

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138407.D
 Acq On : 01 Jul 2024 17:05
 Operator : CG\JU
 Sample : P3115-12MS 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-325MS

Quant Time: Jul 01 17:54:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	172973	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	643571	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	266742	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	304412	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	290800	20.000	ng	0.00
86) Perylene-d12	15.498	264	301618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	120847	11.583	ng	0.00
7) Phenol-d6	6.504	99	162691	11.576	ng	-0.01
23) Nitrobenzene-d5	7.428	82	93035	7.510	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	19404	8.904	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	165732	9.888	ng	0.00
79) Terphenyl-d14	12.980	244	98236	4.629	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	21722	4.420	ng	98
3) Pyridine	3.416	79	50946	4.346	ng	96
4) n-Nitrosodimethylamine	3.345	42	37460	5.122	ng	# 93
8) 2-Chlorophenol	6.657	128	62127	5.547	ng	95
10) Phenol	6.516	94	82921	5.538	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	63434	5.394	ng	96
12) 1,3-Dichlorobenzene	6.810	146	67863	5.291	ng	98
13) 1,4-Dichlorobenzene	6.892	146	68032	5.290	ng	97
14) 1,2-Dichlorobenzene	7.039	146	63259	5.328	ng	99
15) Benzyl Alcohol	7.010	79	52940	5.259	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	130421	5.498	ng	99
17) 2-Methylphenol	7.128	107	49619	5.346	ng	96
18) Hexachloroethane	7.386	117	23442	5.054	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	50810	5.735	ng	95
20) 3+4-Methylphenols	7.281	107	63393	5.878	ng	93
22) Acetophenone	7.275	105	79615	5.453	ng	# 90
24) Nitrobenzene	7.451	77	65359	5.187	ng	98
25) Isophorone	7.686	82	125711	5.503	ng	99
26) 2-Nitrophenol	7.769	139	26024	4.788	ng	98
27) 2,4-Dimethylphenol	7.804	122	40560	5.831	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	76937	5.595	ng	98
29) 2,4-Dichlorophenol	8.016	162	47175	5.280	ng	95
30) 1,2,4-Trichlorobenzene	8.092	180	53002	5.102	ng	96
31) Naphthalene	8.175	128	203033	6.241	ng	98
32) Benzoic acid	7.869	122	19362	6.884	ng	95
34) Hexachlorobutadiene	8.292	225	30933	4.960	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	49928	5.247	ng	98
37) 2-Methylnaphthalene	8.863	142	125705	5.978	ng	99
38) 1-Methylnaphthalene	8.963	142	113168	5.550	ng	97
40) 1,2,4,5-Tetrachloroben...	9.027	216	43803	5.937	ng	98
41) Hexachlorocyclopentadiene	9.016	237	25966	11.956	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	28929	6.162	ng	96
44) 2,4,5-Trichlorophenol	9.186	196	27422	5.371	ng	# 63
46) 1,1'-Biphenyl	9.327	154	140022	7.030	ng	97
47) 2-Chloronaphthalene	9.351	162	90878	5.985	ng	99
48) 2-Nitroaniline	9.445	65	33865	6.913	ng	87

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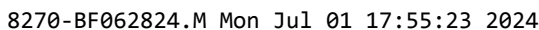
Instrument :
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 ClientSampleId :
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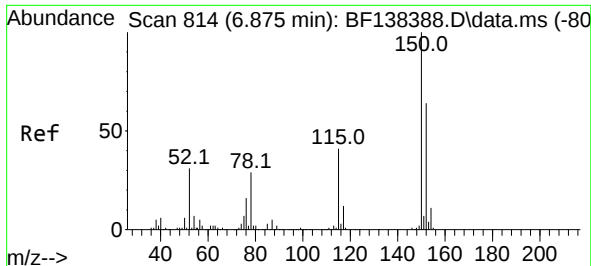
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthylene	9.769	152	165663	7.757	ng	93
50) Dimethylphthalate	9.622	163	115035	6.710	ng	# 94
51) 2,6-Dinitrotoluene	9.686	165	31626	8.237	ng	93
52) Acenaphthene	9.939	154	101580	6.946	ng	98
53) 3-Nitroaniline	9.857	138	16711	4.407	ng	# 74
54) 2,4-Dinitrophenol	9.963	184	5504	11.941	ng	# 63
55) Dibenzofuran	10.116	168	132924	6.597	ng	96
56) 4-Nitrophenol	10.027	139	19321	7.858	ng	# 1
57) 2,4-Dinitrotoluene	10.092	165	23698	5.013	ng	# 70
58) Fluorene	10.457	166	90157	5.631	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.233	232	15957	4.208	ng	# 71
60) Diethylphthalate	10.321	149	92553	5.774	ng	# 86
61) 4-Chlorophenyl-phenyle...	10.451	204	41189	5.071	ng	# 84
62) 4-Nitroaniline	10.463	138	14680	4.218	ng	# 79
63) Azobenzene	10.610	77	82674	4.884	ng	91
65) 4,6-Dinitro-2-methylph...	10.498	198	5159	8.582	ng	# 1
66) n-Nitrosodiphenylamine	10.563	169	66740	7.062	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	17335	5.298	ng	# 74
68) Hexachlorobenzene	11.010	284	17119	4.747	ng	# 61
69) Atrazine	11.092	200	21629	8.163	ng	# 65
70) Pentachlorophenol	11.204	266	14518	7.931	ng	95
71) Phenanthrene	11.427	178	344703	23.192	ng	97
72) Anthracene	11.427	178	344703	23.256	ng	97
73) Carbazole	11.627	167	93361	7.587	ng	# 81
74) Di-n-butylphthalate	11.957	149	103896	6.662	ng	# 86
75) Fluoranthene	12.615	202	534670	40.126	ng	98
78) Pyrene	12.845	202	693624	22.317	ng	99
80) Butylbenzylphthalate	13.451	149	45234	4.783	ng	91
81) Benzo(a)anthracene	14.021	228	499334	26.678	ng	95
82) 3,3'-Dichlorobenzidine	13.980	252	16489	2.984	ng	# 88
83) Chrysene	14.057	228	549519	30.172	ng	98
84) Bis(2-ethylhexyl)phtha...	14.009	149	77523	6.536	ng	98
85) Di-n-octyl phthalate	14.621	149	126267	6.082	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	174932	11.543	ng	98
88) Benzo(b)fluoranthene	15.074	252	1008560	60.945	ng	# 96
89) Benzo(k)fluoranthene	15.074	252	1008560	66.167	ng	# 97
90) Benzo(a)pyrene	15.439	252	338826	23.359	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	86073	7.036	ng	# 95
92) Benzo(g,h,i)perylene	17.403	276	134663	11.253	ng	96

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

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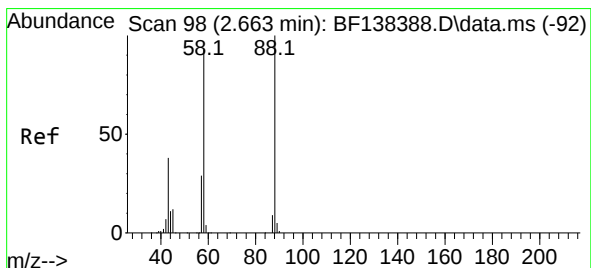
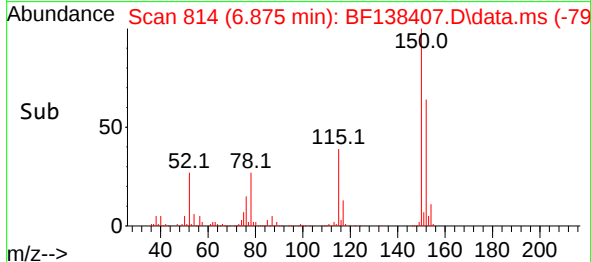
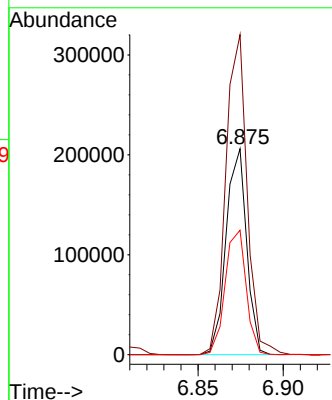
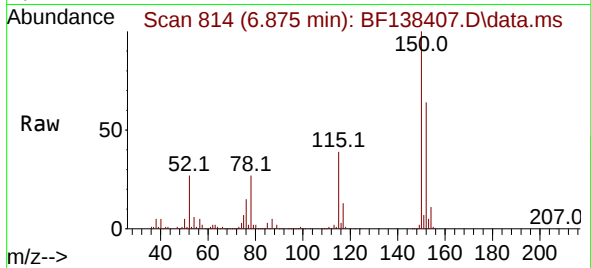




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF138407.D
 Acq: 01 Jul 2024 17:05

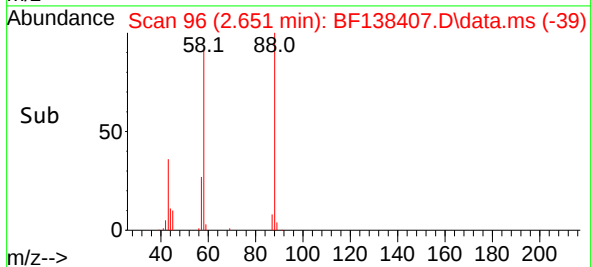
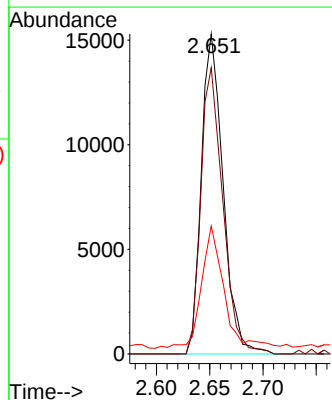
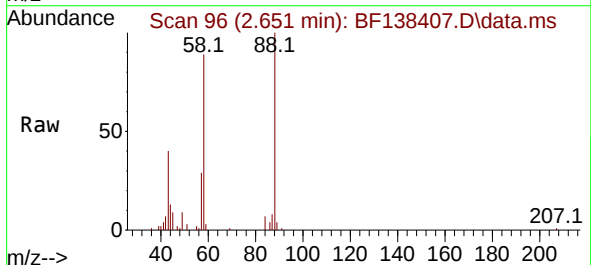
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-325MS

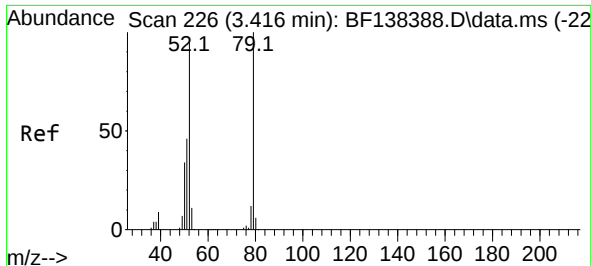
Tgt Ion:152 Resp: 172973
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.9 187.3
 115 60.5 50.8 76.2



#2
 1,4-Dioxane
 Concen: 4.420 ng
 RT: 2.651 min Scan# 96
 Delta R.T. -0.012 min
 Lab File: BF138407.D
 Acq: 01 Jul 2024 17:05

Tgt Ion: 88 Resp: 21722
 Ion Ratio Lower Upper
 88 100
 58 90.6 73.7 110.5
 43 40.1 30.1 45.1





#3

Pyridine

Concen: 4.346 ng

RT: 3.416 min Scan# 214

Delta R.T. -0.000 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

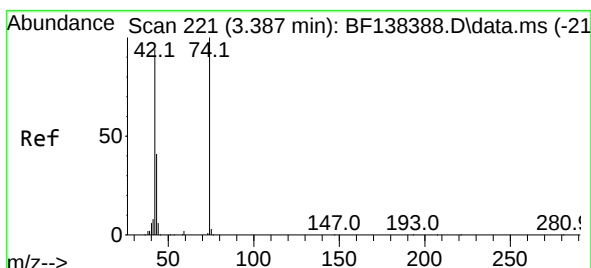
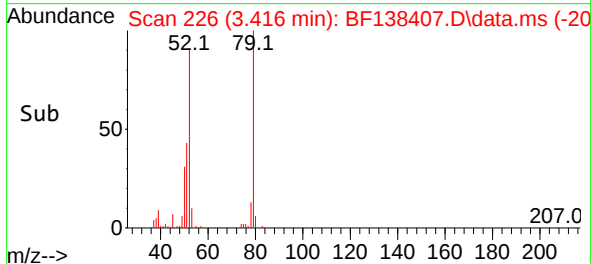
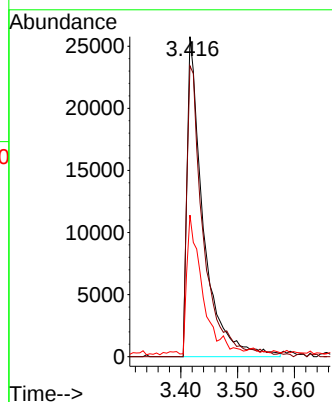
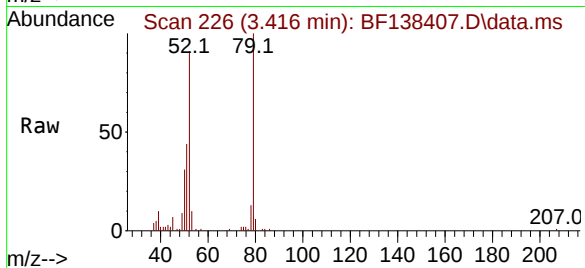
Tgt Ion: 79 Resp: 50946

Ion Ratio Lower Upper

79 100

52 90.9 76.2 114.2

51 44.3 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 5.122 ng

RT: 3.345 min Scan# 214

Delta R.T. -0.041 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

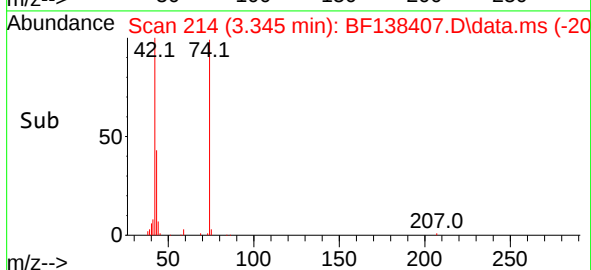
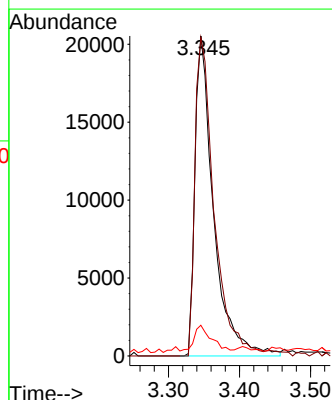
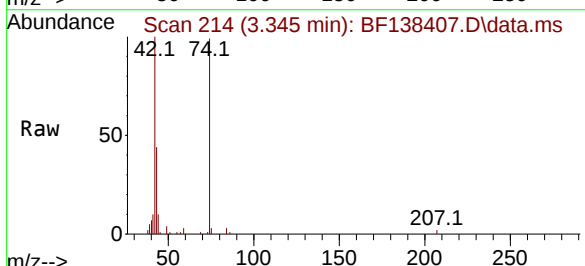
Tgt Ion: 42 Resp: 37460

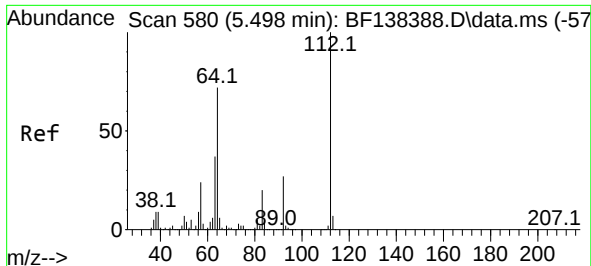
Ion Ratio Lower Upper

42 100

74 99.5 85.1 127.7

44 9.6 5.5 8.3

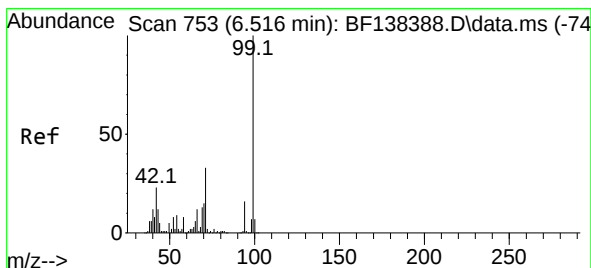
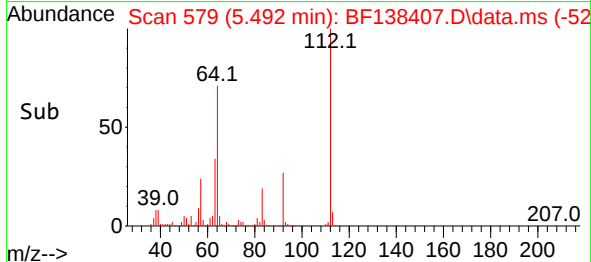
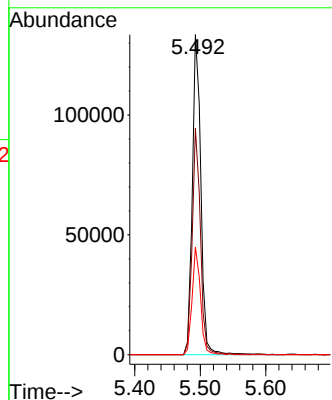
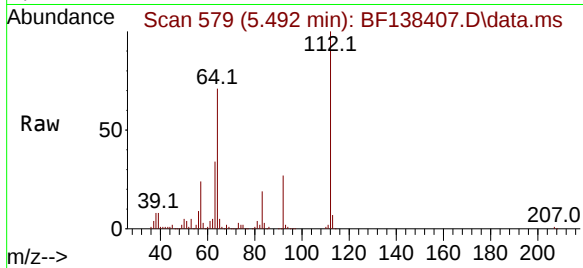




#5
2-Fluorophenol
Concen: 11.583 ng
RT: 5.492 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

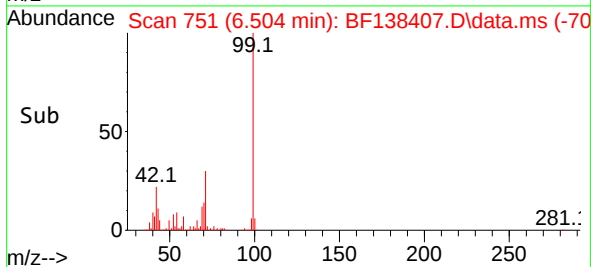
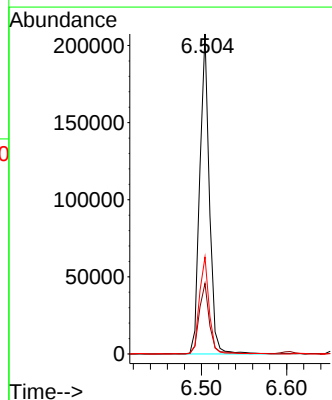
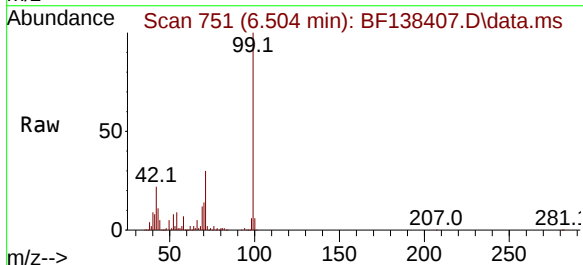
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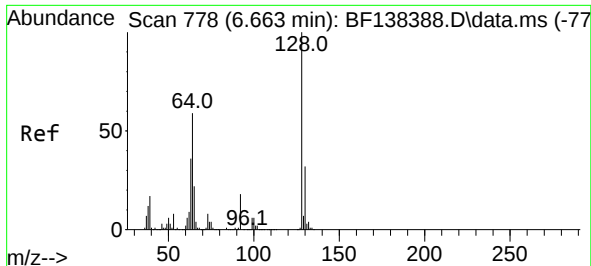
Tgt Ion:112 Resp: 120847
Ion Ratio Lower Upper
112 100
64 70.7 57.2 85.8
63 33.6 29.4 44.0



#7
Phenol-d6
Concen: 11.576 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion: 99 Resp: 162691
Ion Ratio Lower Upper
99 100
42 22.1 18.5 27.7
71 30.3 26.1 39.1





#8

2-Chlorophenol

Concen: 5.547 ng

RT: 6.657 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

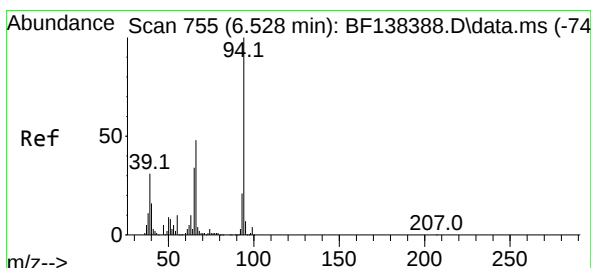
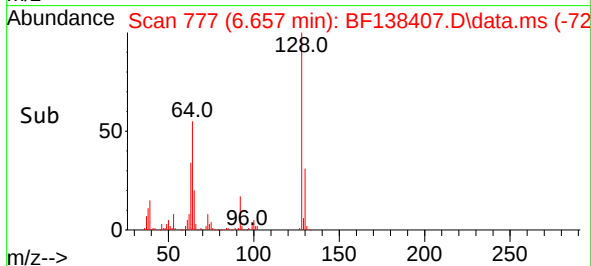
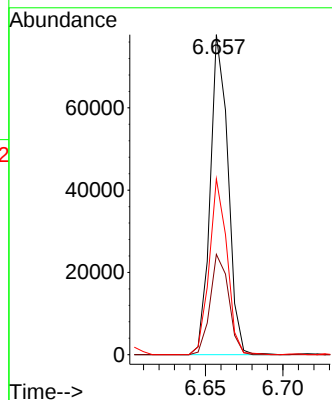
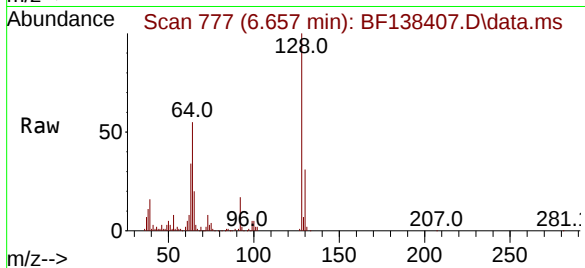
Tgt Ion:128 Resp: 62127

Ion Ratio Lower Upper

128 100

130 31.3 12.3 52.3

64 55.0 39.6 79.6



#10

Phenol

Concen: 5.538 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.012 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

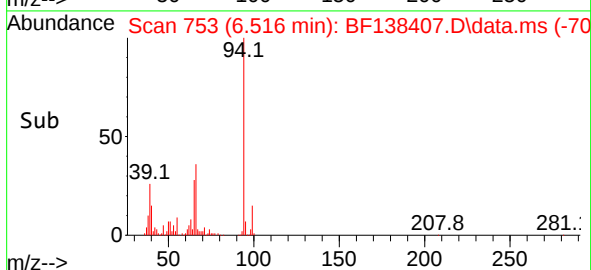
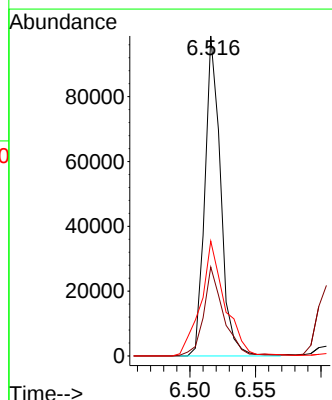
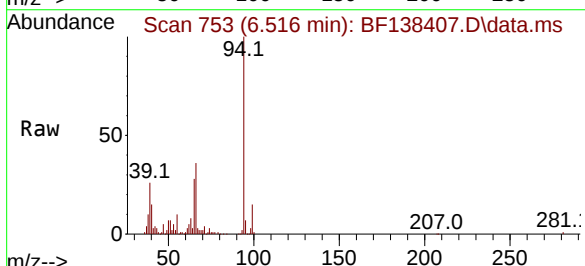
Tgt Ion: 94 Resp: 82921

