

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138522.D
 Acq On : 11 Jul 2024 14:40
 Operator : CG\JU
 Sample : P3183-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226MS

Quant Time: Jul 11 19:25:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	86617	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	344587	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	186910	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	296380	20.000	ng	0.00
76) Chrysene-d12	14.021	240	165443	20.000	ng	0.00
86) Perylene-d12	15.486	264	181401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	817408	149.460	ng	0.02
7) Phenol-d6	6.510	99	1061413	145.889	ng	0.00
23) Nitrobenzene-d5	7.434	82	715180	101.901	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	260564	149.161	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1238093	103.527	ng	0.00
79) Terphenyl-d14	12.969	244	1055600	103.945	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.881	88	112888	46.605	ng	# 80
3) Pyridine	3.575	79	200219	33.518	ng	99
4) n-Nitrosodimethylamine	3.516	42	218386	56.161	ng	91
6) Aniline	6.534	93	171042	25.099	ng	# 86
8) 2-Chlorophenol	6.657	128	341082	58.980	ng	98
9) Benzaldehyde	6.422	77	19605	5.034	ng	94
10) Phenol	6.522	94	422380	54.694	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	332657	57.213	ng	98
12) 1,3-Dichlorobenzene	6.810	146	342440	52.680	ng	98
13) 1,4-Dichlorobenzene	6.887	146	346385	52.475	ng	99
14) 1,2-Dichlorobenzene	7.034	146	330452	53.750	ng	98
15) Benzyl Alcohol	7.010	79	323219	59.197	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	629255	55.034	ng	95
17) 2-Methylphenol	7.128	107	273509	57.708	ng	# 93
18) Hexachloroethane	7.375	117	130077	53.603	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	256756	57.113	ng	97
20) 3+4-Methylphenols	7.275	107	333828	55.934	ng	89
22) Acetophenone	7.275	105	430800	51.475	ng	# 96
24) Nitrobenzene	7.451	77	387740	54.364	ng	95
25) Isophorone	7.687	82	709478	58.864	ng	100
26) 2-Nitrophenol	7.763	139	183496	60.027	ng	94
27) 2,4-Dimethylphenol	7.804	122	242110	64.441	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	418613	58.115	ng	98
29) 2,4-Dichlorophenol	8.010	162	289936	59.426	ng	96
30) 1,2,4-Trichlorobenzene	8.087	180	300190	52.817	ng	99
31) Naphthalene	8.169	128	975761	54.447	ng	99
32) Benzoic acid	7.939	122	190686	53.214	ng	96
33) 4-Chloroaniline	8.216	127	91320	14.523	ng	97
34) Hexachlorobutadiene	8.281	225	183602	52.459	ng	99
35) Caprolactam	8.598	113	45851	29.124	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	313630	57.420	ng	98
37) 2-Methylnaphthalene	8.857	142	644341	55.870	ng	100
38) 1-Methylnaphthalene	8.957	142	593063	52.691	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	277873	53.342	ng	98
41) Hexachlorocyclopentadiene	9.010	237	280215	165.725	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	199499	60.037	ng	98

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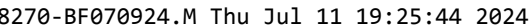
Instrument :
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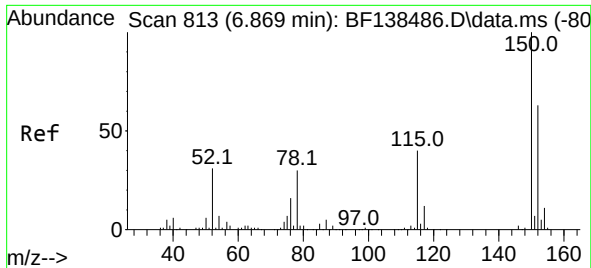
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	212086	58.029	ng	# 94
46) 1,1'-Biphenyl	9.322	154	766633	54.122	ng	99
47) 2-Chloronaphthalene	9.351	162	606483	56.676	ng	99
48) 2-Nitroaniline	9.445	65	208601	56.254	ng	93
49) Acenaphthylene	9.769	152	940738	61.920	ng	99
50) Dimethylphthalate	9.628	163	734230	60.751	ng	100
51) 2,6-Dinitrotoluene	9.692	165	155771	55.977	ng	99
52) Acenaphthene	9.939	154	570155	56.456	ng	99
53) 3-Nitroaniline	9.857	138	62602	21.949	ng	96
54) 2,4-Dinitrophenol	9.969	184	151875	100.427	ng	90
55) Dibenzofuran	10.110	168	839856	57.335	ng	99
56) 4-Nitrophenol	10.033	139	208187	98.926	ng	88
57) 2,4-Dinitrotoluene	10.092	165	205127	56.972	ng	99
58) Fluorene	10.451	166	647310	55.849	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	172180	59.694	ng	99
60) Diethylphthalate	10.328	149	686308	58.904	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	327923	56.343	ng	95
62) 4-Nitroaniline	10.475	138	132509	46.363	ng	99
63) Azobenzene	10.604	77	724297	57.820	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	112034	65.466	ng	# 77
66) n-Nitrosodiphenylamine	10.563	169	553971	62.386	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	189942	62.353	ng	94
68) Hexachlorobenzene	10.998	284	206294	60.959	ng	# 92
69) Atrazine	11.086	200	148453	50.425	ng	99
70) Pentachlorophenol	11.192	266	222604	111.164	ng	98
71) Phenanthrene	11.416	178	885846	59.161	ng	100
72) Anthracene	11.463	178	891622	59.987	ng	99
73) Carbazole	11.622	167	712553	53.345	ng	99
74) Di-n-butylphthalate	11.945	149	1012530	65.763	ng	99
75) Fluoranthene	12.598	202	795196	52.046	ng	98
77) Benzidine	12.716	184	20371	4.880	ng	98
78) Pyrene	12.827	202	786603	46.836	ng	99
80) Butylbenzylphthalate	13.445	149	349519	69.182	ng	96
81) Benzo(a)anthracene	14.010	228	657637	59.240	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	93812	32.796	ng	100
83) Chrysene	14.051	228	622322	59.258	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	497660	92.361	ng	99
85) Di-n-octyl phthalate	14.610	149	822614	96.641	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	523357	42.952	ng	100
88) Benzo(b)fluoranthene	15.063	252	632475	61.910	ng	99
89) Benzo(k)fluoranthene	15.092	252	621416	62.369	ng	99
90) Benzo(a)pyrene	15.427	252	568499	63.347	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	428200	42.961	ng	98
92) Benzo(g,h,i)perylene	17.398	276	370057	35.013	ng	96

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

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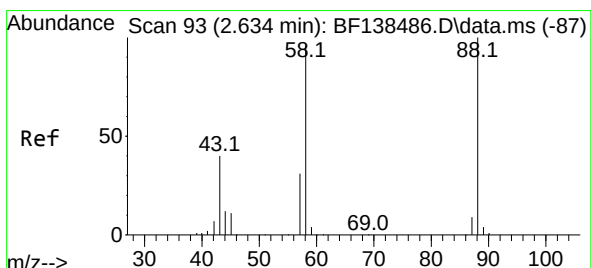
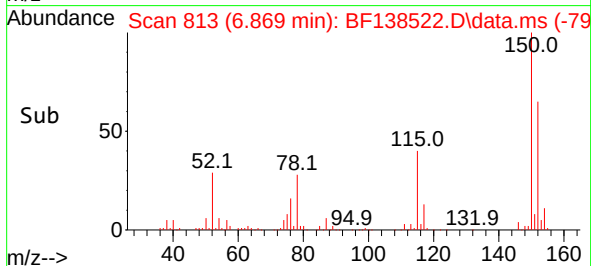
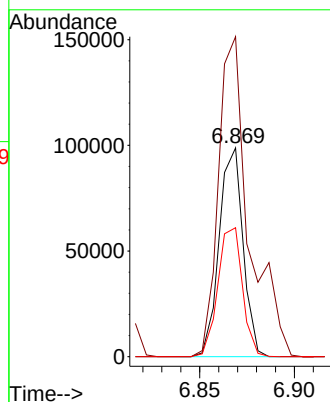
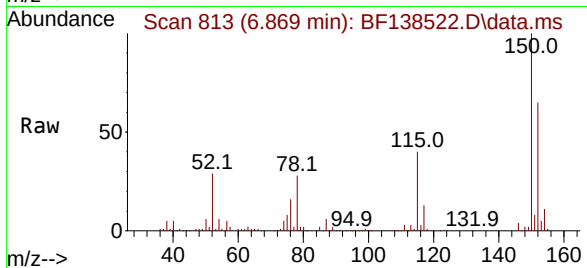




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF138522.D
 Acq: 11 Jul 2024 14:40

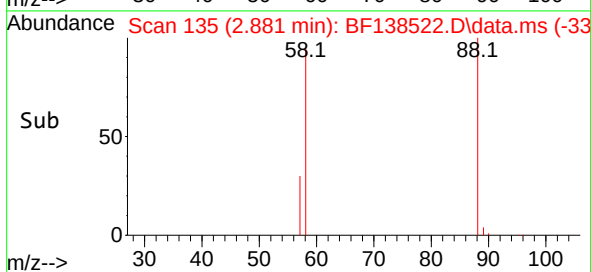
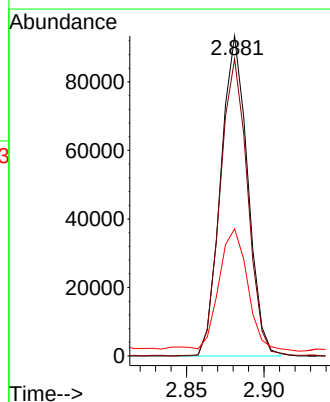
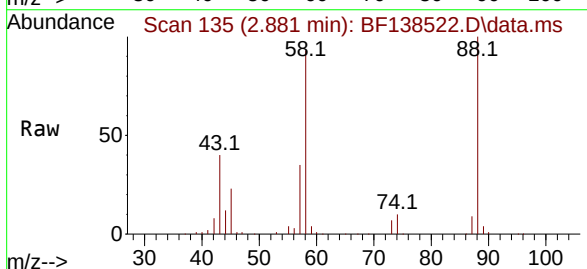
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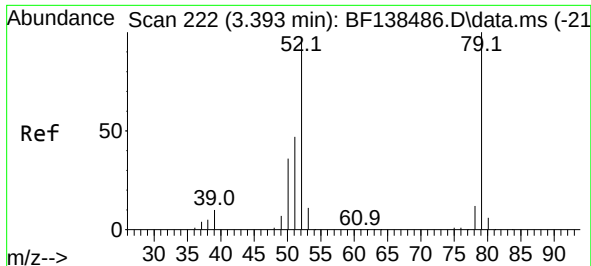
Tgt Ion:152 Resp: 86617
 Ion Ratio Lower Upper
 152 100
 150 153.3 126.2 189.4
 115 61.8 50.3 75.5



#2
 1,4-Dioxane
 Concen: 46.605 ng
 RT: 2.881 min Scan# 135
 Delta R.T. 0.247 min
 Lab File: BF138522.D
 Acq: 11 Jul 2024 14:40

Tgt Ion: 88 Resp: 112888
 Ion Ratio Lower Upper
 88 100
 58 94.1 74.6 112.0
 43 0.0 31.8 47.6#





#3

Pyridine

Concen: 33.518 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.182 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

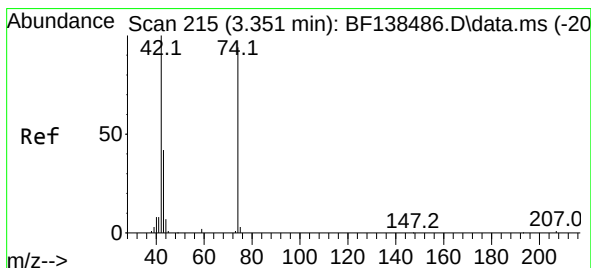
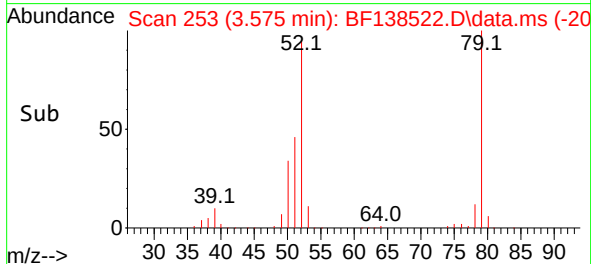
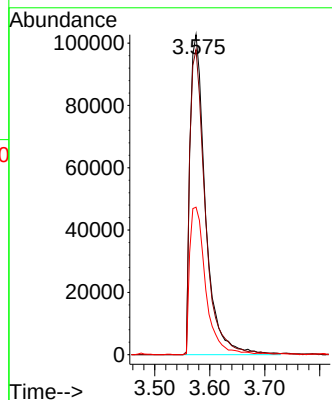
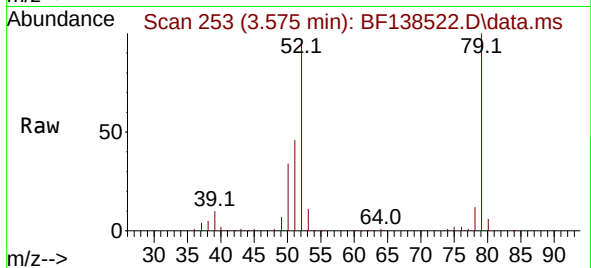
Tgt Ion: 79 Resp: 200219

Ion Ratio Lower Upper

79 100

52 95.4 77.4 116.2

51 46.1 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 56.161 ng

RT: 3.516 min Scan# 243

Delta R.T. 0.165 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

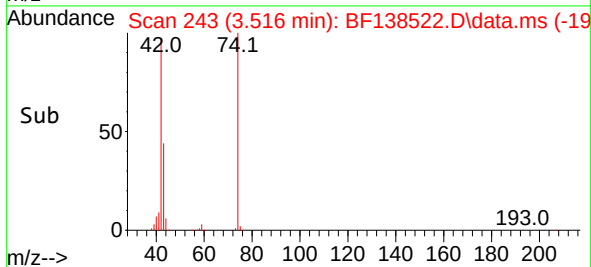
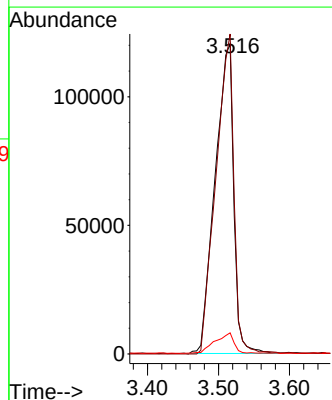
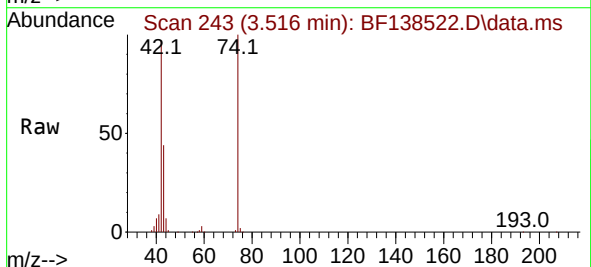
Tgt Ion: 42 Resp: 218386

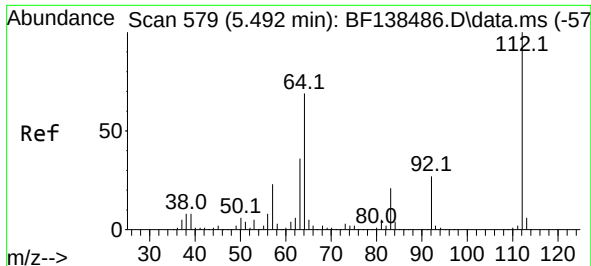
Ion Ratio Lower Upper

42 100

74 103.2 75.0 112.6

44 6.8 5.4 8.2

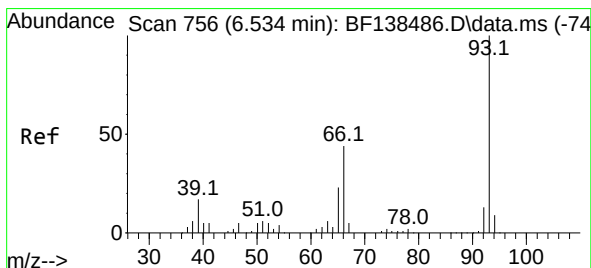
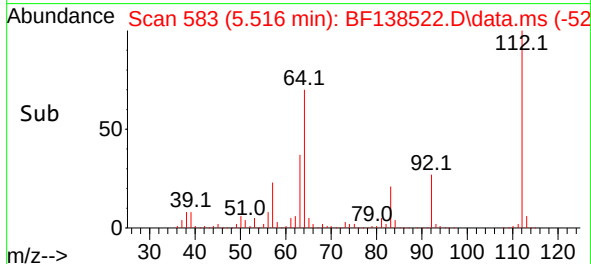
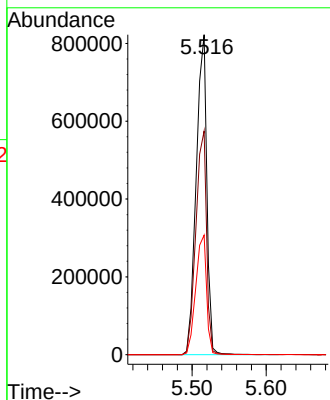
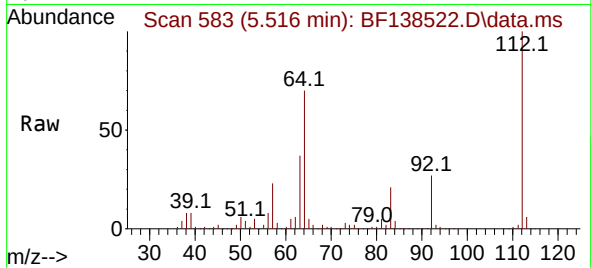




#5
2-Fluorophenol
Concen: 149.460 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

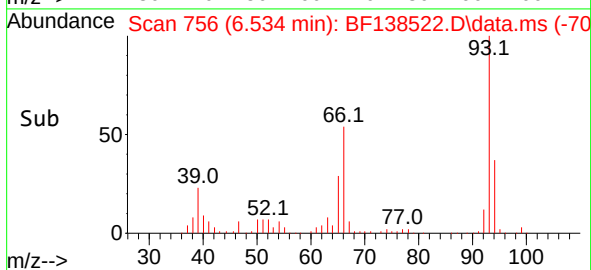
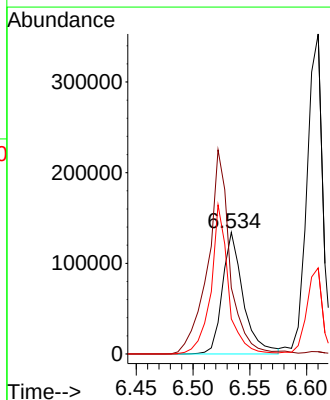
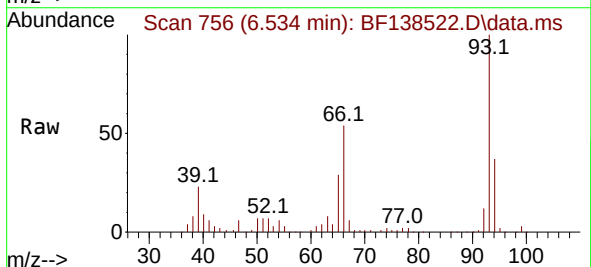
Instrument :
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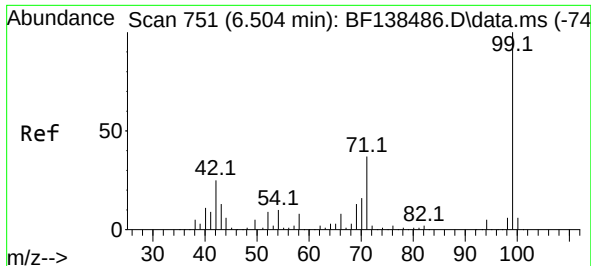
Tgt Ion:112 Resp: 817408
Ion Ratio Lower Upper
112 100
64 69.9 55.1 82.7
63 37.3 29.0 43.6



#6
Aniline
Concen: 25.099 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion: 93 Resp: 171042
Ion Ratio Lower Upper
93 100
66 54.4 35.4 53.0#
65 28.9 18.6 27.8#





#7

Phenol-d6

Concen: 145.889 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

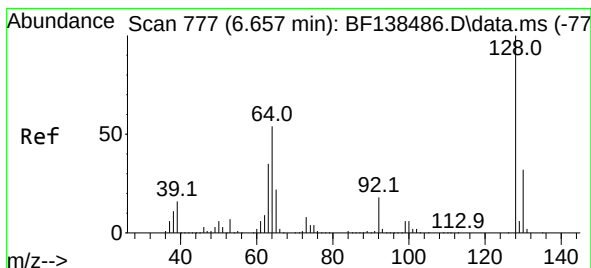
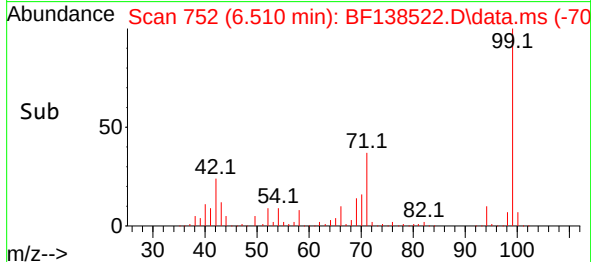
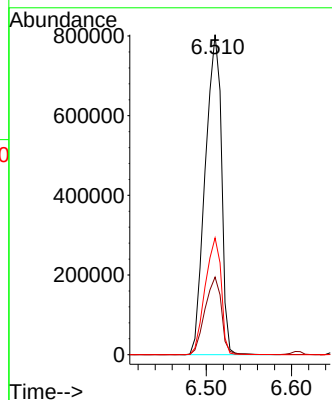
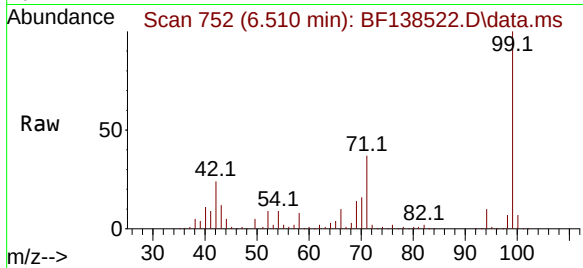
BNA_F

ClientSampleId :

VNJ-226MS

Tgt Ion: 99 Resp: 1061413

Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.7	29.5
71	36.5	29.9	44.9



#8

2-Chlorophenol

Concen: 58.980 ng

RT: 6.657 min Scan# 777

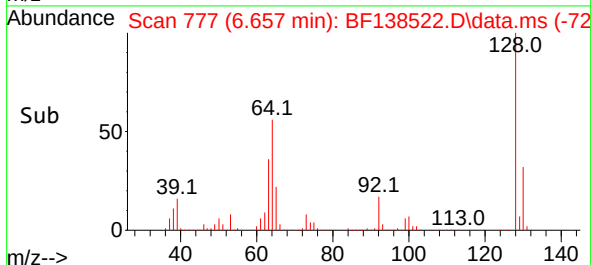
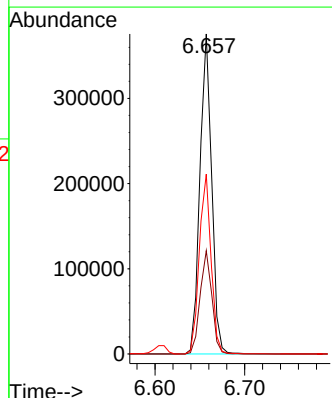
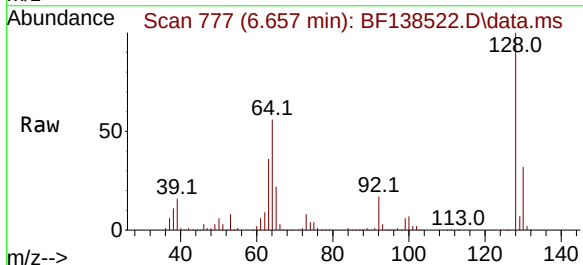
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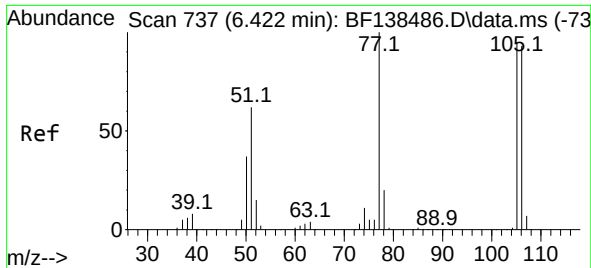
Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Tgt Ion:128 Resp: 341082

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.1	52.1
64	56.2	34.4	74.4





#9

Benzaldehyde

Concen: 5.034 ng

RT: 6.422 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

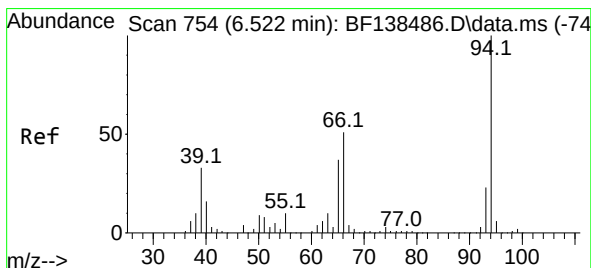
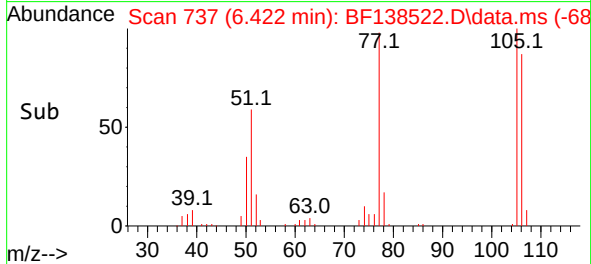
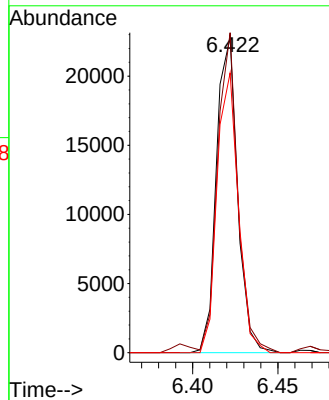
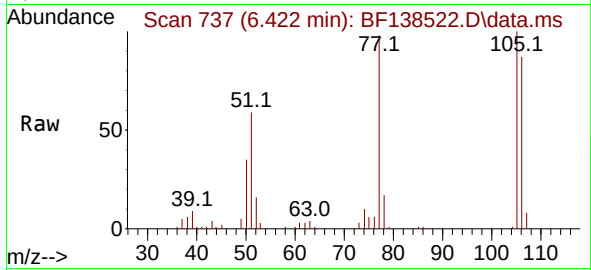
Tgt Ion: 77 Resp: 19605

