

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138321.D
 Acq On : 24 Jun 2024 20:41
 Operator : CG\JU
 Sample : P23009-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204MS

Quant Time: Jun 25 01:18:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	235399	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	832347	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	370938	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	606845	20.000	ng	0.00
76) Chrysene-d12	14.051	240	382267	20.000	ng	0.00
86) Perylene-d12	15.527	264	327277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1163599	82.689	ng	0.00
7) Phenol-d6	6.522	99	1408323	78.925	ng	0.00
23) Nitrobenzene-d5	7.451	82	844869	59.092	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	330713	89.557	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1532953	65.715	ng	0.00
79) Terphenyl-d14	12.992	244	1629471	67.513	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	245229	38.080	ng	96
3) Pyridine	3.504	79	615689	40.227	ng	98
4) n-Nitrosodimethylamine	3.463	42	310345	43.813	ng	92
6) Aniline	6.551	93	366030	20.964	ng	99
8) 2-Chlorophenol	6.675	128	706773	46.457	ng	99
9) Benzaldehyde	6.439	77	148124	15.629	ng	95
10) Phenol	6.539	94	818598	45.206	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	652324	45.010	ng	100
12) 1,3-Dichlorobenzene	6.828	146	743940	43.028	ng	99
13) 1,4-Dichlorobenzene	6.904	146	752557	43.252	ng	100
14) 1,2-Dichlorobenzene	7.057	146	713117	43.659	ng	99
15) Benzyl Alcohol	7.034	79	560925	46.622	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	829906	40.574	ng	95
17) 2-Methylphenol	7.145	107	537924	44.815	ng	98
18) Hexachloroethane	7.398	117	241911	41.039	ng	92
19) n-Nitroso-di-n-propyla...	7.304	70	444600	42.035	ng	97
20) 3+4-Methylphenols	7.292	107	624611	41.343	ng	93
22) Acetophenone	7.298	105	795816	41.854	ng	# 94
24) Nitrobenzene	7.469	77	664343	44.958	ng	97
25) Isophorone	7.710	82	1198473	46.342	ng	99
26) 2-Nitrophenol	7.786	139	349889	58.884	ng	97
27) 2,4-Dimethylphenol	7.822	122	445966	49.332	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	760699	46.990	ng	99
29) 2,4-Dichlorophenol	8.028	162	518975	44.590	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	602519	43.897	ng	99
31) Naphthalene	8.192	128	1779567	43.238	ng	99
32) Benzoic acid	7.933	122	232661	29.201	ng	98
33) 4-Chloroaniline	8.239	127	163578	10.634	ng	96
34) Hexachlorobutadiene	8.304	225	360182	44.868	ng	99
35) Caprolactam	8.610	113	144022	40.989	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	495858	42.790	ng	96
37) 2-Methylnaphthalene	8.880	142	1117694	41.379	ng	99
38) 1-Methylnaphthalene	8.980	142	1030840	38.944	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	504056	46.502	ng	100
41) Hexachlorocyclopentadiene	9.033	237	144787	40.965	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	343797	50.654	ng	98

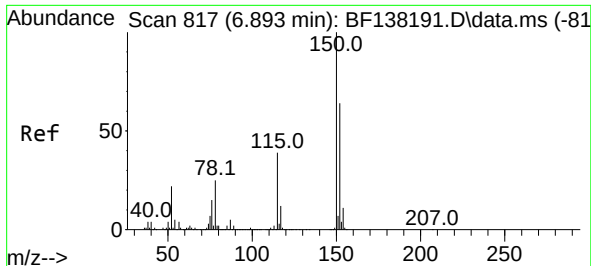
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 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	354864	47.611	ng	97
46) 1,1'-Biphenyl	9.345	154	1258972	46.254	ng	98
47) 2-Chloronaphthalene	9.375	162	1005514	46.743	ng	97
48) 2-Nitroaniline	9.469	65	277635	53.592	ng	90
49) Acenaphthylene	9.786	152	1485915	49.261	ng	98
50) Dimethylphthalate	9.645	163	1219521	53.658	ng	100
51) 2,6-Dinitrotoluene	9.710	165	253478	51.409	ng	89
52) Acenaphthene	9.963	154	892939	43.412	ng	99
53) 3-Nitroaniline	9.874	138	185559	35.229	ng	96
54) 2,4-Dinitrophenol	9.980	184	47974	27.459	ng	94
55) Dibenzofuran	10.133	168	1307391	45.468	ng	97
56) 4-Nitrophenol	10.039	139	362792	87.158	ng	94
57) 2,4-Dinitrotoluene	10.110	165	309162	50.838	ng	91
58) Fluorene	10.474	166	969561	42.886	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	264738	45.448	ng	100
60) Diethylphthalate	10.345	149	1100484	51.018	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	514521	45.697	ng	98
62) 4-Nitroaniline	10.486	138	208727	39.661	ng	98
63) Azobenzene	10.627	77	940045	43.500	ng	92
65) 4,6-Dinitro-2-methylph...	10.516	198	47016	19.942	ng	87
66) n-Nitrosodiphenylamine	10.586	169	879801	47.355	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	316514	46.287	ng	95
68) Hexachlorobenzene	11.021	284	353854	44.342	ng	95
69) Atrazine	11.110	200	269019	50.837	ng	98
70) Pentachlorophenol	11.216	266	404015	86.810	ng	98
71) Phenanthrene	11.439	178	1448255	48.258	ng	98
72) Anthracene	11.486	178	1444526	48.480	ng	98
73) Carbazole	11.645	167	1285455	47.037	ng	99
74) Di-n-butylphthalate	11.968	149	1568436	55.437	ng	99
75) Fluoranthene	12.627	202	1742299	56.933	ng	98
77) Benzidine	12.745	184	606466	137.161	ng	98
78) Pyrene	12.857	202	1746998	52.983	ng	98
80) Butylbenzylphthalate	13.468	149	687680	76.674	ng	95
81) Benzo(a)anthracene	14.045	228	1271024	51.827	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	377158	55.846	ng	100
83) Chrysene	14.080	228	1235327	52.846	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	950141	91.085	ng	98
85) Di-n-octyl phthalate	14.645	149	1537275	99.199	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1053966	49.400	ng	99
88) Benzo(b)fluoranthene	15.098	252	1068746	55.376	ng	100
89) Benzo(k)fluoranthene	15.127	252	965782	51.060	ng	100
90) Benzo(a)pyrene	15.468	252	901242	54.356	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	825842	47.158	ng	98
92) Benzo(g,h,i)perylene	17.468	276	798082	44.053	ng	99

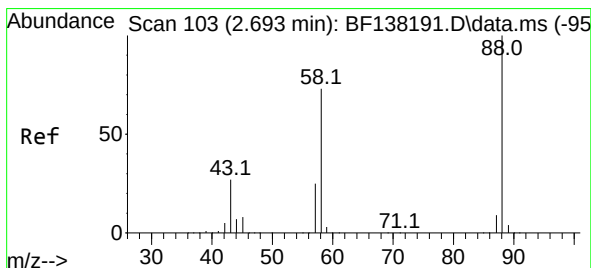
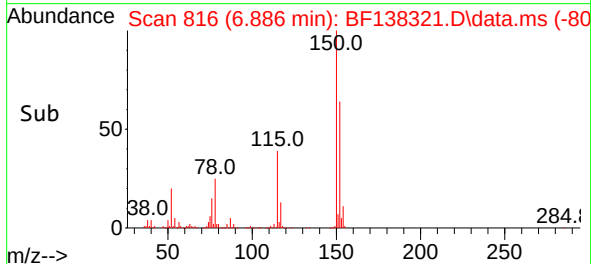
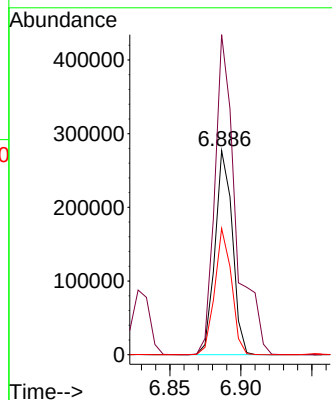
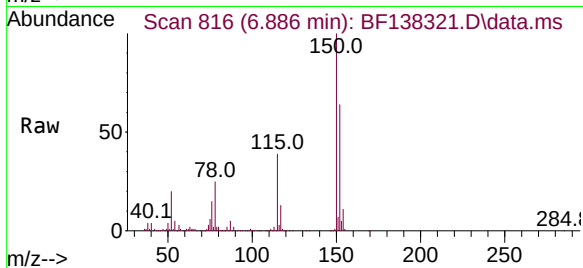
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BF138321.D
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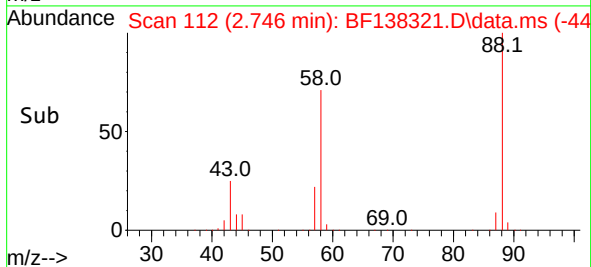
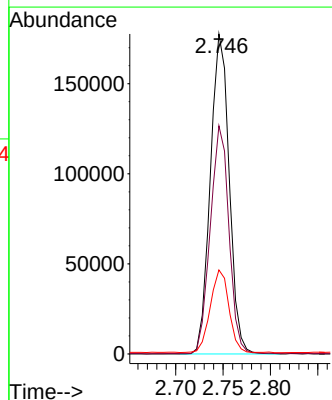
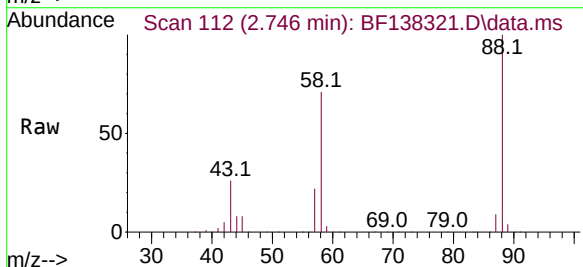
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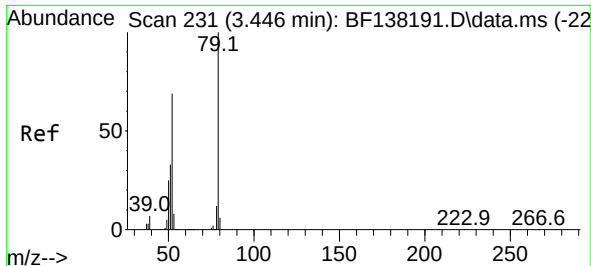
Tgt Ion:152 Resp: 235399
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.0 187.4
 115 61.9 48.4 72.6



#2
 1,4-Dioxane
 Concen: 38.080 ng
 RT: 2.746 min Scan# 112
 Delta R.T. 0.053 min
 Lab File: BF138321.D
 Acq: 24 Jun 2024 20:41

Tgt Ion: 88 Resp: 245229
 Ion Ratio Lower Upper
 88 100
 58 70.5 58.6 87.8
 43 25.5 22.4 33.6

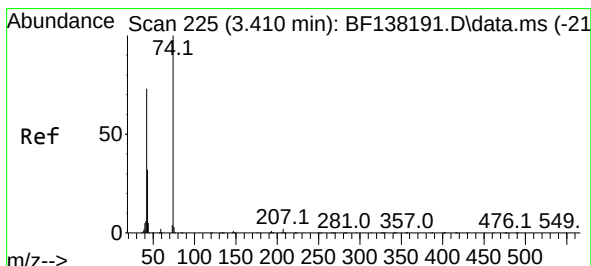
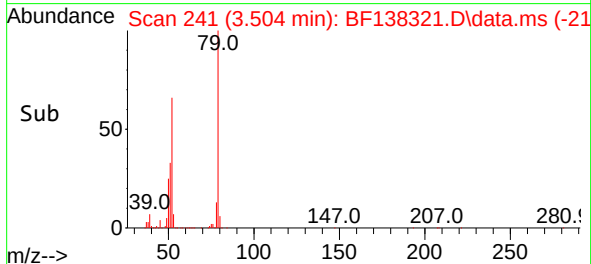
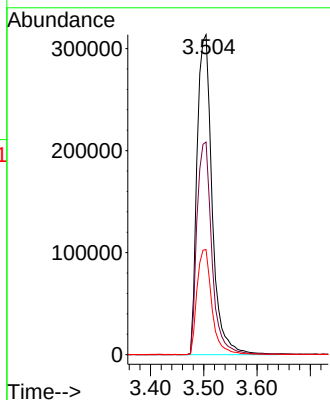
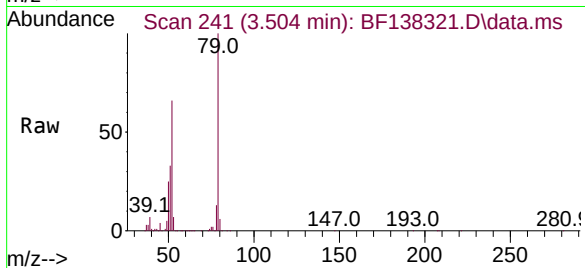




#3
Pyridine
Concen: 40.227 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.059 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

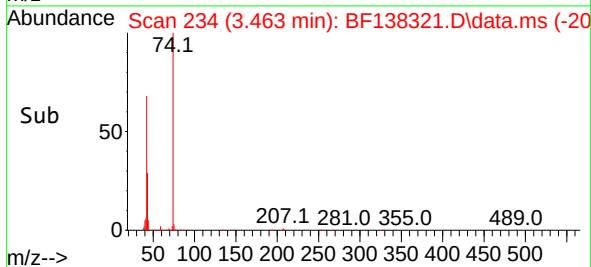
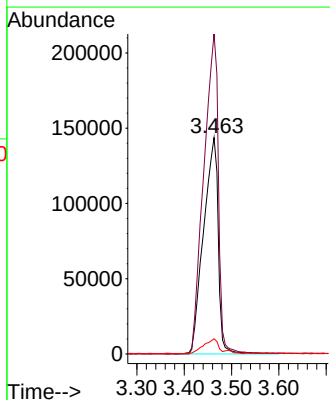
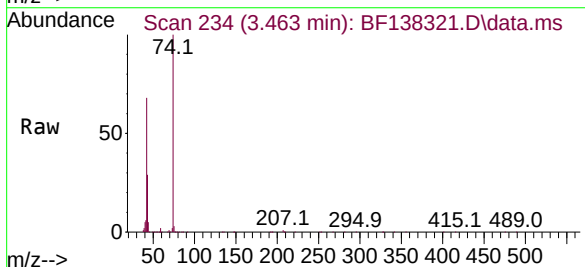
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ClientSampleId :
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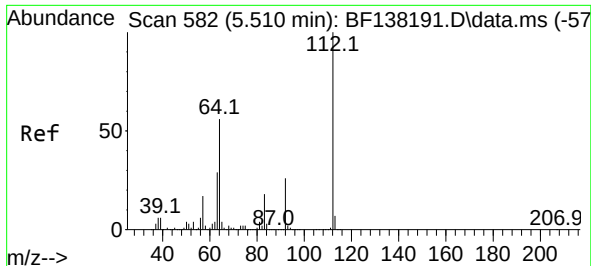
Tgt Ion: 79 Resp: 615689
Ion Ratio Lower Upper
79 100
52 66.4 55.0 82.4
51 32.9 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 43.813 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.053 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion: 42 Resp: 310345
Ion Ratio Lower Upper
42 100
74 147.9 109.9 164.9
44 7.0 5.2 7.8

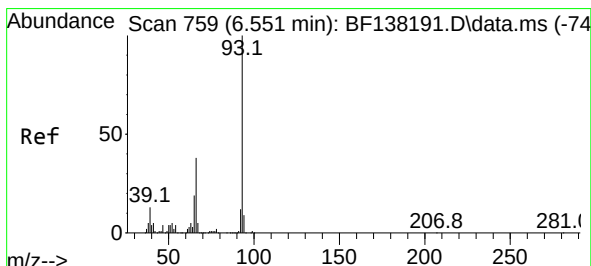
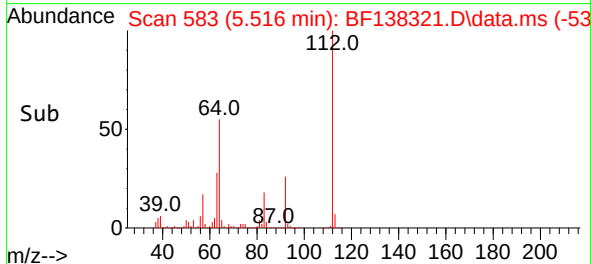
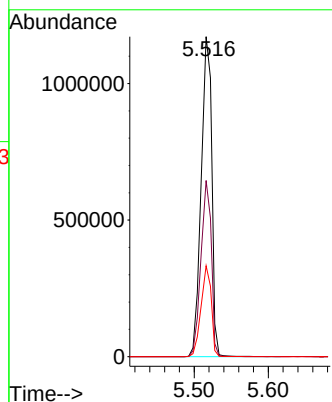
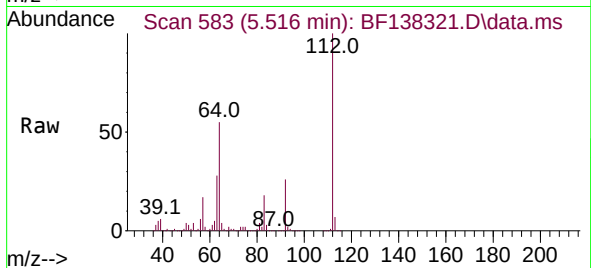




#5
2-Fluorophenol
Concen: 82.689 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

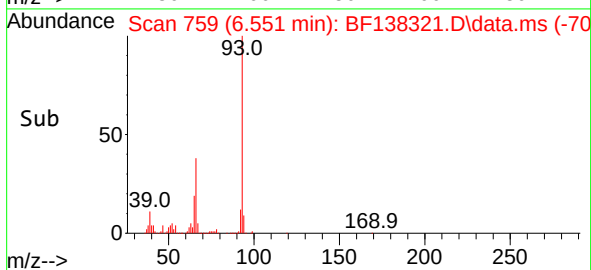
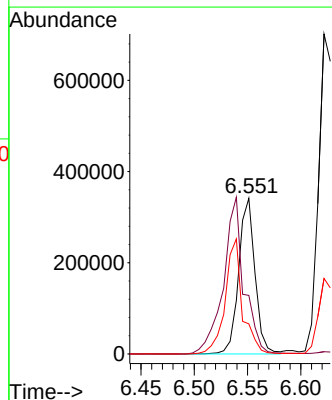
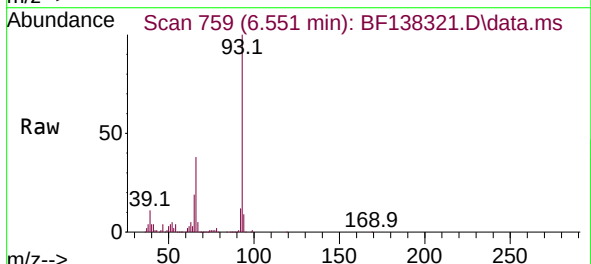
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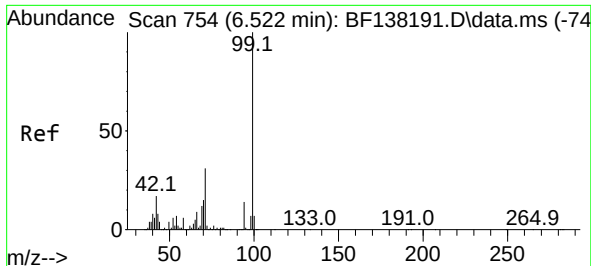
Tgt Ion:112 Resp: 1163599
Ion Ratio Lower Upper
112 100
64 55.0 45.2 67.8
63 28.4 22.9 34.3



#6
Aniline
Concen: 20.964 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion: 93 Resp: 366030
Ion Ratio Lower Upper
93 100
66 37.6 30.8 46.2
65 19.4 15.5 23.3

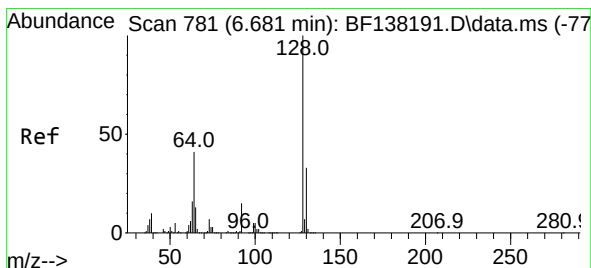
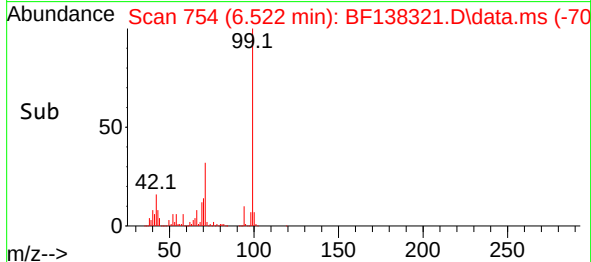
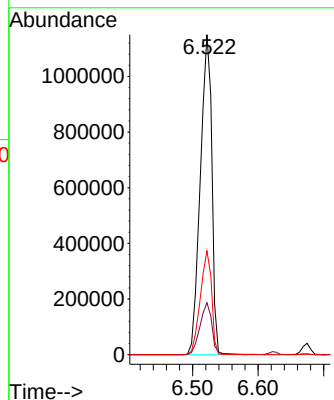
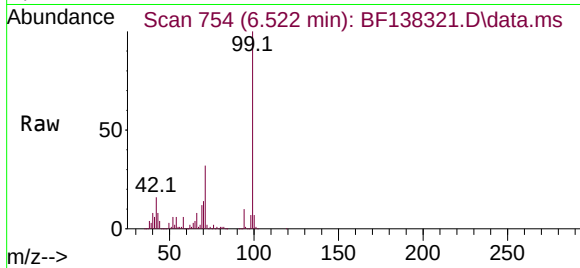




#7
Phenol-d6
Concen: 78.925 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

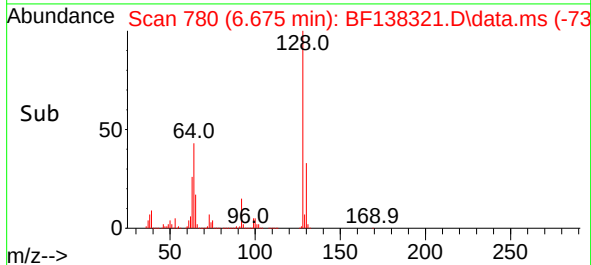
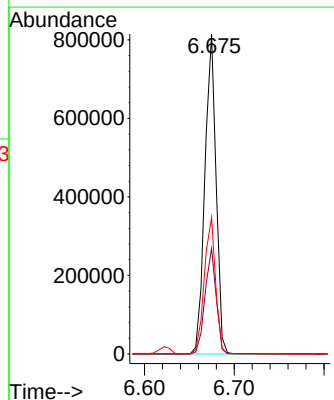
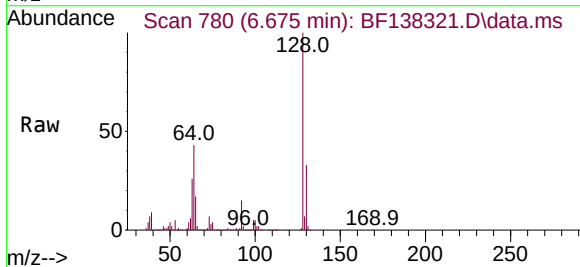
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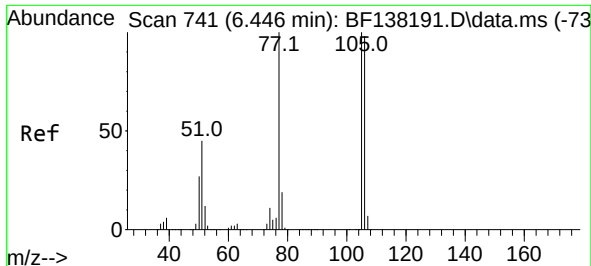
Tgt Ion: 99 Resp: 1408323
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 32.5 25.0 37.6



#8
2-Chlorophenol
Concen: 46.457 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion: 128 Resp: 706773
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 42.7 21.8 61.8

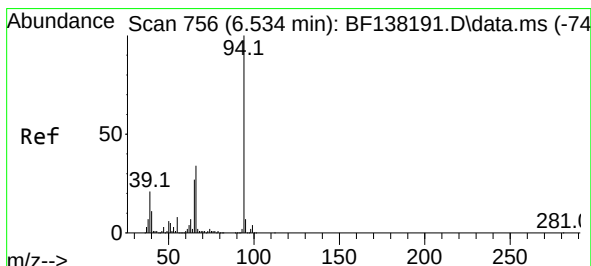
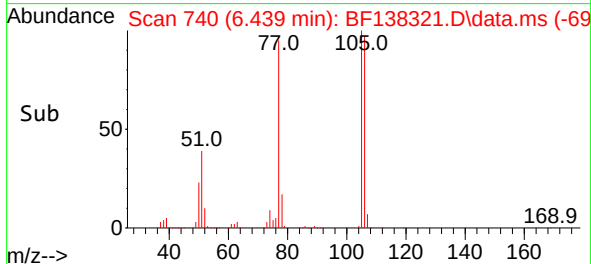
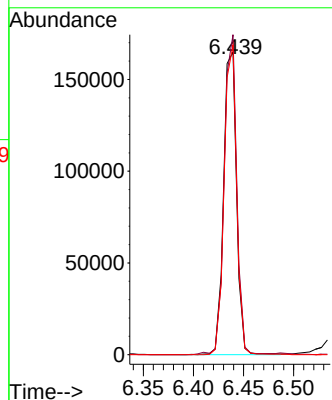
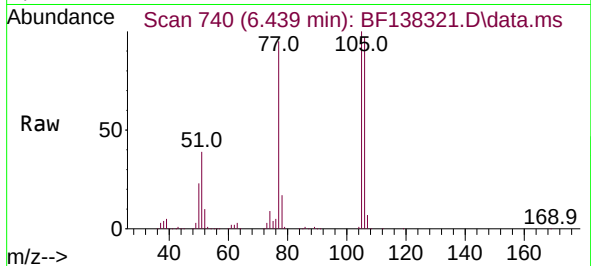




