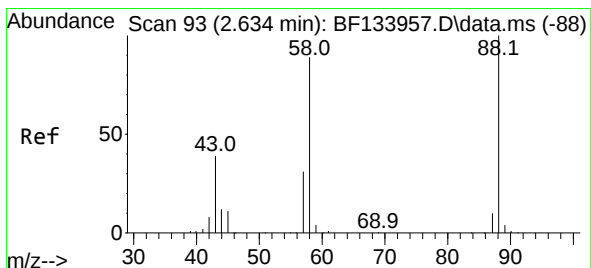
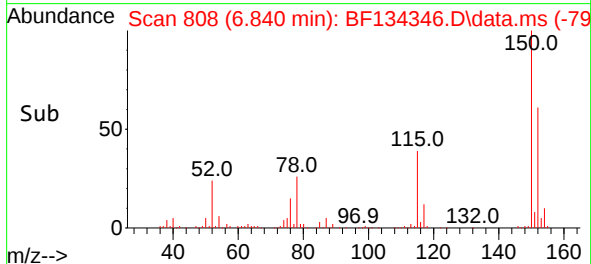
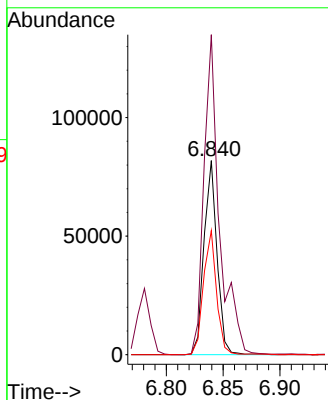
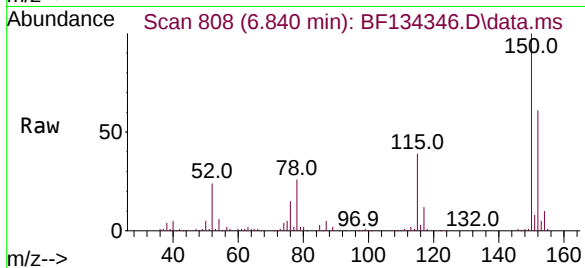




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 810
 Delta R.T. -0.005 min
 Lab File: BF134346.D
 Acq: 18 Jul 2023 19:44

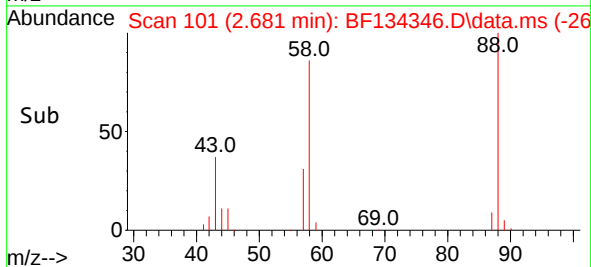
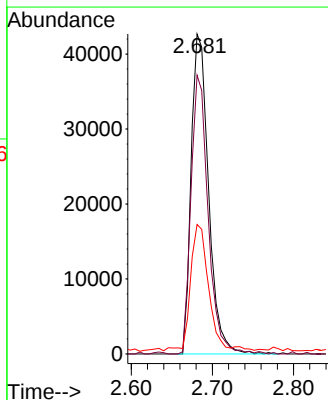
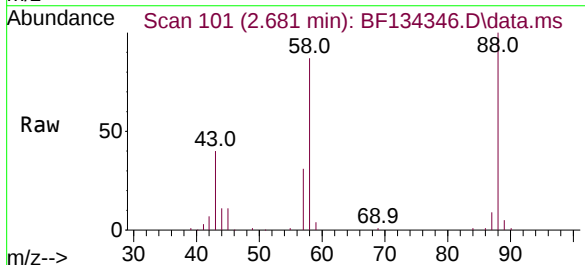
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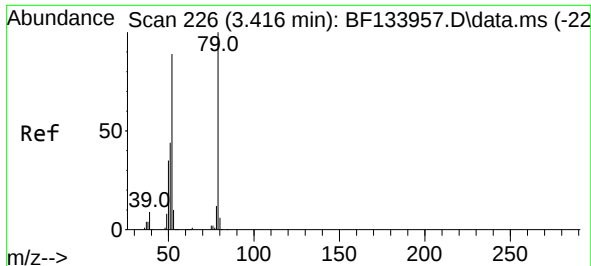
Tgt Ion:152 Resp: 65304
 Ion Ratio Lower Upper
 152 100
 150 164.9 124.5 186.7
 115 63.9 50.2 75.2



#2
 1,4-Dioxane
 Concen: 39.487 ng
 RT: 2.681 min Scan# 101
 Delta R.T. 0.088 min
 Lab File: BF134346.D
 Acq: 18 Jul 2023 19:44

Tgt Ion: 88 Resp: 63563
 Ion Ratio Lower Upper
 88 100
 58 86.3 68.8 103.2
 43 40.2 30.7 46.1





#3

Pyridine

Concen: 35.937 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

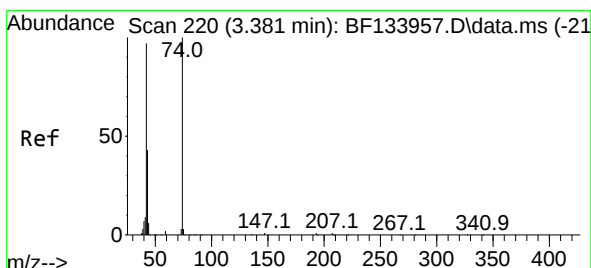
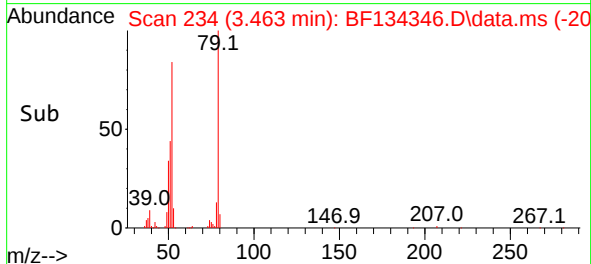
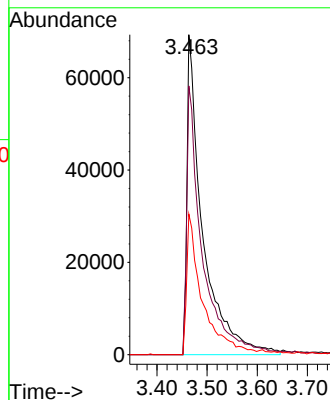
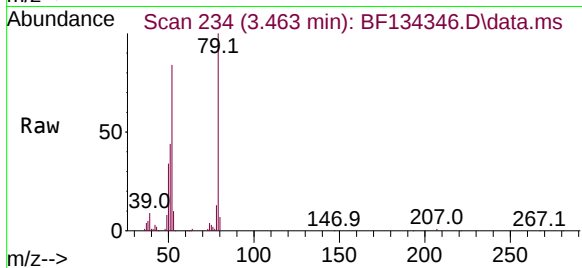
Tgt Ion: 79 Resp: 150678

Ion Ratio Lower Upper

79 100

52 84.0 71.1 106.7

51 43.9 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 42.358 ng

RT: 3.428 min Scan# 228

Delta R.T. 0.088 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

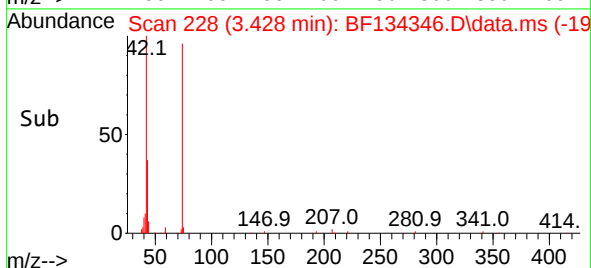
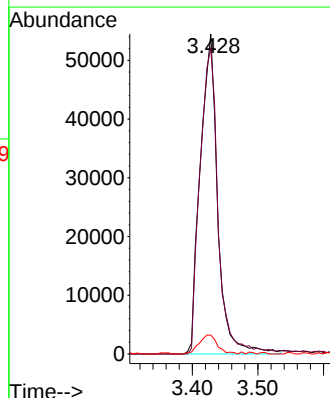
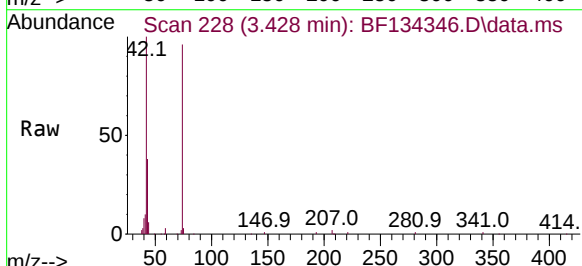
Tgt Ion: 42 Resp: 101435

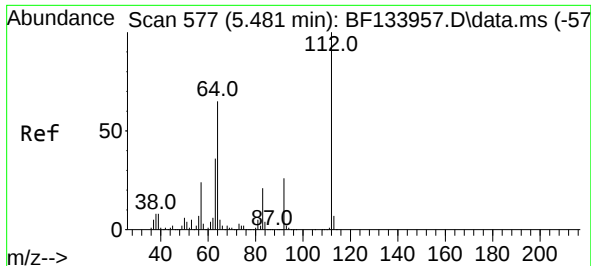
Ion Ratio Lower Upper

42 100

74 95.6 82.4 123.6

44 5.9 4.9 7.3

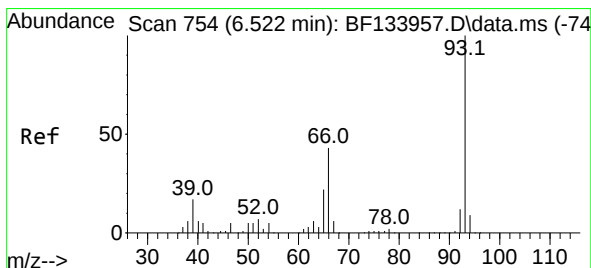
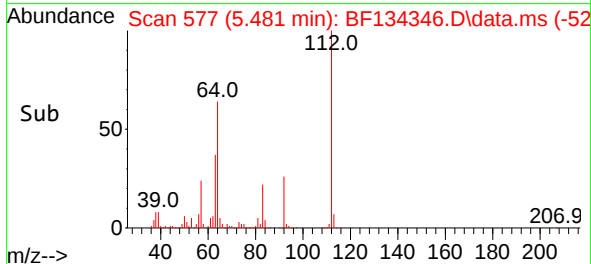
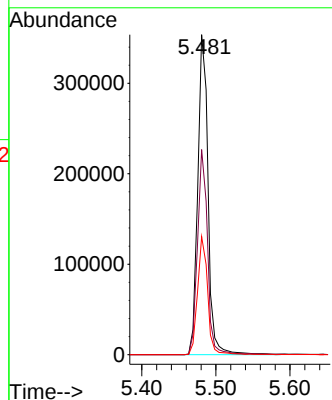
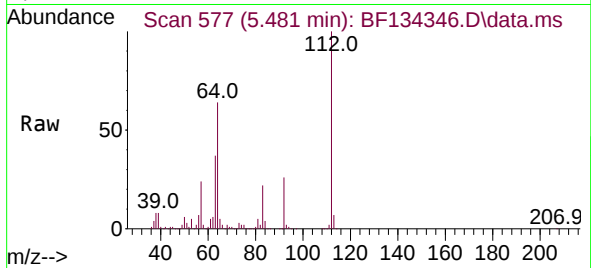




#5
2-Fluorophenol
Concen: 87.168 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

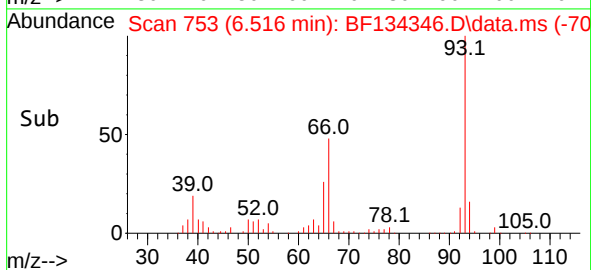
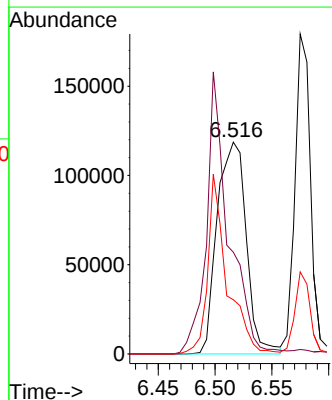
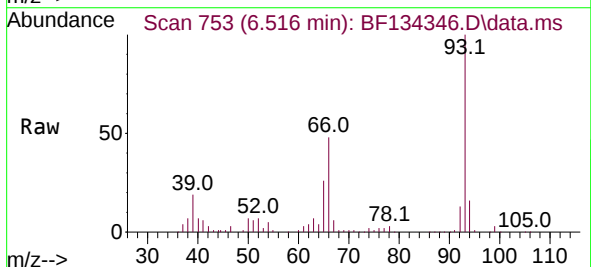
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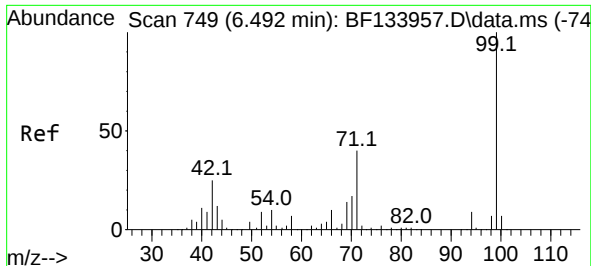
Tgt Ion:112 Resp: 340301
Ion Ratio Lower Upper
112 100
64 64.1 52.1 78.1
63 36.9 28.6 42.8



#6
Aniline
Concen: 36.210 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion: 93 Resp: 211551
Ion Ratio Lower Upper
93 100
66 48.0 34.5 51.7
65 25.6 17.8 26.6





#7

Phenol-d6

Concen: 86.472 ng

RT: 6.487 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

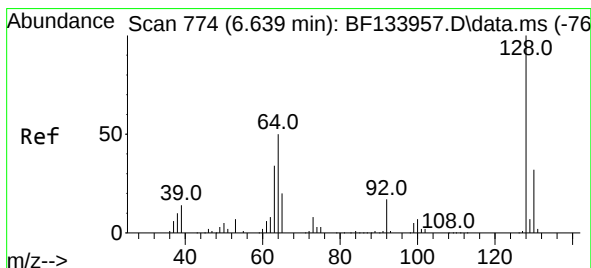
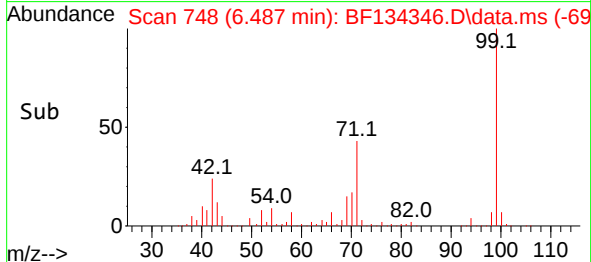
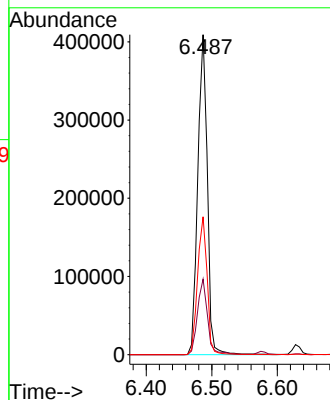
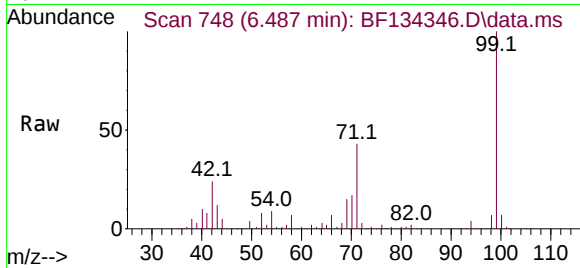
Tgt Ion: 99 Resp: 415159

Ion Ratio Lower Upper

99 100

42 23.6 19.8 29.6

71 43.1 31.9 47.9



#8

2-Chlorophenol

Concen: 46.746 ng

RT: 6.628 min Scan# 772

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

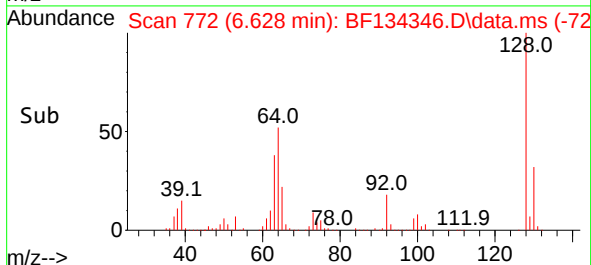
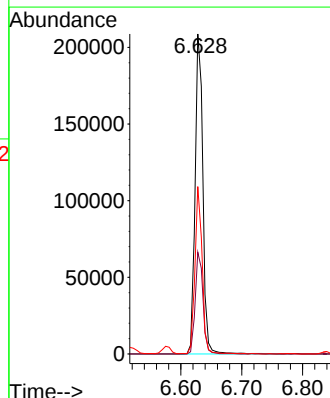
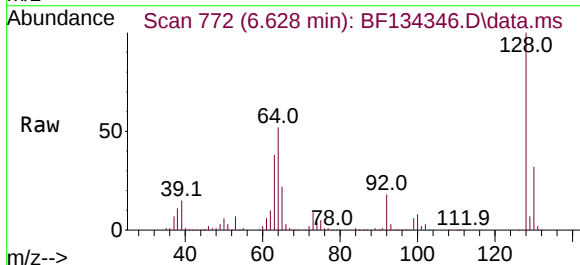
Tgt Ion:128 Resp: 185252

Ion Ratio Lower Upper

128 100

130 31.8 11.7 51.7

64 52.3 31.3 71.3

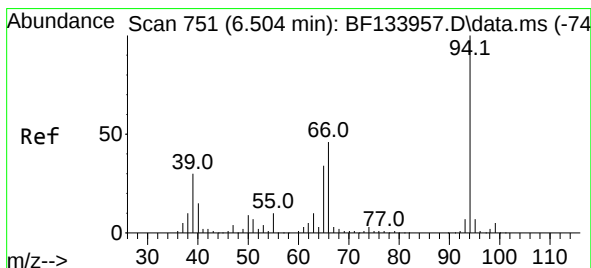
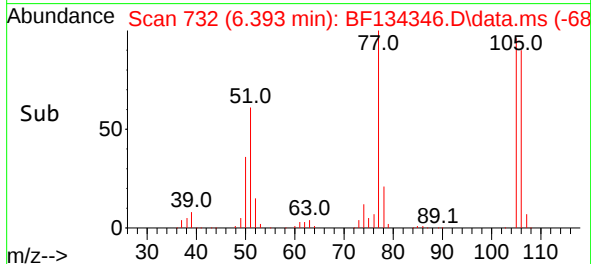
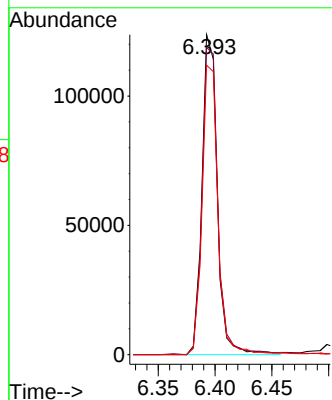
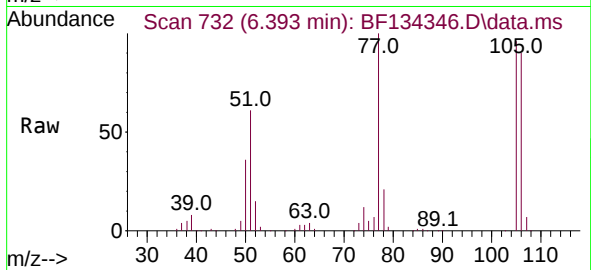




#9
Benzaldehyde
Concen: 45.690 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

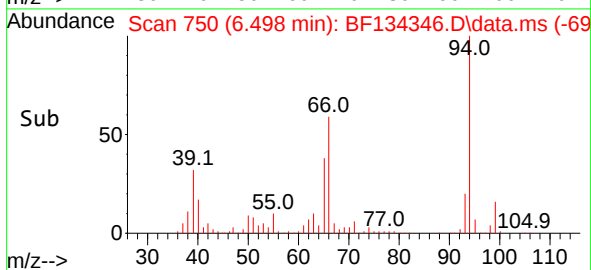
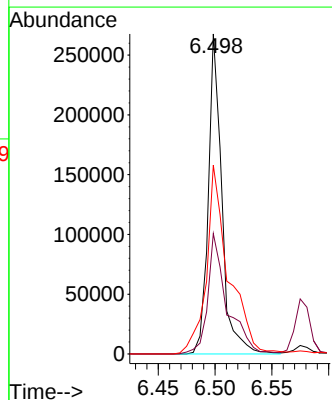
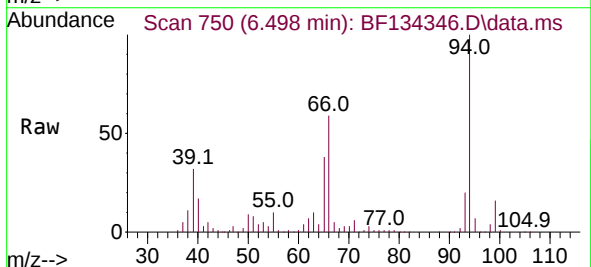
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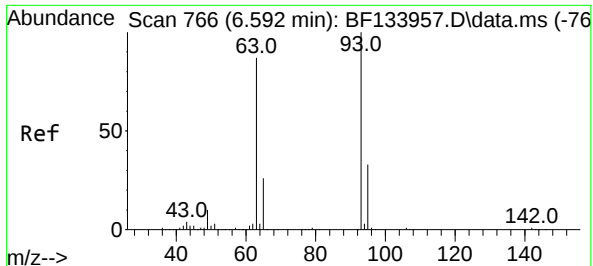
Tgt Ion: 77 Resp: 116076
Ion Ratio Lower Upper
77 100
105 96.0 82.0 122.0
106 90.5 76.9 116.9



#10
Phenol
Concen: 43.838 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion: 94 Resp: 221294
Ion Ratio Lower Upper
94 100
65 37.6 14.2 54.2
66 59.0 26.4 66.4

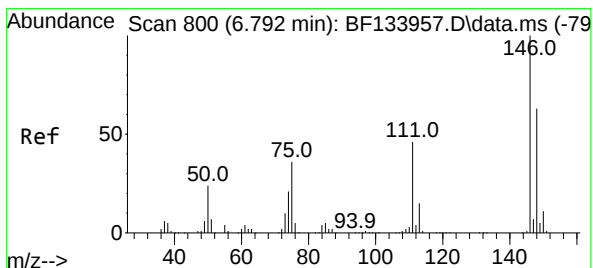
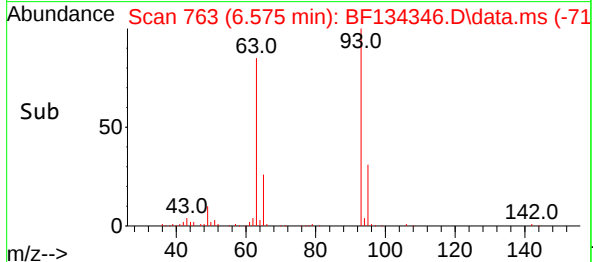
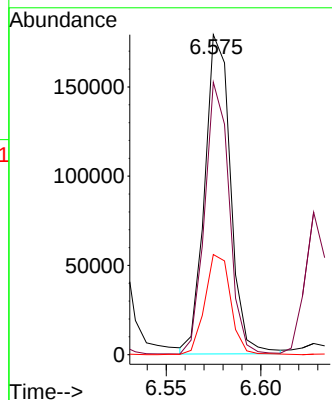
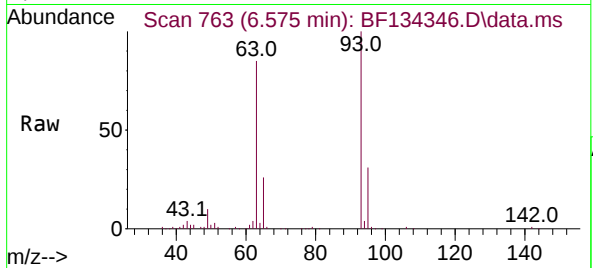




#11
bis(2-Chloroethyl)ether
Concen: 45.749 ng
RT: 6.575 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