Ion Ratio Lower Upper

77 100

105 101.5 75.1 115.1

106 88.8 73.2 113.2



#10

Phenol

Concen: 54.694 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

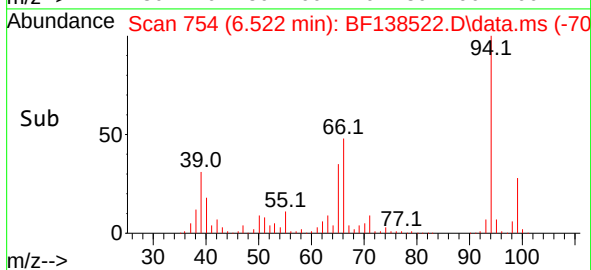
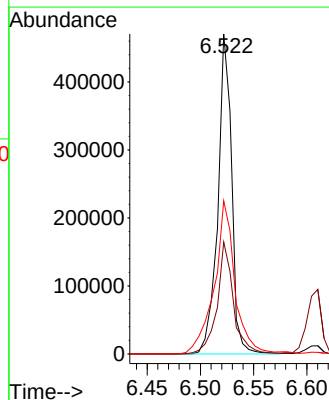
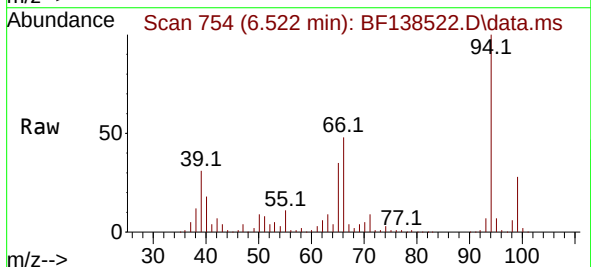
Tgt Ion: 94 Resp: 422380

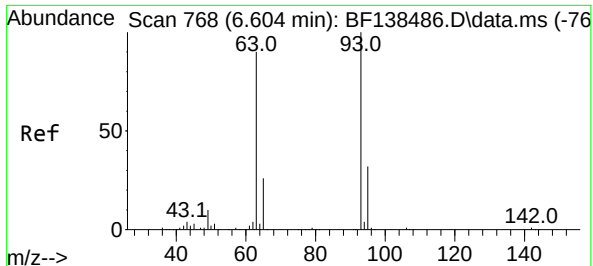
Ion Ratio Lower Upper

94 100

65 35.0 16.7 56.7

66 47.9 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 57.213 ng

RT: 6.610 min Scan# 768

Delta R.T. 0.006 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

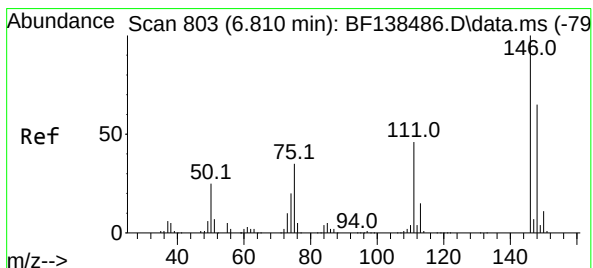
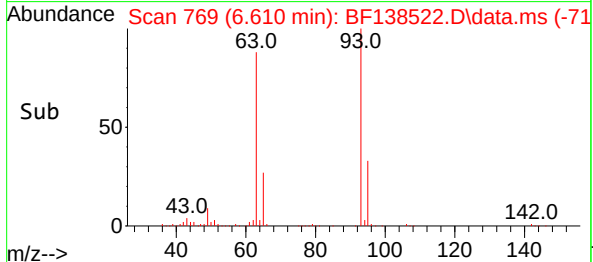
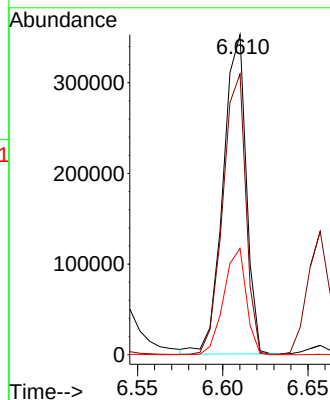
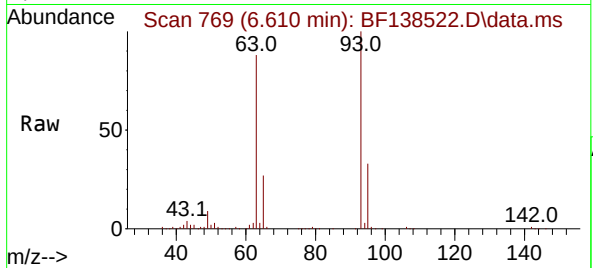
Tgt Ion: 93 Resp: 332657

Ion Ratio Lower Upper

93 100

63 87.7 68.8 108.8

95 33.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 52.680 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

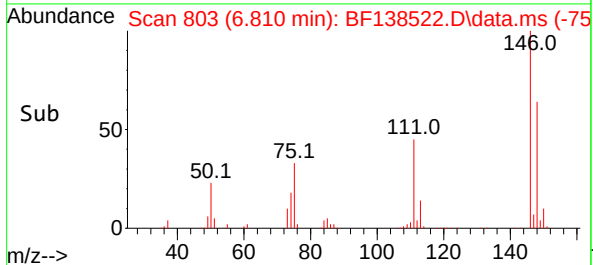
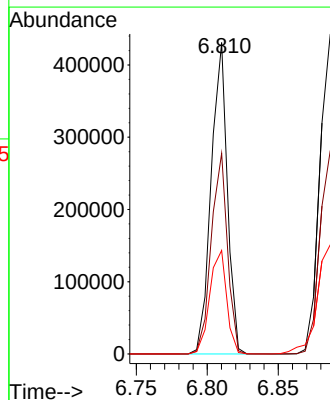
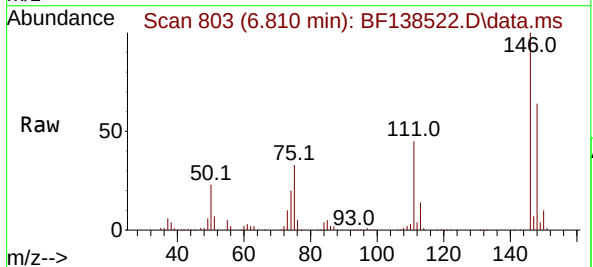
Tgt Ion: 146 Resp: 342440

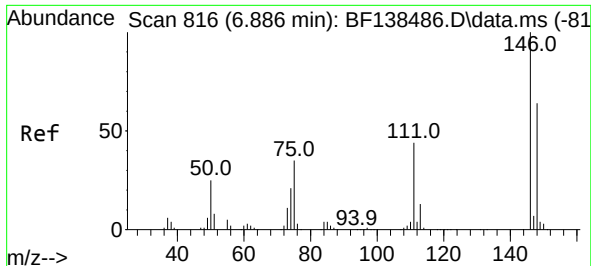
Ion Ratio Lower Upper

146 100

148 64.4 52.4 78.6

75 33.2 27.8 41.8

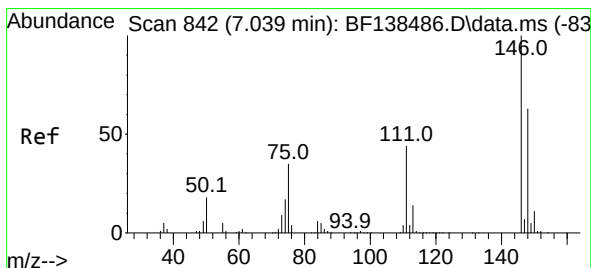
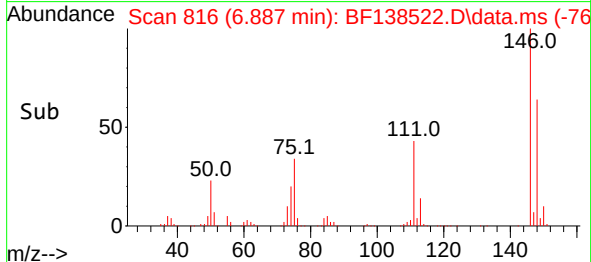
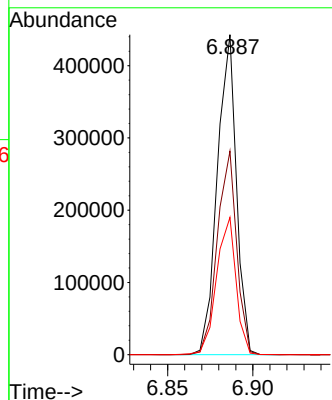
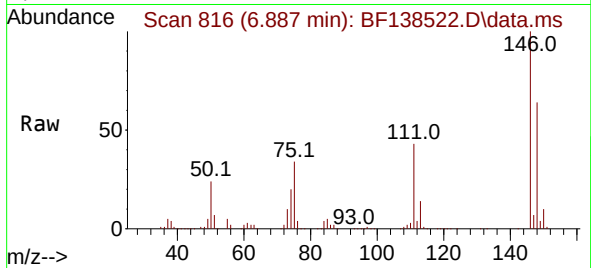




#13
1,4-Dichlorobenzene
Concen: 52.475 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

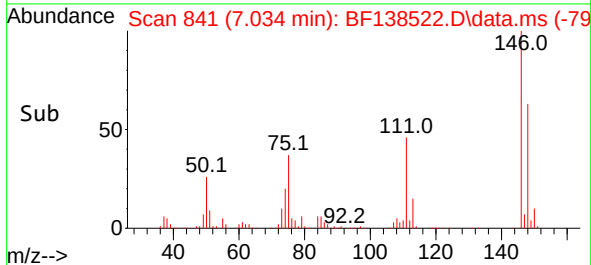
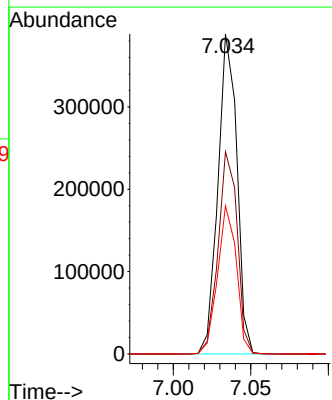
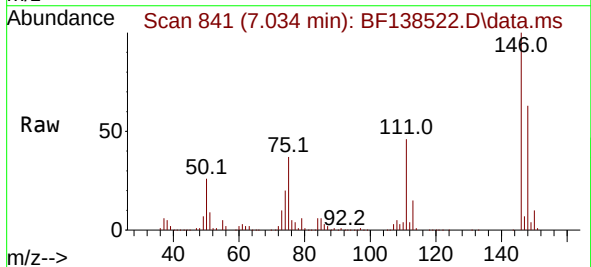
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

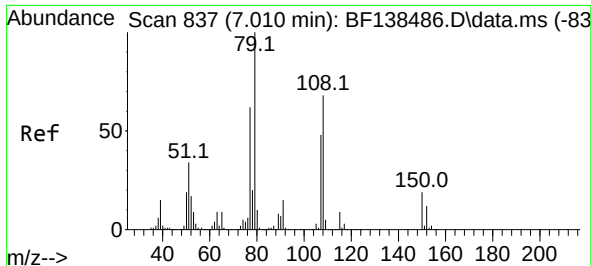
Tgt Ion:146 Resp: 346385
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 42.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 53.750 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:146 Resp: 330452
Ion Ratio Lower Upper
146 100
148 63.2 50.1 75.1
111 46.3 35.5 53.3

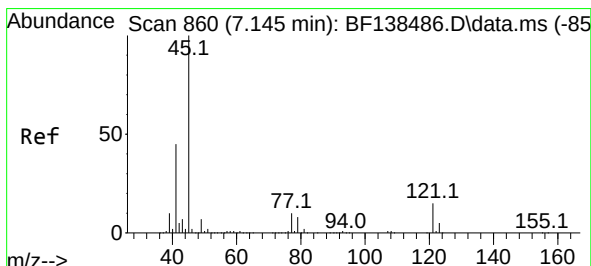
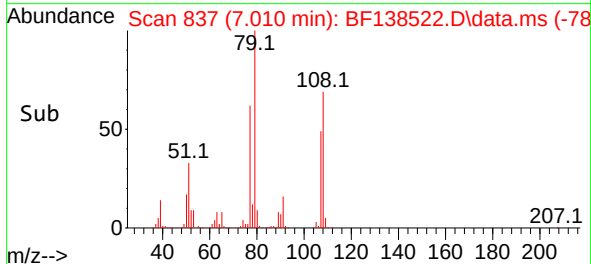
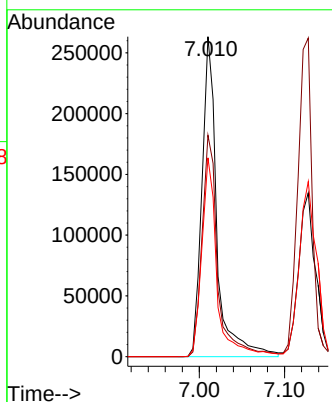
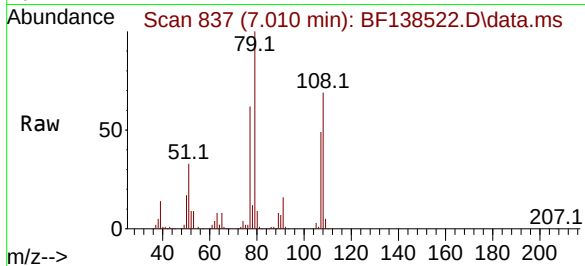




#15
Benzyl Alcohol
Concen: 59.197 ng
RT: 7.010 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

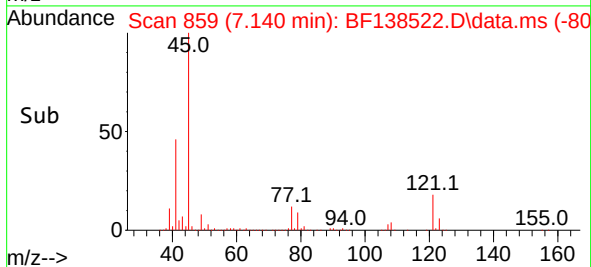
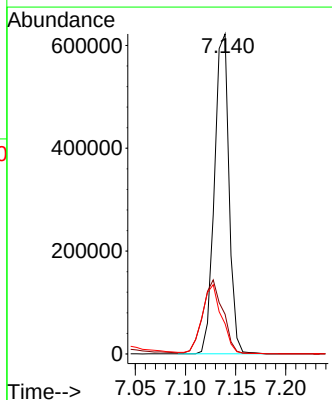
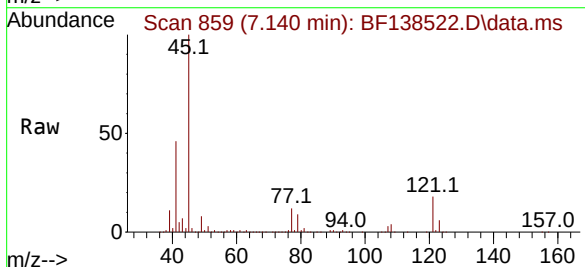
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

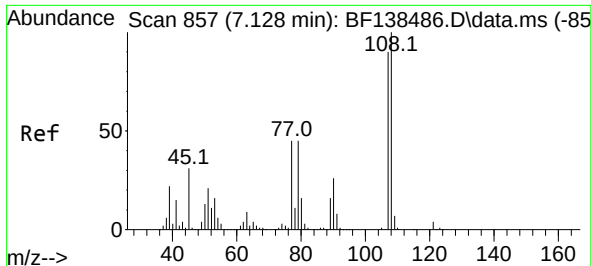
Tgt Ion: 79 Resp: 323219
Ion Ratio Lower Upper
79 100
108 69.2 54.3 81.5
77 62.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.034 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion: 45 Resp: 629255
Ion Ratio Lower Upper
45 100
77 12.4 0.0 30.4
79 9.5 0.0 28.1

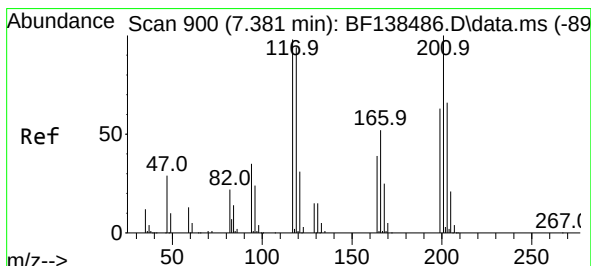
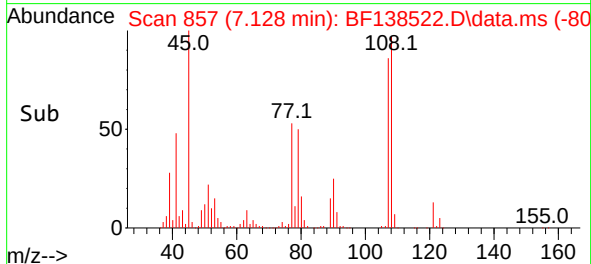
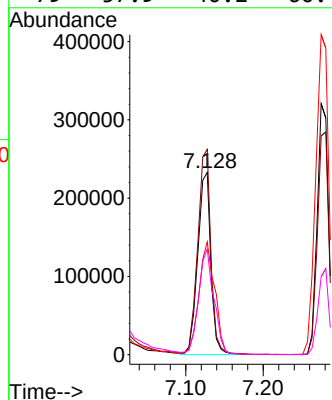
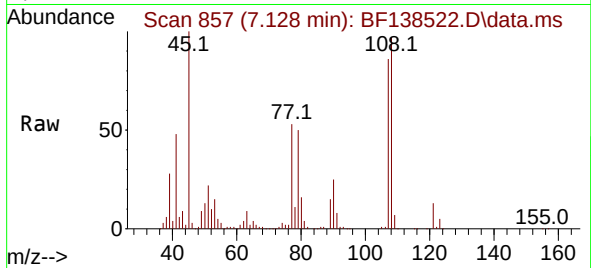




#17
2-Methylphenol
Concen: 57.708 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

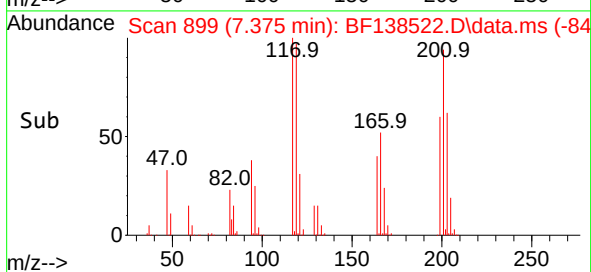
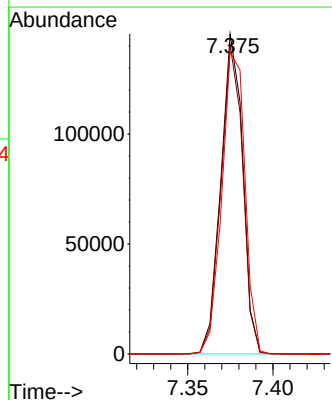
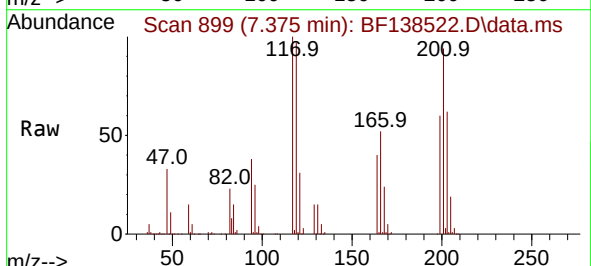
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

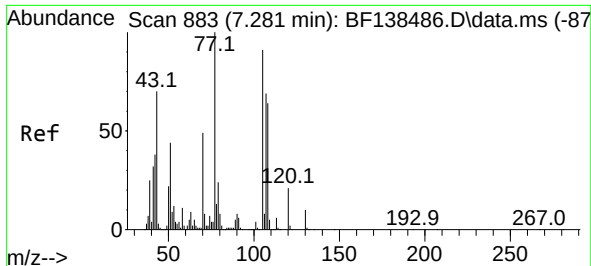
Tgt Ion:107 Resp: 273509
Ion Ratio Lower Upper
107 100
108 112.6 89.0 133.4
77 61.9 40.3 60.5#
79 57.9 40.2 60.4



#18
Hexachloroethane
Concen: 53.603 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:117 Resp: 130077
Ion Ratio Lower Upper
117 100
119 96.7 76.6 114.8
201 94.3 81.4 122.0

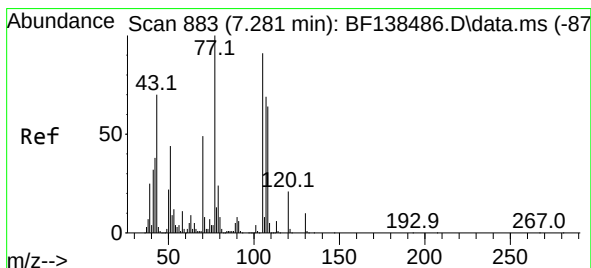
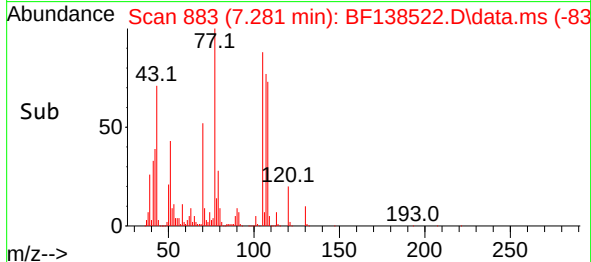
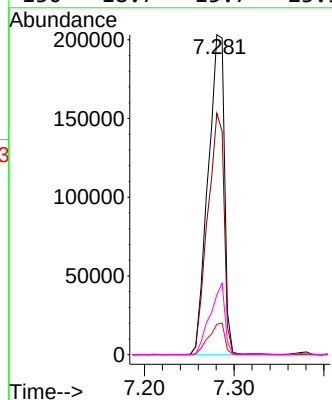
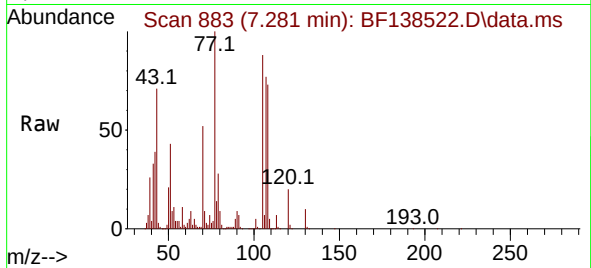




#19
n-Nitroso-di-n-propylamine
Concen: 57.113 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

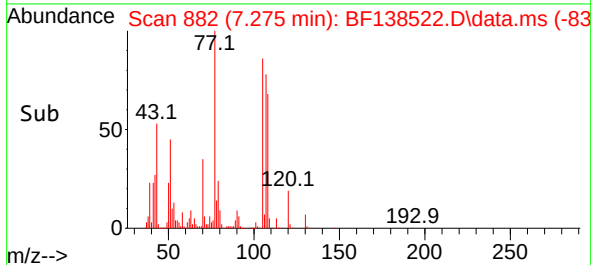
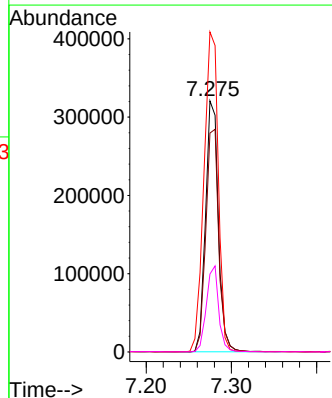
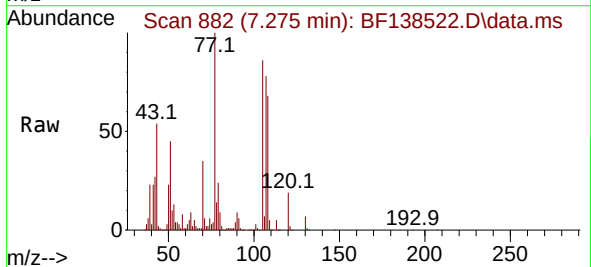
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

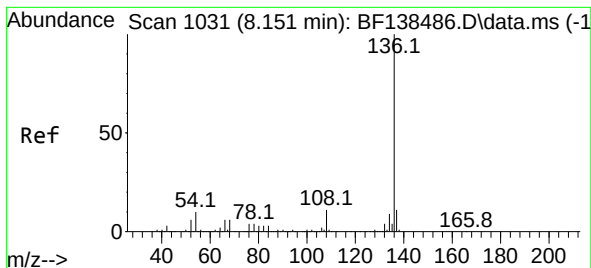
Tgt Ion: 70 Resp: 256756
Ion Ratio Lower Upper
70 100
42 75.4 62.4 93.6
101 9.5 7.2 10.8
130 18.7 15.7 23.5



#20
3+4-Methylphenols
Concen: 55.934 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion: 107 Resp: 333828
Ion Ratio Lower Upper
107 100
108 87.2 73.7 113.7
77 127.5 126.0 166.0
79 31.1 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

