

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138408.D
 Acq On : 01 Jul 2024 17:35
 Operator : CG\JU
 Sample : P3115-12MSD 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-325MSD

Quant Time: Jul 01 18:19:04 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	171983	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	640603	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	261372	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	299736	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	288909	20.000	ng	0.00
86) Perylene-d12	15.498	264	289056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	127157	12.258	ng	0.00
7) Phenol-d6	6.504	99	173892	12.444	ng	-0.01
23) Nitrobenzene-d5	7.428	82	100764	8.171	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	20284	9.499	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	175267	10.672	ng	0.00
79) Terphenyl-d14	12.980	244	107054	5.078	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	22264	4.557	ng	98
3) Pyridine	3.416	79	55558	4.766	ng	97
4) n-Nitrosodimethylamine	3.345	42	38202	5.253	ng	96
6) Aniline	6.534	93	27538	2.019	ng	98
8) 2-Chlorophenol	6.657	128	66759	5.995	ng	94
10) Phenol	6.516	94	85875	5.768	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	67048	5.734	ng	96
12) 1,3-Dichlorobenzene	6.810	146	70253	5.509	ng	98
13) 1,4-Dichlorobenzene	6.892	146	70366	5.503	ng	98
14) 1,2-Dichlorobenzene	7.039	146	67666	5.732	ng	97
15) Benzyl Alcohol	7.010	79	55871	5.582	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	139131	5.899	ng	99
17) 2-Methylphenol	7.128	107	52007	5.635	ng	95
18) Hexachloroethane	7.386	117	24515	5.315	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	53155	6.034	ng	94
20) 3+4-Methylphenols	7.281	107	68144	6.355	ng	# 90
22) Acetophenone	7.275	105	87137	5.996	ng	# 92
24) Nitrobenzene	7.451	77	68068	5.427	ng	98
25) Isophorone	7.686	82	132617	5.832	ng	99
26) 2-Nitrophenol	7.769	139	28683	5.302	ng	95
27) 2,4-Dimethylphenol	7.804	122	44378	6.409	ng	95
28) bis(2-Chloroethoxy)met...	7.898	93	81260	5.937	ng	99
29) 2,4-Dichlorophenol	8.016	162	49470	5.563	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	56481	5.462	ng	100
31) Naphthalene	8.175	128	215128	6.643	ng	98
32) Benzoic acid	7.869	122	20631	7.081	ng	96
33) 4-Chloroaniline	8.222	127	23857	2.109	ng	96
34) Hexachlorobutadiene	8.292	225	32064	5.165	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	54121	5.713	ng	97
37) 2-Methylnaphthalene	8.863	142	132787	6.344	ng	98
38) 1-Methylnaphthalene	8.963	142	117133	5.771	ng	97
40) 1,2,4,5-Tetrachloroben...	9.027	216	46226	6.394	ng	97
41) Hexachlorocyclopentadiene	9.016	237	25684	12.069	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	29745	6.466	ng	97
44) 2,4,5-Trichlorophenol	9.186	196	29988	5.994	ng	# 65
46) 1,1'-Biphenyl	9.327	154	147305	7.548	ng	97

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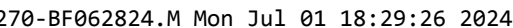
Instrument :
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 ClientSampleId :
 VNJ-325MSD

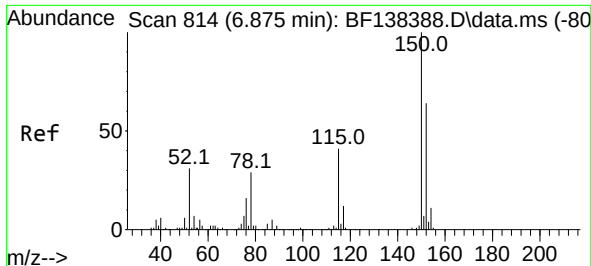
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.351	162	93490	6.283	ng	97
48) 2-Nitroaniline	9.445	65	38738	8.071	ng	87
49) Acenaphthylene	9.769	152	170976	8.170	ng	# 93
50) Dimethylphthalate	9.622	163	118245	7.039	ng	# 95
51) 2,6-Dinitrotoluene	9.686	165	33223	8.831	ng	90
52) Acenaphthene	9.945	154	105721	7.378	ng	96
53) 3-Nitroaniline	9.857	138	17804	4.792	ng	# 75
54) 2,4-Dinitrophenol	9.963	184	5703	12.114	ng	# 56
55) Dibenzofuran	10.116	168	141711	7.178	ng	98
56) 4-Nitrophenol	10.027	139	20042	8.319	ng	# 1
57) 2,4-Dinitrotoluene	10.092	165	22966	4.958	ng	# 74
58) Fluorene	10.457	166	93223	5.943	ng	# 95
59) 2,3,4,6-Tetrachlorophenol	10.233	232	16838	4.531	ng	# 72
60) Diethylphthalate	10.327	149	99144	6.313	ng	# 87
61) 4-Chlorophenyl-phenyle...	10.451	204	42598	5.352	ng	# 82
62) 4-Nitroaniline	10.463	138	14672	4.302	ng	# 72
63) Azobenzene	10.610	77	86236	5.199	ng	90
65) 4,6-Dinitro-2-methylph...	10.498	198	5167	8.630	ng	# 1
66) n-Nitrosodiphenylamine	10.569	169	69449	7.463	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	19424	6.029	ng	# 80
68) Hexachlorobenzene	11.010	284	18226	5.133	ng	# 67
69) Atrazine	11.092	200	20001	7.666	ng	# 63
70) Pentachlorophenol	11.204	266	13442	7.458	ng	94
71) Phenanthrene	11.427	178	357281	24.414	ng	# 97
72) Anthracene	11.427	178	357281	24.481	ng	95
73) Carbazole	11.627	167	104316	8.609	ng	# 80
74) Di-n-butylphthalate	11.957	149	109336	7.120	ng	# 85
75) Fluoranthene	12.615	202	564854	43.053	ng	97
78) Pyrene	12.845	202	727443	23.558	ng	98
80) Butylbenzylphthalate	13.451	149	42677	4.542	ng	88
81) Benzo(a)anthracene	14.021	228	525835	28.277	ng	96
82) 3,3'-Dichlorobenzidine	13.986	252	18047	3.287	ng	# 90
83) Chrysene	14.057	228	585684	32.368	ng	97
84) Bis(2-ethylhexyl)phtha...	14.009	149	84006	7.129	ng	97
85) Di-n-octyl phthalate	14.621	149	137564	6.670	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.956	276	182916	12.594	ng	98
88) Benzo(b)fluoranthene	15.074	252	709440	44.733	ng	# 96
89) Benzo(k)fluoranthene	15.074	252	709440	48.566	ng	# 97
90) Benzo(a)pyrene	15.433	252	346317	24.913	ng	# 95
91) Dibenzo(a,h)anthracene	16.974	278	88547	7.553	ng	# 95
92) Benzo(g,h,i)perylene	17.403	276	140052	12.212	ng	99