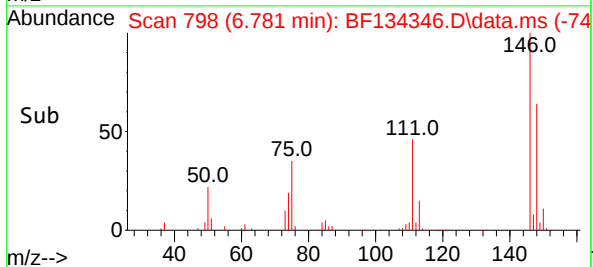
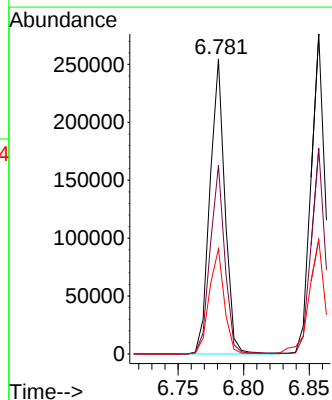
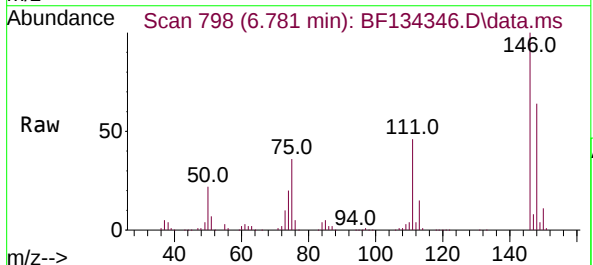
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

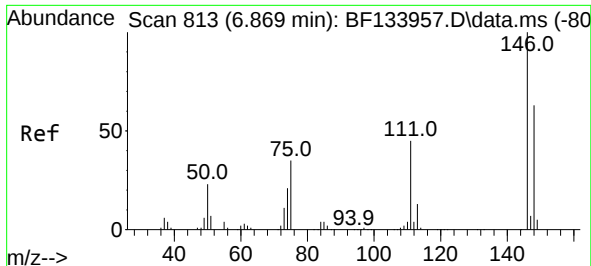
Tgt Ion: 93 Resp: 170022
Ion Ratio Lower Upper
93 100
63 85.1 66.5 106.5
95 31.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 47.935 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion: 146 Resp: 202526
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 35.6 29.0 43.6

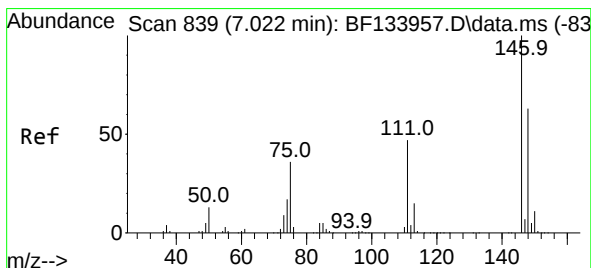
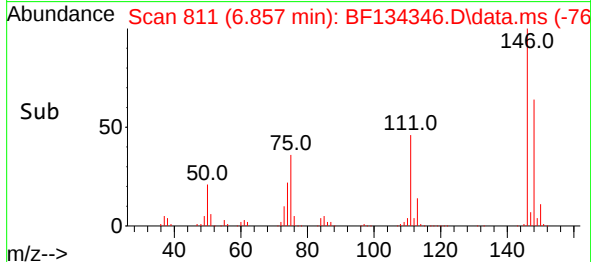
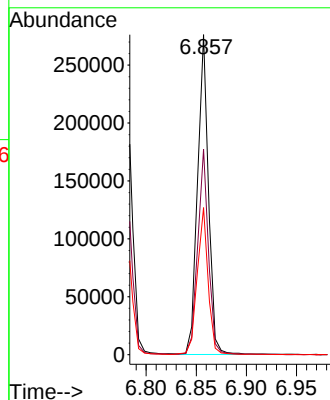
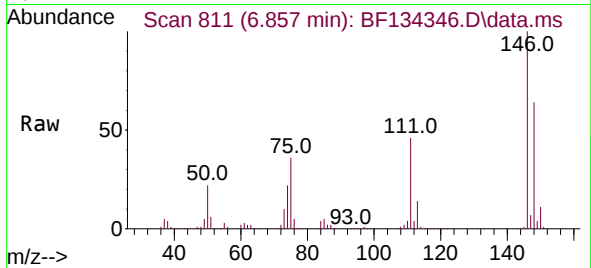




#13
1,4-Dichlorobenzene
Concen: 48.901 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

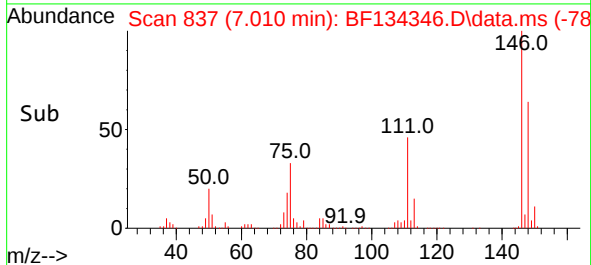
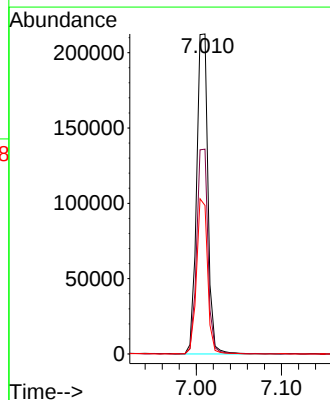
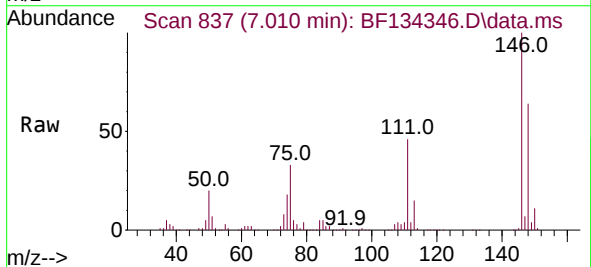
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

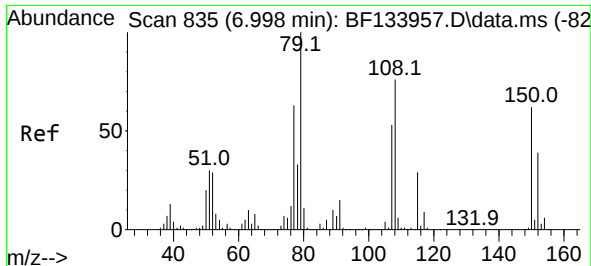
Tgt Ion:146 Resp: 208681
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.2
111 45.9 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 48.995 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:146 Resp: 195817
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 46.4 38.0 57.0

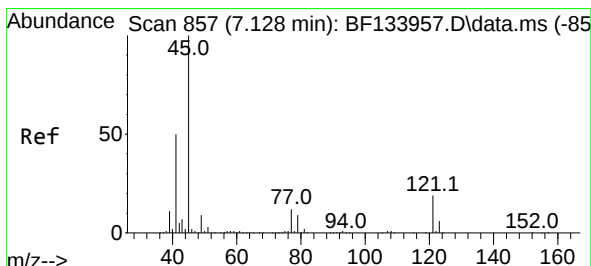
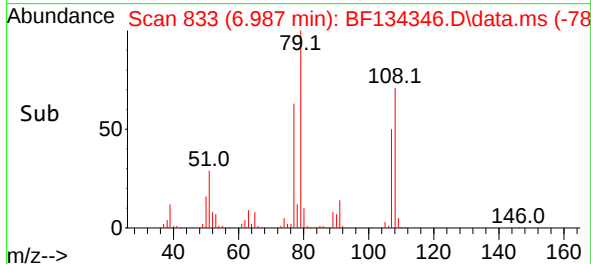
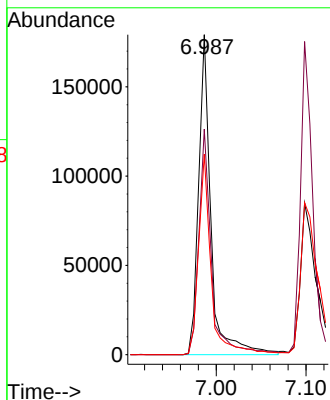
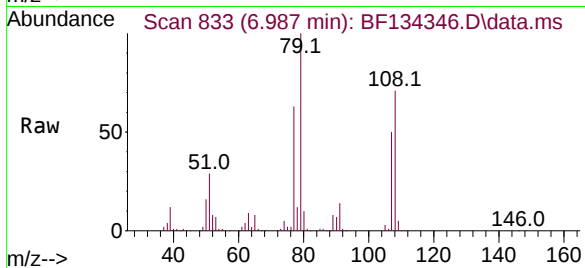




#15
Benzyl Alcohol
Concen: 46.246 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

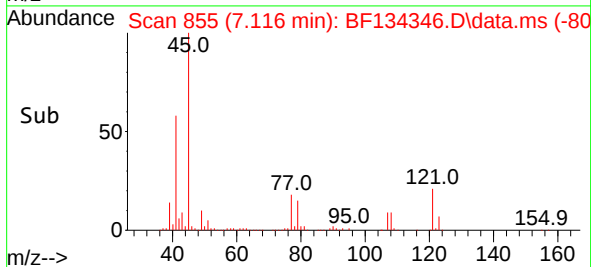
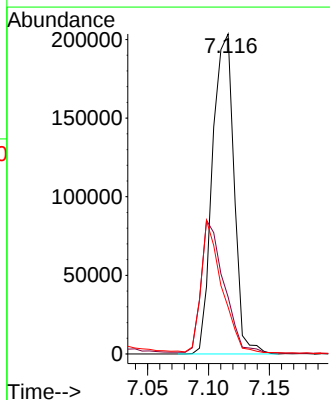
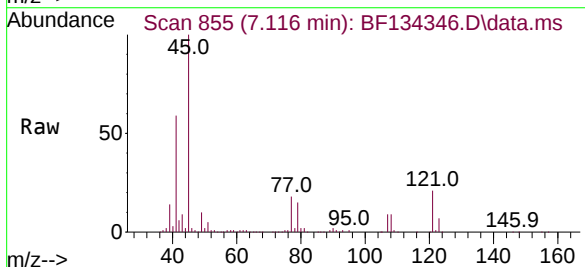
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

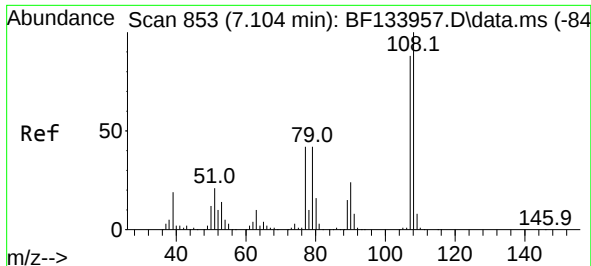
Tgt Ion: 79 Resp: 171164
Ion Ratio Lower Upper
79 100
108 70.5 60.7 91.1
77 62.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.039 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion: 45 Resp: 250099
Ion Ratio Lower Upper
45 100
77 17.8 0.0 32.9
79 14.6 0.0 29.5

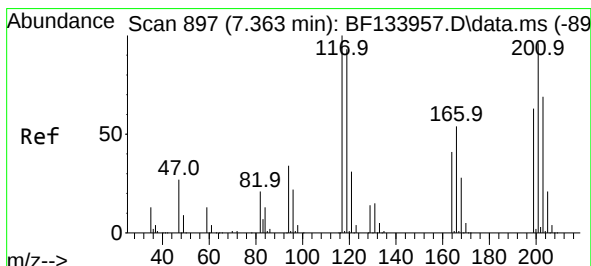
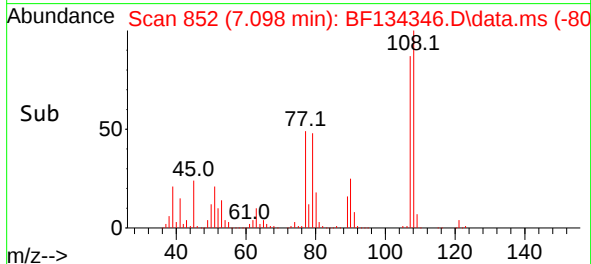
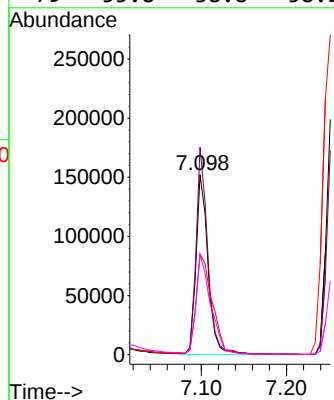
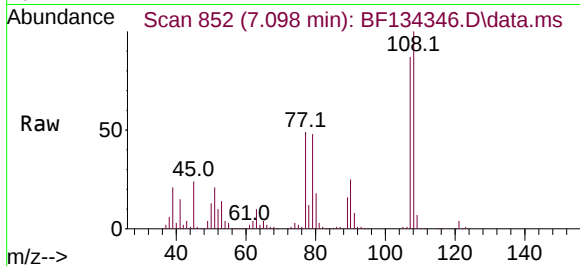




#17
2-Methylphenol
Concen: 41.910 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

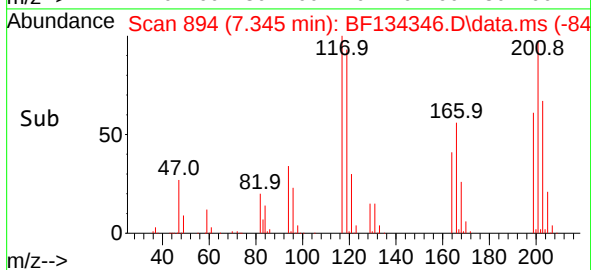
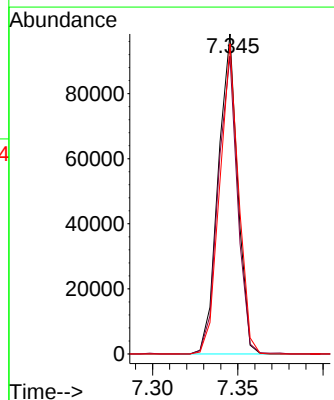
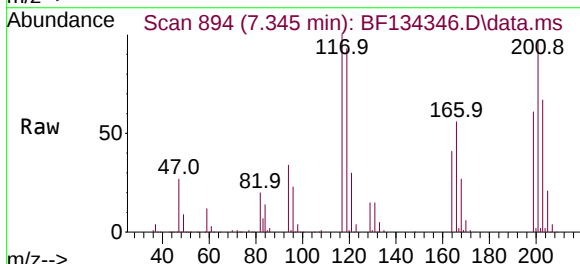
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

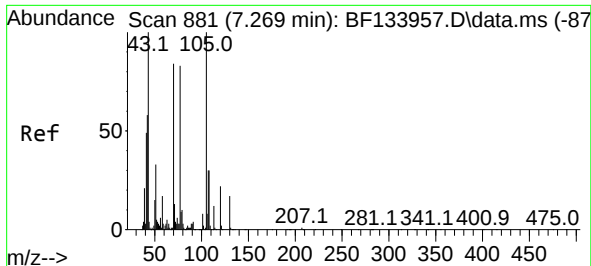
Tgt Ion:	107	Resp:	148728
Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.6	136.0
77	55.9	38.3	57.5
79	55.8	38.8	58.2



#18
Hexachloroethane
Concen: 49.197 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:	117	Resp:	77846
Ion	Ratio	Lower	Upper
117	100		
119	93.0	74.2	111.4
201	97.0	77.2	115.8

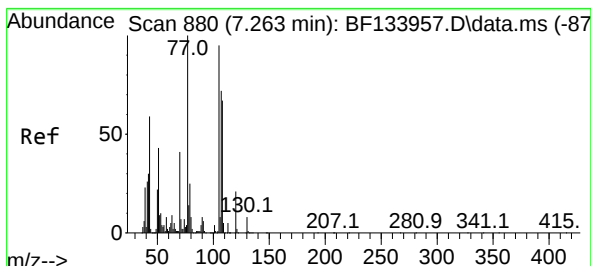
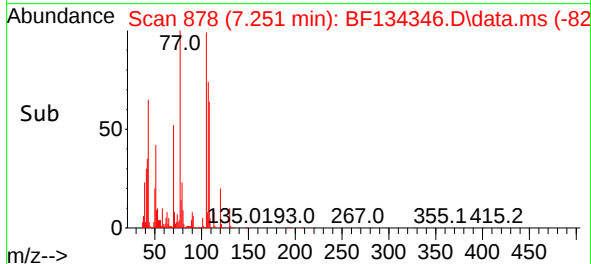
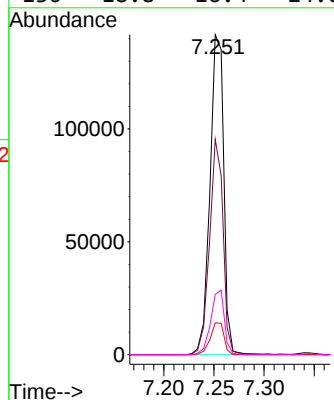
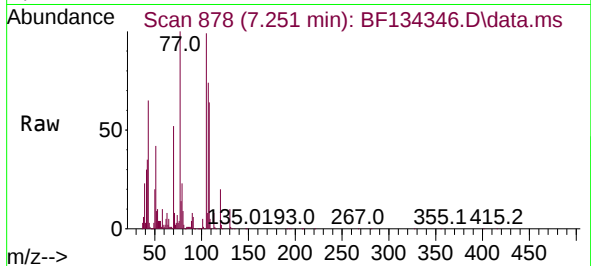




#19
n-Nitroso-di-n-propylamine
Concen: 44.705 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

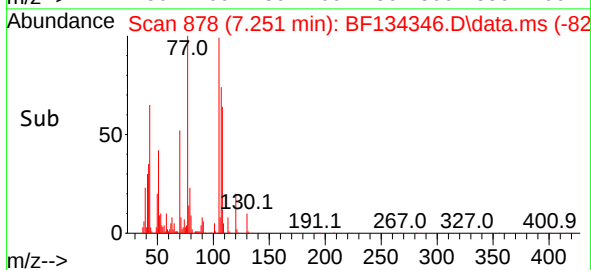
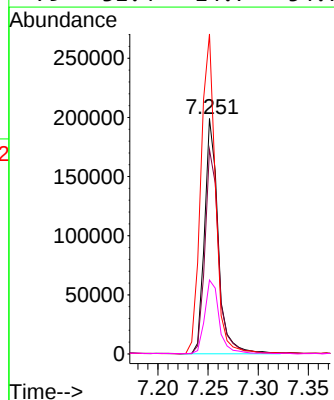
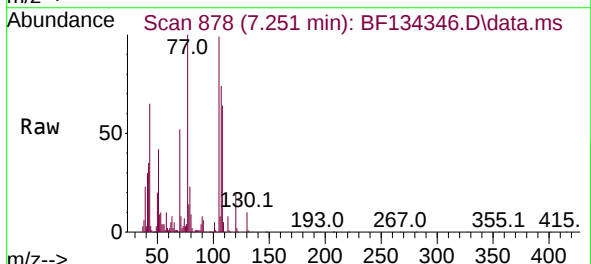
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

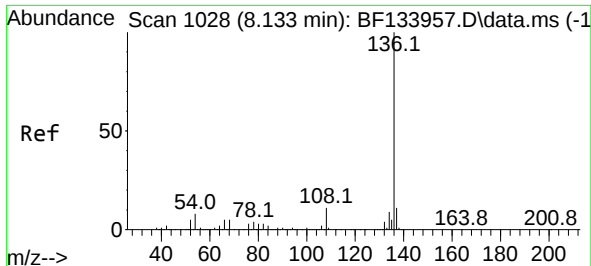
Tgt Ion: 70 Resp: 136114
Ion Ratio Lower Upper
70 100
42 67.3 54.7 82.1
101 10.0 7.7 11.5
130 18.8 16.4 24.6



#20
3+4-Methylphenols
Concen: 43.837 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion: 107 Resp: 188729
Ion Ratio Lower Upper
107 100
108 86.9 73.2 113.2
77 136.0 118.3 158.3
79 31.4 14.7 54.7

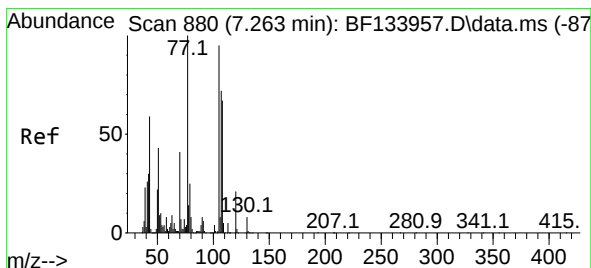
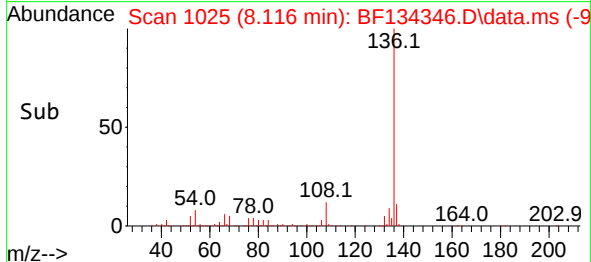
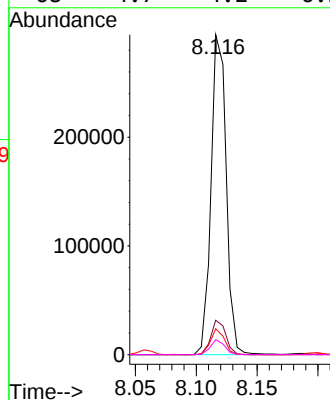
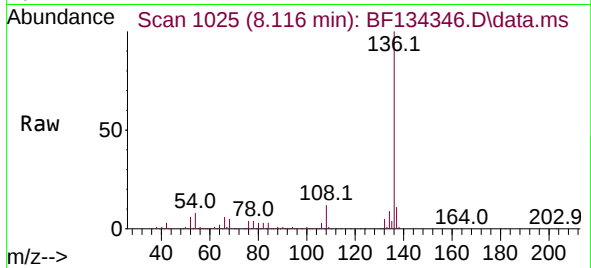




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

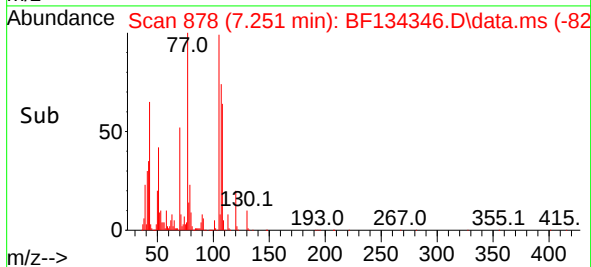
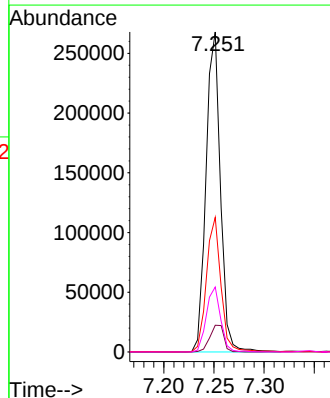
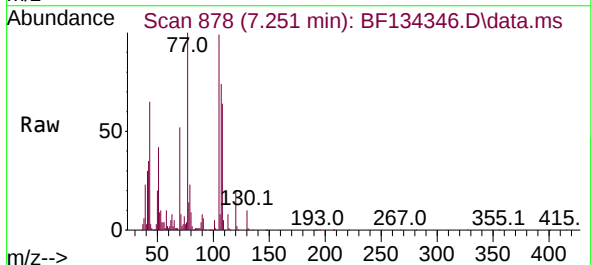
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

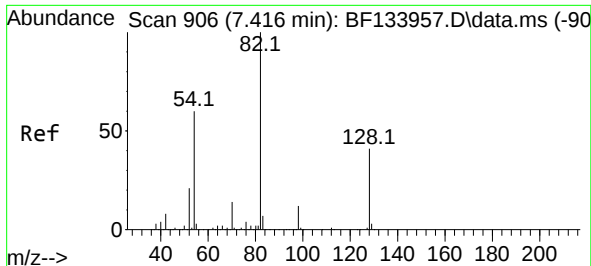
Tgt Ion:136 Resp: 255748
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.1 6.5 9.7
68 4.7 4.2 6.2



#22
Acetophenone
Concen: 46.299 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:105 Resp: 269290
Ion Ratio Lower Upper
105 100
71 8.4 5.5 8.3#
51 42.1 36.5 54.7
120 20.3 17.3 25.9