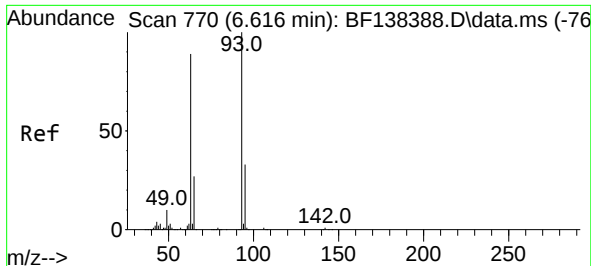
Ion Ratio Lower Upper

94 100

65 27.8 14.2 54.2

66 35.9 27.9 67.9

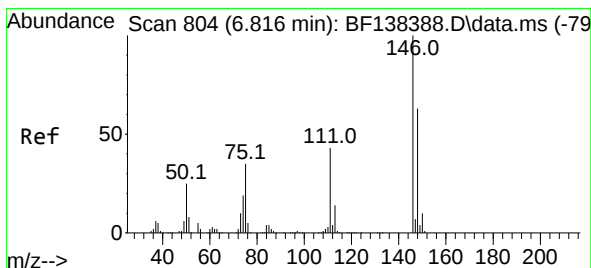
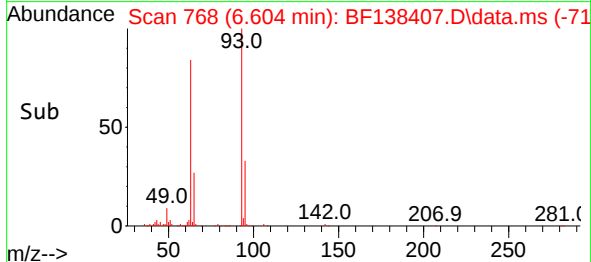
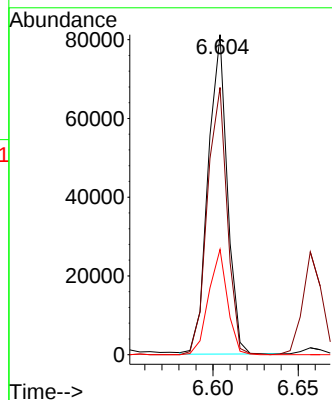
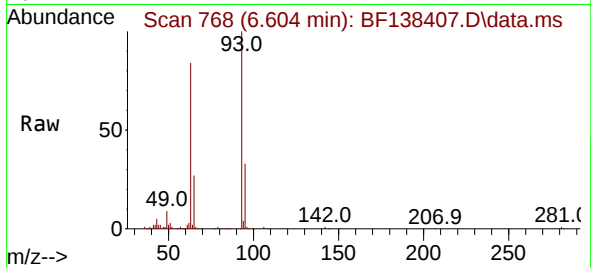




#11
bis(2-Chloroethyl)ether
Concen: 5.394 ng
RT: 6.604 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

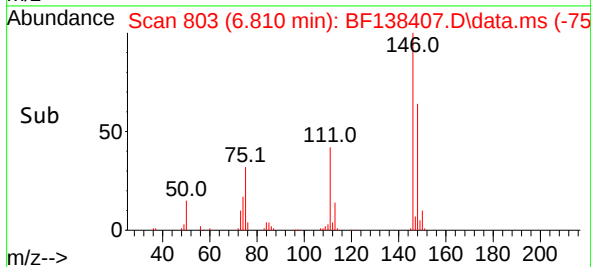
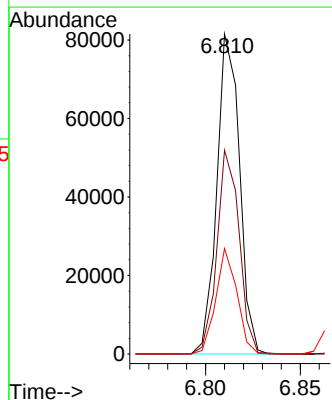
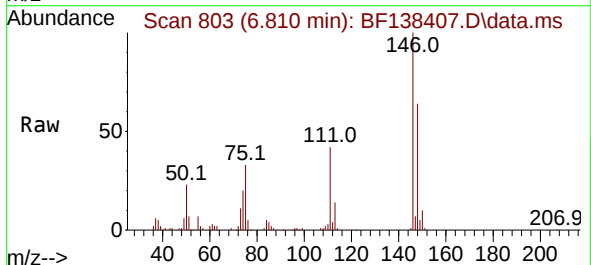
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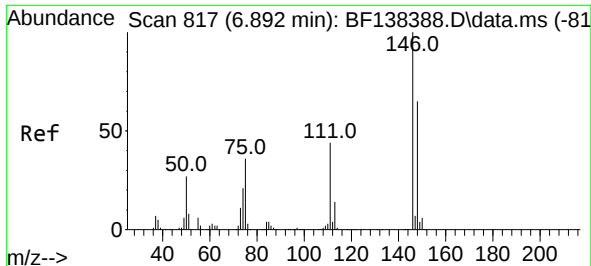
Tgt Ion: 93 Resp: 63434
Ion Ratio Lower Upper
93 100
63 83.5 68.2 108.2
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 5.291 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:146 Resp: 67863
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
75 33.0 27.8 41.6

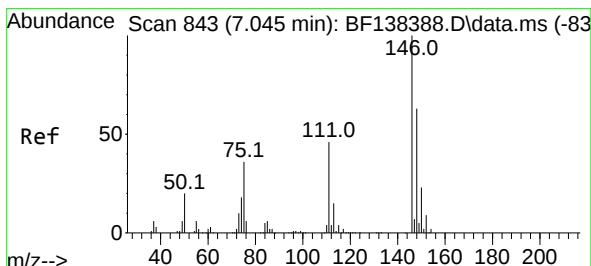
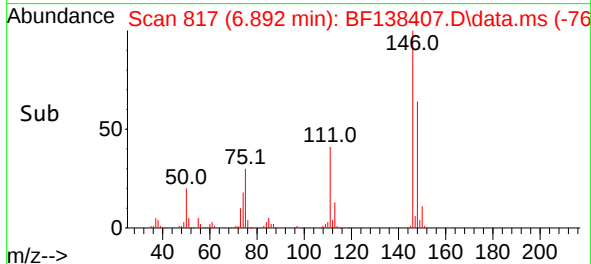
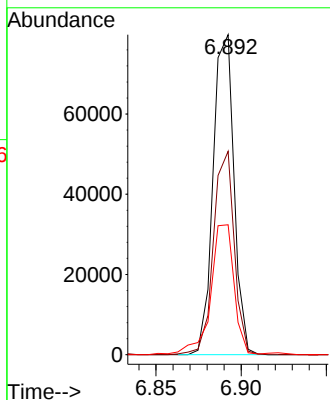
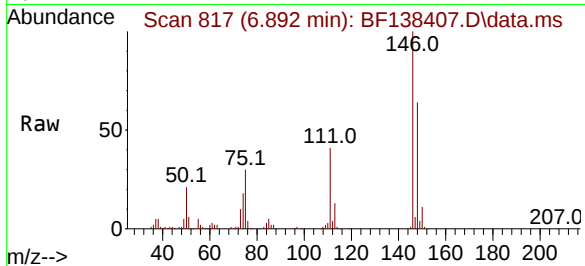




#13
1,4-Dichlorobenzene
Concen: 5.290 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

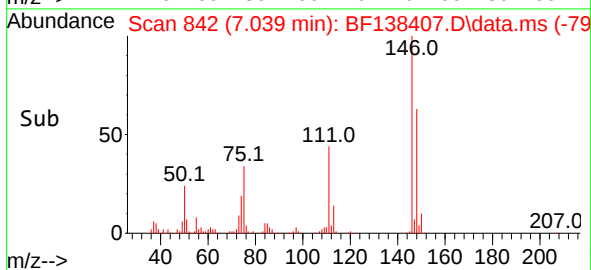
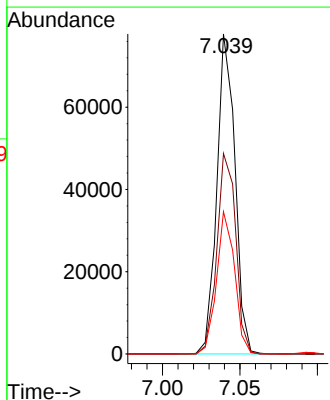
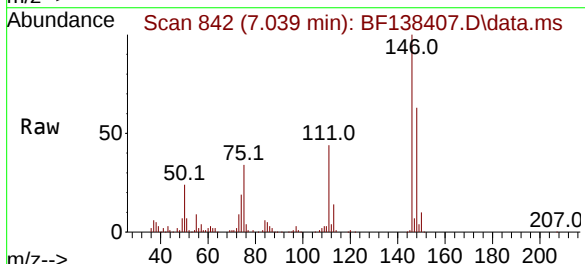
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

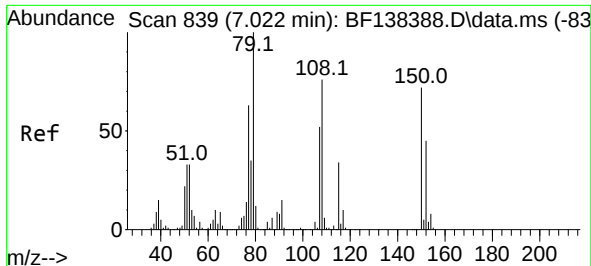
Tgt Ion:146 Resp: 68032
Ion Ratio Lower Upper
146 100
148 63.5 52.0 78.0
111 40.6 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 5.328 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:146 Resp: 63259
Ion Ratio Lower Upper
146 100
148 62.7 50.3 75.5
111 44.5 37.1 55.7

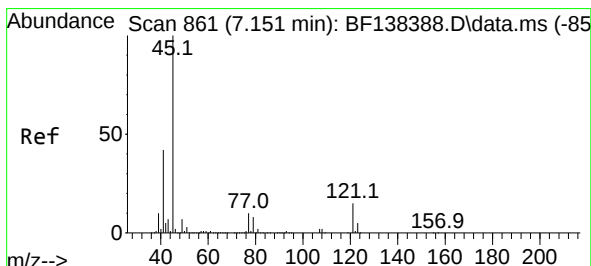
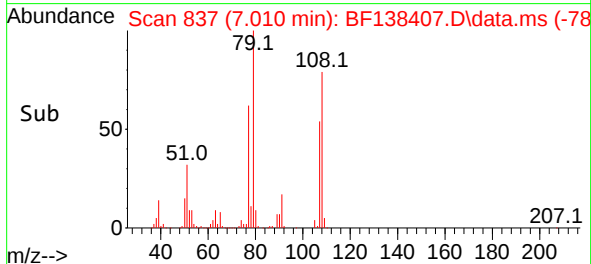
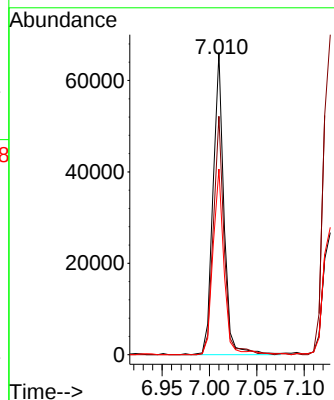
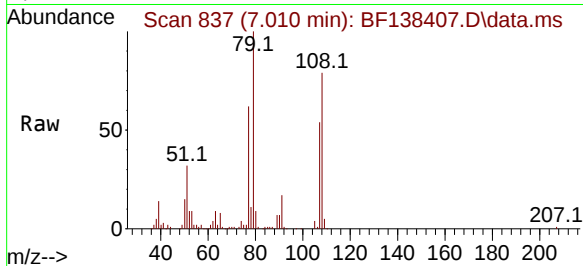




#15
Benzyl Alcohol
Concen: 5.259 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

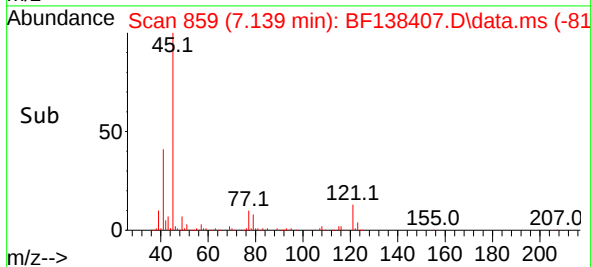
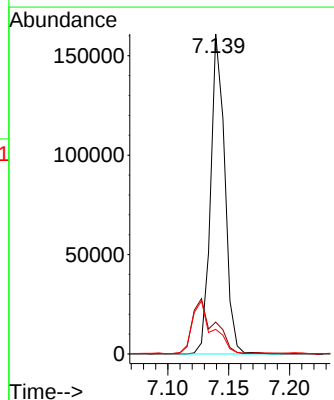
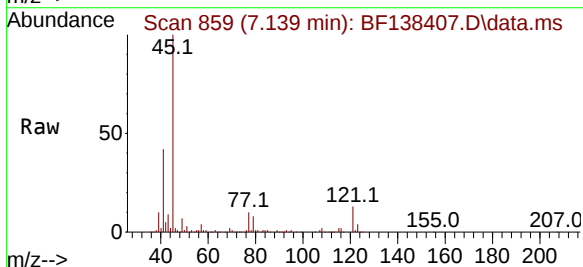
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

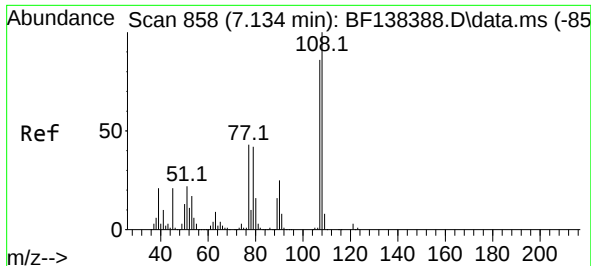
Tgt Ion: 79 Resp: 52940
Ion Ratio Lower Upper
79 100
108 79.0 60.9 91.3
77 61.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.498 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

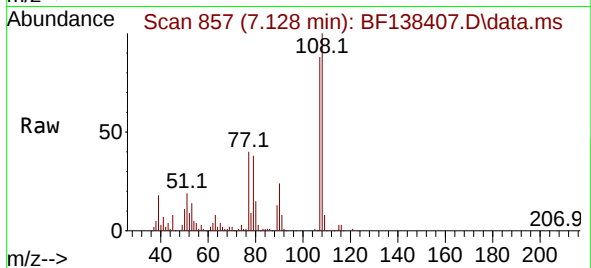
Tgt Ion: 45 Resp: 130421
Ion Ratio Lower Upper
45 100
77 10.0 0.0 30.4
79 7.7 0.0 28.1



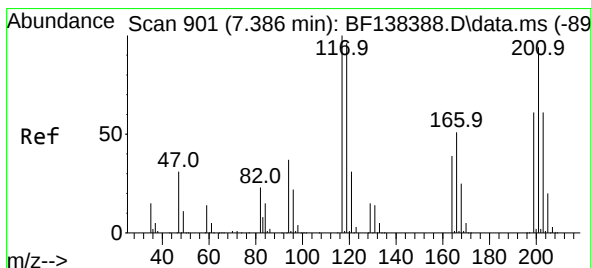
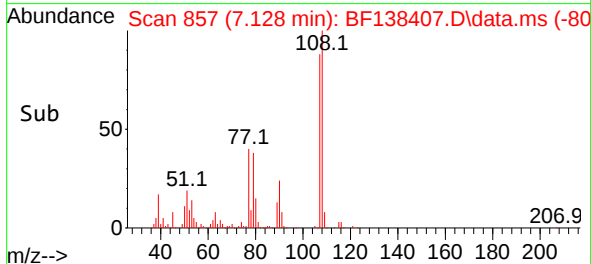
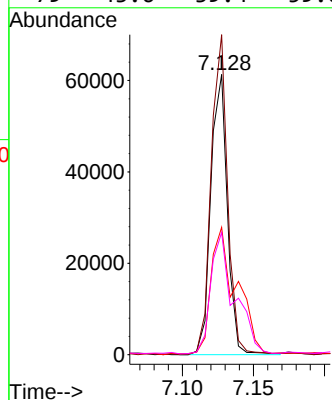


#17
2-Methylphenol
Concen: 5.346 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

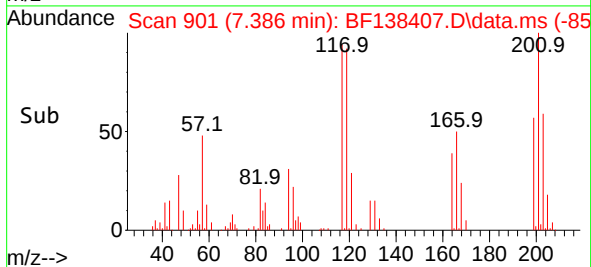
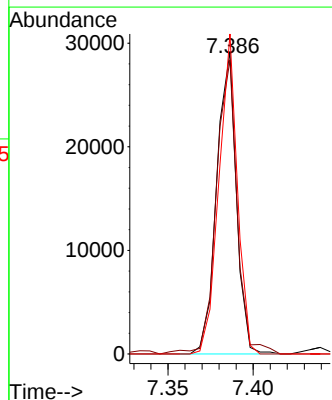
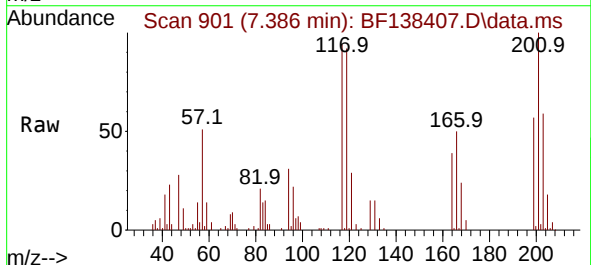


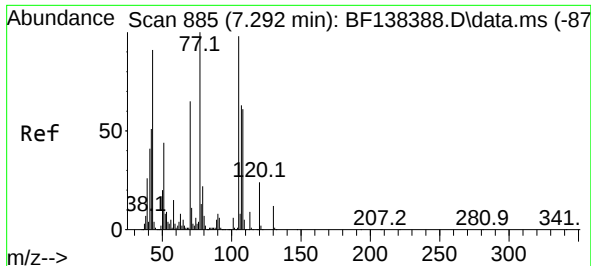
Tgt Ion:	107	Resp:	49619
Ion	Ratio	Lower	Upper
107	100		
108	114.2	92.6	138.8
77	45.5	40.3	60.5
79	43.6	39.4	59.0



#18
Hexachloroethane
Concen: 5.054 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:	117	Resp:	23442
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.1	115.7
201	105.9	75.6	113.4

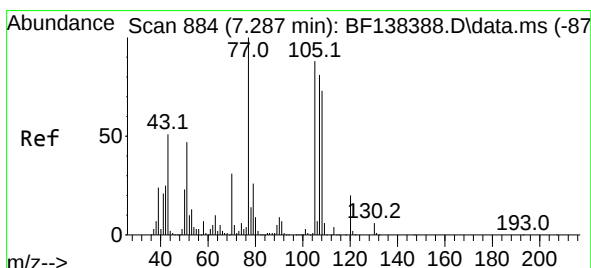
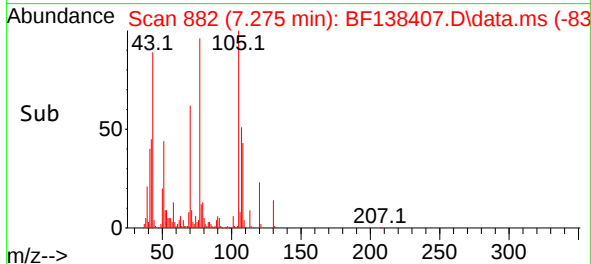
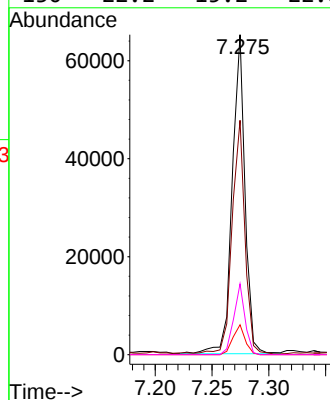
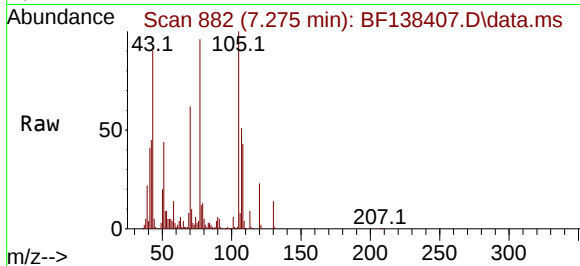




#19
n-Nitroso-di-n-propylamine
Concen: 5.735 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

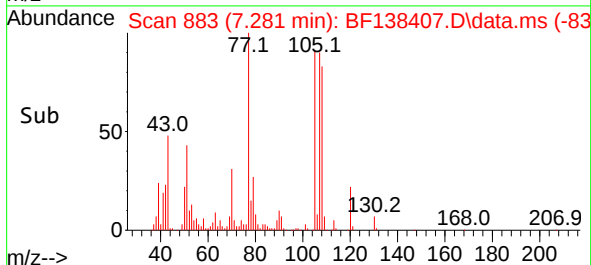
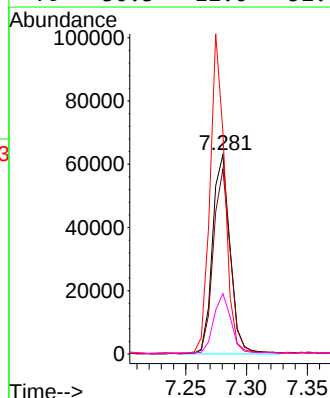
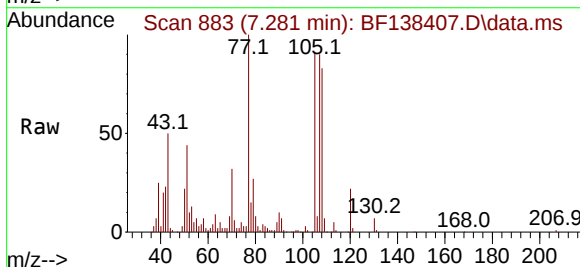
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

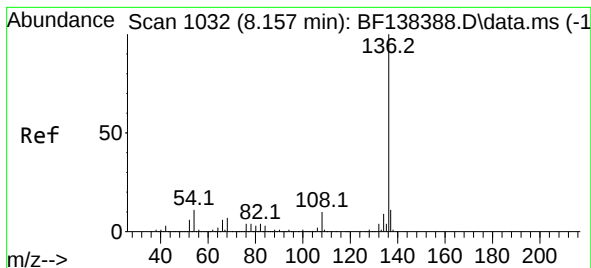
Tgt Ion: 70	Resp: 50810
Ion Ratio	Lower Upper
70	100
42	73.3 62.5 93.7
101	9.3 7.0 10.4
130	22.2 15.2 22.8



#20
3+4-Methylphenols
Concen: 5.878 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion: 107	Resp: 63393
Ion Ratio	Lower Upper
107	100
108	92.9 70.8 110.8
77	111.3 104.0 144.0
79	30.3 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

Tgt Ion:136 Resp: 643571

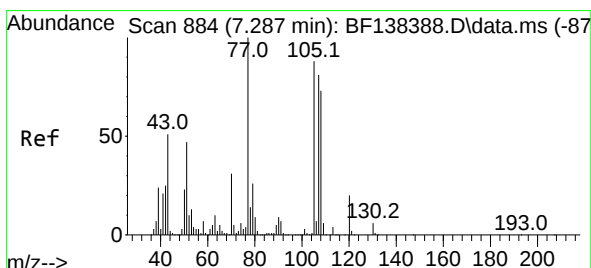
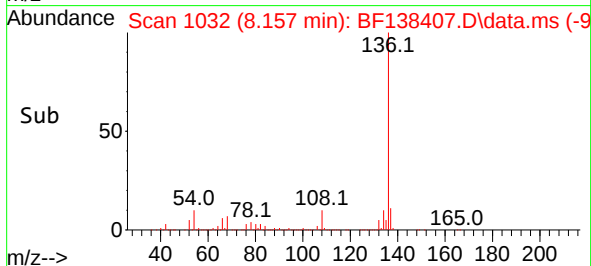
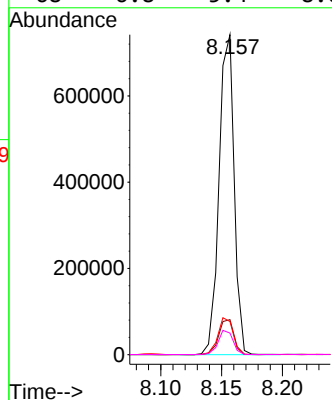
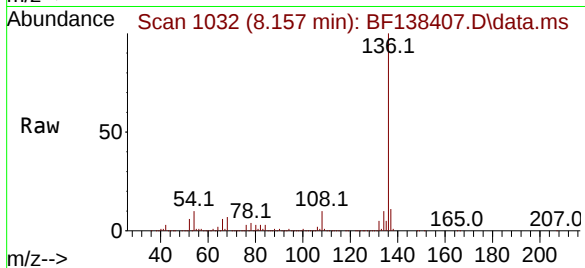
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.4 9.0 13.4

68 6.8 5.4 8.0



#22

Acetophenone

Concen: 5.453 ng

RT: 7.275 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Tgt Ion:105 Resp: 79615

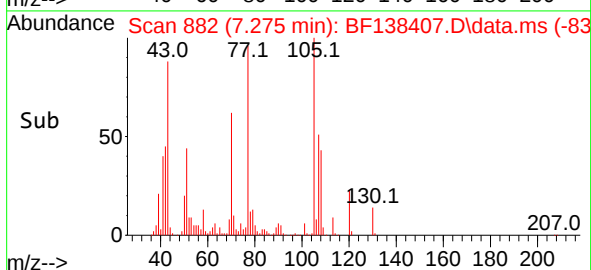
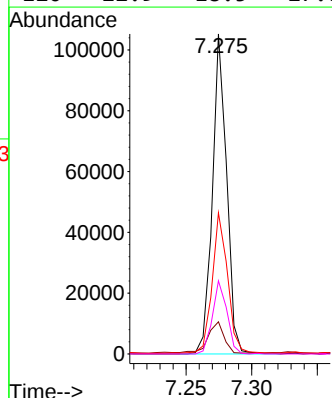
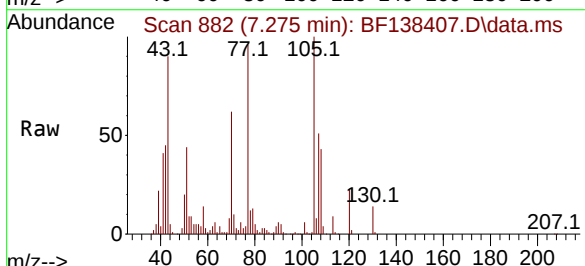
Ion Ratio Lower Upper