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

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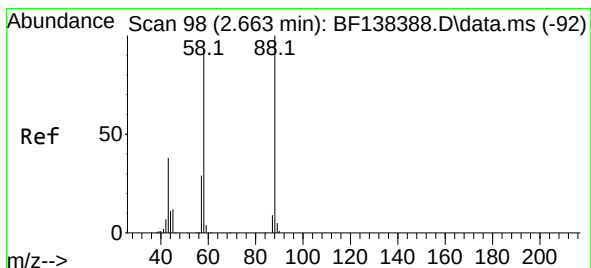
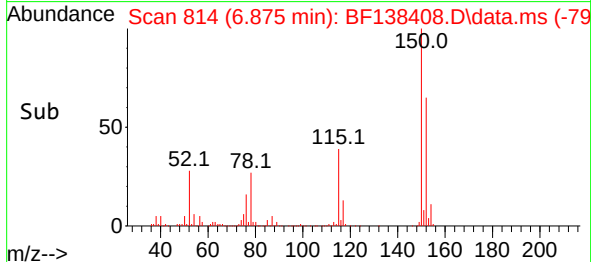
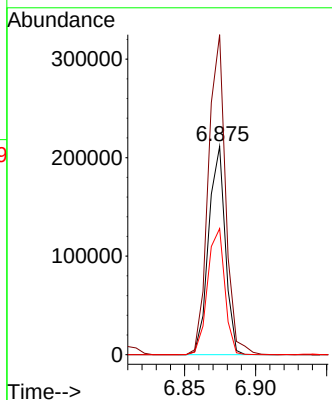
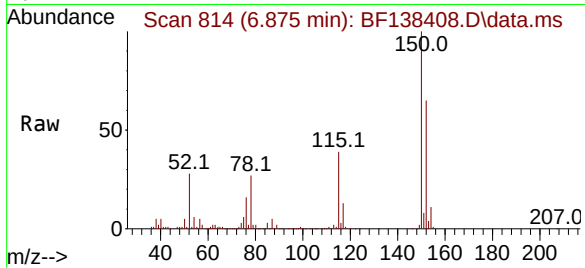




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

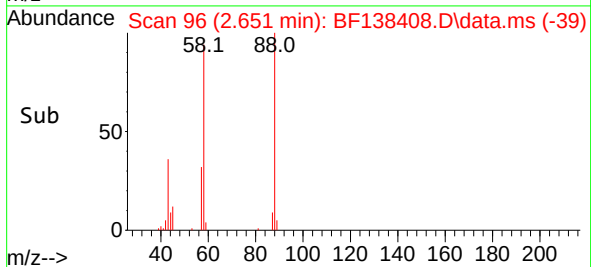
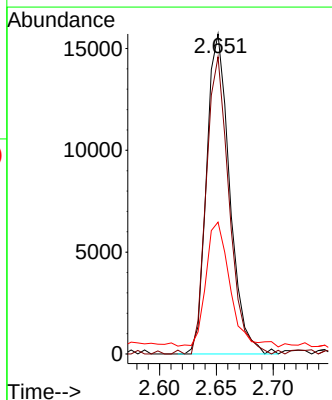
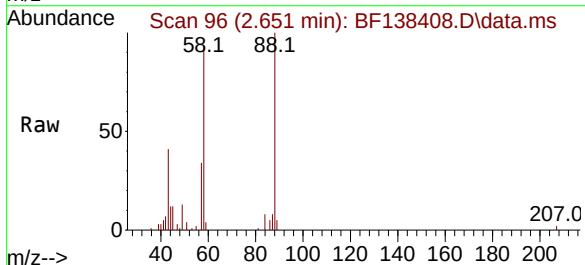
Instrument :
BNA_F
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VNJ-325MSD

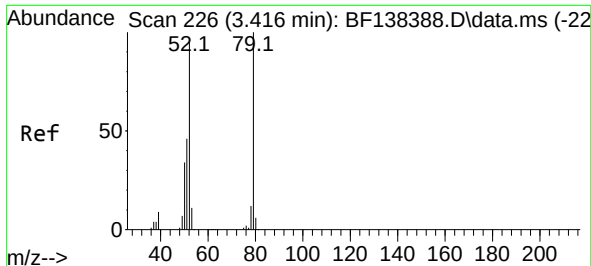
Tgt Ion:152 Resp: 171983
Ion Ratio Lower Upper
152 100
150 153.6 124.9 187.3
115 60.5 50.8 76.2



#2
1,4-Dioxane
Concen: 4.557 ng
RT: 2.651 min Scan# 96
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 88 Resp: 22264
Ion Ratio Lower Upper
88 100
58 91.9 73.7 110.5
43 40.5 30.1 45.1





#3

Pyridine

Concen: 4.766 ng

RT: 3.416 min Scan# 214

Delta R.T. -0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

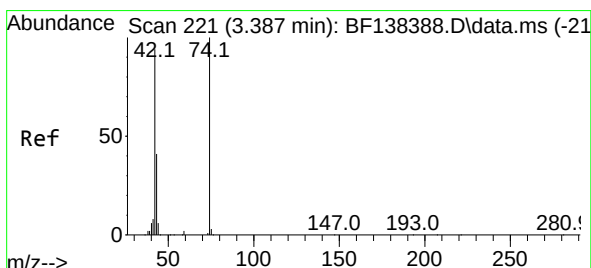
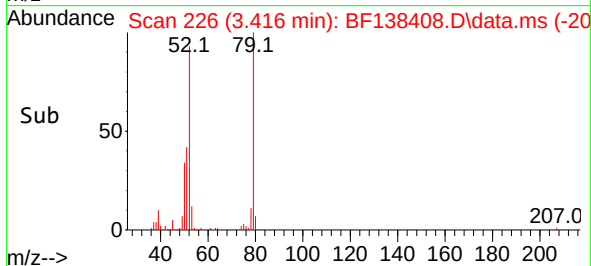
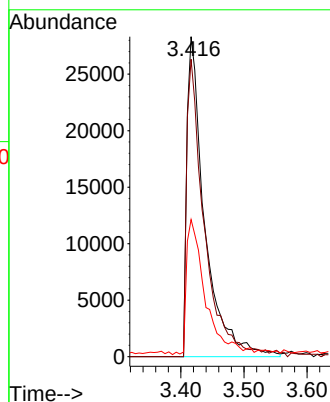
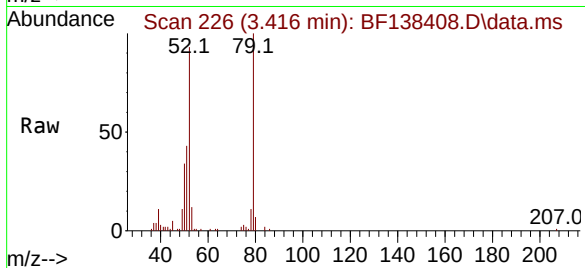
Tgt Ion: 79 Resp: 55558

Ion Ratio Lower Upper

79 100

52 92.9 76.2 114.2

51 42.8 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 5.253 ng

RT: 3.345 min Scan# 214

Delta R.T. -0.041 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

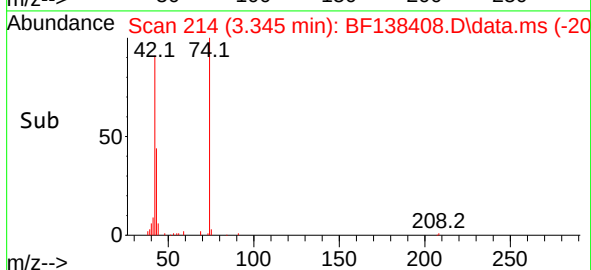
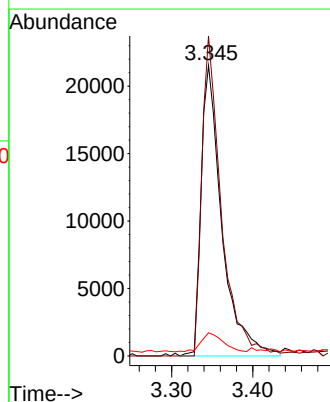
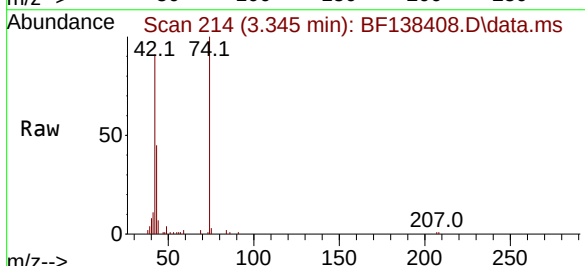
Tgt Ion: 42 Resp: 38202