#23

Nitrobenzene-d5

Concen: 61.739 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

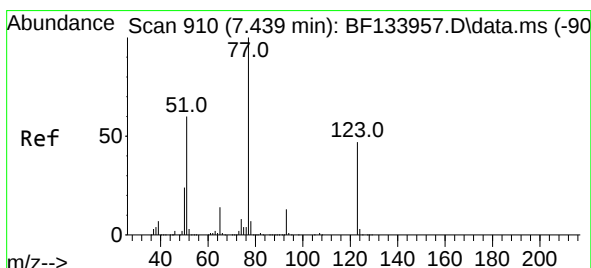
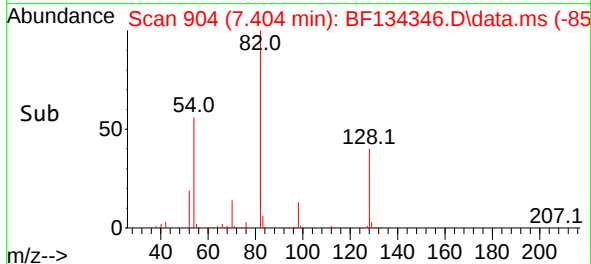
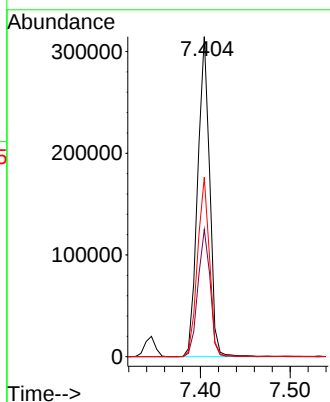
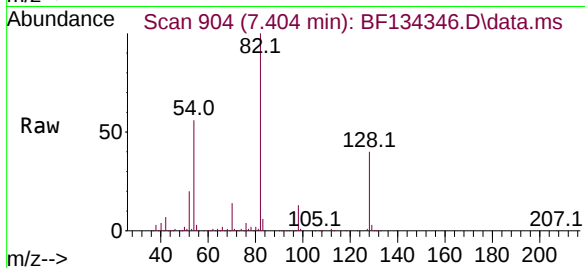
Tgt Ion: 82 Resp: 292916

Ion Ratio Lower Upper

82 100

128 39.7 32.5 48.7

54 56.1 48.2 72.2



#24

Nitrobenzene

Concen: 43.099 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

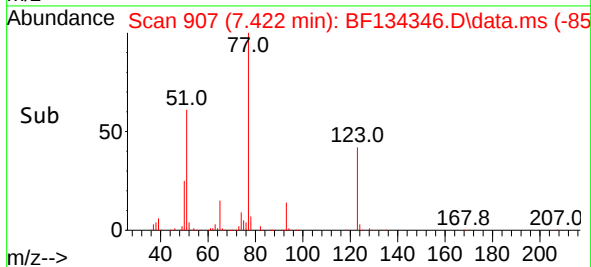
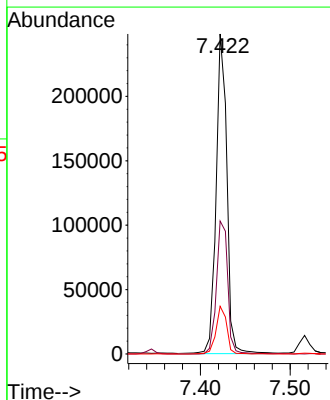
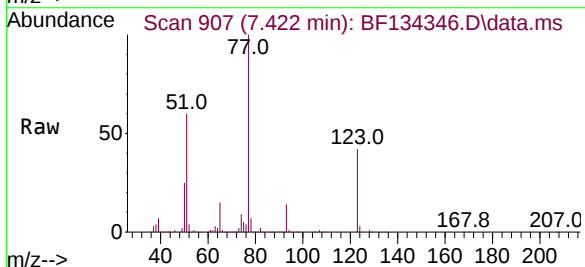
Tgt Ion: 77 Resp: 206629

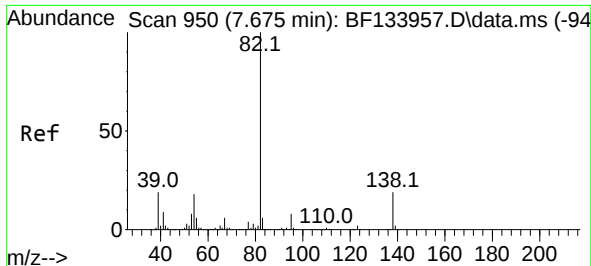
Ion Ratio Lower Upper

77 100

123 41.6 37.8 56.6

65 14.9 11.3 16.9

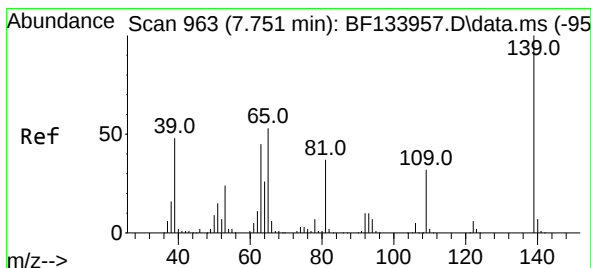
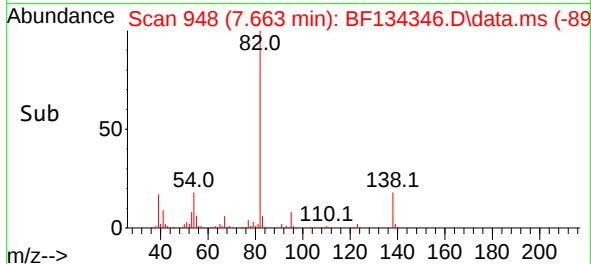
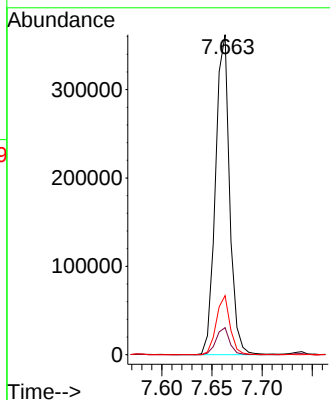
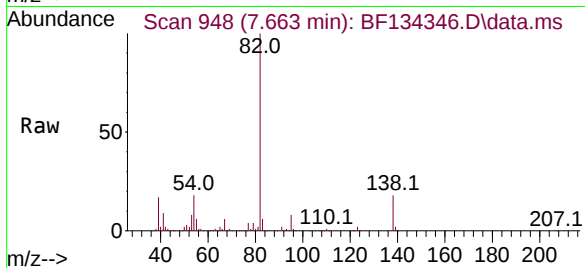




#25
Isophorone
Concen: 41.137 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

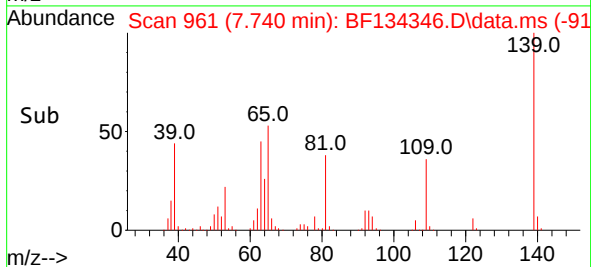
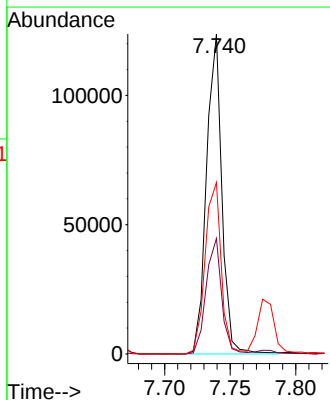
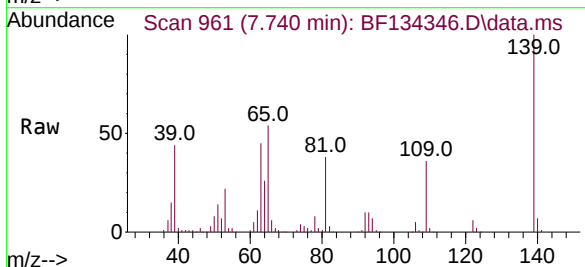
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

Tgt Ion: 82 Resp: 354707
Ion Ratio Lower Upper
82 100
95 8.4 6.1 9.1
138 18.4 15.2 22.8



#26
2-Nitrophenol
Concen: 43.972 ng
RT: 7.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion: 139 Resp: 101133
Ion Ratio Lower Upper
139 100
109 36.1 25.8 38.8
65 53.6 42.4 63.6

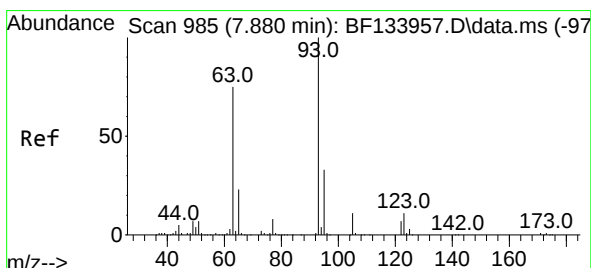
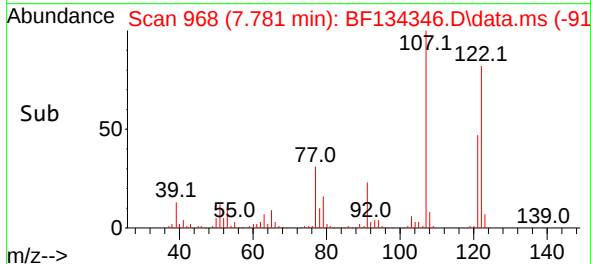
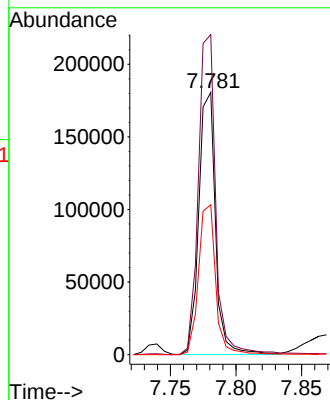
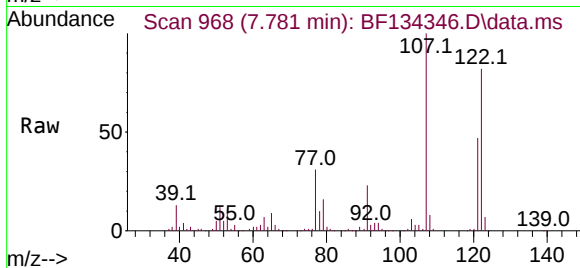




#27
2,4-Dimethylphenol
Concen: 44.180 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

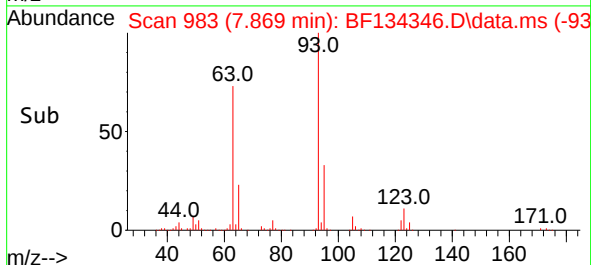
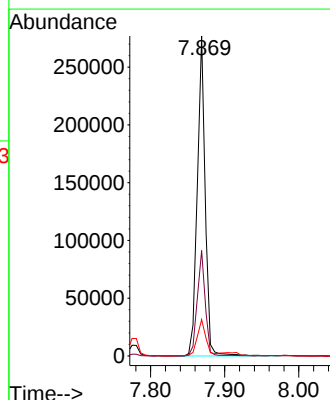
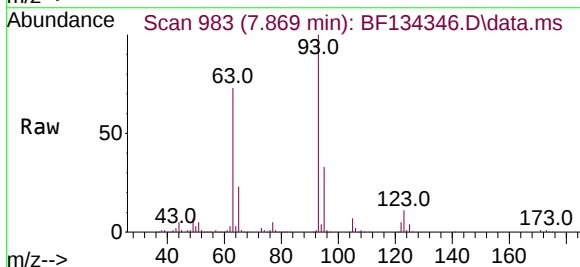
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

Tgt Ion:122 Resp: 160841
Ion Ratio Lower Upper
122 100
107 122.0 95.5 143.3
121 57.2 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.246 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion: 93 Resp: 205933
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.878 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

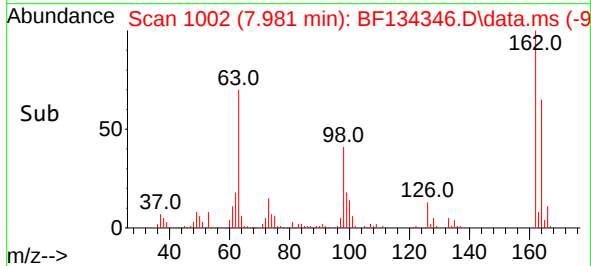
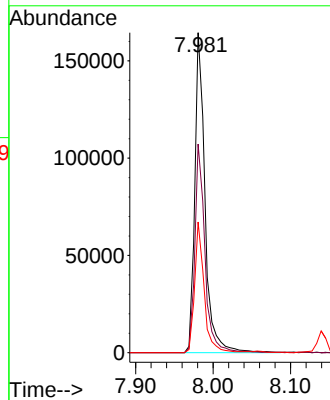
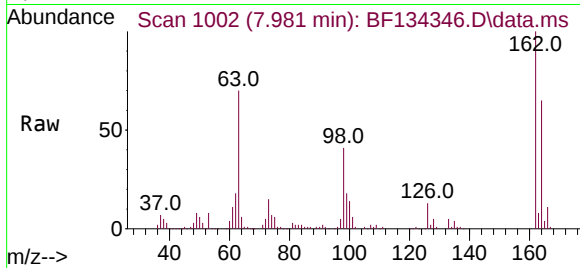
Tgt Ion:162 Resp: 151181

Ion Ratio Lower Upper

162 100

164 65.2 43.2 83.2

98 40.8 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 45.318 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

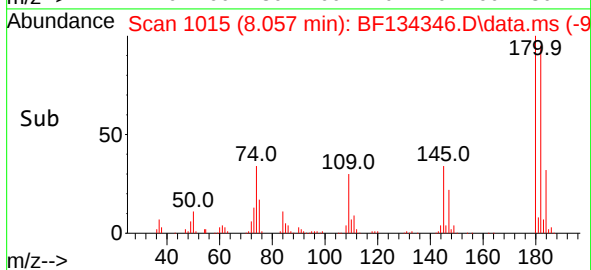
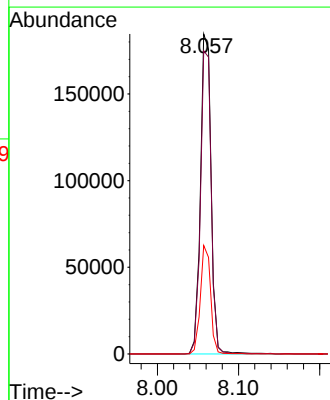
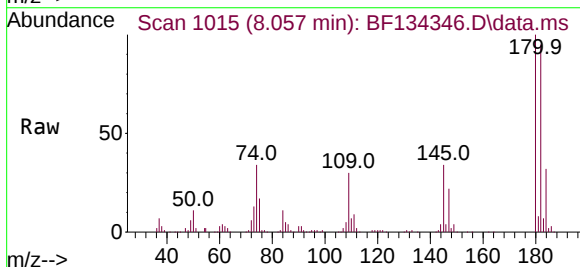
Tgt Ion:180 Resp: 168809

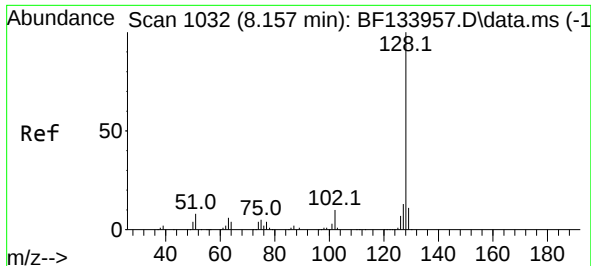
Ion Ratio Lower Upper

180 100

182 94.7 77.1 115.7

145 33.9 26.0 39.0

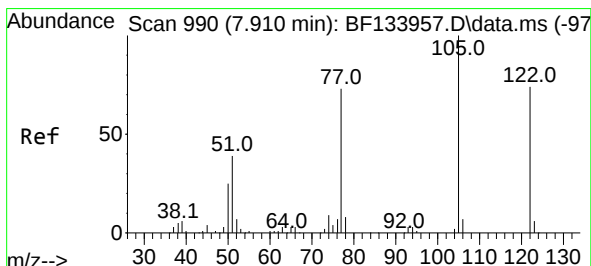
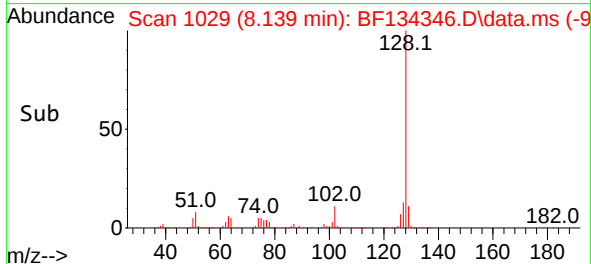
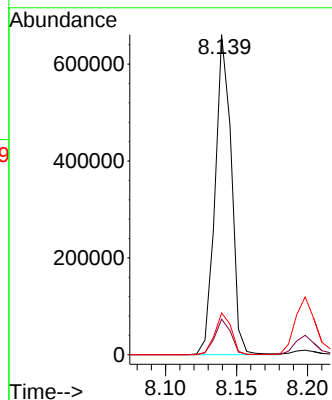
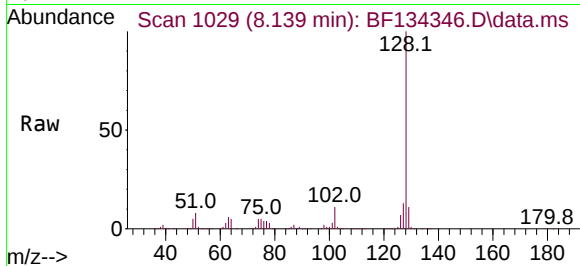




#31
Naphthalene
Concen: 42.555 ng
RT: 8.139 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

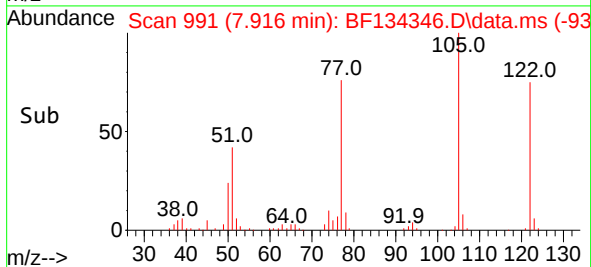
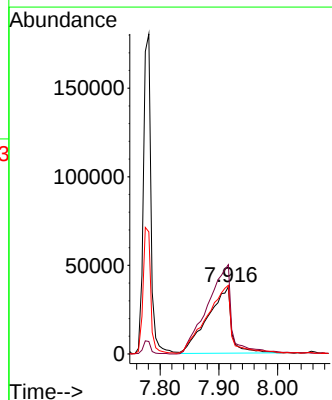
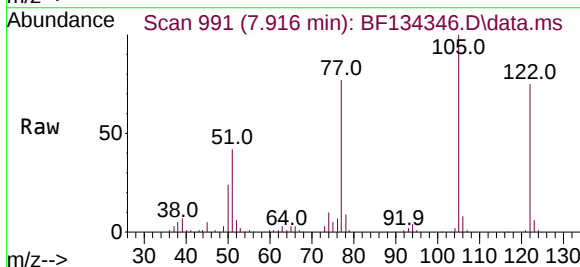
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

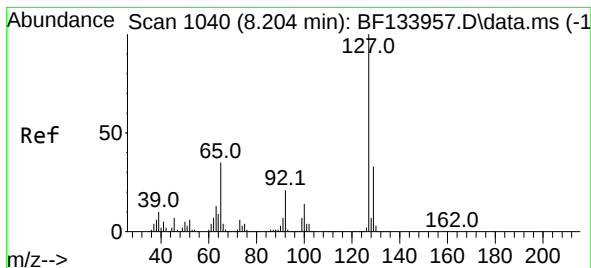
Tgt Ion:128 Resp: 525704
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 39.135 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.012 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:122 Resp: 106760
Ion Ratio Lower Upper
122 100
105 133.1 109.7 149.7
77 102.4 76.0 116.0





#33

4-Chloroaniline

Concen: 24.862 ng

RT: 8.198 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

Tgt Ion:127 Resp: 131379

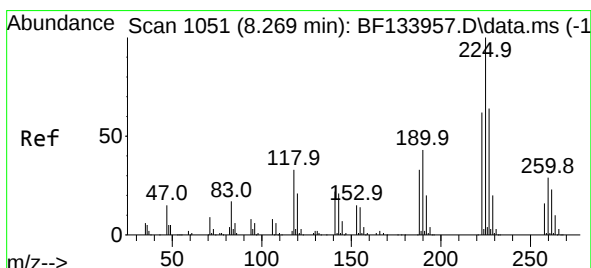
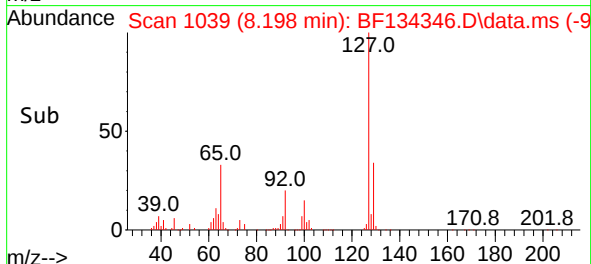
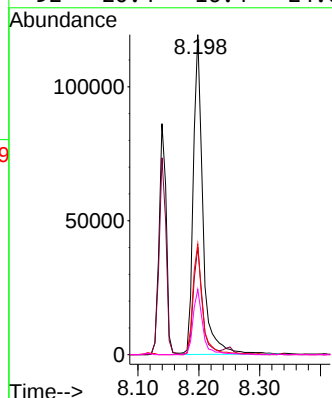
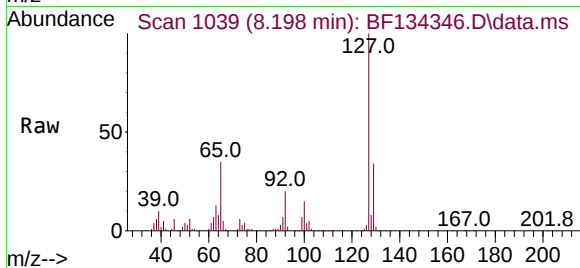
Ion Ratio Lower Upper

127 100

129 33.6 26.4 39.6

65 34.6 27.8 41.8

92 20.4 16.4 24.6



#34

Hexachlorobutadiene

Concen: 48.937 ng

RT: 8.251 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

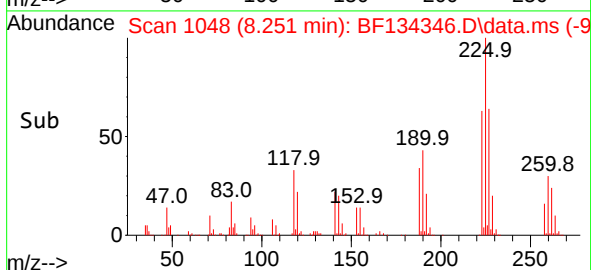
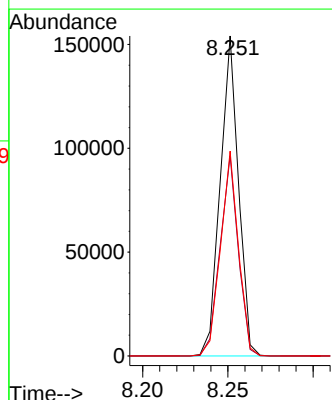
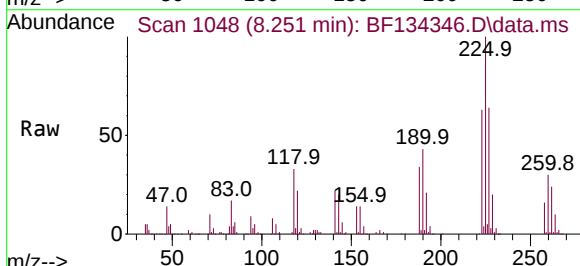
Tgt Ion:225 Resp: 114989

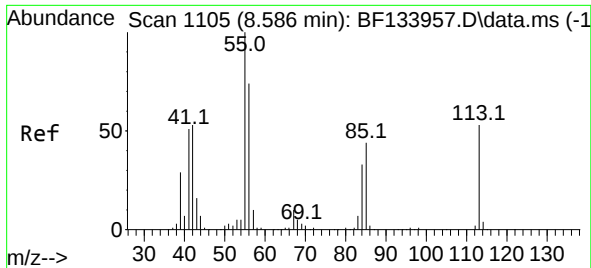
Ion Ratio Lower Upper

225 100

223 62.6 49.8 74.8

227 64.0 51.0 76.4

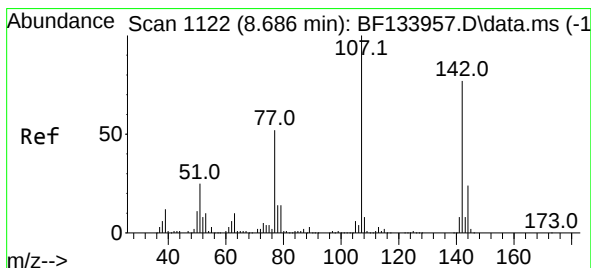
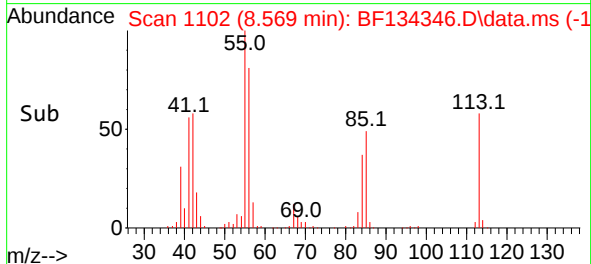
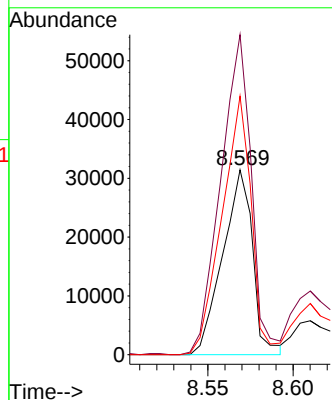
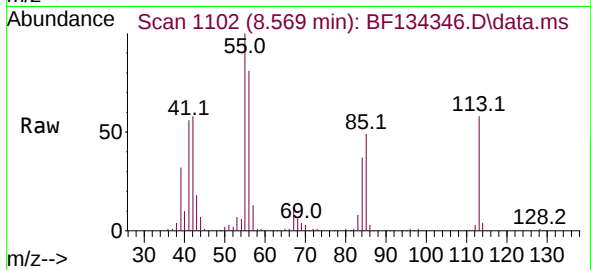