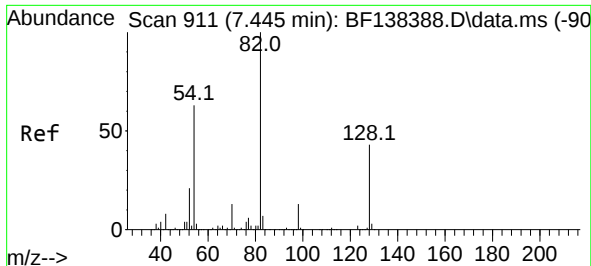
105 100

71 10.0 4.7 7.1#

51 44.1 43.2 64.8

120 22.9 18.5 27.7





#23

Nitrobenzene-d5

Concen: 7.510 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.018 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

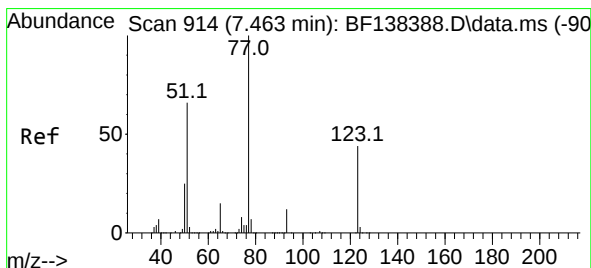
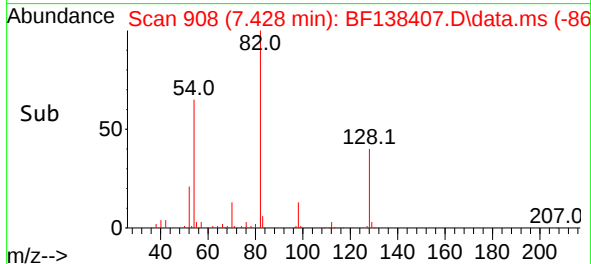
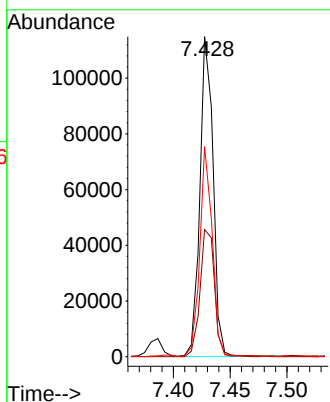
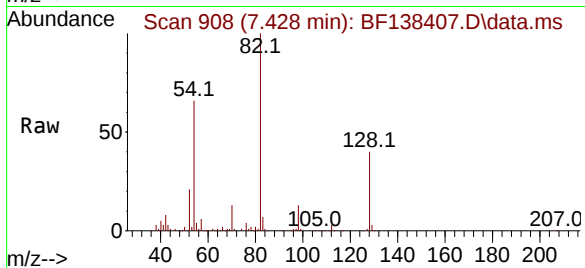
Tgt Ion: 82 Resp: 93035

Ion Ratio Lower Upper

82 100

128 39.7 34.6 52.0

54 65.6 50.5 75.7



#24

Nitrobenzene

Concen: 5.187 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

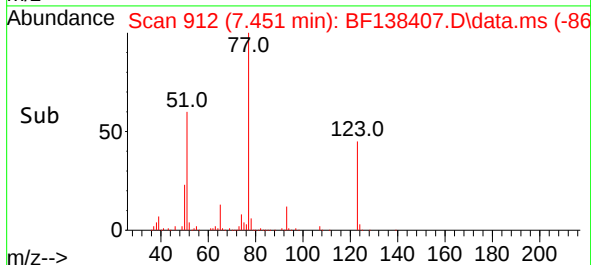
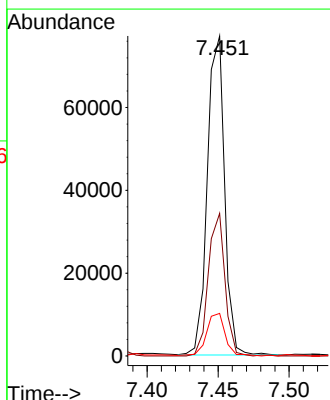
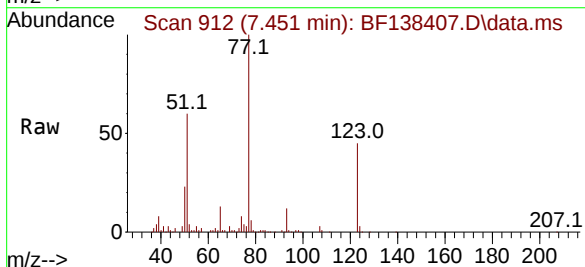
Tgt Ion: 77 Resp: 65359

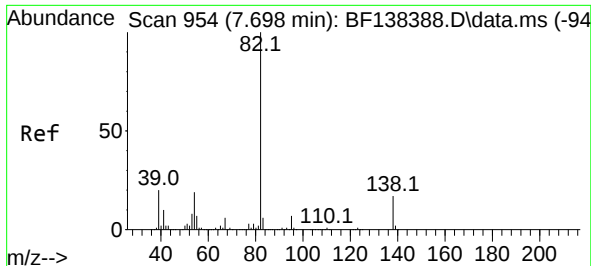
Ion Ratio Lower Upper

77 100

123 44.6 35.0 52.6

65 13.3 12.1 18.1

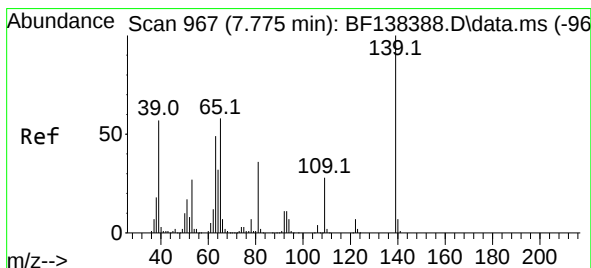
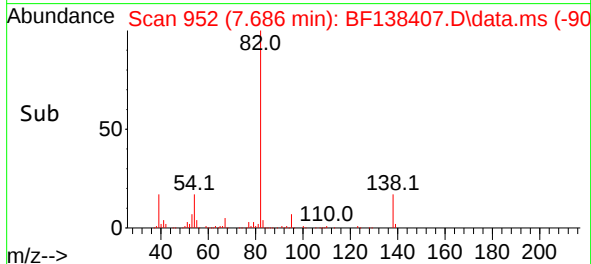
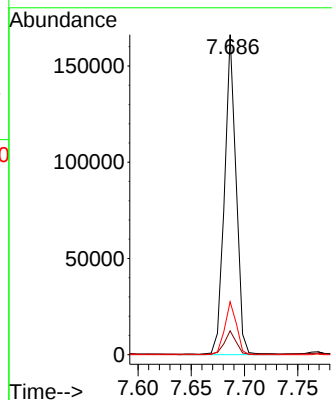
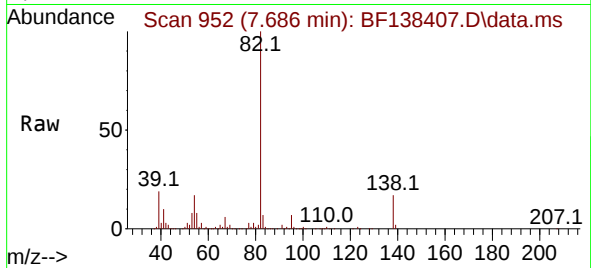




#25
Isophorone
Concen: 5.503 ng
RT: 7.686 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

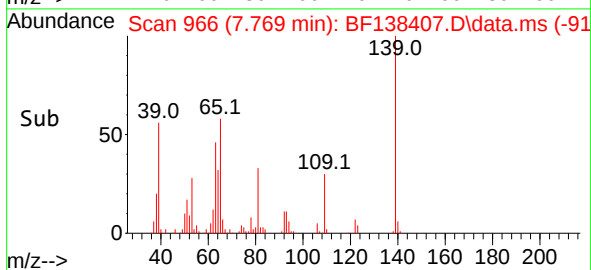
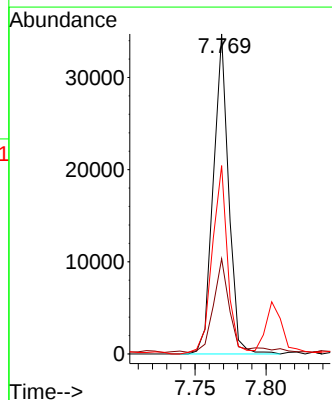
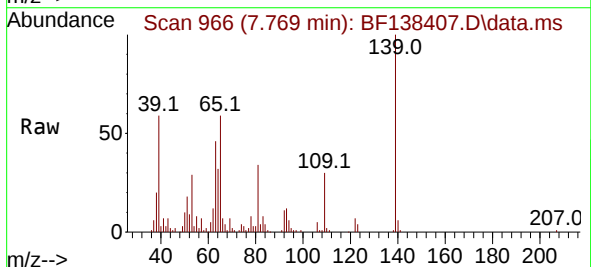
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

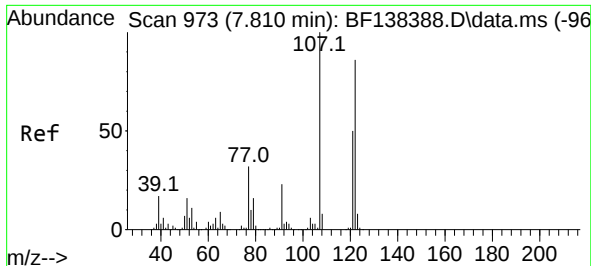
Tgt Ion: 82 Resp: 125711
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 16.6 13.4 20.2



#26
2-Nitrophenol
Concen: 4.788 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:139 Resp: 26024
Ion Ratio Lower Upper
139 100
109 29.7 22.5 33.7
65 58.8 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 5.831 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

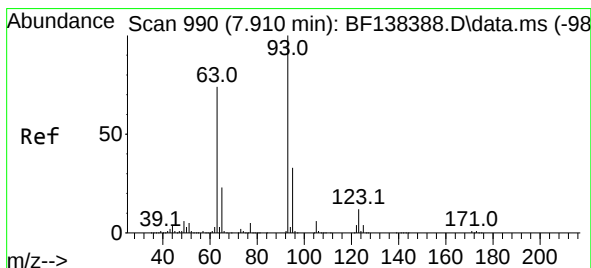
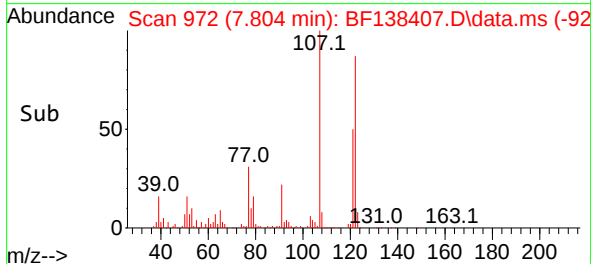
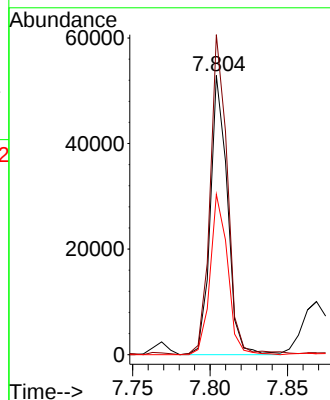
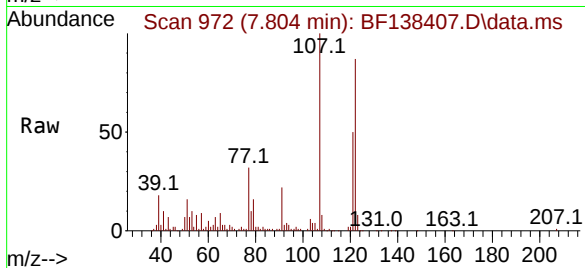
Tgt Ion:122 Resp: 40560

Ion Ratio Lower Upper

122 100

107 114.6 92.5 138.7

121 57.4 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 5.595 ng

RT: 7.898 min Scan# 988

Delta R.T. -0.012 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

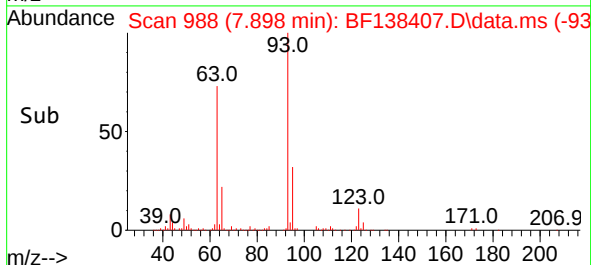
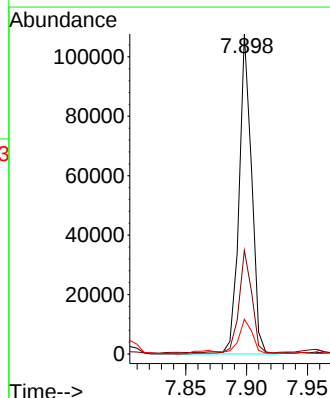
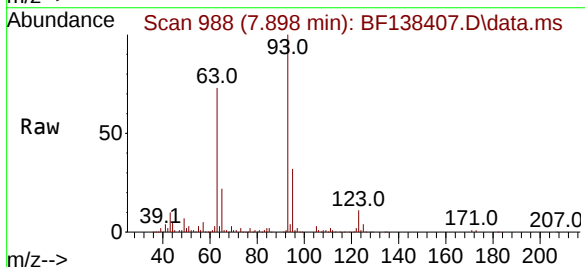
Tgt Ion: 93 Resp: 76937

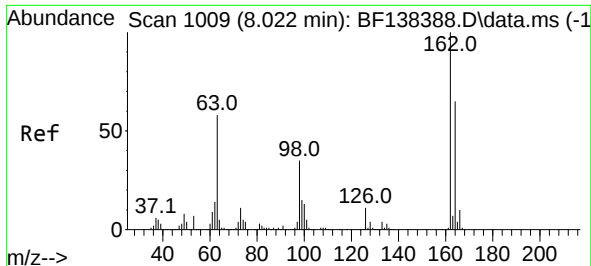
Ion Ratio Lower Upper

93 100

95 32.4 26.6 40.0

123 10.8 9.6 14.4

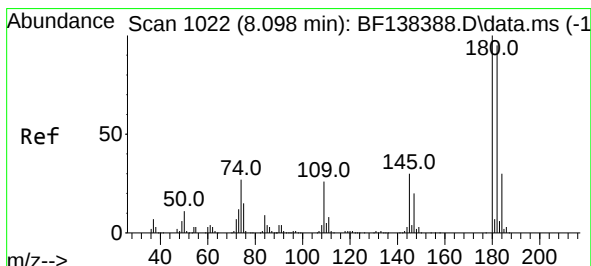
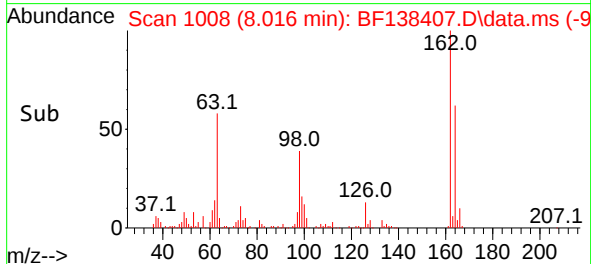
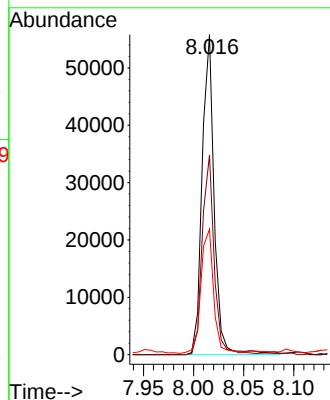
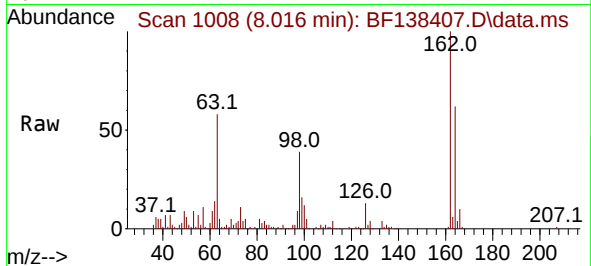




#29
2,4-Dichlorophenol
Concen: 5.280 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

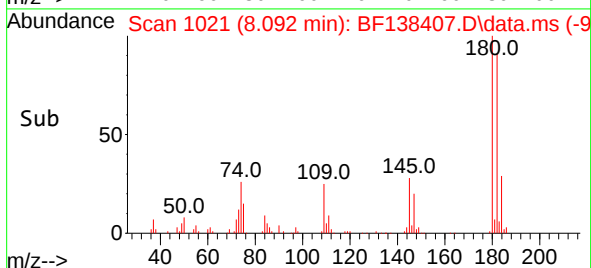
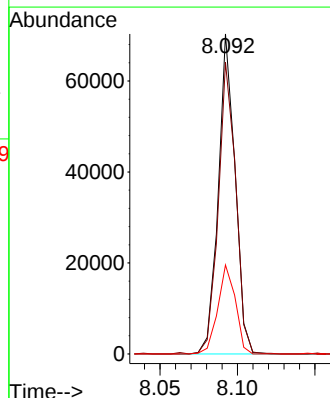
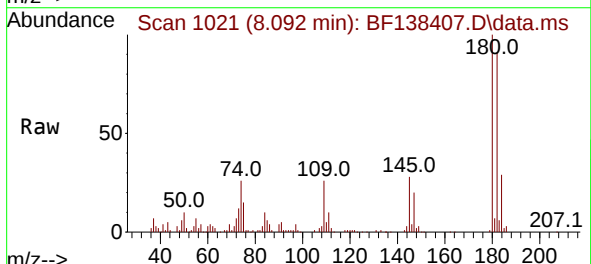
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

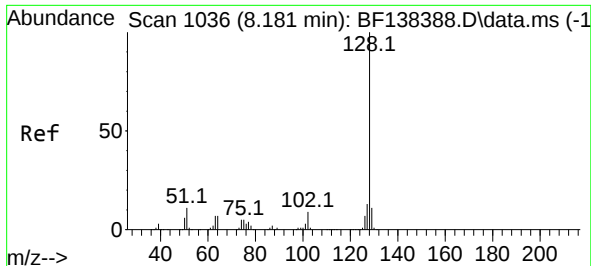
Tgt Ion:162 Resp: 47175
Ion Ratio Lower Upper
162 100
164 62.4 45.4 85.4
98 39.2 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 5.102 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:180 Resp: 53002
Ion Ratio Lower Upper
180 100
182 91.2 76.0 114.0
145 27.8 24.2 36.2

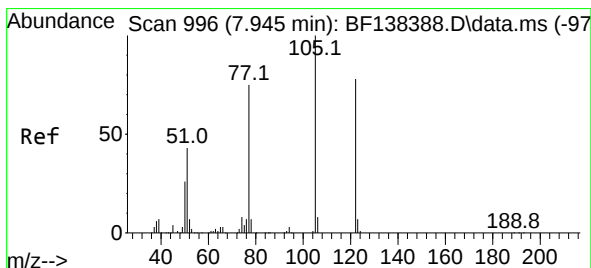
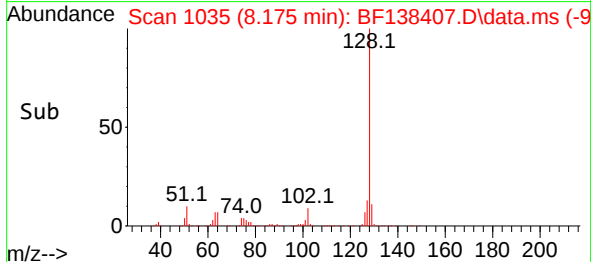
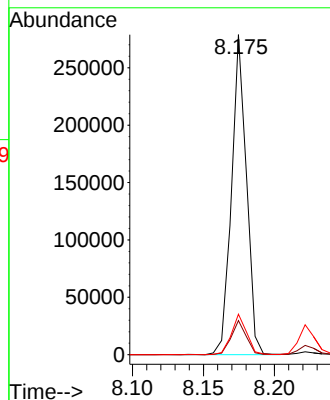
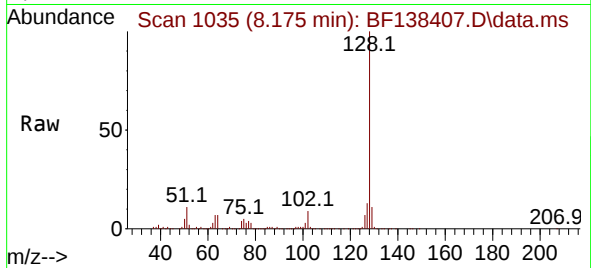




#31
Naphthalene
Concen: 6.241 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

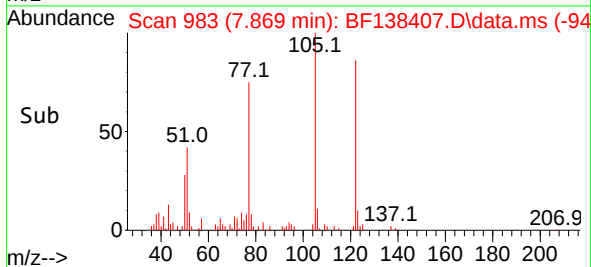
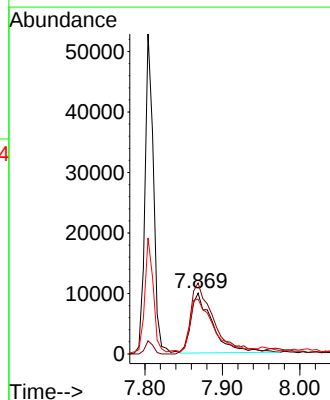
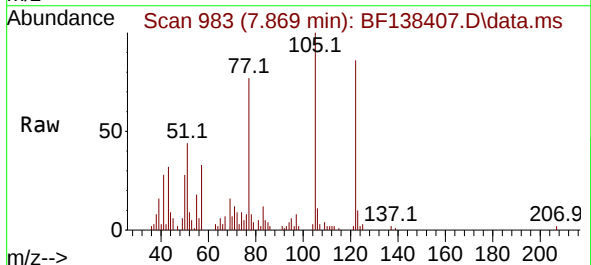
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

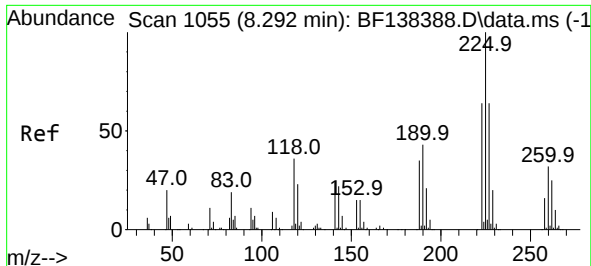
Tgt Ion:128 Resp: 203033
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 12.7 10.6 16.0



#32
Benzoic acid
Concen: 6.884 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.076 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:122 Resp: 19362
Ion Ratio Lower Upper
122 100
105 116.8 103.8 143.8
77 90.1 74.3 114.3

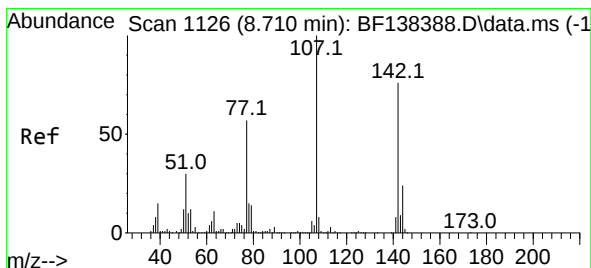
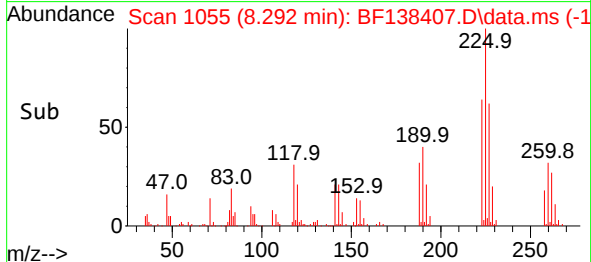
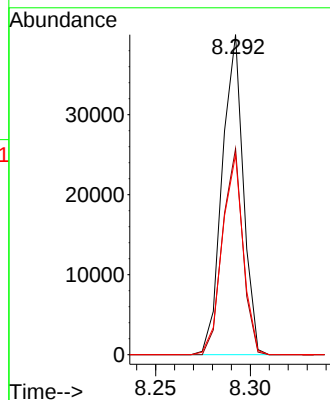
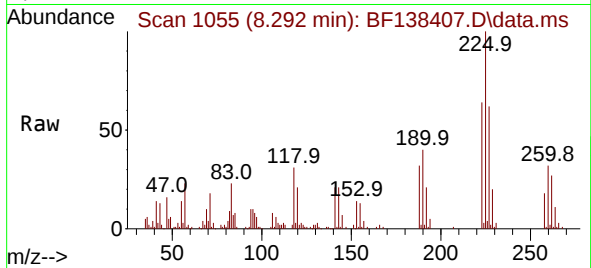