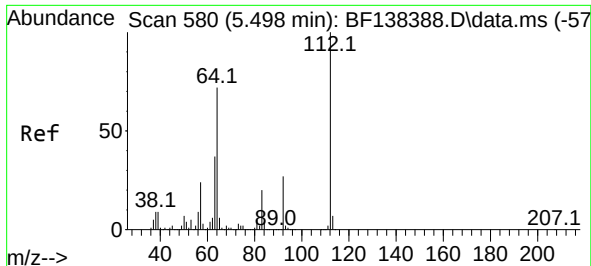
Ion Ratio Lower Upper

42 100

74 110.1 85.1 127.7

44 8.0 5.5 8.3

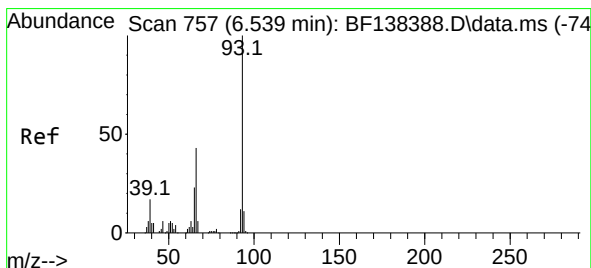
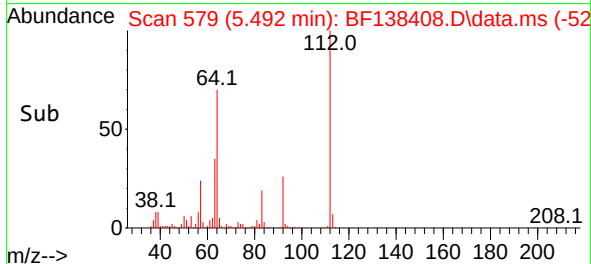
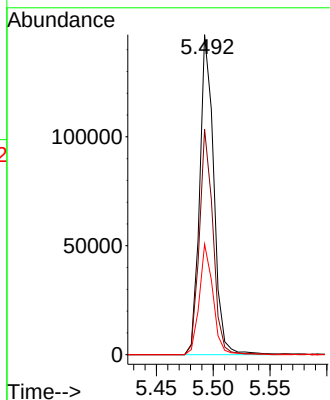
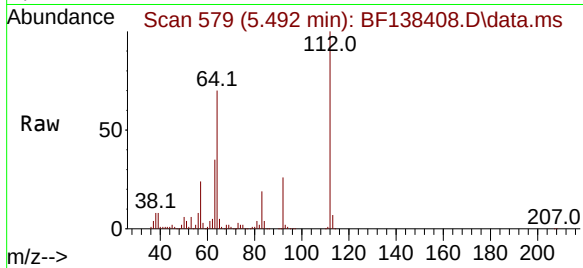




#5
2-Fluorophenol
Concen: 12.258 ng
RT: 5.492 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

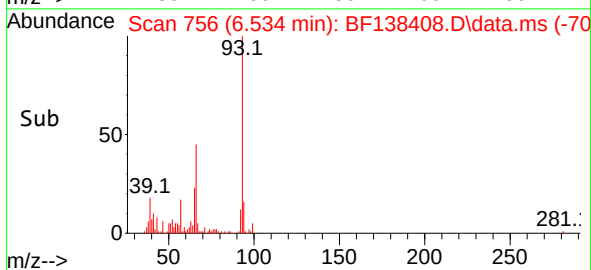
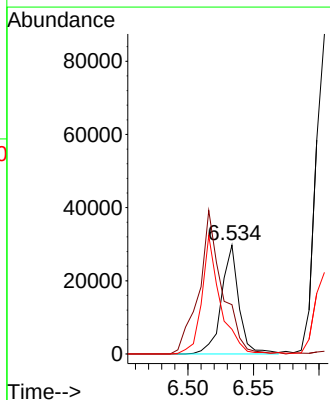
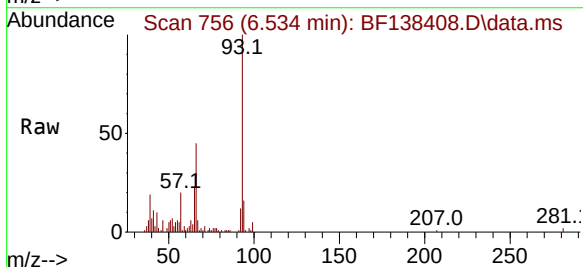
Instrument :
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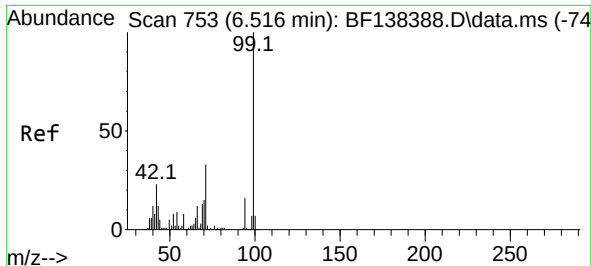
Tgt Ion:112 Resp: 127157
Ion Ratio Lower Upper
112 100
64 70.4 57.2 85.8
63 34.5 29.4 44.0



#6
Aniline
Concen: 2.019 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 93 Resp: 27538
Ion Ratio Lower Upper
93 100
66 45.2 34.7 52.1
65 22.6 18.5 27.7





#7

Phenol-d6

Concen: 12.444 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

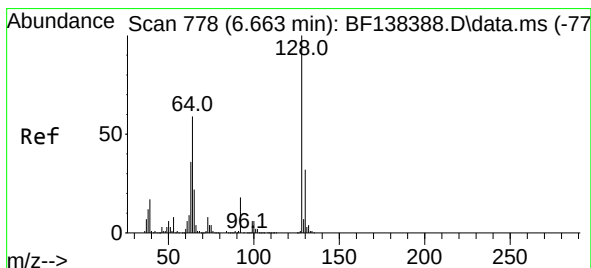
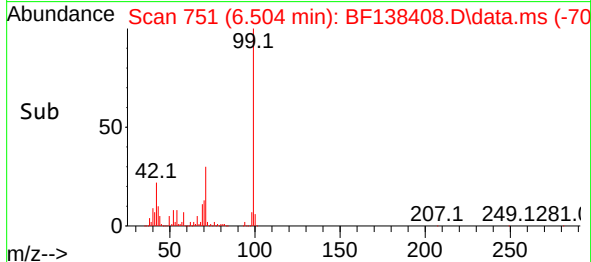
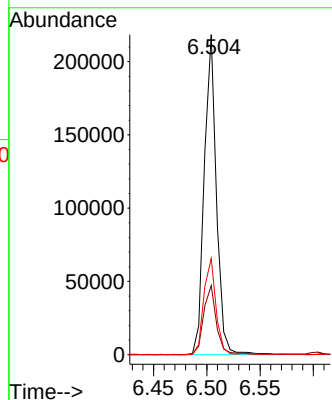
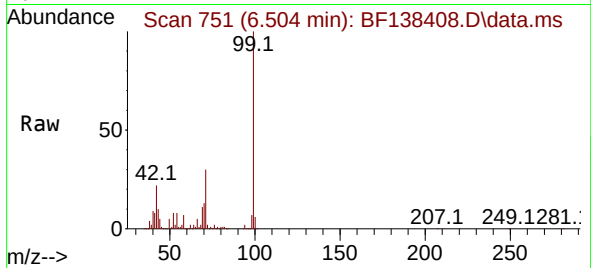
BNA_F