#9
Benzaldehyde
Concen: 15.629 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.007 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

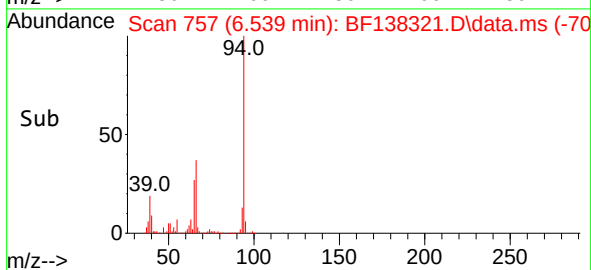
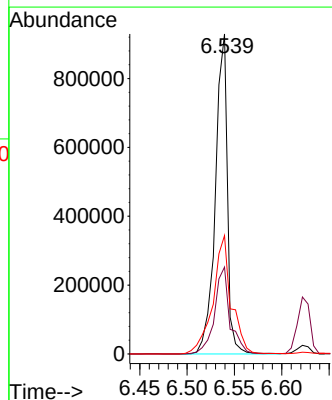
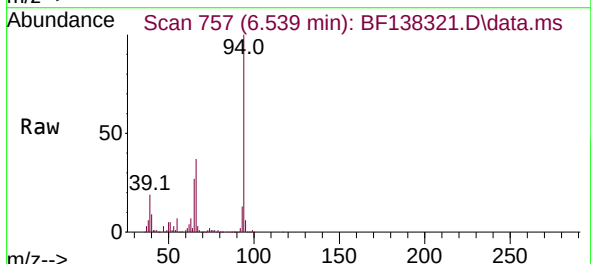
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

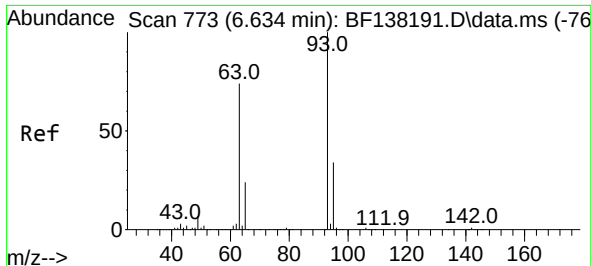
Tgt Ion: 77 Resp: 148124
Ion Ratio Lower Upper
77 100
105 105.8 80.1 120.1
106 102.4 77.8 117.8



#10
Phenol
Concen: 45.206 ng
RT: 6.539 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion: 94 Resp: 818598
Ion Ratio Lower Upper
94 100
65 27.1 6.8 46.8
66 37.0 14.2 54.2

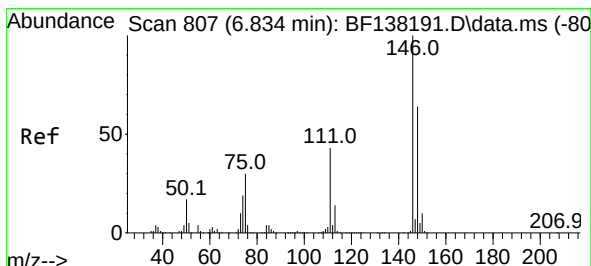
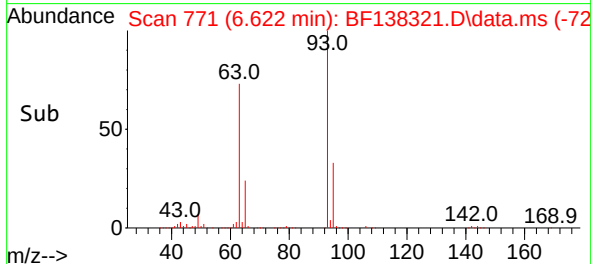
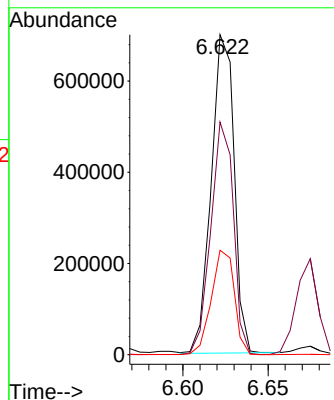
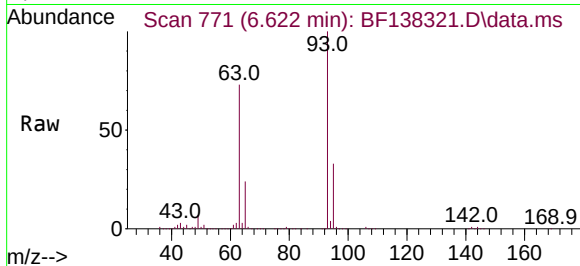




#11
bis(2-Chloroethyl)ether
Concen: 45.010 ng
RT: 6.622 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

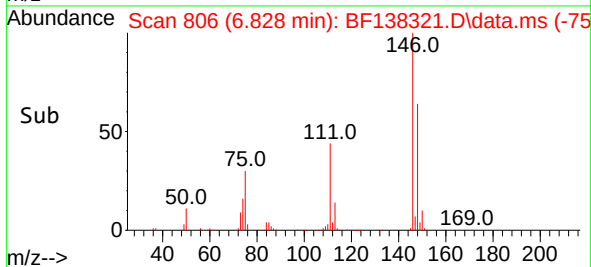
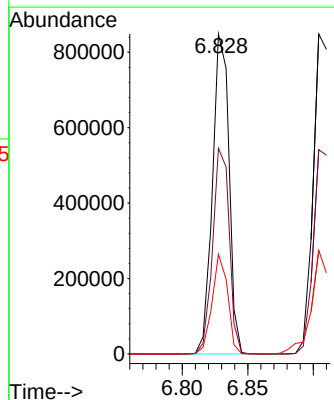
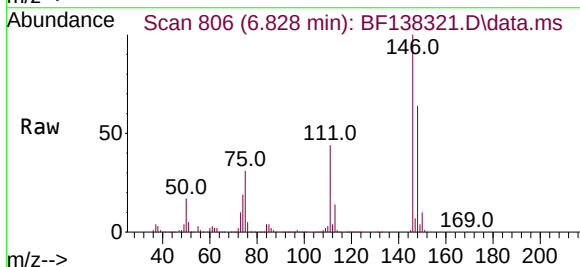
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

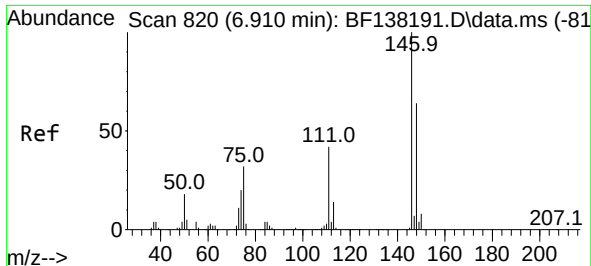
Tgt Ion: 93 Resp: 652324
Ion Ratio Lower Upper
93 100
63 72.7 52.5 92.5
95 32.6 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 43.028 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion: 146 Resp: 743940
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
75 31.1 24.3 36.5

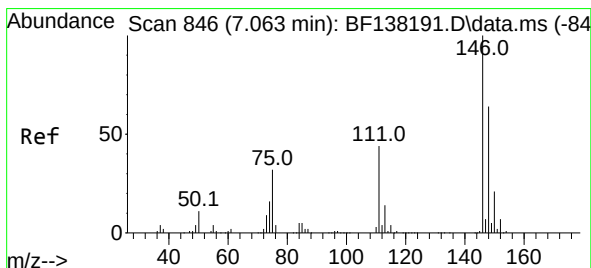
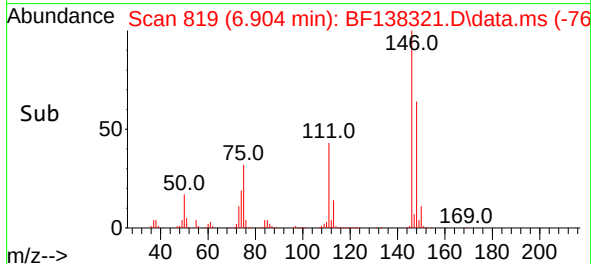
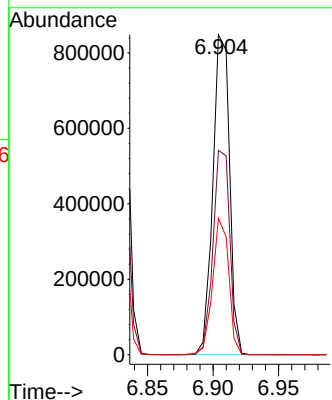
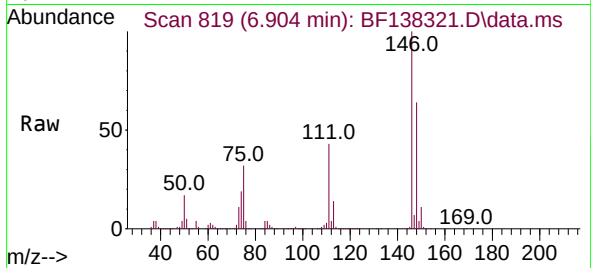




#13
1,4-Dichlorobenzene
Concen: 43.252 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

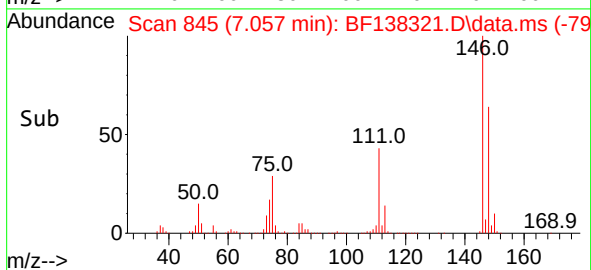
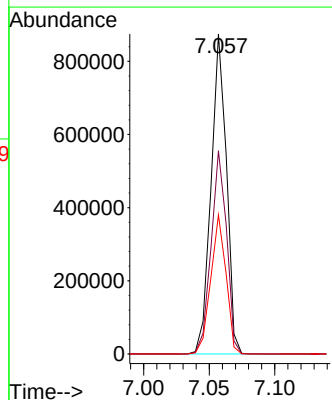
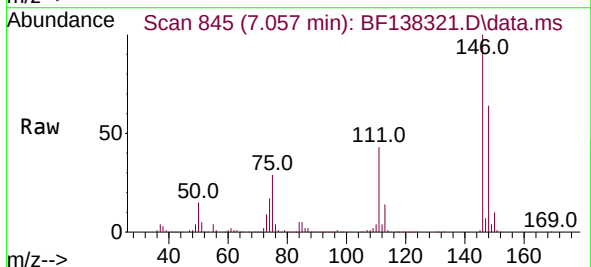
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

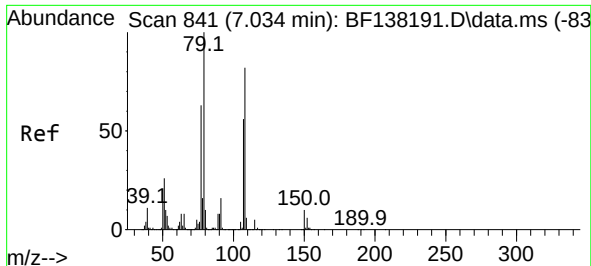
Tgt Ion:146 Resp: 752557
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 42.6 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 43.659 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:146 Resp: 713117
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 43.5 35.4 53.2

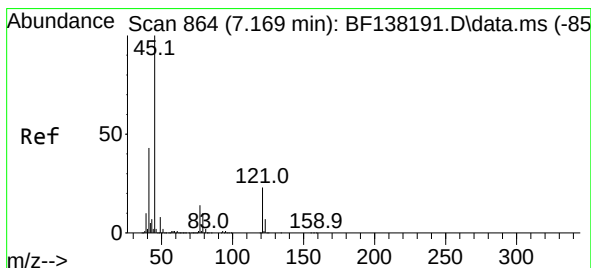
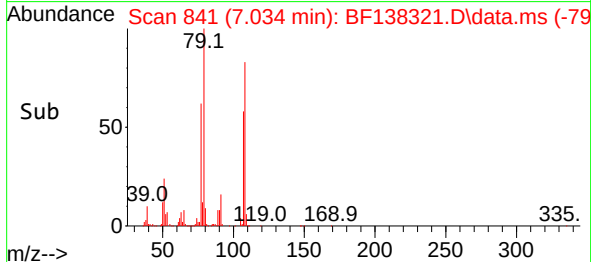
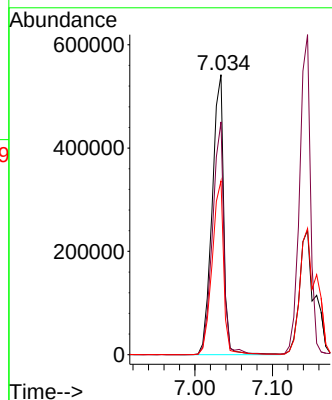
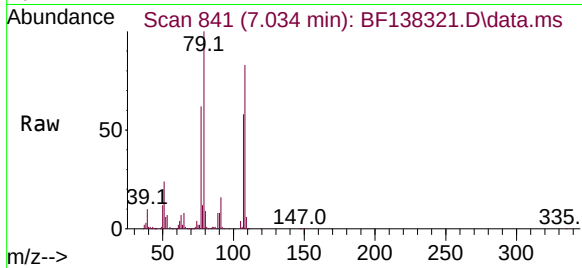




#15
Benzyl Alcohol
Concen: 46.622 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

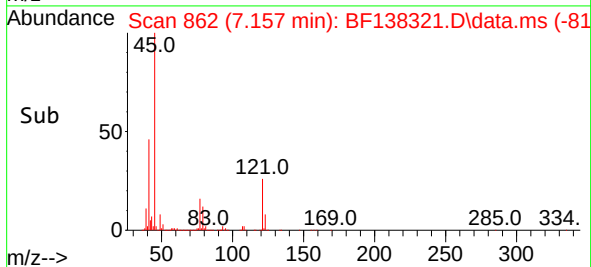
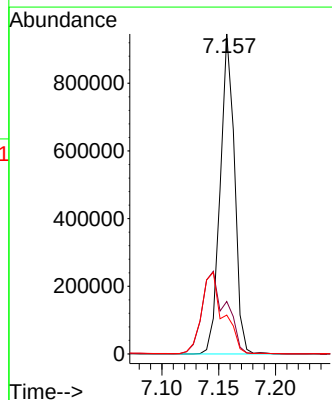
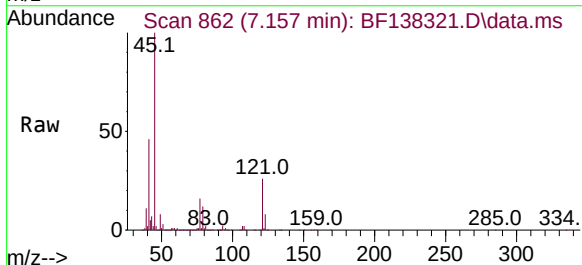
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

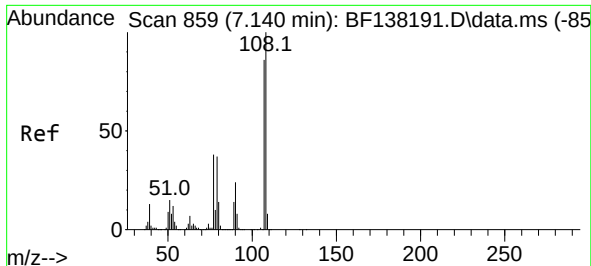
Tgt Ion: 79 Resp: 560925
Ion Ratio Lower Upper
79 100
108 83.2 65.9 98.9
77 62.1 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.574 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

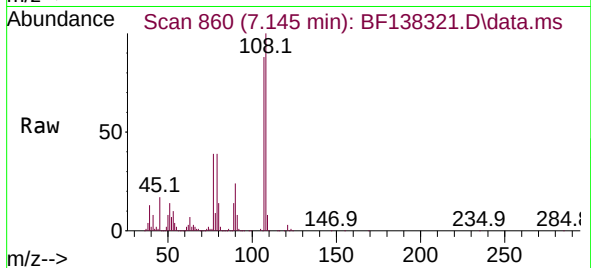
Tgt Ion: 45 Resp: 829906
Ion Ratio Lower Upper
45 100
77 16.4 0.0 33.9
79 12.2 0.0 30.7



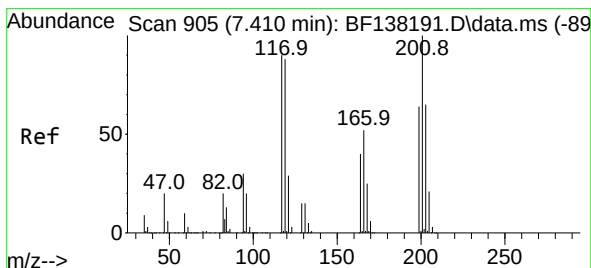
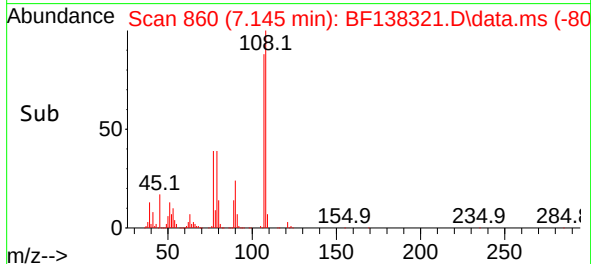
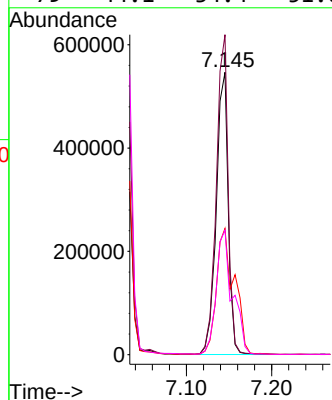


#17
2-Methylphenol
Concen: 44.815 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

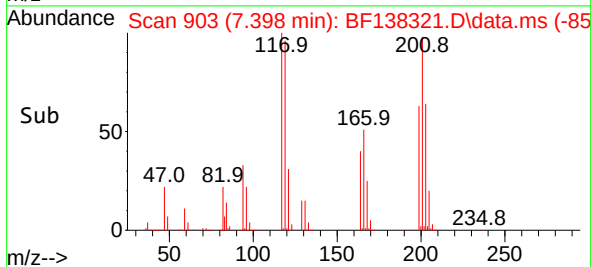
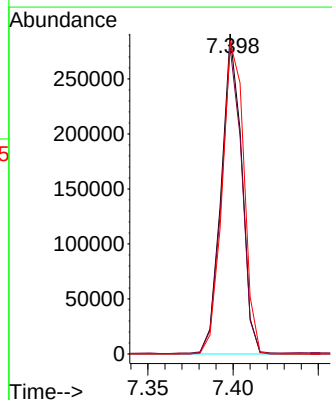
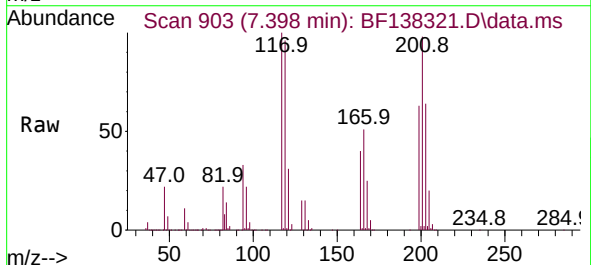


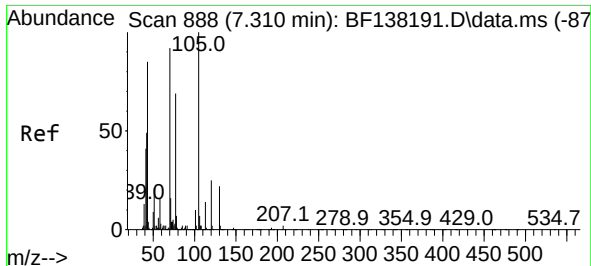
Tgt Ion:	107	Resp:	537924
Ion	Ratio	Lower	Upper
107	100		
108	113.3	92.7	139.1
77	44.7	35.7	53.5
79	44.1	34.4	51.6



#18
Hexachloroethane
Concen: 41.039 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:	117	Resp:	241911
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.4	117.6
201	97.5	89.0	133.6

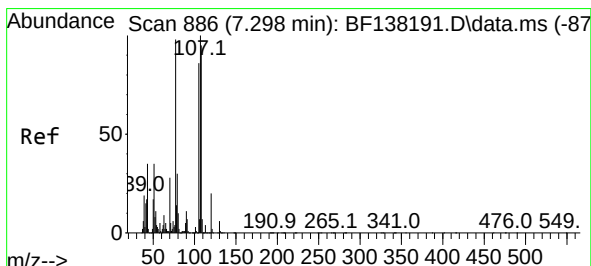
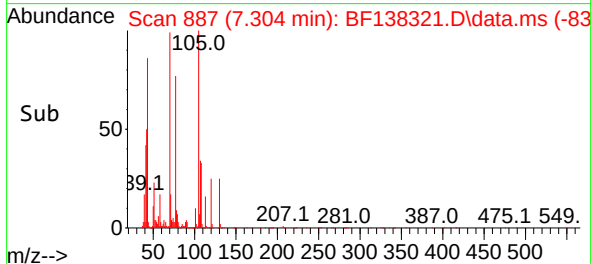
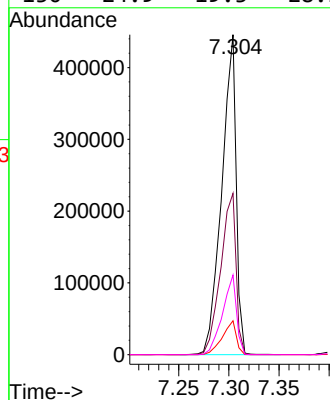
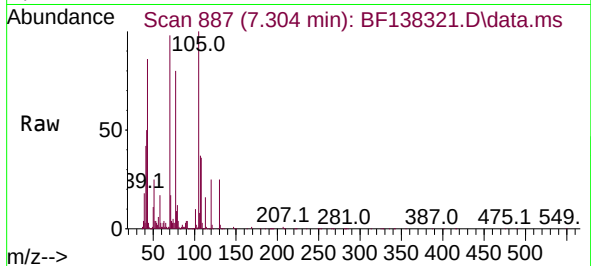




#19
n-Nitroso-di-n-propylamine
Concen: 42.035 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

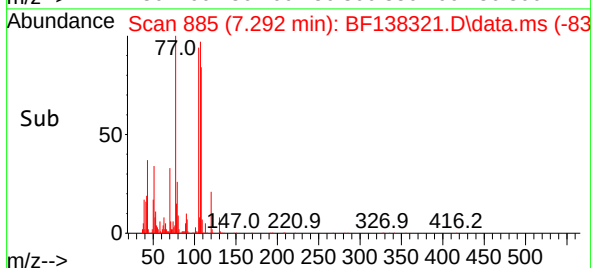
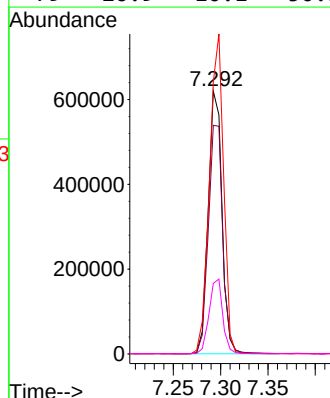
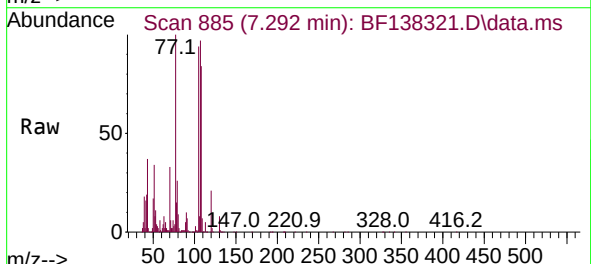
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

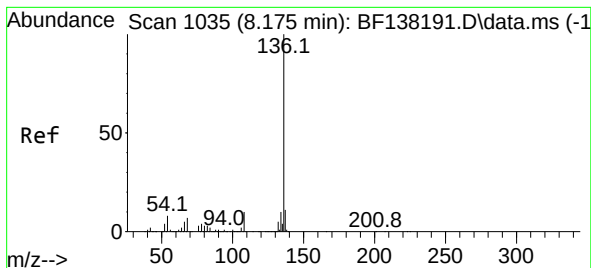
Tgt Ion: 70 Resp: 444600
Ion Ratio Lower Upper
70 100
42 50.4 42.8 64.2
101 10.6 8.4 12.6
130 24.9 19.3 28.9



#20
3+4-Methylphenols
Concen: 41.343 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:107 Resp: 624611
Ion Ratio Lower Upper
107 100
108 87.1 74.9 114.9
77 103.5 78.2 118.2
79 26.9 10.1 50.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

Tgt Ion:136 Resp: 832347

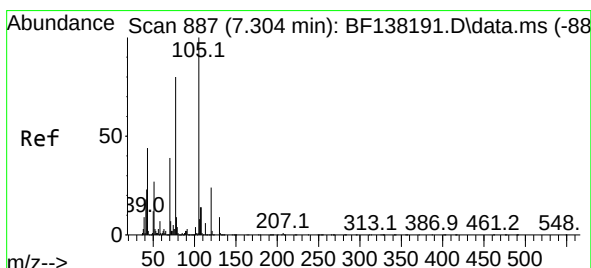
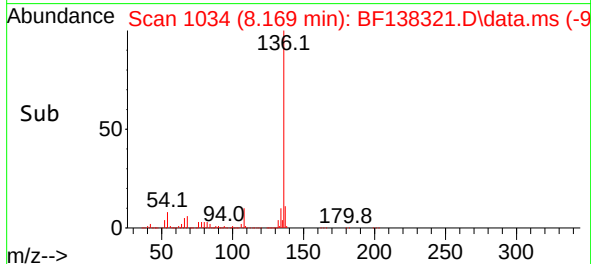
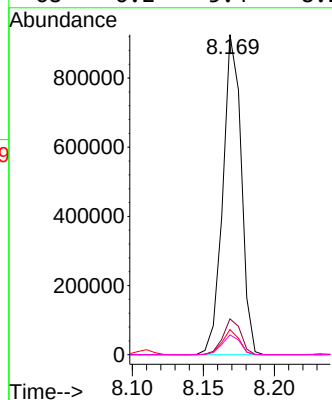
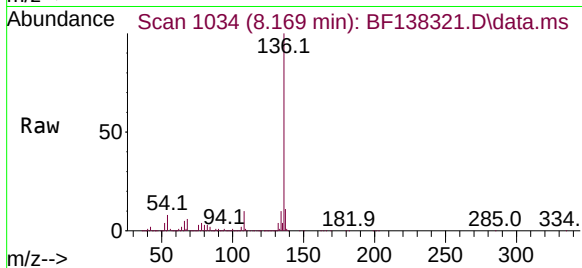
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.9 6.6 10.0