#35
 Caprolactam
 Concen: 32.221 ng
 RT: 8.569 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF134346.D
 Acq: 18 Jul 2023 19:44

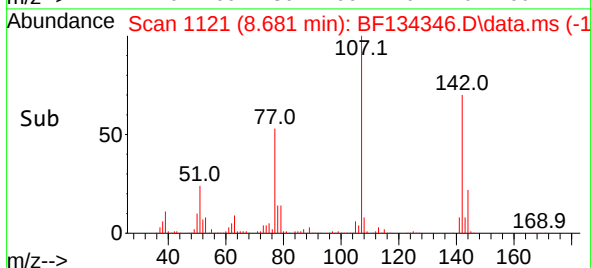
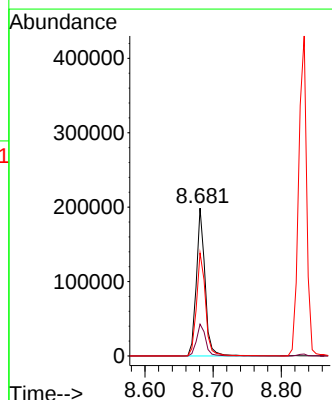
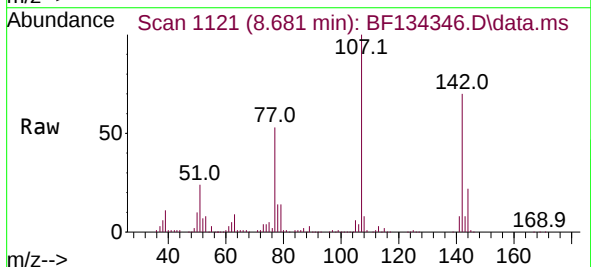
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

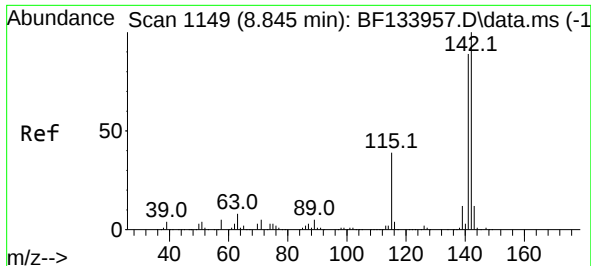
Tgt Ion:113 Resp: 38300
 Ion Ratio Lower Upper
 113 100
 55 173.1 170.2 210.2
 56 139.9 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.266 ng
 RT: 8.681 min Scan# 1121
 Delta R.T. 0.000 min
 Lab File: BF134346.D
 Acq: 18 Jul 2023 19:44

Tgt Ion:107 Resp: 175469
 Ion Ratio Lower Upper
 107 100
 144 21.5 19.6 29.4
 142 69.7 61.4 92.2

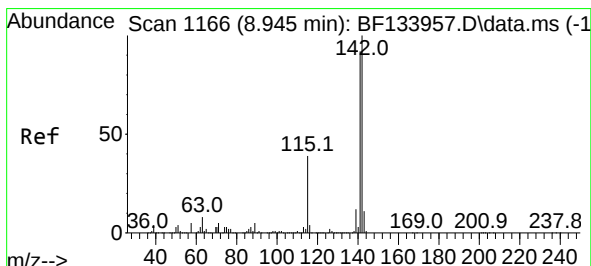
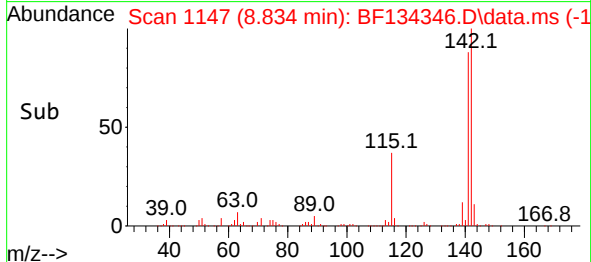
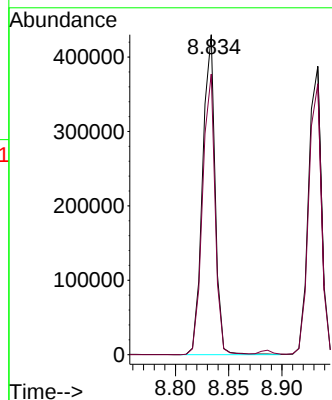
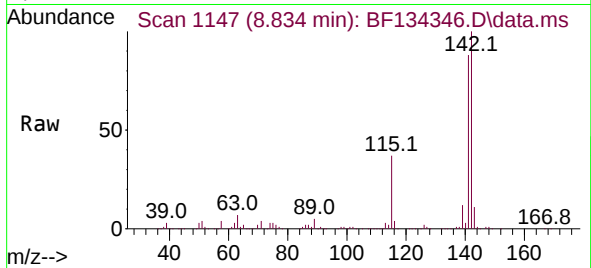




#37
2-Methylnaphthalene
Concen: 40.415 ng
RT: 8.834 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

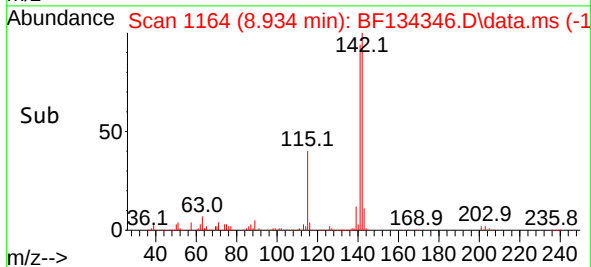
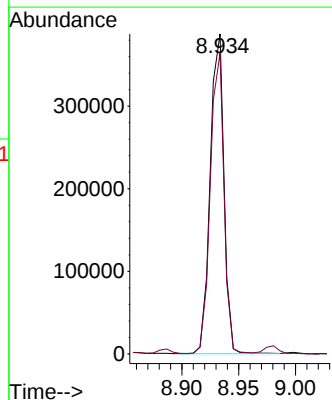
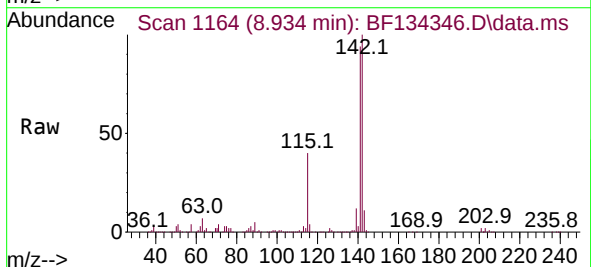
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

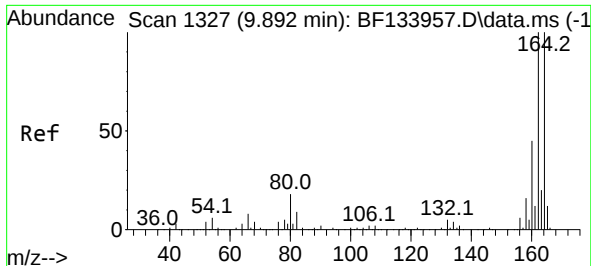
Tgt Ion:142 Resp: 353061
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.4



#38
1-Methylnaphthalene
Concen: 40.050 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:142 Resp: 325251
Ion Ratio Lower Upper
142 100
141 93.9 73.5 110.3

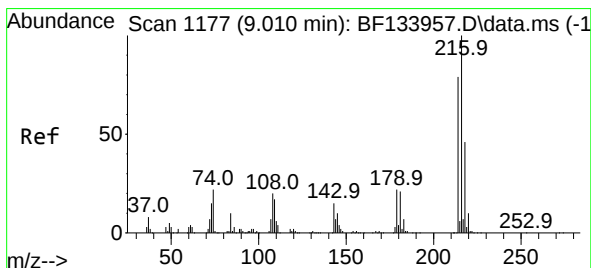
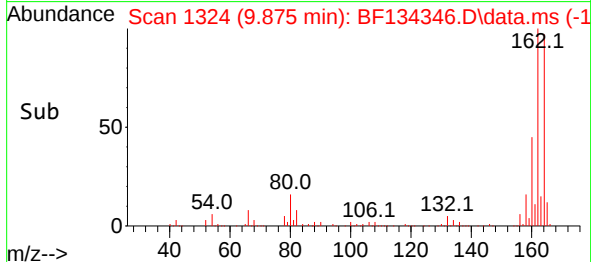
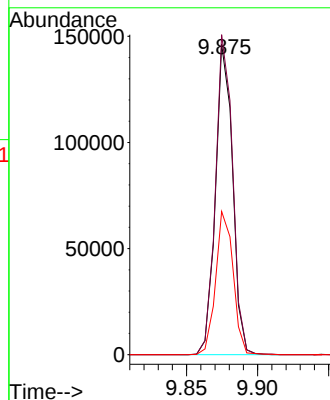
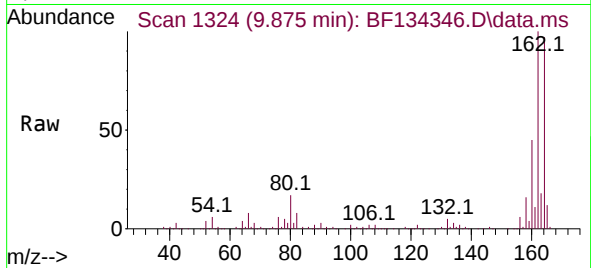




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

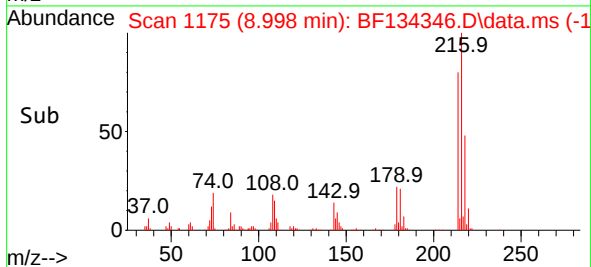
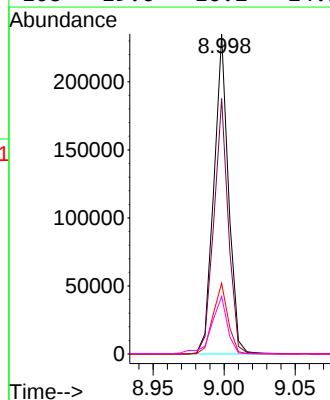
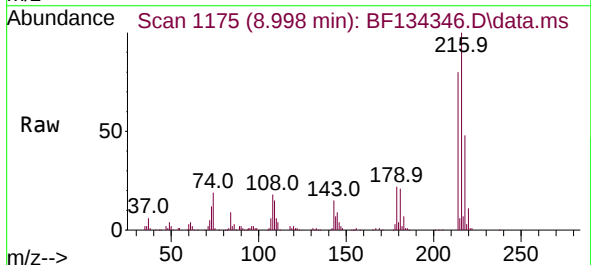
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

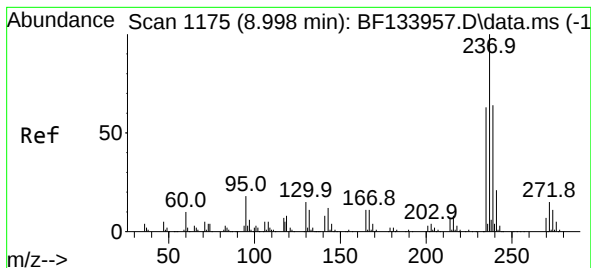
Tgt Ion:164 Resp: 122679
Ion Ratio Lower Upper
164 100
162 103.1 80.0 120.0
160 46.1 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.391 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:216 Resp: 168611
Ion Ratio Lower Upper
216 100
214 79.0 64.1 96.1
179 22.5 17.3 25.9
108 19.6 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 35.587 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

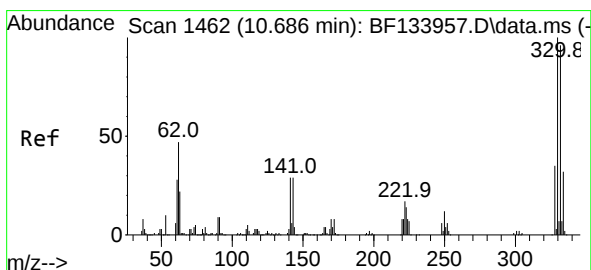
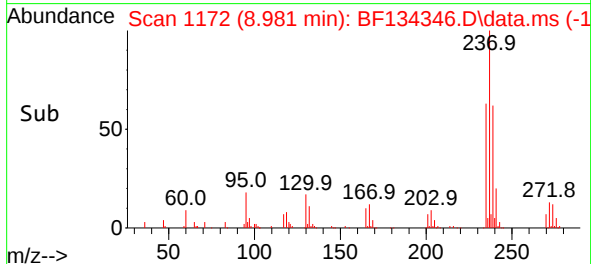
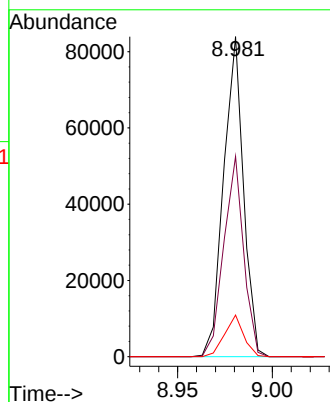
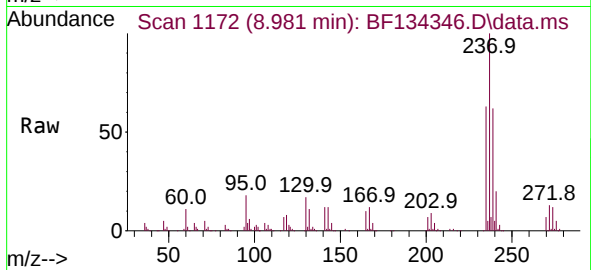
Tgt Ion:237 Resp: 61362

Ion Ratio Lower Upper

237 100

235 62.6 42.8 82.8

272 13.0 0.0 34.6



#42

2,4,6-Tribromophenol

Concen: 89.702 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

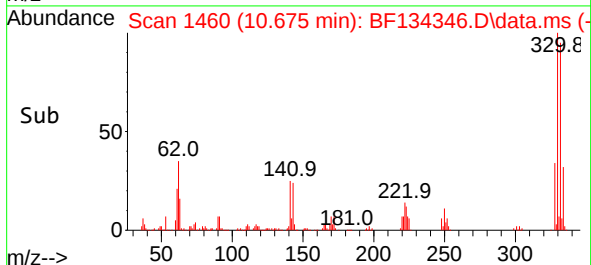
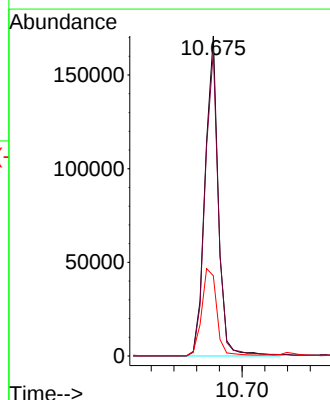
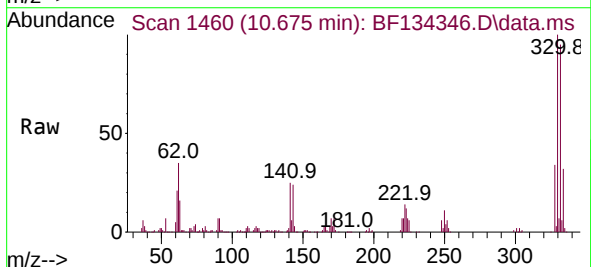
Tgt Ion:330 Resp: 137975

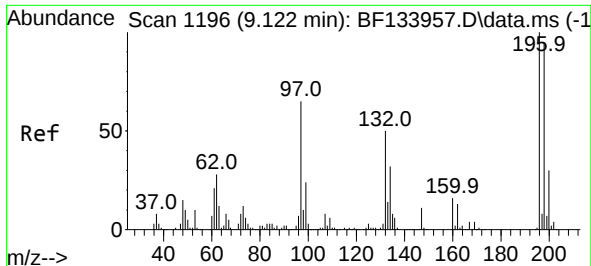
Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

141 30.7 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 44.062 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

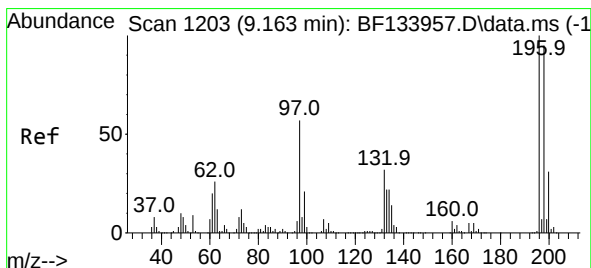
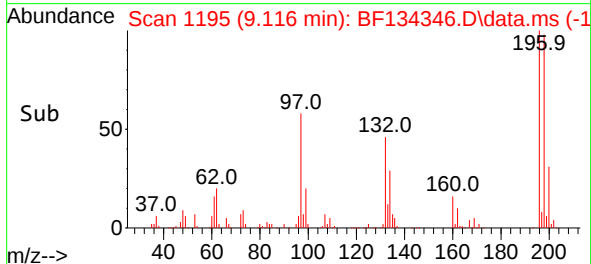
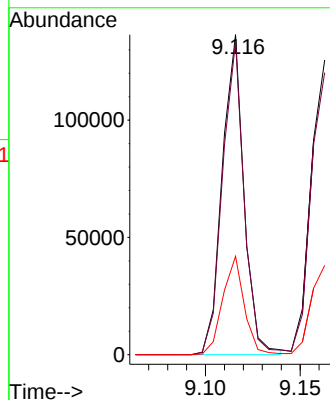
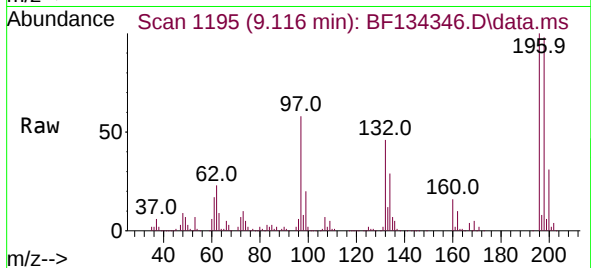
Tgt Ion:196 Resp: 109019

Ion Ratio Lower Upper

196 100

198 97.9 75.6 113.4

200 30.8 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 39.661 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Tgt Ion:196 Resp: 115427

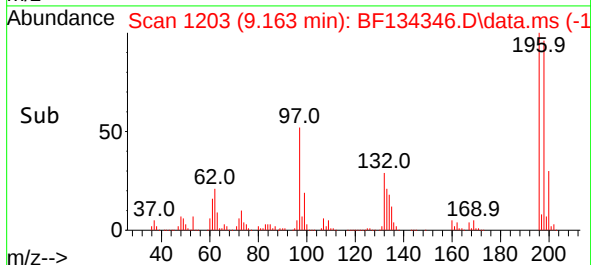
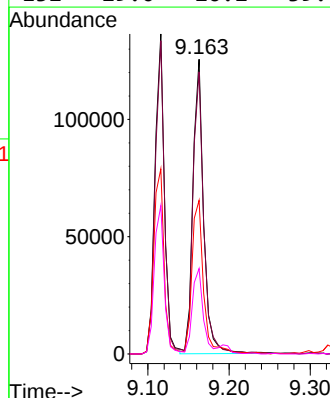
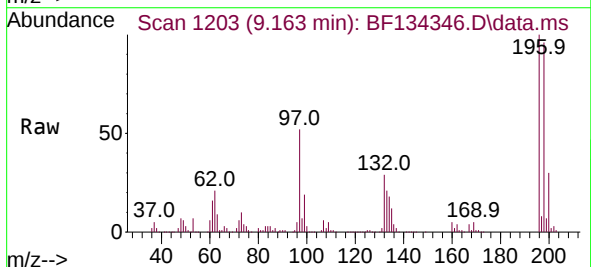
Ion Ratio Lower Upper

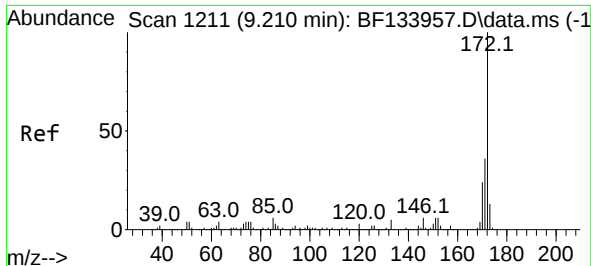
196 100

198 95.7 75.7 113.5

97 52.1 45.8 68.6

132 29.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 67.099 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

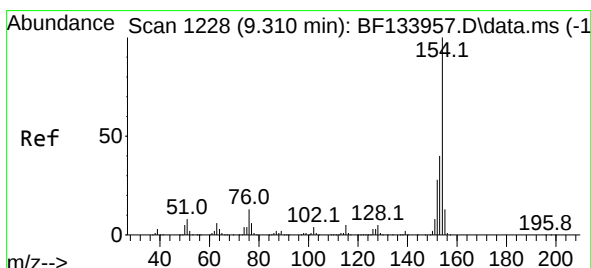
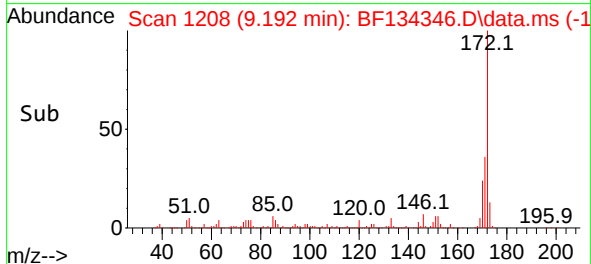
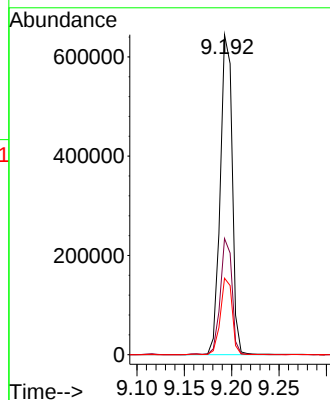
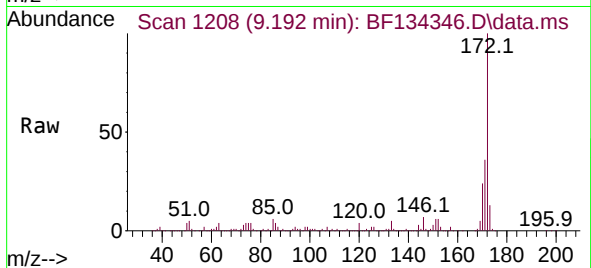
Tgt Ion:172 Resp: 566183

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 23.9 19.4 29.0



#46

1,1'-Biphenyl

Concen: 44.520 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

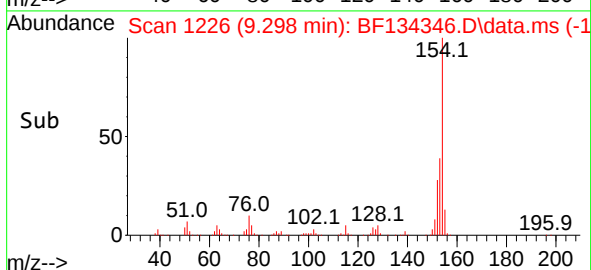
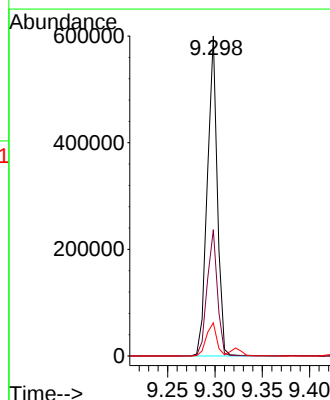
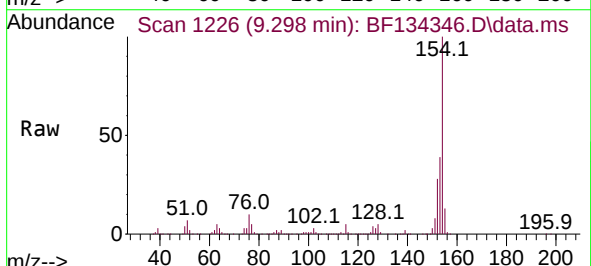
Tgt Ion:154 Resp: 438115