ClientSampleId :

VNJ-325MSD

Tgt Ion: 99 Resp: 173892

Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.5	27.7
71	30.1	26.1	39.1



#8

2-Chlorophenol

Concen: 5.995 ng

RT: 6.657 min Scan# 777

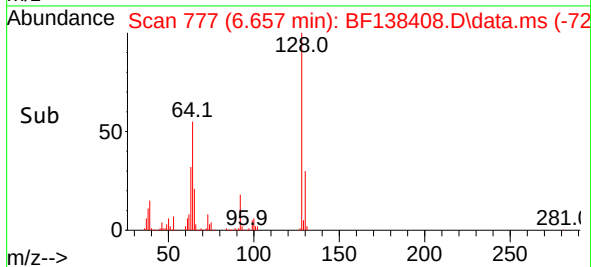
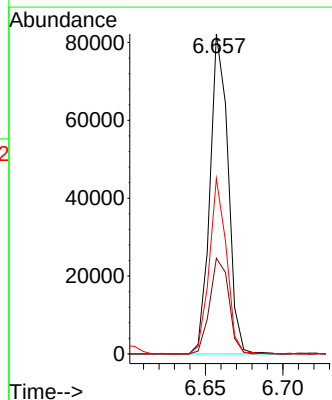
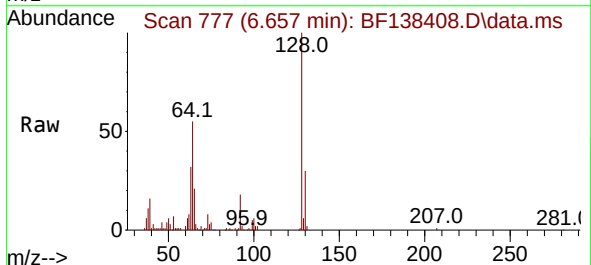
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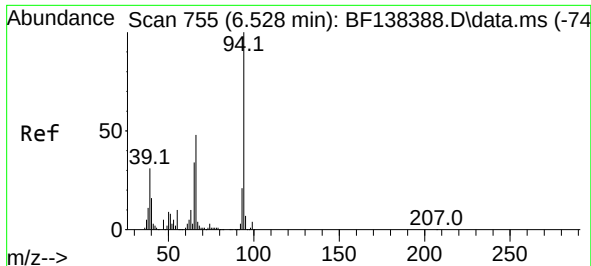
Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Tgt Ion:128 Resp: 66759

Ion	Ratio	Lower	Upper
128	100		
130	29.9	12.3	52.3
64	54.9	39.6	79.6

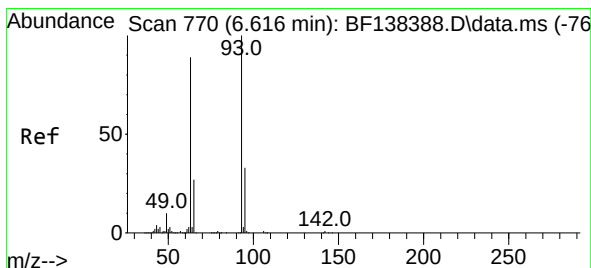
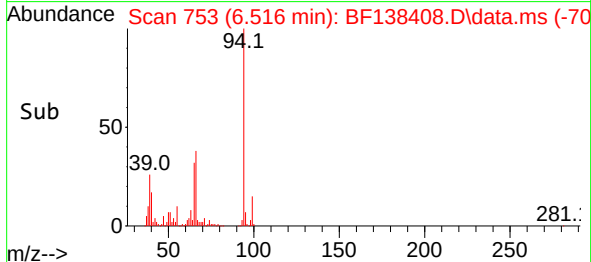
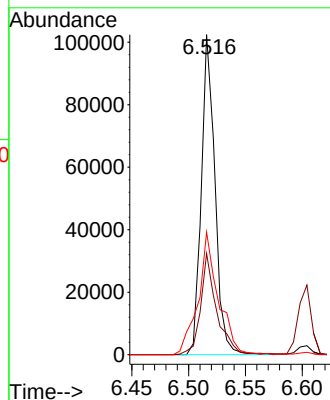
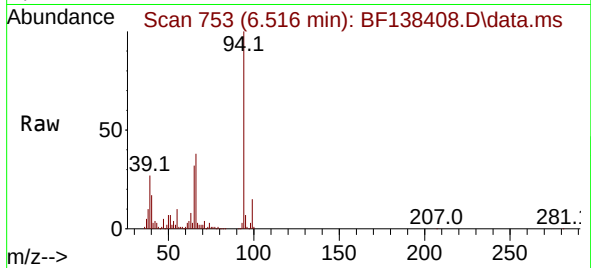




#10
Phenol
Concen: 5.768 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

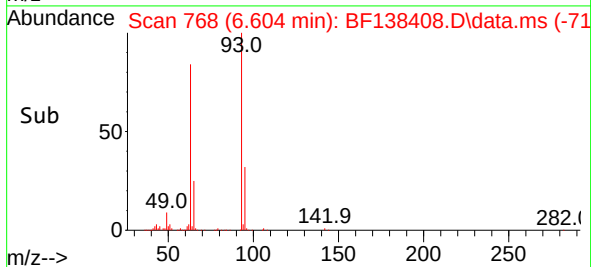
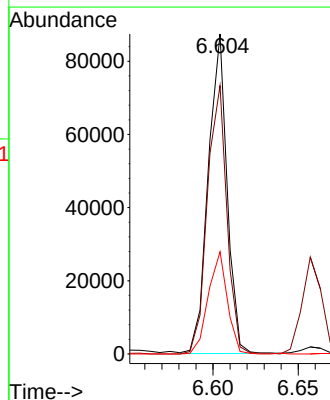
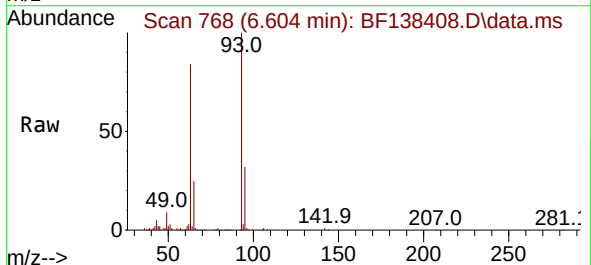
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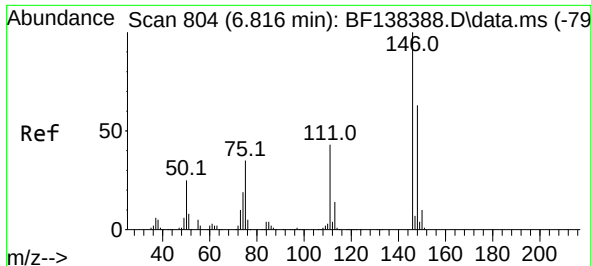
Tgt Ion: 94 Resp: 85875
Ion Ratio Lower Upper
94 100
65 31.6 14.2 54.2
66 38.3 27.9 67.9



#11
bis(2-Chloroethyl)ether
Concen: 5.734 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 93 Resp: 67048
Ion Ratio Lower Upper
93 100
63 83.8 68.2 108.2
95 31.9 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 5.509 ng