68 6.2 5.4 8.2



#22

Acetophenone

Concen: 41.854 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Tgt Ion:105 Resp: 795816

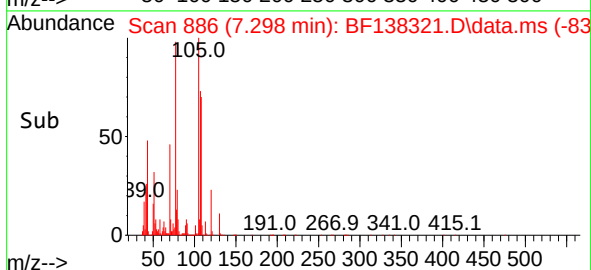
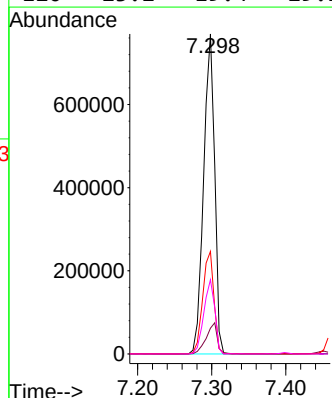
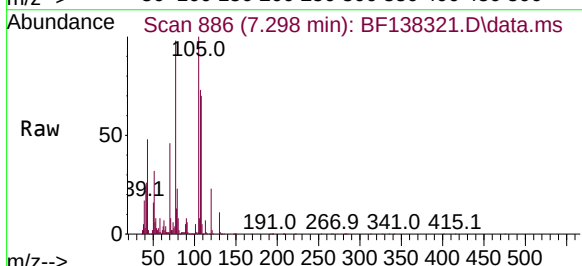
Ion Ratio Lower Upper

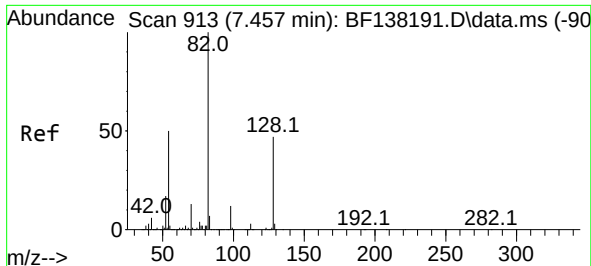
105 100

71 8.1 5.4 8.2

51 32.1 21.4 32.0#

120 23.2 19.4 29.2





#23

Nitrobenzene-d5

Concen: 59.092 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

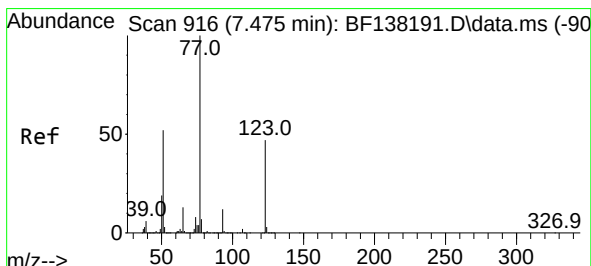
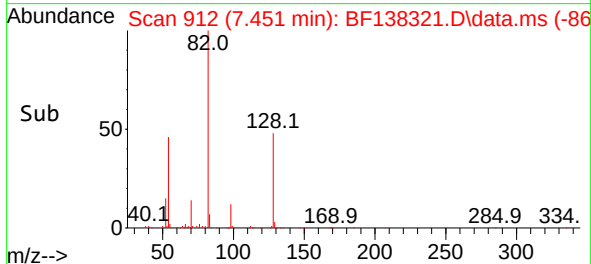
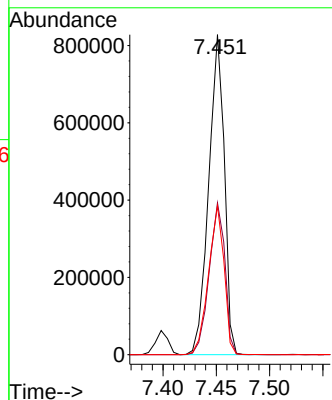
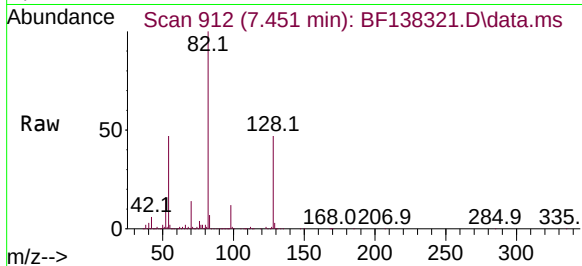
Tgt Ion: 82 Resp: 844869

Ion Ratio Lower Upper

82 100

128 47.5 37.2 55.8

54 46.6 39.8 59.6



#24

Nitrobenzene

Concen: 44.958 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

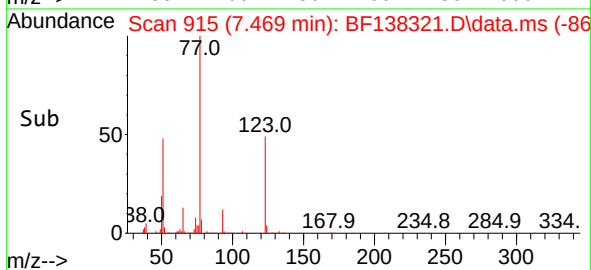
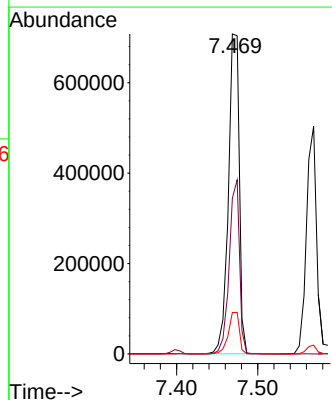
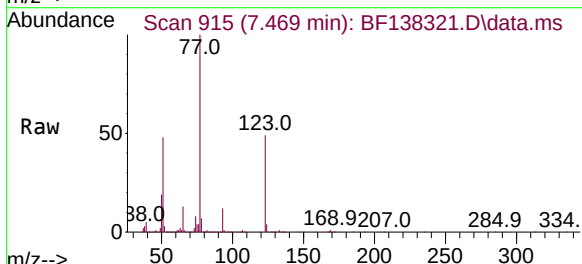
Tgt Ion: 77 Resp: 664343

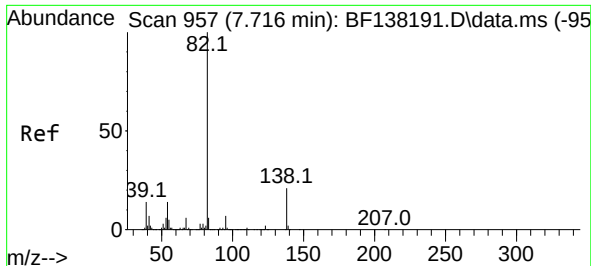
Ion Ratio Lower Upper

77 100

123 48.7 37.3 55.9

65 13.0 10.6 15.8

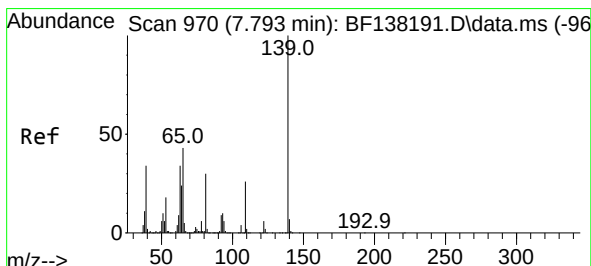
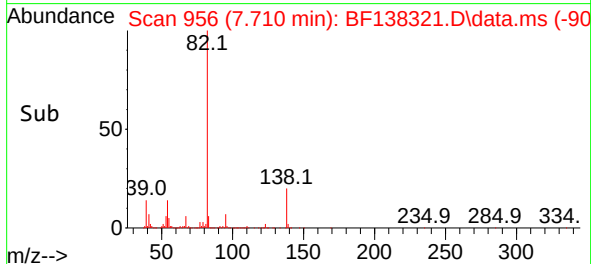
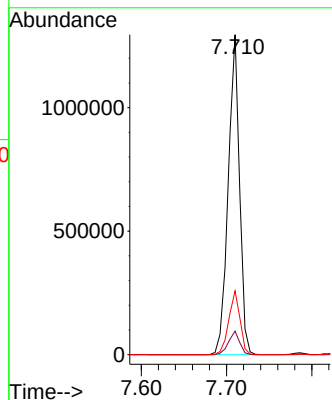
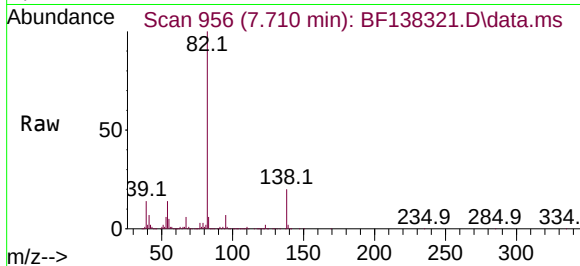




#25
Isophorone
Concen: 46.342 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

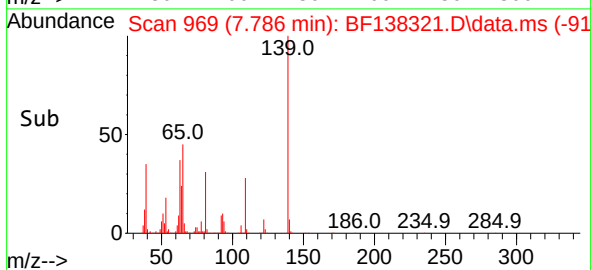
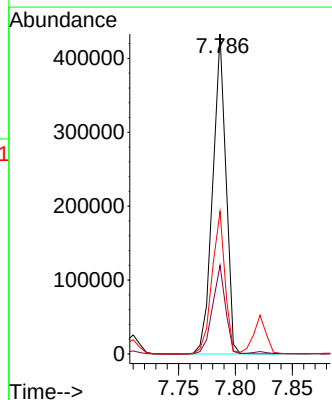
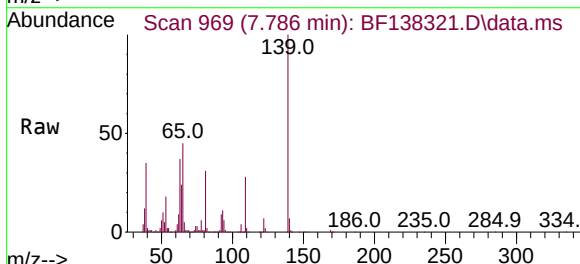
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

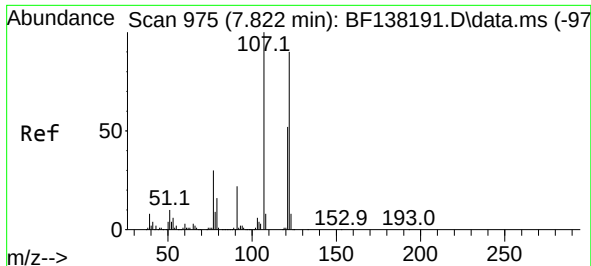
Tgt Ion: 82 Resp: 1198473
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 20.0 16.4 24.6



#26
2-Nitrophenol
Concen: 58.884 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.007 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion: 139 Resp: 349889
Ion Ratio Lower Upper
139 100
109 27.7 20.7 31.1
65 44.6 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 49.332 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

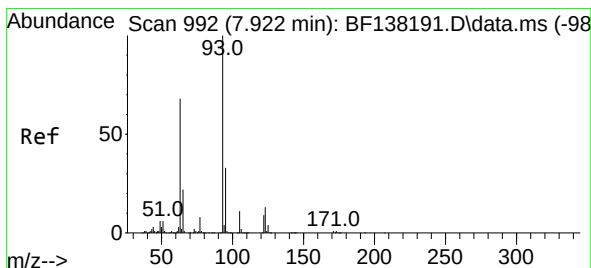
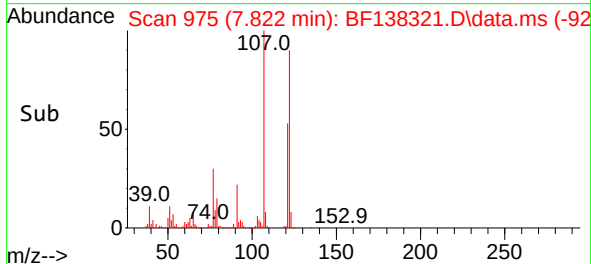
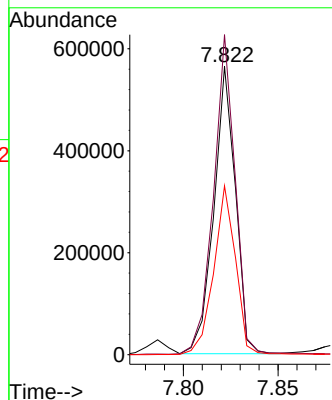
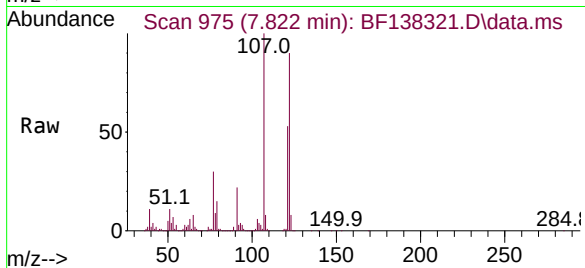
Tgt Ion:122 Resp: 445966

Ion Ratio Lower Upper

122 100

107 111.0 87.7 131.5

121 58.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.990 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

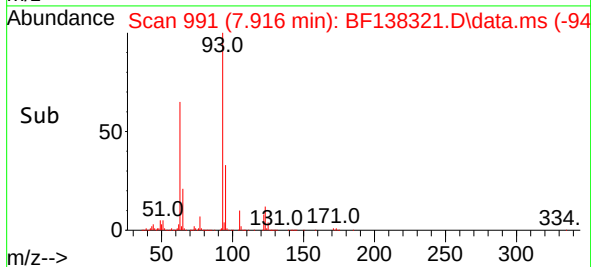
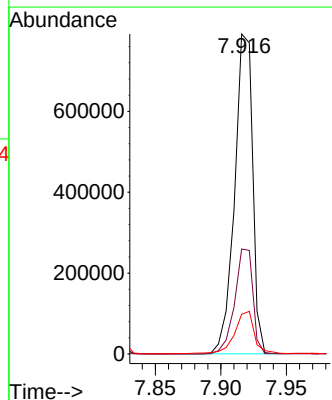
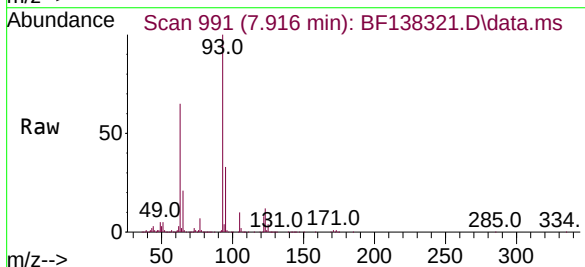
Tgt Ion: 93 Resp: 760699

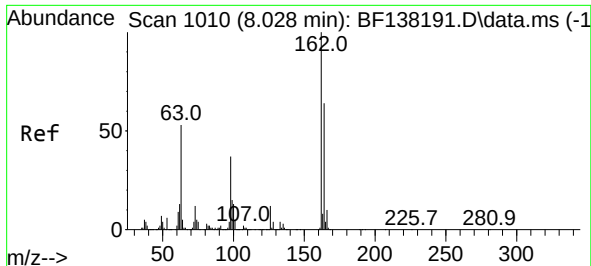
Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

123 12.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.590 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

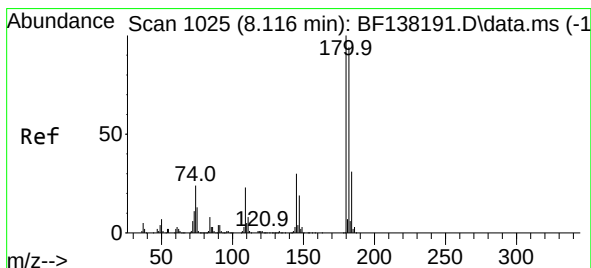
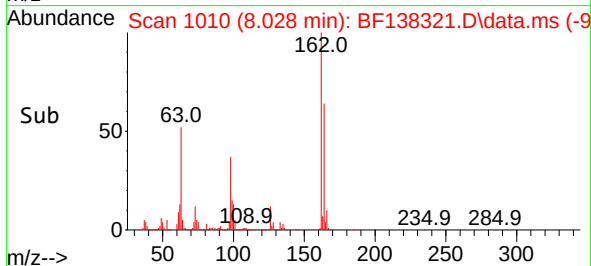
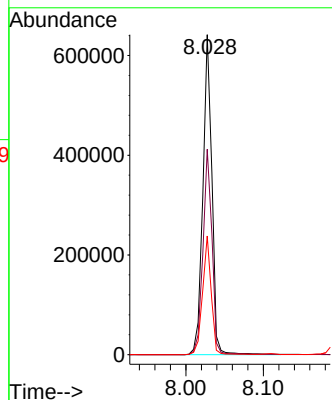
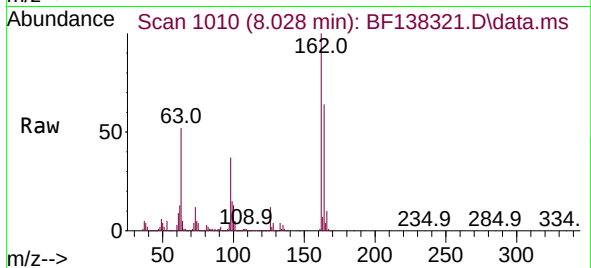
Tgt Ion:162 Resp: 518975

Ion Ratio Lower Upper

162 100

164 64.2 44.3 84.3

98 37.1 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 43.897 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

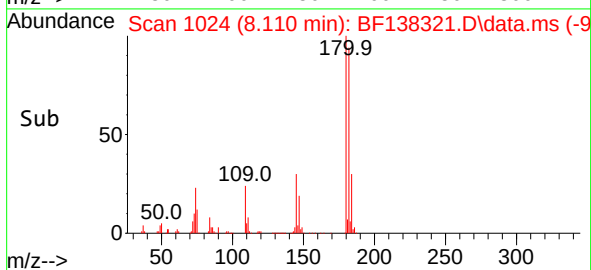
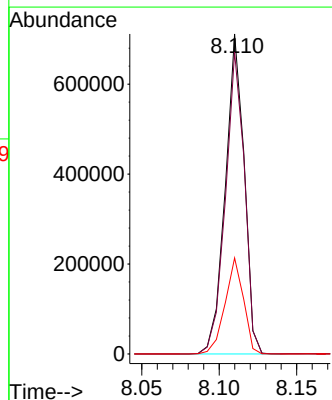
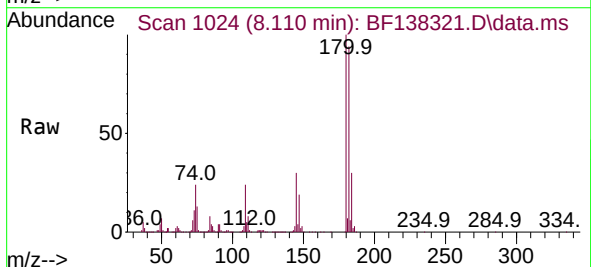
Tgt Ion:180 Resp: 602519

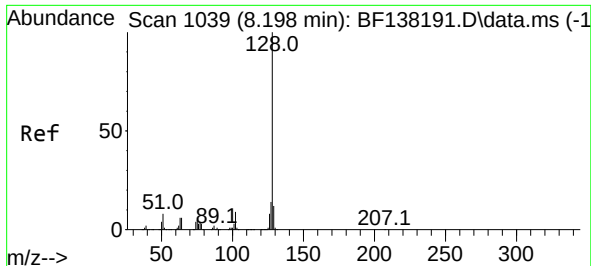
Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.6

145 30.0 23.8 35.6

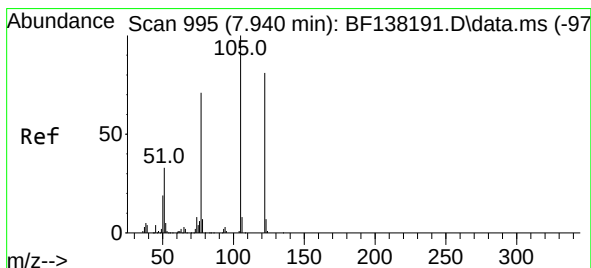
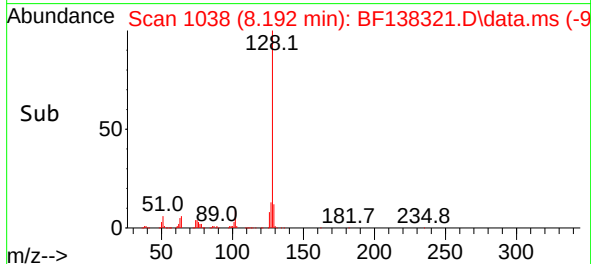
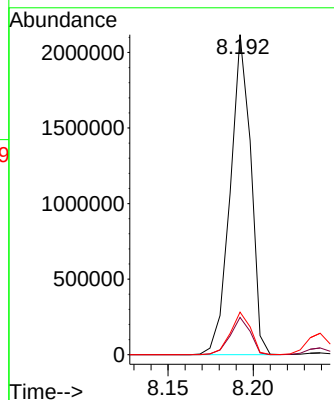
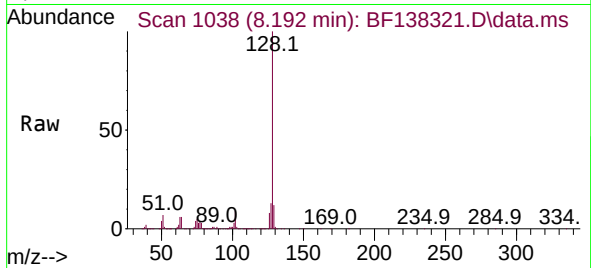




#31
Naphthalene
Concen: 43.238 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

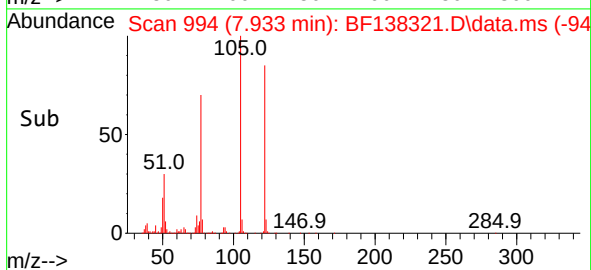
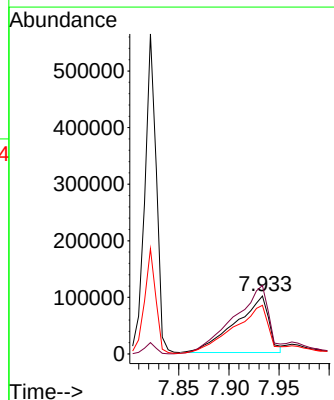
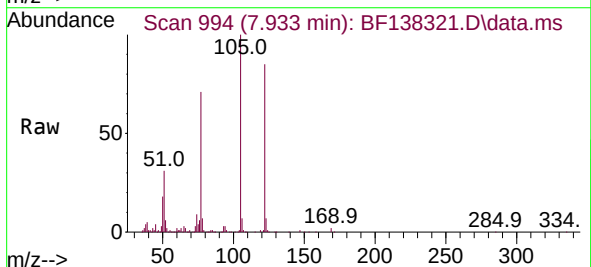
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

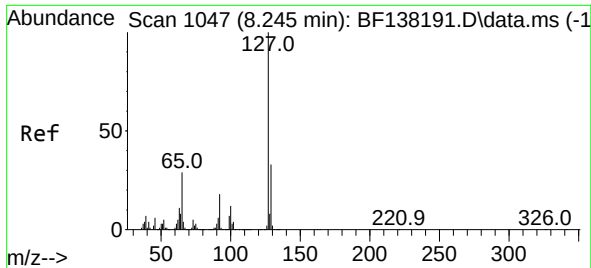
Tgt Ion:128 Resp: 1779567
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.3 11.0 16.6



#32
Benzoic acid
Concen: 29.201 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.007 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:122 Resp: 232661
Ion Ratio Lower Upper
122 100
105 118.1 100.1 140.1
77 84.0 66.5 106.5