#34
Hexachlorobutadiene
Concen: 4.960 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

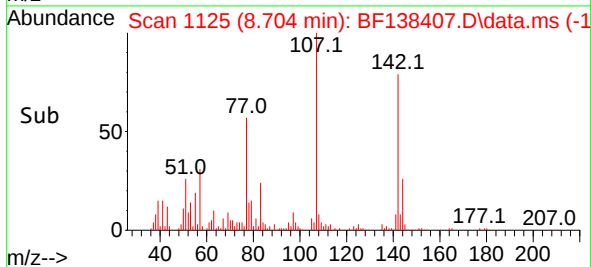
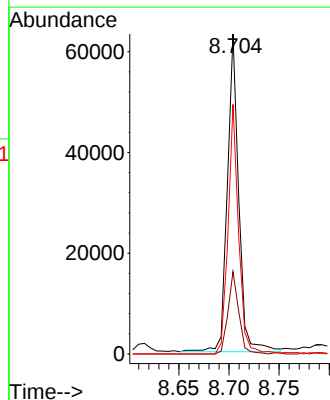
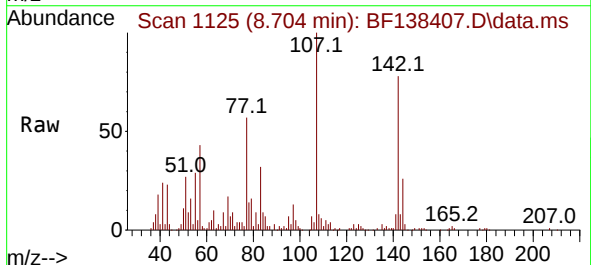
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

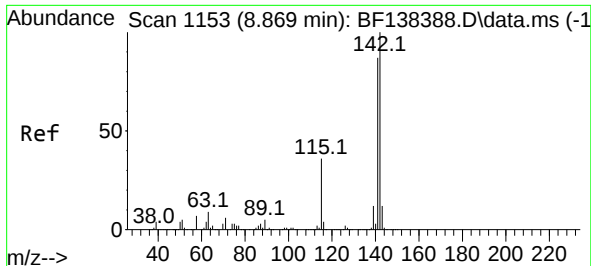
Tgt Ion:225 Resp: 30933
Ion Ratio Lower Upper
225 100
223 64.4 51.0 76.6
227 62.5 51.2 76.8



#36
4-Chloro-3-methylphenol
Concen: 5.247 ng
RT: 8.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:107 Resp: 49928
Ion Ratio Lower Upper
107 100
144 25.7 19.2 28.8
142 78.0 61.0 91.6





#37

2-Methylnaphthalene

Concen: 5.978 ng

RT: 8.863 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

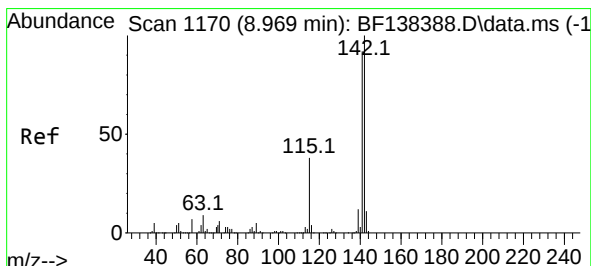
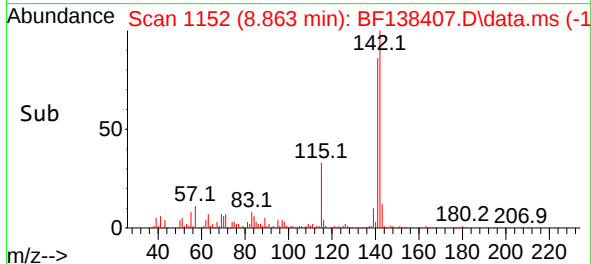
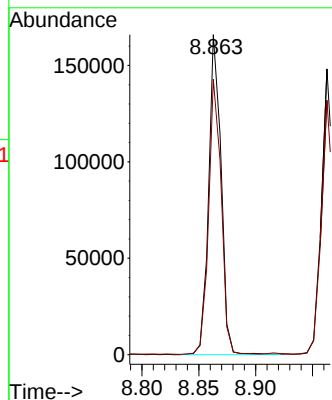
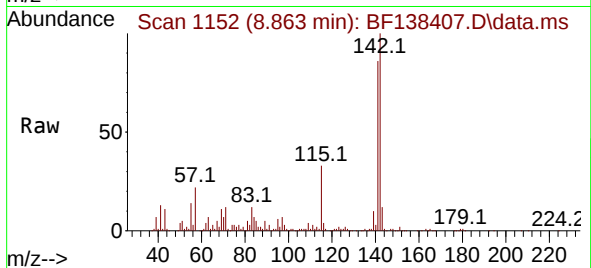
VNJ-325MS

Tgt Ion:142 Resp: 125705

Ion Ratio Lower Upper

142 100

141 86.1 69.6 104.4



#38

1-Methylnaphthalene

Concen: 5.550 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF138407.D

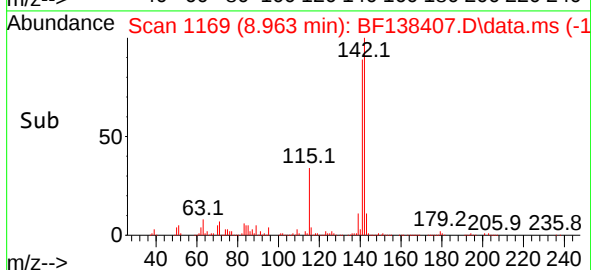
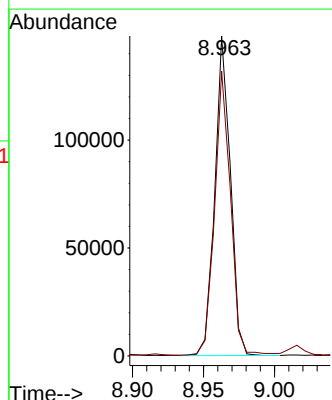
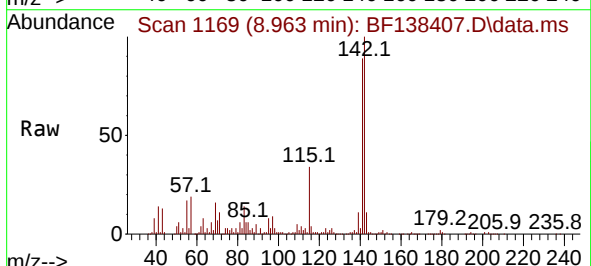
Acq: 01 Jul 2024 17:05

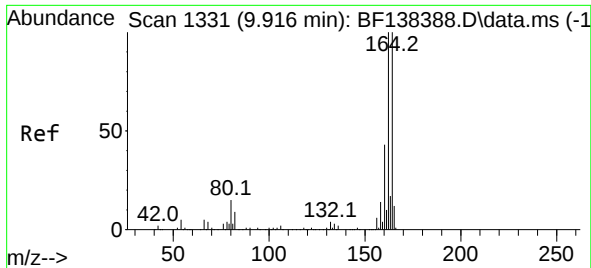
Tgt Ion:142 Resp: 113168

Ion Ratio Lower Upper

142 100

141 89.0 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

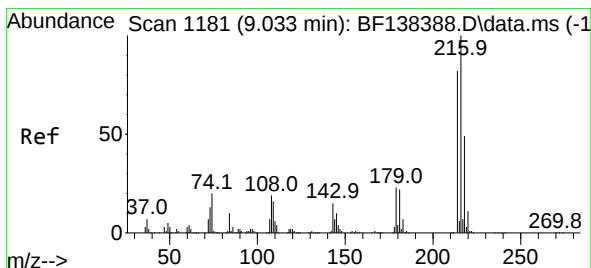
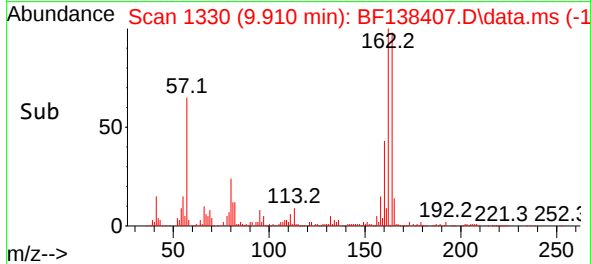
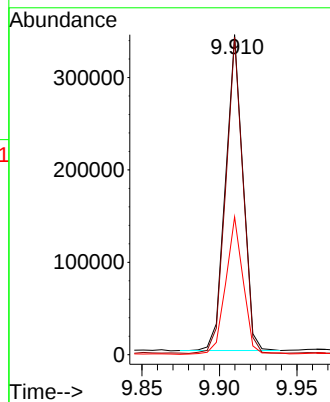
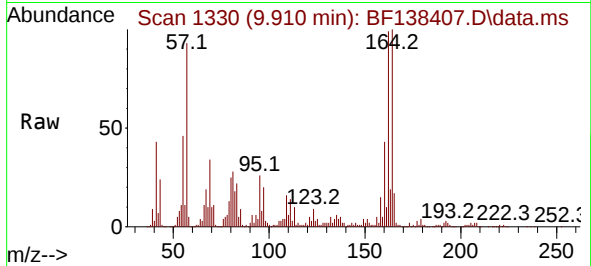
Tgt Ion:164 Resp: 266742

Ion Ratio Lower Upper

164 100

162 99.2 80.1 120.1

160 43.0 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.937 ng

RT: 9.027 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Tgt Ion:216 Resp: 43803

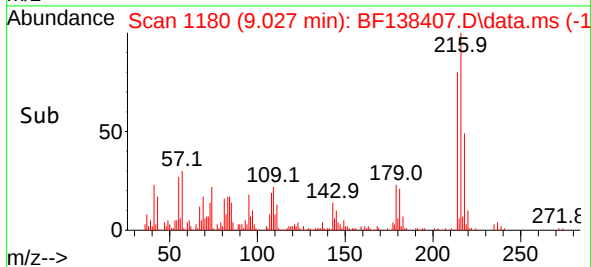
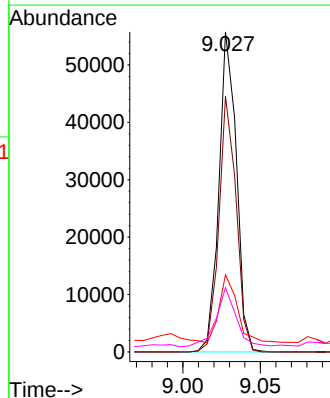
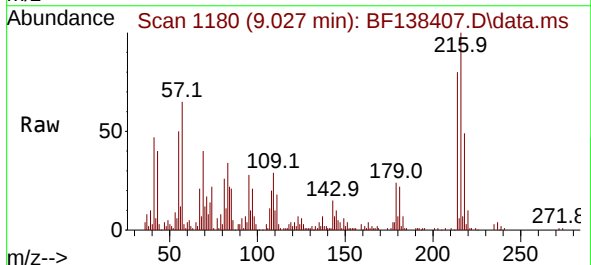
Ion Ratio Lower Upper

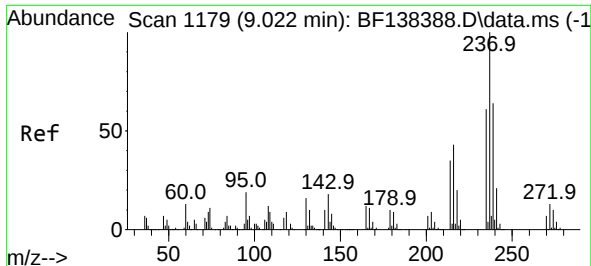
216 100

214 78.6 64.2 96.4

179 21.4 17.4 26.0

108 21.8 15.3 22.9

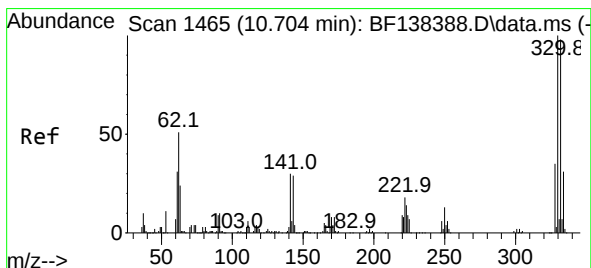
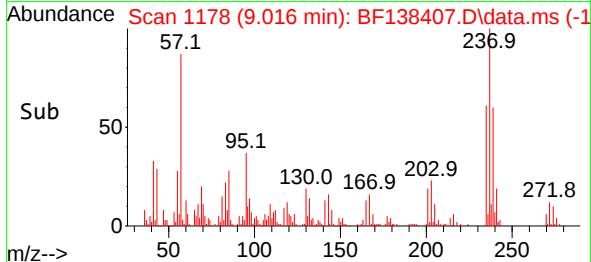
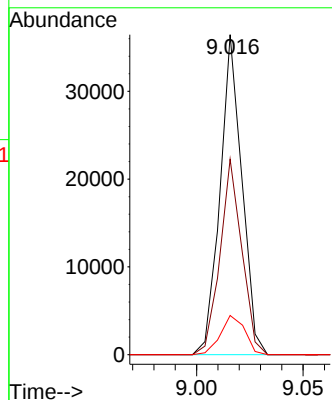
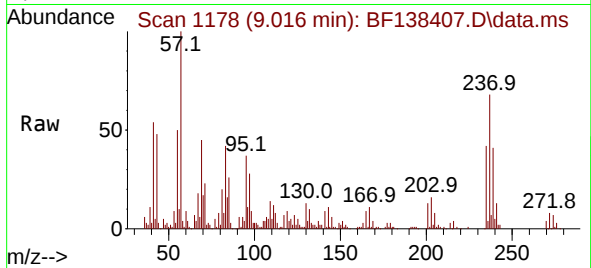




#41
Hexachlorocyclopentadiene
Concen: 11.956 ng
RT: 9.016 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

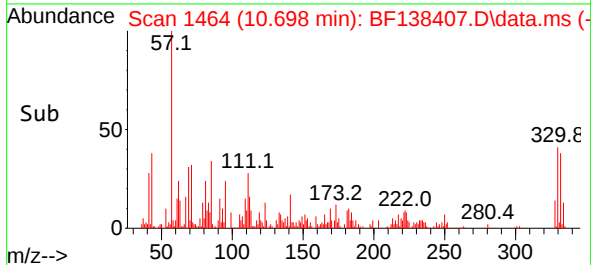
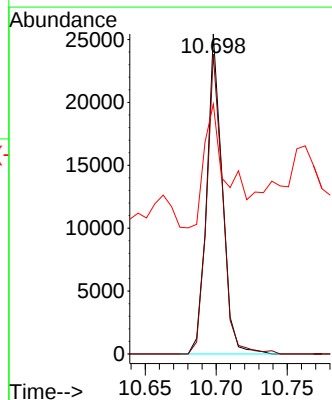
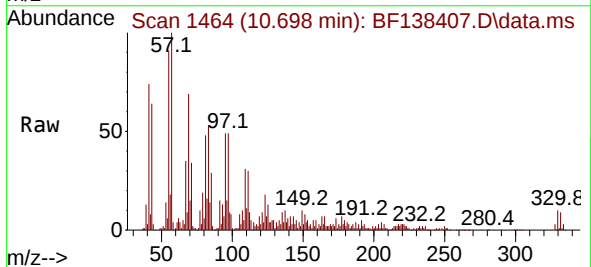
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

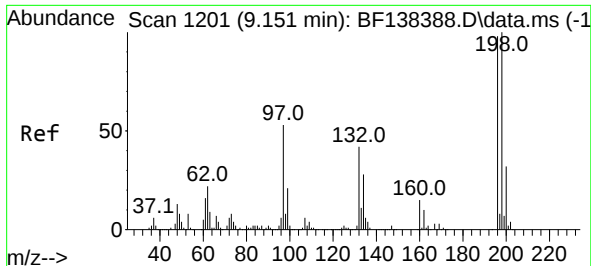
Tgt Ion:	237	Resp:	25966
Ion	Ratio	Lower	Upper
237	100		
235	61.1	41.4	81.4
272	12.3	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 8.904 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:	330	Resp:	19404
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	66.4	28.1	42.1

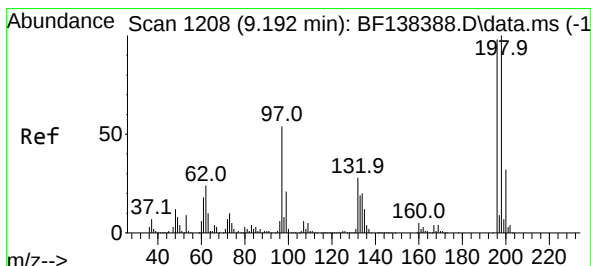
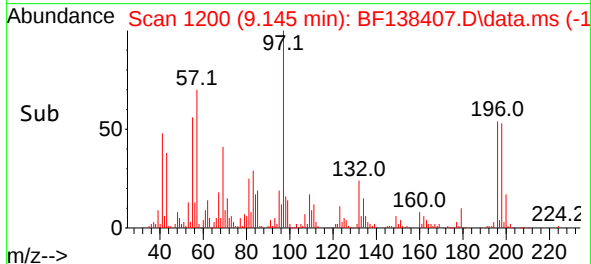
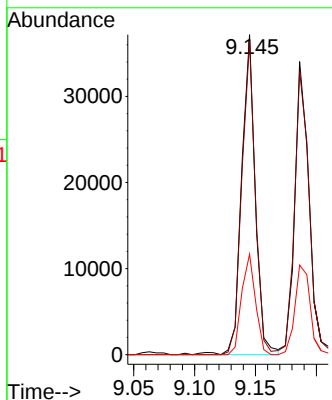
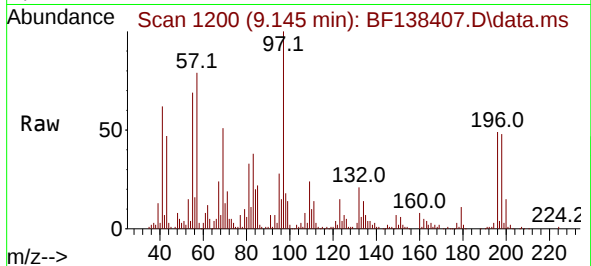




#43
2,4,6-Trichlorophenol
Concen: 6.162 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

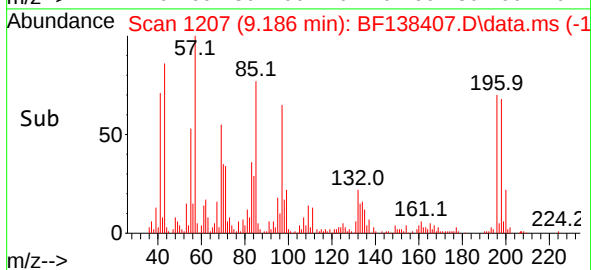
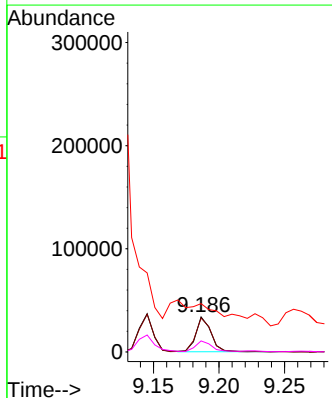
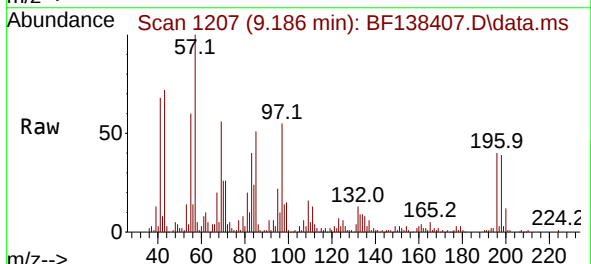
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

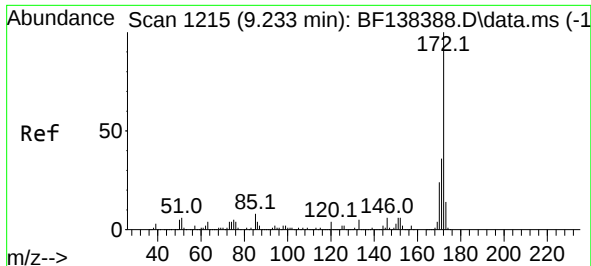
Tgt Ion:196 Resp: 28929
Ion Ratio Lower Upper
196 100
198 98.0 81.8 122.8
200 31.4 26.2 39.4



#44
2,4,5-Trichlorophenol
Concen: 5.371 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:196 Resp: 27422
Ion Ratio Lower Upper
196 100
198 96.8 81.8 122.6
97 137.6 44.2 66.4#
132 31.4 23.4 35.0

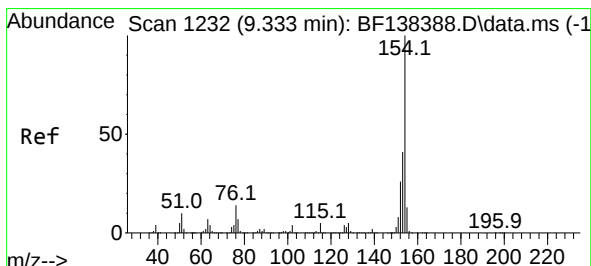
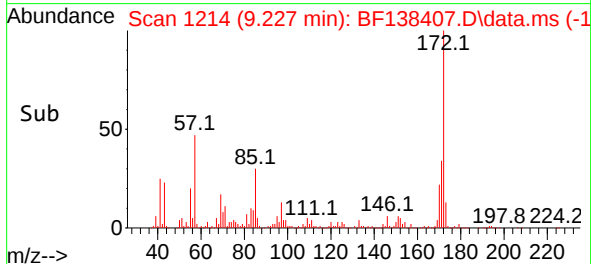
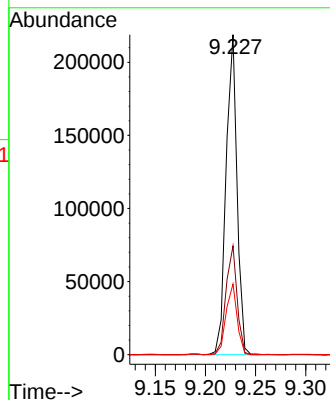
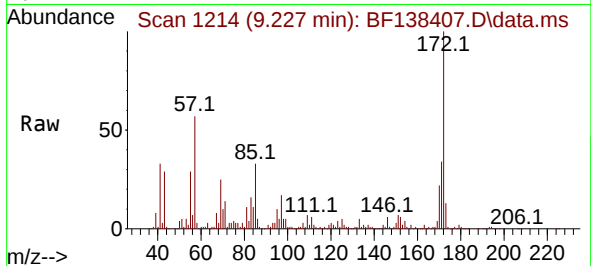




#45
2-Fluorobiphenyl
Concen: 9.888 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

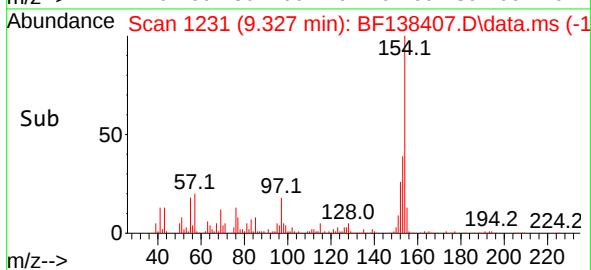
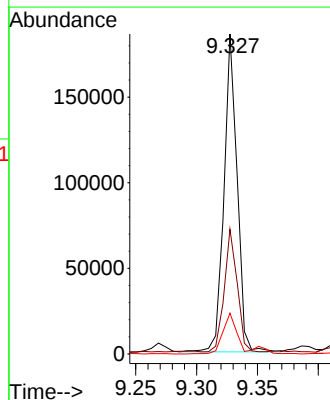
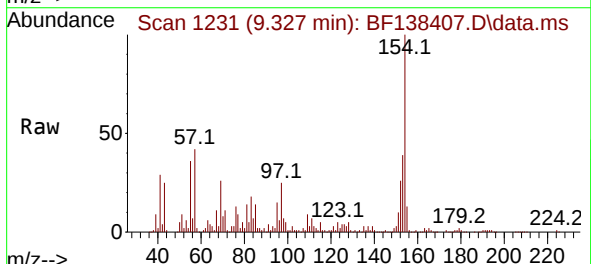
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