Tgt Ion:136 Resp: 344587

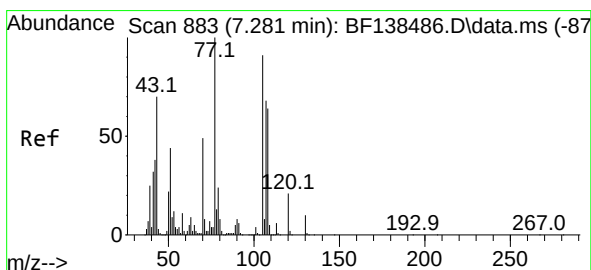
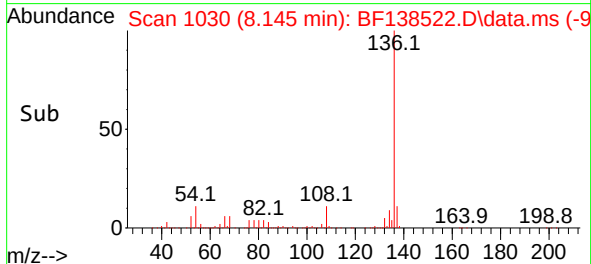
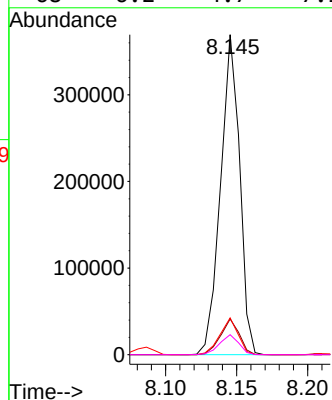
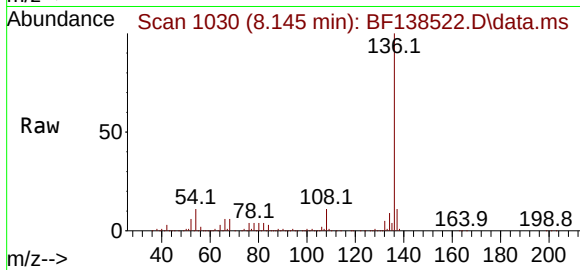
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.5 8.1 12.1

68 6.2 4.7 7.1



#22

Acetophenone

Concen: 51.475 ng

RT: 7.275 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Tgt Ion:105 Resp: 430800

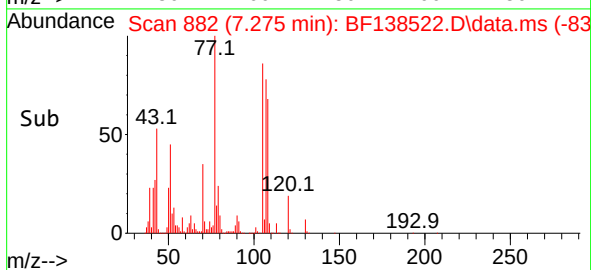
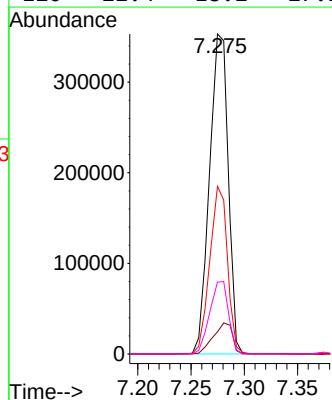
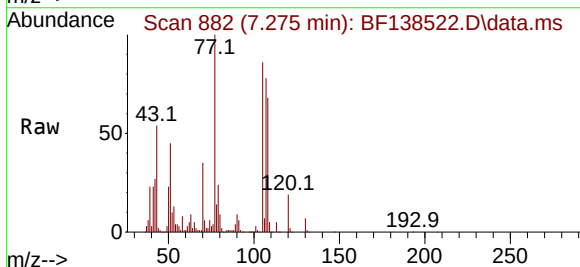
Ion Ratio Lower Upper

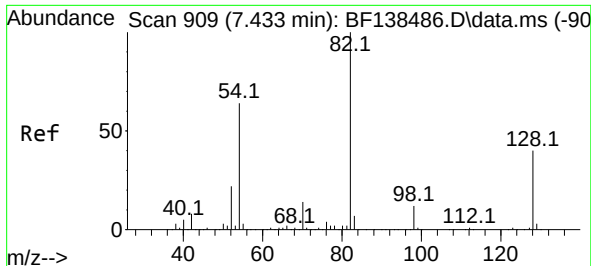
105 100

71 6.9 7.4 11.2#

51 52.4 38.7 58.1

120 22.4 18.2 27.2





#23

Nitrobenzene-d5

Concen: 101.901 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

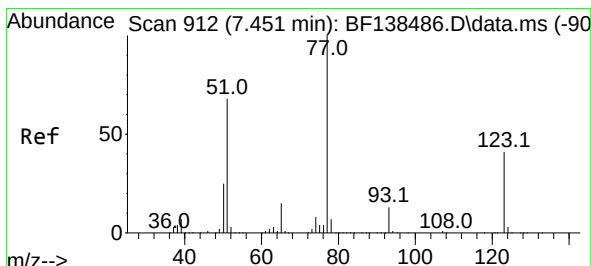
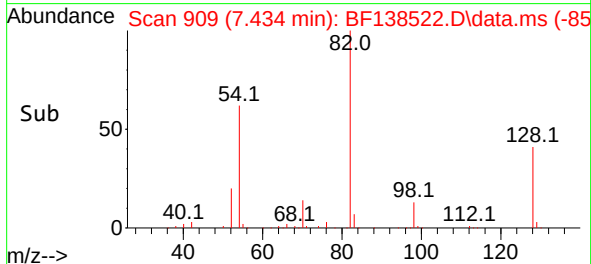
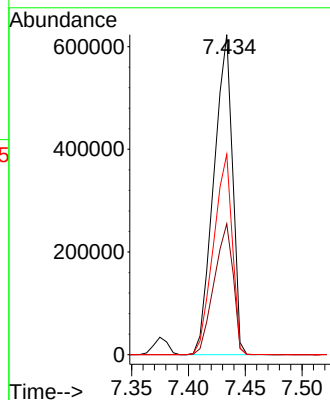
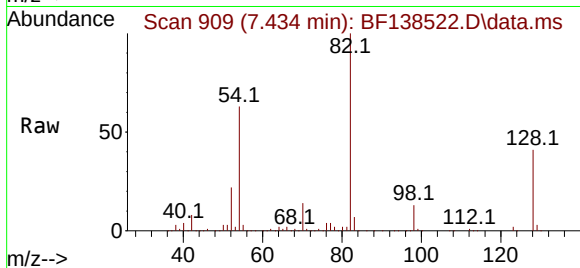
Tgt Ion: 82 Resp: 715180

Ion Ratio Lower Upper

82 100

128 40.9 32.3 48.5

54 62.6 51.4 77.0



#24

Nitrobenzene

Concen: 54.364 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

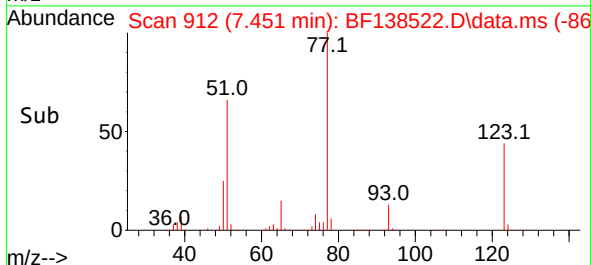
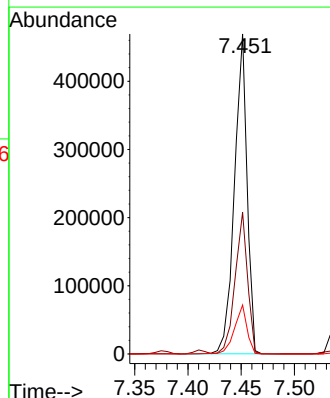
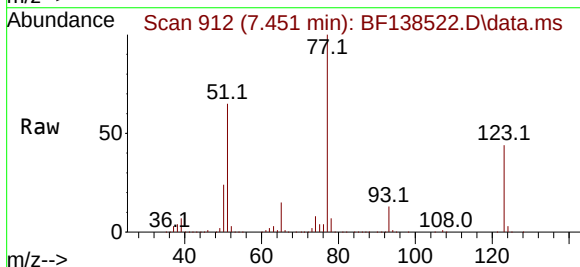
Tgt Ion: 77 Resp: 387740

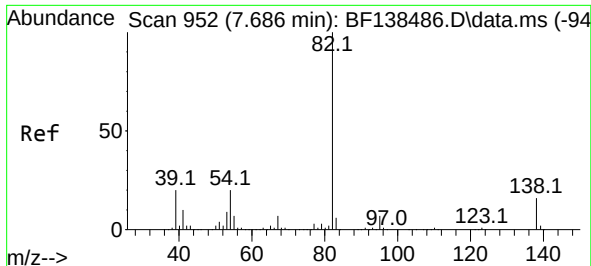
Ion Ratio Lower Upper

77 100

123 44.3 32.4 48.6

65 15.3 11.8 17.8

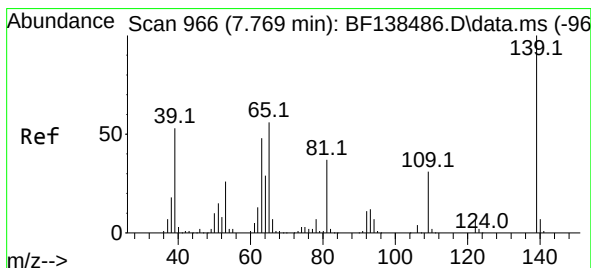
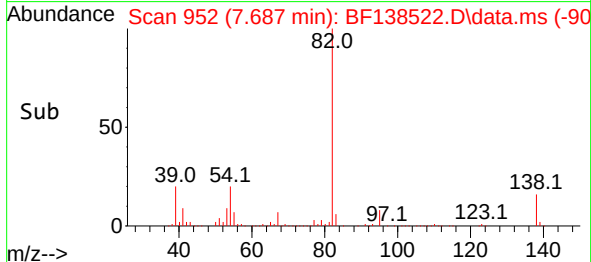
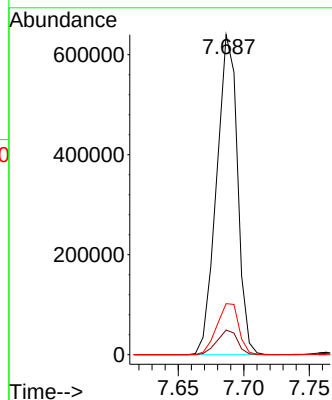
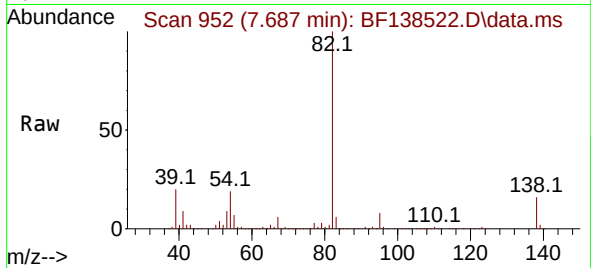




#25
Isophorone
Concen: 58.864 ng
RT: 7.687 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

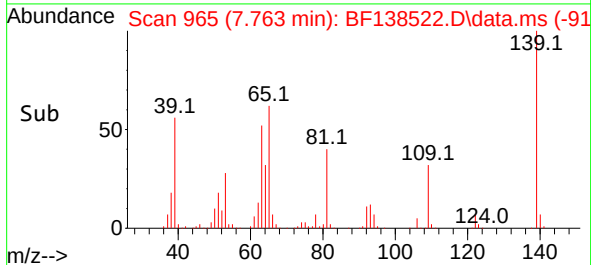
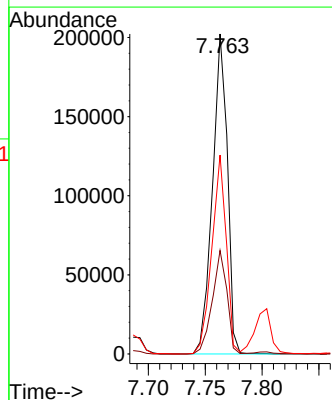
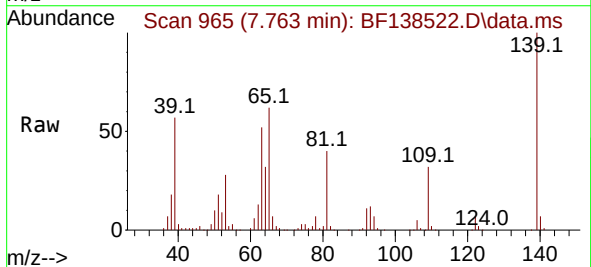
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

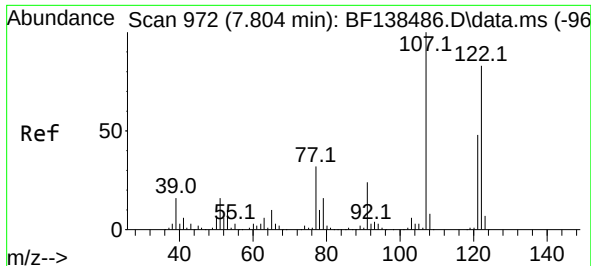
Tgt Ion: 82 Resp: 709478
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 15.9 12.8 19.2



#26
2-Nitrophenol
Concen: 60.027 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:139 Resp: 183496
Ion Ratio Lower Upper
139 100
109 32.3 24.8 37.2
65 62.1 45.1 67.7

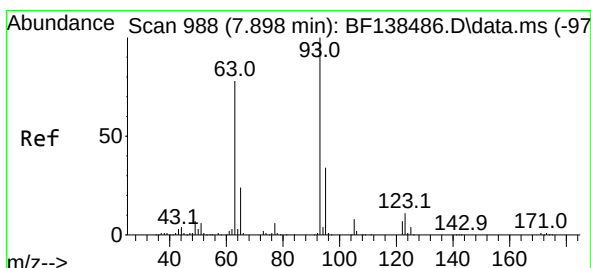
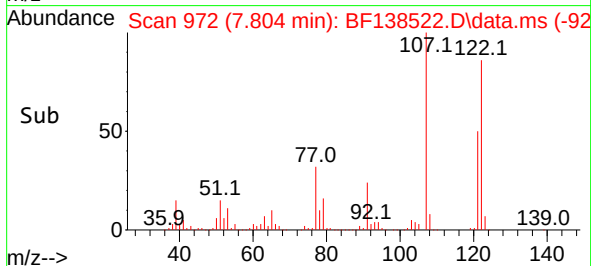
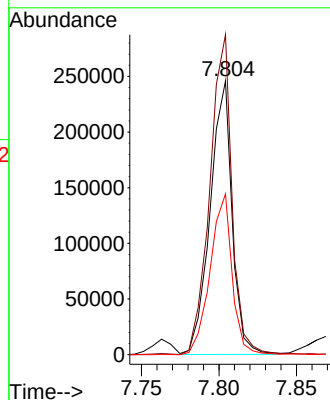
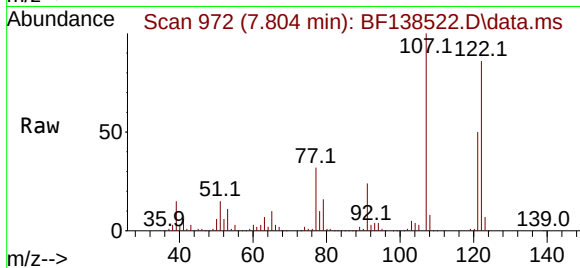




#27
2,4-Dimethylphenol
Concen: 64.441 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

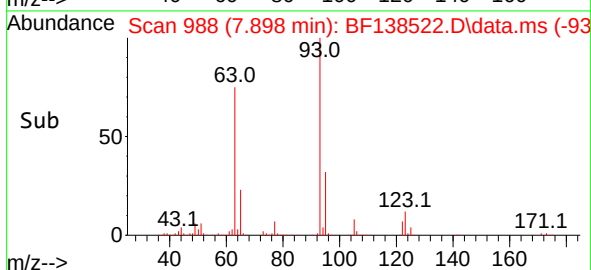
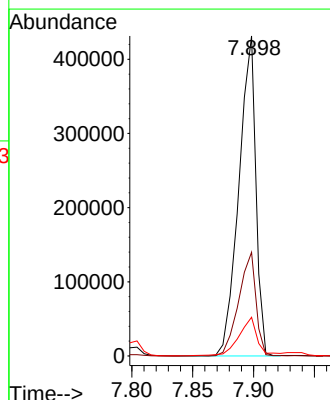
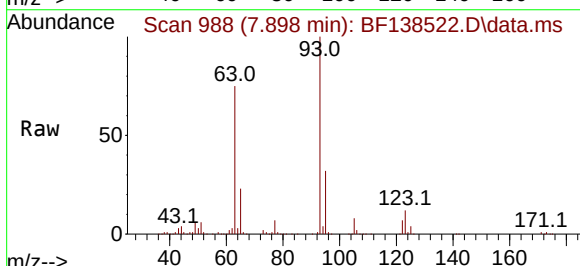
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

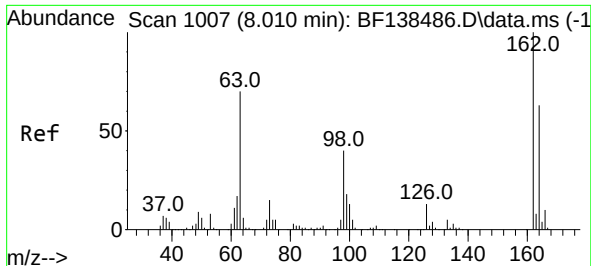
Tgt Ion:122 Resp: 242110
Ion Ratio Lower Upper
122 100
107 116.9 96.3 144.5
121 58.8 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 58.115 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion: 93 Resp: 418613
Ion Ratio Lower Upper
93 100
95 32.4 27.0 40.6
123 12.1 9.1 13.7

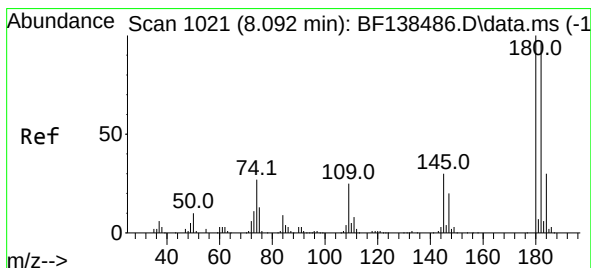
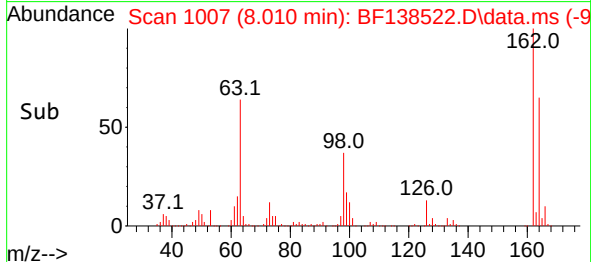
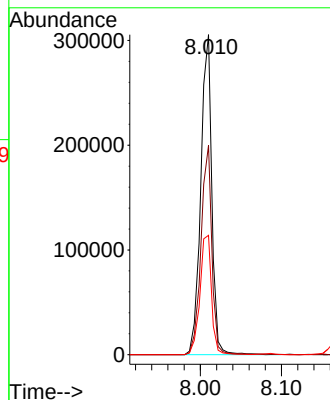
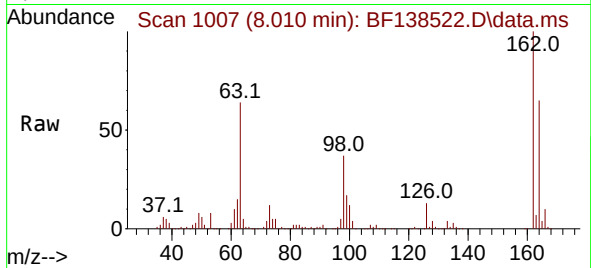




#29
2,4-Dichlorophenol
Concen: 59.426 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

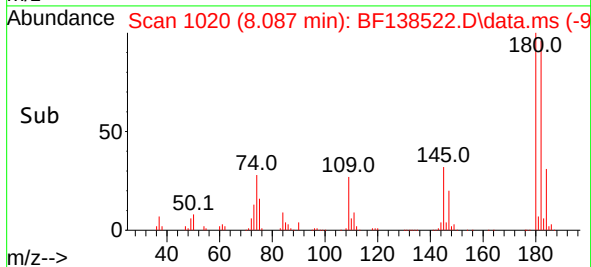
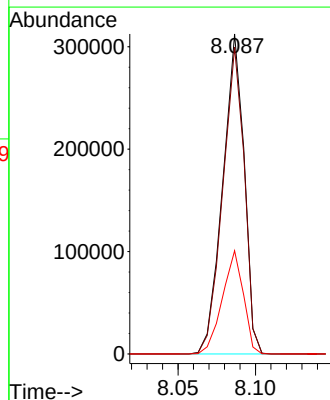
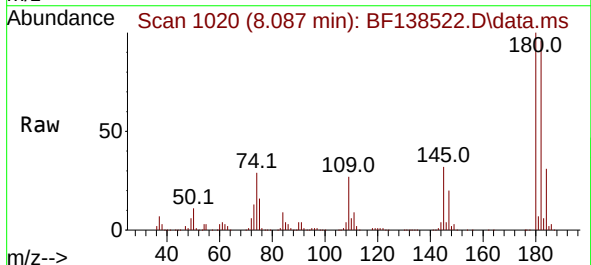
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

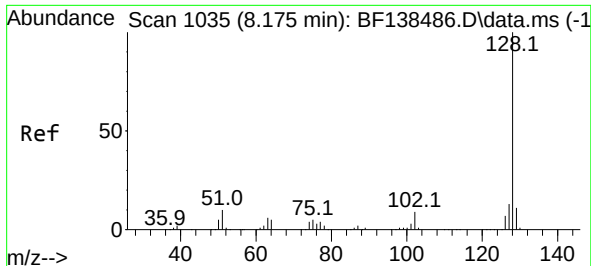
Tgt Ion:162 Resp: 289936
Ion Ratio Lower Upper
162 100
164 65.4 42.6 82.6
98 37.3 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 52.817 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:180 Resp: 300190
Ion Ratio Lower Upper
180 100
182 95.9 76.9 115.3
145 32.3 23.9 35.9

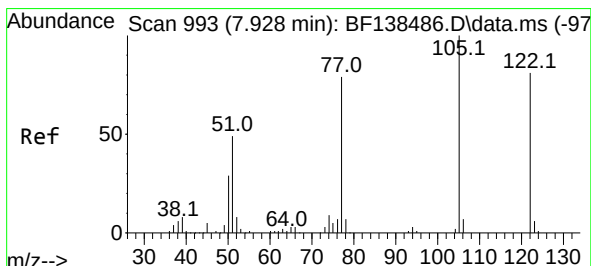
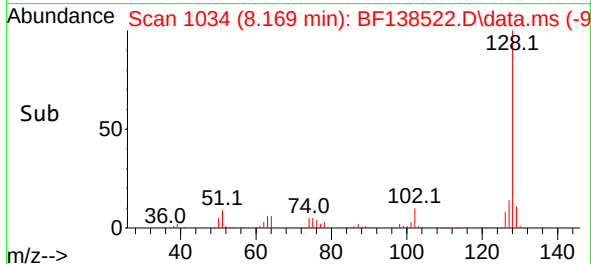
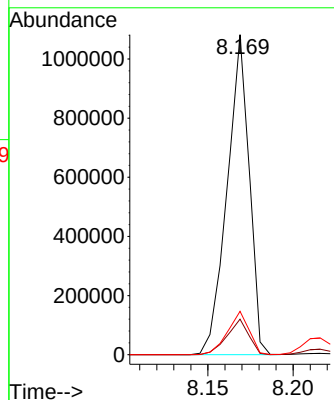
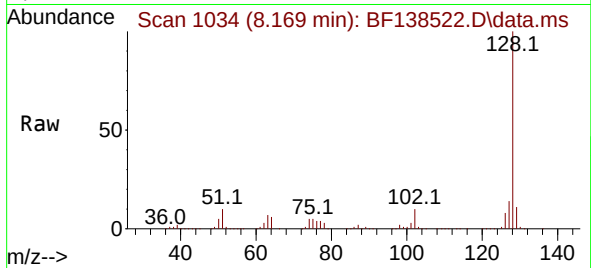




#31
Naphthalene
Concen: 54.447 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

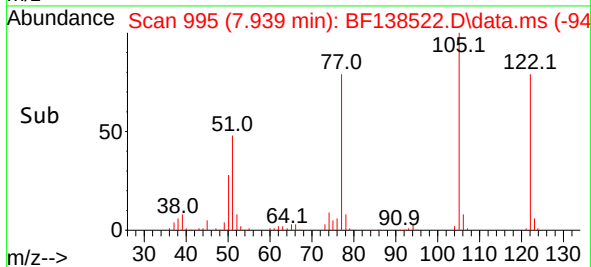
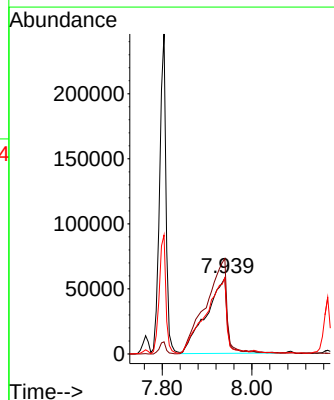
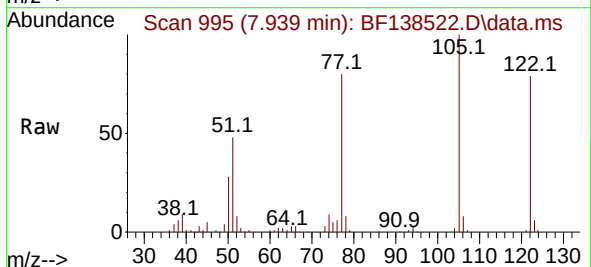
Instrument :
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ClientSampleId :
VNJ-226MS

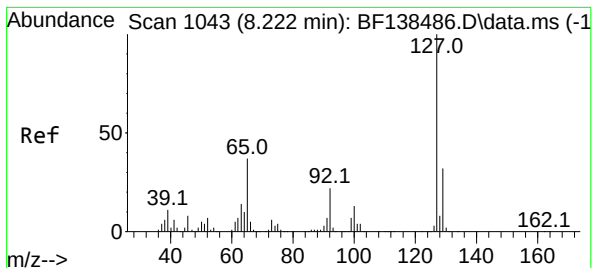
Tgt Ion:128 Resp: 975761
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 53.214 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:122 Resp: 190686
Ion Ratio Lower Upper
122 100
105 125.8 101.5 141.5
77 100.5 77.3 117.3