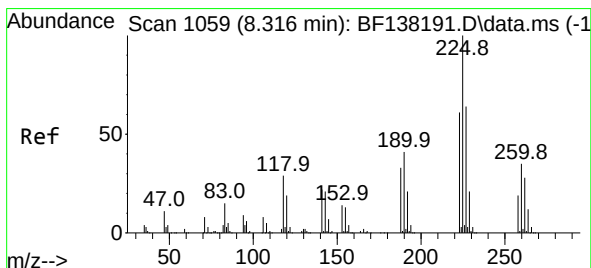
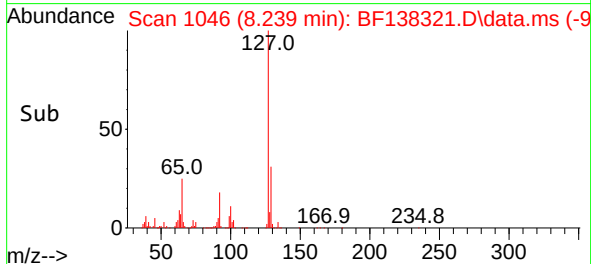
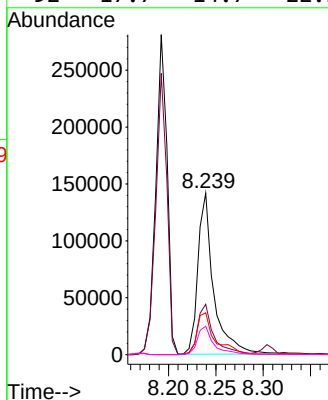
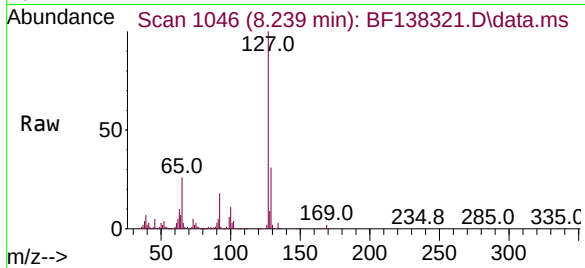


#33
4-Chloroaniline
Concen: 10.634 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

Tgt Ion:127 Resp: 163578

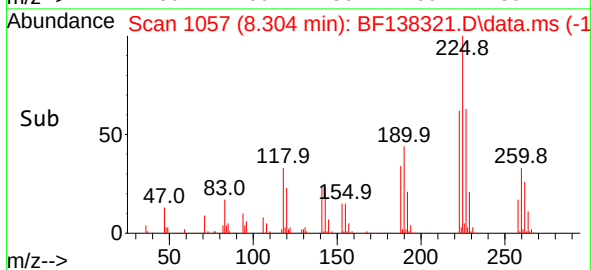
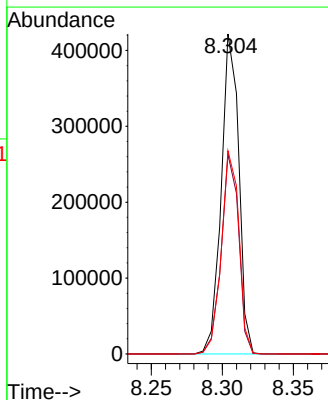
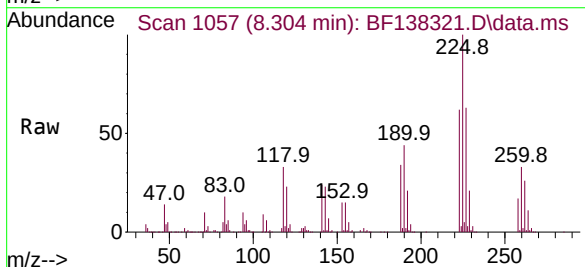
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.1	39.1
65	25.9	23.6	35.4
92	17.7	14.7	22.1

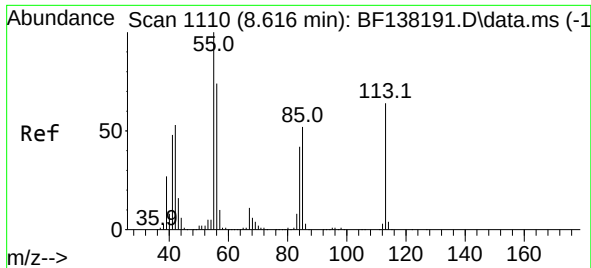


#34
Hexachlorobutadiene
Concen: 44.868 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:225 Resp: 360182

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.0	73.6
227	63.5	51.2	76.8

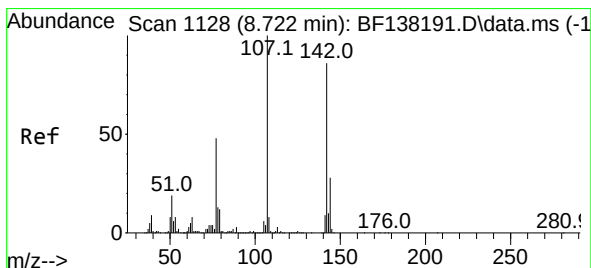
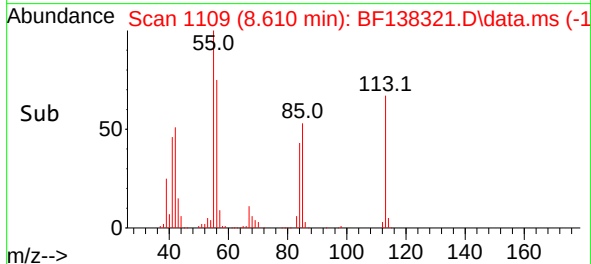
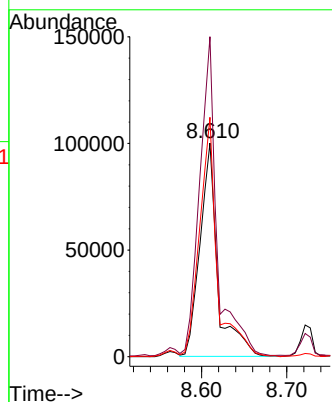
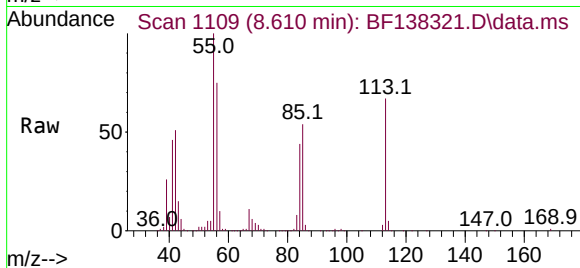




#35
 Caprolactam
 Concen: 40.989 ng
 RT: 8.610 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF138321.D
 Acq: 24 Jun 2024 20:41

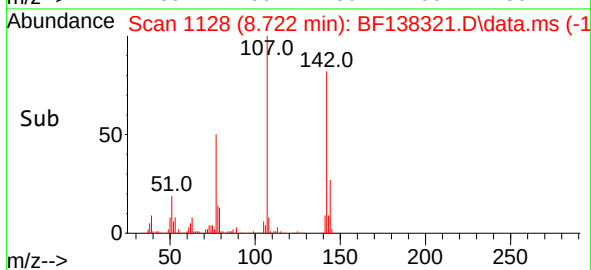
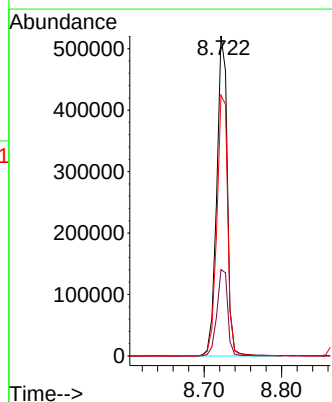
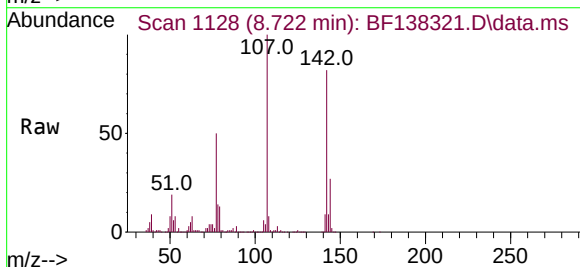
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204MS

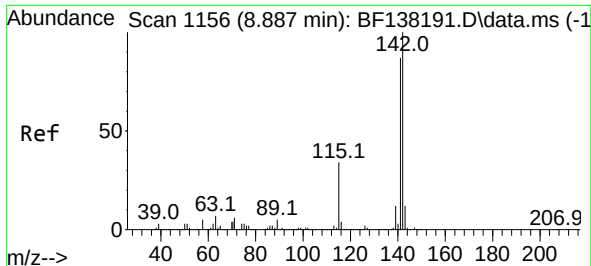
Tgt Ion:113 Resp: 144022
 Ion Ratio Lower Upper
 113 100
 55 149.8 135.4 175.4
 56 112.1 95.5 135.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.790 ng
 RT: 8.722 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: BF138321.D
 Acq: 24 Jun 2024 20:41

Tgt Ion:107 Resp: 495858
 Ion Ratio Lower Upper
 107 100
 144 27.0 22.6 34.0
 142 81.5 69.0 103.4





#37

2-Methylnaphthalene

Concen: 41.379 ng

RT: 8.880 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

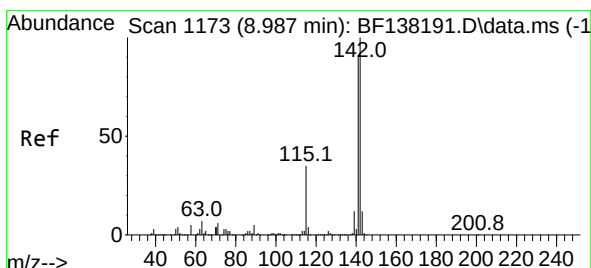
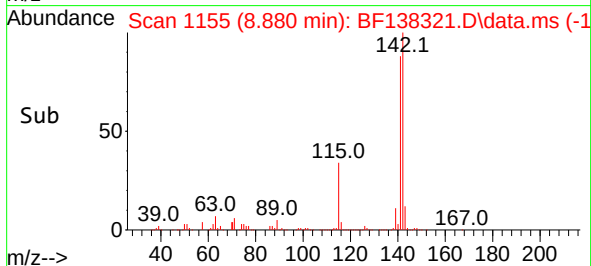
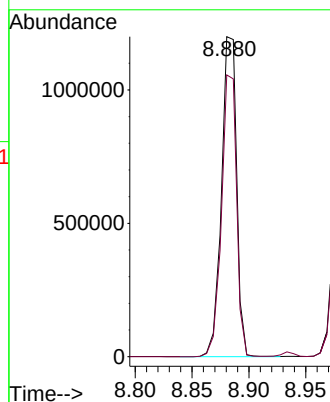
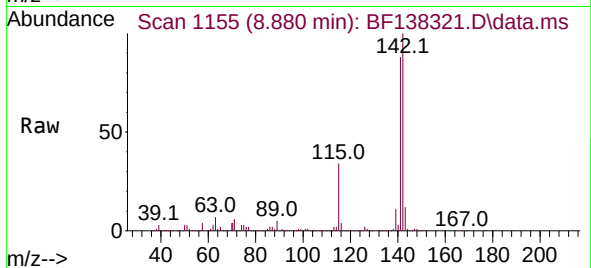
VNJ-204MS

Tgt Ion:142 Resp: 1117694

Ion Ratio Lower Upper

142 100

141 88.0 69.9 104.9



#38

1-Methylnaphthalene

Concen: 38.944 ng

RT: 8.980 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF138321.D

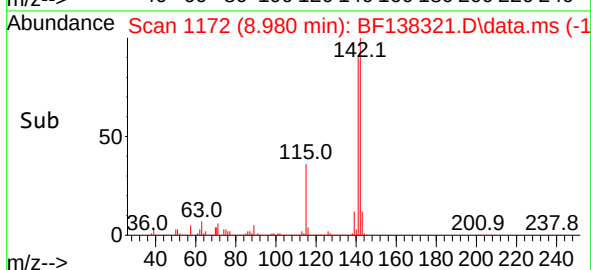
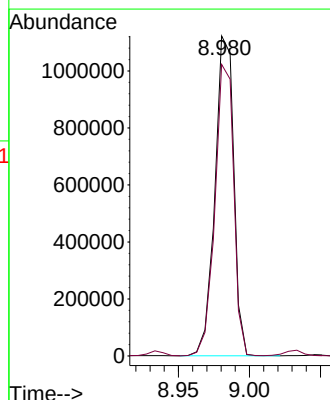
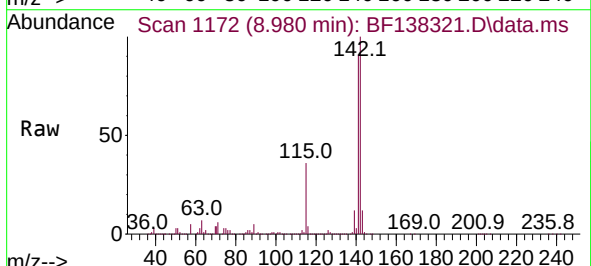
Acq: 24 Jun 2024 20:41

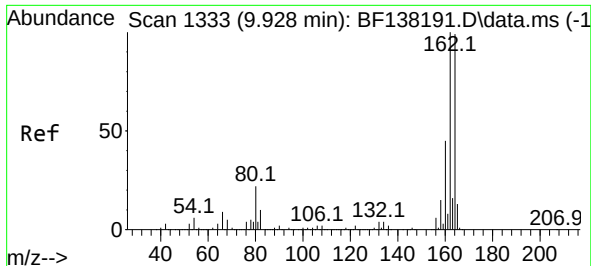
Tgt Ion:142 Resp: 1030840

Ion Ratio Lower Upper

142 100

141 91.1 72.8 109.2

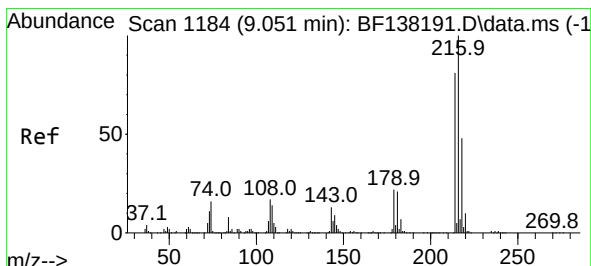
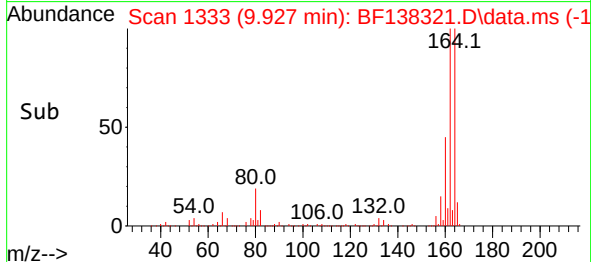
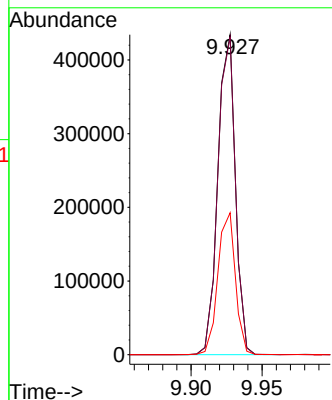
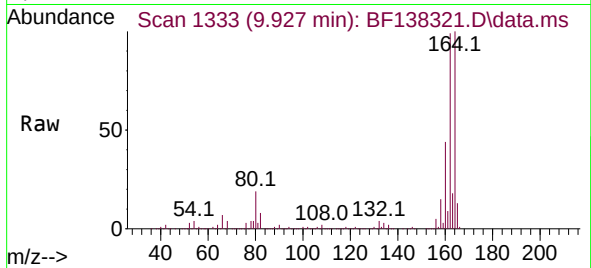




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

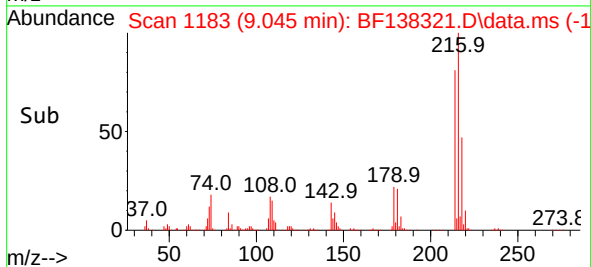
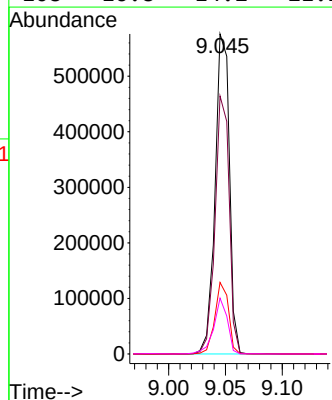
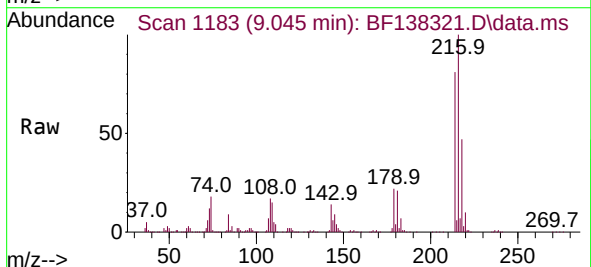
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

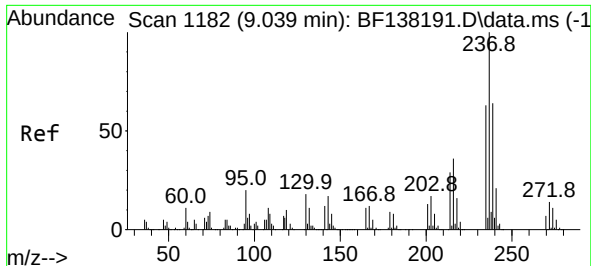
Tgt Ion:164 Resp: 370938
Ion Ratio Lower Upper
164 100
162 99.2 80.6 121.0
160 44.3 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.502 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:216 Resp: 504056
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 21.4 16.9 25.3
108 16.8 14.2 21.2

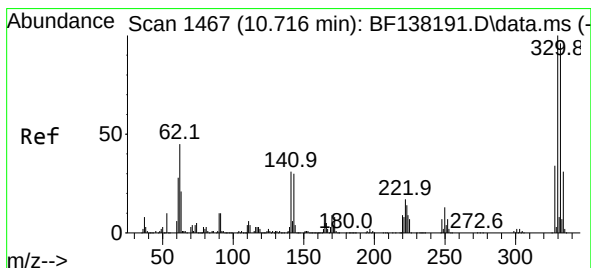
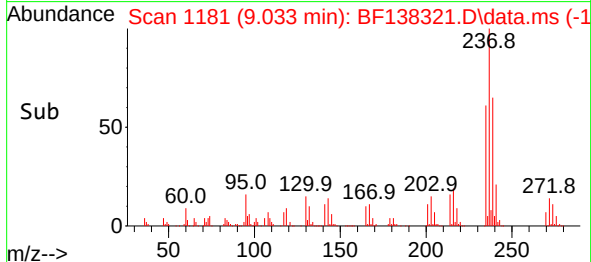
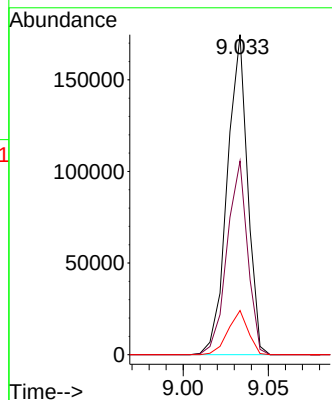
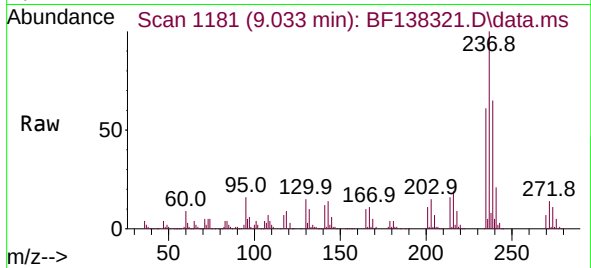




#41
Hexachlorocyclopentadiene
Concen: 40.965 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

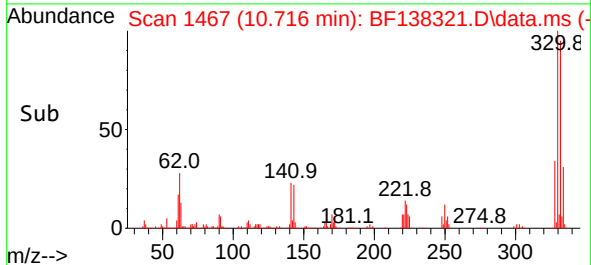
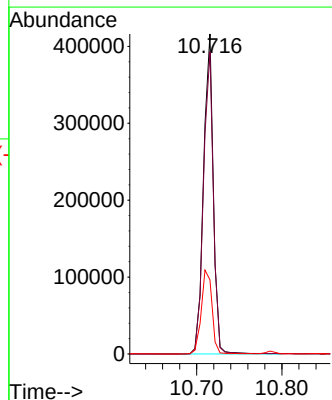
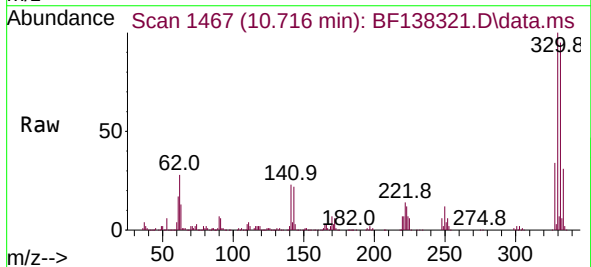
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

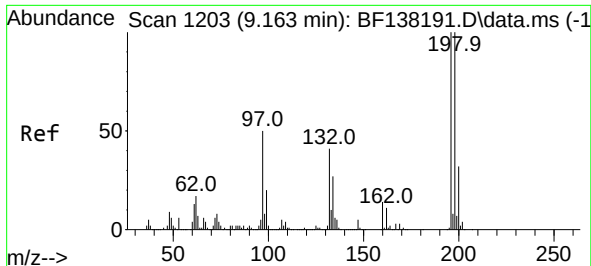
Tgt Ion:237 Resp: 144787
Ion Ratio Lower Upper
237 100
235 60.5 43.3 83.3
272 13.8 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 89.557 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:330 Resp: 330713
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 28.9 23.9 35.9

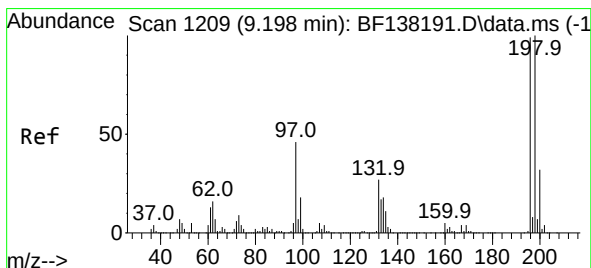
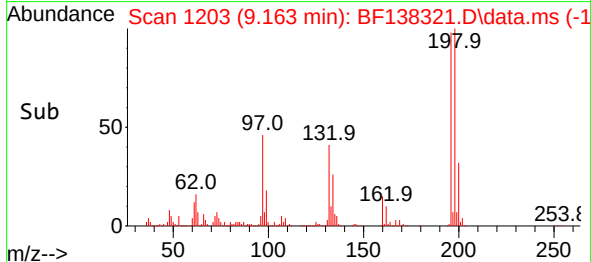
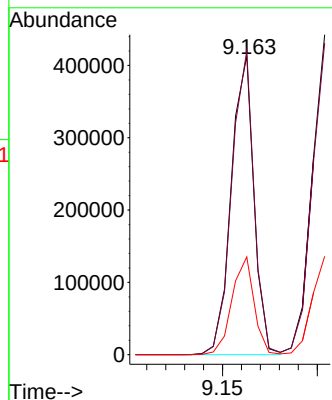
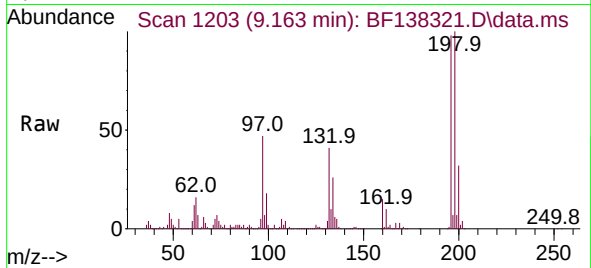




#43
2,4,6-Trichlorophenol
Concen: 50.654 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

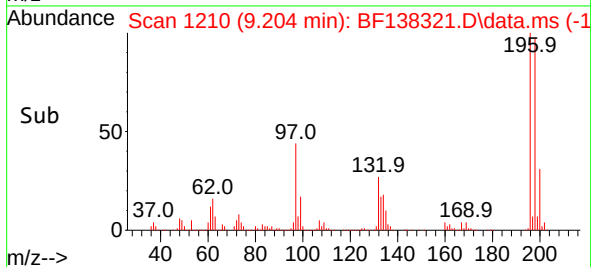
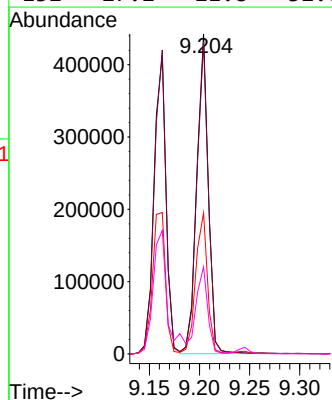
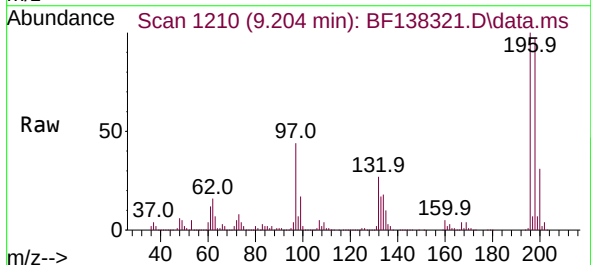
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

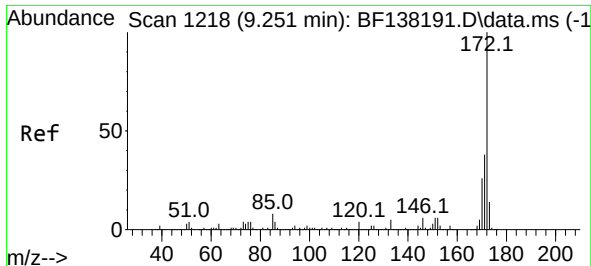
Tgt Ion:196 Resp: 343797
Ion Ratio Lower Upper
196 100
198 101.7 79.8 119.6
200 32.7 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 47.611 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:196 Resp: 354864
Ion Ratio Lower Upper
196 100
198 97.5 80.4 120.6
97 44.1 37.4 56.2
132 27.2 21.8 32.6