RT: 6.810 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

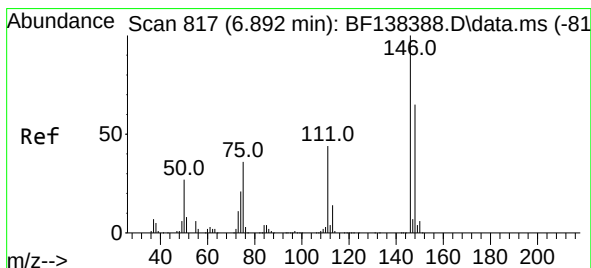
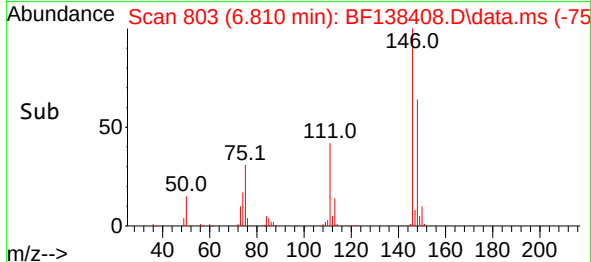
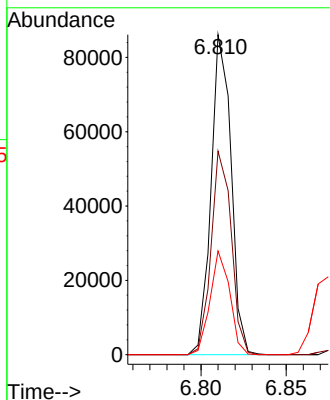
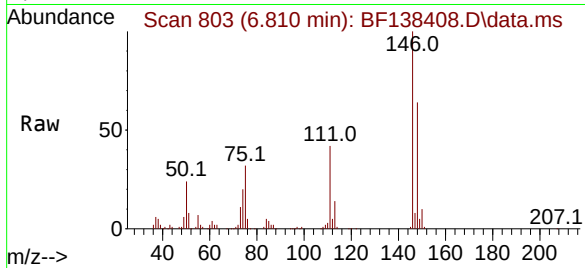
Tgt Ion:146 Resp: 70253

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

75 32.4 27.8 41.6



#13

1,4-Dichlorobenzene

Concen: 5.503 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

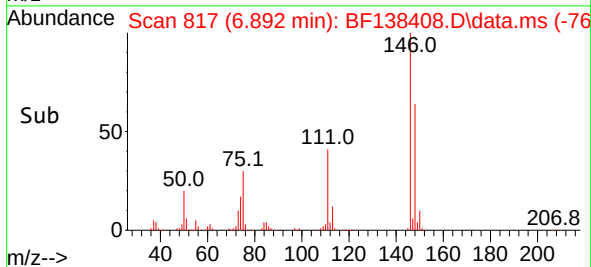
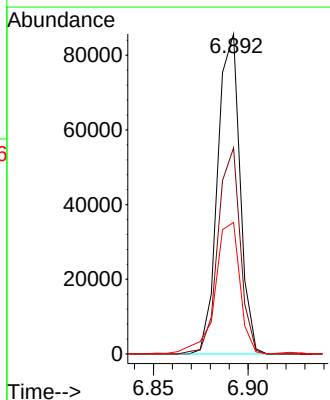
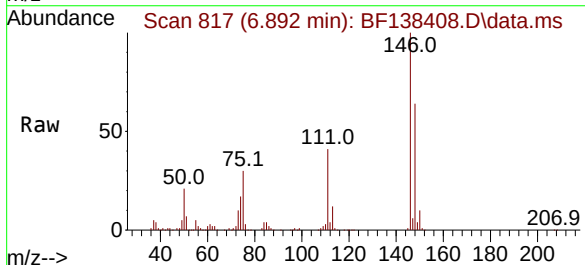
Tgt Ion:146 Resp: 70366

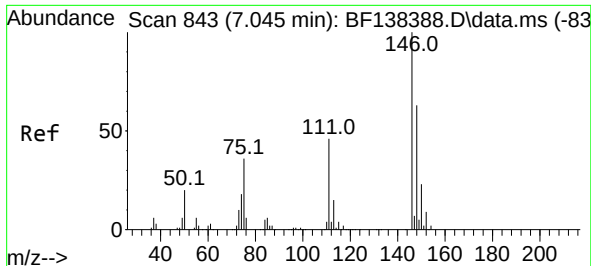
Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

111 41.1 35.4 53.0

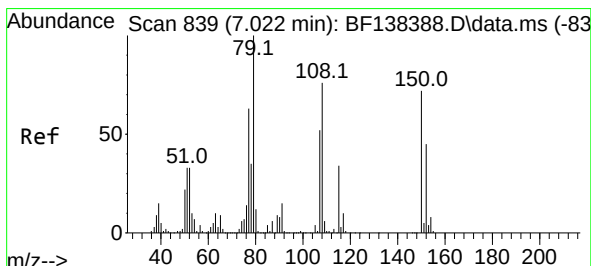
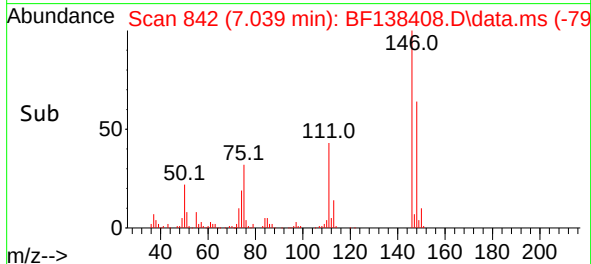
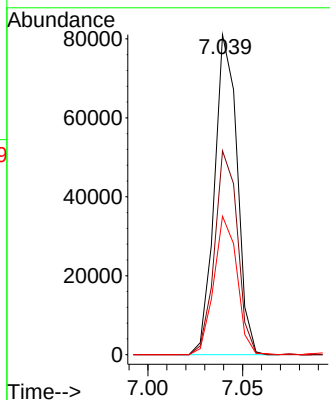
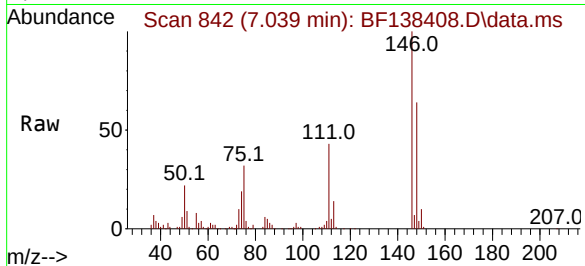




#14
1,2-Dichlorobenzene
Concen: 5.732 ng
RT: 7.039 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

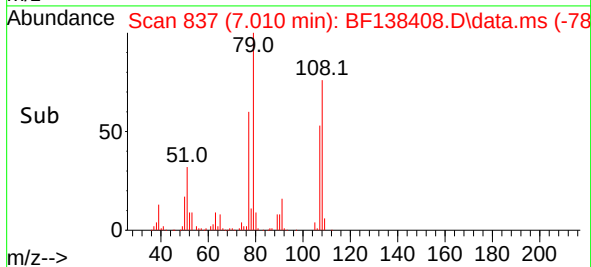
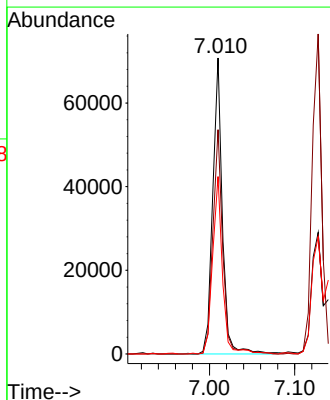
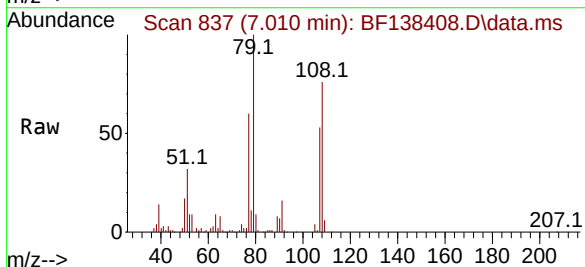
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