#33

4-Chloroaniline

Concen: 14.523 ng

RT: 8.216 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

Tgt Ion:127 Resp: 91320

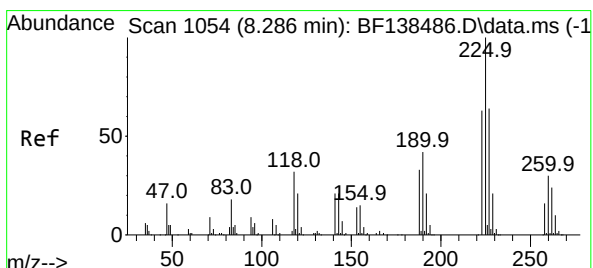
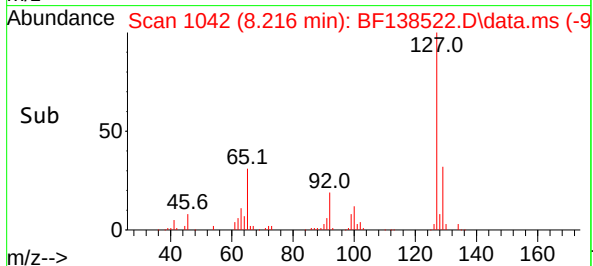
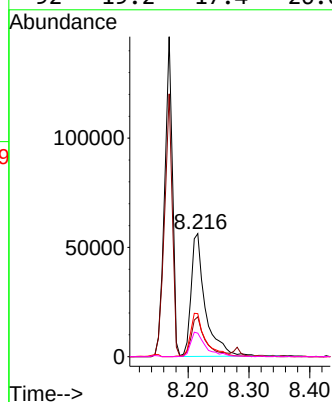
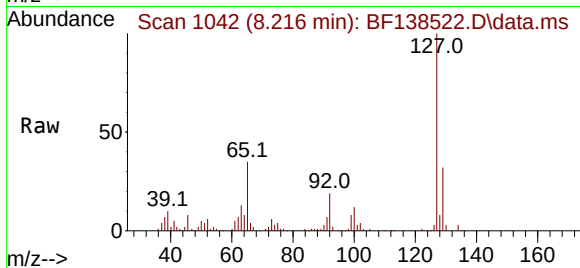
Ion Ratio Lower Upper

127 100

129 32.5 25.6 38.4

65 35.0 29.6 44.4

92 19.2 17.4 26.0



#34

Hexachlorobutadiene

Concen: 52.459 ng

RT: 8.281 min Scan# 1053

Delta R.T. -0.006 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

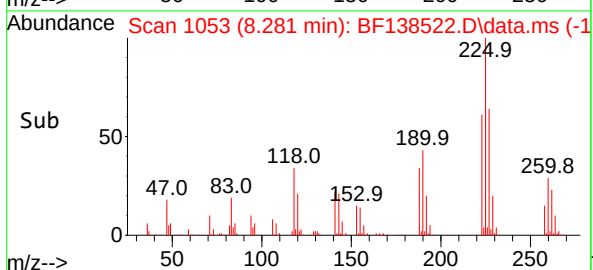
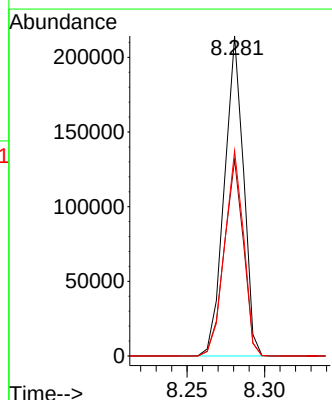
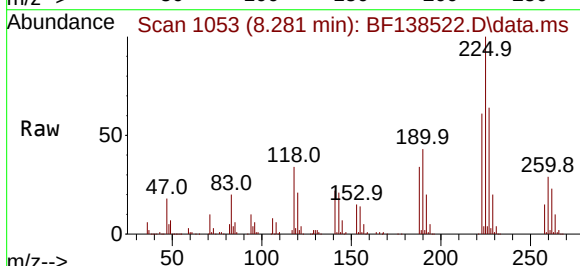
Tgt Ion:225 Resp: 183602

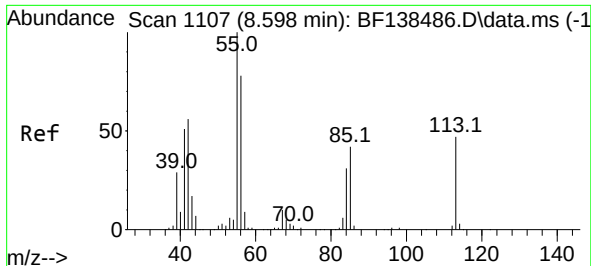
Ion Ratio Lower Upper

225 100

223 61.3 50.0 75.0

227 64.2 51.0 76.6

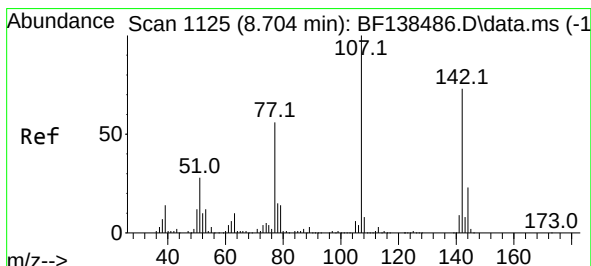
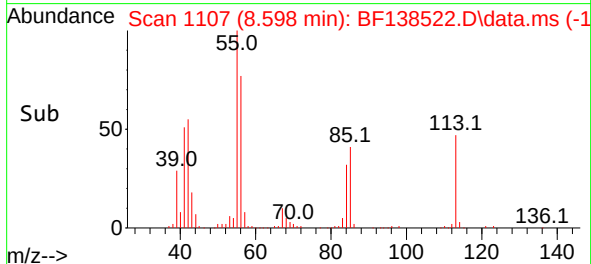
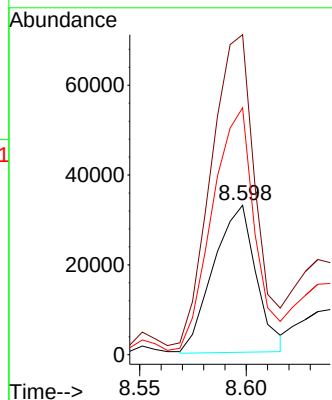
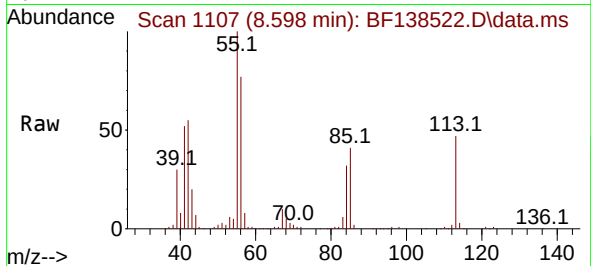




#35
 Caprolactam
 Concen: 29.124 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF138522.D
 Acq: 11 Jul 2024 14:40

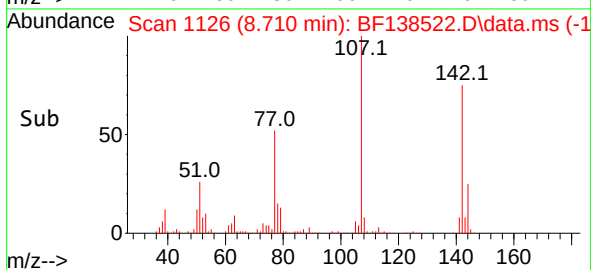
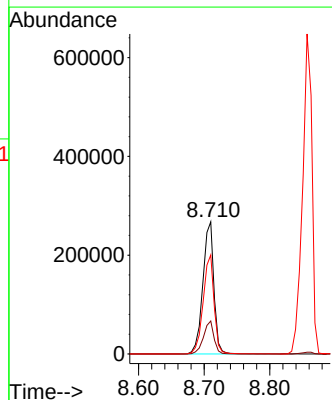
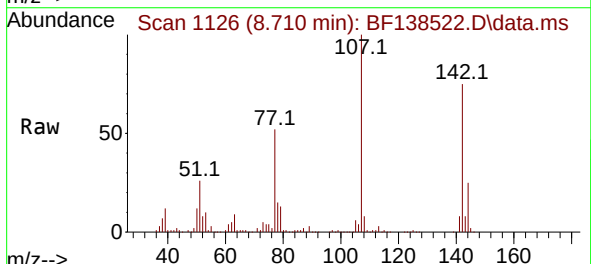
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226MS

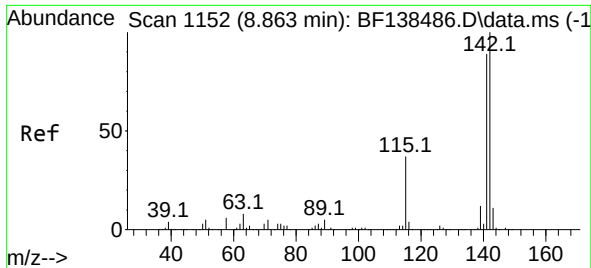
Tgt Ion:113 Resp: 45851
 Ion Ratio Lower Upper
 113 100
 55 214.1 192.5 232.5
 56 165.2 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 57.420 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF138522.D
 Acq: 11 Jul 2024 14:40

Tgt Ion:107 Resp: 313630
 Ion Ratio Lower Upper
 107 100
 144 24.9 18.6 27.8
 142 75.0 58.6 88.0

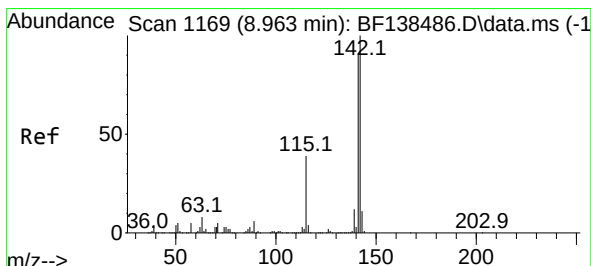
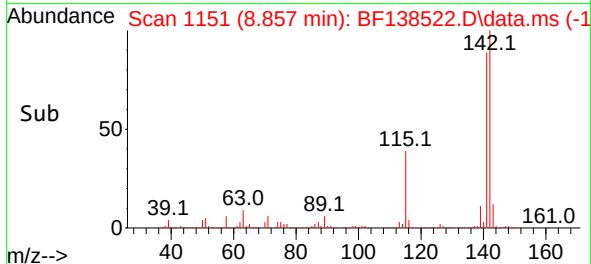
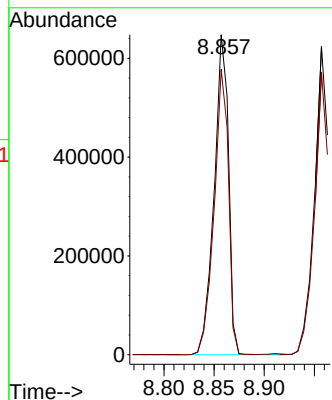
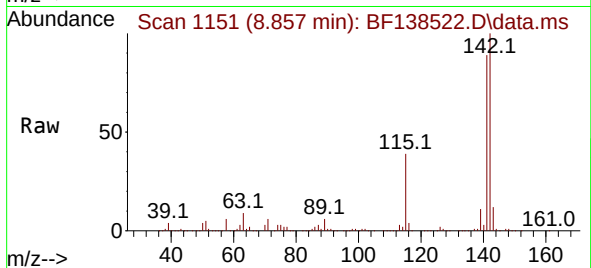




#37
2-Methylnaphthalene
Concen: 55.870 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

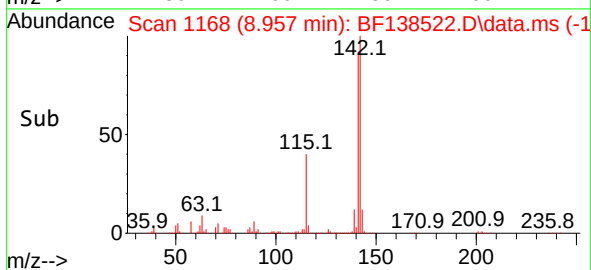
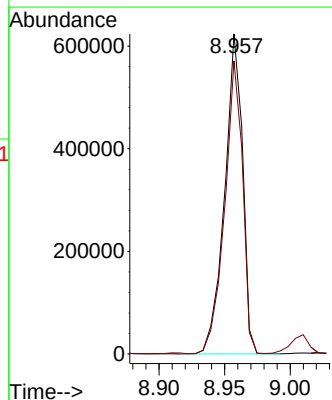
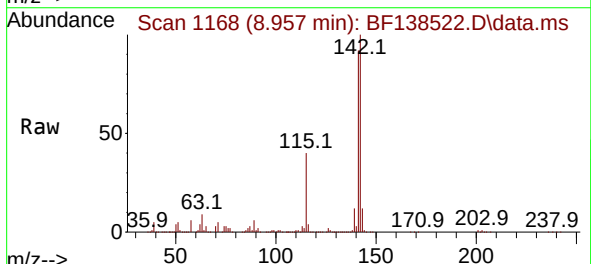
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

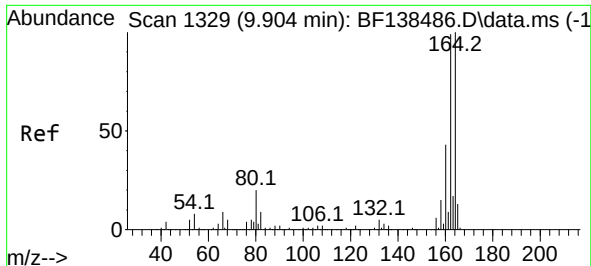
Tgt Ion:142 Resp: 644341
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0



#38
1-Methylnaphthalene
Concen: 52.691 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:142 Resp: 593063
Ion Ratio Lower Upper
142 100
141 91.6 72.6 108.8

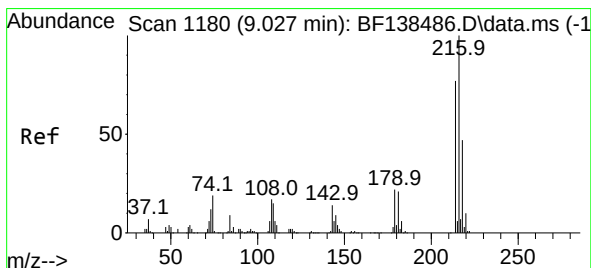
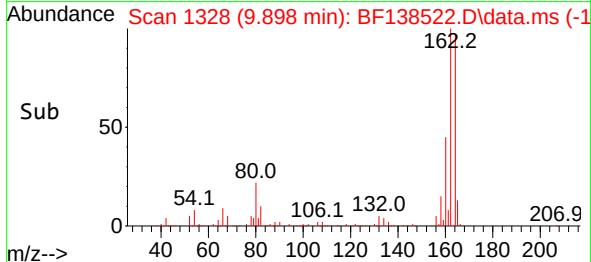
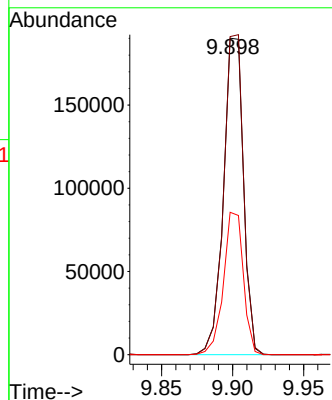
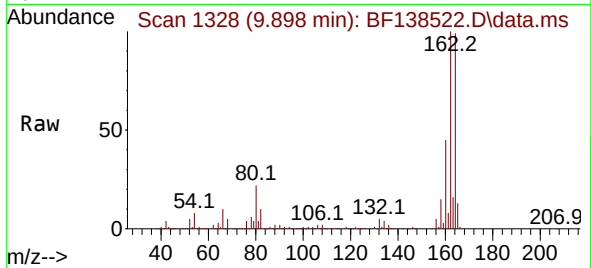




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

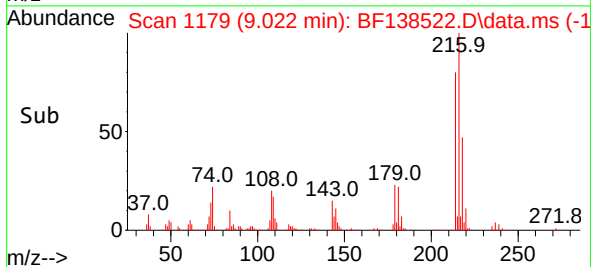
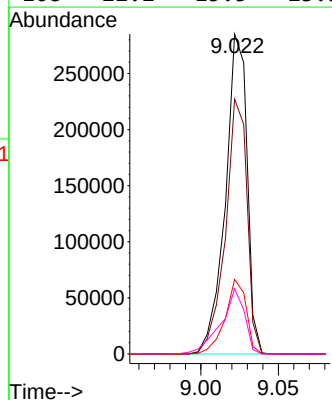
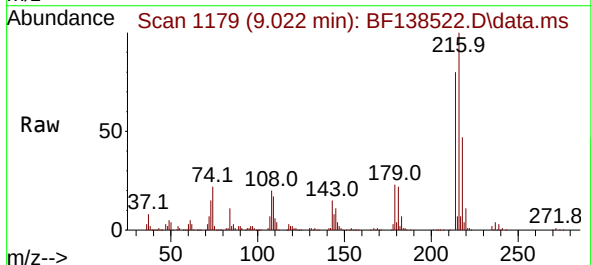
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

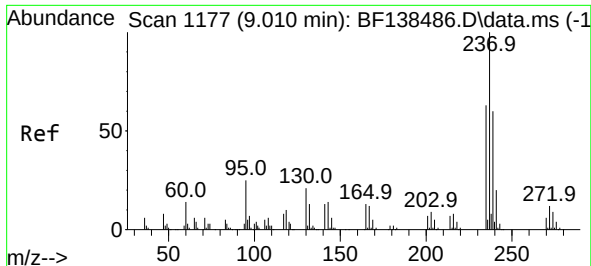
Tgt Ion:164 Resp: 186910
Ion Ratio Lower Upper
164 100
162 100.5 79.0 118.6
160 45.0 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.342 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:216 Resp: 277873
Ion Ratio Lower Upper
216 100
214 79.1 62.8 94.2
179 22.6 17.7 26.5
108 22.2 15.5 23.3

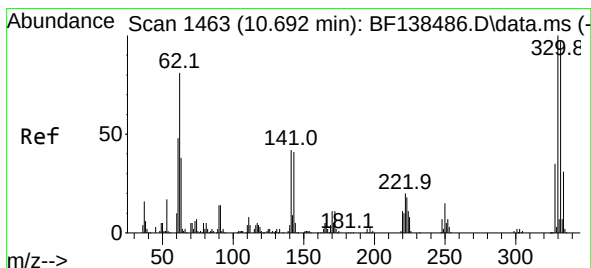
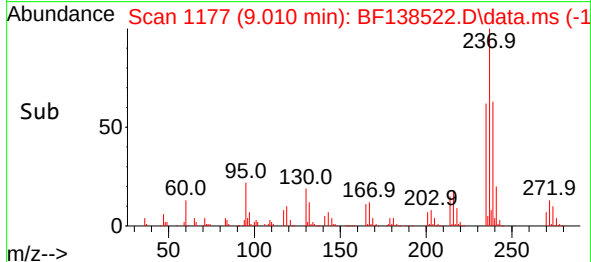
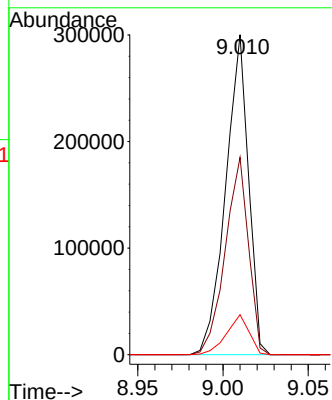
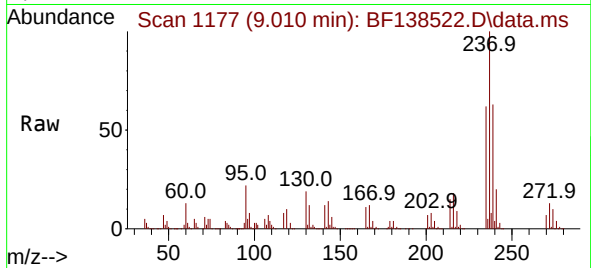




#41
Hexachlorocyclopentadiene
Concen: 165.725 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

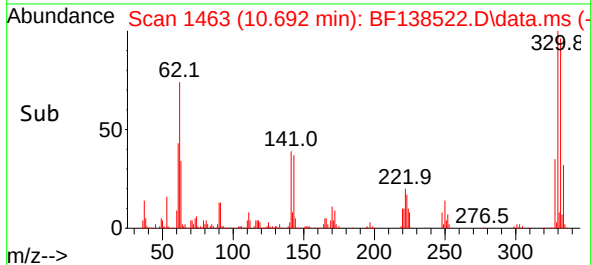
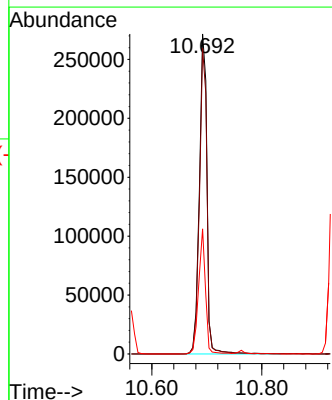
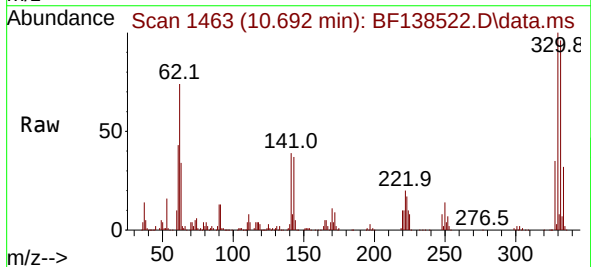
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

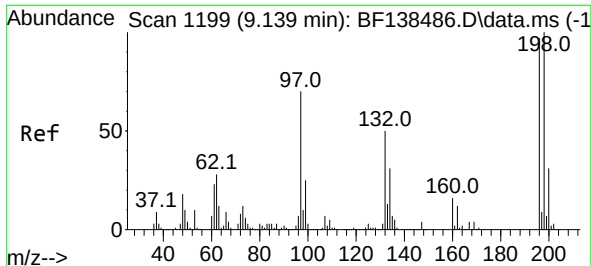
Tgt Ion: 237 Resp: 280215
Ion Ratio Lower Upper
237 100
235 61.6 43.3 83.3
272 12.5 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 149.161 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion: 330 Resp: 260564
Ion Ratio Lower Upper
330 100
332 94.8 76.8 115.2
141 35.6 29.4 44.2

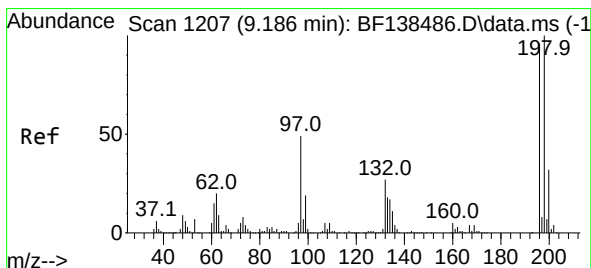
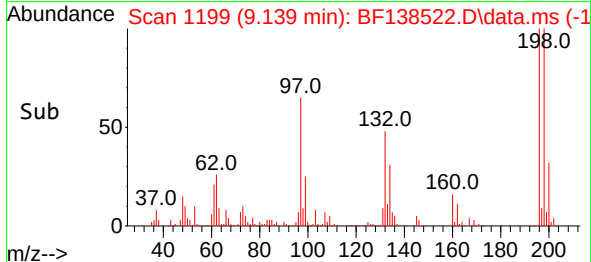
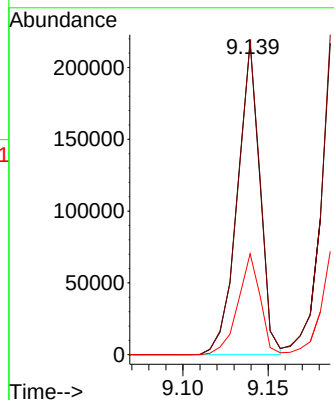
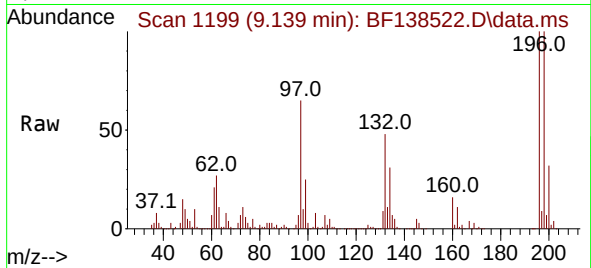




#43
2,4,6-Trichlorophenol
Concen: 60.037 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

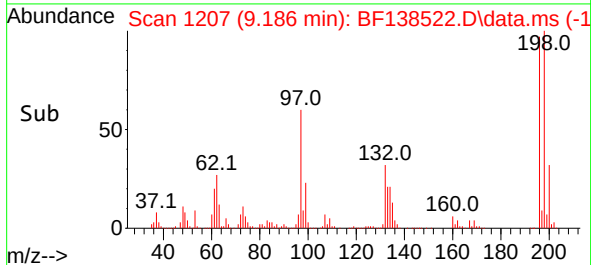
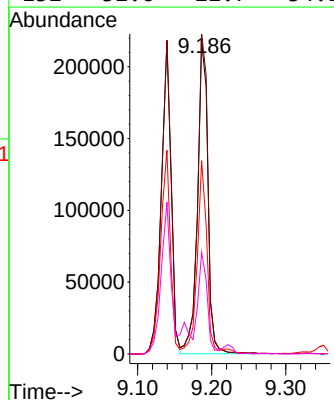
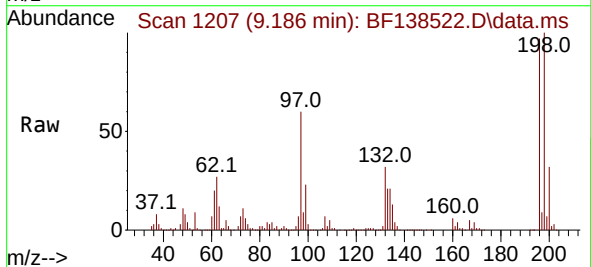
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