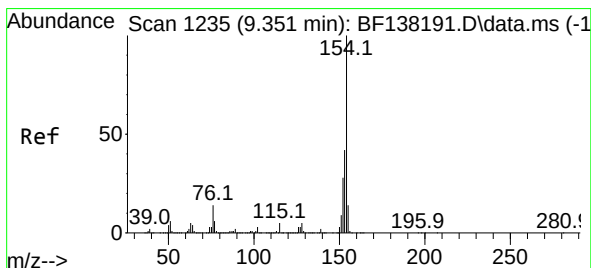
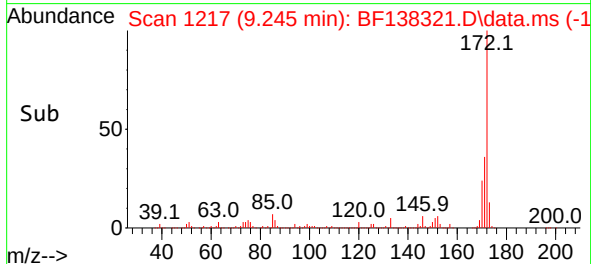
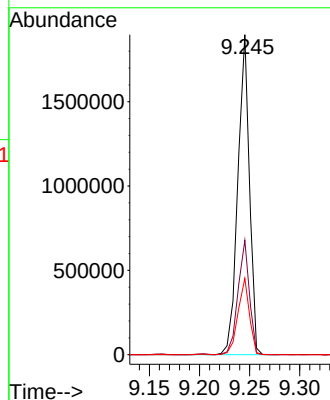
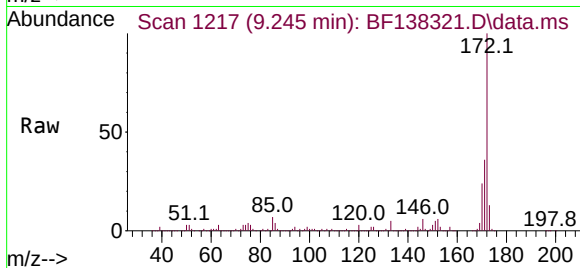




#45
2-Fluorobiphenyl
Concen: 65.715 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

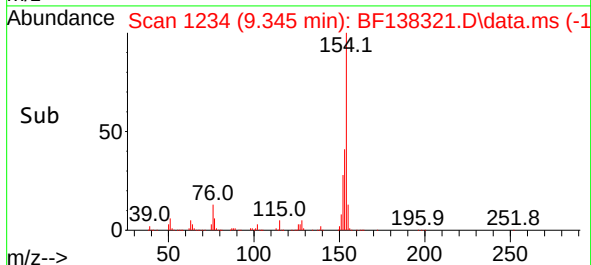
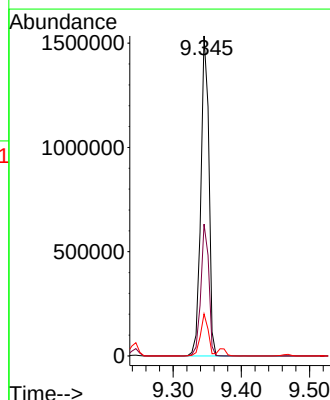
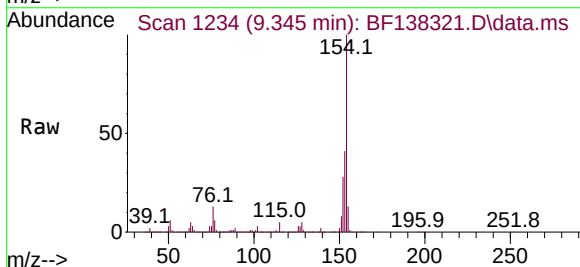
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

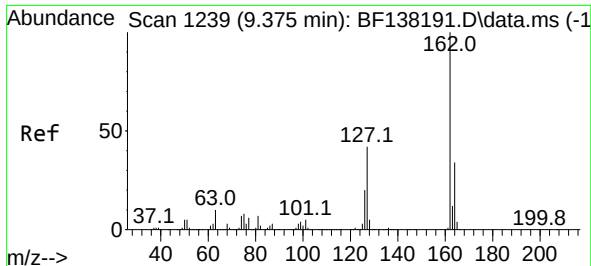
Tgt Ion:172 Resp: 1532953
Ion Ratio Lower Upper
172 100
171 35.7 30.3 45.5
170 23.8 20.6 30.8



#46
1,1'-Biphenyl
Concen: 46.254 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:154 Resp: 1258972
Ion Ratio Lower Upper
154 100
153 41.2 22.1 62.1
76 13.2 0.0 34.3





#47

2-Chloronaphthalene

Concen: 46.743 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

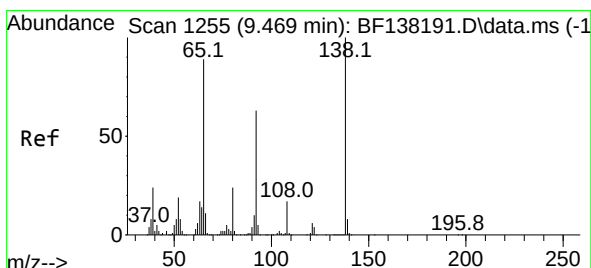
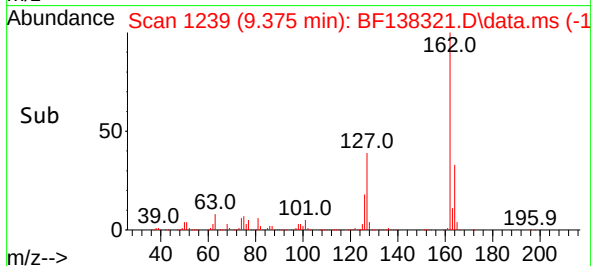
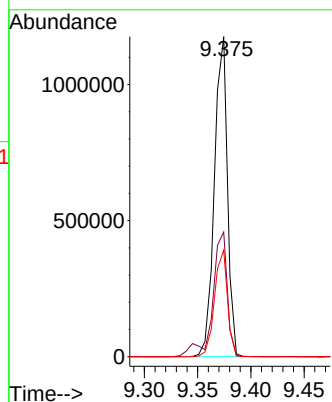
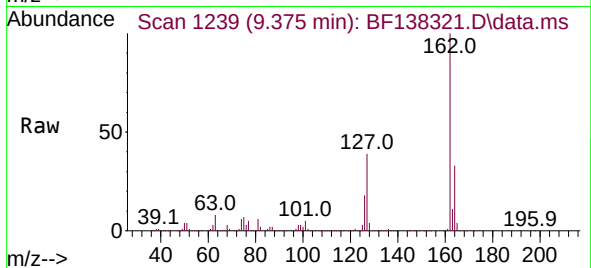
Tgt Ion:162 Resp: 1005514

Ion Ratio Lower Upper

162 100

127 38.9 33.6 50.4

164 33.3 27.2 40.8



#48

2-Nitroaniline

Concen: 53.592 ng

RT: 9.469 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

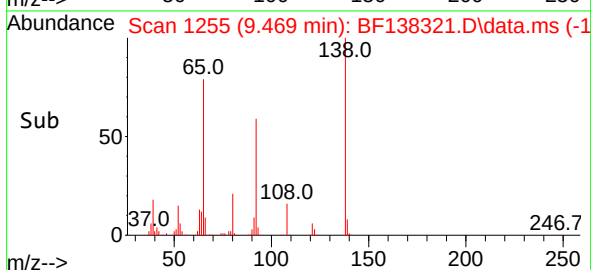
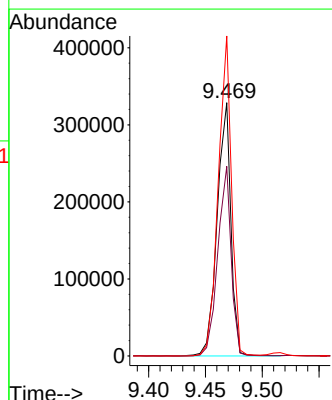
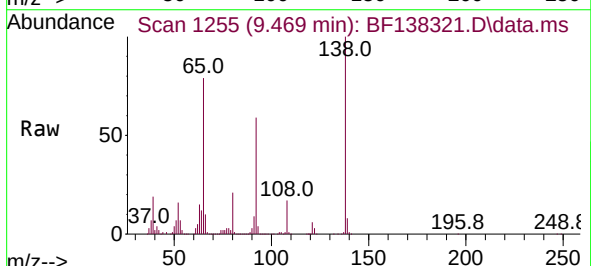
Tgt Ion: 65 Resp: 277635

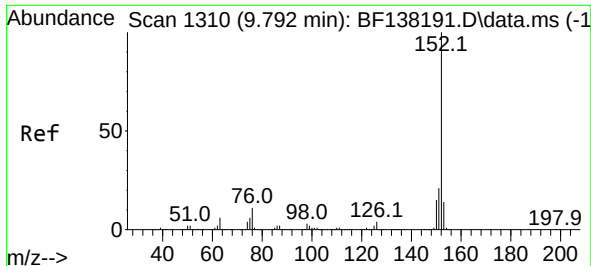
Ion Ratio Lower Upper

65 100

92 74.8 56.6 85.0

138 126.3 90.1 135.1





#49

Acenaphthylene

Concen: 49.261 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

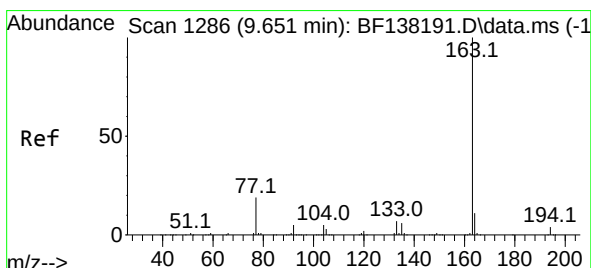
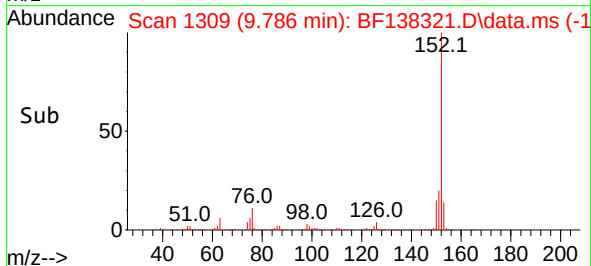
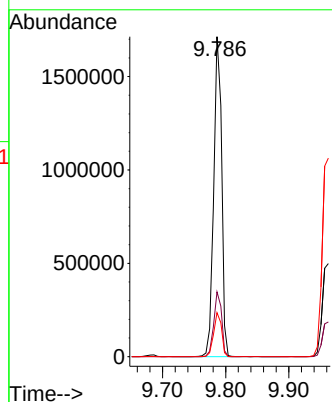
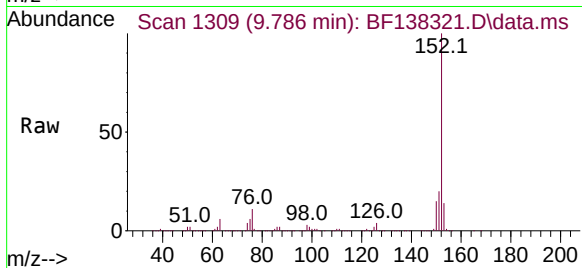
Tgt Ion:152 Resp: 1485915

Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

153 13.8 11.4 17.0



#50

Dimethylphthalate

Concen: 53.658 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

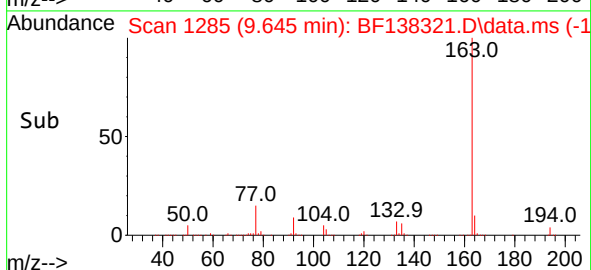
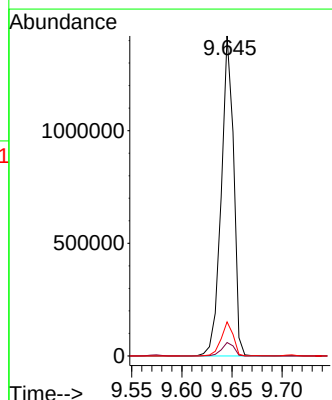
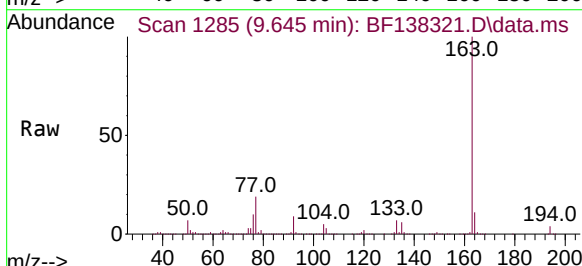
Tgt Ion:163 Resp: 1219521

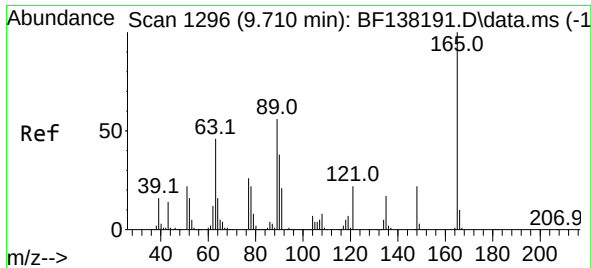
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.6 8.5 12.7

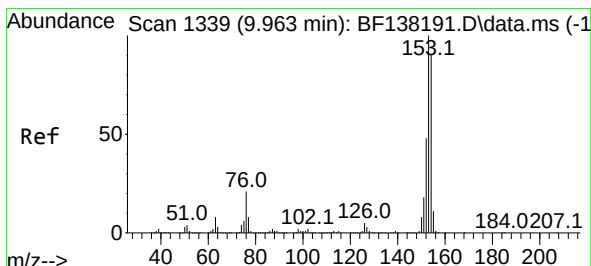
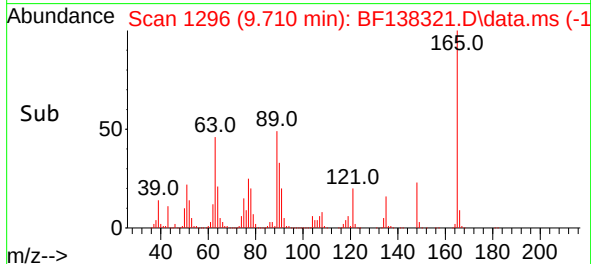
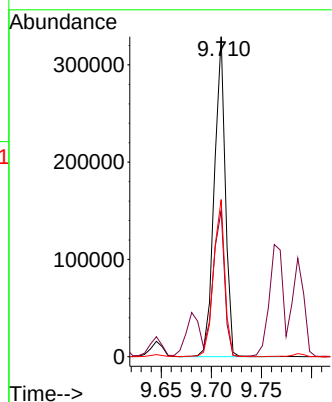
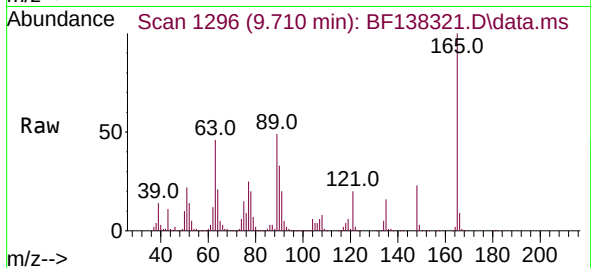




#51
2,6-Dinitrotoluene
Concen: 51.409 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

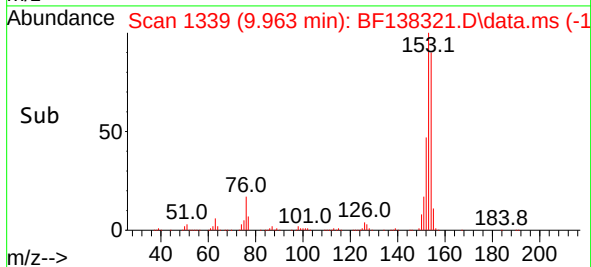
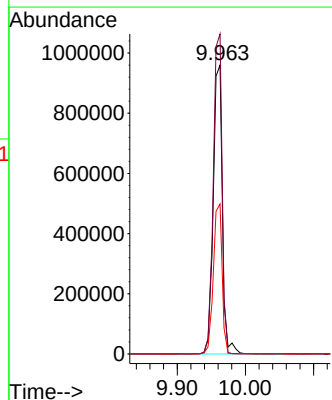
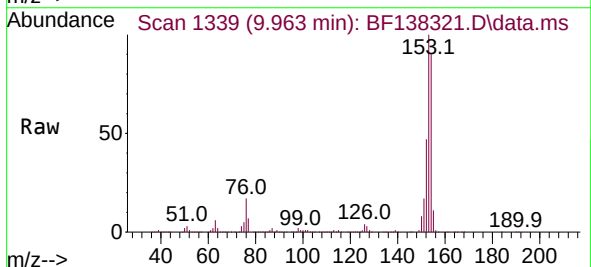
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

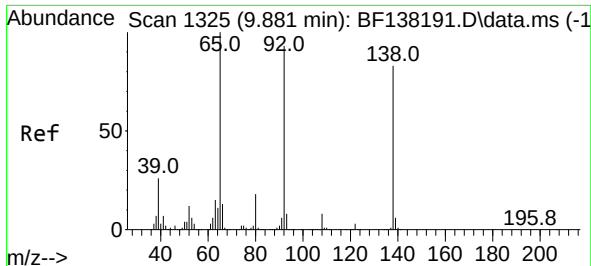
Tgt Ion:165 Resp: 253478
Ion Ratio Lower Upper
165 100
63 45.6 43.7 65.5
89 49.1 44.9 67.3



#52
Acenaphthene
Concen: 43.412 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:154 Resp: 892939
Ion Ratio Lower Upper
154 100
153 110.7 89.1 133.7
152 51.9 42.4 63.6

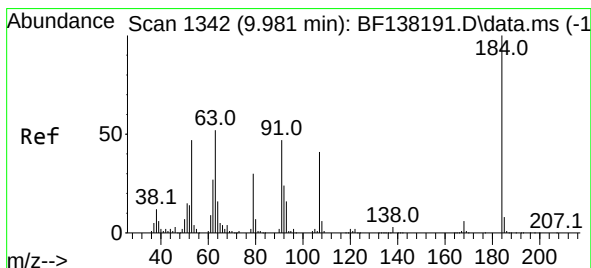
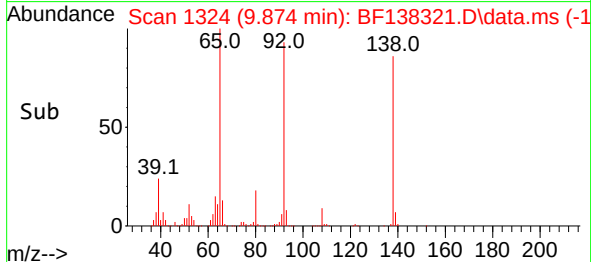
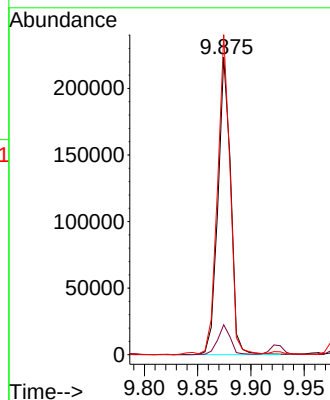
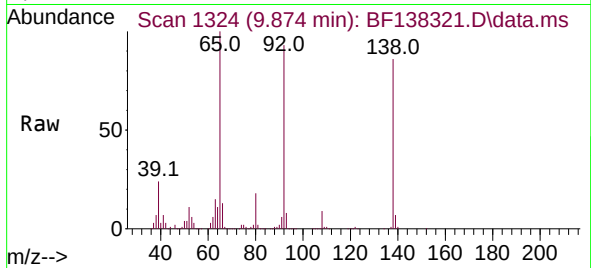




#53
3-Nitroaniline
Concen: 35.229 ng
RT: 9.874 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

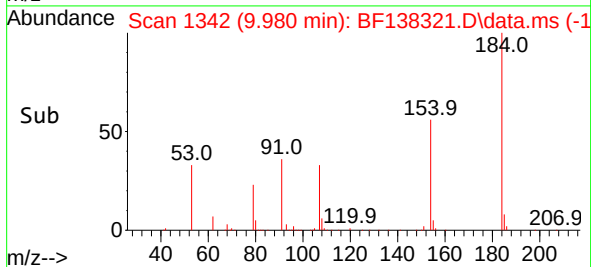
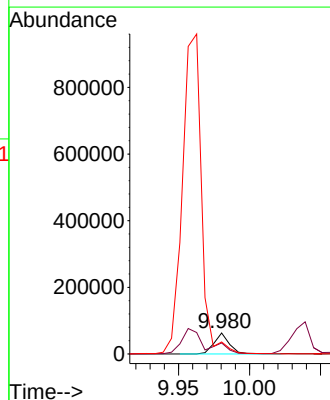
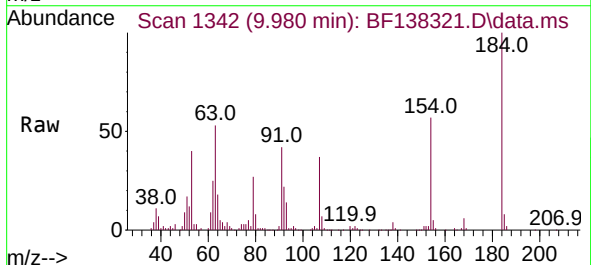
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

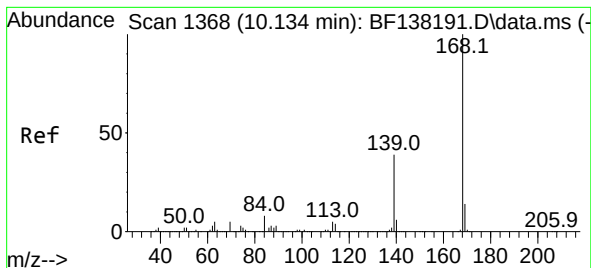
Tgt Ion:138 Resp: 185559
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 107.6 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 27.459 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:184 Resp: 47974
Ion Ratio Lower Upper
184 100
63 52.8 49.2 73.8
154 57.4 46.7 70.1





#55

Dibenzenofuran

Concen: 45.468 ng

RT: 10.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

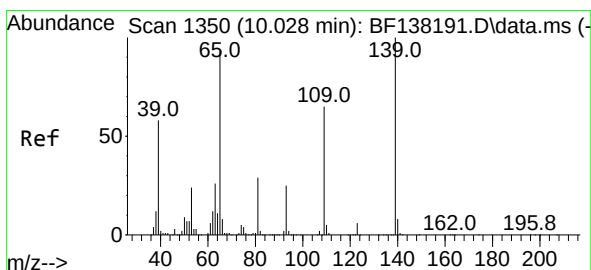
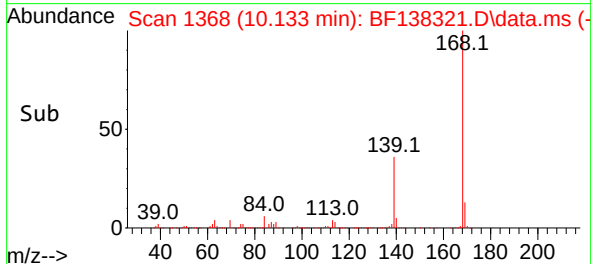
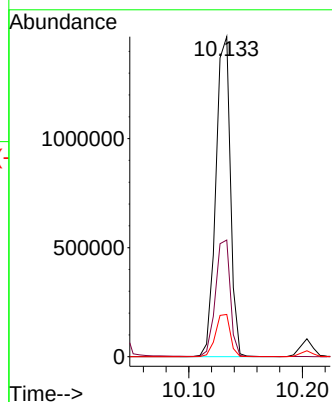
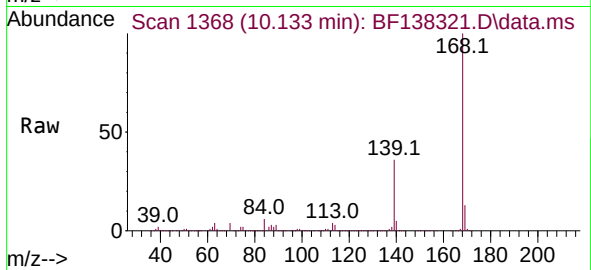
Tgt Ion:168 Resp: 1307391

Ion Ratio Lower Upper

168 100

139 36.4 31.0 46.4

169 13.2 11.4 17.0



#56

4-Nitrophenol

Concen: 87.158 ng

RT: 10.039 min Scan# 1352

Delta R.T. 0.012 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

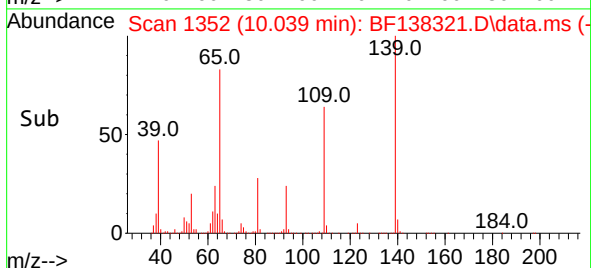
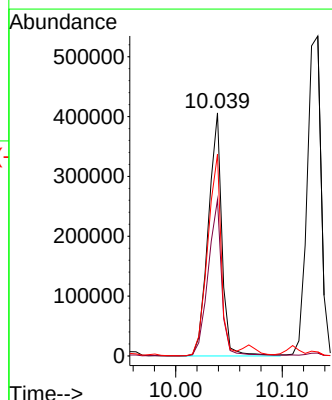
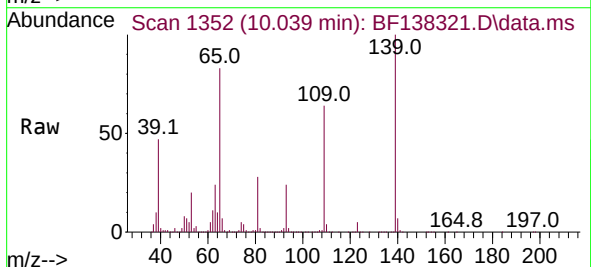
Tgt Ion:139 Resp: 362792