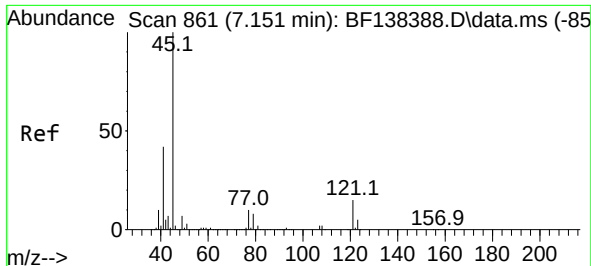
Tgt Ion:146 Resp: 67666
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
111 43.3 37.1 55.7



#15
Benzyl Alcohol
Concen: 5.582 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 79 Resp: 55871
Ion Ratio Lower Upper
79 100
108 75.8 60.9 91.3
77 59.9 50.6 75.8

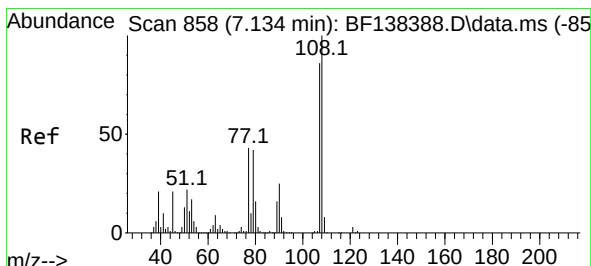
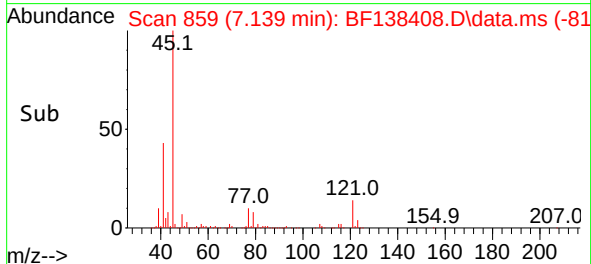
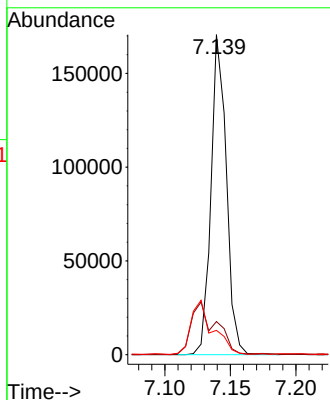
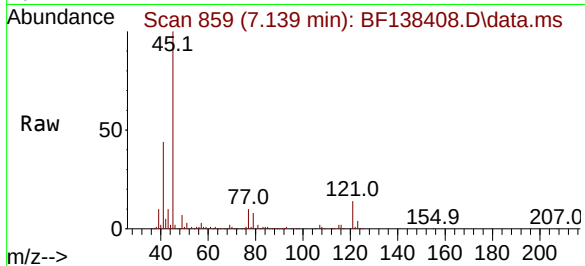




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.899 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

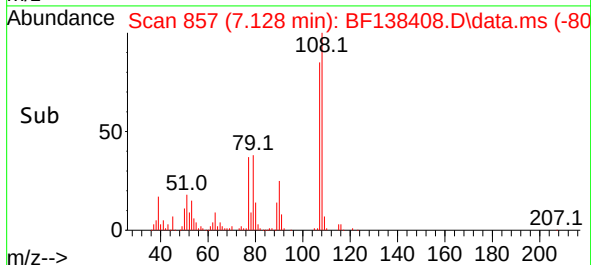
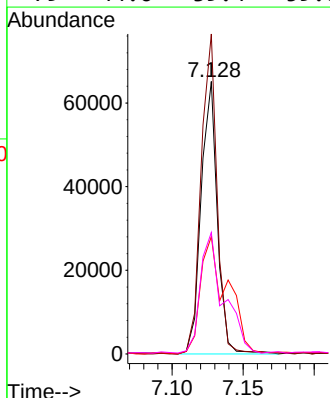
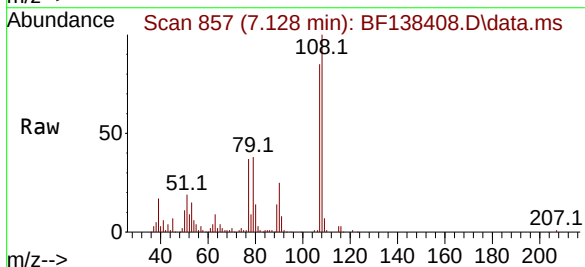
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

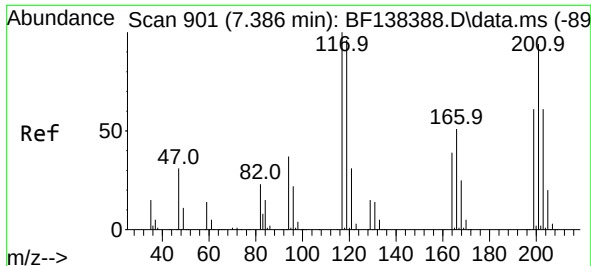
Tgt Ion: 45 Resp: 139131
Ion Ratio Lower Upper
45 100
77 10.3 0.0 30.4
79 7.6 0.0 28.1



#17
2-Methylphenol
Concen: 5.635 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

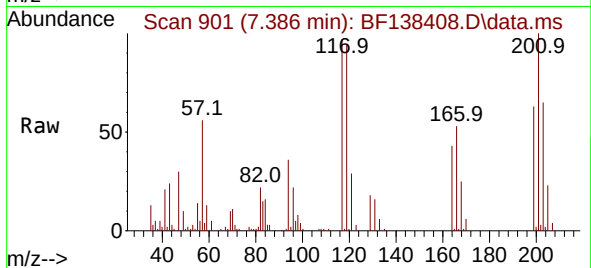
Tgt Ion:107 Resp: 52007
Ion Ratio Lower Upper
107 100
108 117.4 92.6 138.8
77 43.0 40.3 60.5
79 44.6 39.4 59.0



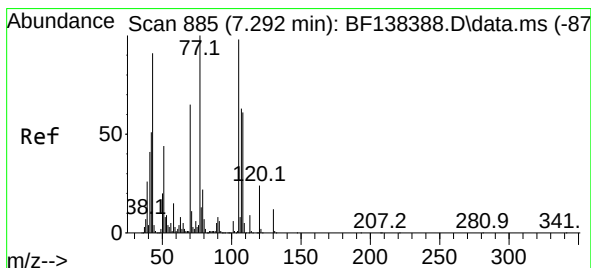
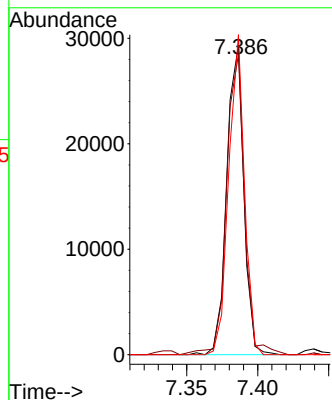
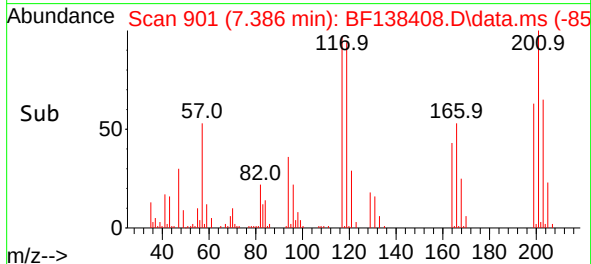