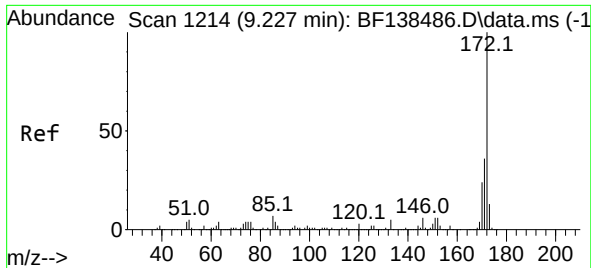
Tgt Ion:196 Resp: 199499
Ion Ratio Lower Upper
196 100
198 100.4 82.3 123.5
200 32.3 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 58.029 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:196 Resp: 212086
Ion Ratio Lower Upper
196 100
198 102.7 82.8 124.2
97 62.1 41.0 61.4#
132 32.6 22.7 34.1

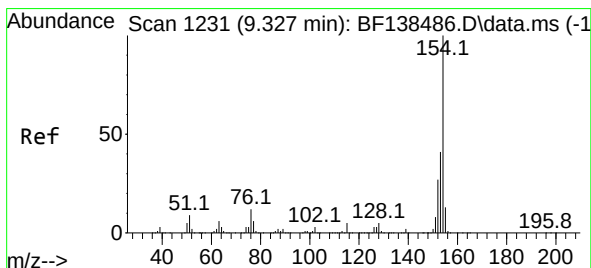
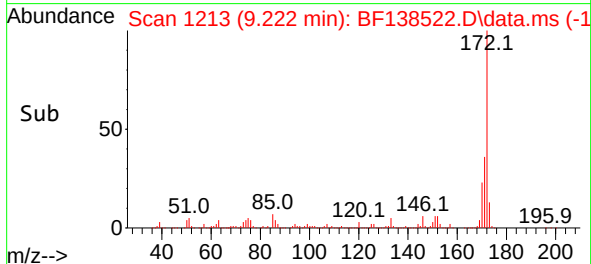
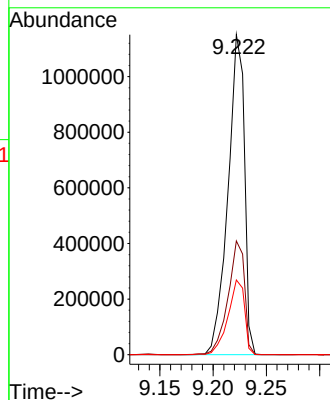
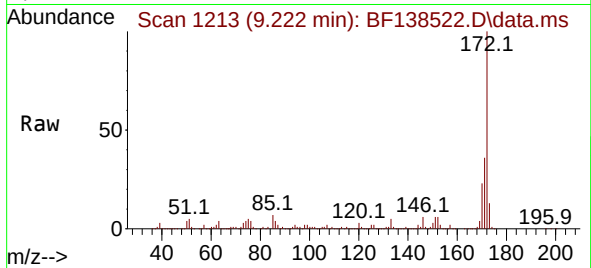




#45
2-Fluorobiphenyl
Concen: 103.527 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

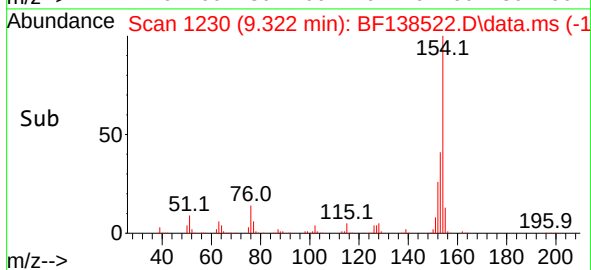
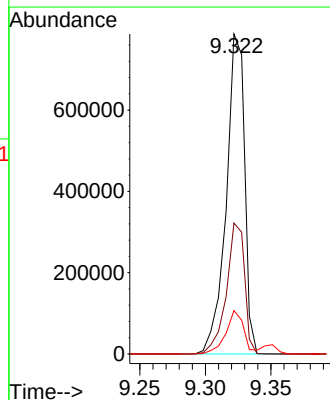
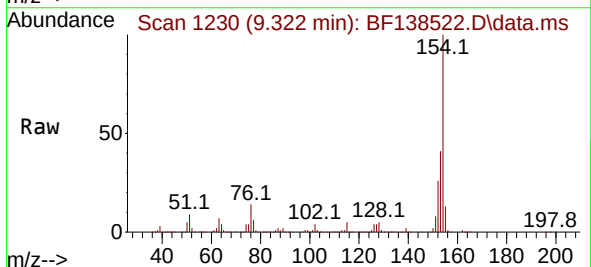
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

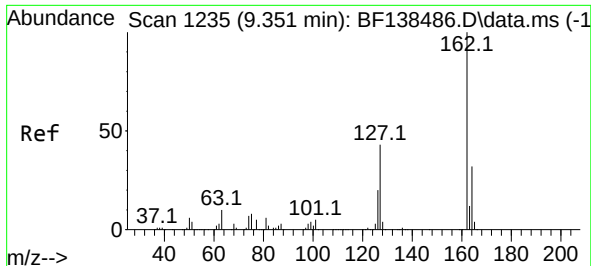
Tgt Ion:172 Resp: 1238093
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 54.122 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:154 Resp: 766633
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 13.5 0.0 32.2

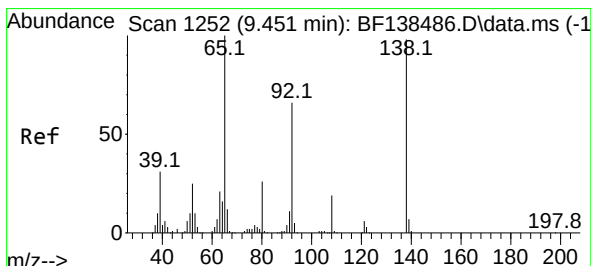
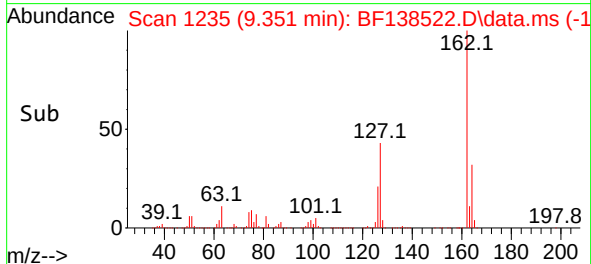
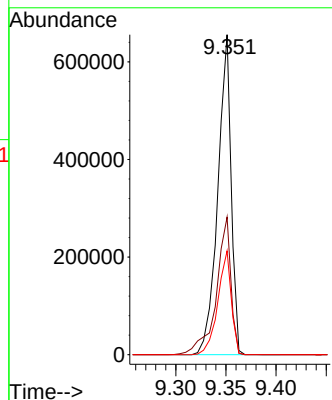
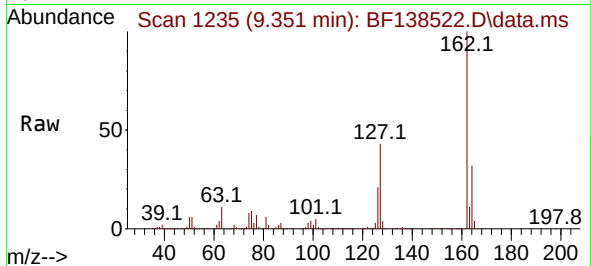




#47
2-Chloronaphthalene
Concen: 56.676 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

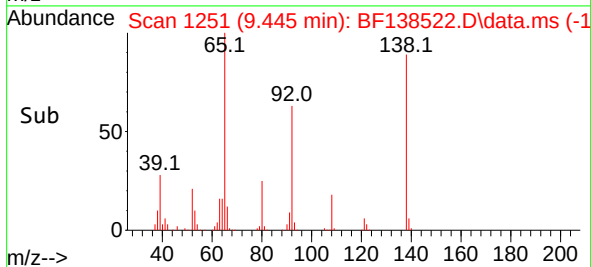
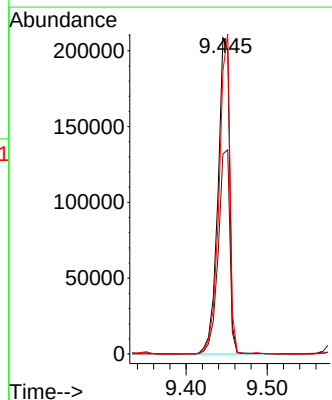
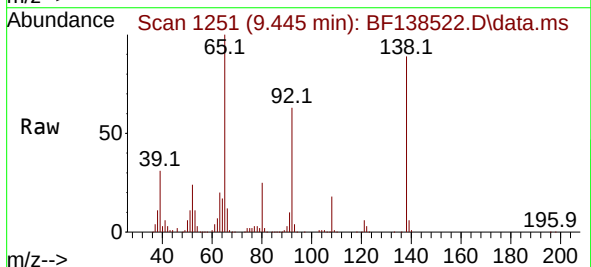
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

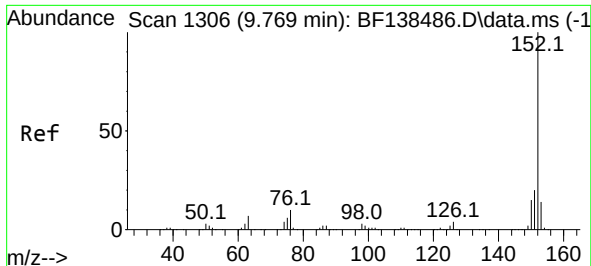
Tgt Ion:162 Resp: 606483
Ion Ratio Lower Upper
162 100
127 43.0 34.8 52.2
164 32.4 25.6 38.4



#48
2-Nitroaniline
Concen: 56.254 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion: 65 Resp: 208601
Ion Ratio Lower Upper
65 100
92 63.3 52.6 78.8
138 89.5 78.6 118.0

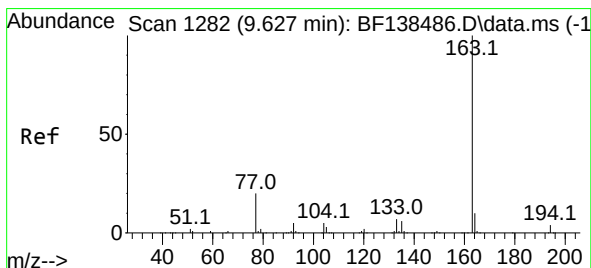
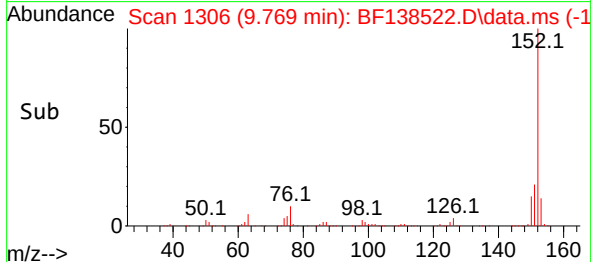
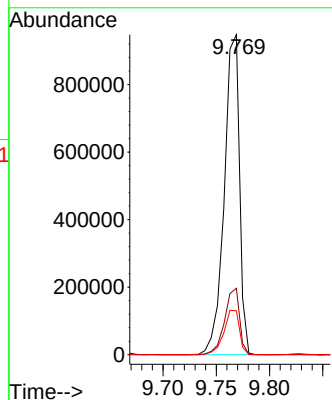
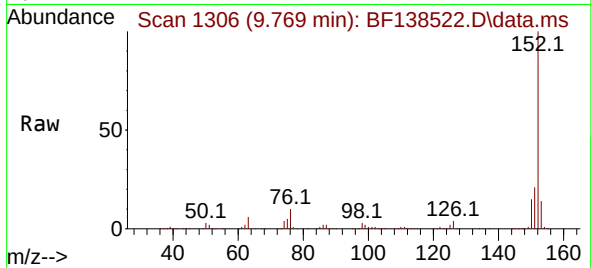




#49
Acenaphthylene
Concen: 61.920 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

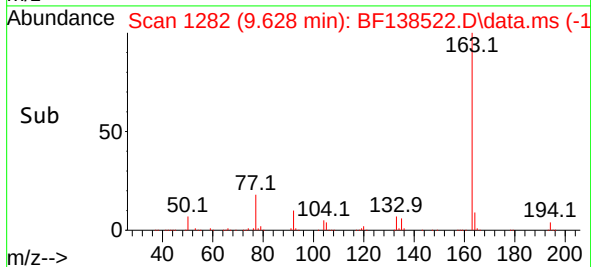
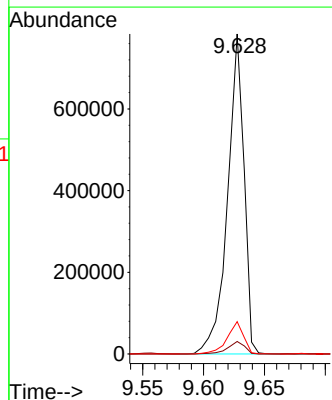
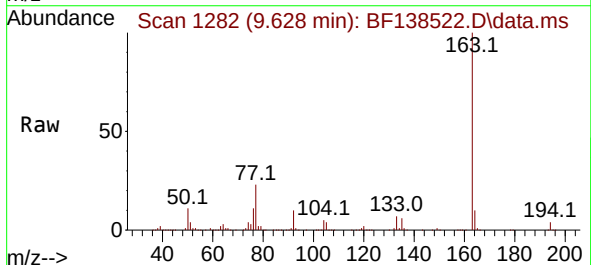
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

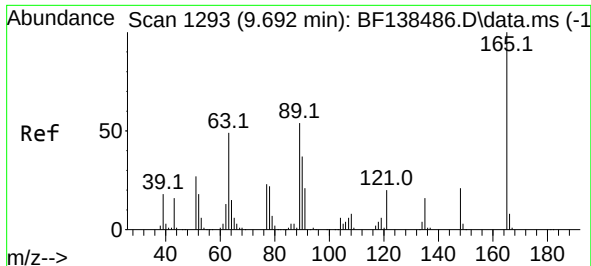
Tgt Ion:152 Resp: 940738
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.8 11.3 16.9



#50
Dimethylphthalate
Concen: 60.751 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:163 Resp: 734230
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.1 12.1

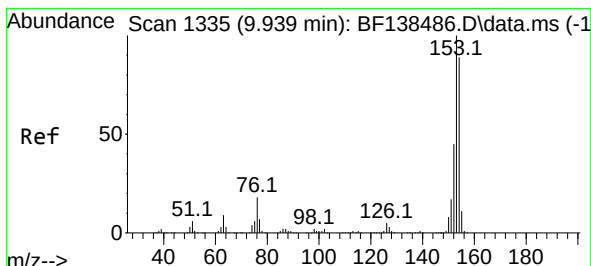
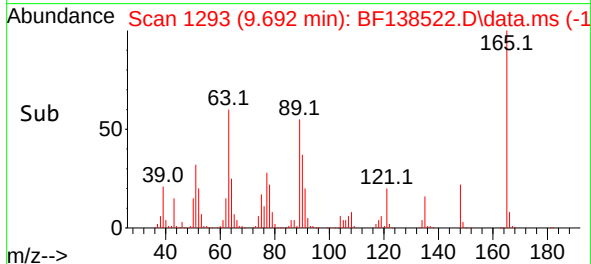
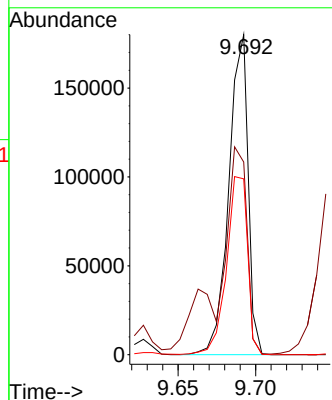
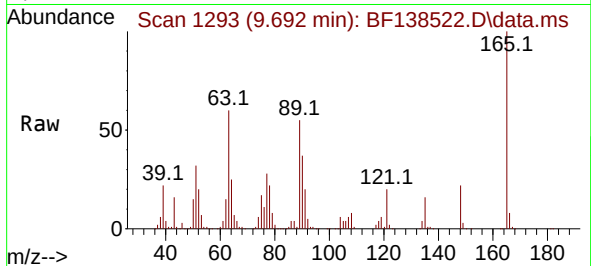




#51
2,6-Dinitrotoluene
Concen: 55.977 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

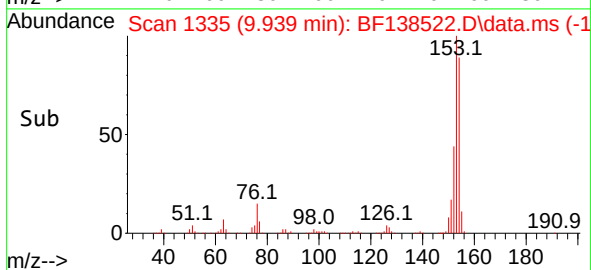
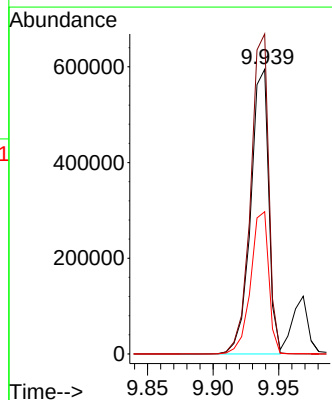
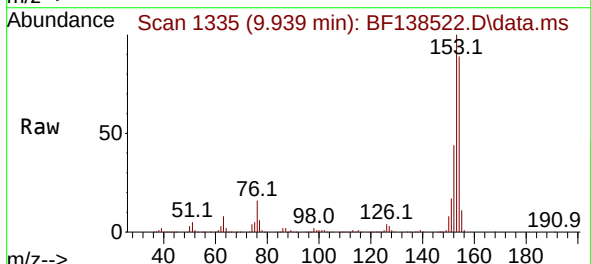
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

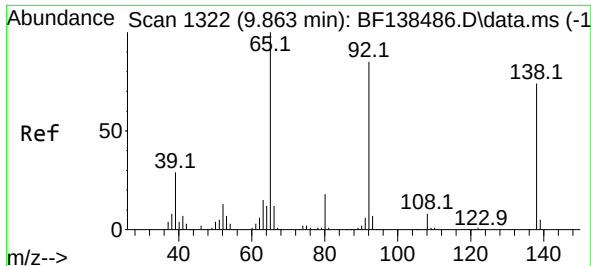
Tgt Ion:165 Resp: 155771
Ion Ratio Lower Upper
165 100
63 60.2 48.1 72.1
89 54.9 43.0 64.6



#52
Acenaphthene
Concen: 56.456 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:154 Resp: 570155
Ion Ratio Lower Upper
154 100
153 112.4 90.4 135.6
152 50.0 41.1 61.7

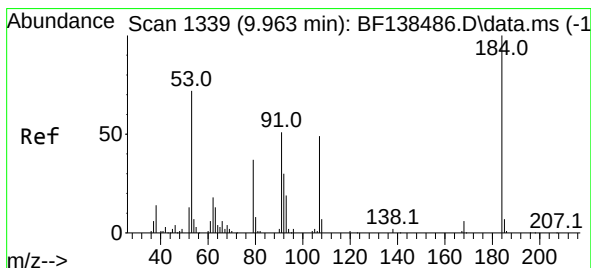
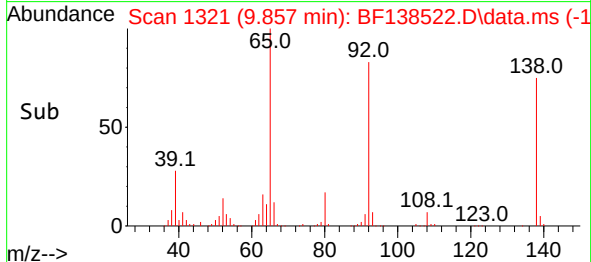
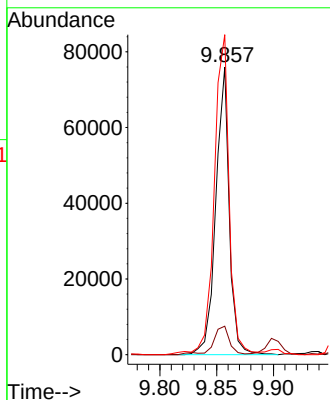
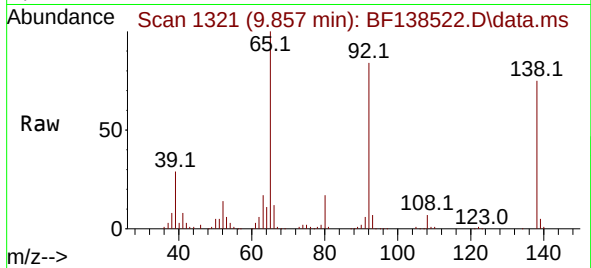




#53
3-Nitroaniline
Concen: 21.949 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

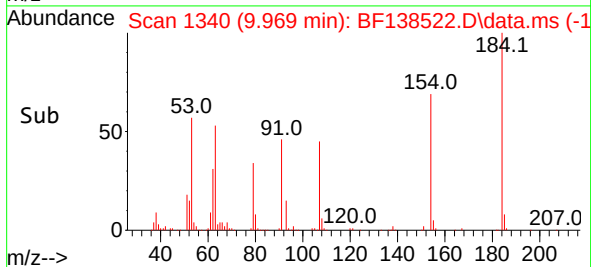
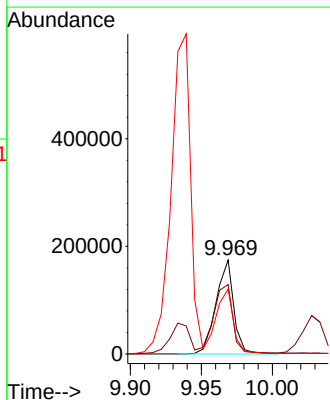
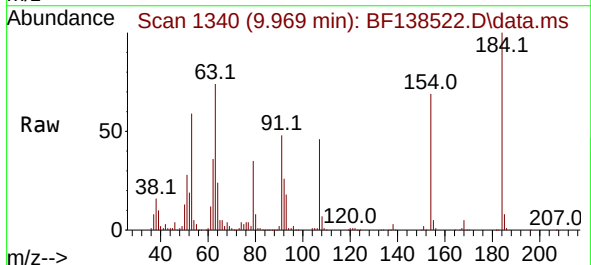
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

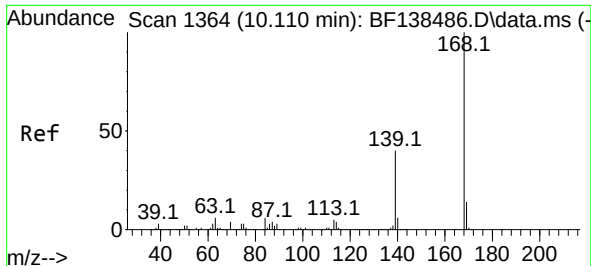
Tgt Ion:138 Resp: 62602
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 111.2 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 100.427 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:184 Resp: 151875
Ion Ratio Lower Upper
184 100
63 74.0 70.6 106.0
154 69.1 53.8 80.6

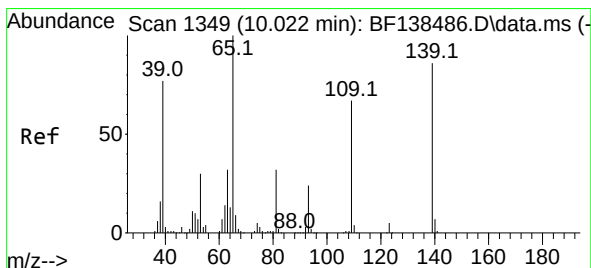
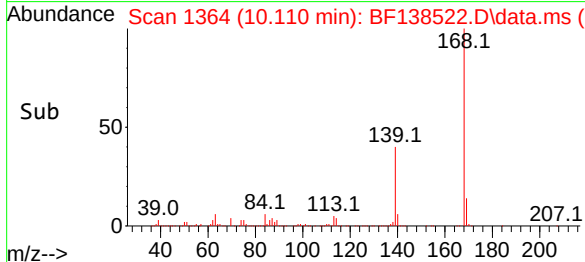
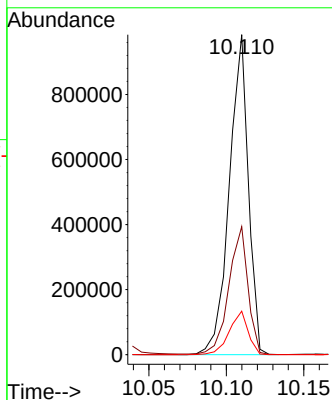
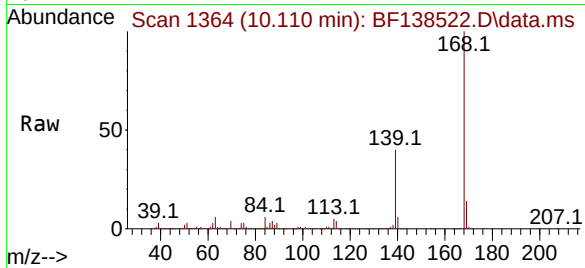




#55
Dibenzofuran
Concen: 57.335 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

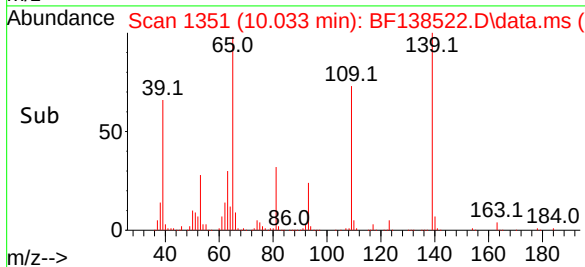
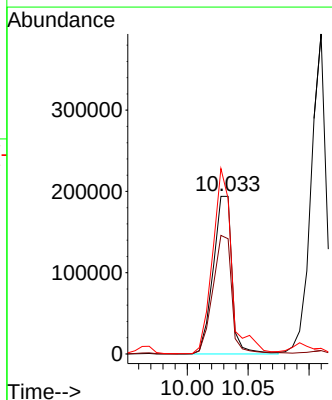
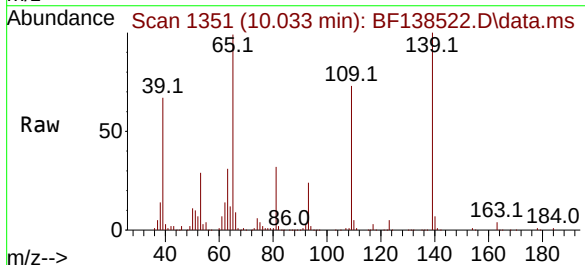
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