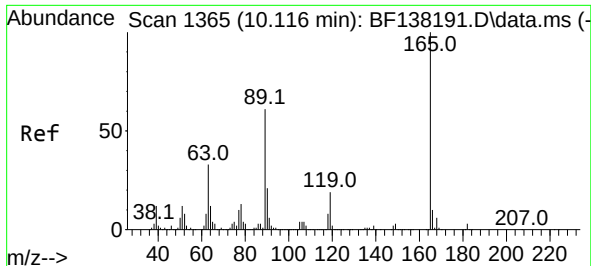
Ion Ratio Lower Upper

139 100

109 64.3 44.6 84.6

65 82.9 73.1 113.1

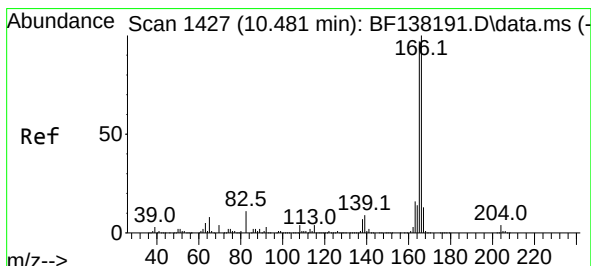
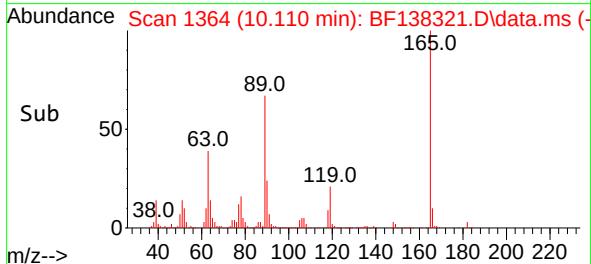
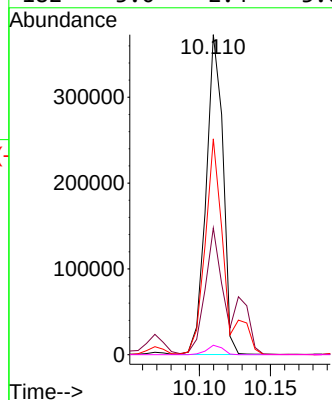
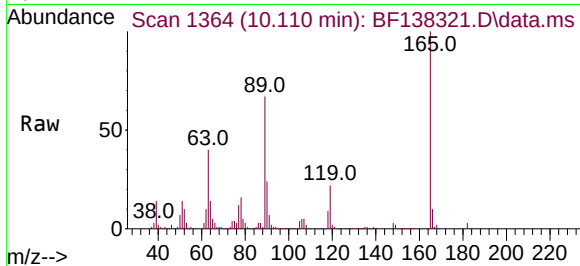




#57
2,4-Dinitrotoluene
Concen: 50.838 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

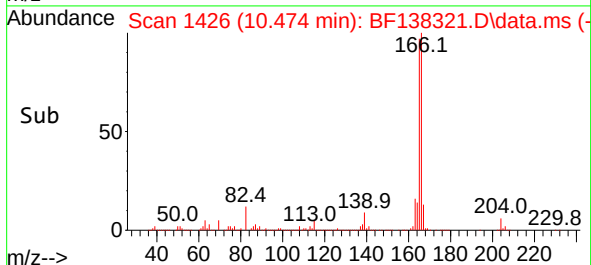
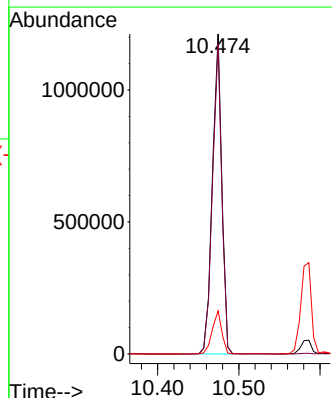
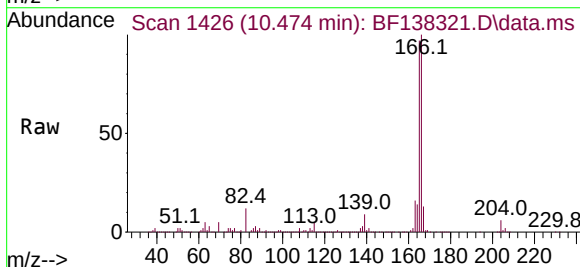
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

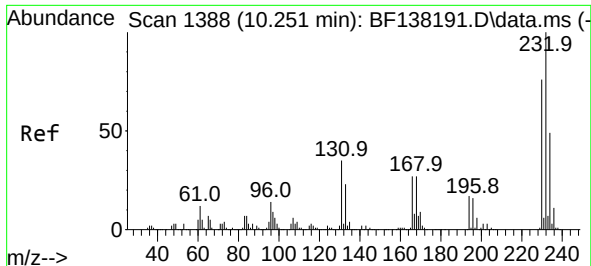
Tgt Ion:165 Resp: 309162
Ion Ratio Lower Upper
165 100
63 39.6 26.6 39.8
89 67.5 48.7 73.1
182 3.0 2.4 3.6



#58
Fluorene
Concen: 42.886 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:166 Resp: 969561
Ion Ratio Lower Upper
166 100
165 97.0 77.9 116.9
167 13.4 10.7 16.1

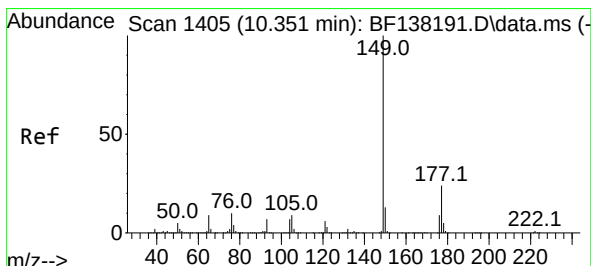
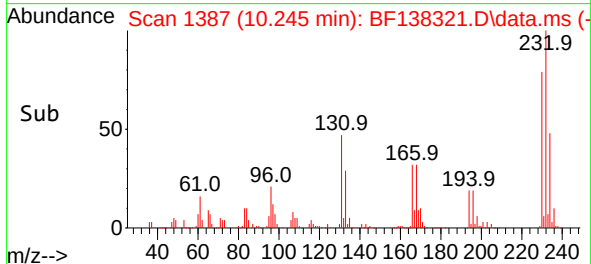
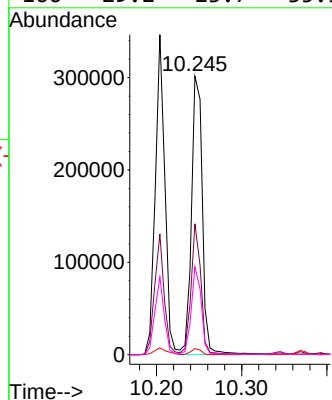
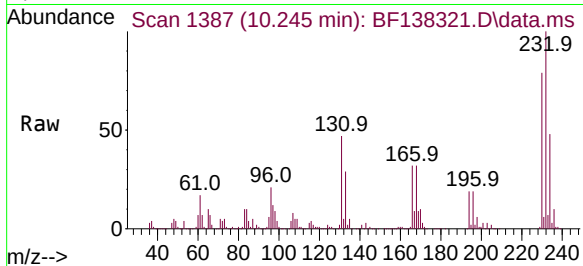




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.448 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

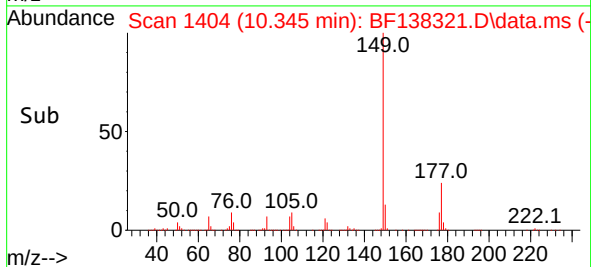
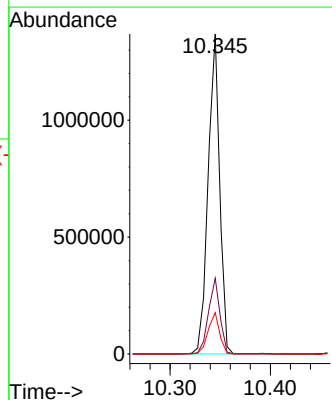
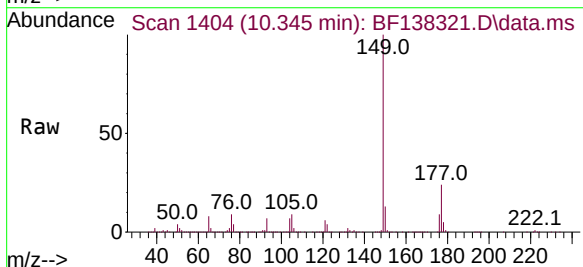
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

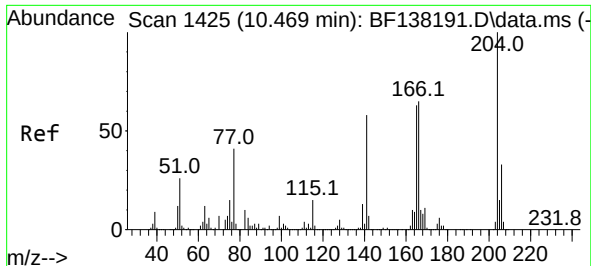
Tgt Ion:232 Resp: 264738
Ion Ratio Lower Upper
232 100
131 42.2 33.6 50.4
130 2.1 1.7 2.5
166 29.2 23.7 35.5



#60
Diethylphthalate
Concen: 51.018 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:149 Resp: 1100484
Ion Ratio Lower Upper
149 100
177 23.6 19.4 29.0
150 12.9 10.2 15.4

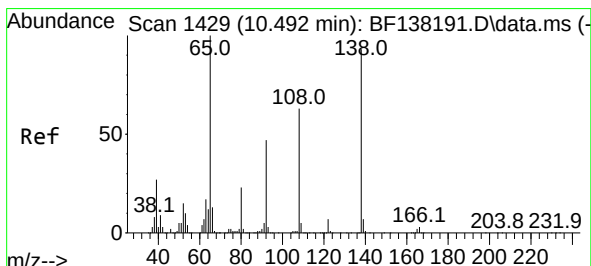
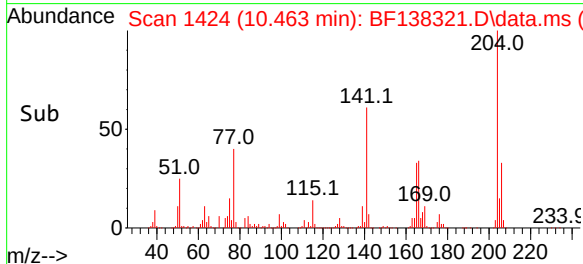
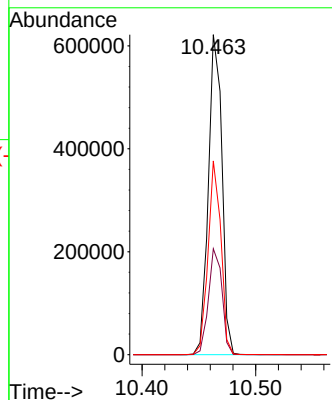
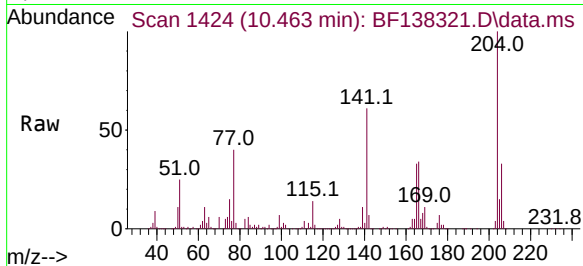




#61
4-Chlorophenyl-phenylether
Concen: 45.697 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

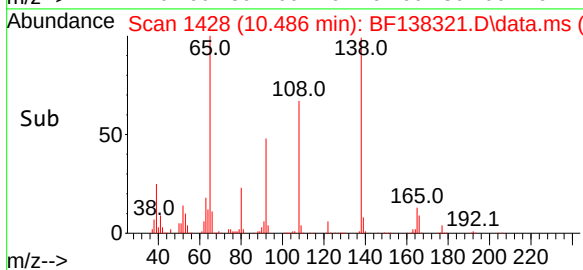
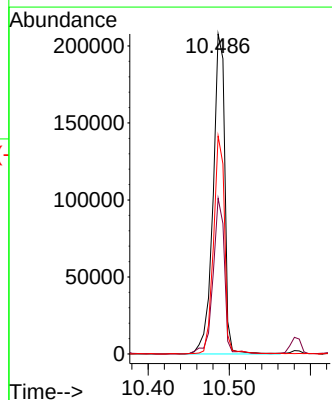
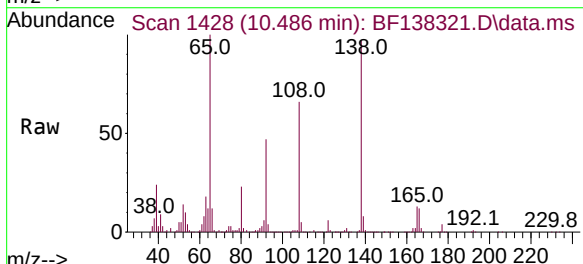
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

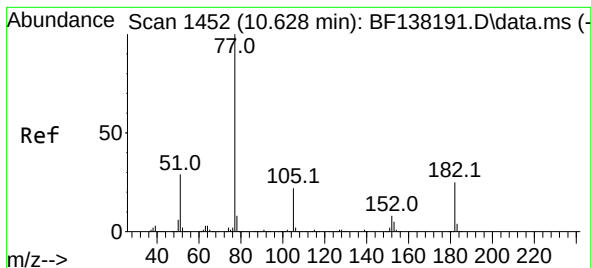
Tgt Ion:204 Resp: 514521
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 60.6 46.3 69.5



#62
4-Nitroaniline
Concen: 39.661 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:138 Resp: 208727
Ion Ratio Lower Upper
138 100
92 48.7 30.9 70.9
108 68.1 47.8 87.8





#63

Azobenzene

Concen: 43.500 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.001 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

Tgt Ion: 77 Resp: 940045

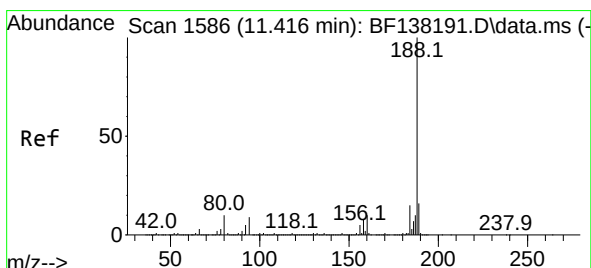
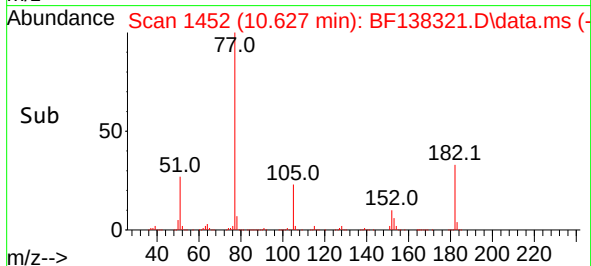
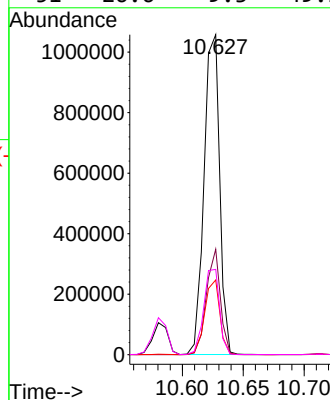
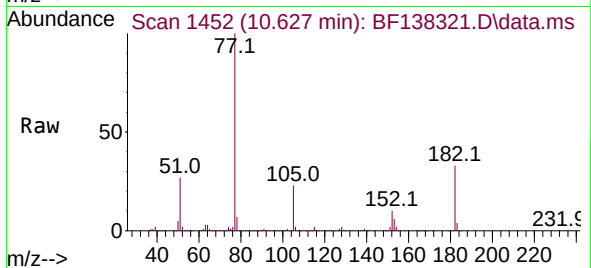
Ion Ratio Lower Upper

77 100

182 32.9 5.5 45.5

105 23.3 1.8 41.8

51 26.6 9.3 49.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

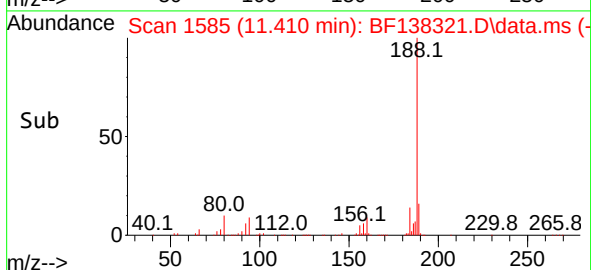
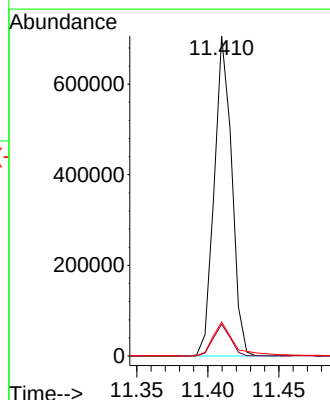
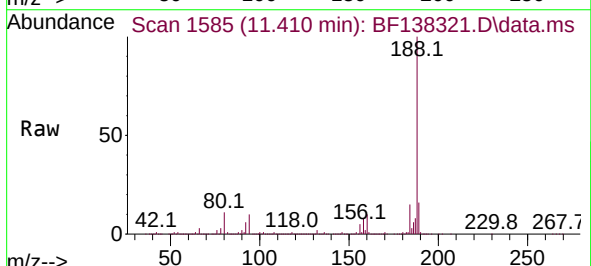
Tgt Ion: 188 Resp: 606845

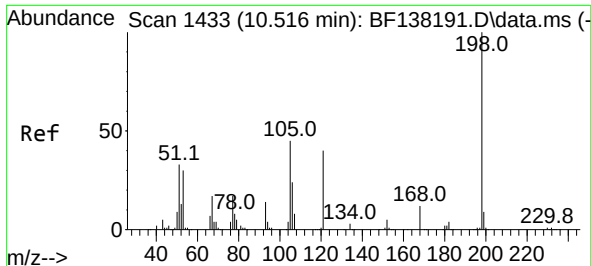
Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.6 8.1 12.1

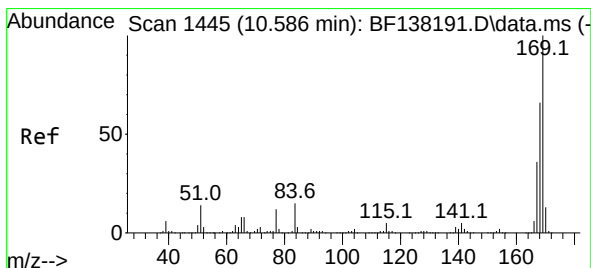
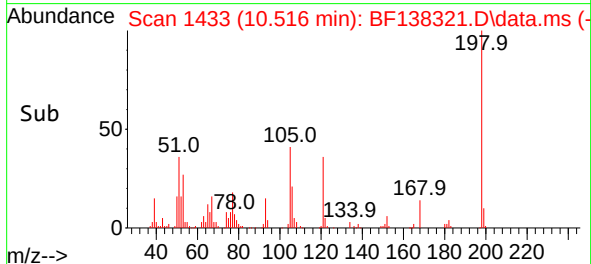
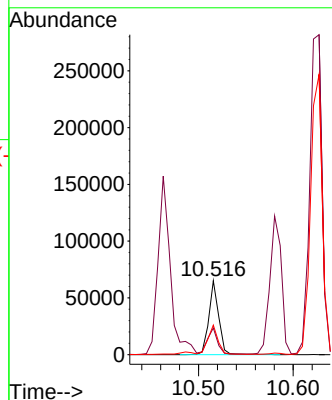
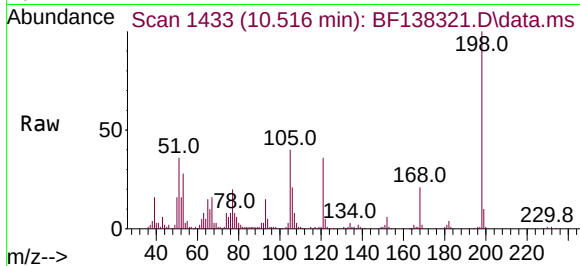




#65
4,6-Dinitro-2-methylphenol
Concen: 19.942 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

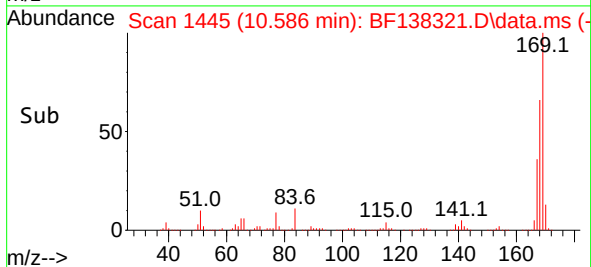
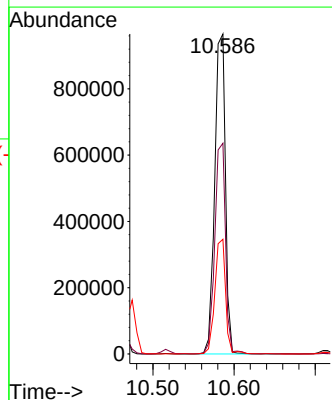
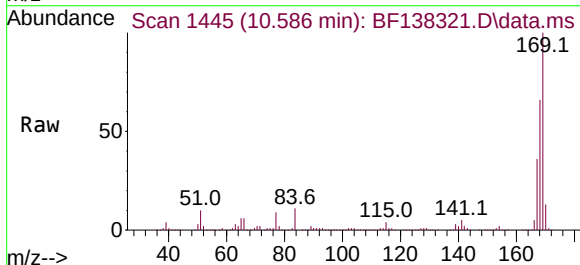
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

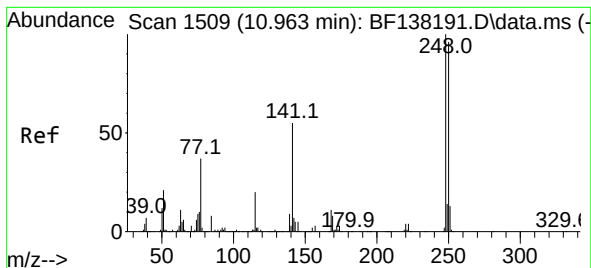
Tgt Ion:198 Resp: 47016
Ion Ratio Lower Upper
198 100
51 36.1 26.9 66.9
105 40.1 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 47.355 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:169 Resp: 879801
Ion Ratio Lower Upper
169 100
168 65.8 52.9 79.3
167 35.9 29.0 43.6

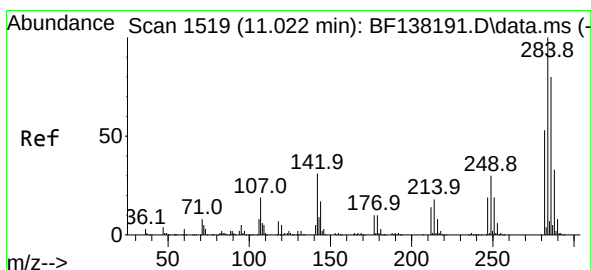
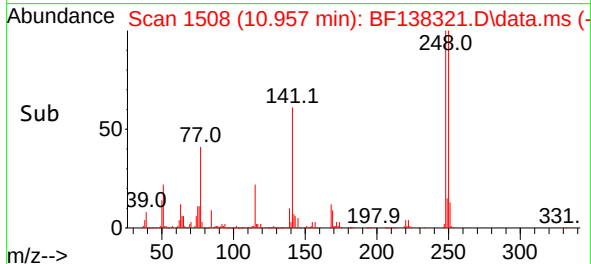
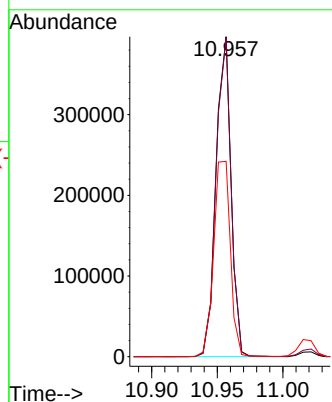
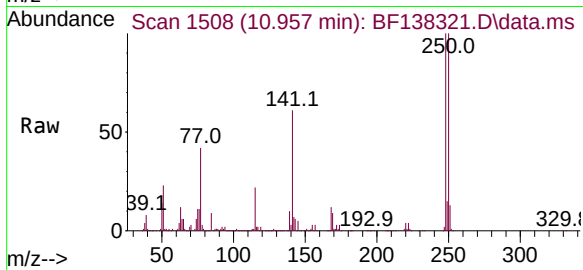




#67
4-Bromophenyl-phenylether
Concen: 46.287 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

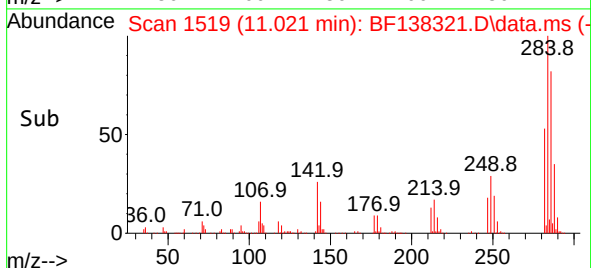
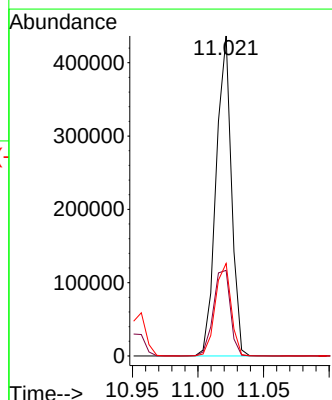
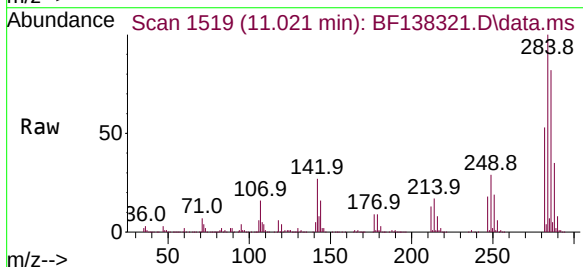
Instrument :
BNA_F
ClientSampleId :
VNJ-204MS