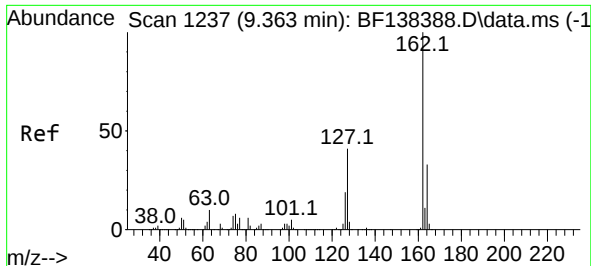
Tgt Ion:172 Resp: 165732
Ion Ratio Lower Upper
172 100
171 34.0 29.0 43.4
170 22.1 19.0 28.6



#46
1,1'-Biphenyl
Concen: 7.030 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:154 Resp: 140022
Ion Ratio Lower Upper
154 100
153 39.0 20.5 60.5
76 12.8 0.0 34.4





#47

2-Chloronaphthalene

Concen: 5.985 ng

RT: 9.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

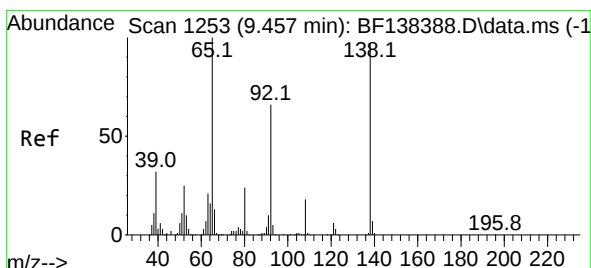
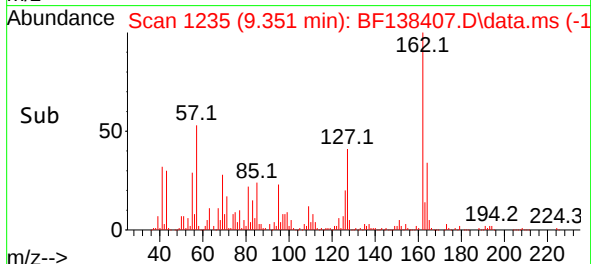
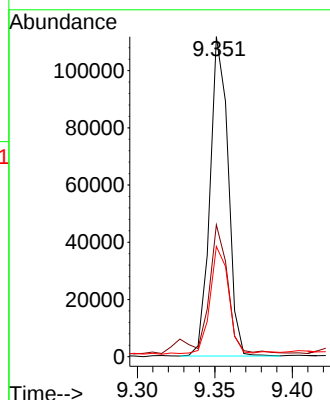
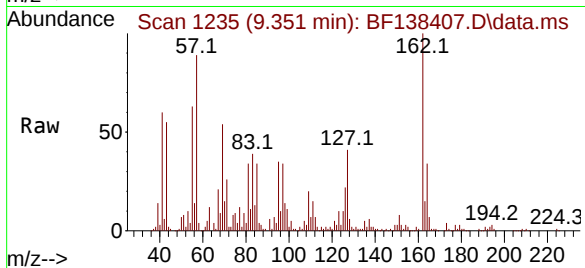
Tgt Ion:162 Resp: 90878

Ion Ratio Lower Upper

162 100

127 41.2 32.7 49.1

164 34.4 26.6 40.0



#48

2-Nitroaniline

Concen: 6.913 ng

RT: 9.445 min Scan# 1251

Delta R.T. -0.012 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

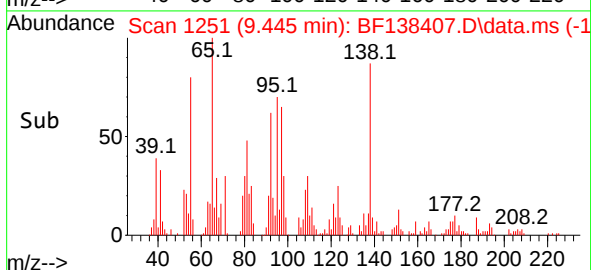
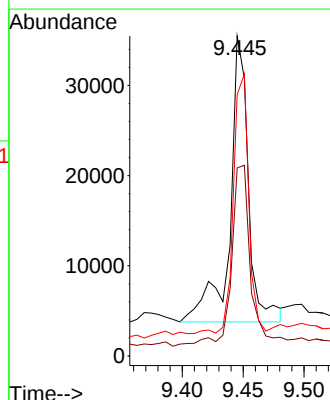
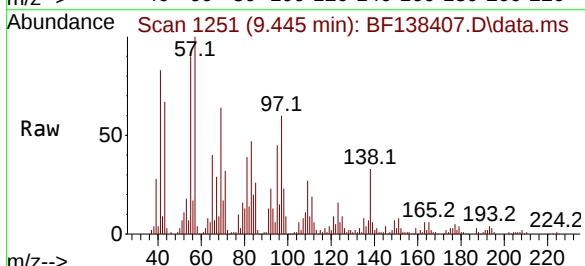
Tgt Ion: 65 Resp: 33865

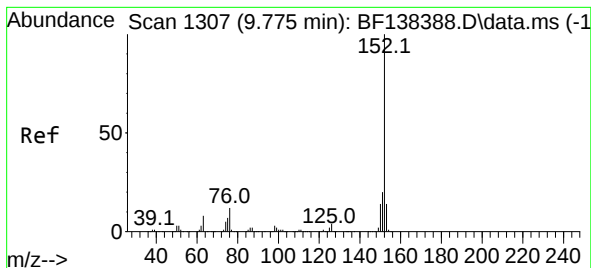
Ion Ratio Lower Upper

65 100

92 58.7 52.6 79.0

138 81.6 77.4 116.0





#49

Acenaphthylene

Concen: 7.757 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

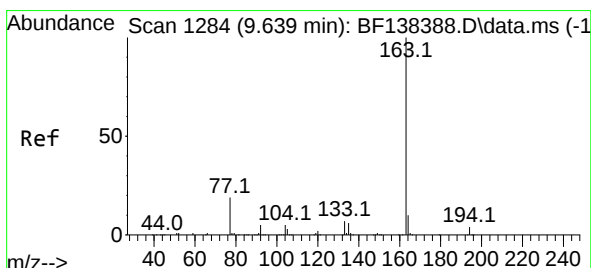
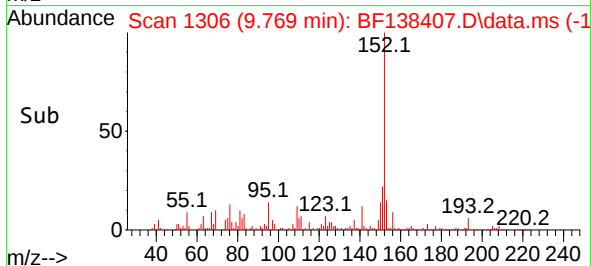
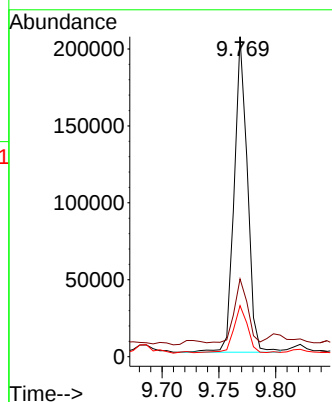
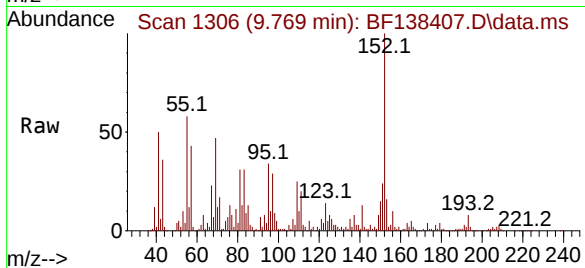
Tgt Ion:152 Resp: 165663

Ion Ratio Lower Upper

152 100

151 24.3 16.2 24.4

153 15.9 11.4 17.2



#50

Dimethylphthalate

Concen: 6.710 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.018 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

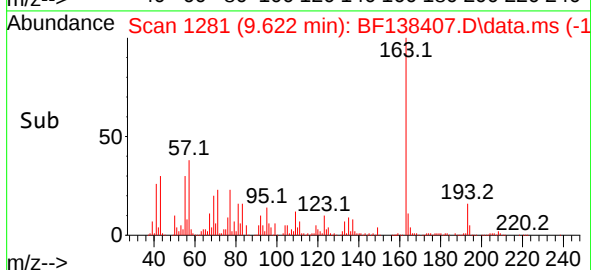
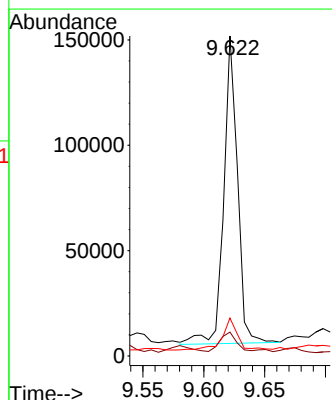
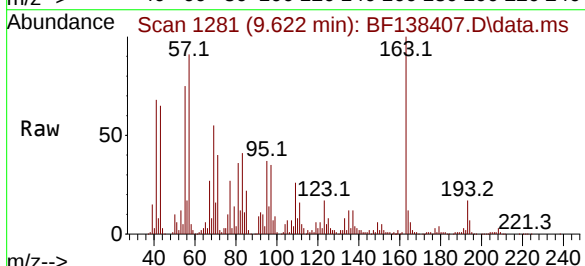
Tgt Ion:163 Resp: 115035

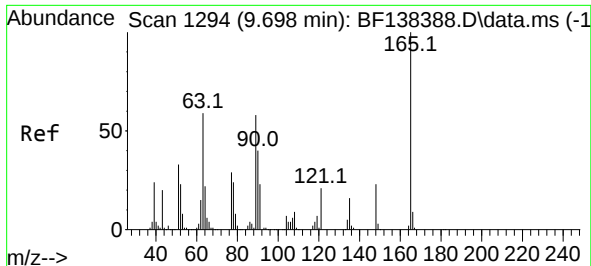
Ion Ratio Lower Upper

163 100

194 7.5 3.5 5.3#

164 11.8 8.2 12.4

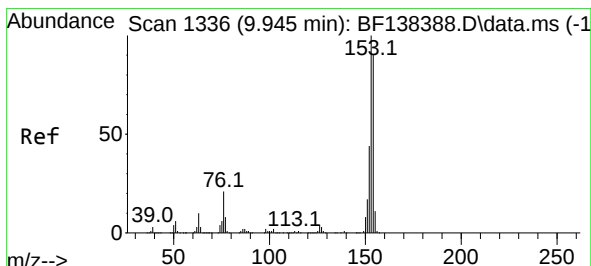
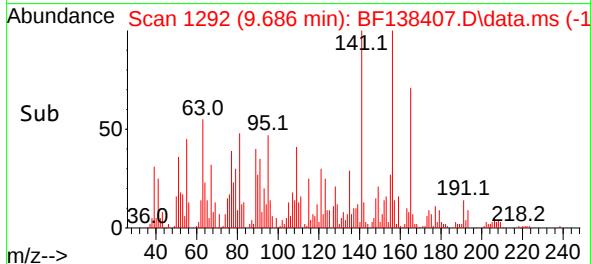
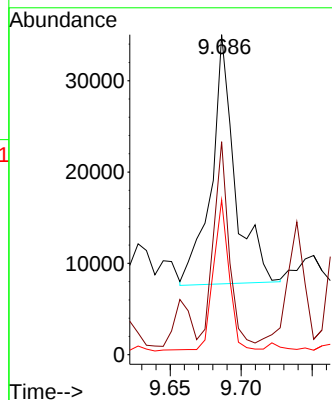
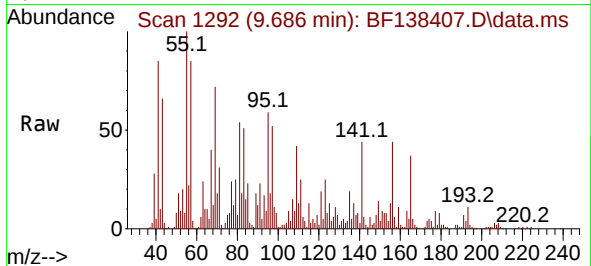




#51
2,6-Dinitrotoluene
Concen: 8.237 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

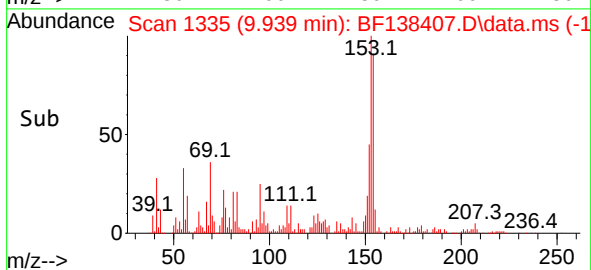
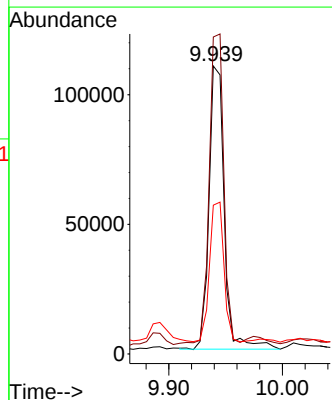
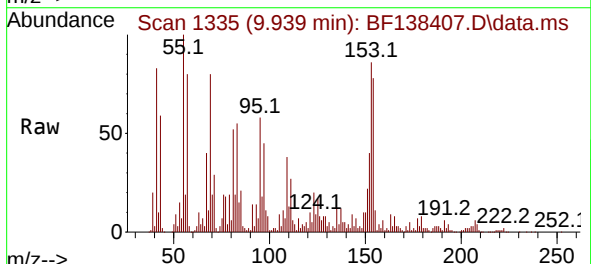
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

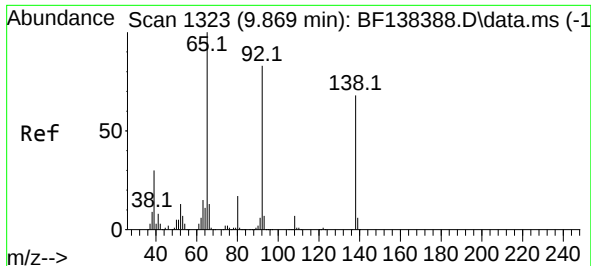
Tgt Ion:165 Resp: 31626
Ion Ratio Lower Upper
165 100
63 66.6 53.8 80.8
89 48.3 46.4 69.6



#52
Acenaphthene
Concen: 6.946 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:154 Resp: 101580
Ion Ratio Lower Upper
154 100
153 110.0 89.4 134.0
152 51.6 39.7 59.5

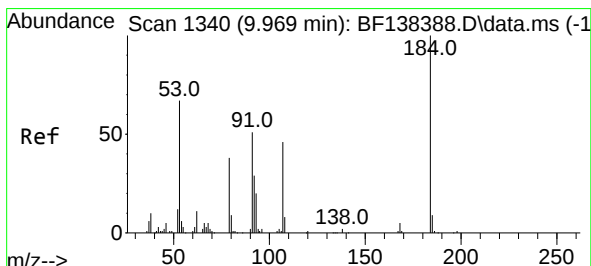
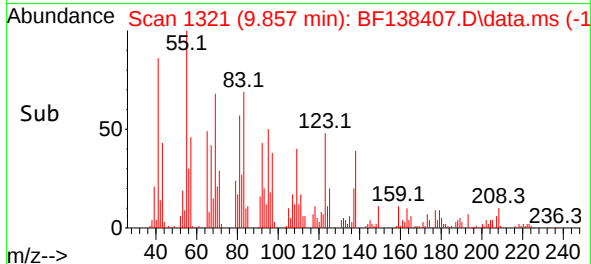
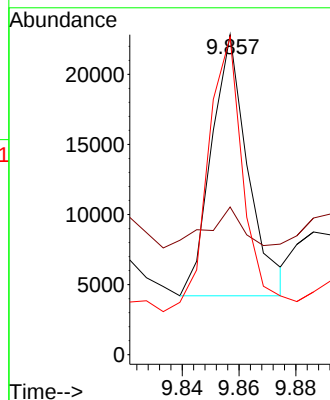
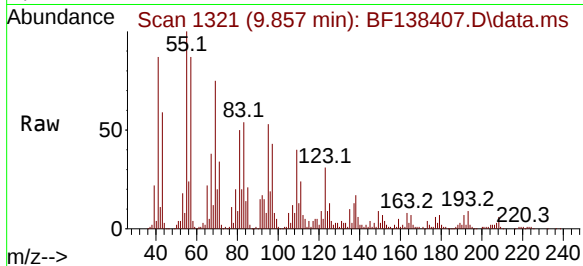




#53
3-Nitroaniline
Concen: 4.407 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

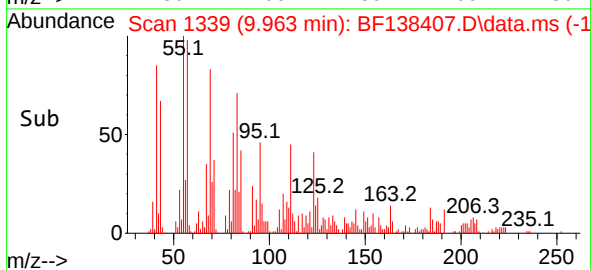
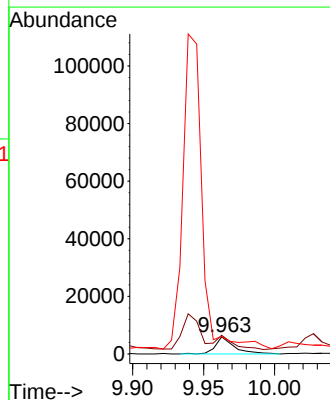
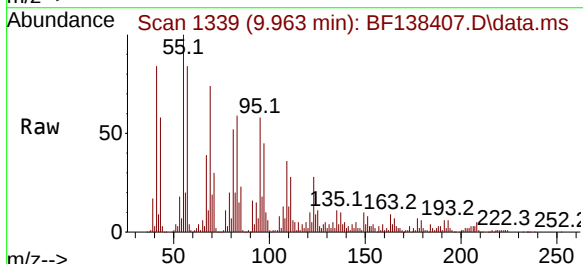
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

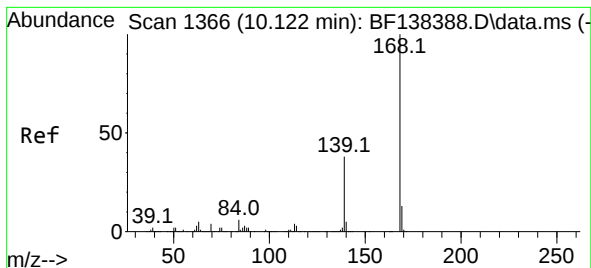
Tgt Ion:138 Resp: 16711
Ion Ratio Lower Upper
138 100
108 46.1 8.6 12.8#
92 99.4 97.3 145.9



#54
2,4-Dinitrophenol
Concen: 11.941 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:184 Resp: 5504
Ion Ratio Lower Upper
184 100
63 109.5 67.3 100.9#
154 101.8 51.0 76.4#





#55

Dibenzenofuran

Concen: 6.597 ng

RT: 10.116 min Scan# 1365

Delta R.T. -0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

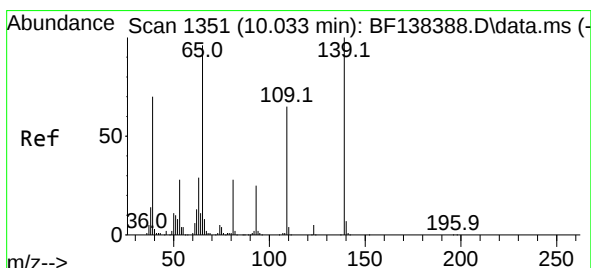
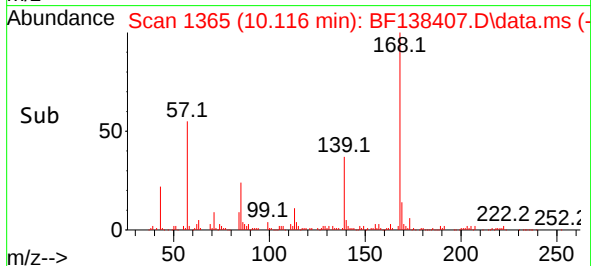
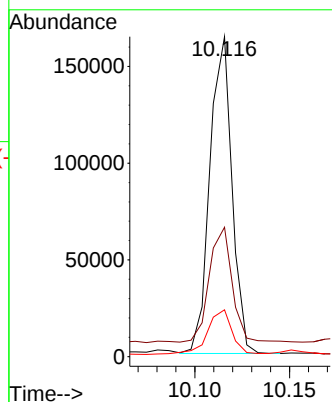
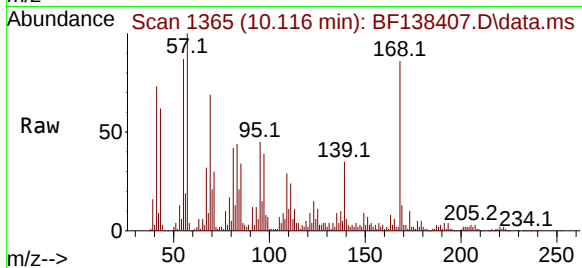
Tgt Ion:168 Resp: 132924

Ion Ratio Lower Upper

168 100

139 40.5 30.4 45.6

169 14.7 10.7 16.1



#56

4-Nitrophenol

Concen: 7.858 ng

RT: 10.027 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

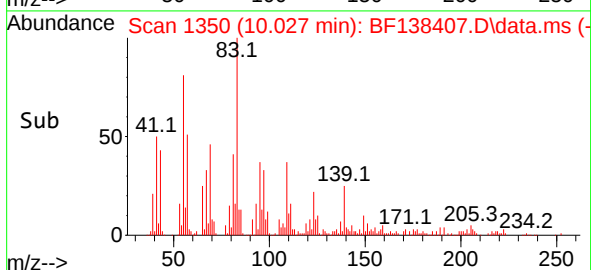
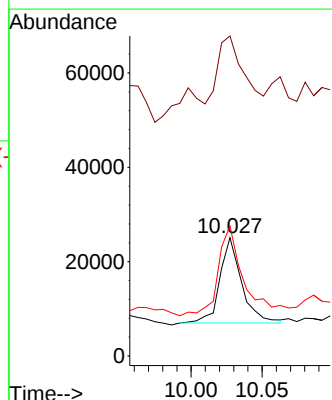
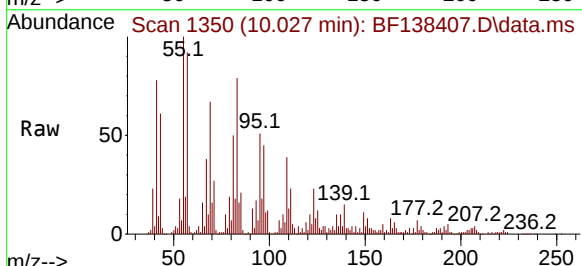
Tgt Ion:139 Resp: 19321

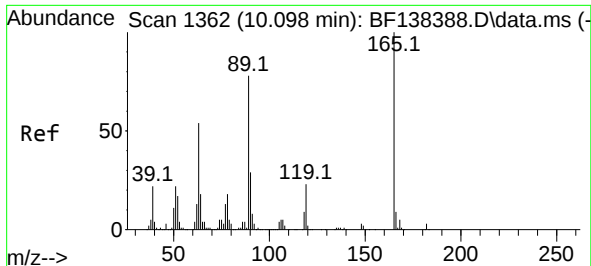
Ion Ratio Lower Upper

139 100

109 270.6 44.6 84.6#

65 110.0 75.9 115.9

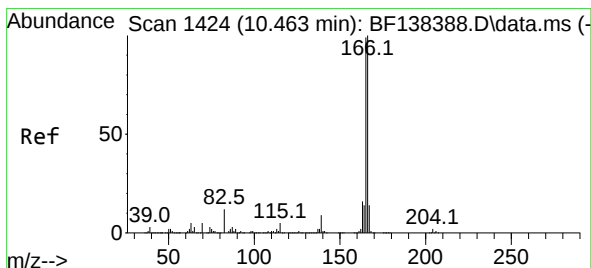
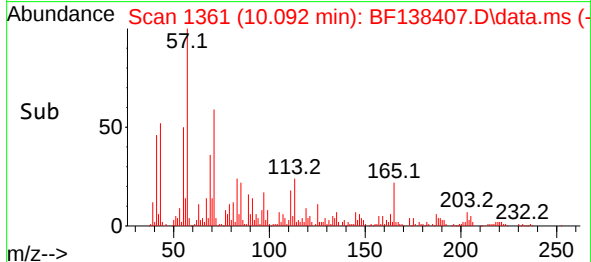
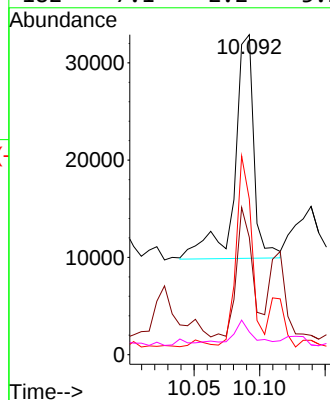
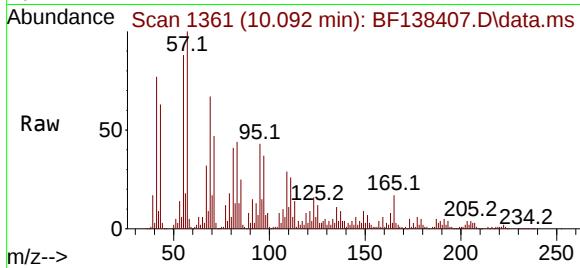