#18
Hexachloroethane
Concen: 5.315 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

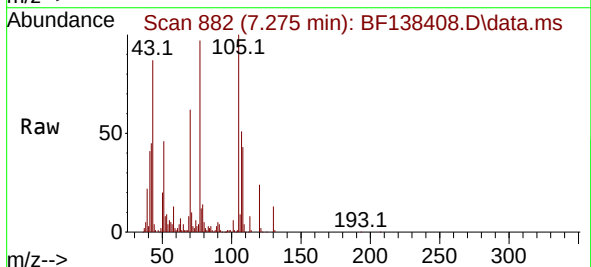
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD



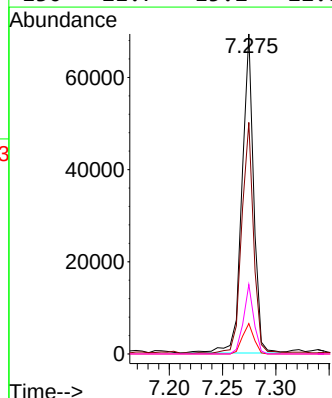
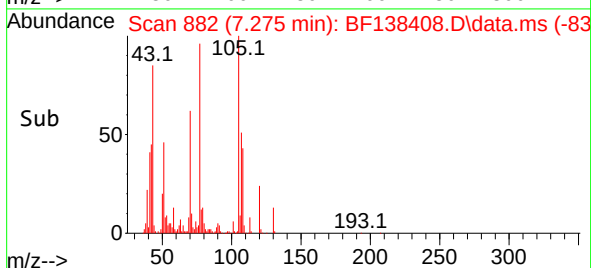
Tgt Ion:117 Resp: 24515
Ion Ratio Lower Upper
117 100
119 96.9 77.1 115.7
201 103.3 75.6 113.4

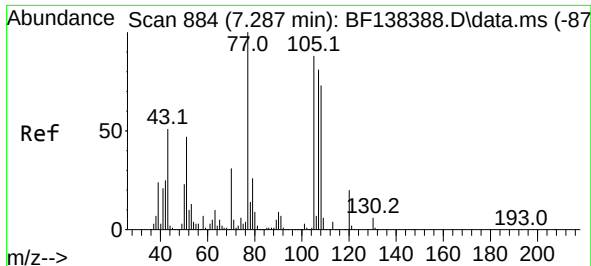


#19
n-Nitroso-di-n-propylamine
Concen: 6.034 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.018 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35



Tgt Ion: 70 Resp: 53155
Ion Ratio Lower Upper
70 100
42 72.3 62.5 93.7
101 9.5 7.0 10.4
130 21.7 15.2 22.8

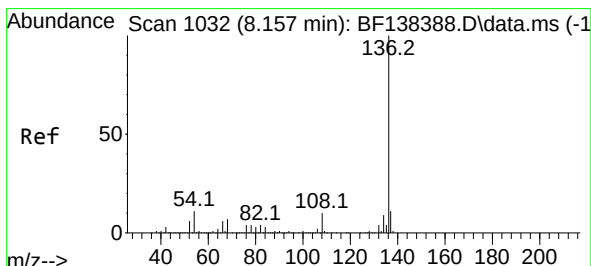
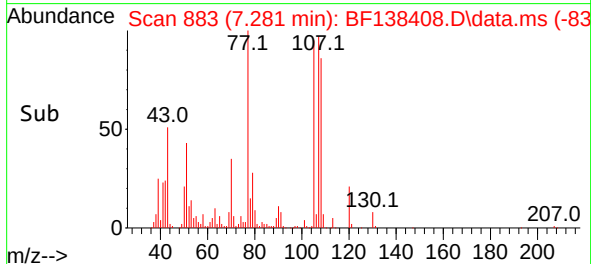
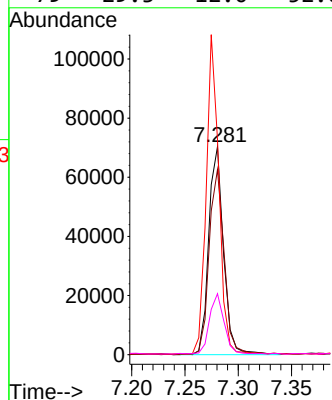
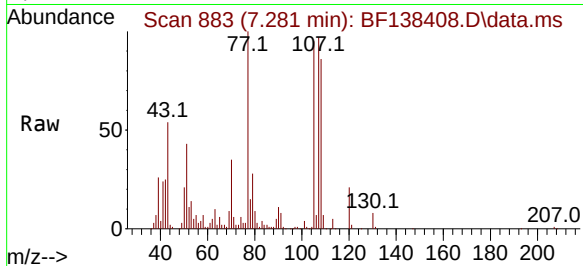




#20
3+4-Methylphenols
Concen: 6.355 ng
RT: 7.281 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

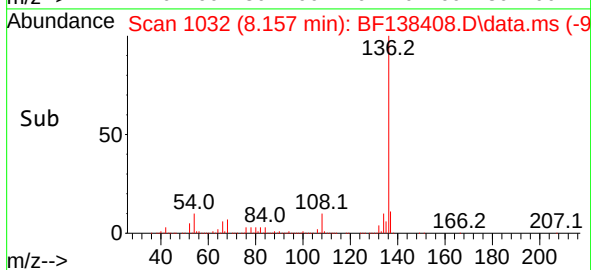
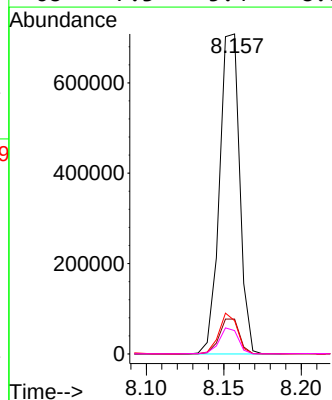
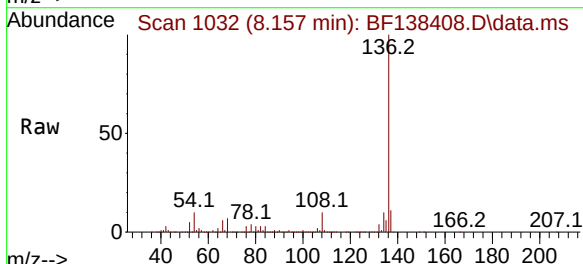
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

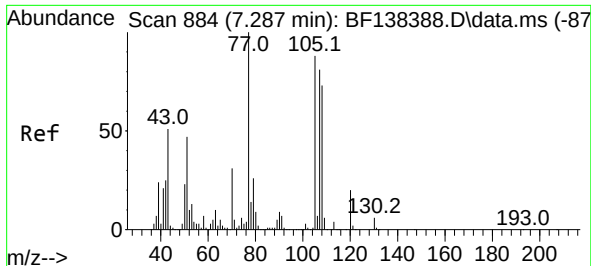
Tgt Ion:107 Resp: 68144
Ion Ratio Lower Upper
107 100
108 89.0 70.8 110.8
77 103.5 104.0 144.0#
79 29.3 12.0 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:136 Resp: 640603
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.4 9.0 13.4
68 7.3 5.4 8.0