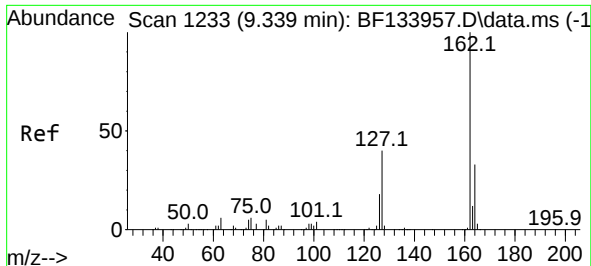
Ion Ratio Lower Upper

154 100

153 39.4 19.8 59.8

76 10.3 0.0 32.9





#47

2-Chloronaphthalene

Concen: 45.177 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

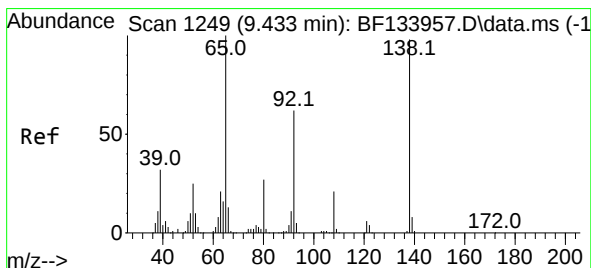
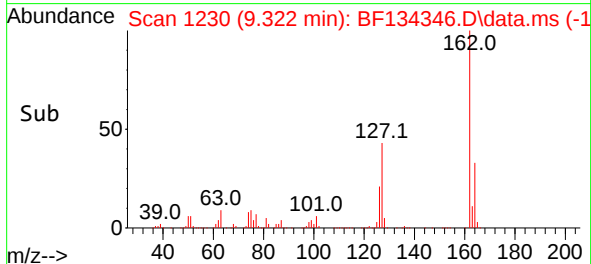
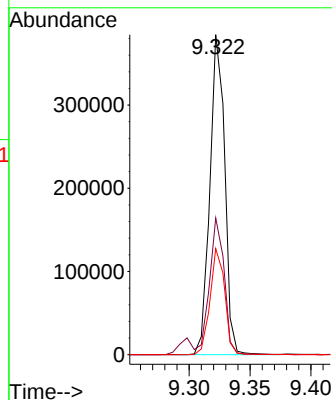
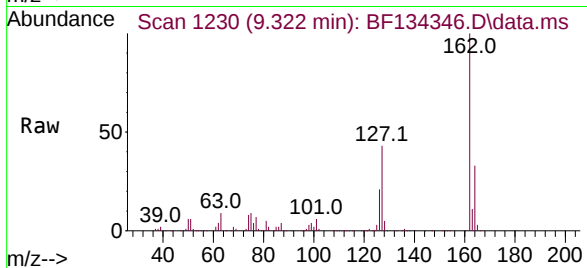
Tgt Ion:162 Resp: 325281

Ion Ratio Lower Upper

162 100

127 42.7 32.9 49.3

164 33.1 26.1 39.1



#48

2-Nitroaniline

Concen: 41.751 ng

RT: 9.428 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

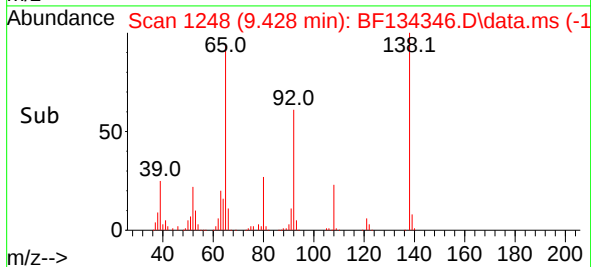
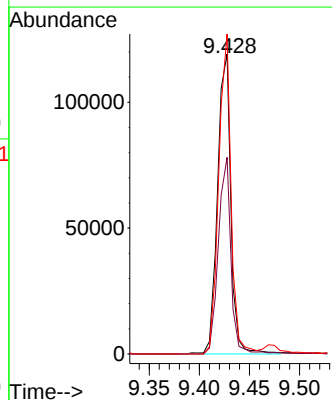
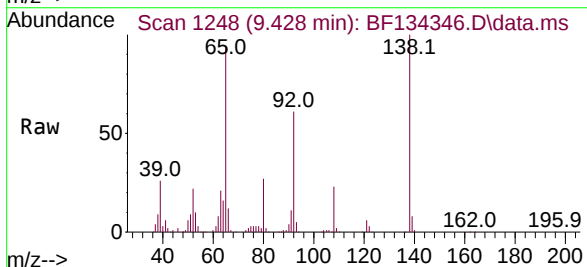
Tgt Ion: 65 Resp: 109560

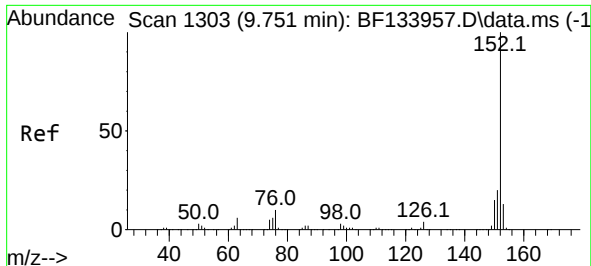
Ion Ratio Lower Upper

65 100

92 65.5 49.5 74.3

138 106.7 78.0 117.0





#49

Acenaphthylene

Concen: 41.970 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

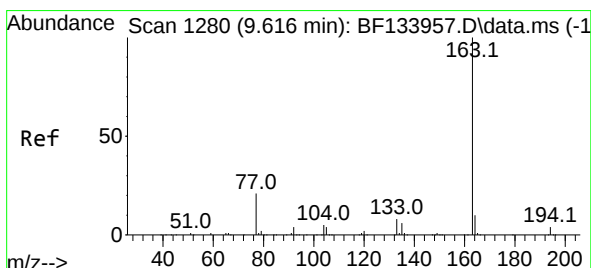
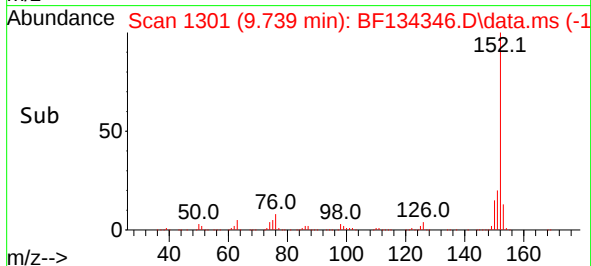
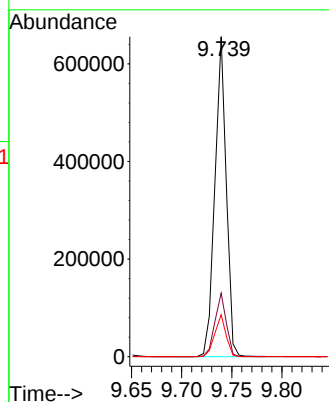
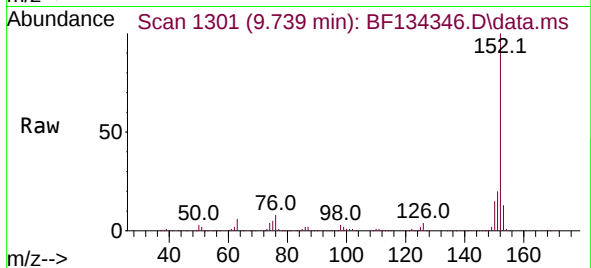
Tgt Ion:152 Resp: 516223

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.1 10.8 16.2



#50

Dimethylphthalate

Concen: 44.013 ng

RT: 9.598 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

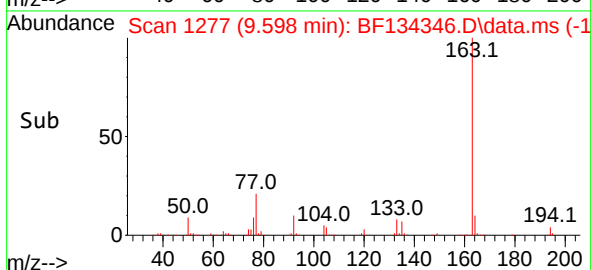
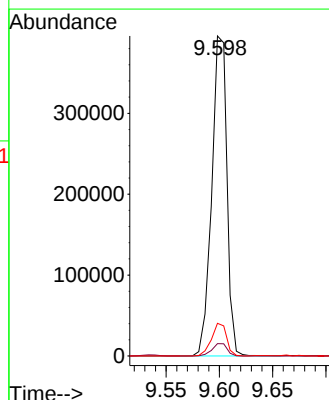
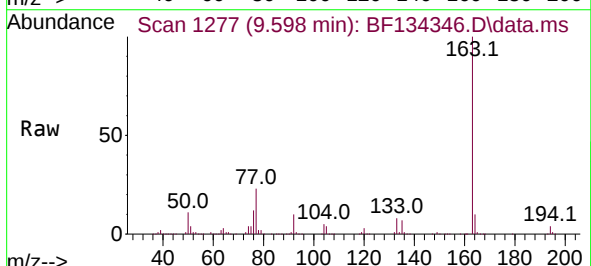
Tgt Ion:163 Resp: 391948

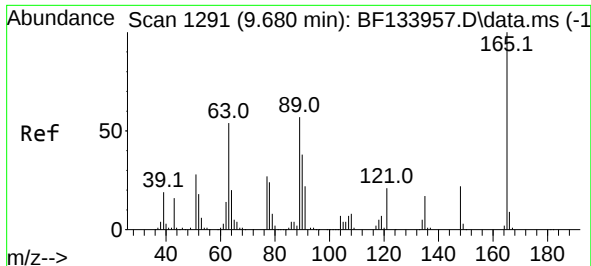
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.2 8.2 12.2

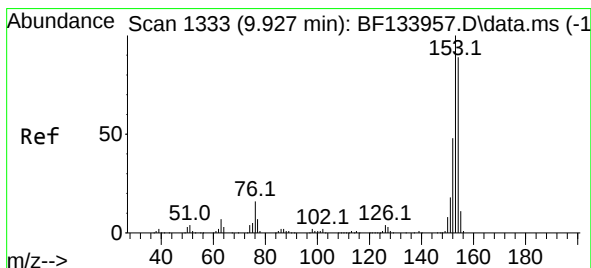
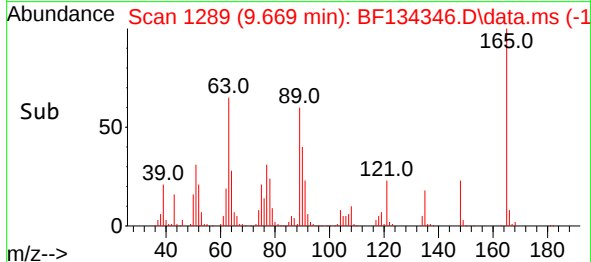
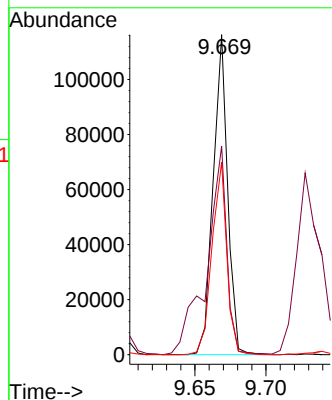
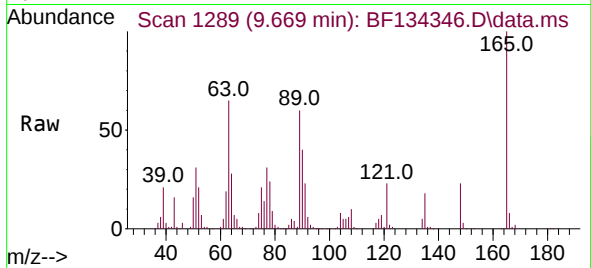




#51
2,6-Dinitrotoluene
Concen: 42.914 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

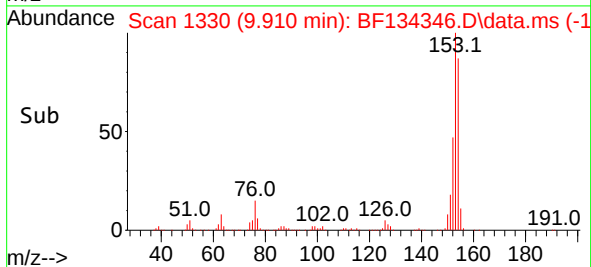
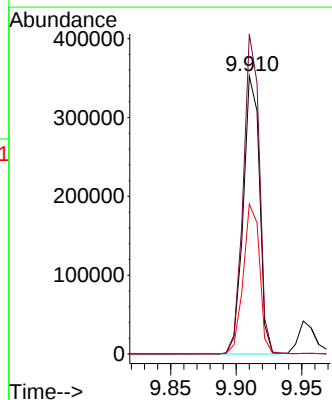
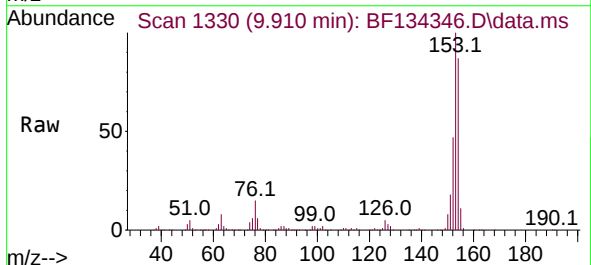
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

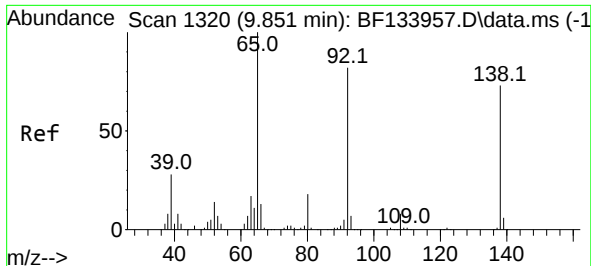
Tgt Ion:165 Resp: 82311
Ion Ratio Lower Upper
165 100
63 65.2 48.5 72.7
89 60.1 45.5 68.3



#52
Acenaphthene
Concen: 42.758 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:154 Resp: 305166
Ion Ratio Lower Upper
154 100
153 115.1 89.4 134.2
152 53.9 42.8 64.2

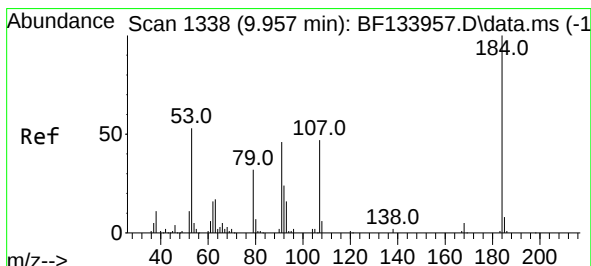
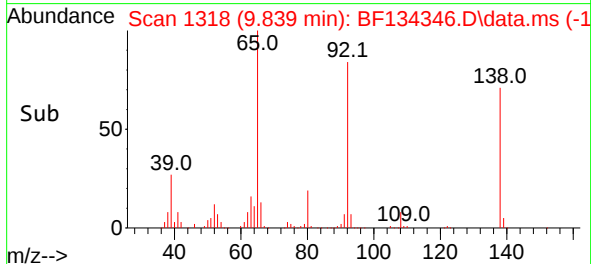
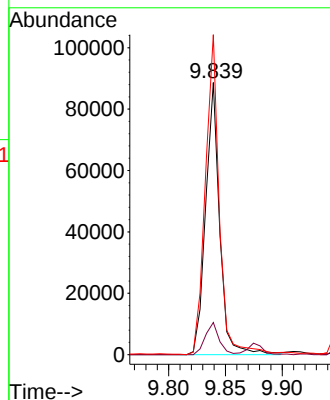
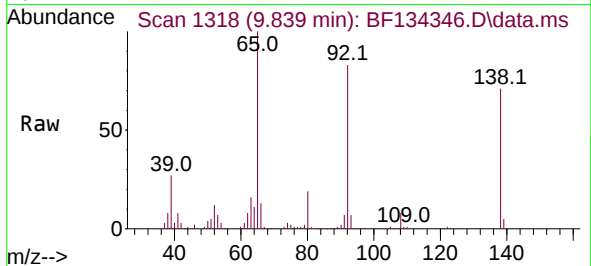




#53
3-Nitroaniline
Concen: 33.110 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

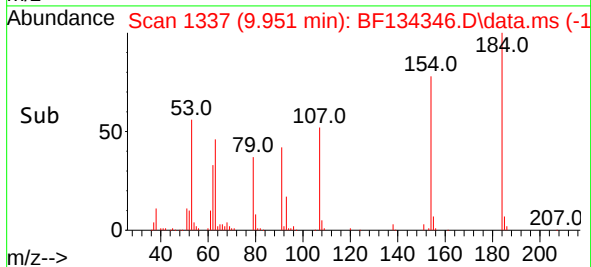
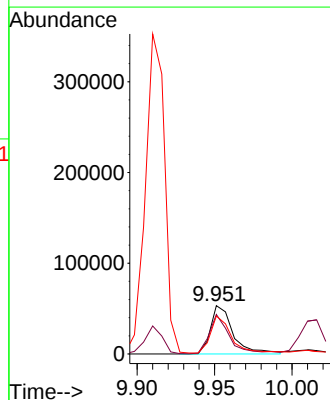
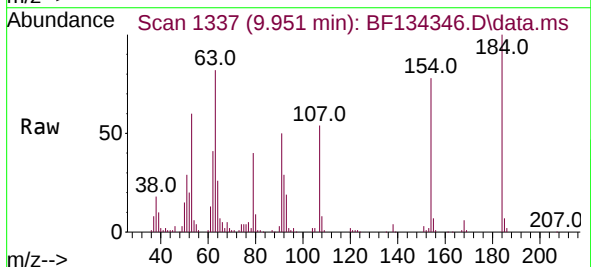
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

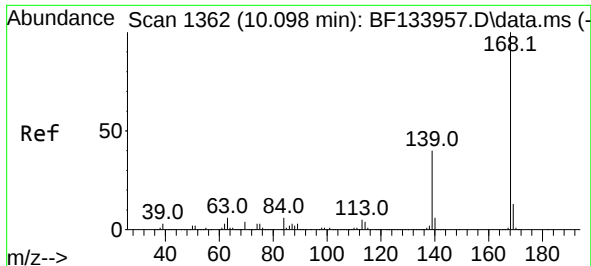
Tgt Ion:138 Resp: 76187
Ion Ratio Lower Upper
138 100
108 11.8 8.4 12.6
92 117.6 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 50.434 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:184 Resp: 54203
Ion Ratio Lower Upper
184 100
63 81.7 56.9 85.3
154 78.5 55.4 83.0

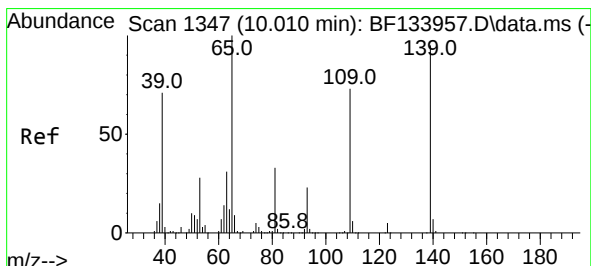
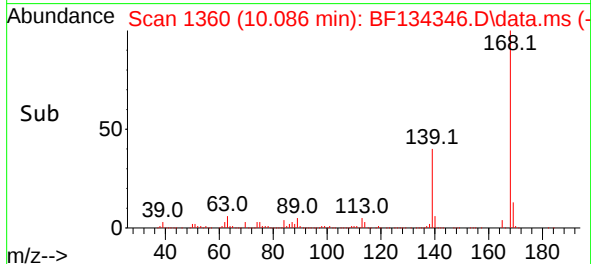
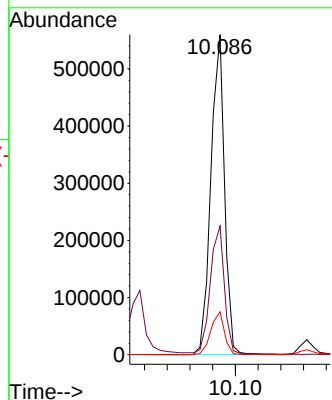
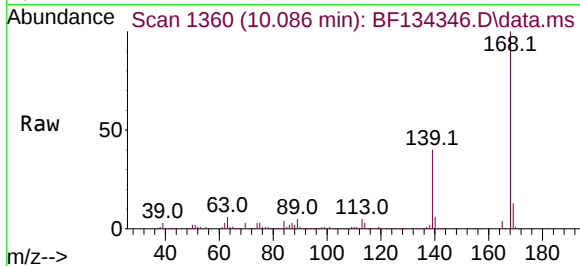




#55
Dibenzofuran
Concen: 41.769 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

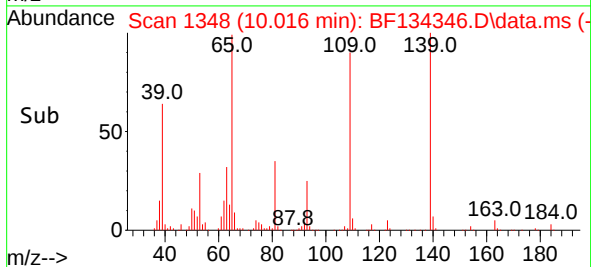
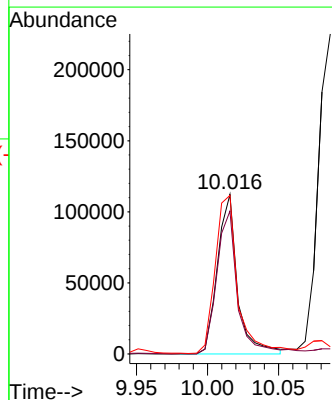
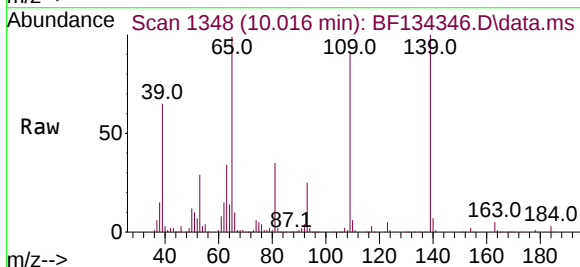
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

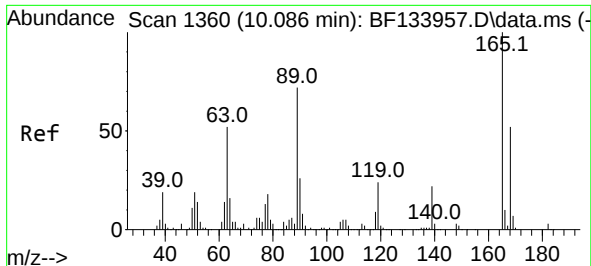
Tgt Ion:168 Resp: 465888
Ion Ratio Lower Upper
168 100
139 40.2 32.0 48.0
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 68.378 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:139 Resp: 110058
Ion Ratio Lower Upper
139 100
109 89.5 56.8 96.8
65 99.4 86.1 126.1

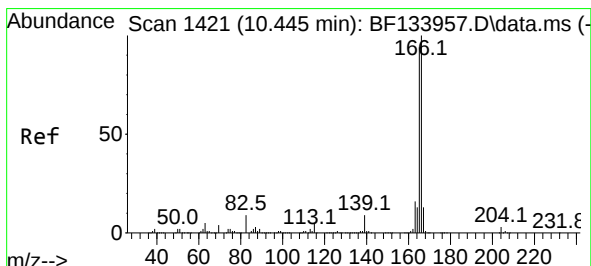
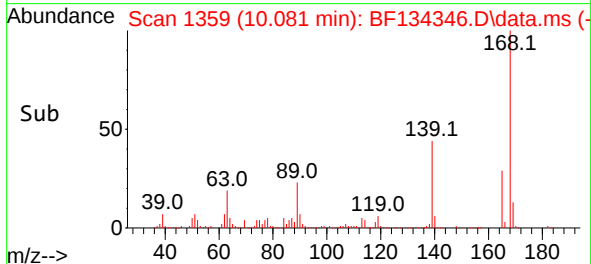
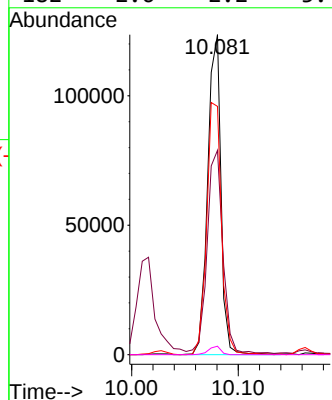
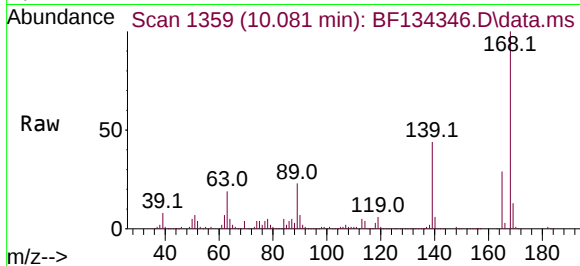