#57
2,4-Dinitrotoluene
Concen: 5.013 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

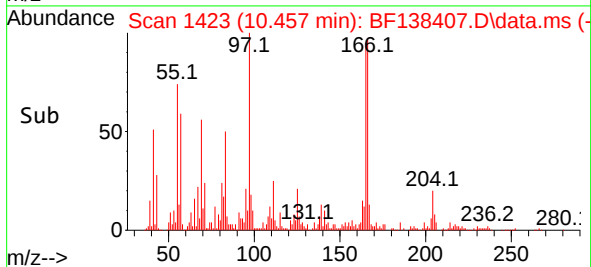
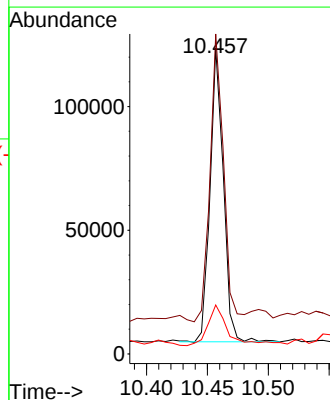
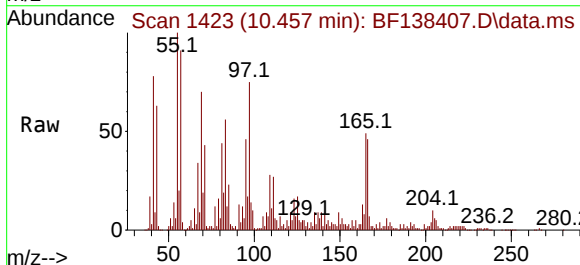
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

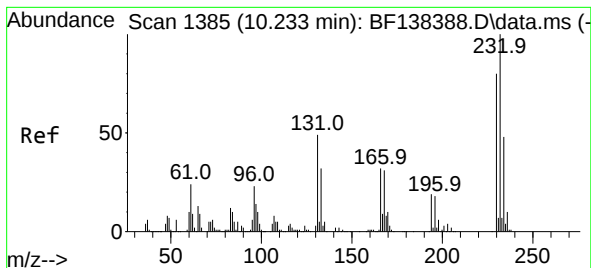
Tgt Ion:165 Resp: 23698
Ion Ratio Lower Upper
165 100
63 36.6 43.4 65.2#
89 48.6 62.6 93.8#
182 7.1 2.2 3.2#



#58
Fluorene
Concen: 5.631 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:166 Resp: 90157
Ion Ratio Lower Upper
166 100
165 104.7 79.0 118.6
167 16.0 10.8 16.2

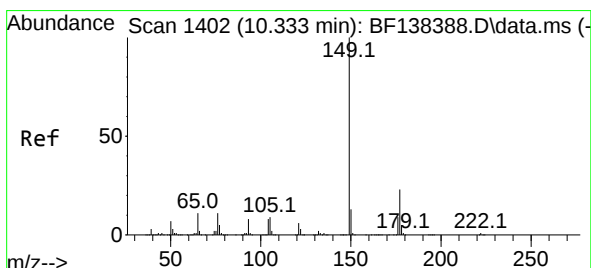
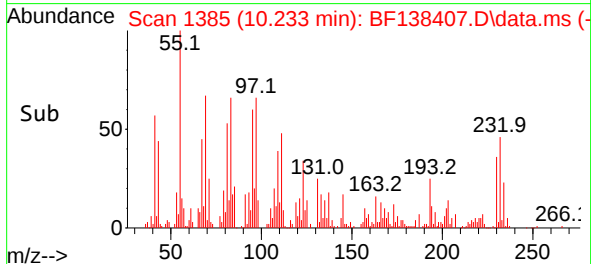
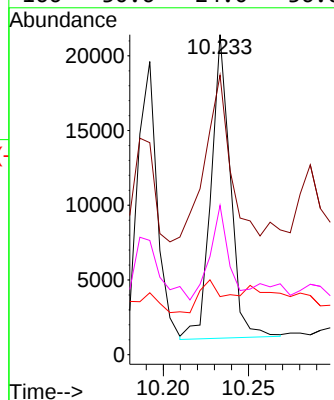
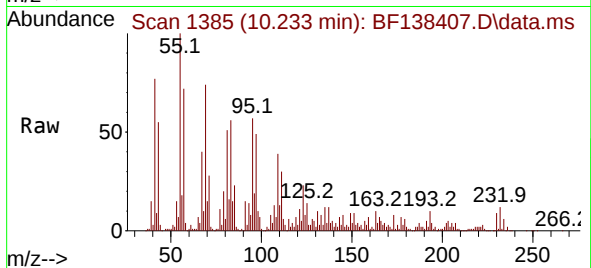




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.208 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

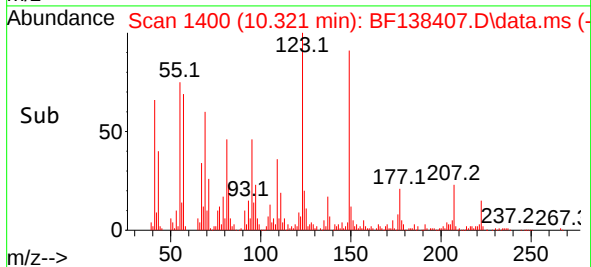
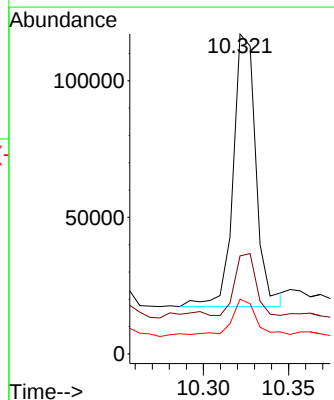
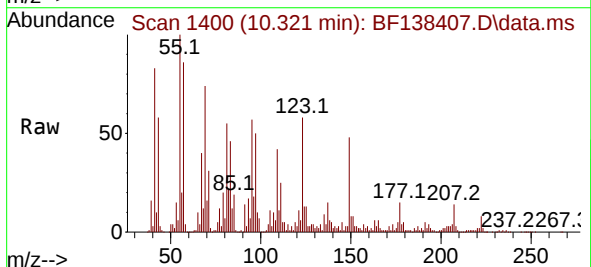
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

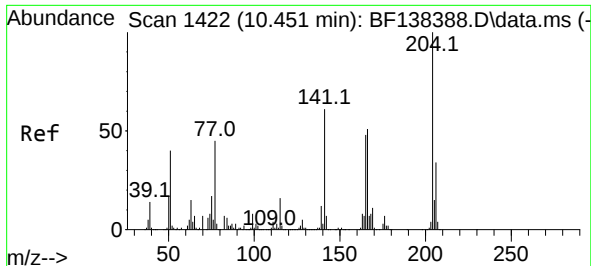
Tgt Ion:	232	Resp:	15957
Ion Ratio	Lower	Upper	
232	100		
131	76.3	36.6	55.0#
130	15.7	1.8	2.8#
166	30.6	24.0	36.0



#60
Diethylphthalate
Concen: 5.774 ng
RT: 10.321 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:	149	Resp:	92553
Ion Ratio	Lower	Upper	
149	100		
177	30.7	18.4	27.6#
150	17.2	10.2	15.2#

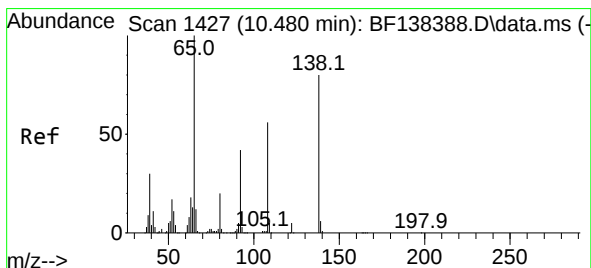
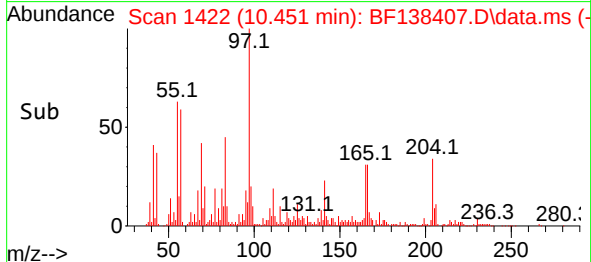
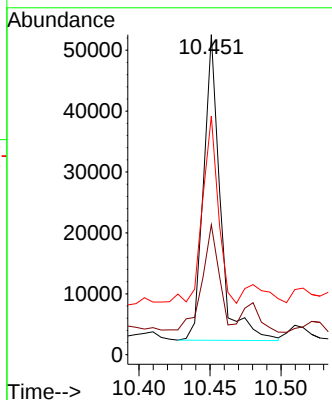
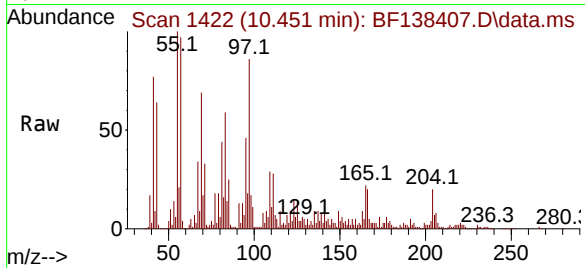




#61
4-Chlorophenyl-phenylether
Concen: 5.071 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

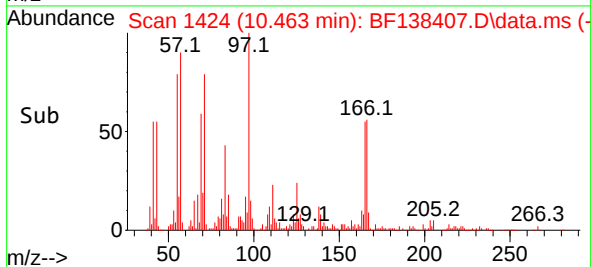
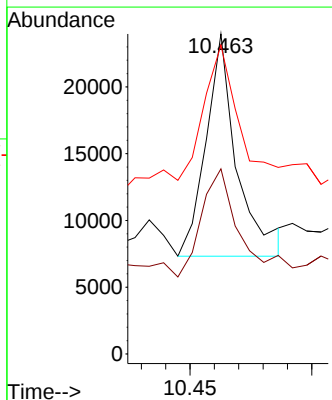
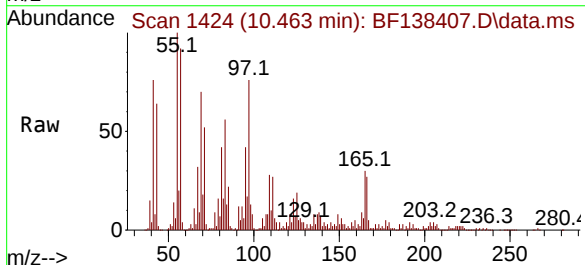
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

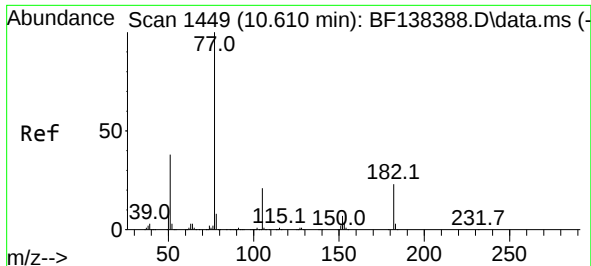
Tgt Ion:204 Resp: 41189
Ion Ratio Lower Upper
204 100
206 40.6 27.1 40.7
141 74.6 48.4 72.6#



#62
4-Nitroaniline
Concen: 4.218 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.018 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:138 Resp: 14680
Ion Ratio Lower Upper
138 100
92 57.9 32.6 72.6
108 96.5 50.3 90.3#

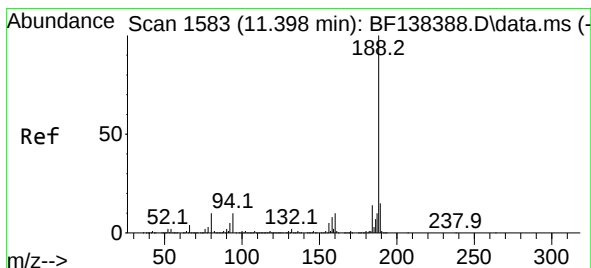
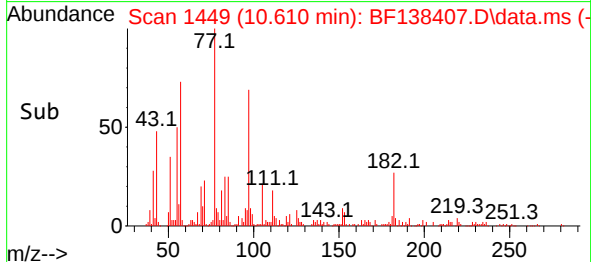
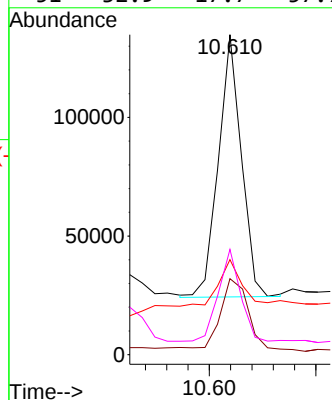
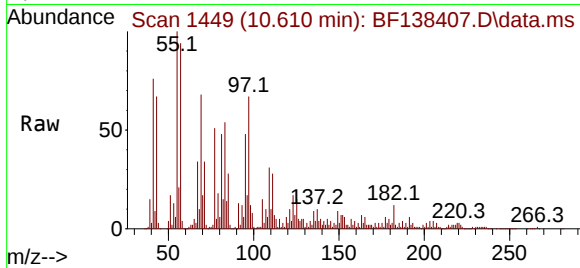




#63
Azobenzene
Concen: 4.884 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

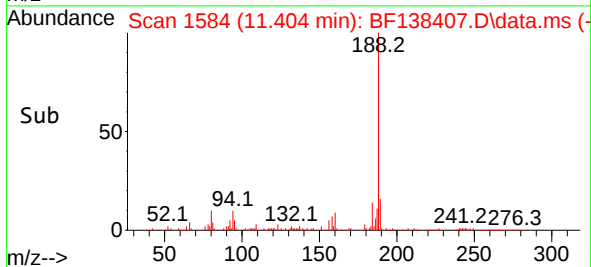
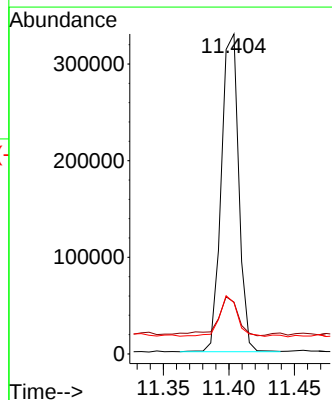
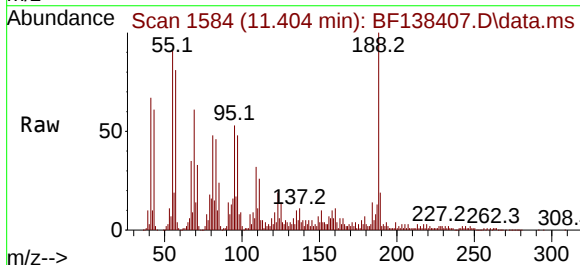
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

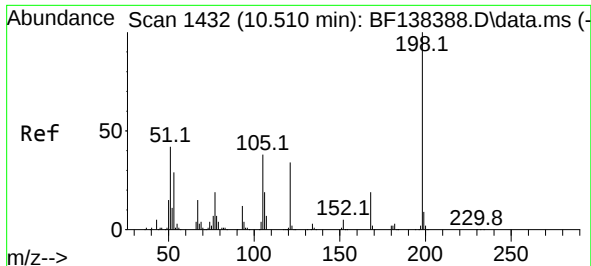
Tgt Ion: 77	Resp: 82674
Ion Ratio	Lower Upper
77 100	
182 23.8	2.7 42.7
105 29.7	0.6 40.6
51 32.9	17.7 57.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:188	Resp: 304412		
Ion Ratio	Lower	Upper	
188 100			
94 16.2	8.0	12.0#	
80 16.0	8.2	12.4#	

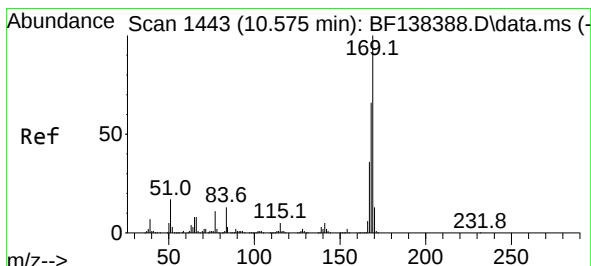
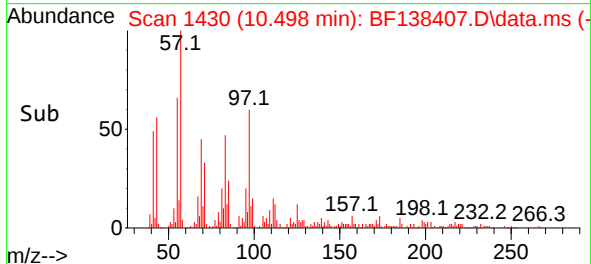
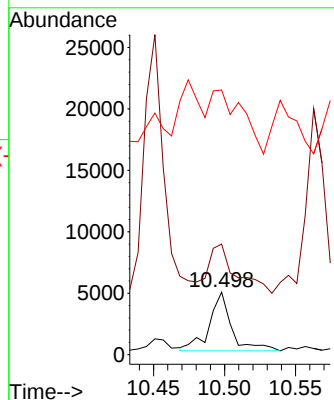
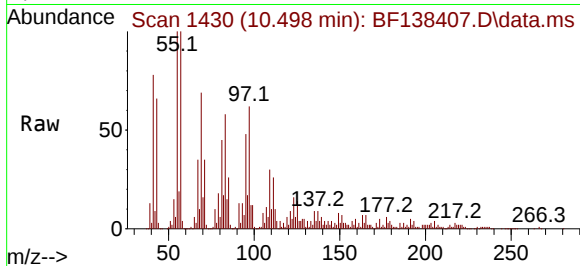




#65
4,6-Dinitro-2-methylphenol
Concen: 8.582 ng
RT: 10.498 min Scan# 141
Delta R.T. -0.012 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

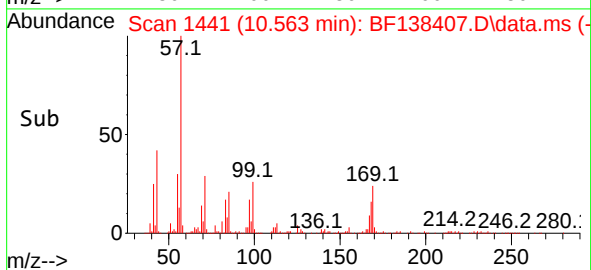
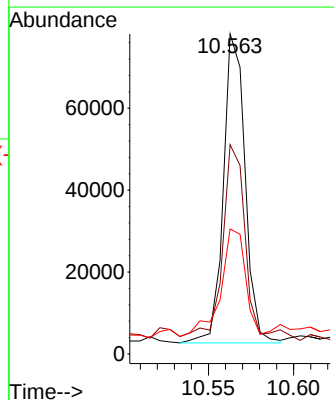
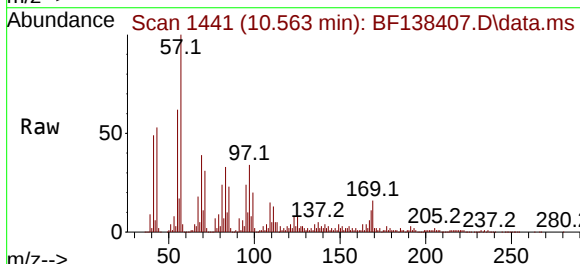
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

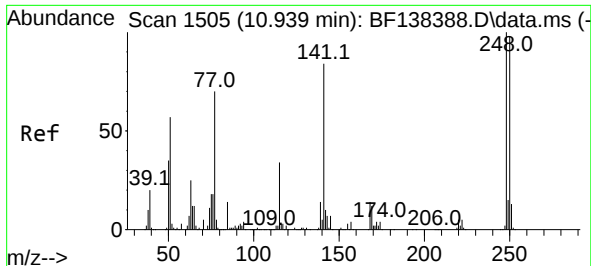
Tgt Ion:198 Resp: 5159
Ion Ratio Lower Upper
198 100
51 176.8 27.9 67.9#
105 423.3 18.2 58.2#



#66
n-Nitrosodiphenylamine
Concen: 7.062 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:169 Resp: 66740
Ion Ratio Lower Upper
169 100
168 65.4 52.5 78.7
167 39.0 28.8 43.2

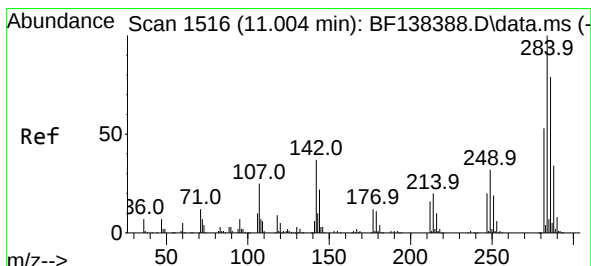
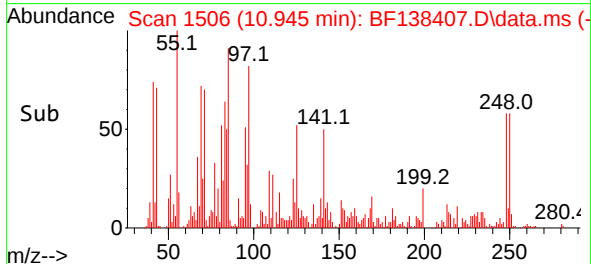
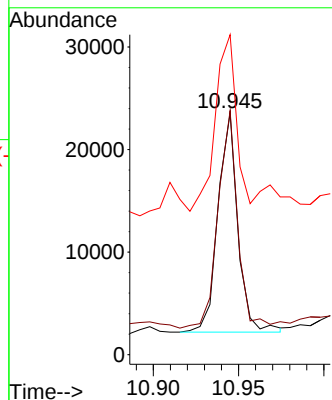
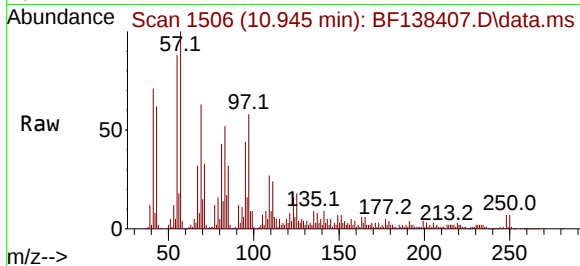




#67
4-Bromophenyl-phenylether
Concen: 5.298 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

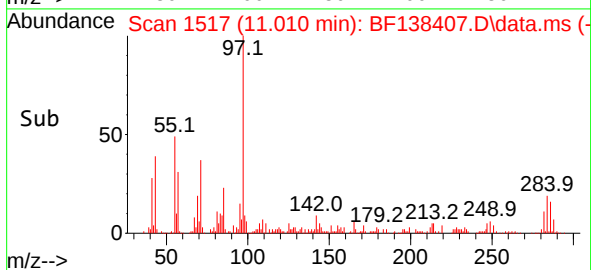
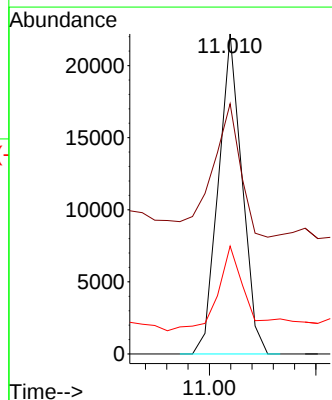
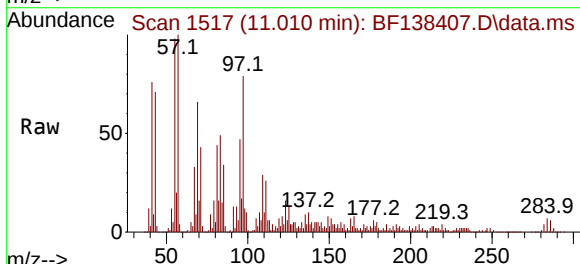
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

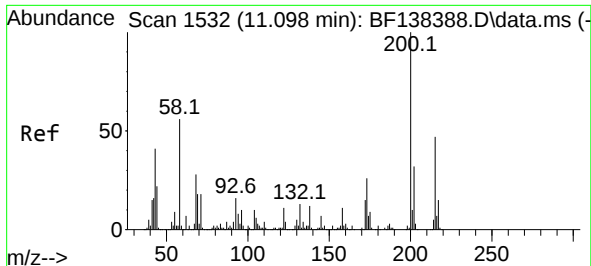
Tgt Ion:248 Resp: 17335
Ion Ratio Lower Upper
248 100
250 101.0 78.2 117.4
141 132.4 67.6 101.4#