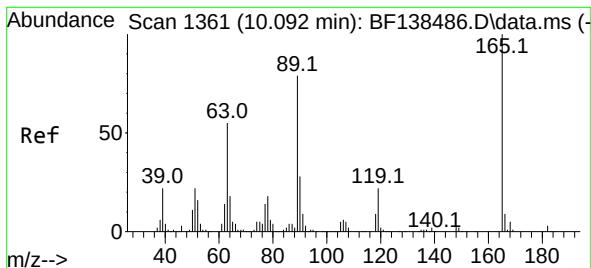
Tgt Ion:168 Resp: 839856
Ion Ratio Lower Upper
168 100
139 40.0 32.4 48.6
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 98.926 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:139 Resp: 208187
Ion Ratio Lower Upper
139 100
109 73.1 58.1 98.1
65 98.5 96.9 136.9

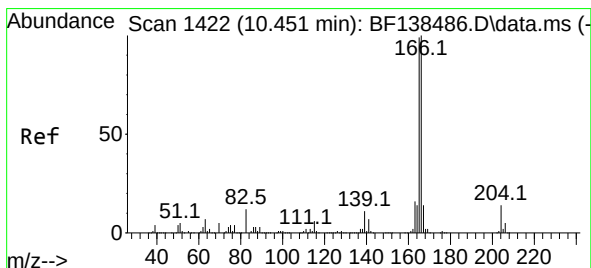
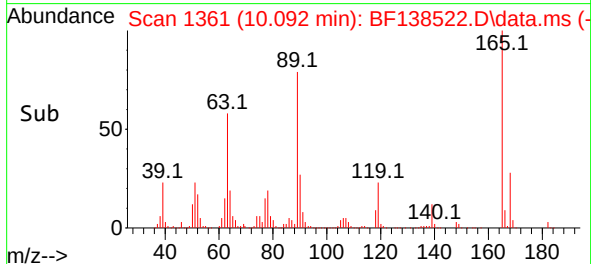
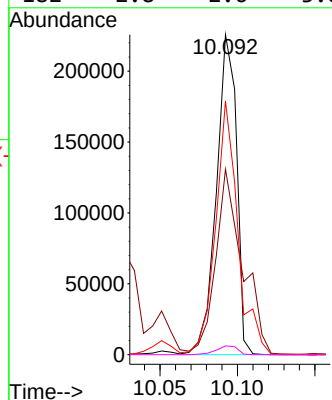
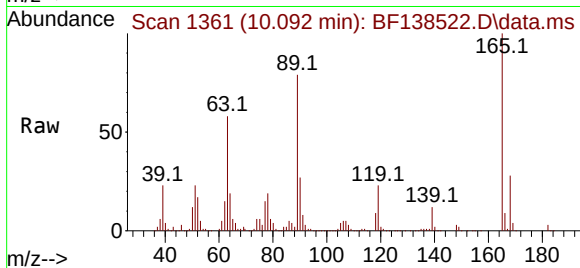




#57
2,4-Dinitrotoluene
Concen: 56.972 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

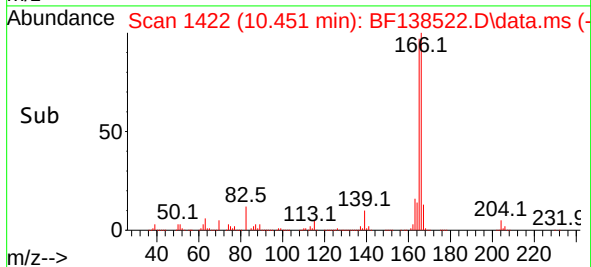
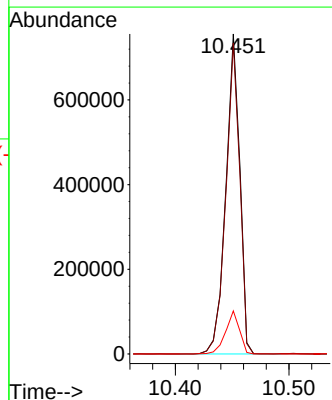
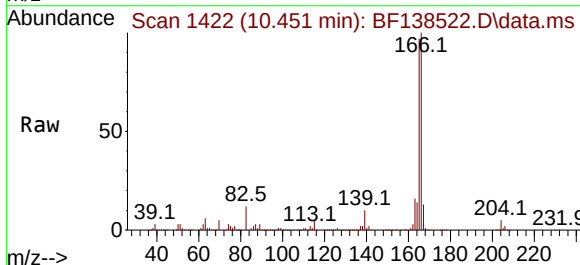
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

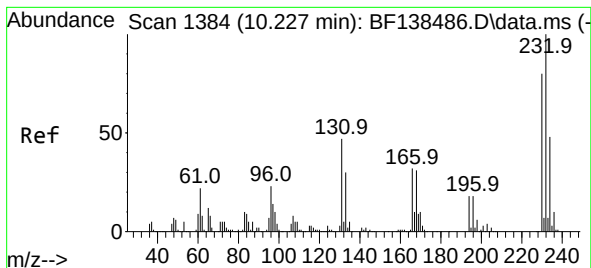
Tgt Ion:165 Resp: 205127
Ion Ratio Lower Upper
165 100
63 58.0 44.6 66.8
89 79.3 63.4 95.2
182 2.8 2.6 3.8



#58
Fluorene
Concen: 55.849 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:166 Resp: 647310
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 13.5 11.0 16.6

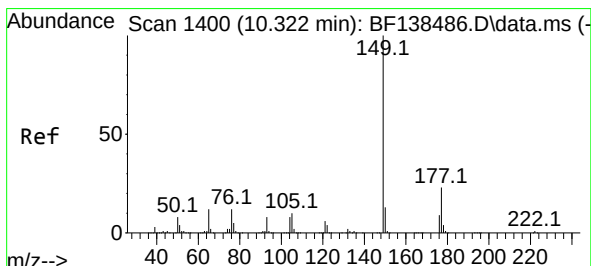
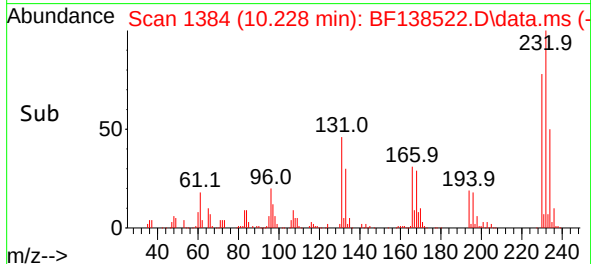
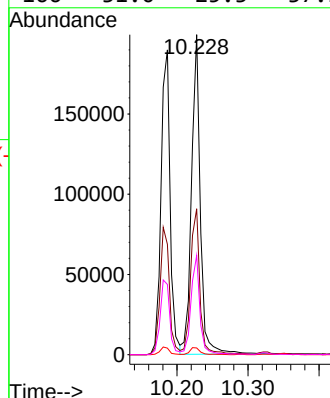
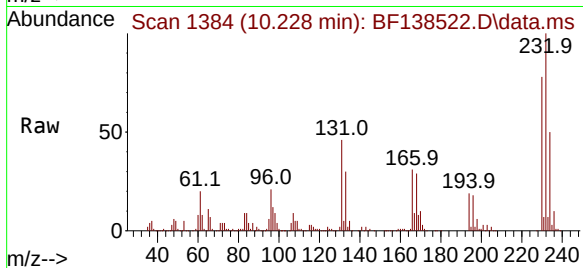




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.694 ng
RT: 10.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

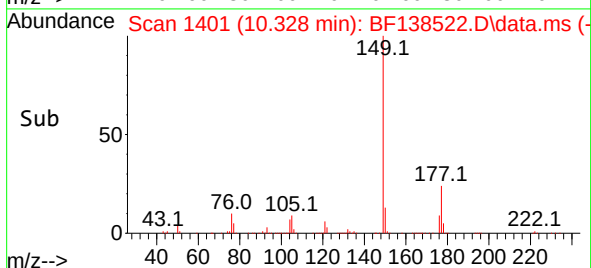
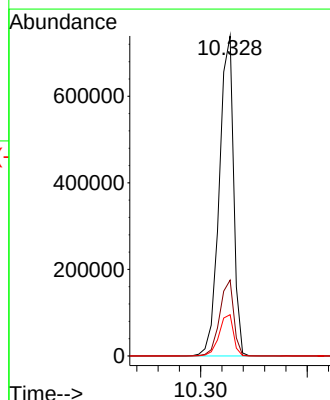
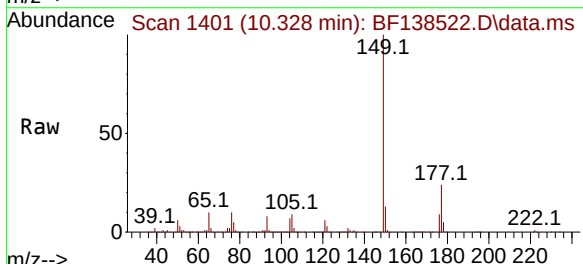
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

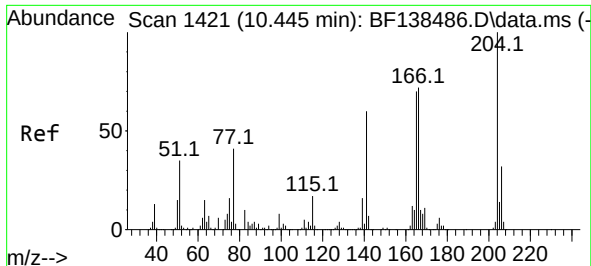
Tgt Ion:232 Resp: 172180
Ion Ratio Lower Upper
232 100
131 47.6 37.5 56.3
130 2.6 2.0 3.0
166 31.0 25.3 37.9



#60
Diethylphthalate
Concen: 58.904 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:149 Resp: 686308
Ion Ratio Lower Upper
149 100
177 23.7 18.5 27.7
150 12.9 10.3 15.5

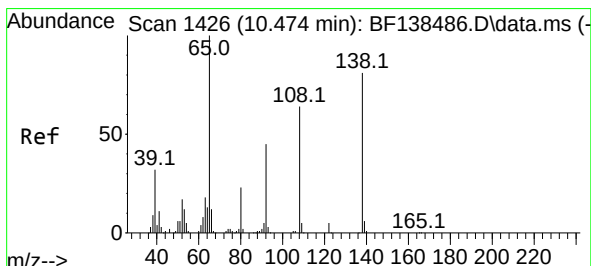
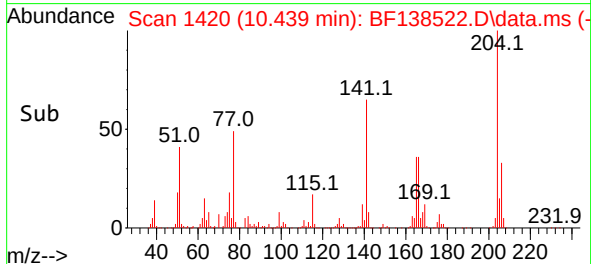
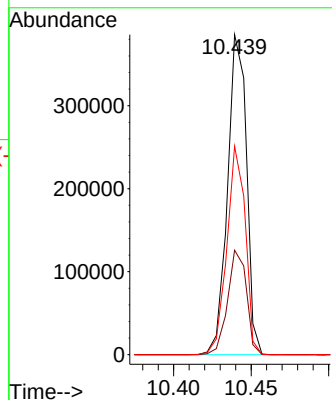
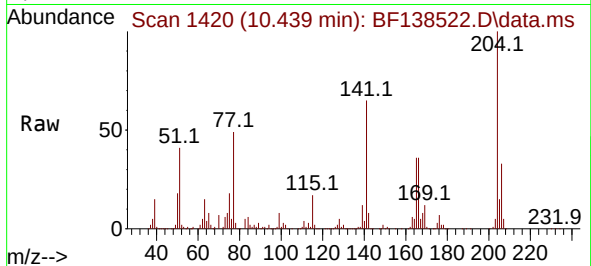




#61
4-Chlorophenyl-phenylether
Concen: 56.343 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

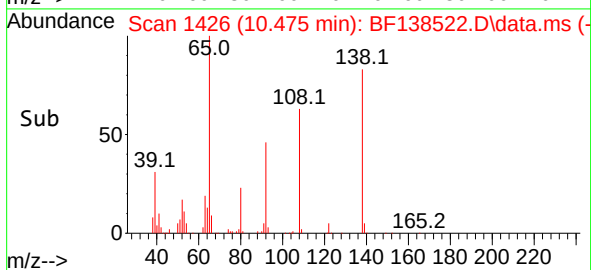
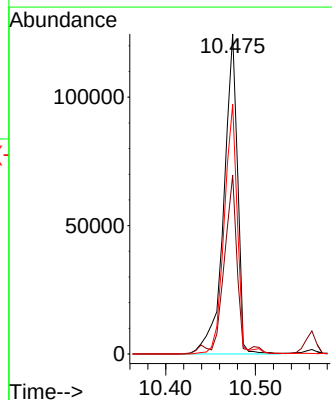
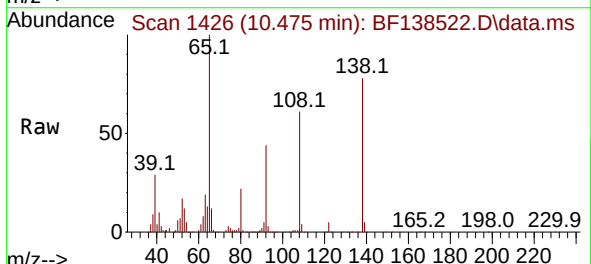
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

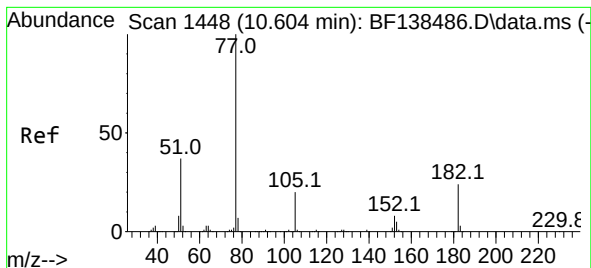
Tgt Ion:204 Resp: 327923
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 65.1 47.7 71.5



#62
4-Nitroaniline
Concen: 46.363 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:138 Resp: 132509
Ion Ratio Lower Upper
138 100
92 55.9 35.8 75.8
108 78.0 59.8 99.8





#63

Azobenzene

Concen: 57.820 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

Tgt Ion: 77 Resp: 724297

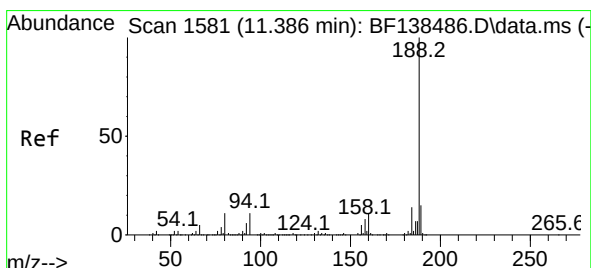
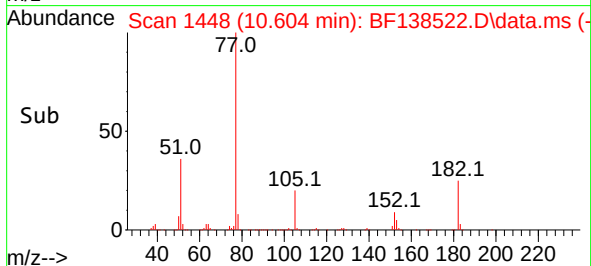
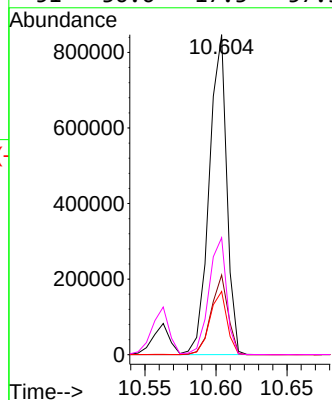
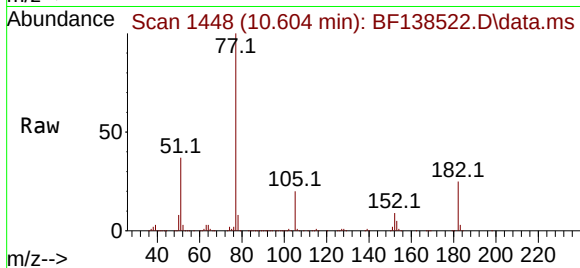
Ion Ratio Lower Upper

77 100

182 24.9 3.8 43.8

105 19.8 0.0 39.8

51 36.6 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

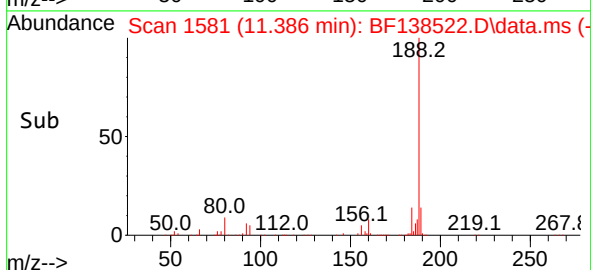
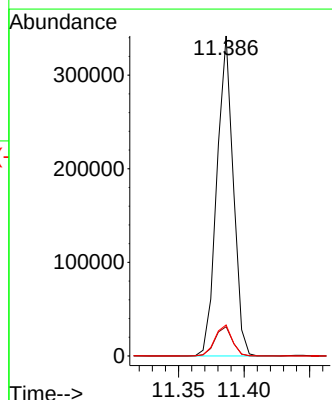
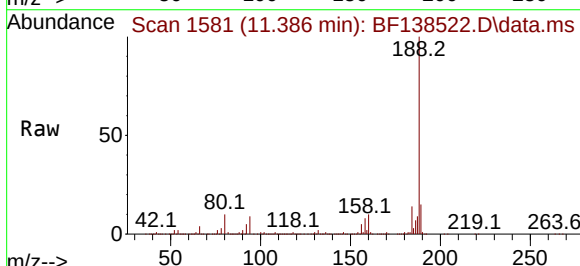
Tgt Ion:188 Resp: 296380

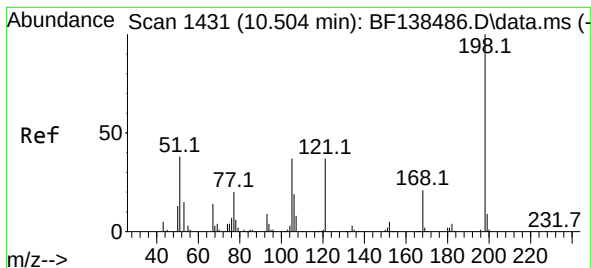
Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

80 9.7 9.0 13.4

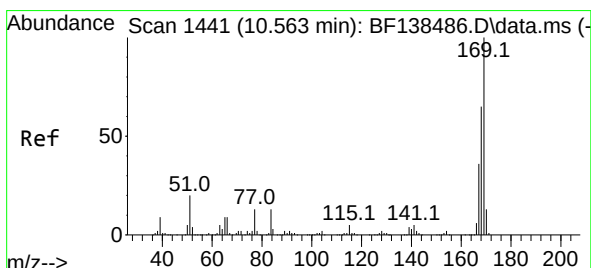
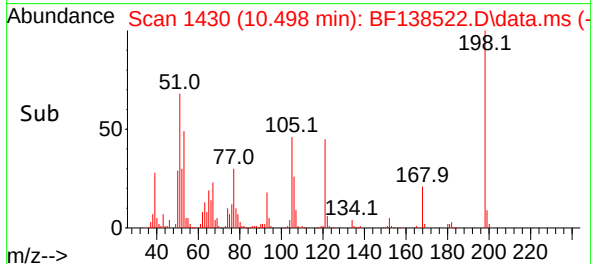
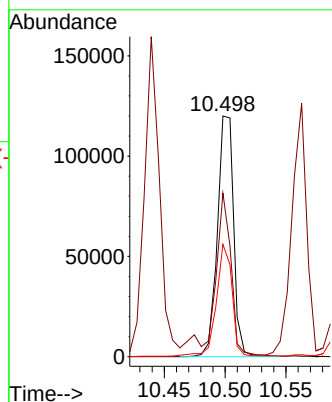
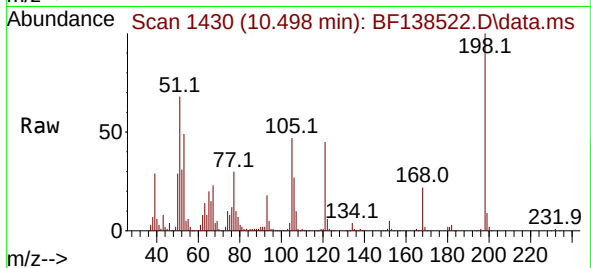




#65
4,6-Dinitro-2-methylphenol
Concen: 65.466 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

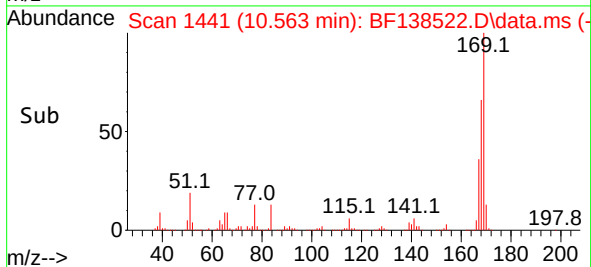
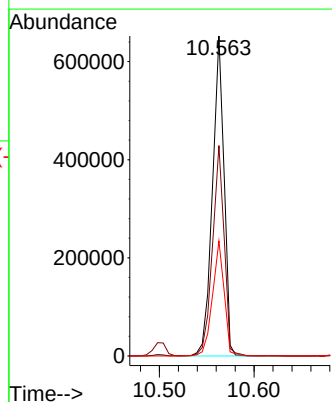
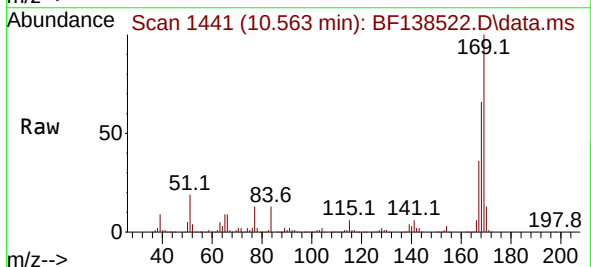
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

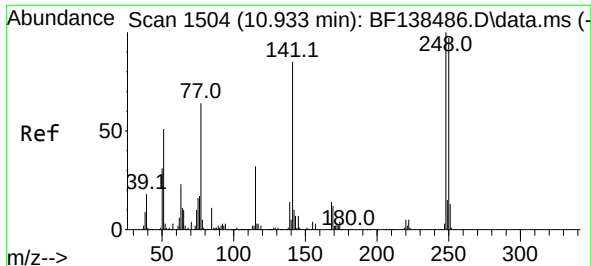
Tgt Ion:198 Resp: 112034
Ion Ratio Lower Upper
198 100
51 67.9 27.2 67.2#
105 46.7 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 62.386 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:169 Resp: 553971
Ion Ratio Lower Upper
169 100
168 65.7 51.7 77.5
167 35.9 28.5 42.7

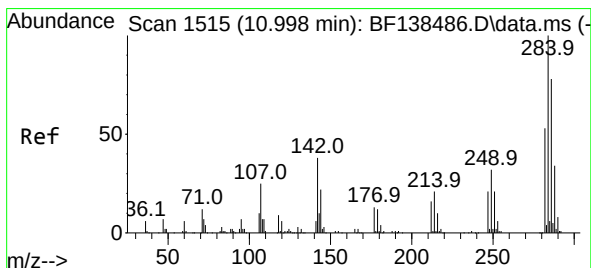
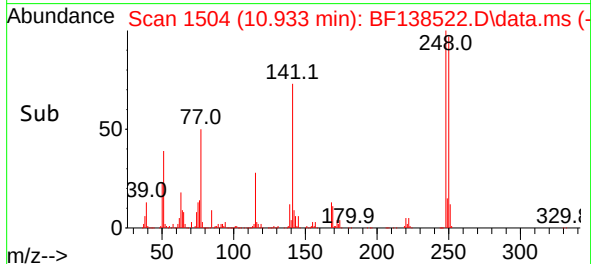
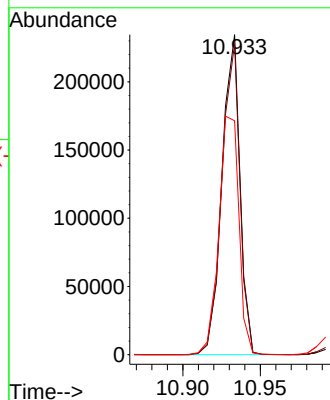
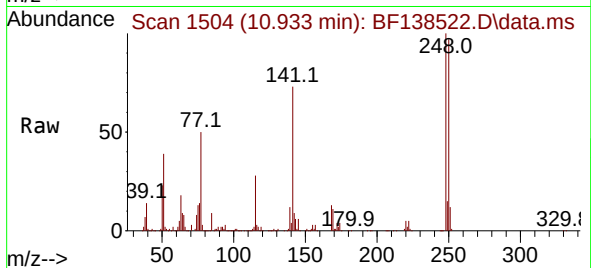




#67
4-Bromophenyl-phenylether
Concen: 62.353 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

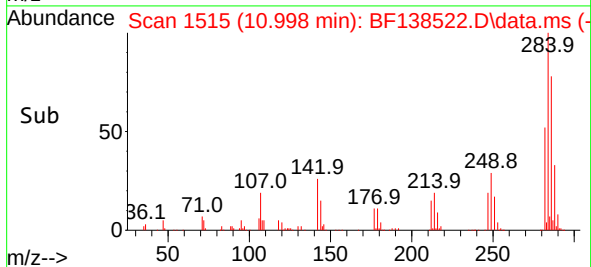
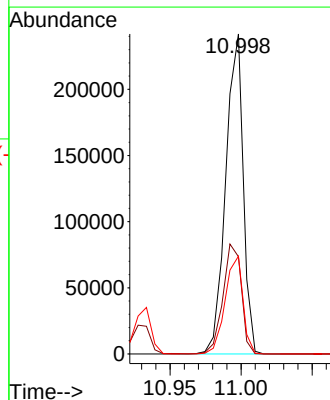
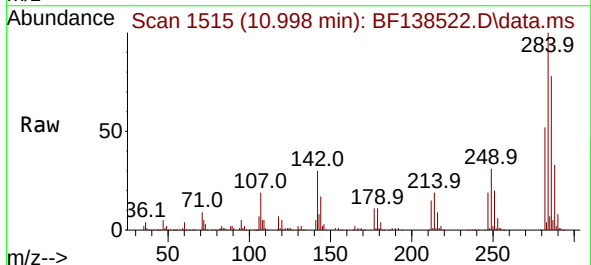
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