#57
2,4-Dinitrotoluene
Concen: 42.286 ng
RT: 10.081 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

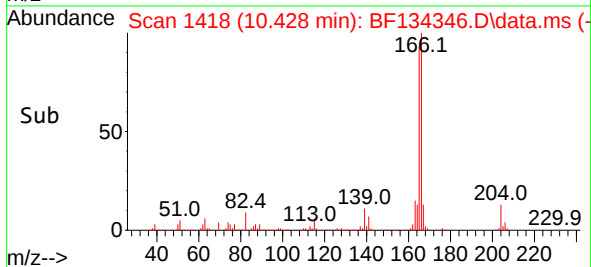
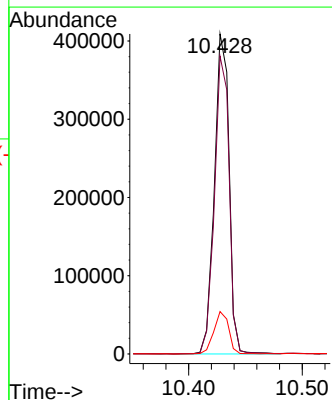
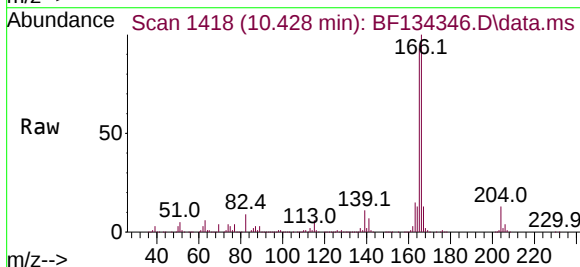
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

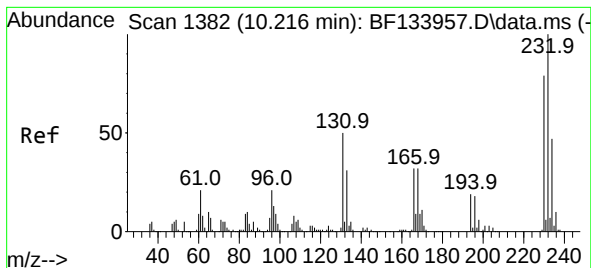
Tgt Ion:165 Resp: 107113
Ion Ratio Lower Upper
165 100
63 63.9 42.2 63.2#
89 77.6 57.4 86.2
182 2.6 2.2 3.4



#58
Fluorene
Concen: 42.442 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:166 Resp: 368296
Ion Ratio Lower Upper
166 100
165 93.1 75.0 112.4
167 13.2 10.6 15.8

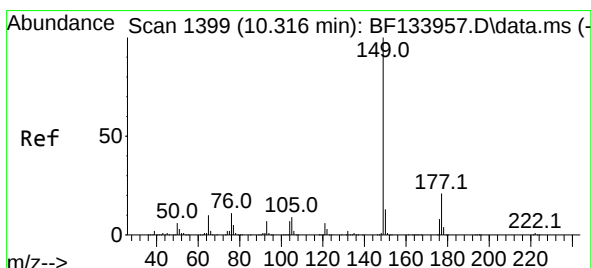
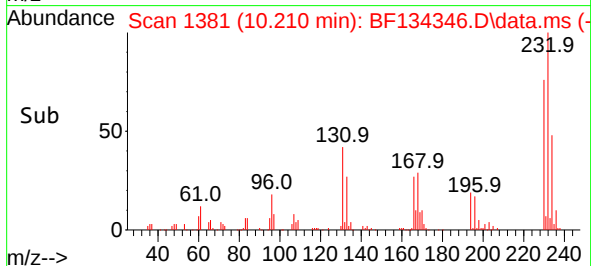
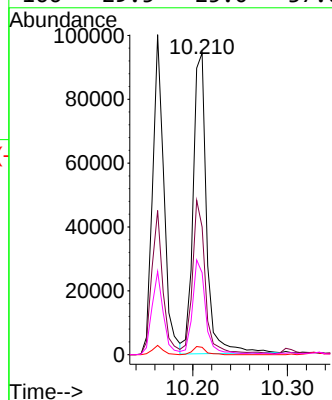
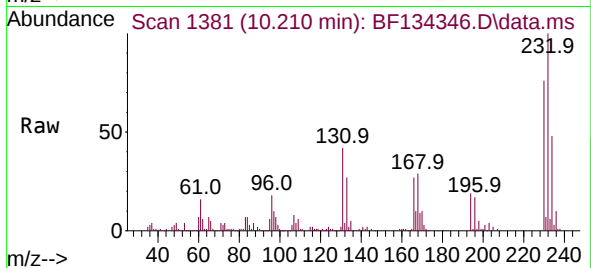




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.733 ng
RT: 10.210 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

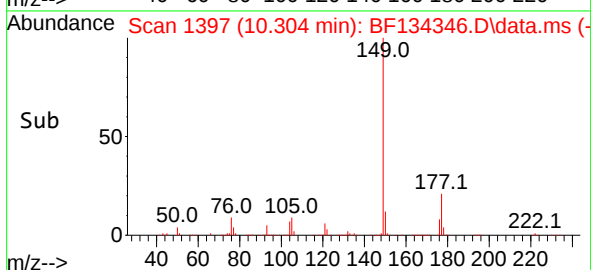
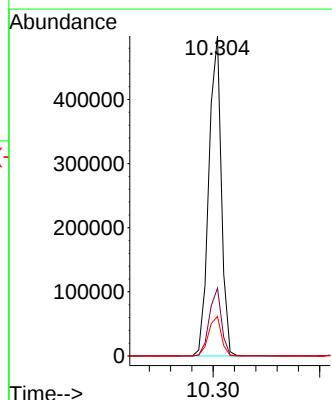
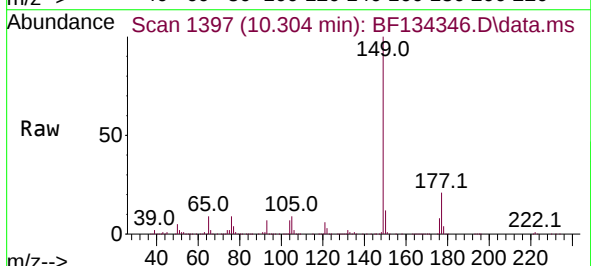
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

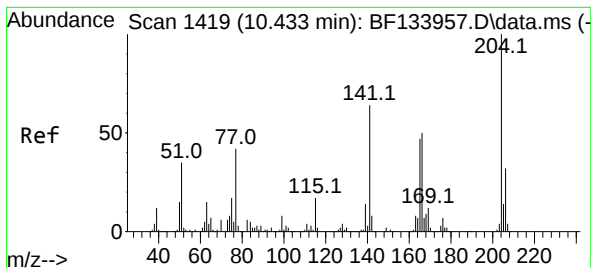
Tgt Ion:232 Resp: 93511
Ion Ratio Lower Upper
232 100
131 48.4 39.3 58.9
130 2.6 1.8 2.6
166 29.5 25.0 37.6



#60
Diethylphthalate
Concen: 43.804 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:149 Resp: 406415
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.3 10.2 15.2

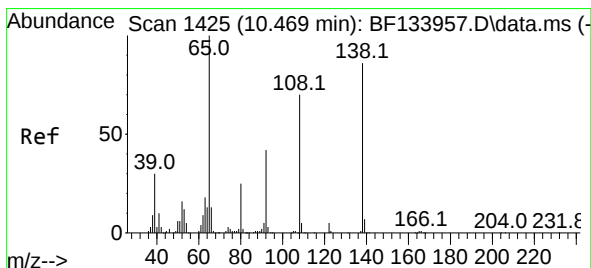
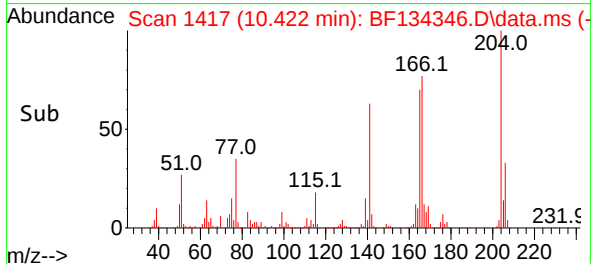
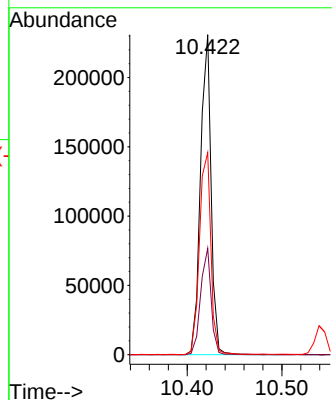
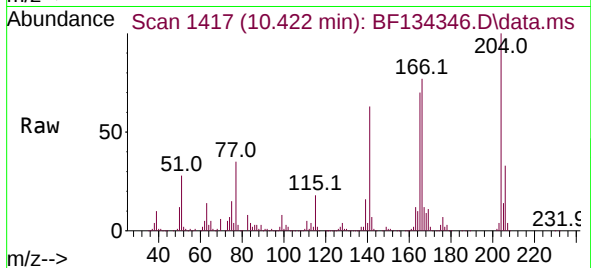




#61
4-Chlorophenyl-phenylether
Concen: 43.078 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

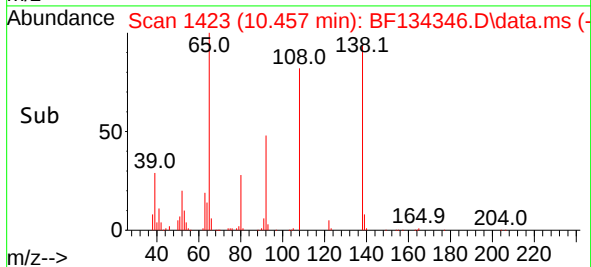
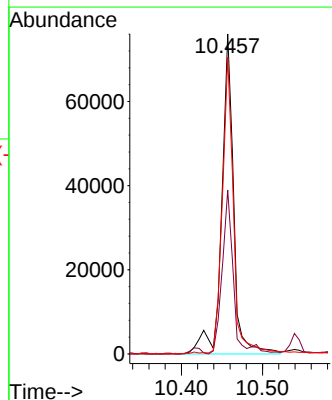
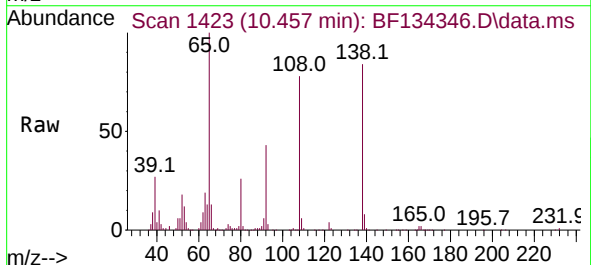
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

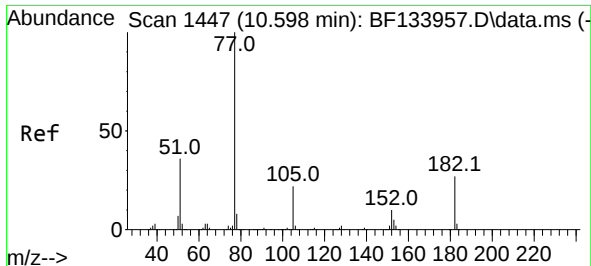
Tgt Ion:204 Resp: 180149
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 63.1 51.5 77.3



#62
4-Nitroaniline
Concen: 33.506 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:138 Resp: 77699
Ion Ratio Lower Upper
138 100
92 51.3 29.7 69.7
108 92.7 62.1 102.1

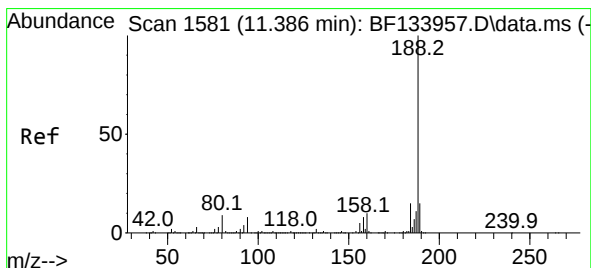
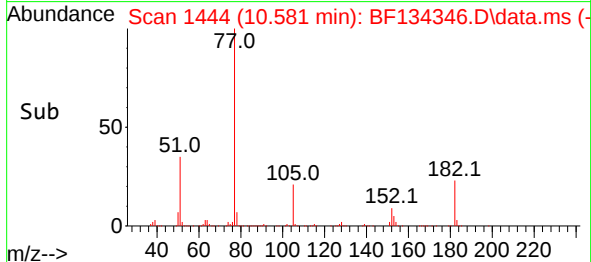
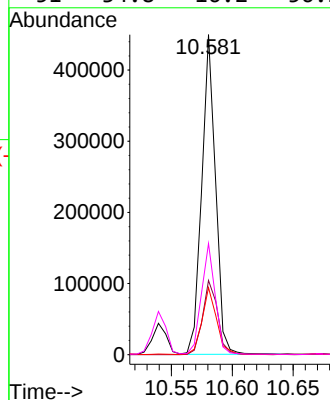
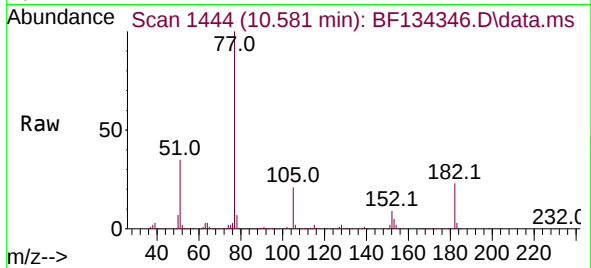




#63
Azobenzene
Concen: 40.247 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

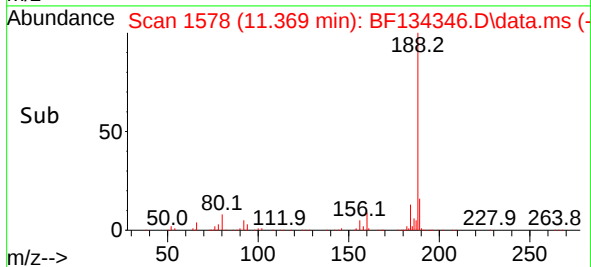
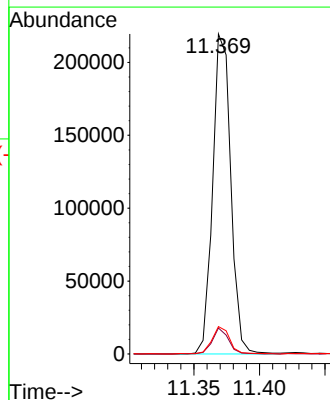
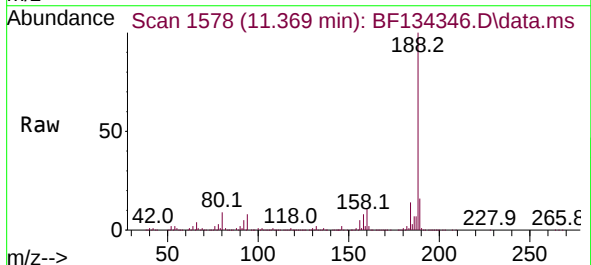
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

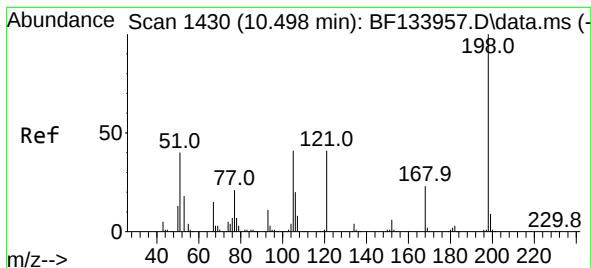
Tgt Ion:	77	Resp:	353215
Ion	Ratio	Lower	Upper
77	100		
182	23.2	6.8	46.8
105	20.9	2.3	42.3
51	34.8	16.2	56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:	188	Resp:	210650
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.4	9.6
80	8.6	7.3	10.9

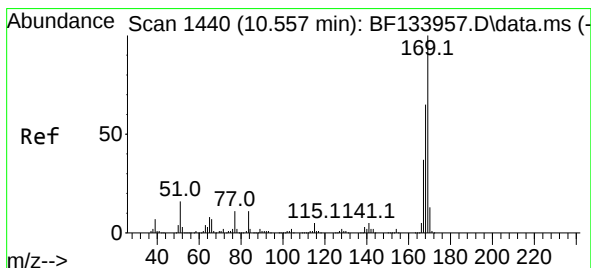
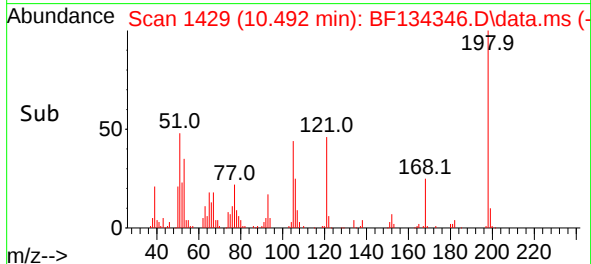
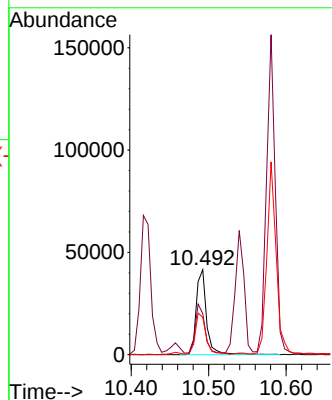
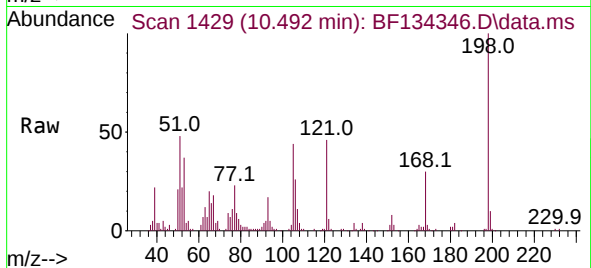




#65
4,6-Dinitro-2-methylphenol
Concen: 33.256 ng
RT: 10.492 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

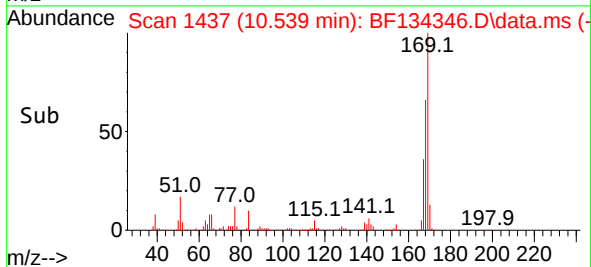
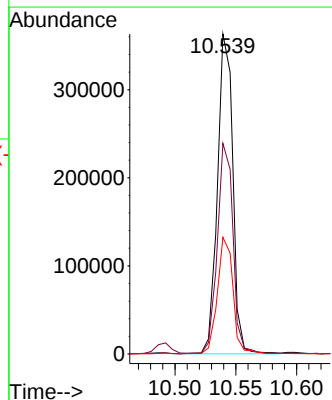
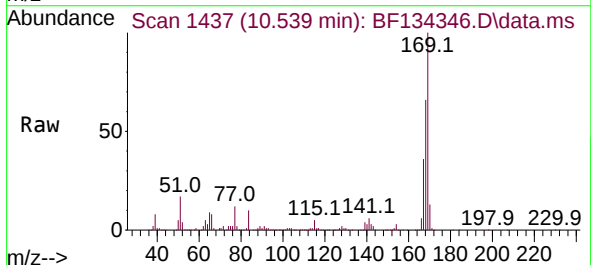
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

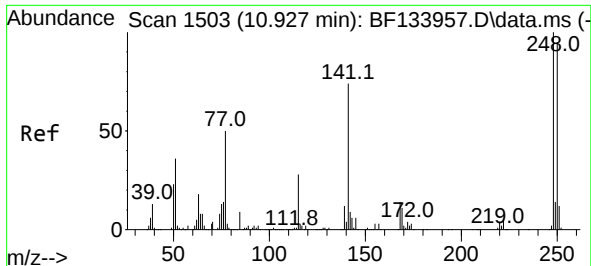
Tgt Ion:198 Resp: 38193
Ion Ratio Lower Upper
198 100
51 48.3 29.3 69.3
105 43.9 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 47.297 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:169 Resp: 318323
Ion Ratio Lower Upper
169 100
168 65.8 52.3 78.5
167 36.4 29.4 44.0

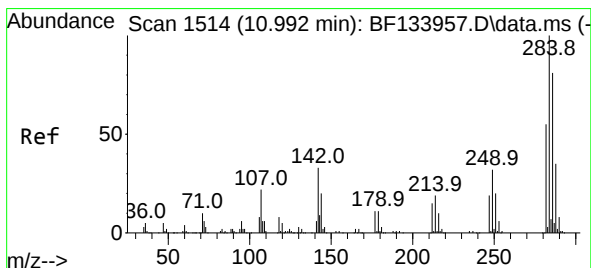
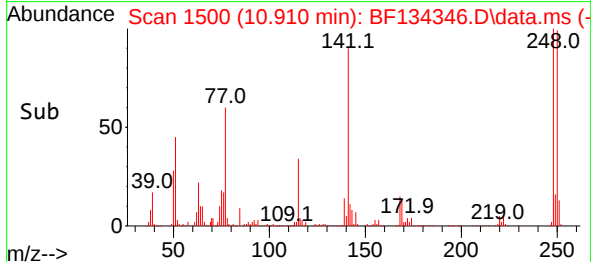
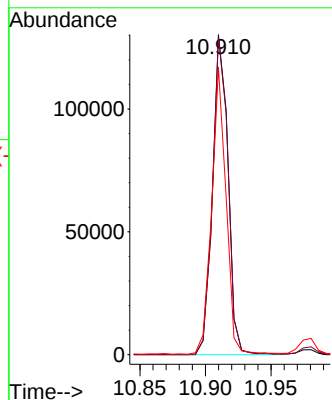
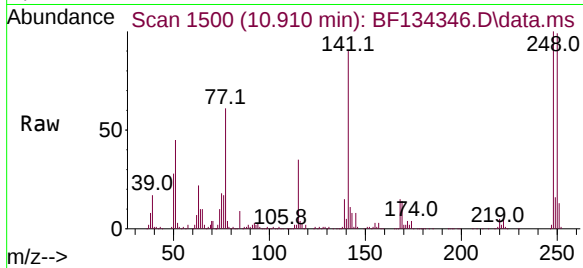




#67
4-Bromophenyl-phenylether
Concen: 47.873 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

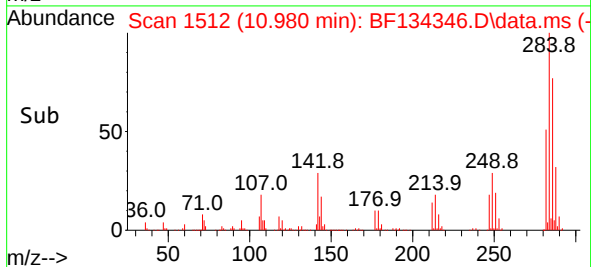
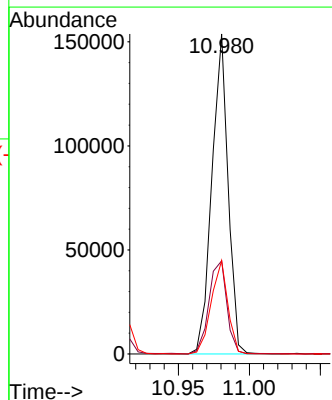
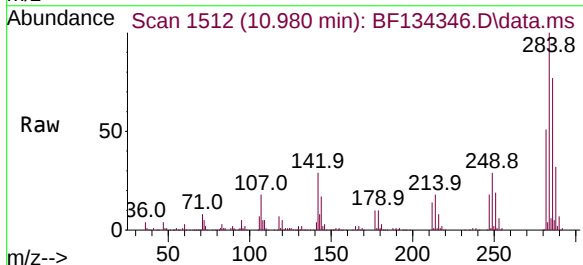
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

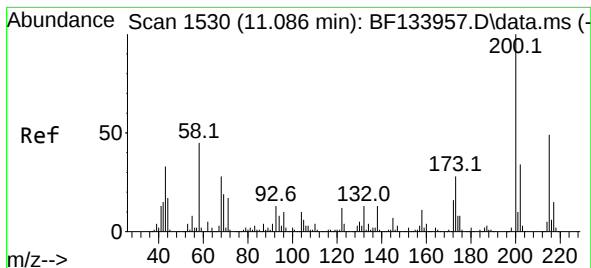
Tgt Ion:248 Resp: 107185
Ion Ratio Lower Upper
248 100
250 99.3 76.2 114.4
141 89.8 59.0 88.4#



#68
Hexachlorobenzene
Concen: 51.199 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:284 Resp: 121712
Ion Ratio Lower Upper
284 100
142 29.1 26.6 40.0
249 29.2 25.5 38.3