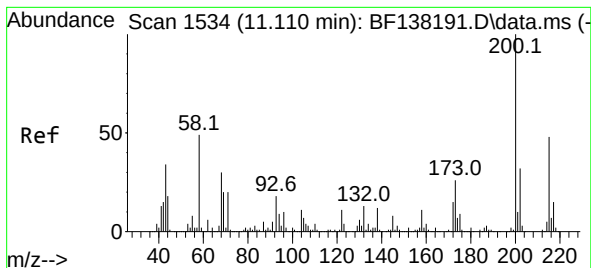
Tgt Ion:248 Resp: 316514
Ion Ratio Lower Upper
248 100
250 99.7 77.2 115.8
141 61.1 44.1 66.1



#68
Hexachlorobenzene
Concen: 44.342 ng
RT: 11.021 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138321.D
Acq: 24 Jun 2024 20:41

Tgt Ion:284 Resp: 353854
Ion Ratio Lower Upper
284 100
142 26.8 24.8 37.2
249 28.9 23.8 35.6





#69

Atrazine

Concen: 50.837 ng

RT: 11.110 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

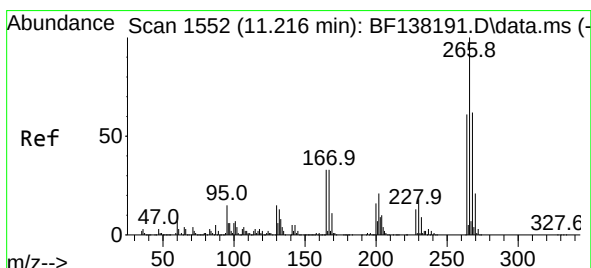
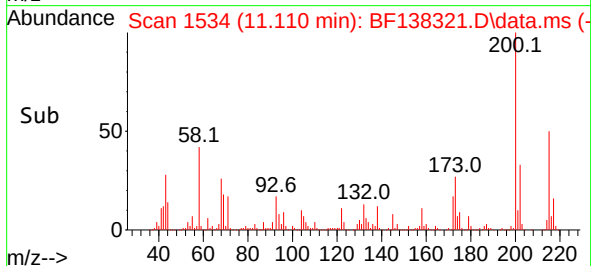
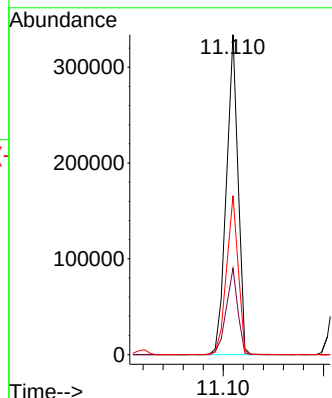
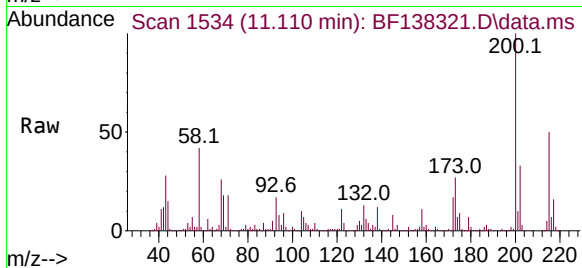
Tgt Ion:200 Resp: 269019

Ion Ratio Lower Upper

200 100

173 27.0 6.3 46.3

215 49.7 28.0 68.0



#70

Pentachlorophenol

Concen: 86.810 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

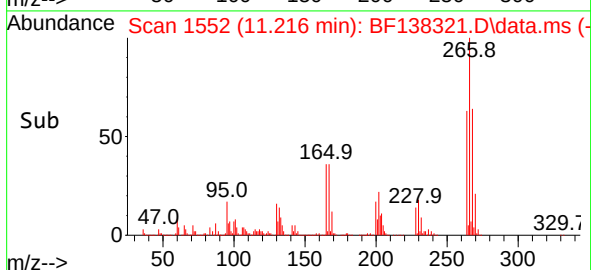
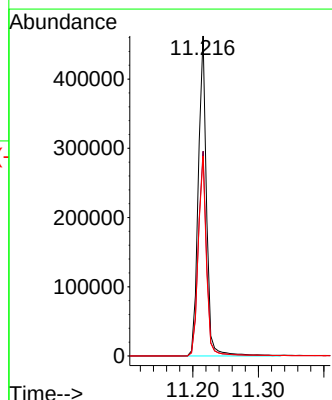
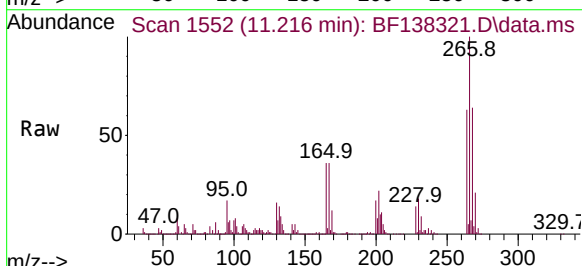
Tgt Ion:266 Resp: 404015

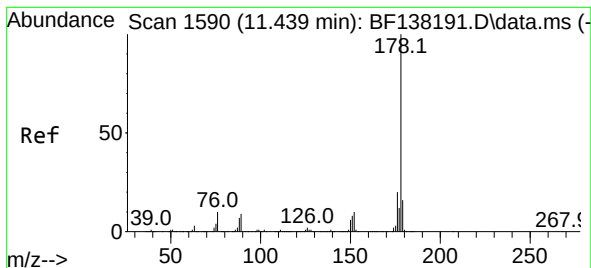
Ion Ratio Lower Upper

266 100

268 64.0 49.5 74.3

264 62.5 49.2 73.8





#71

Phenanthrene

Concen: 48.258 ng

RT: 11.439 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

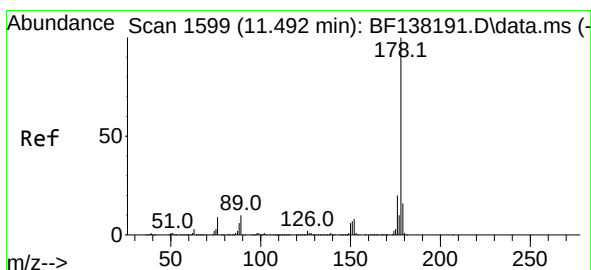
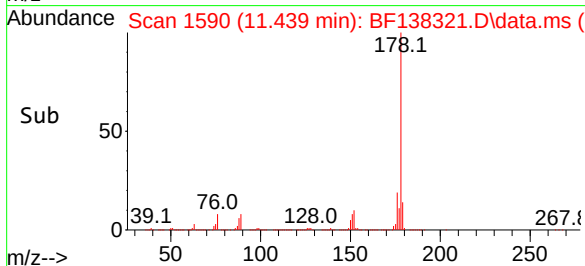
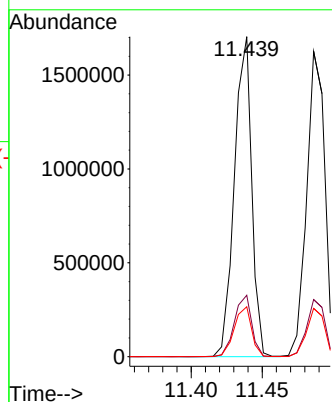
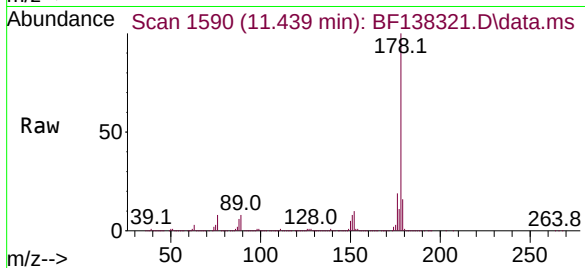
Tgt Ion:178 Resp: 1448255

Ion Ratio Lower Upper

178 100

176 19.2 16.4 24.6

179 15.6 13.1 19.7



#72

Anthracene

Concen: 48.480 ng

RT: 11.486 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

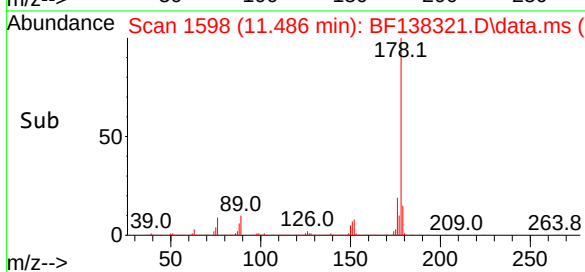
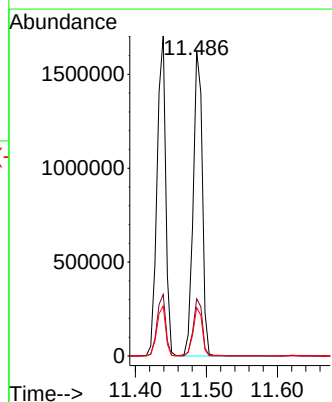
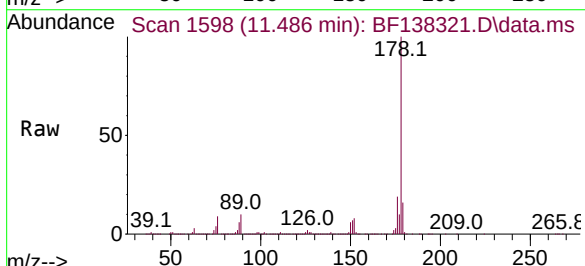
Tgt Ion:178 Resp: 1444526

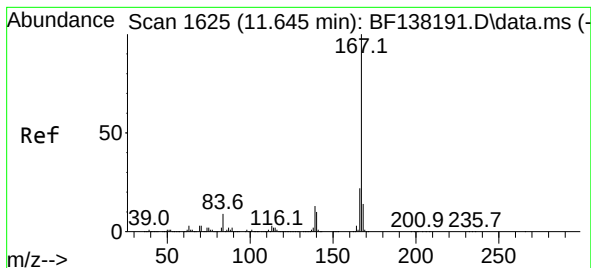
Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

179 15.8 13.0 19.6





#73

Carbazole

Concen: 47.037 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

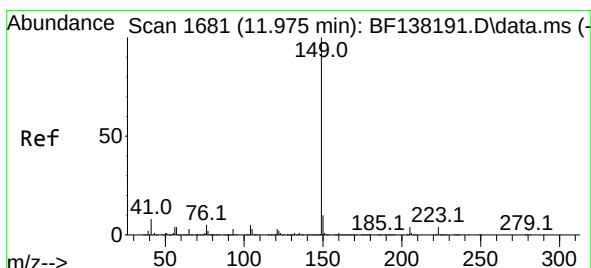
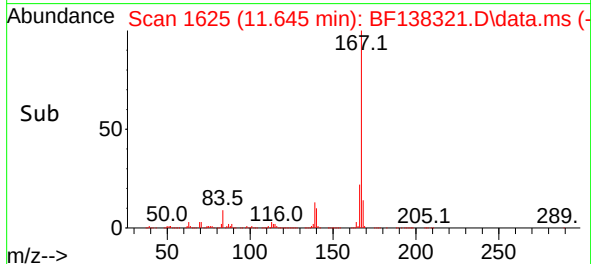
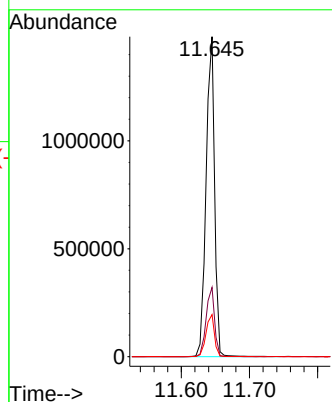
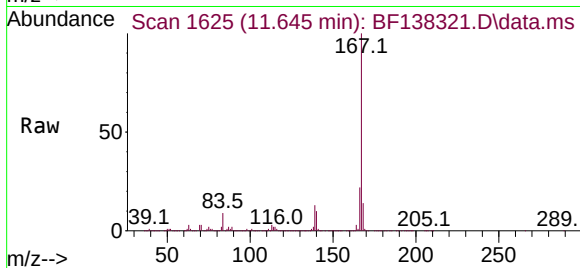
Tgt Ion:167 Resp: 1285455

Ion Ratio Lower Upper

167 100

166 21.7 18.0 27.0

139 13.1 10.6 16.0



#74

Di-n-butylphthalate

Concen: 55.437 ng

RT: 11.968 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

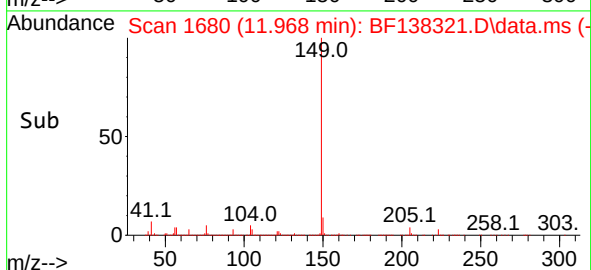
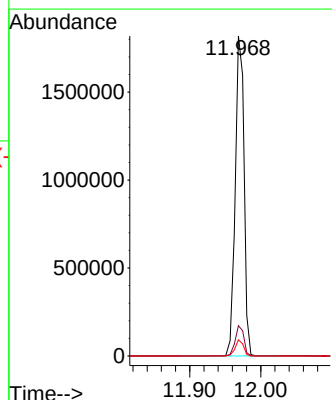
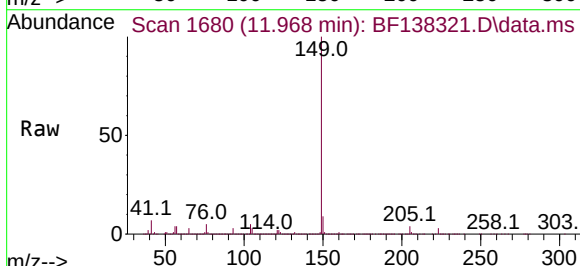
Tgt Ion:149 Resp: 1568436

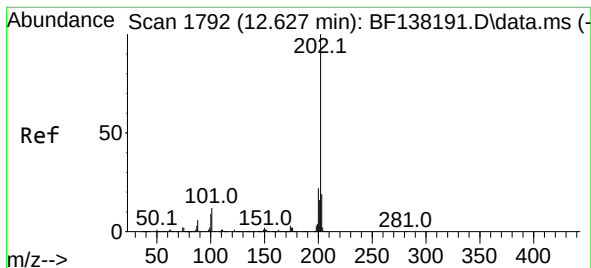
Ion Ratio Lower Upper

149 100

150 9.5 8.2 12.2

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 56.933 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

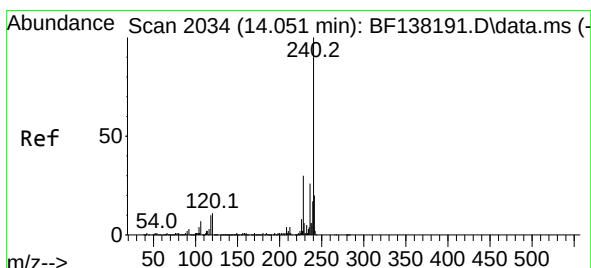
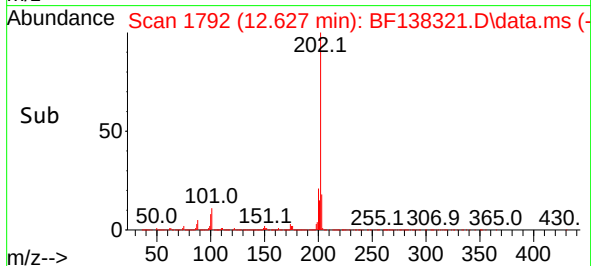
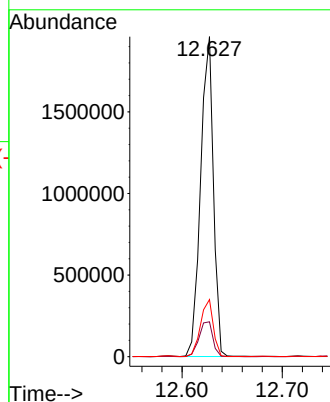
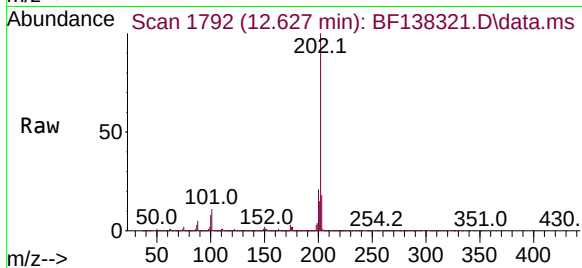
Tgt Ion:202 Resp: 1742299

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.8

203 17.8 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

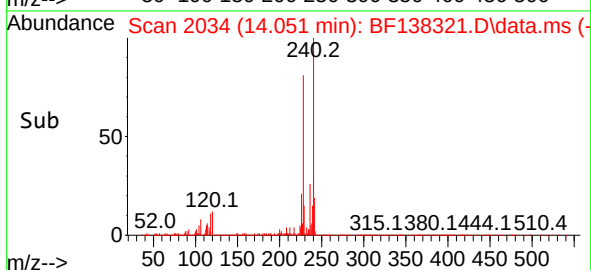
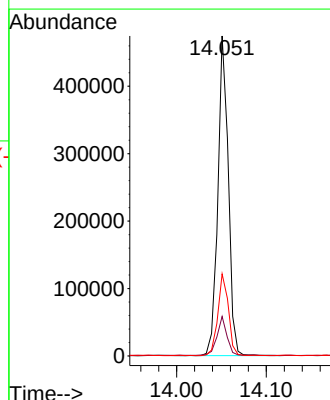
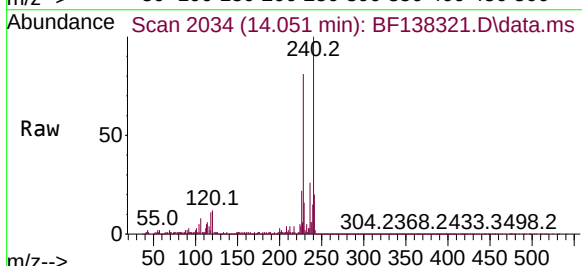
Tgt Ion:240 Resp: 382267

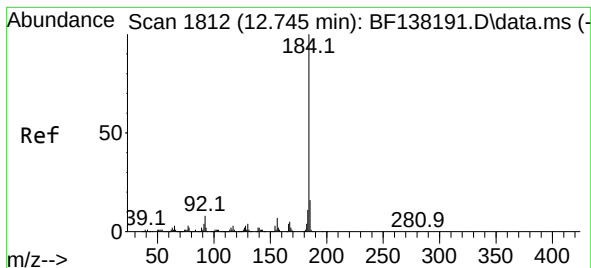
Ion Ratio Lower Upper

240 100

120 12.3 9.2 13.8

236 25.7 21.0 31.6





#77

Benzidine

Concen: 137.161 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

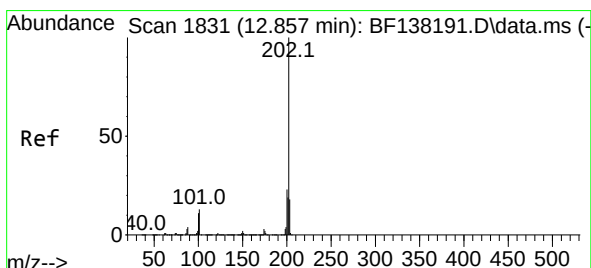
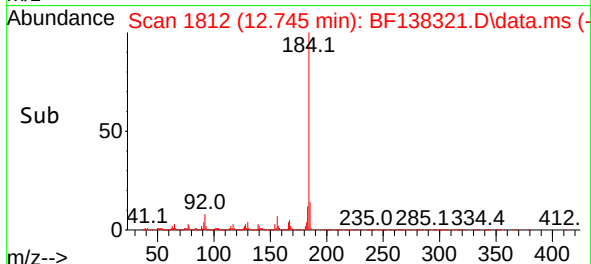
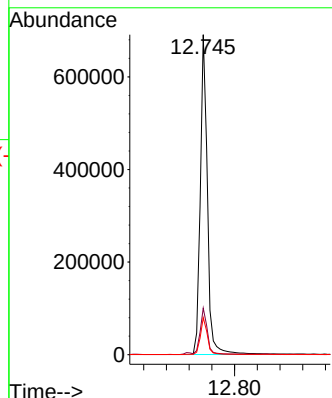
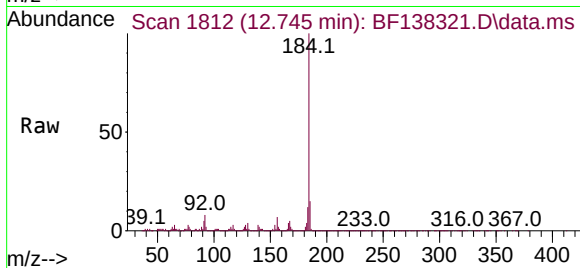
Tgt Ion:184 Resp: 606466

Ion Ratio Lower Upper

184 100

185 14.6 12.6 19.0

183 11.5 9.0 13.6



#78

Pyrene

Concen: 52.983 ng

RT: 12.857 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

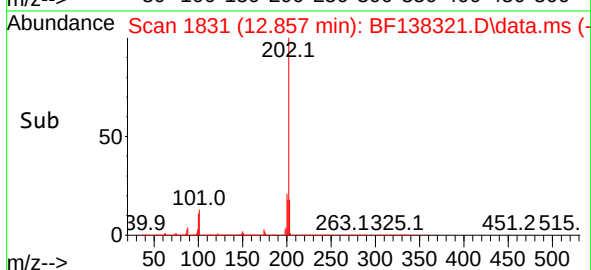
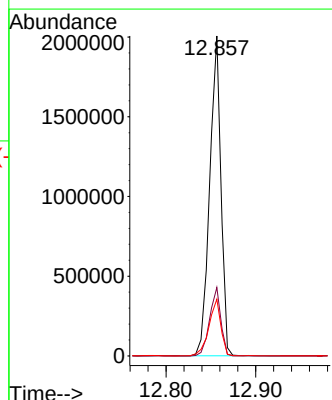
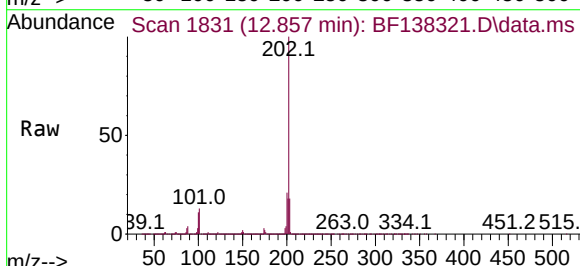
Tgt Ion:202 Resp: 1746998

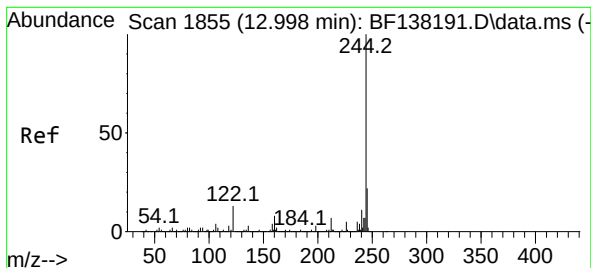
Ion Ratio Lower Upper

202 100

200 21.4 18.0 27.0

203 17.8 14.7 22.1





#79

Terphenyl-d14

Concen: 67.513 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

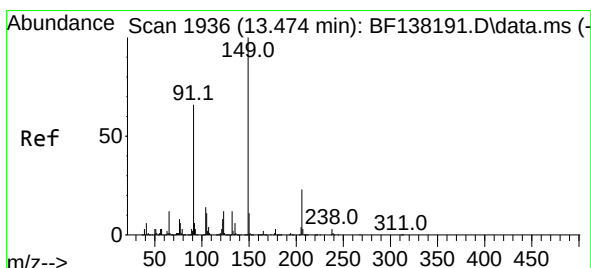
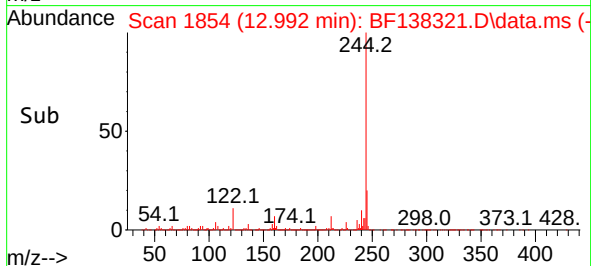
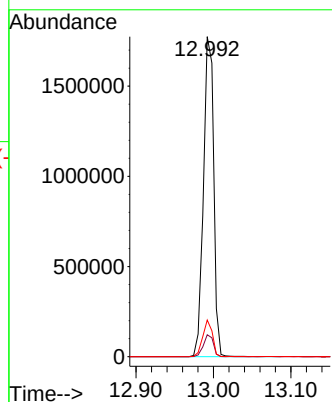
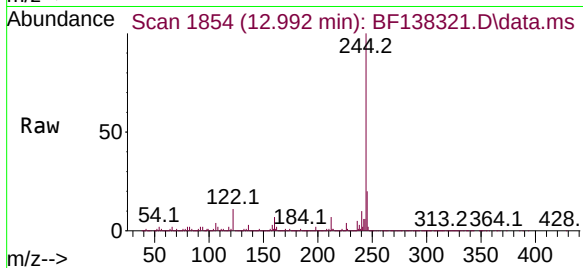
Tgt Ion:244 Resp: 1629471