#68
Hexachlorobenzene
Concen: 4.747 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:284 Resp: 17119
Ion Ratio Lower Upper
284 100
142 78.2 29.2 43.8#
249 33.7 25.8 38.6

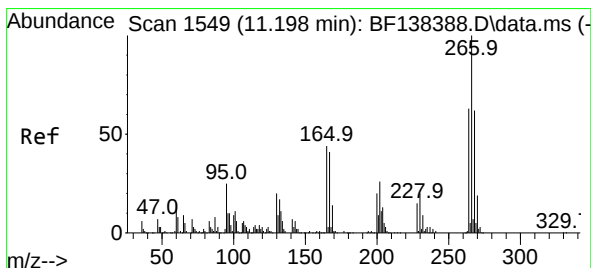
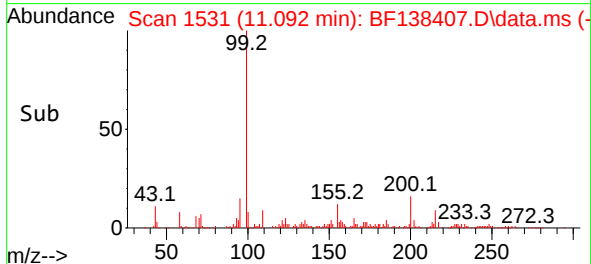
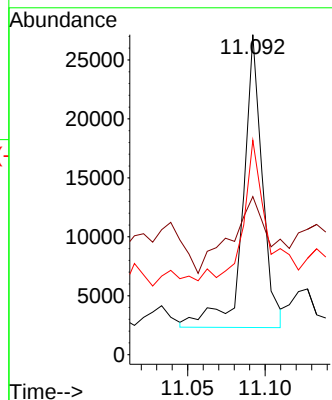
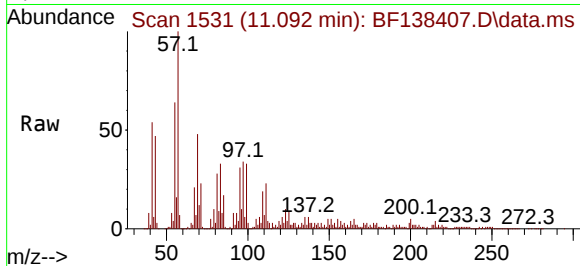




#69
Atrazine
Concen: 8.163 ng
RT: 11.092 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

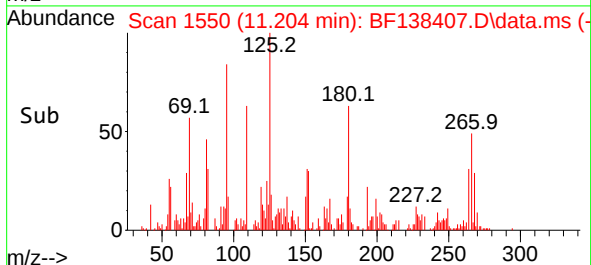
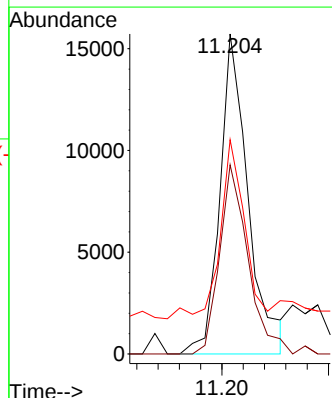
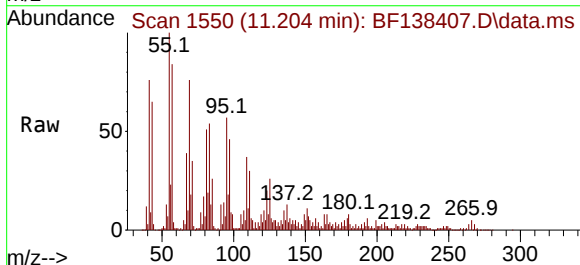
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

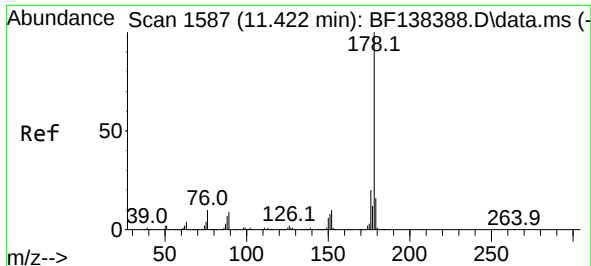
Tgt Ion:200 Resp: 21629
Ion Ratio Lower Upper
200 100
173 49.4 6.2 46.2#
215 67.0 27.4 67.4



#70
Pentachlorophenol
Concen: 7.931 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:266 Resp: 14518
Ion Ratio Lower Upper
266 100
268 59.1 49.9 74.9
264 67.0 50.0 75.0

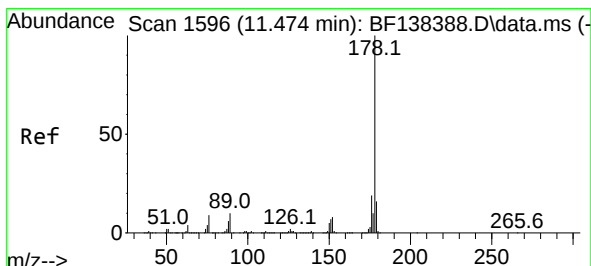
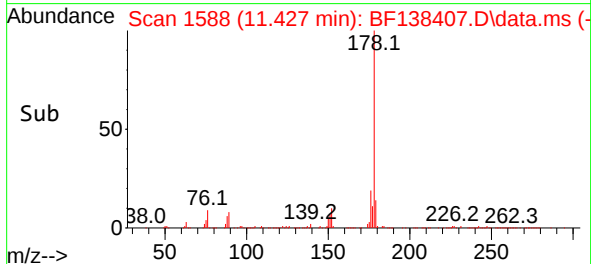
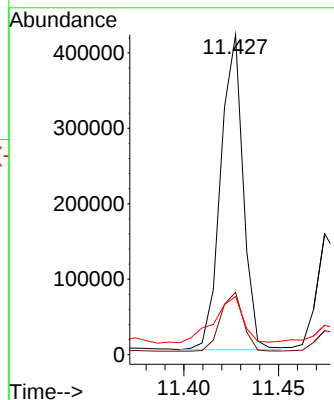
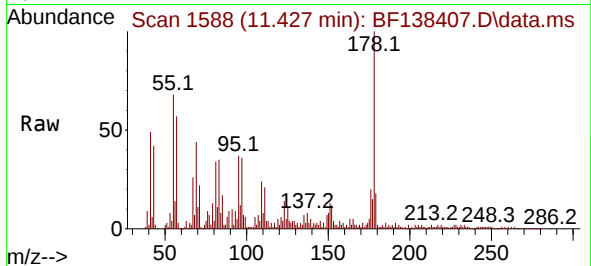




#71
Phenanthrene
Concen: 23.192 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

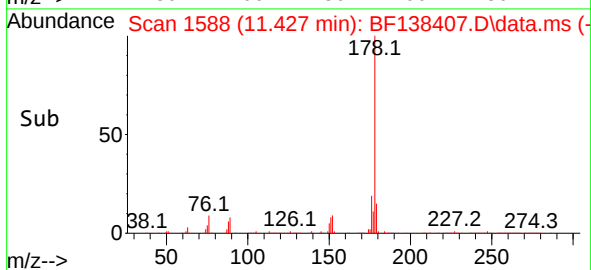
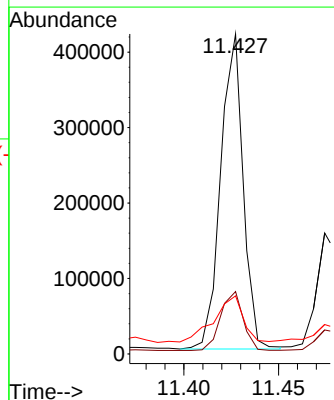
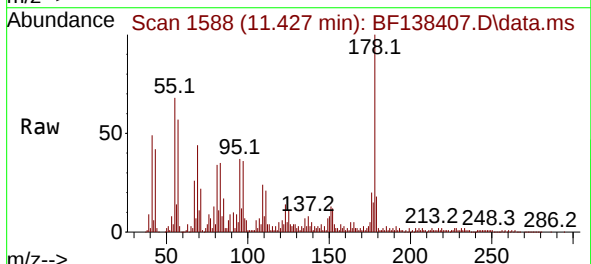
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

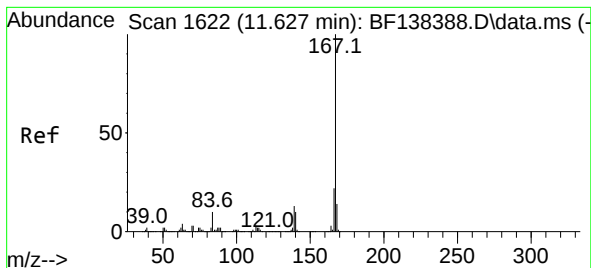
Tgt Ion:178 Resp: 344703
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 18.2 12.6 18.8



#72
Anthracene
Concen: 23.256 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.047 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:178 Resp: 344703
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 18.2 12.7 19.1





#73

Carbazole

Concen: 7.587 ng

RT: 11.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

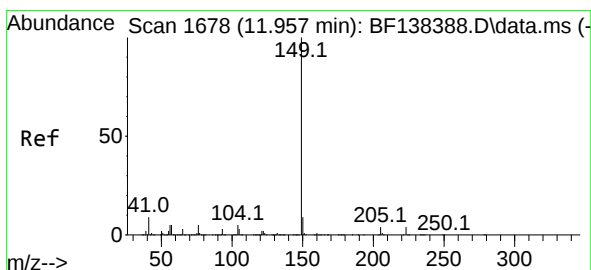
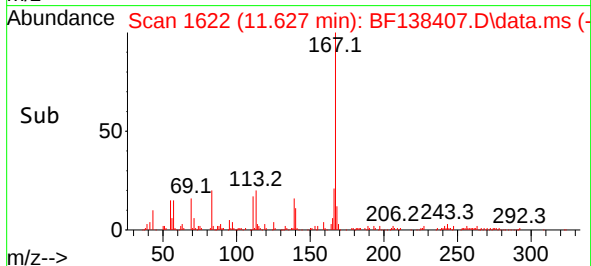
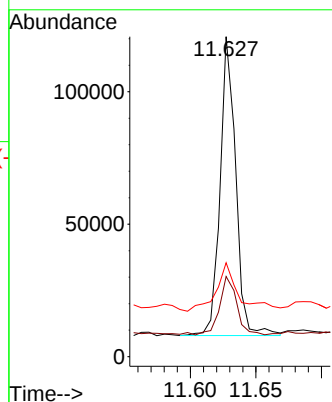
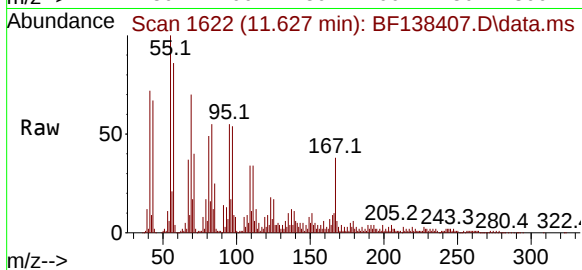
Tgt Ion:167 Resp: 93361

Ion Ratio Lower Upper

167 100

166 25.1 17.7 26.5

139 29.4 10.7 16.1#



#74

Di-n-butylphthalate

Concen: 6.662 ng

RT: 11.957 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

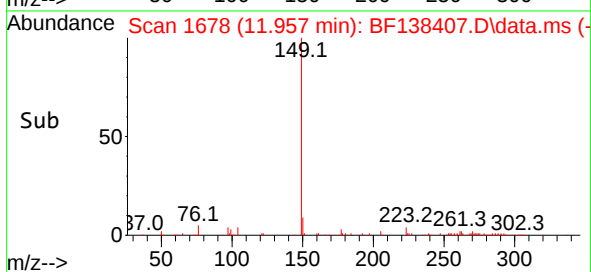
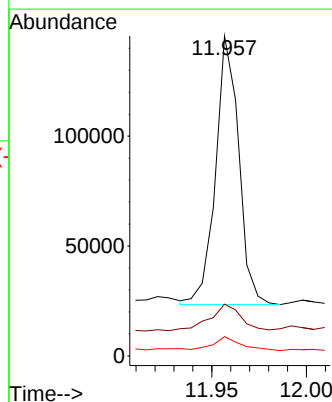
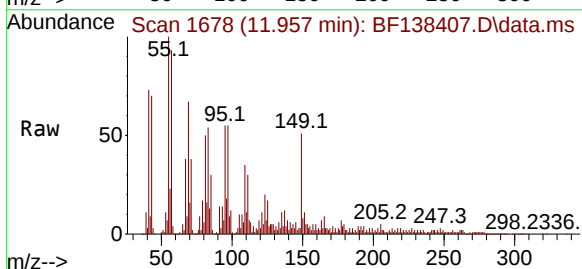
Tgt Ion:149 Resp: 103896

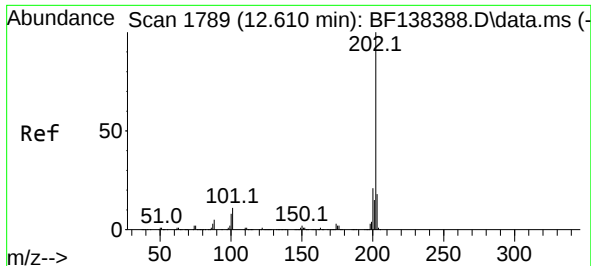
Ion Ratio Lower Upper

149 100

150 16.2 7.4 11.2#

104 6.1 3.8 5.8#

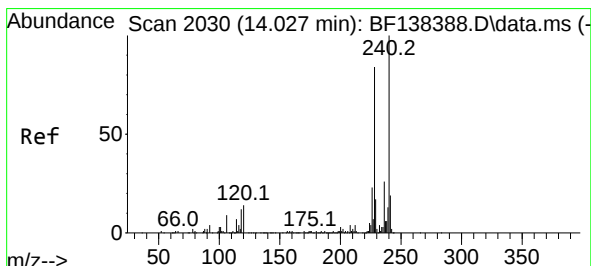
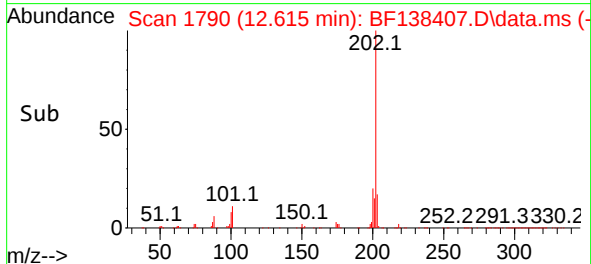
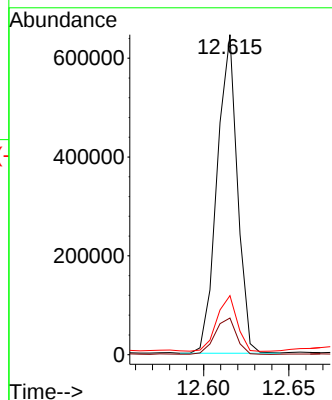
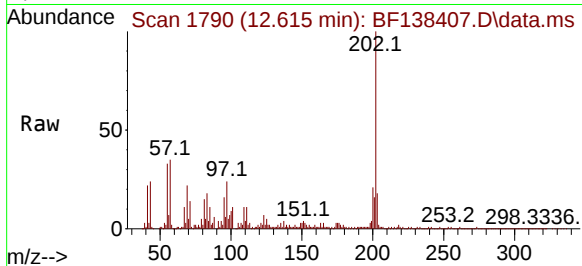




#75
Fluoranthene
Concen: 40.126 ng
RT: 12.615 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

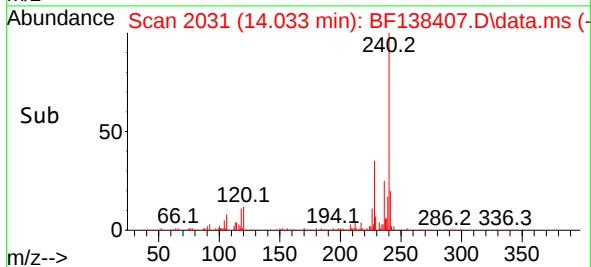
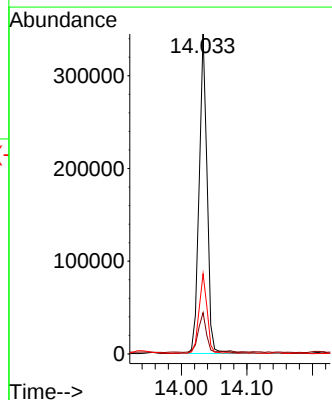
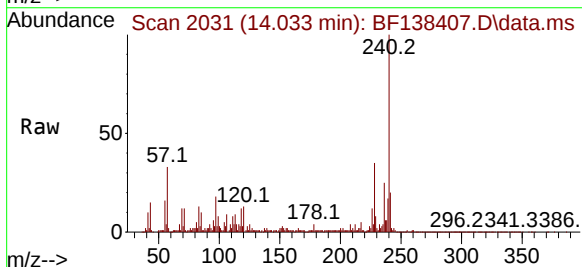
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

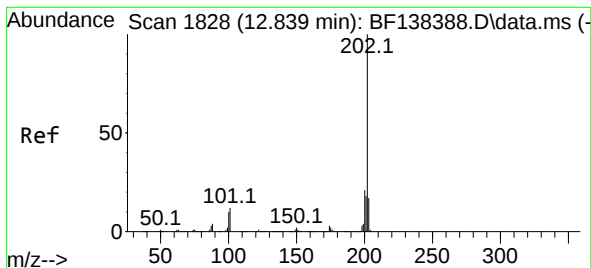
Tgt Ion:202 Resp: 534670
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.5
203 18.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:240 Resp: 290800
Ion Ratio Lower Upper
240 100
120 12.9 10.9 16.3
236 25.0 20.6 30.8





#78

Pyrene

Concen: 22.317 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

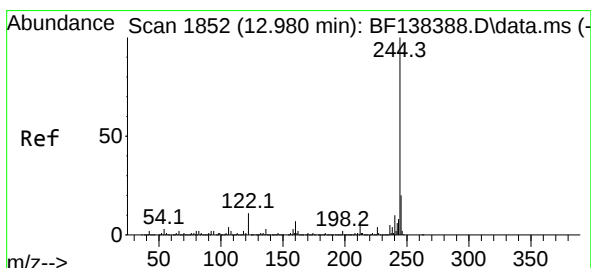
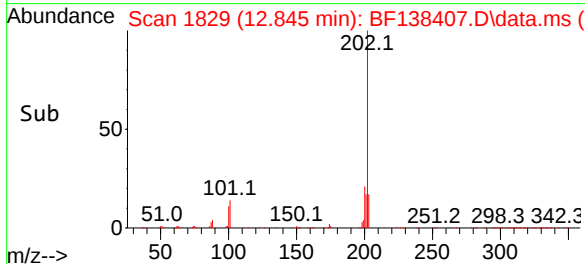
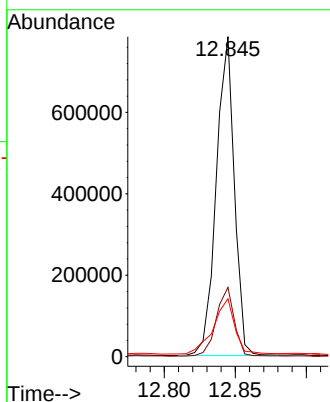
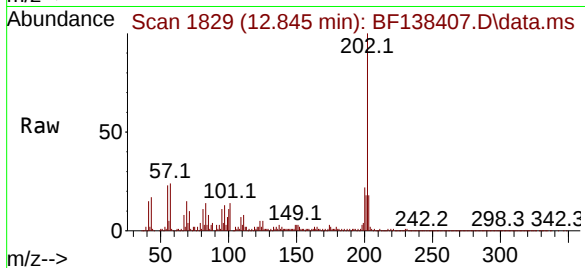
Tgt Ion:202 Resp: 693624

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

203 18.1 13.8 20.8



#79

Terphenyl-d14

Concen: 4.629 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

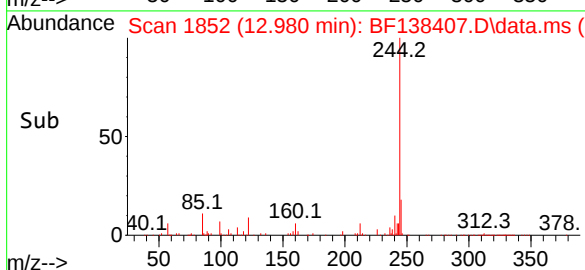
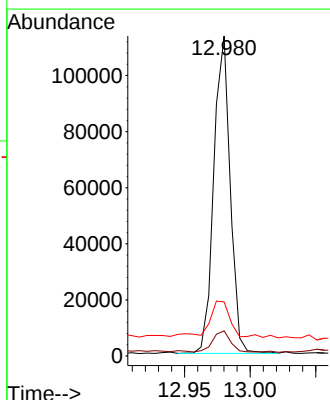
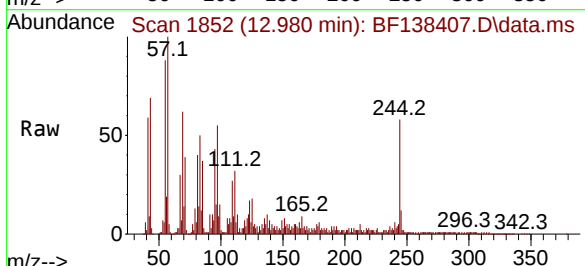
Tgt Ion:244 Resp: 98236

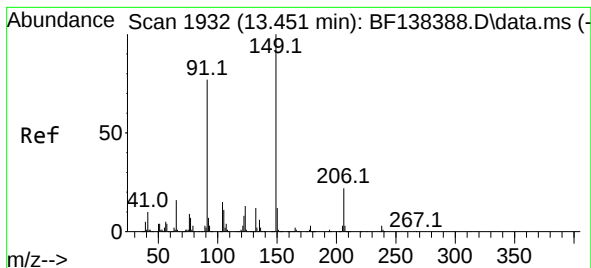
Ion Ratio Lower Upper

244 100

212 7.8 5.6 8.4

122 16.9 9.0 13.4#





#80

Butylbenzylphthalate

Concen: 4.783 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

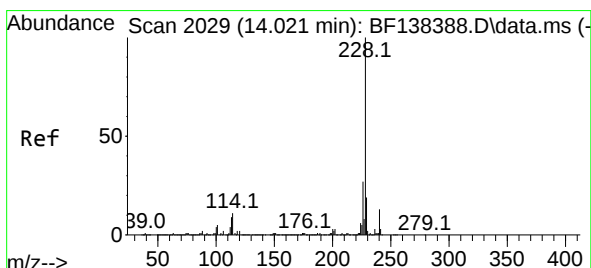
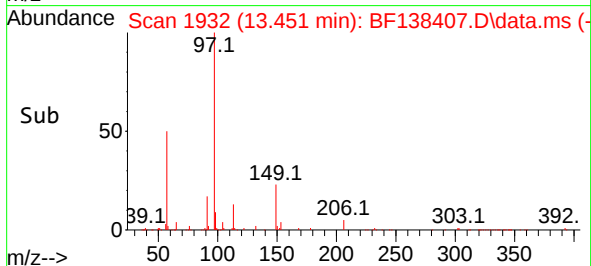
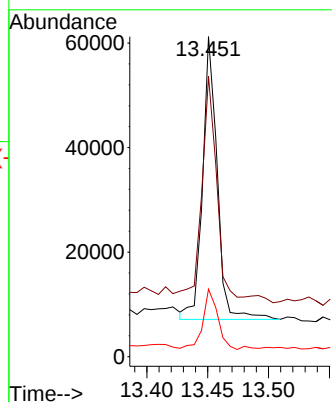
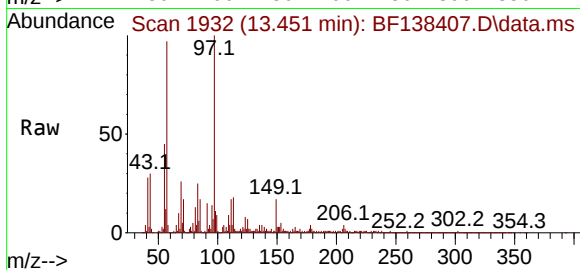
Tgt Ion:149 Resp: 45234