#69

Atrazine

Concen: 54.202 ng

RT: 11.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

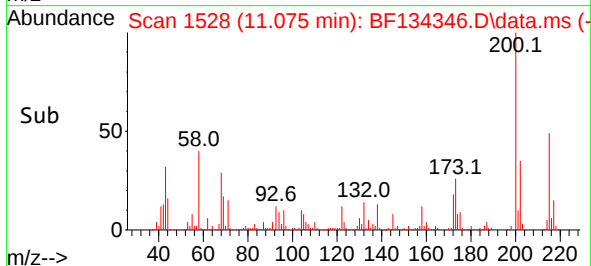
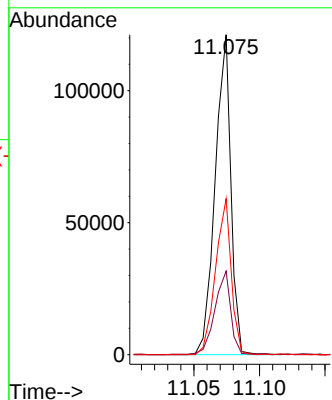
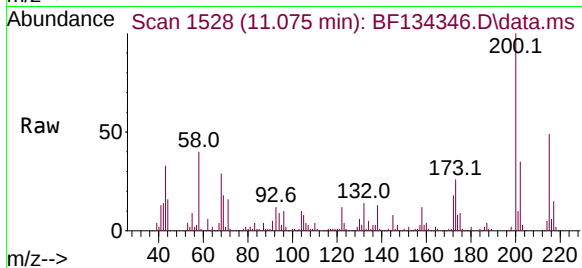
Tgt Ion:200 Resp: 100905

Ion Ratio Lower Upper

200 100

173 26.1 8.0 48.0

215 48.8 29.3 69.3



#70

Pentachlorophenol

Concen: 73.106 ng

RT: 11.180 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

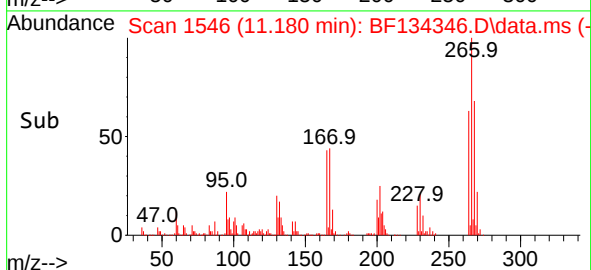
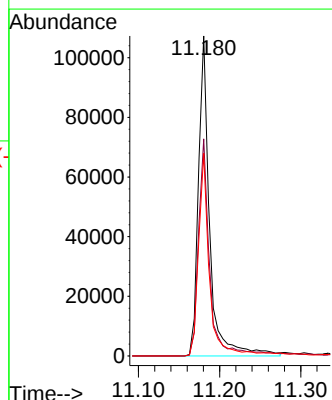
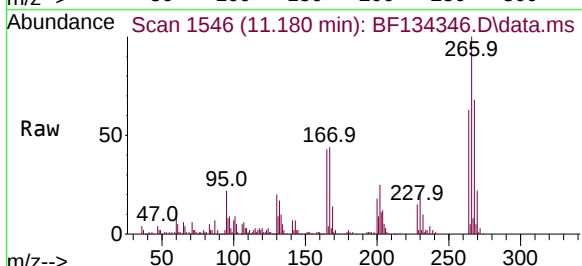
Tgt Ion:266 Resp: 103912

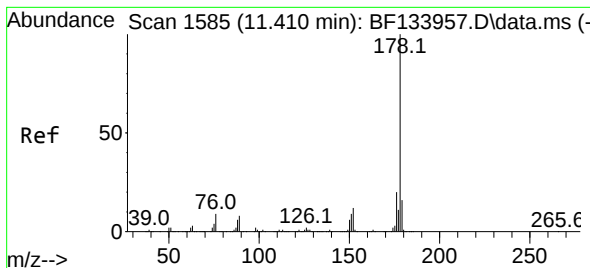
Ion Ratio Lower Upper

266 100

268 67.8 52.6 79.0

264 63.3 50.6 76.0





#71

Phenanthrene

Concen: 45.254 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

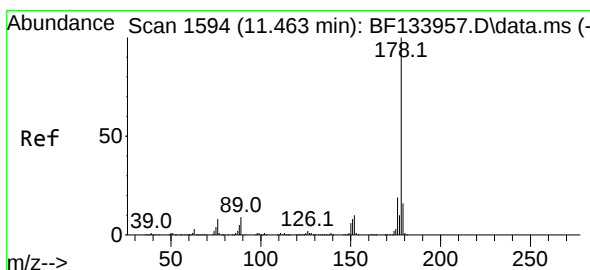
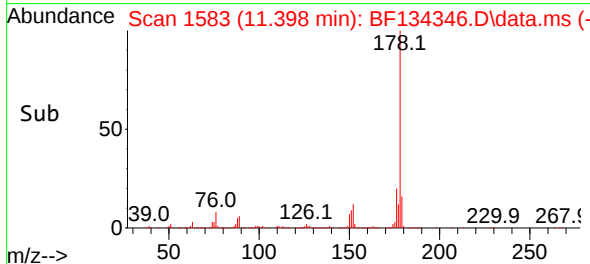
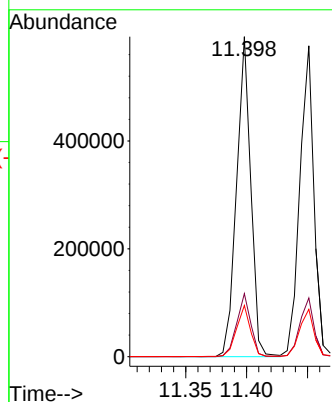
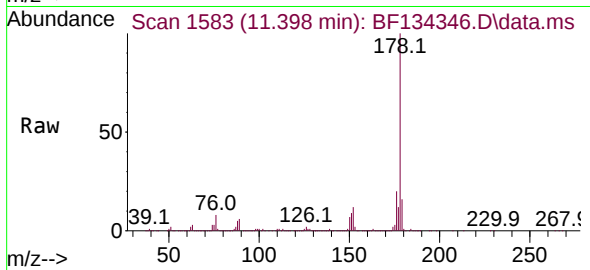
Tgt Ion:178 Resp: 479890

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

179 16.0 12.4 18.6



#72

Anthracene

Concen: 43.027 ng

RT: 11.451 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

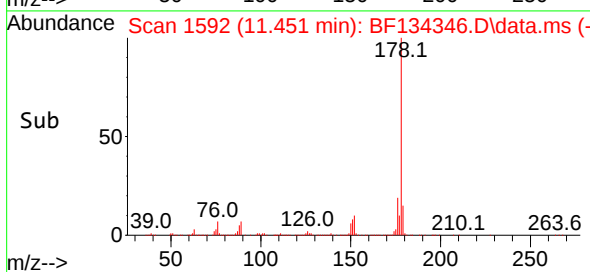
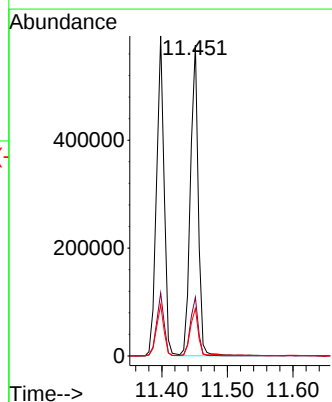
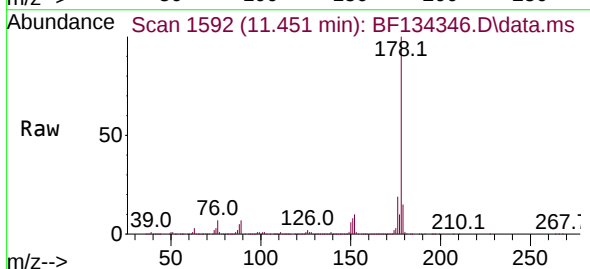
Tgt Ion:178 Resp: 474580

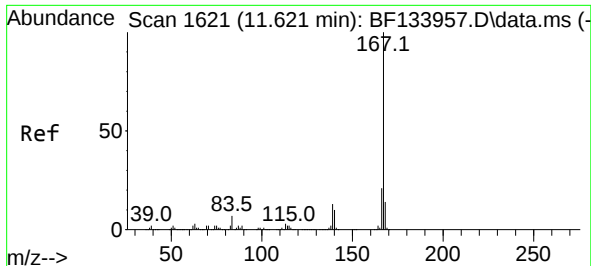
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.3 12.4 18.6

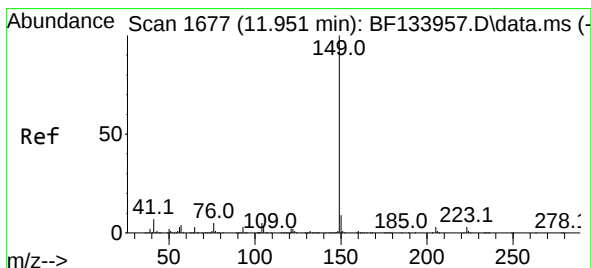
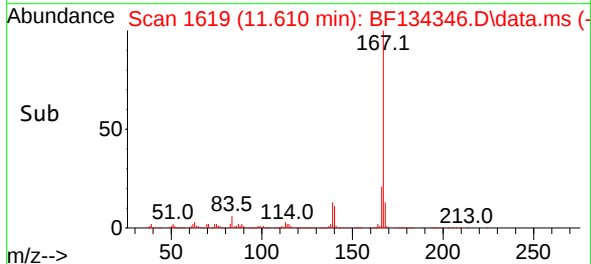
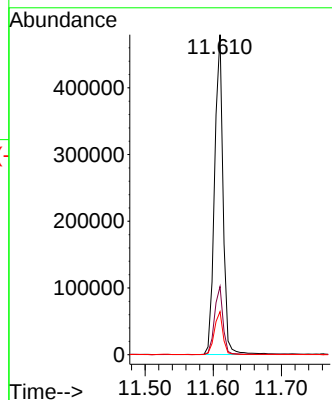
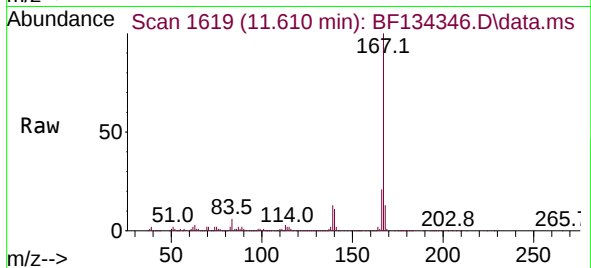




#73
Carbazole
Concen: 41.187 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

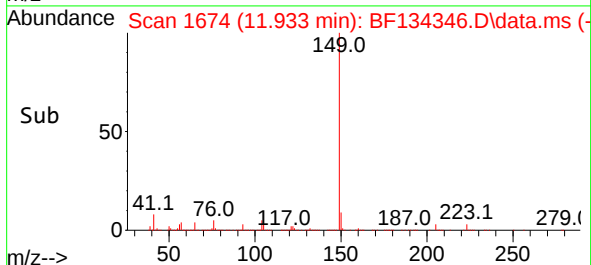
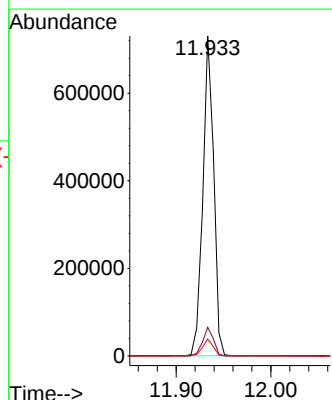
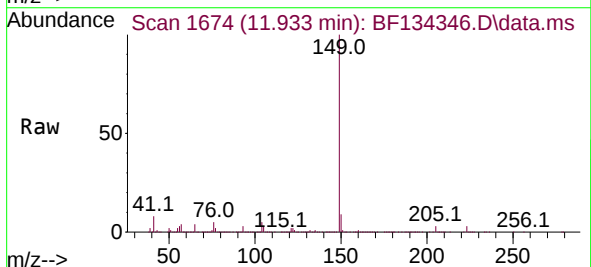
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

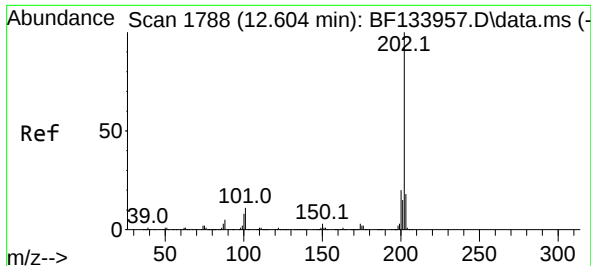
Tgt Ion:167 Resp: 415810
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 13.4 10.4 15.6



#74
Di-n-butylphthalate
Concen: 48.357 ng
RT: 11.933 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:149 Resp: 580556
Ion Ratio Lower Upper
149 100
150 9.0 7.1 10.7
104 5.3 4.0 6.0

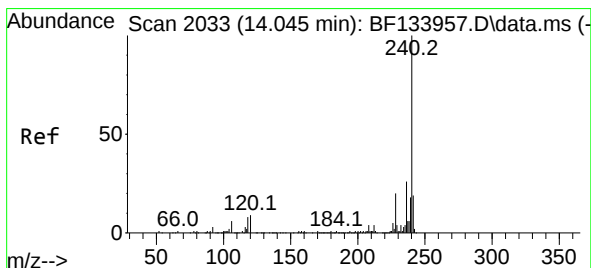
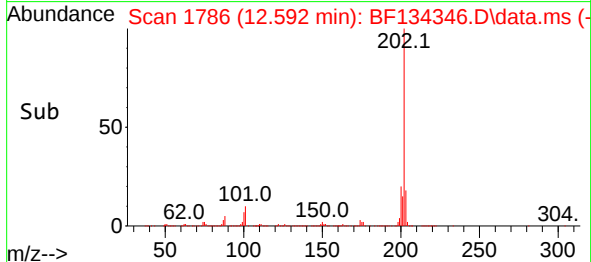
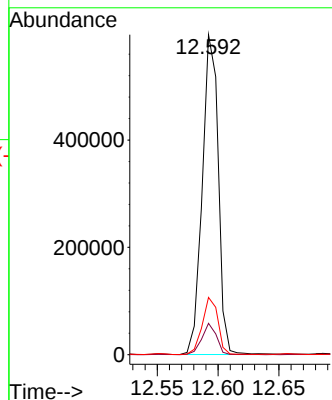
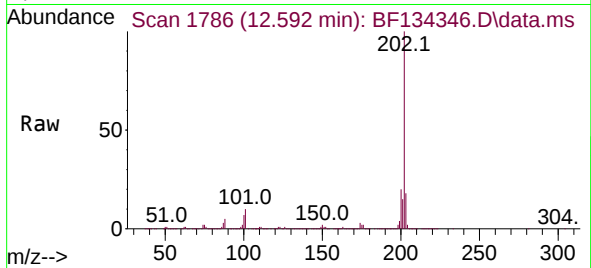




#75
Fluoranthene
Concen: 47.478 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

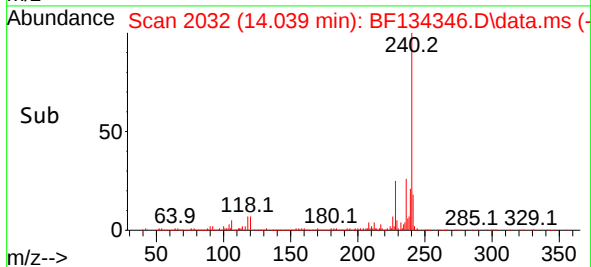
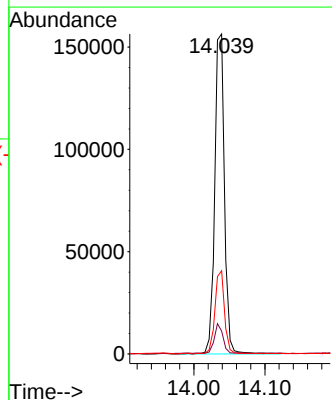
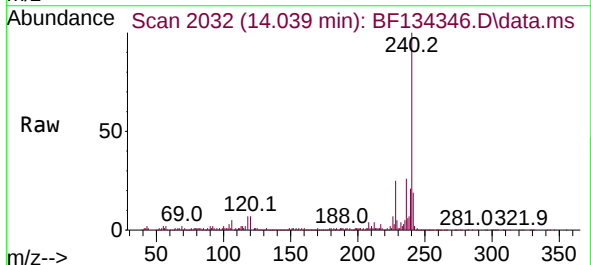
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

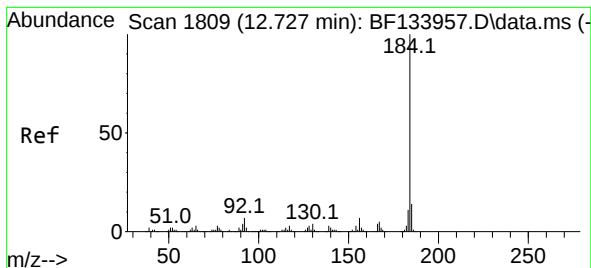
Tgt Ion:202 Resp: 544310
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.0
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:240 Resp: 149260
Ion Ratio Lower Upper
240 100
120 7.1 7.4 11.0#
236 26.0 21.0 31.6





#77

Benzidine

Concen: 57.545 ng

RT: 12.722 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

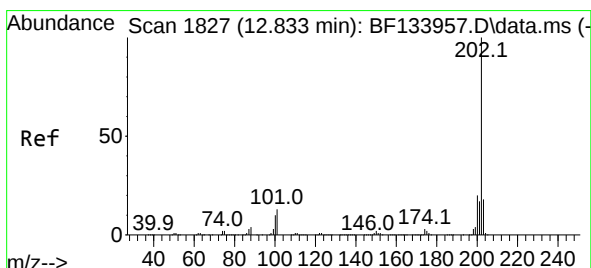
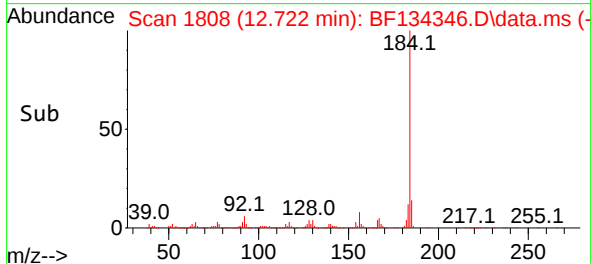
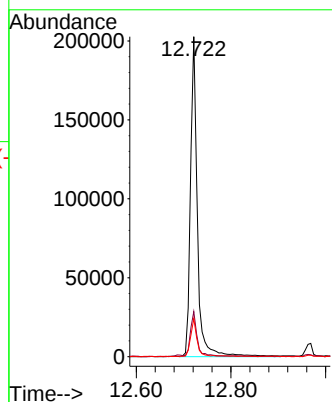
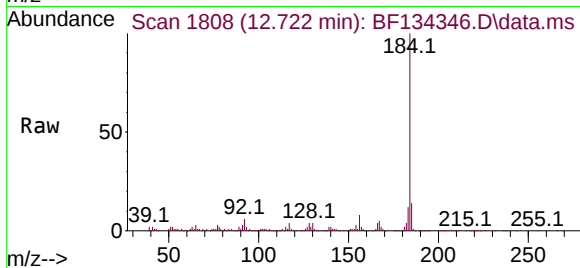
Tgt Ion:184 Resp: 204374

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.9 8.8 13.2



#78

Pyrene

Concen: 38.655 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

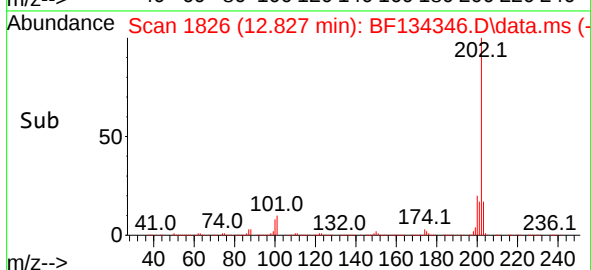
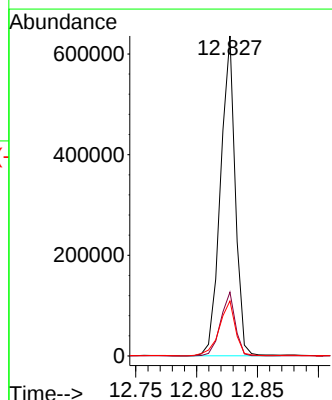
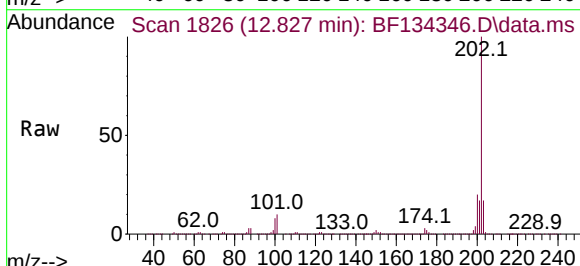
Tgt Ion:202 Resp: 536944

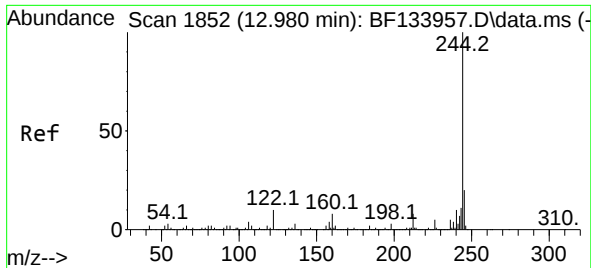
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 17.2 14.3 21.5

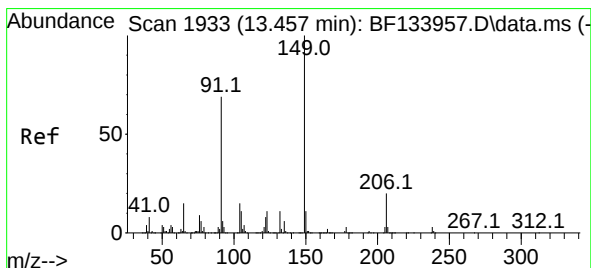
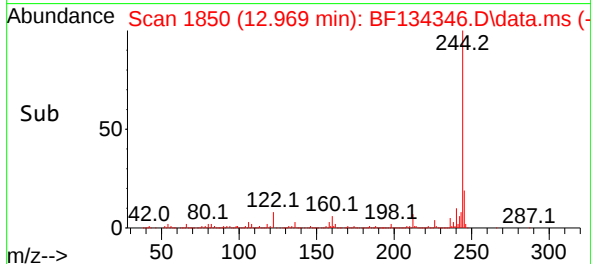
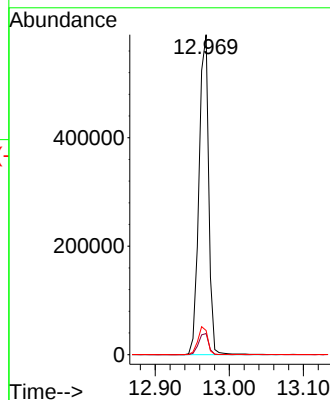
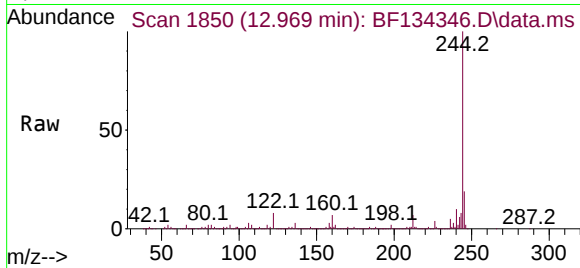




#79
 Terphenyl-d14
 Concen: 57.582 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134346.D
 Acq: 18 Jul 2023 19:44

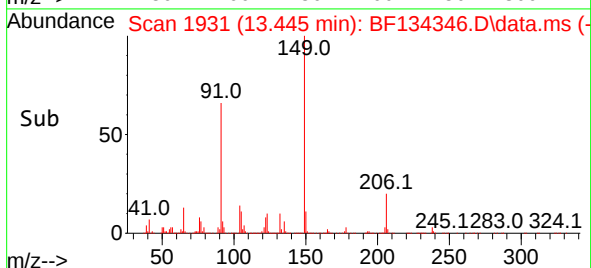
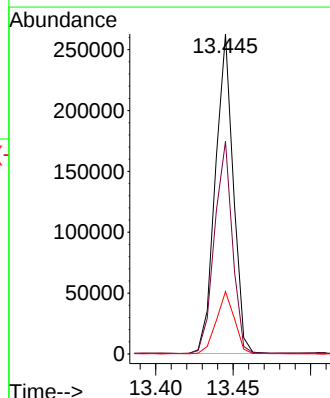
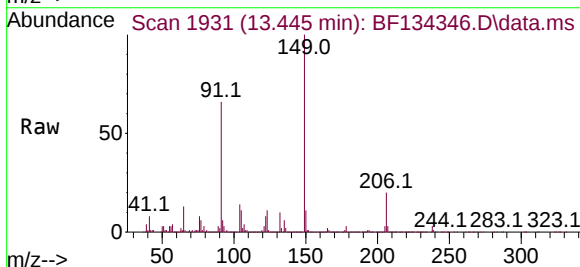
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