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 11.4 10.6 15.8



#80

Butylbenzylphthalate

Concen: 76.674 ng

RT: 13.468 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

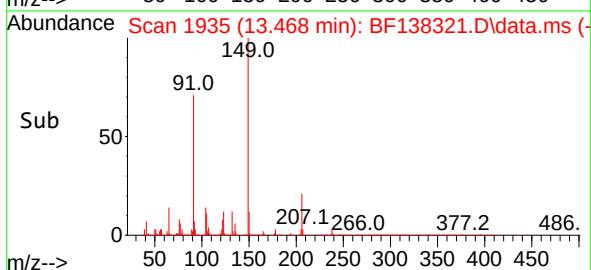
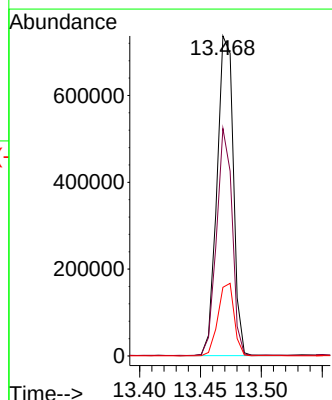
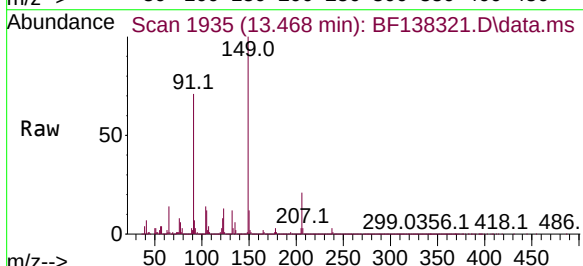
Tgt Ion:149 Resp: 687680

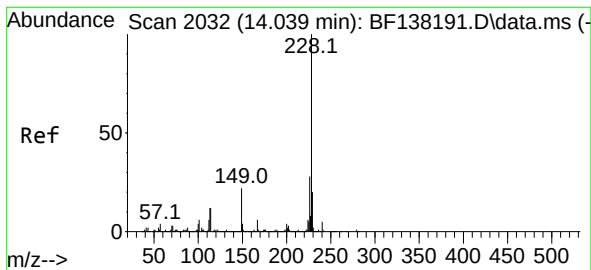
Ion Ratio Lower Upper

149 100

91 71.1 53.2 79.8

206 21.4 18.6 27.8





#81

Benzo(a)anthracene

Concen: 51.827 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

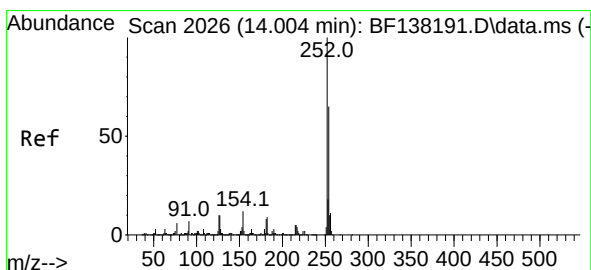
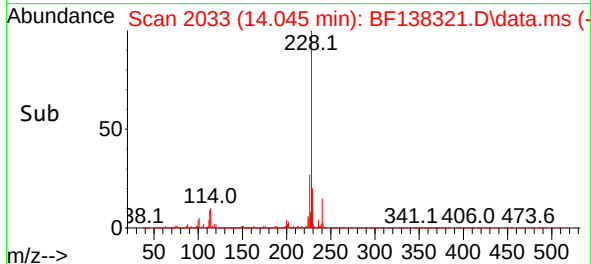
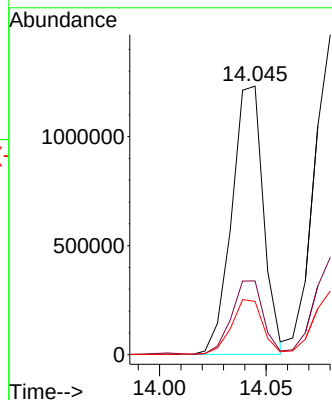
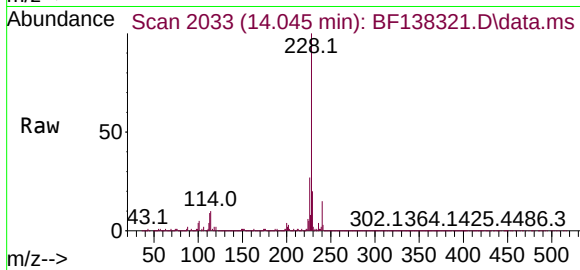
Tgt Ion:228 Resp: 1271024

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

229 19.9 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 55.846 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

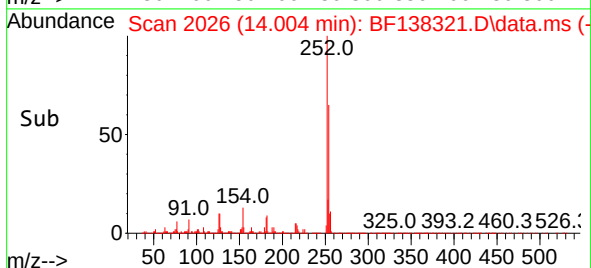
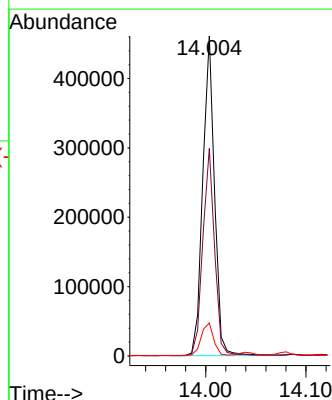
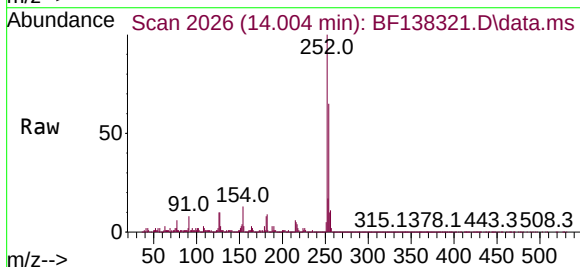
Tgt Ion:252 Resp: 377158

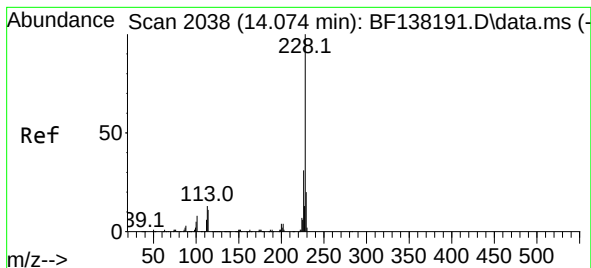
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.6

126 10.3 8.3 12.5





#83

Chrysene

Concen: 52.846 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

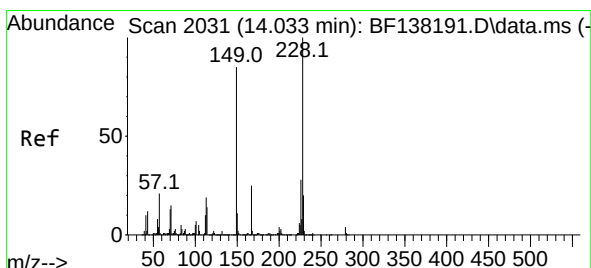
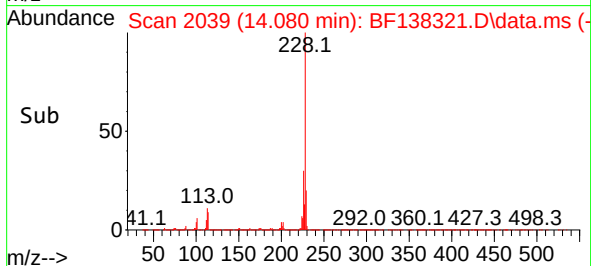
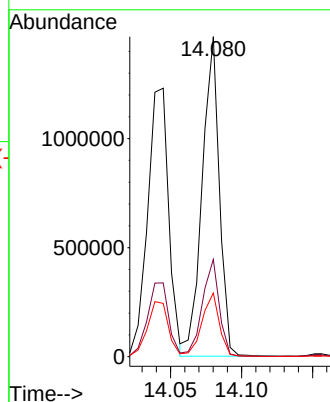
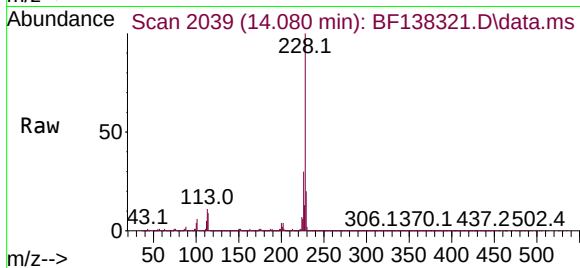
Tgt Ion:228 Resp: 1235327

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.9 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 91.085 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

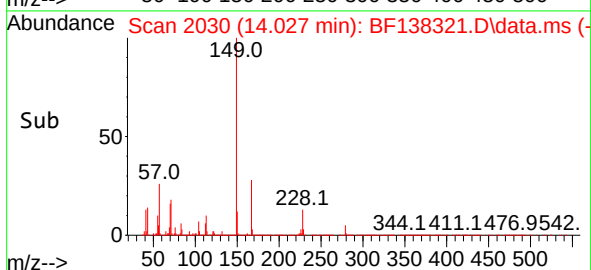
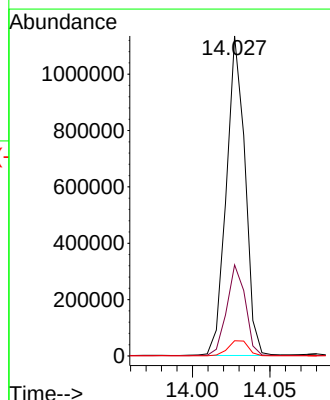
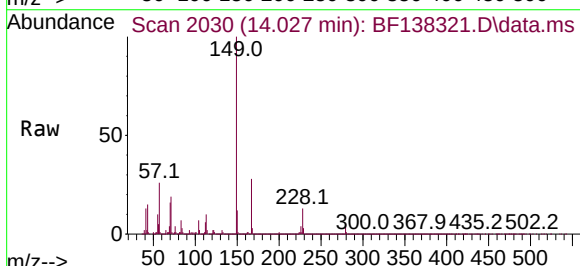
Tgt Ion:149 Resp: 950141

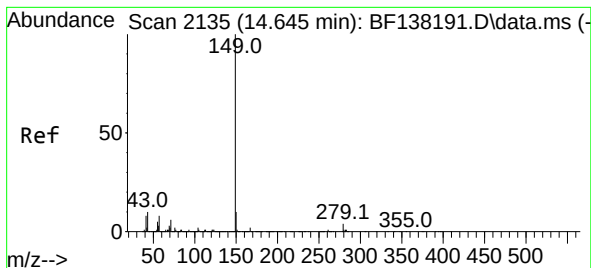
Ion Ratio Lower Upper

149 100

167 28.5 23.5 35.3

279 4.8 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 99.199 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

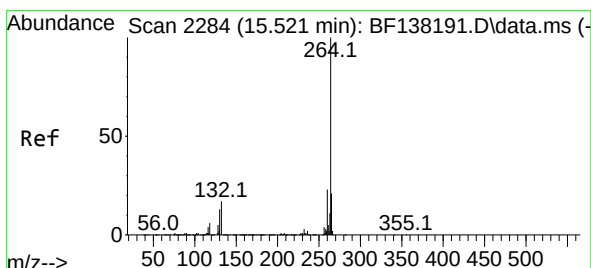
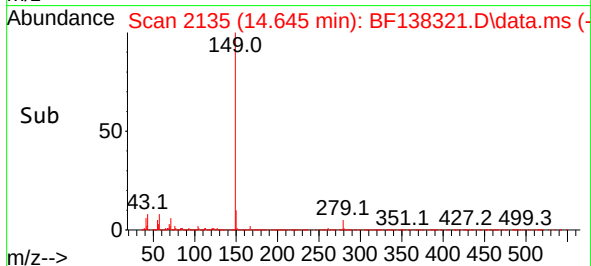
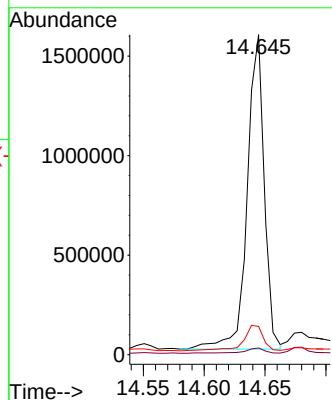
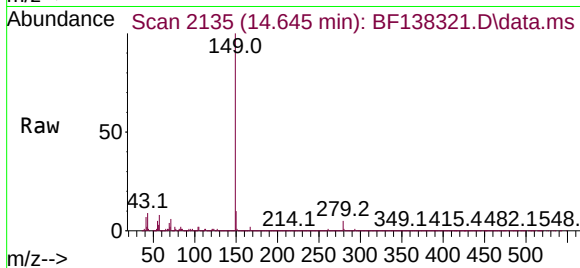
Tgt Ion:149 Resp: 1537275

Ion Ratio Lower Upper

149 100

167 2.3 1.3 1.9#

43 9.6 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

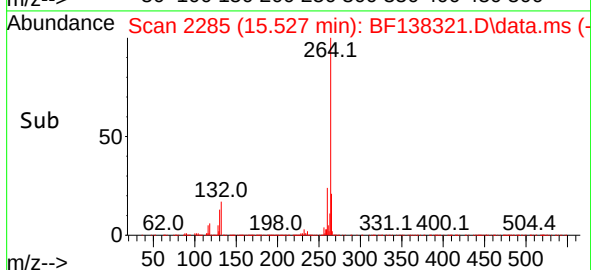
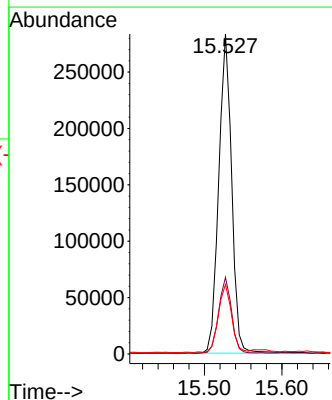
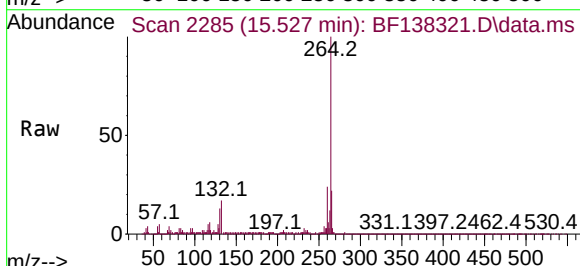
Tgt Ion:264 Resp: 327277

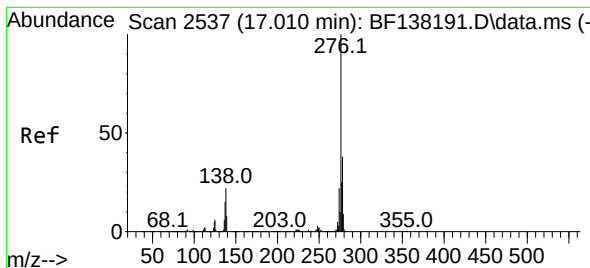
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.400 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

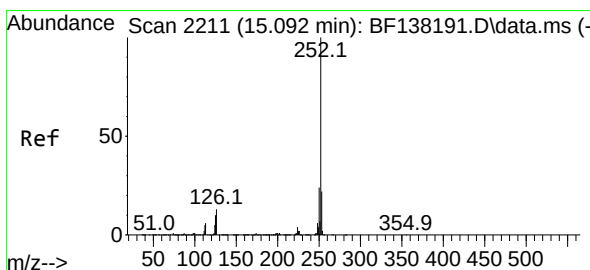
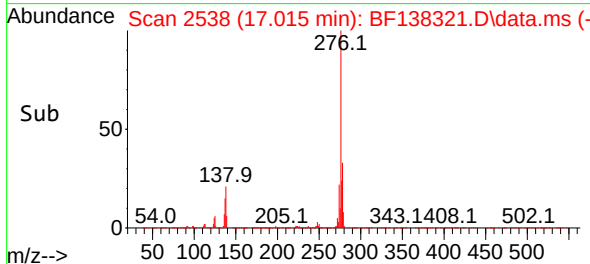
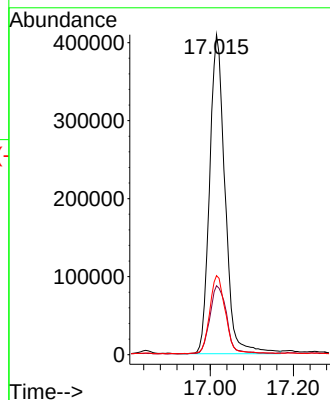
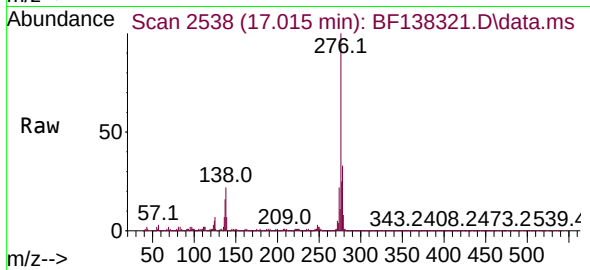
Tgt Ion:276 Resp: 1053966

Ion Ratio Lower Upper

276 100

138 23.3 19.3 28.9

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 55.376 ng

RT: 15.098 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

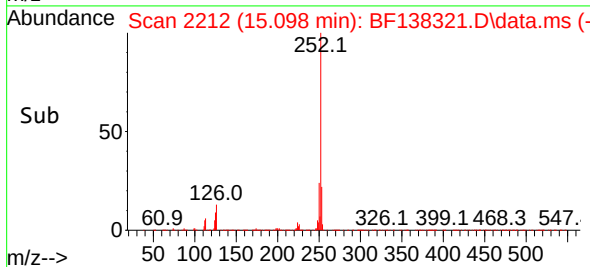
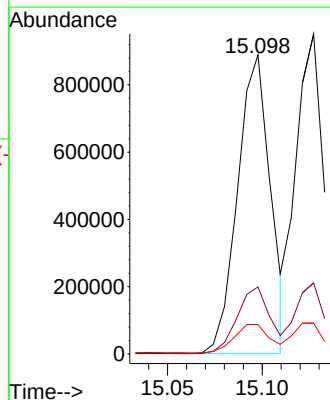
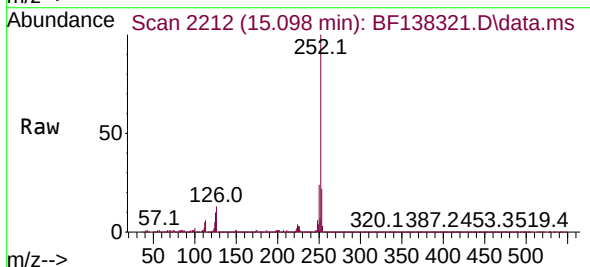
Tgt Ion:252 Resp: 1068746

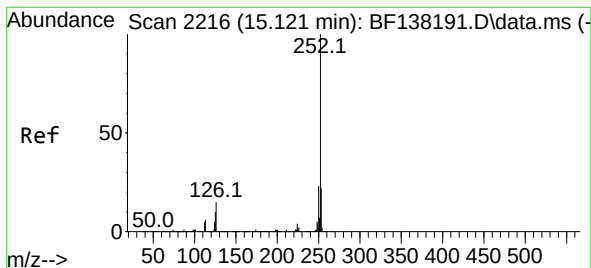
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.9 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 51.060 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

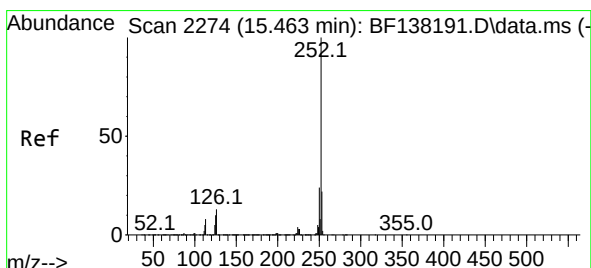
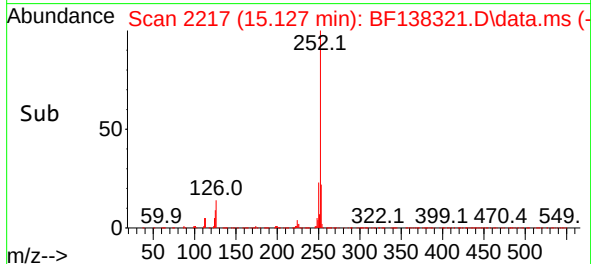
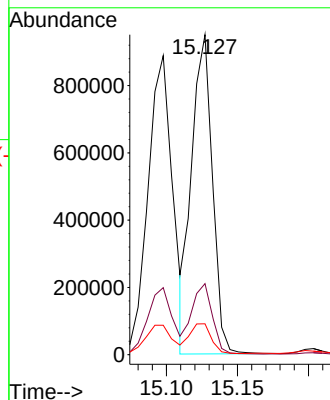
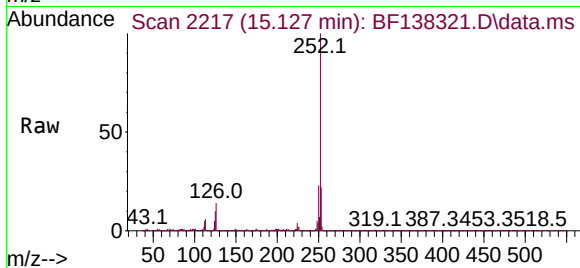
Tgt Ion:252 Resp: 965782

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 9.7 8.0 12.0



#90

Benzo(a)pyrene

Concen: 54.356 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

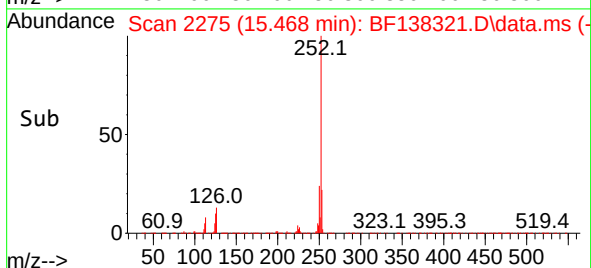
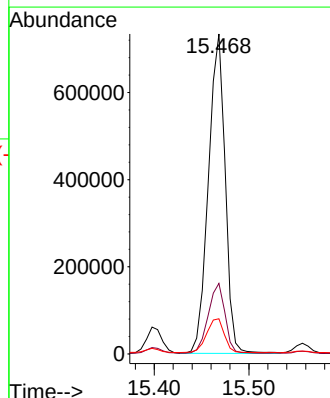
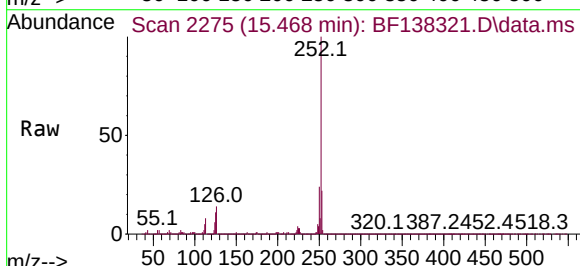
Tgt Ion:252 Resp: 901242

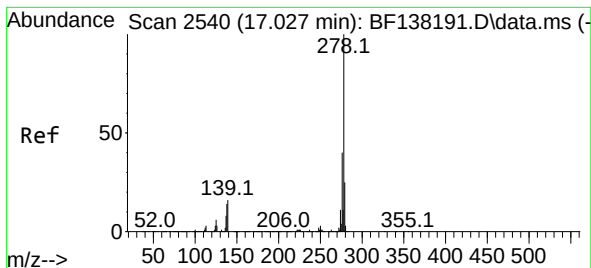
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.0 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 47.158 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Instrument :

BNA_F

ClientSampleId :

VNJ-204MS

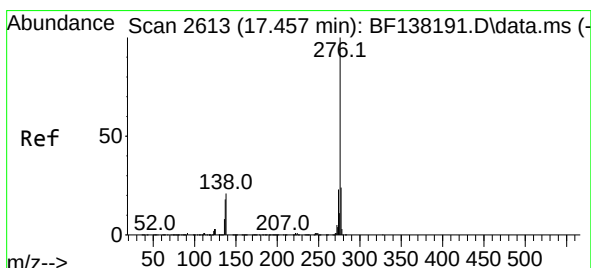
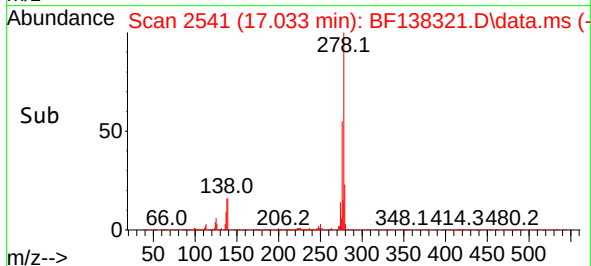
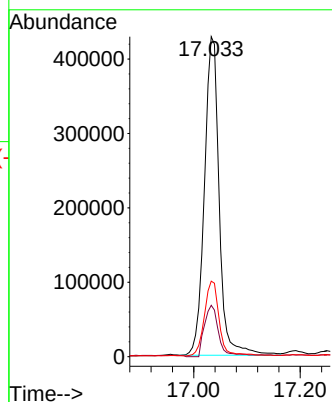
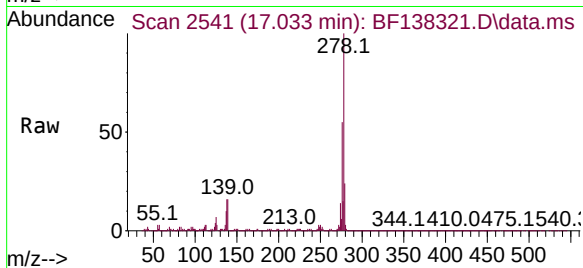
Tgt Ion:278 Resp: 825842

Ion Ratio Lower Upper

278 100

139 16.1 12.9 19.3

279 23.6 19.9 29.9



#92

Benzo(g,h,i)perylene

Concen: 44.053 ng

RT: 17.468 min Scan# 2615

Delta R.T. 0.012 min

Lab File: BF138321.D

Acq: 24 Jun 2024 20:41

Tgt Ion:276 Resp: 798082

Ion Ratio Lower Upper

276 100

277 24.4 19.5 29.3

138 20.2 16.6 24.8