Ion Ratio Lower Upper

149 100

91 87.6 62.0 93.0

206 21.1 17.6 26.4



#81

Benzo(a)anthracene

Concen: 26.678 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

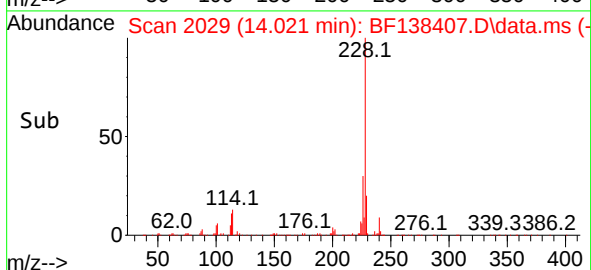
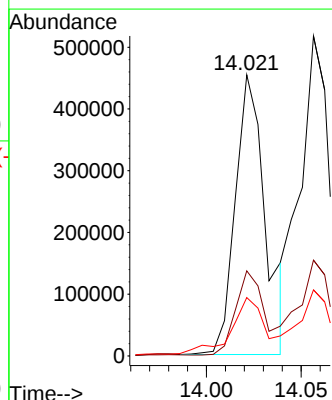
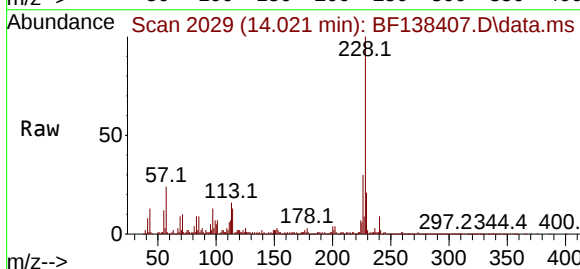
Tgt Ion:228 Resp: 499334

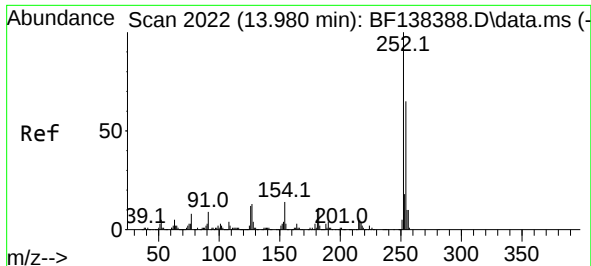
Ion Ratio Lower Upper

228 100

226 30.3 21.7 32.5

229 20.8 15.5 23.3

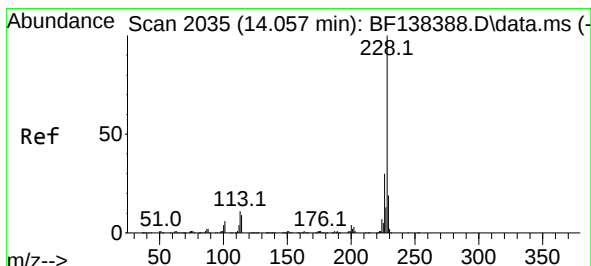
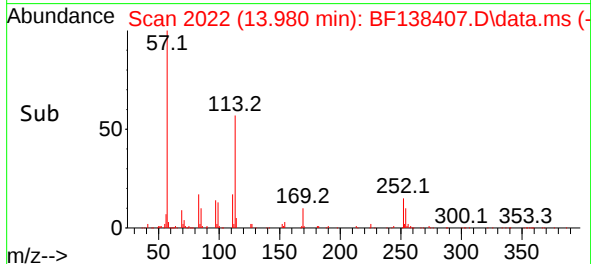
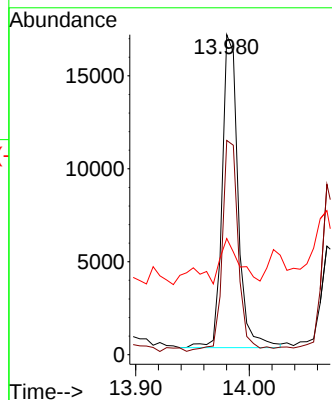
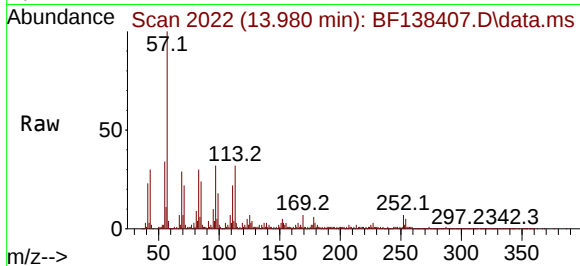




#82
3,3'-Dichlorobenzidine
Concen: 2.984 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

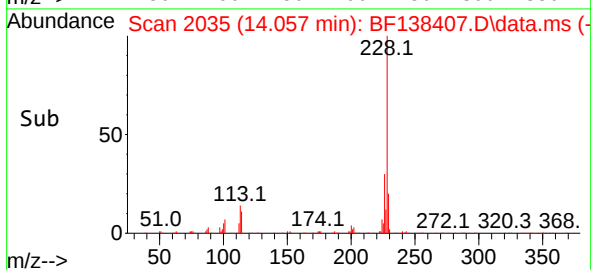
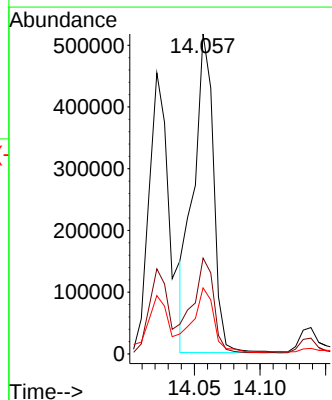
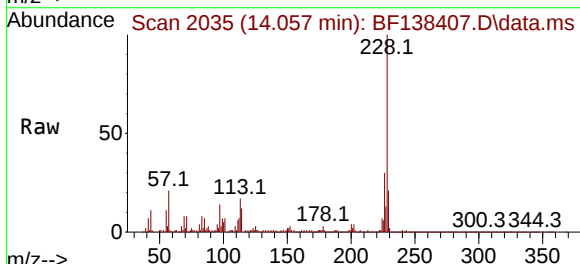
Instrument :
BNA_F
ClientSampleId :
VNJ-325MS

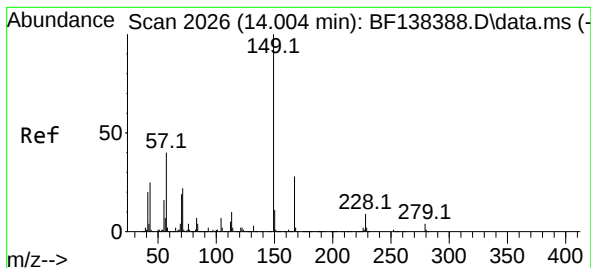
Tgt Ion:252 Resp: 16489
Ion Ratio Lower Upper
252 100
254 67.0 51.8 77.6
126 36.3 9.5 14.3#



#83
Chrysene
Concen: 30.172 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF138407.D
Acq: 01 Jul 2024 17:05

Tgt Ion:228 Resp: 549519
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 20.7 15.2 22.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.536 ng

RT: 14.009 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

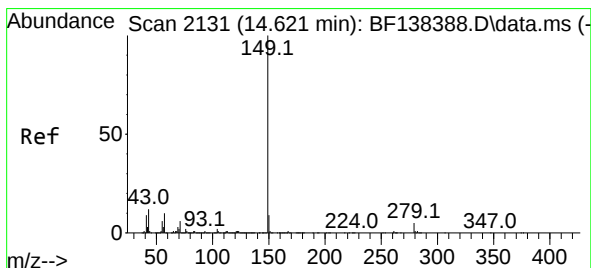
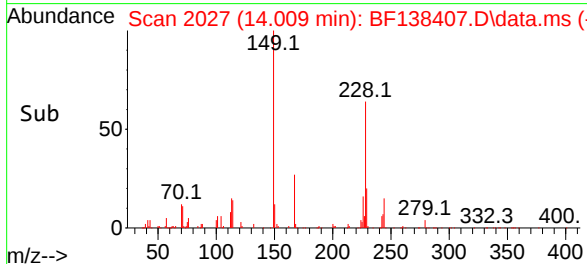
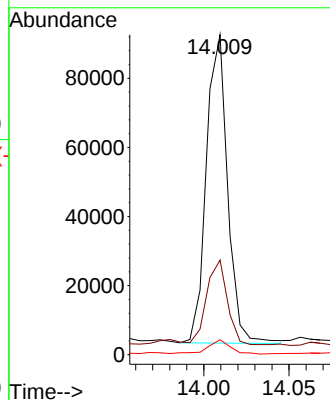
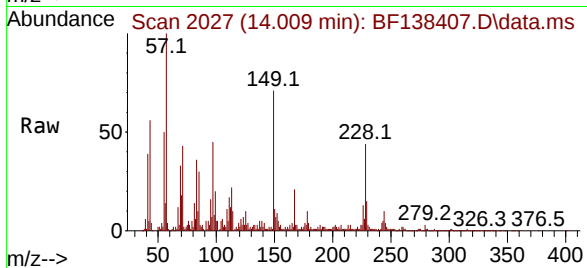
Tgt Ion:149 Resp: 77523

Ion Ratio Lower Upper

149 100

167 29.5 22.6 33.8

279 4.7 3.2 4.8



#85

Di-n-octyl phthalate

Concen: 6.082 ng

RT: 14.621 min Scan# 2131

Delta R.T. -0.000 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

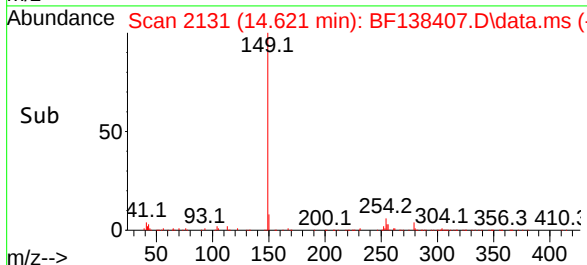
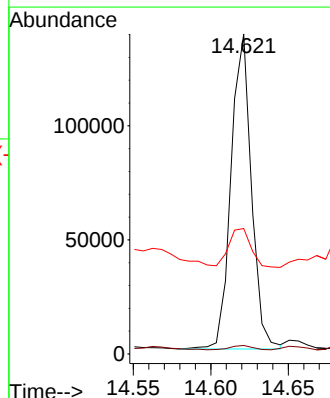
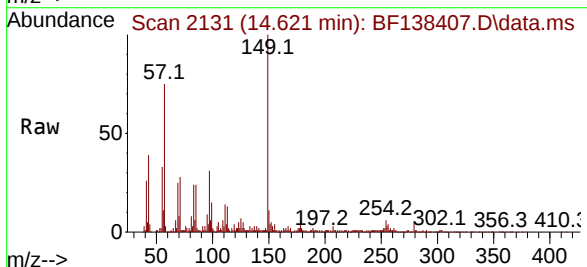
Tgt Ion:149 Resp: 126267

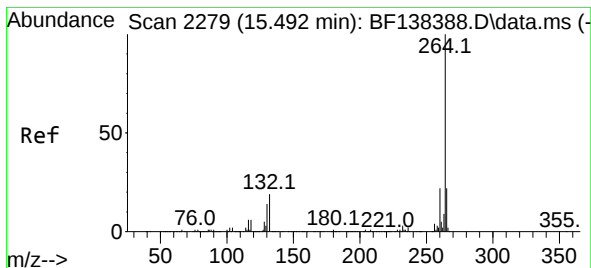
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 13.8 10.9 16.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

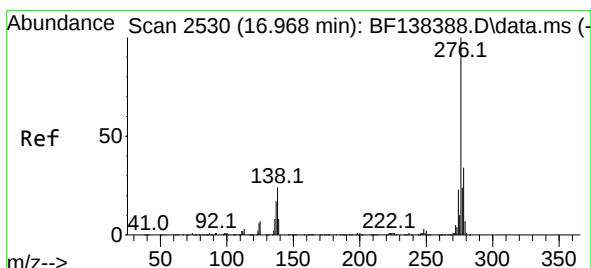
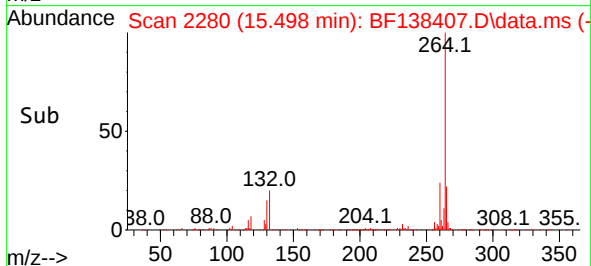
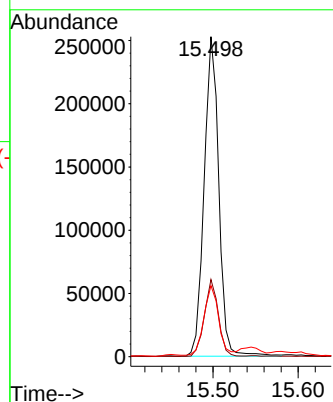
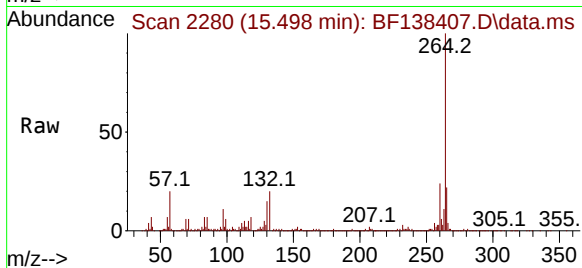
Tgt Ion:264 Resp: 301618

Ion Ratio Lower Upper

264 100

260 24.1 17.8 26.6

265 22.2 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 11.543 ng

RT: 16.962 min Scan# 2529

Delta R.T. -0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

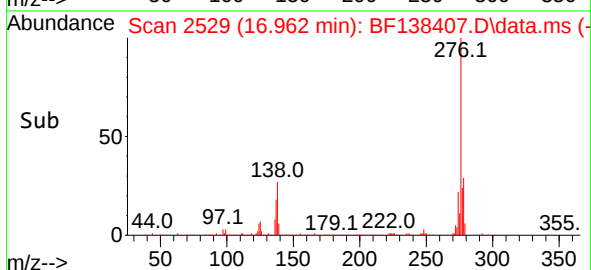
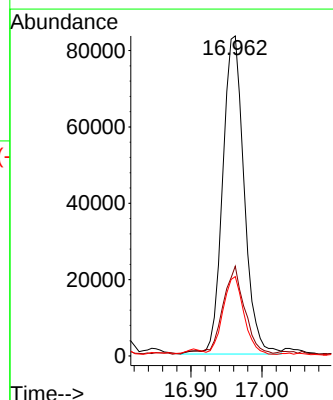
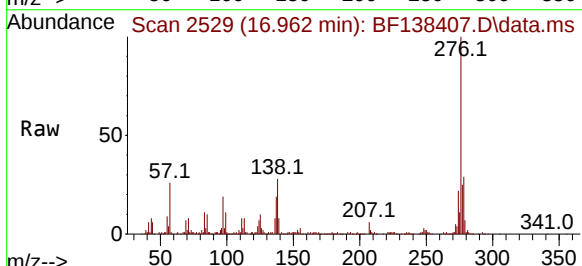
Tgt Ion:276 Resp: 174932

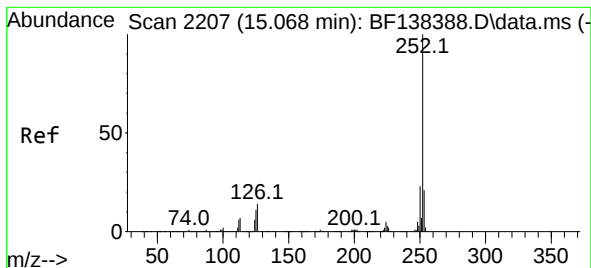
Ion Ratio Lower Upper

276 100

138 28.4 22.1 33.1

277 23.9 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 60.945 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

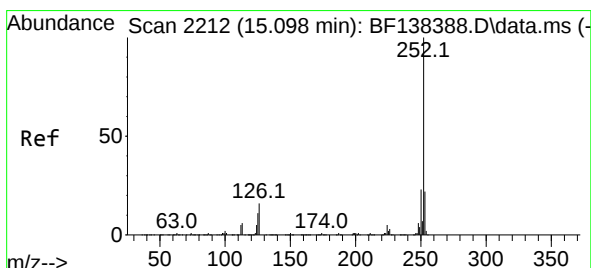
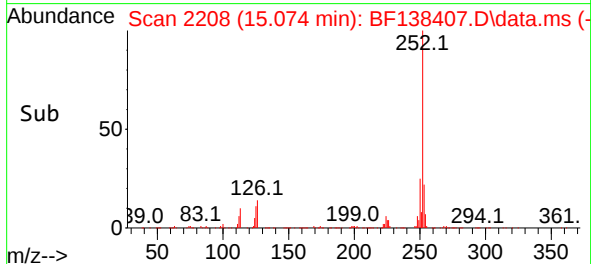
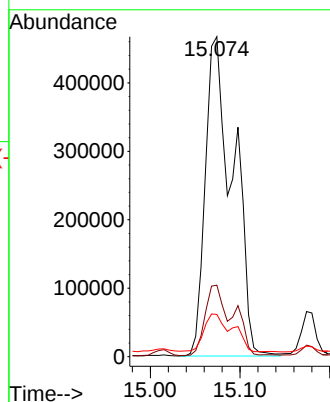
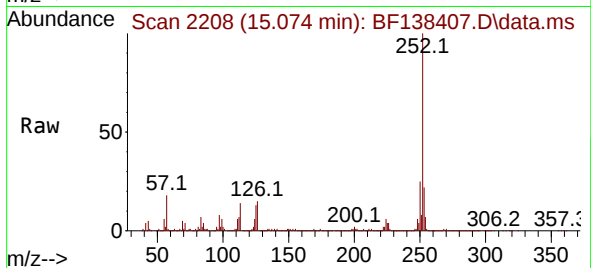
Tgt Ion:252 Resp: 1008560

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 13.2 8.6 12.8#



#89

Benzo(k)fluoranthene

Concen: 66.167 ng

RT: 15.074 min Scan# 2208

Delta R.T. -0.024 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

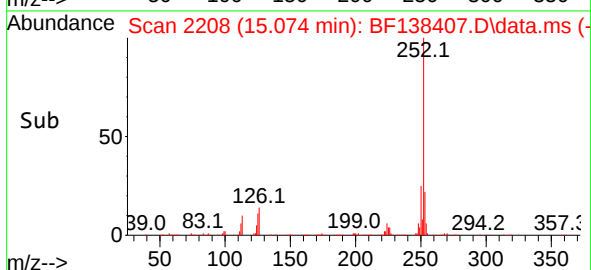
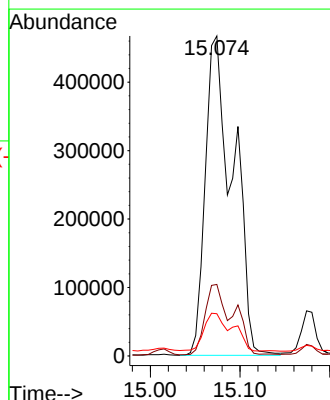
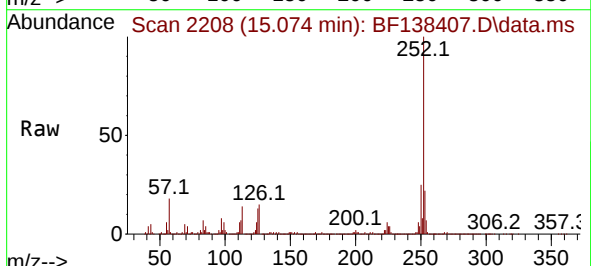
Tgt Ion:252 Resp: 1008560

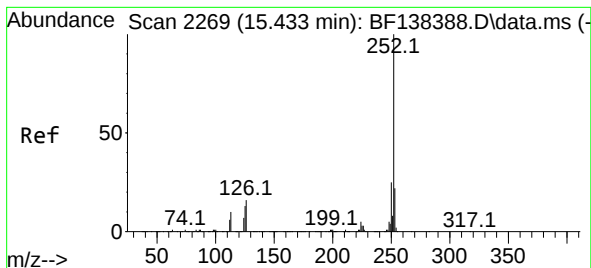
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 13.2 8.7 13.1#





#90

Benzo(a)pyrene

Concen: 23.359 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS

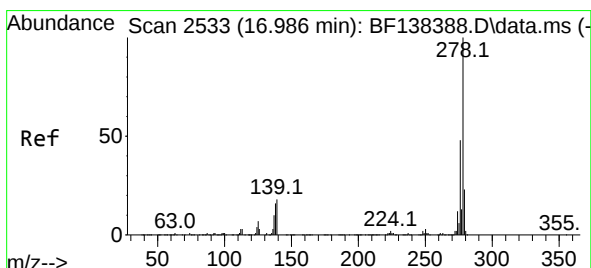
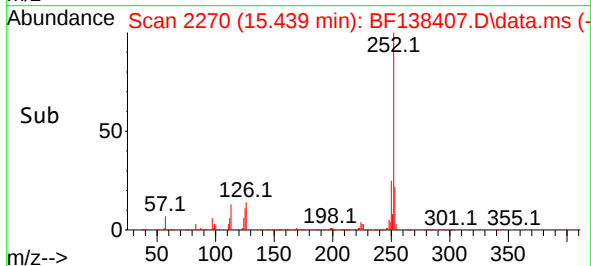
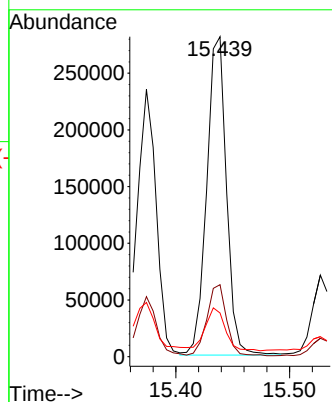
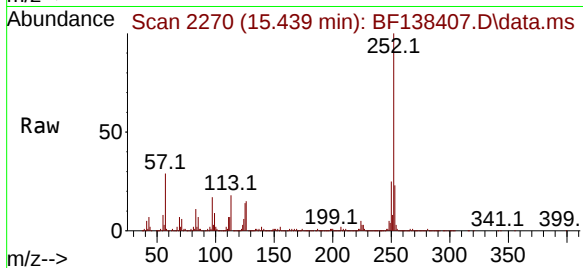
Tgt Ion:252 Resp: 338826

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 13.6 10.2 15.2



#91

Dibenzo(a,h)anthracene

Concen: 7.036 ng

RT: 16.980 min Scan# 2532

Delta R.T. -0.006 min

Lab File: BF138407.D

Acq: 01 Jul 2024 17:05

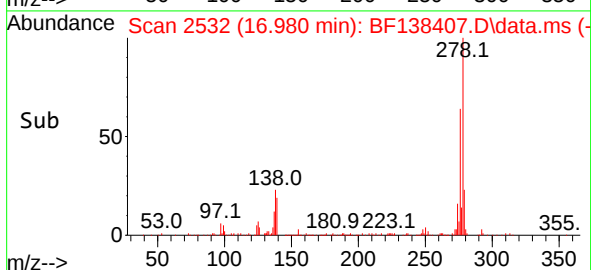
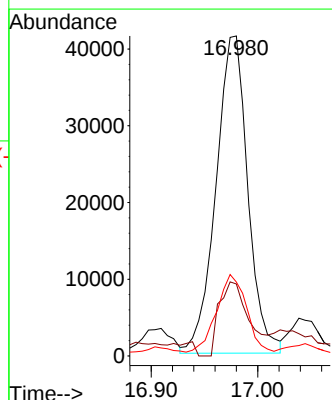
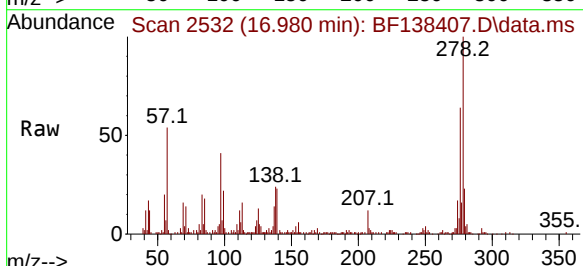
Tgt Ion:278 Resp: 86073

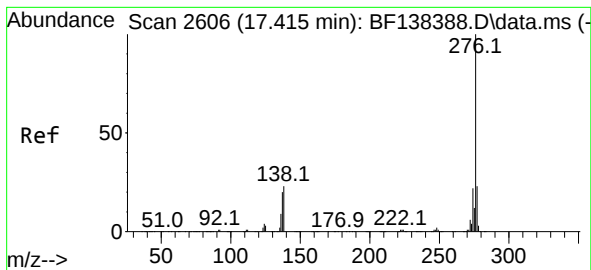
Ion Ratio Lower Upper

278 100

139 22.5 14.3 21.5#

279 23.1 18.5 27.7





#92

Benzo(g,h,i)perylene

Concen: 11.253 ng

RT: 17.403 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF138407.D

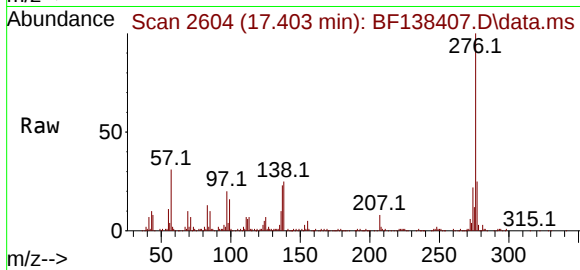
Acq: 01 Jul 2024 17:05

Instrument :

BNA_F

ClientSampleId :

VNJ-325MS



Tgt Ion:276 Resp: 134663

Ion Ratio Lower Upper

276 100

277 24.7 18.3 27.5

138 24.6 18.3 27.5