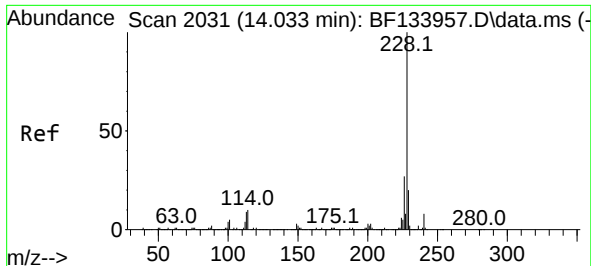
Tgt Ion:244 Resp: 534024
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 7.6 8.3 12.5#



#80
 Butylbenzylphthalate
 Concen: 40.408 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: BF134346.D
 Acq: 18 Jul 2023 19:44

Tgt Ion:149 Resp: 210511
 Ion Ratio Lower Upper
 149 100
 91 66.4 55.1 82.7
 206 19.5 15.7 23.5

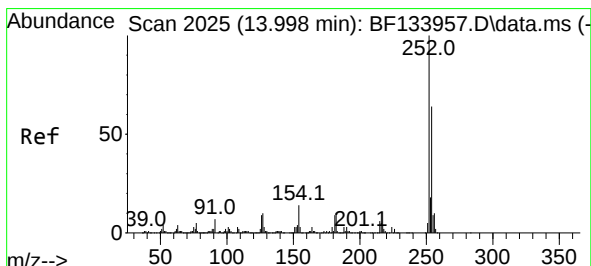
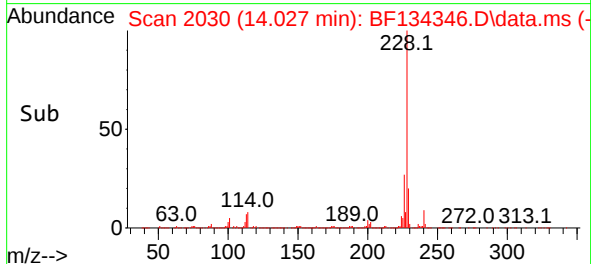
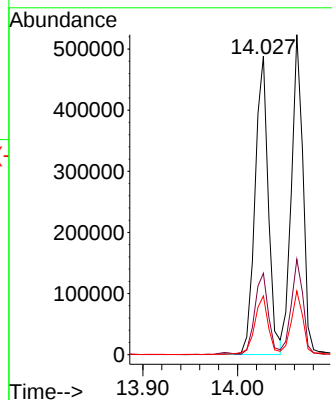
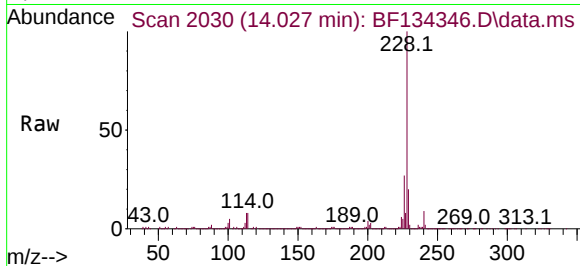




#81
Benzo(a)anthracene
Concen: 46.043 ng
RT: 14.027 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

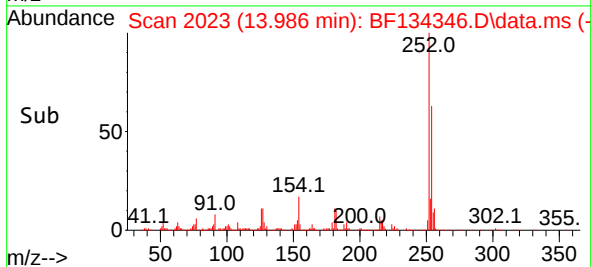
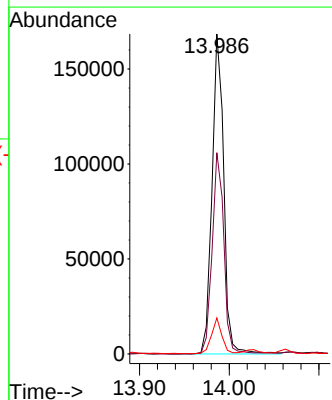
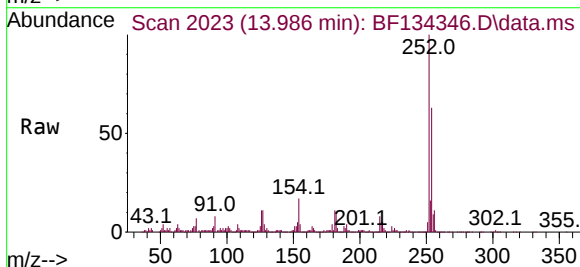
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

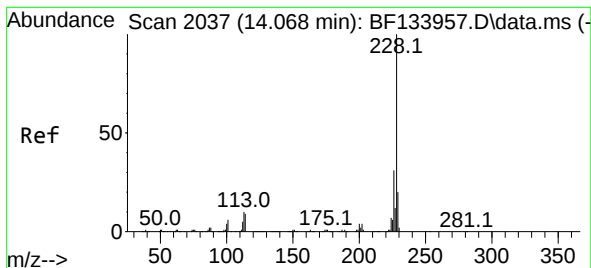
Tgt Ion:228 Resp: 476610
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 19.7 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 46.506 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:252 Resp: 152518
Ion Ratio Lower Upper
252 100
254 62.9 51.4 77.0
126 11.3 7.4 11.2#





#83

Chrysene

Concen: 43.853 ng

RT: 14.063 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

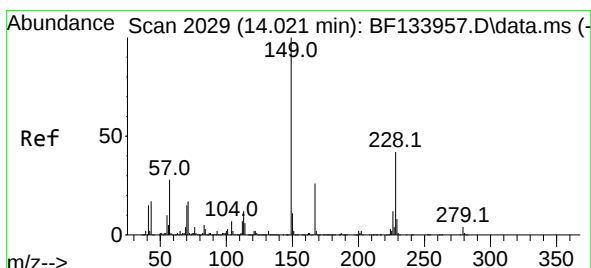
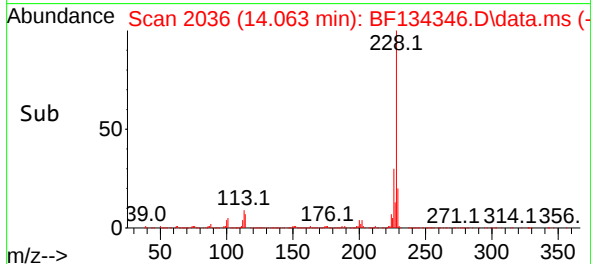
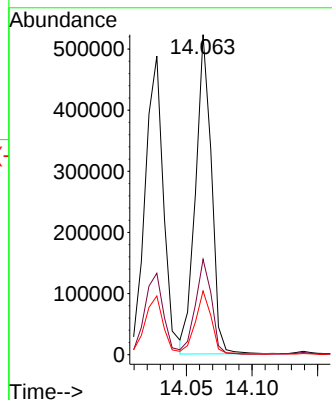
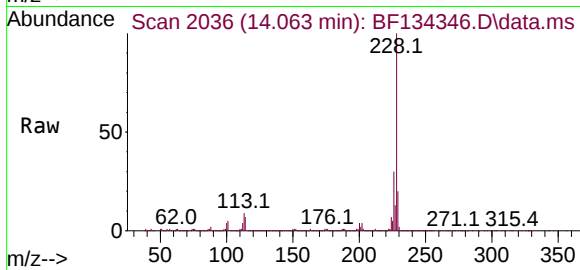
Tgt Ion:228 Resp: 439669

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.132 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

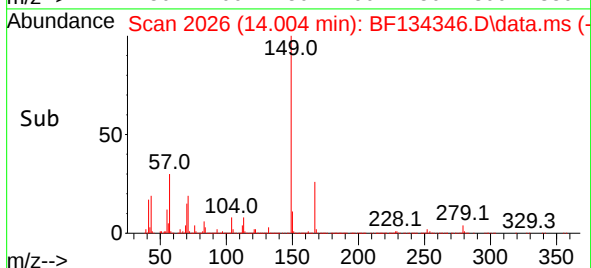
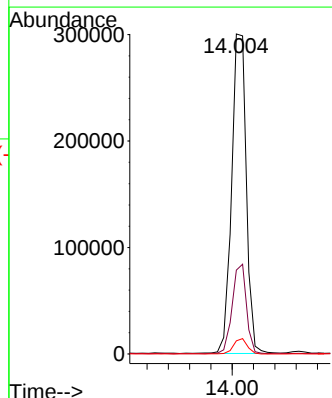
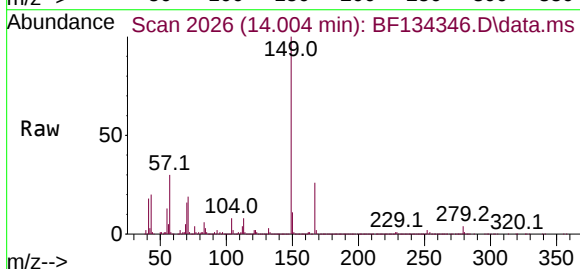
Tgt Ion:149 Resp: 288127

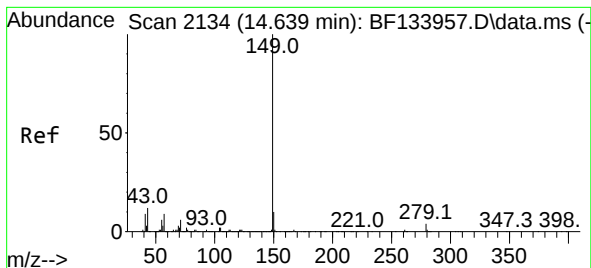
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 54.919 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

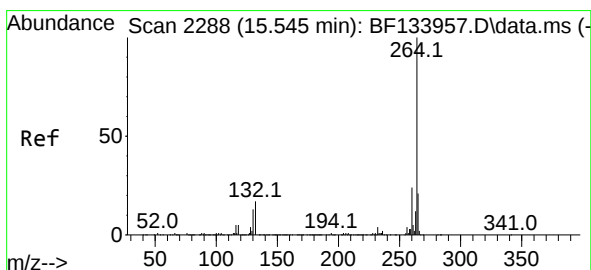
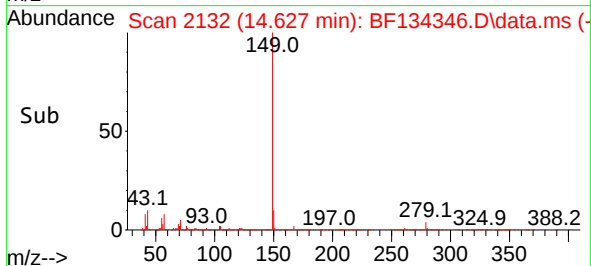
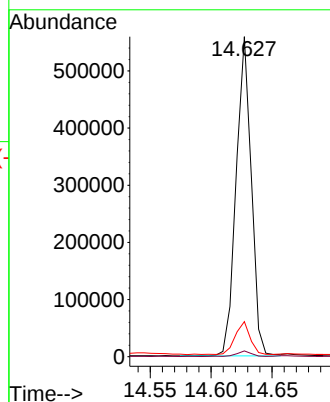
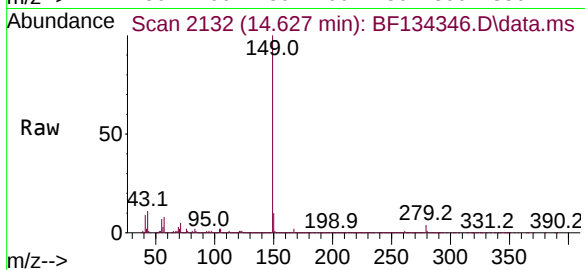
Tgt Ion:149 Resp: 483065

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.1 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

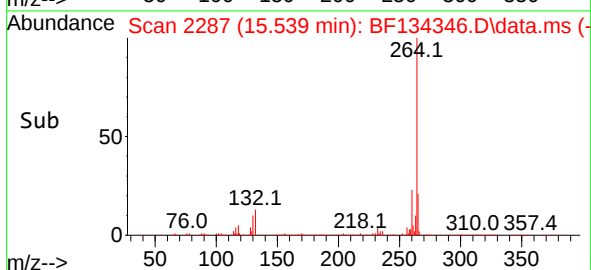
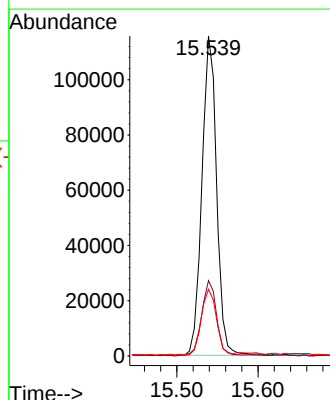
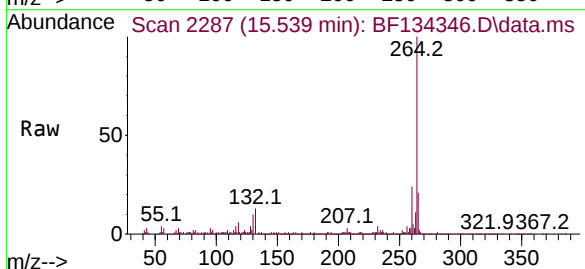
Tgt Ion:264 Resp: 145097

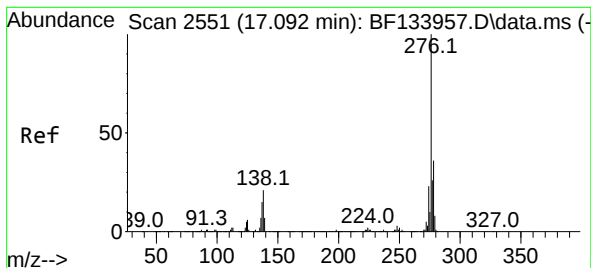
Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.499 ng

RT: 17.098 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

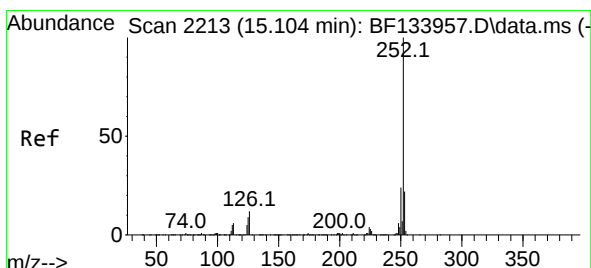
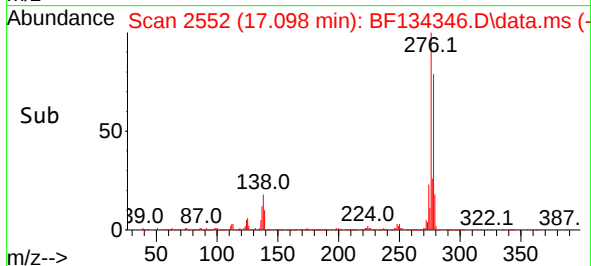
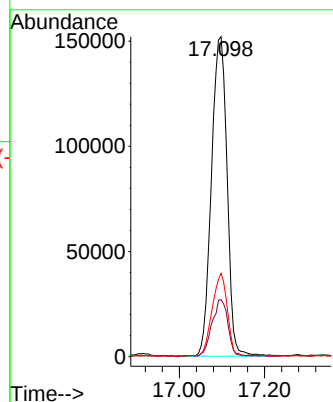
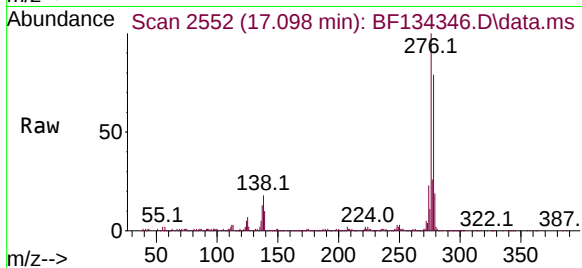
Tgt Ion:276 Resp: 387624

Ion Ratio Lower Upper

276 100

138 17.9 18.7 28.1#

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 51.561 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

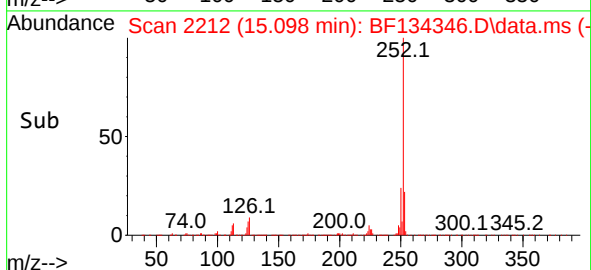
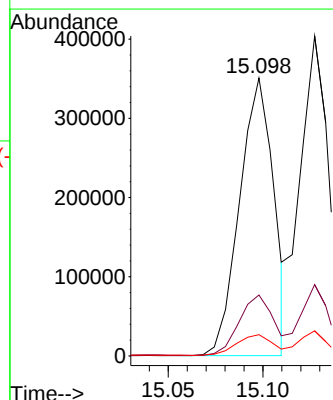
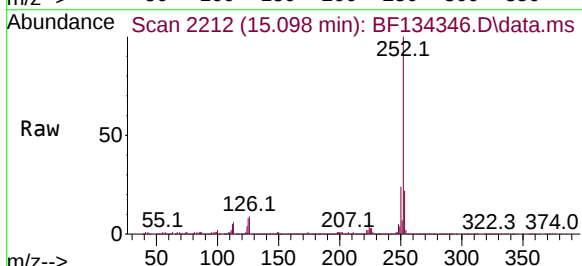
Tgt Ion:252 Resp: 439913

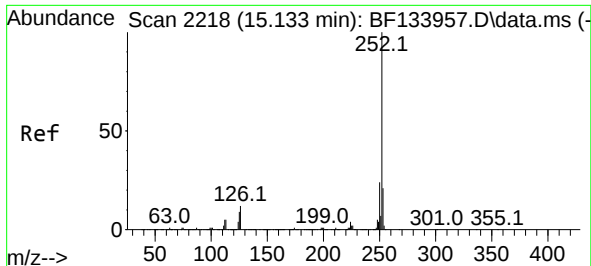
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 7.7 7.1 10.7

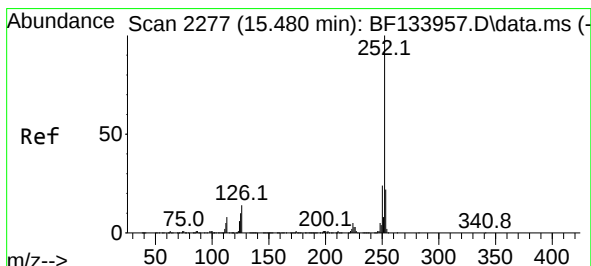
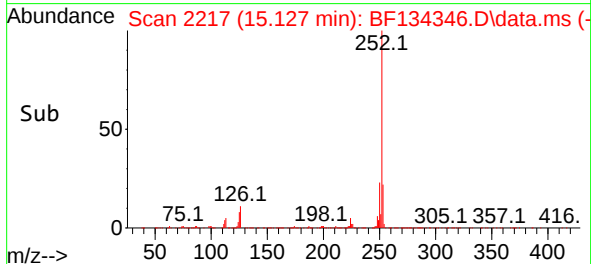
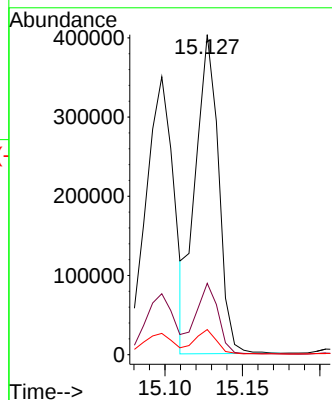
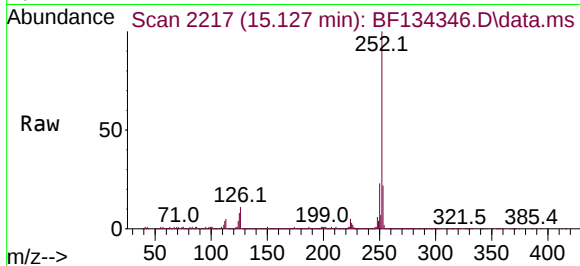




#89
Benzo(k)fluoranthene
Concen: 48.053 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

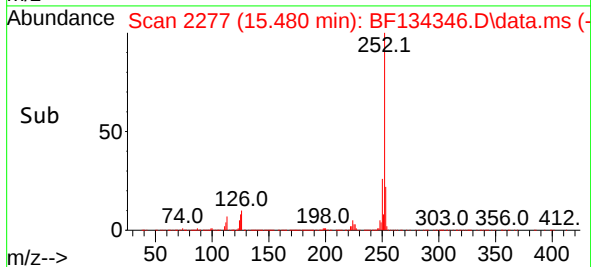
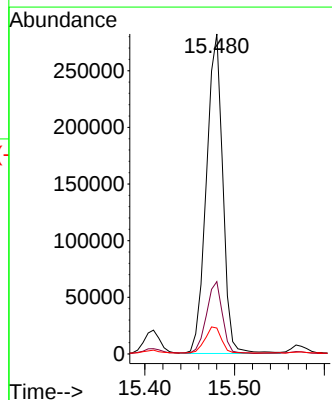
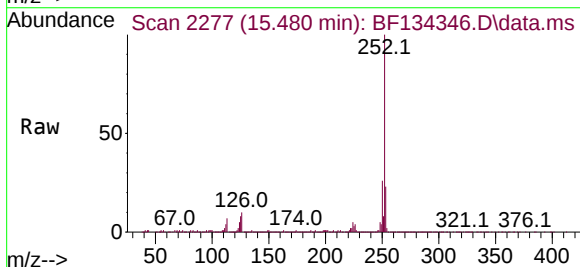
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

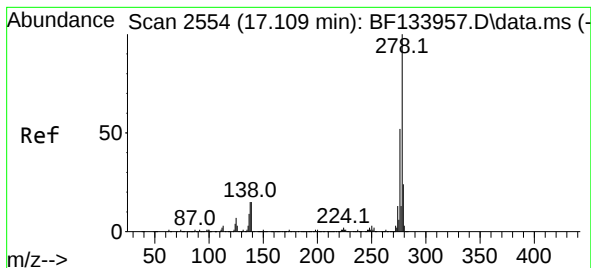
Tgt Ion:252 Resp: 417421
Ion Ratio Lower Upper
252 100
253 22.3 16.9 25.3
125 7.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 43.362 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF134346.D
Acq: 18 Jul 2023 19:44

Tgt Ion:252 Resp: 357748
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 8.1 8.4 12.6#





#91

Dibenzo(a,h)anthracene

Concen: 37.800 ng

RT: 17.110 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

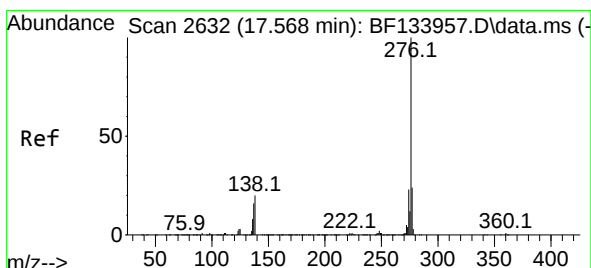
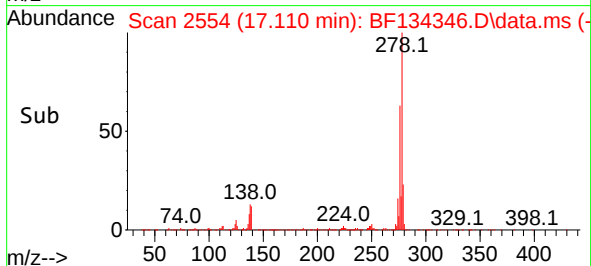
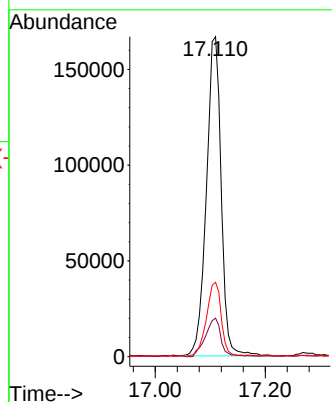
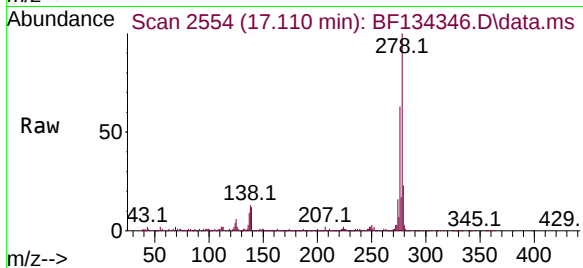
Tgt Ion:278 Resp: 310856

Ion Ratio Lower Upper

278 100

139 12.1 12.2 18.4#

279 23.3 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 35.188 ng

RT: 17.568 min Scan# 2632

Delta R.T. 0.000 min

Lab File: BF134346.D

Acq: 18 Jul 2023 19:44

Tgt Ion:276 Resp: 298418

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.6

138 15.2 16.2 24.2#