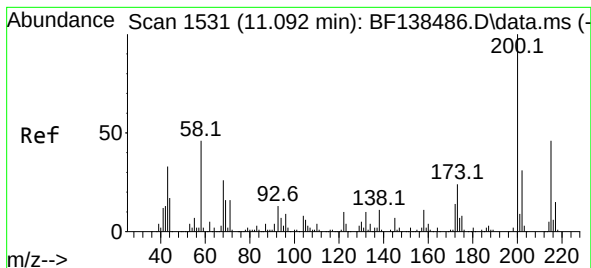
Tgt Ion:248 Resp: 189942
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 73.1 67.7 101.5



#68
Hexachlorobenzene
Concen: 60.959 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:284 Resp: 206294
Ion Ratio Lower Upper
284 100
142 30.4 30.5 45.7#
249 30.6 25.9 38.9





#69

Atrazine

Concen: 50.425 ng

RT: 11.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

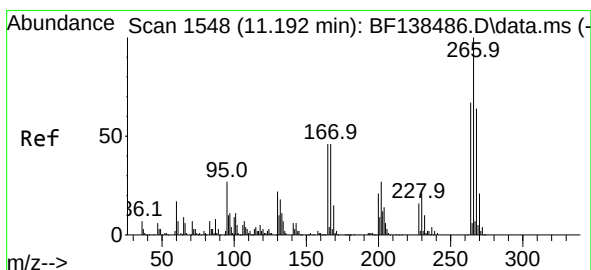
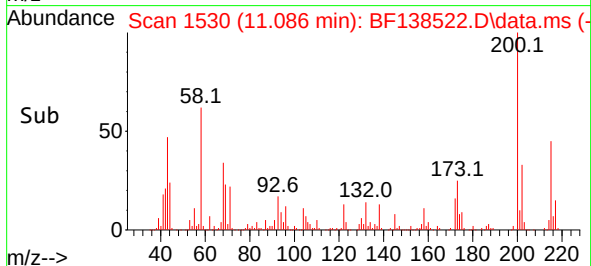
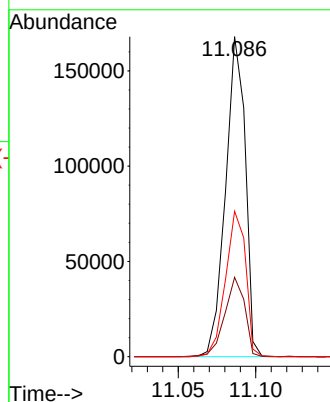
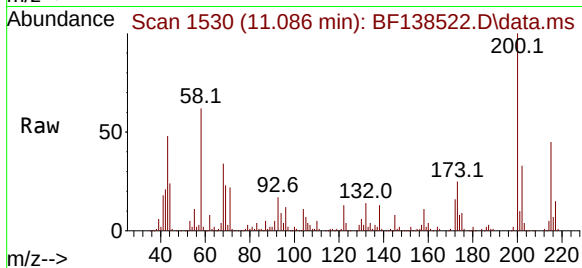
Tgt Ion:200 Resp: 148453

Ion Ratio Lower Upper

200 100

173 24.8 4.1 44.1

215 45.5 26.5 66.5



#70

Pentachlorophenol

Concen: 111.164 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

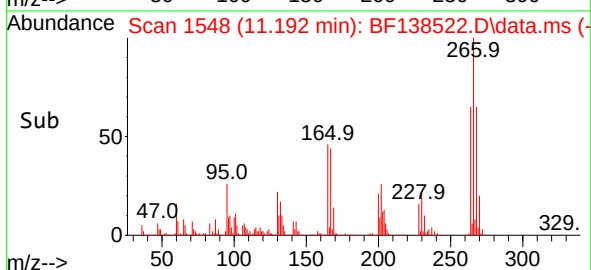
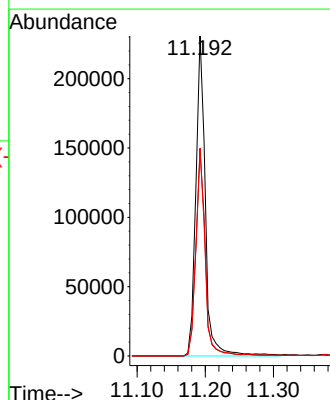
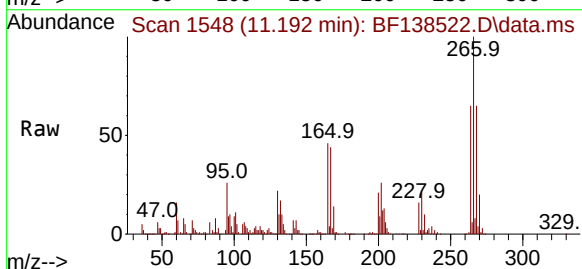
Tgt Ion:266 Resp: 222604

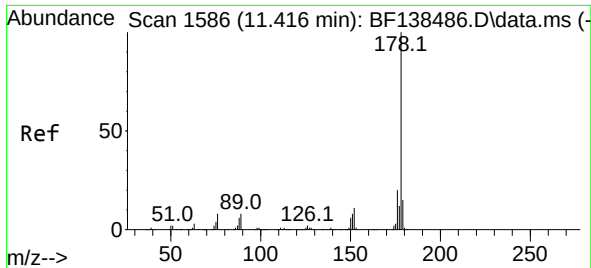
Ion Ratio Lower Upper

266 100

268 64.5 50.9 76.3

264 64.9 53.5 80.3

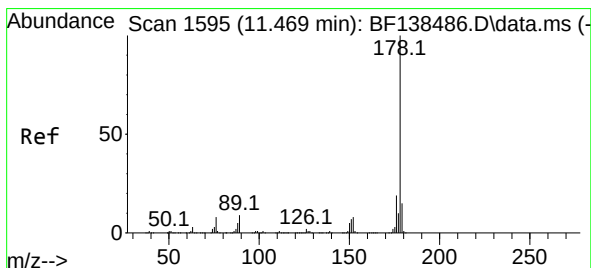
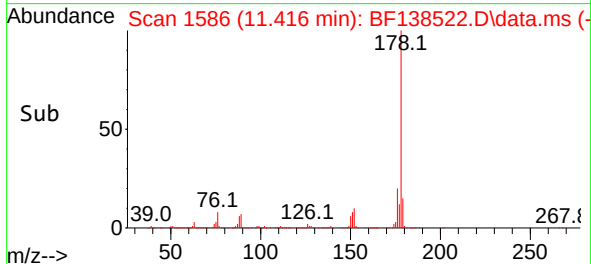
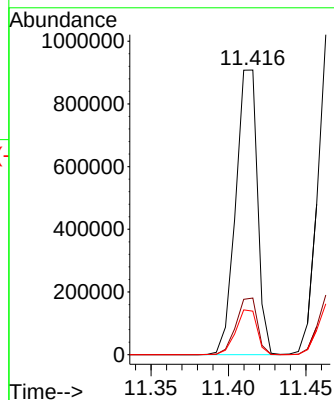
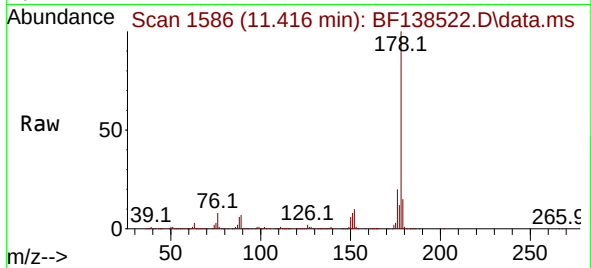




#71
Phenanthrene
Concen: 59.161 ng
RT: 11.416 min Scan# 11594
Delta R.T. 0.000 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

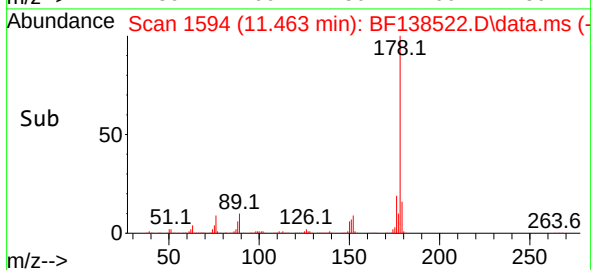
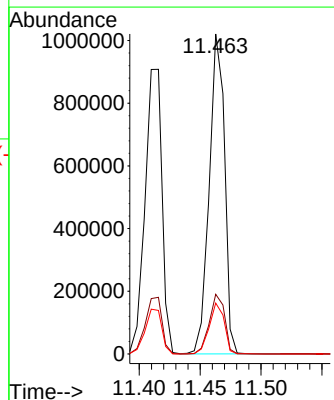
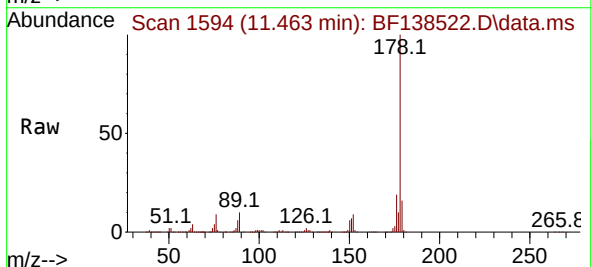
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

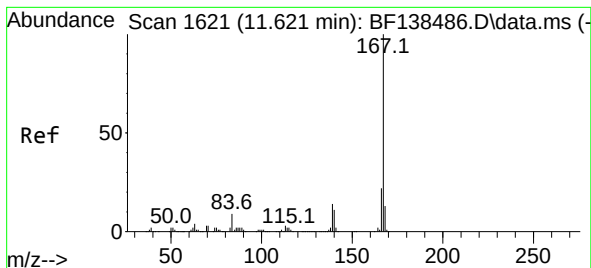
Tgt Ion:178 Resp: 885846
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.3 12.2 18.2



#72
Anthracene
Concen: 59.987 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:178 Resp: 891622
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.9 12.2 18.4





#73

Carbazole

Concen: 53.345 ng

RT: 11.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

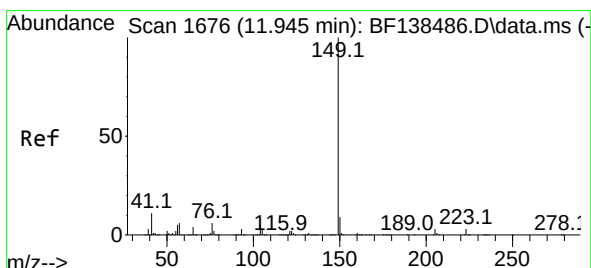
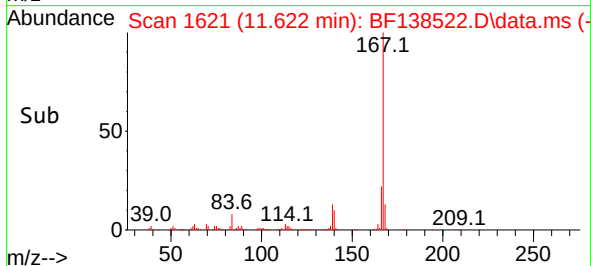
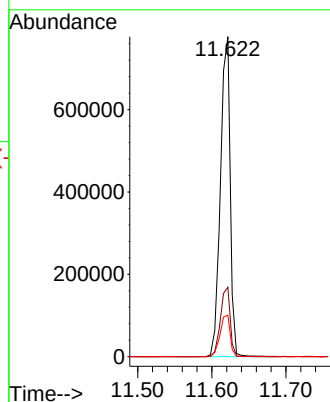
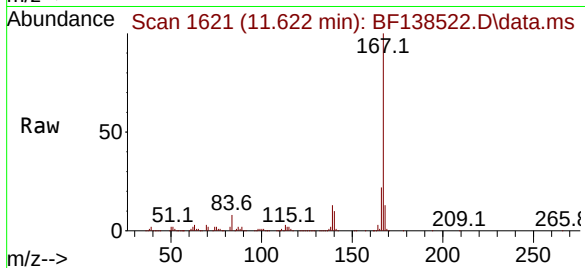
Tgt Ion:167 Resp: 712553

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

139 13.0 11.0 16.4



#74

Di-n-butylphthalate

Concen: 65.763 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

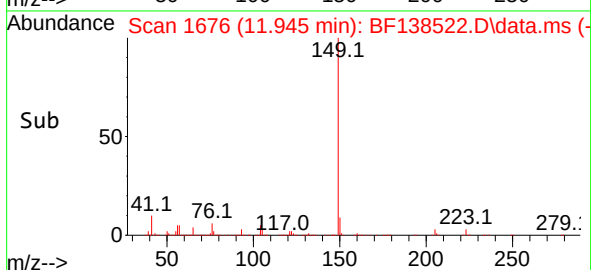
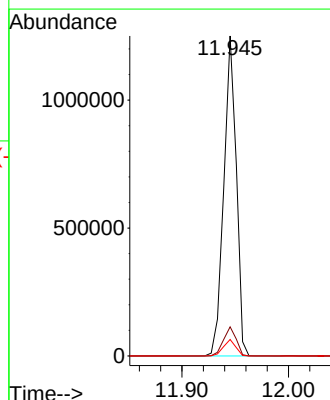
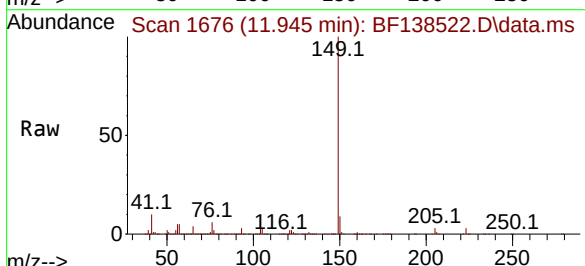
Tgt Ion:149 Resp: 1012530

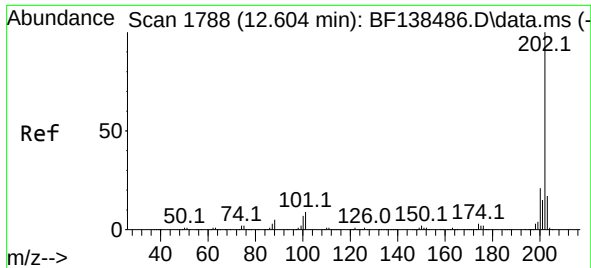
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.2 4.4 6.6

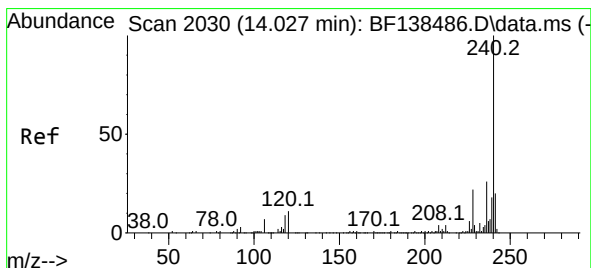
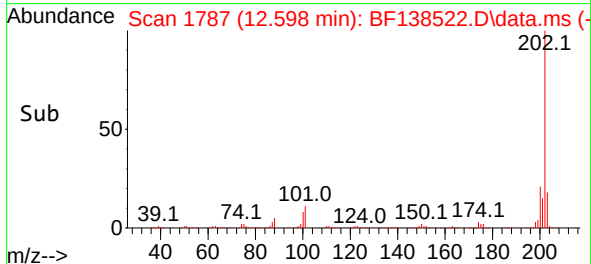
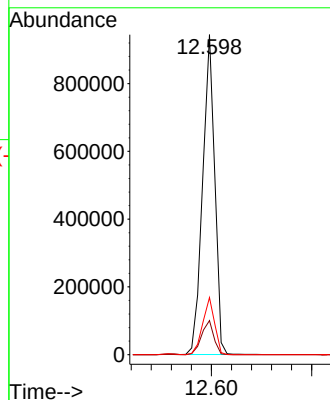
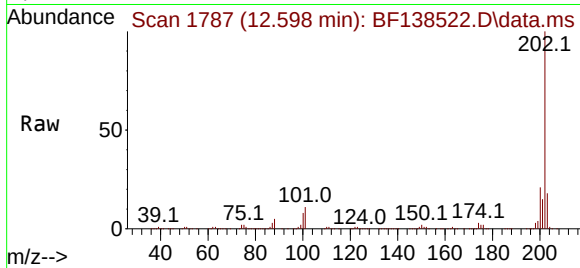




#75
Fluoranthene
Concen: 52.046 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

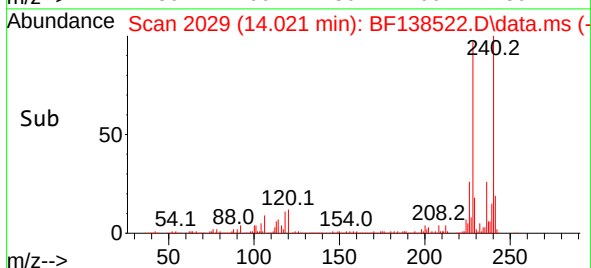
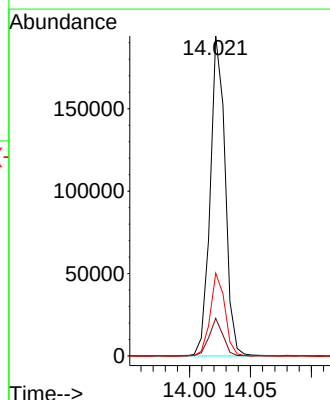
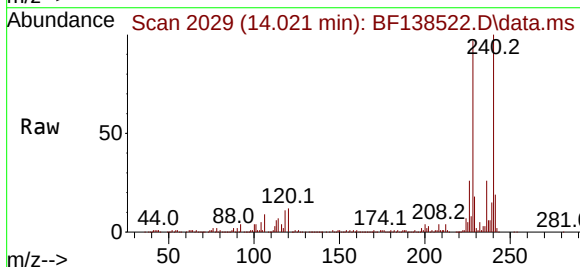
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

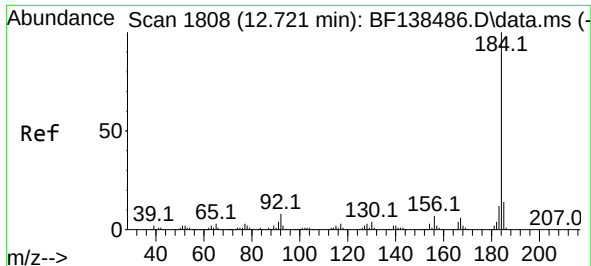
Tgt Ion:202 Resp: 795196
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.2
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:240 Resp: 165443
Ion Ratio Lower Upper
240 100
120 11.8 8.6 12.8
236 25.9 21.0 31.6

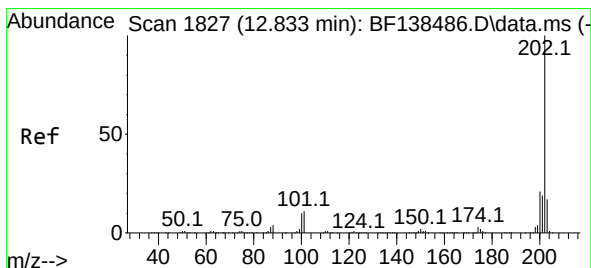
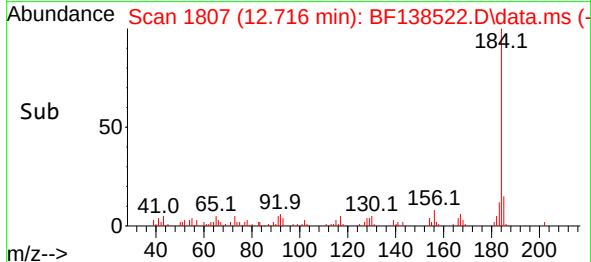
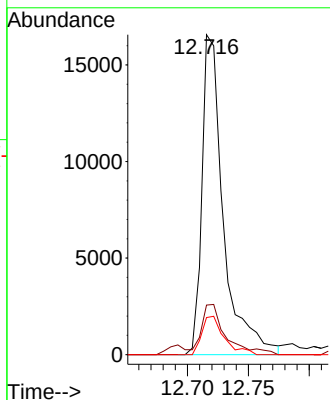
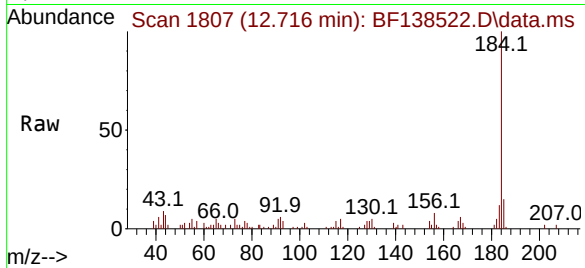




#77
Benzidine
Concen: 4.880 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.005 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

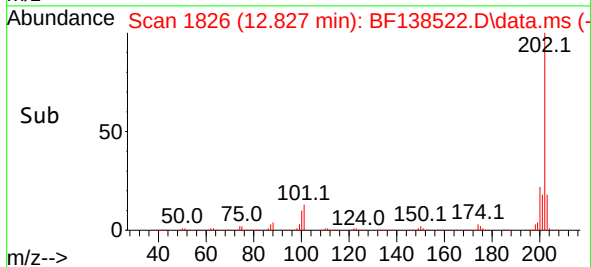
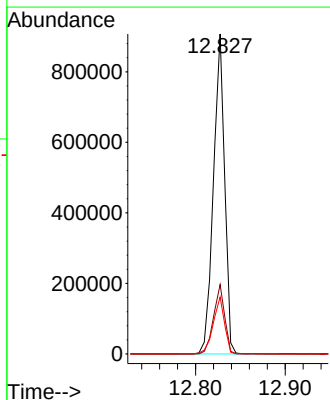
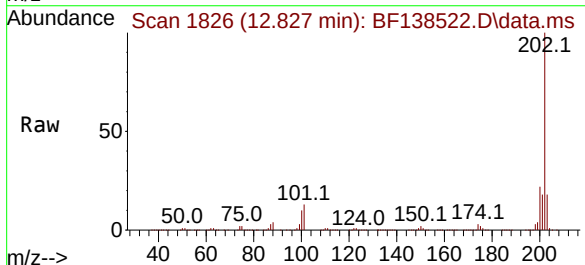
Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

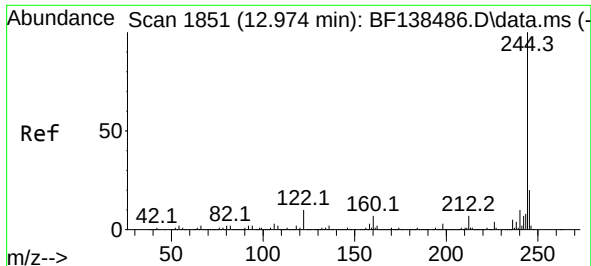
Tgt Ion:184 Resp: 20371
Ion Ratio Lower Upper
184 100
185 15.5 11.3 16.9
183 11.6 9.5 14.3



#78
Pyrene
Concen: 46.836 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:202 Resp: 786603
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 17.8 13.7 20.5

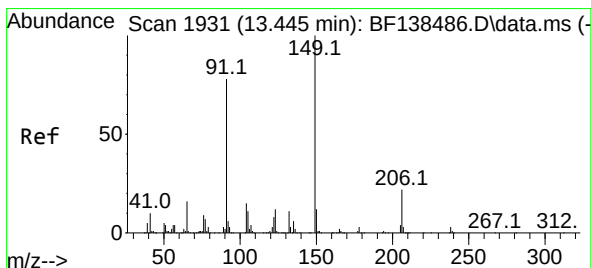
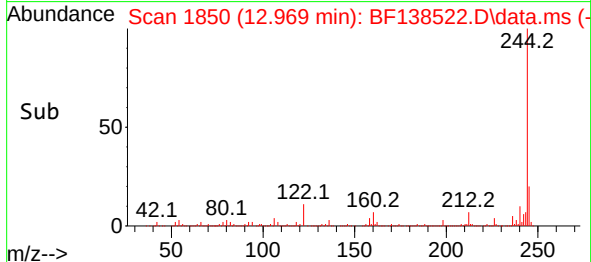
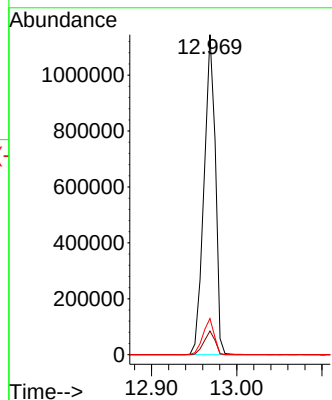
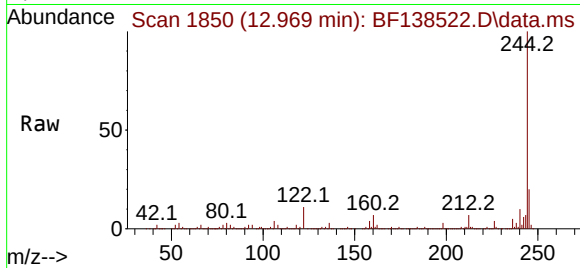




#79
 Terphenyl-d14
 Concen: 103.945 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138522.D
 Acq: 11 Jul 2024 14:40

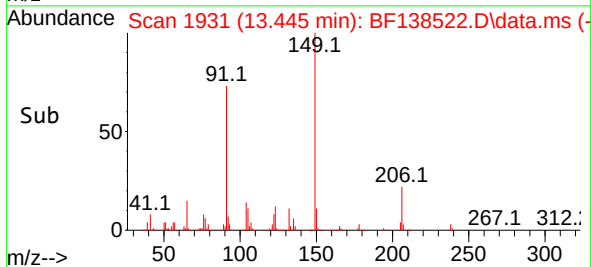
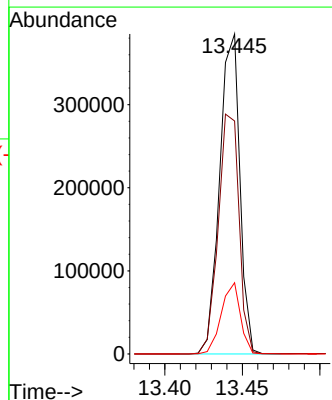
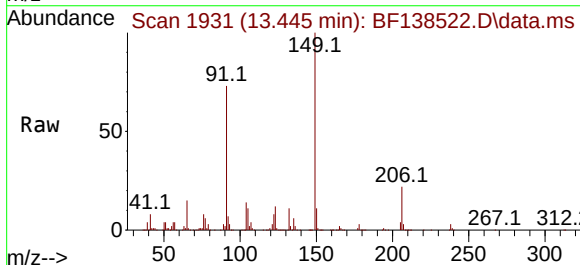
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226MS

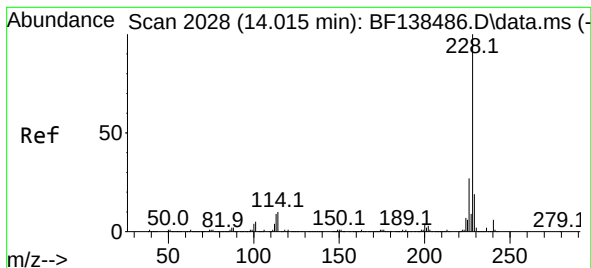
Tgt Ion:244 Resp: 1055600
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 11.3 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 69.182 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: BF138522.D
 Acq: 11 Jul 2024 14:40

Tgt Ion:149 Resp: 349519
 Ion Ratio Lower Upper
 149 100
 91 72.8 62.1 93.1
 206 22.2 18.0 27.0





#81

Benzo(a)anthracene

Concen: 59.240 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

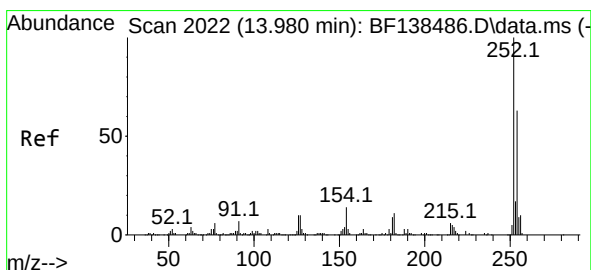
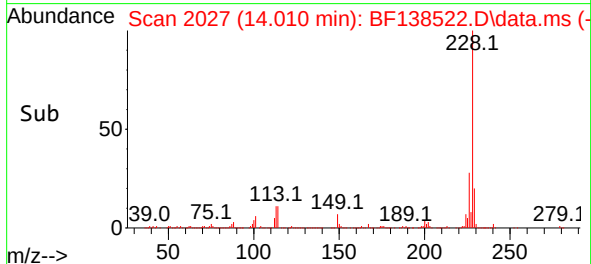
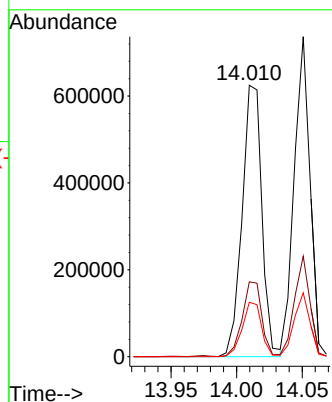
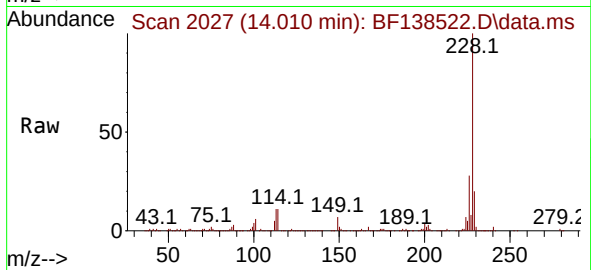
Tgt Ion:228 Resp: 657637

Ion Ratio Lower Upper

228 100

226 27.6 21.9 32.9

229 20.1 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 32.796 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

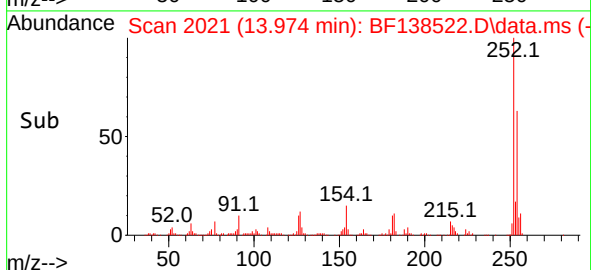
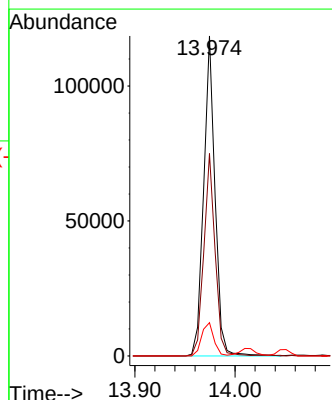
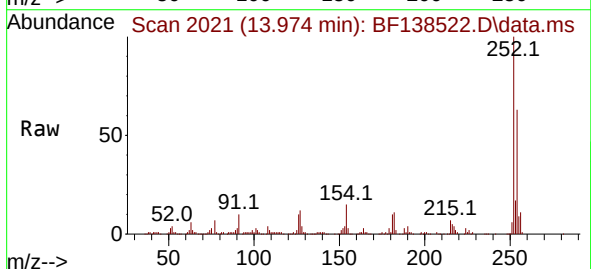
Tgt Ion:252 Resp: 93812

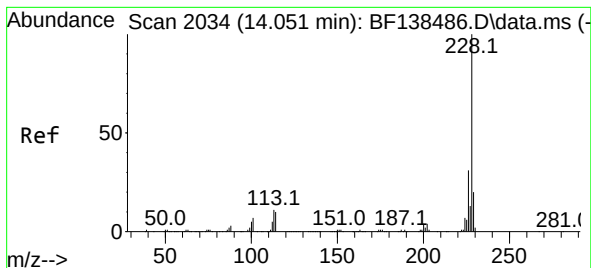
Ion Ratio Lower Upper

252 100

254 63.2 50.3 75.5

126 10.4 8.1 12.1





#83

Chrysene

Concen: 59.258 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

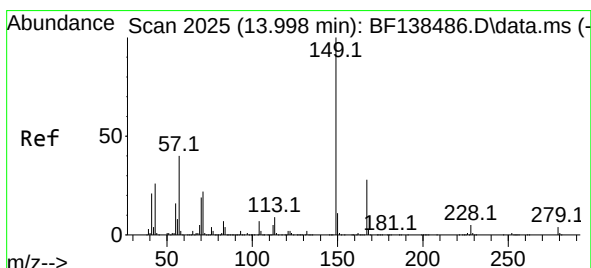
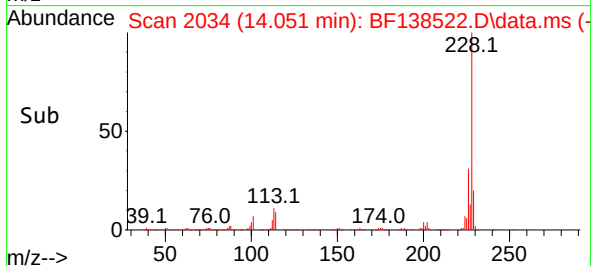
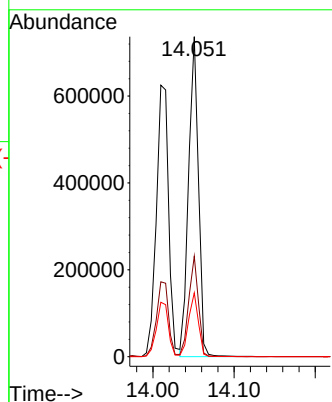
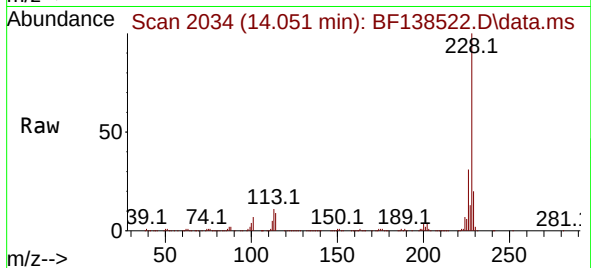
Tgt Ion:228 Resp: 622322

Ion Ratio Lower Upper

228 100

226 31.4 24.4 36.6

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 92.361 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

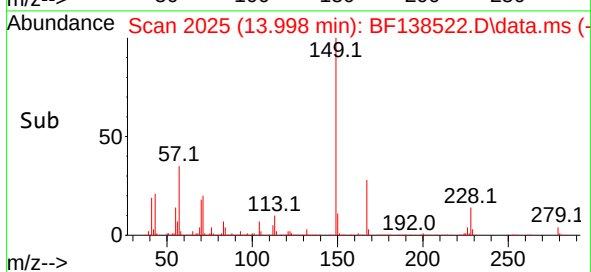
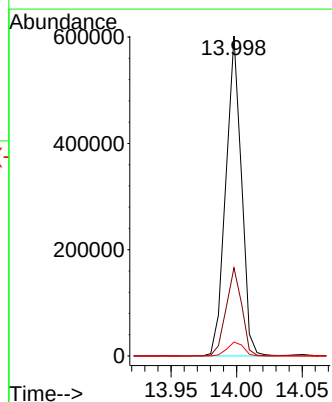
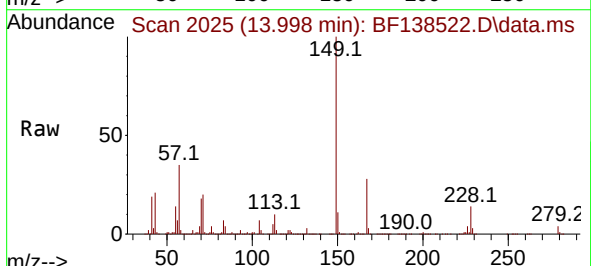
Tgt Ion:149 Resp: 497660

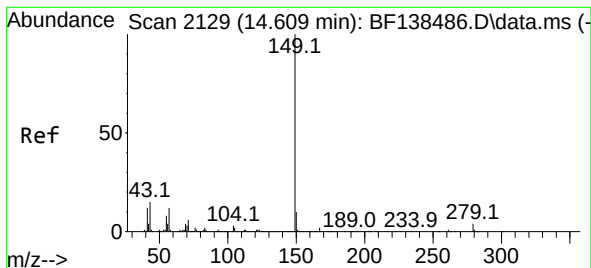
Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 96.641 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.001 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

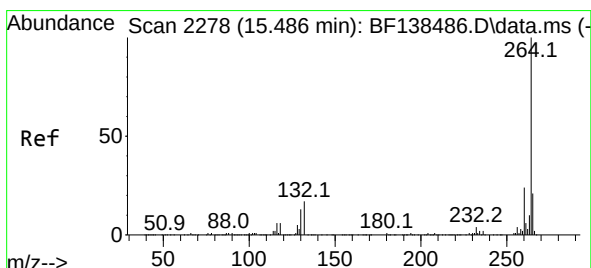
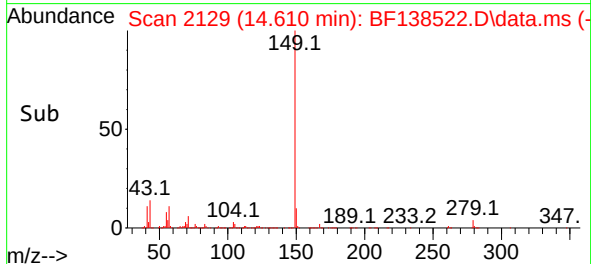
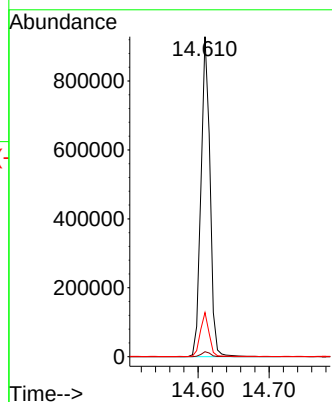
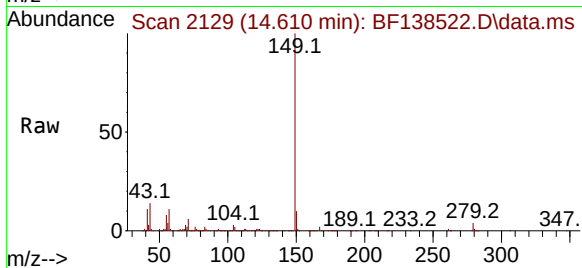
Tgt Ion:149 Resp: 822614

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.3 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

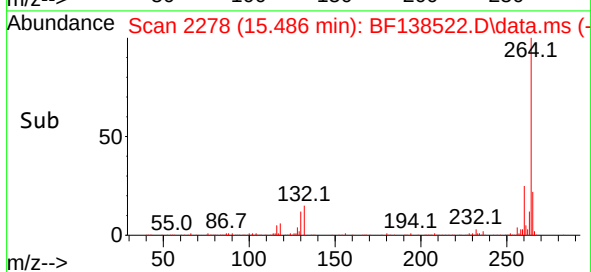
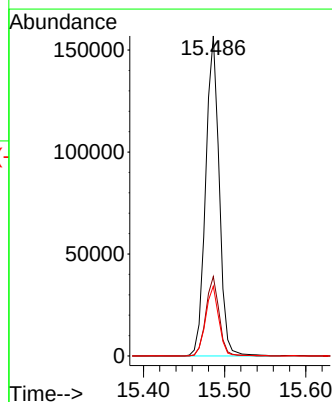
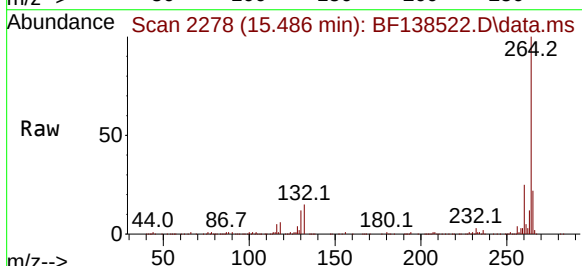
Tgt Ion:264 Resp: 181401

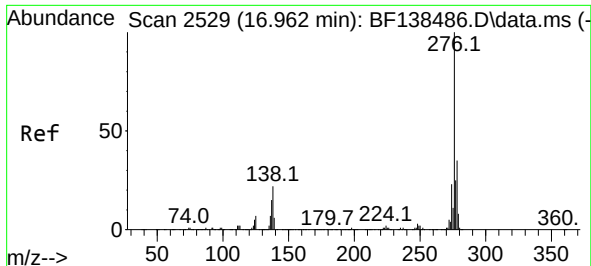
Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

265 21.8 17.0 25.4

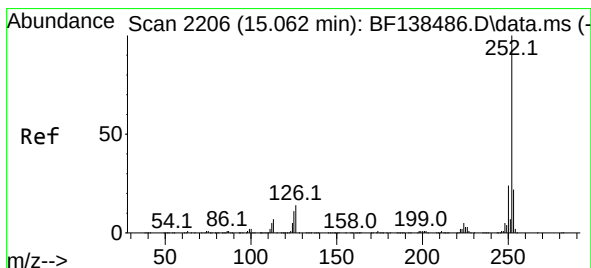
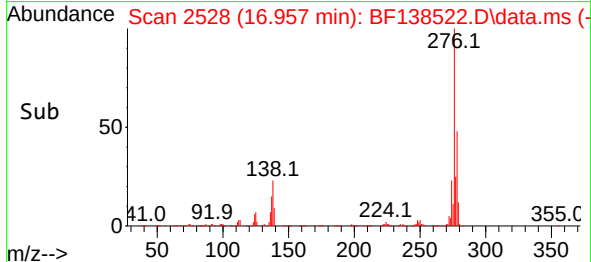
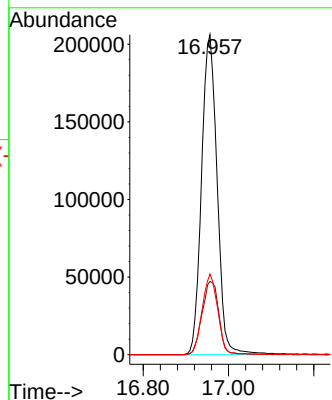
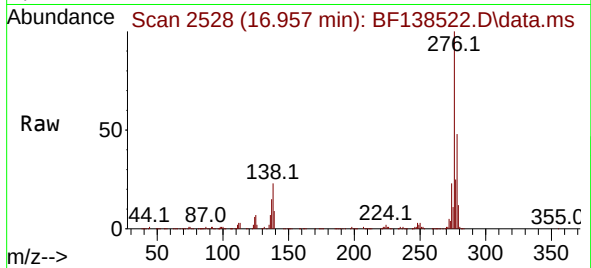




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.952 ng
 RT: 16.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138522.D
 Acq: 11 Jul 2024 14:40

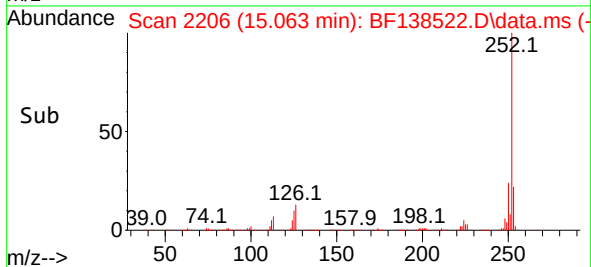
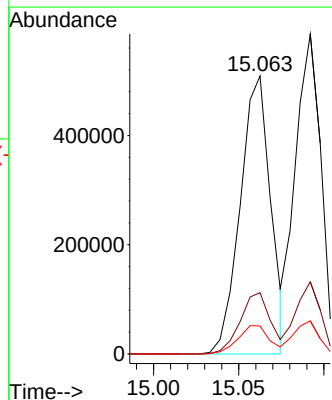
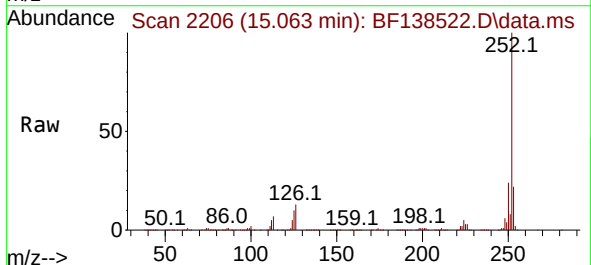
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226MS

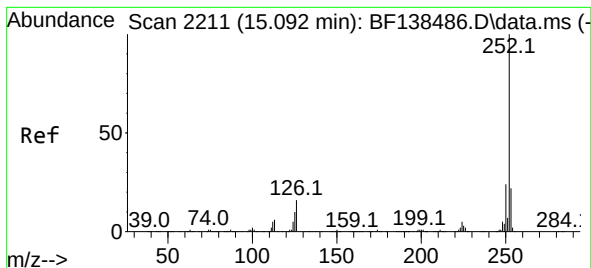
Tgt Ion:276 Resp: 523357
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.6 29.4
 277 25.2 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 61.910 ng
 RT: 15.063 min Scan# 2206
 Delta R.T. 0.000 min
 Lab File: BF138522.D
 Acq: 11 Jul 2024 14:40

Tgt Ion:252 Resp: 632475
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.3 25.9
 125 10.1 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 62.369 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

Instrument :

BNA_F

ClientSampleId :

VNJ-226MS

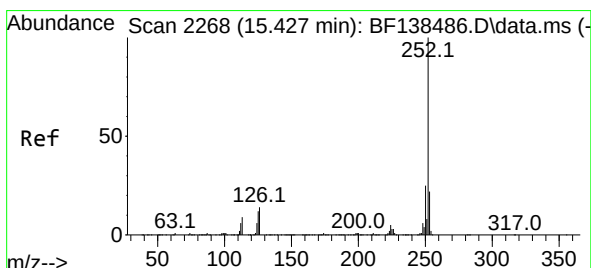
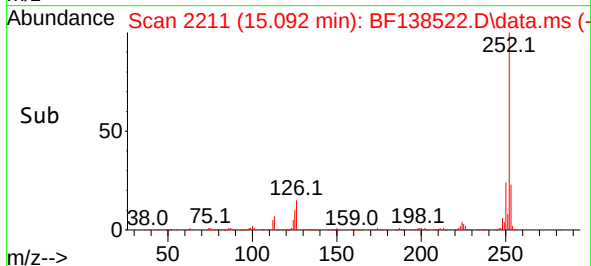
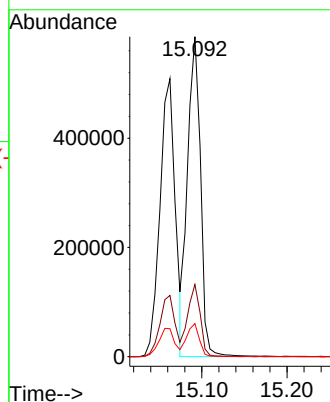
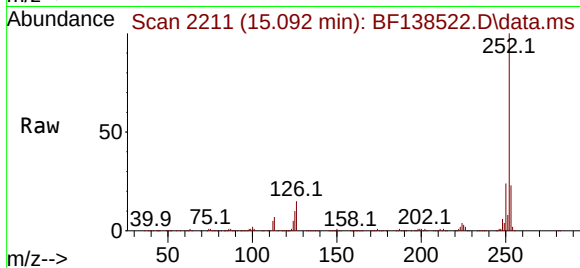
Tgt Ion:252 Resp: 621416

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 10.3 8.1 12.1



#90

Benzo(a)pyrene

Concen: 63.347 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF138522.D

Acq: 11 Jul 2024 14:40

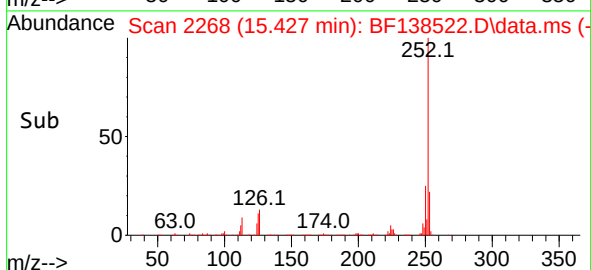
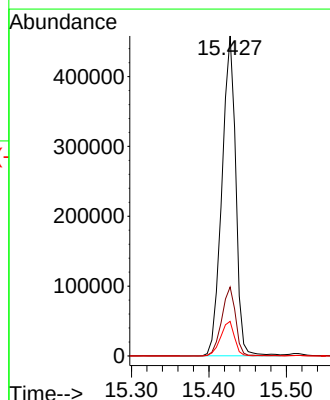
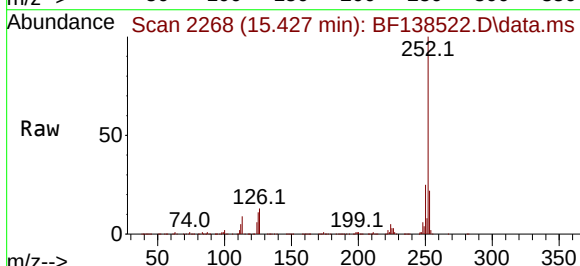
Tgt Ion:252 Resp: 568499

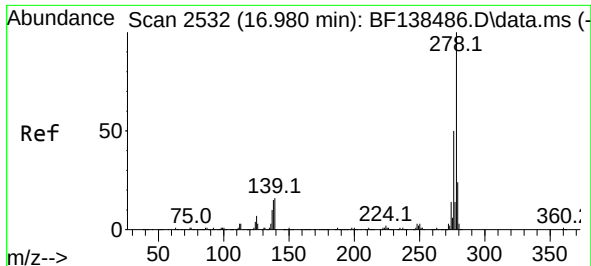
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.8 9.4 14.2

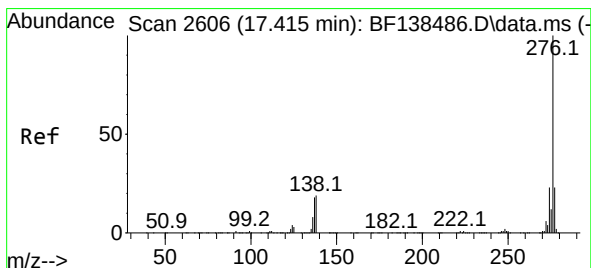
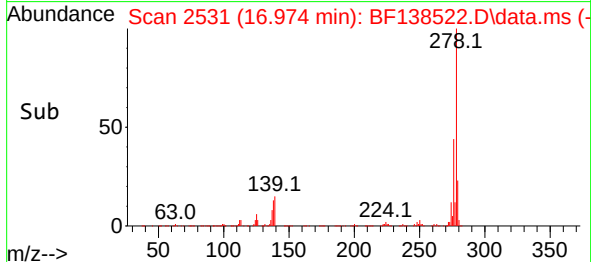
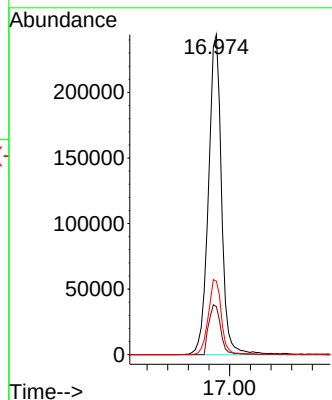
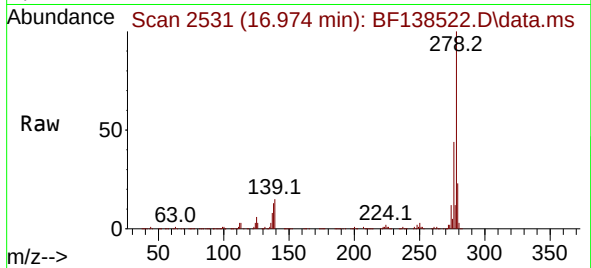




#91
Dibenzo(a,h)anthracene
Concen: 42.961 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

Tgt Ion:278 Resp: 428200
Ion Ratio Lower Upper
278 100
139 15.1 12.8 19.2
279 23.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 35.013 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF138522.D
Acq: 11 Jul 2024 14:40

Tgt Ion:276 Resp: 370057
Ion Ratio Lower Upper
276 100
277 24.1 18.0 27.0
138 21.2 15.5 23.3