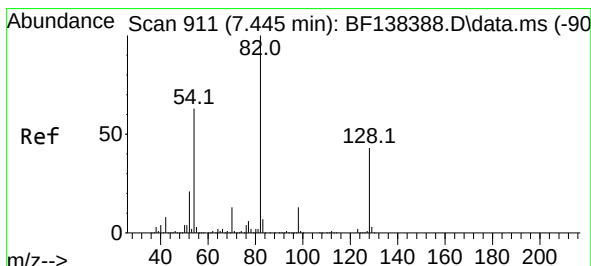
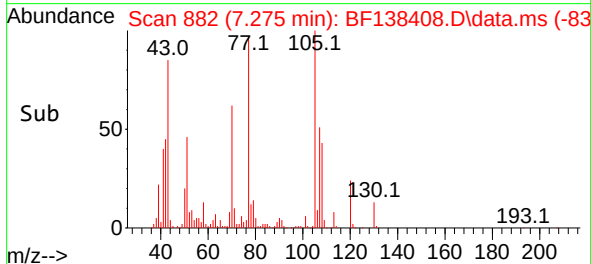
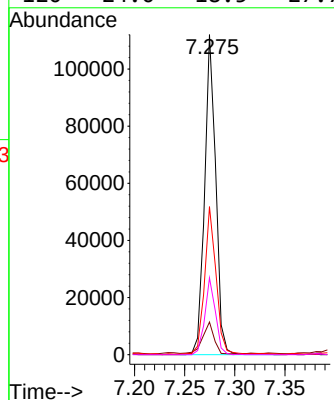
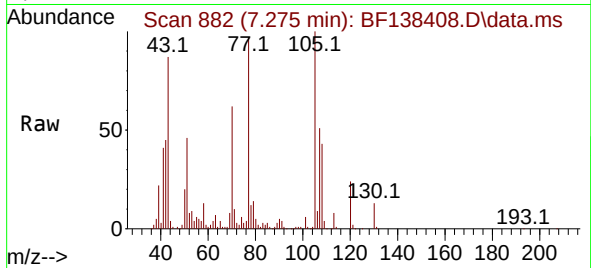




#22
Acetophenone
Concen: 5.996 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

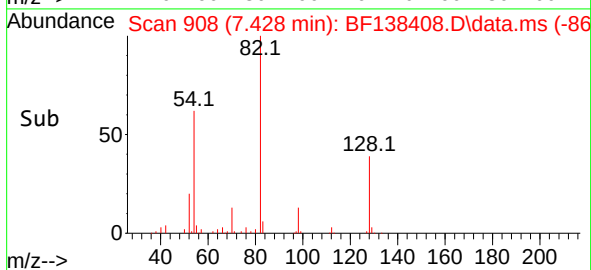
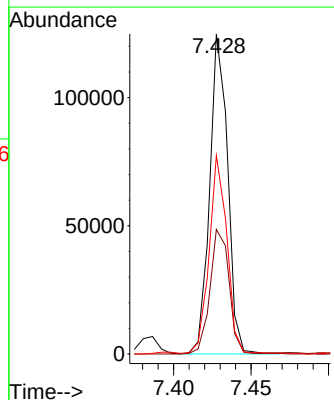
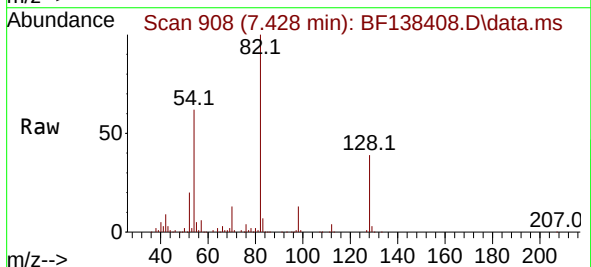
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

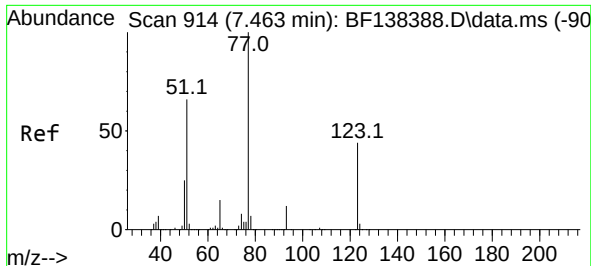
Tgt Ion:105 Resp: 87137
Ion Ratio Lower Upper
105 100
71 10.2 4.7 7.1#
51 46.3 43.2 64.8
120 24.0 18.5 27.7



#23
Nitrobenzene-d5
Concen: 8.171 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.018 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 82 Resp: 100764
Ion Ratio Lower Upper
82 100
128 38.9 34.6 52.0
54 62.0 50.5 75.7

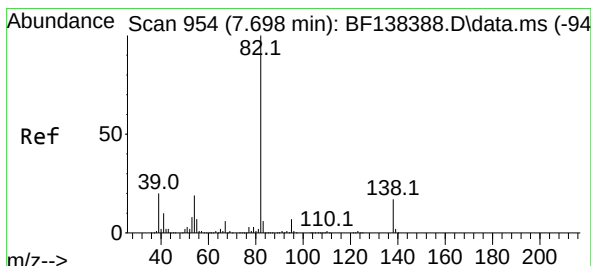
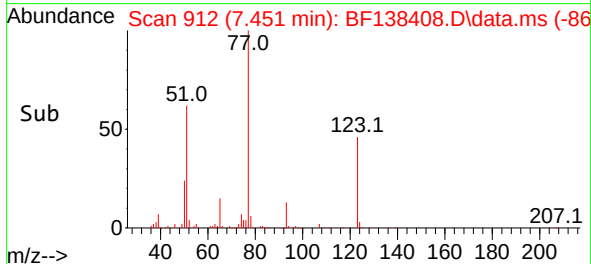
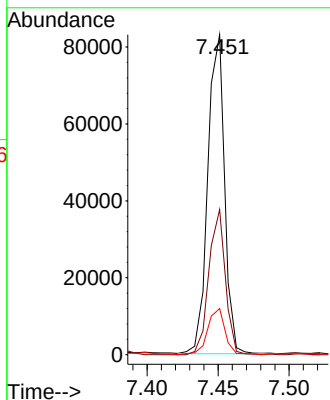
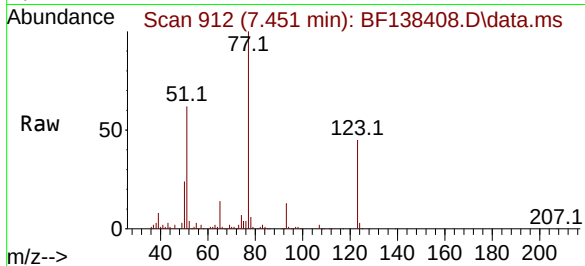




#24
Nitrobenzene
Concen: 5.427 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

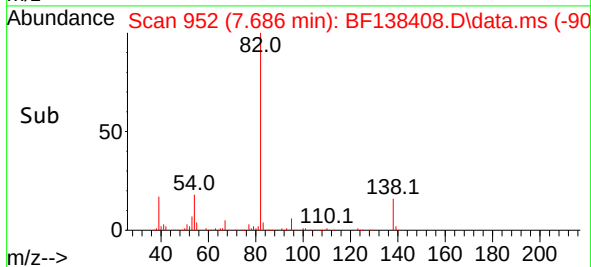
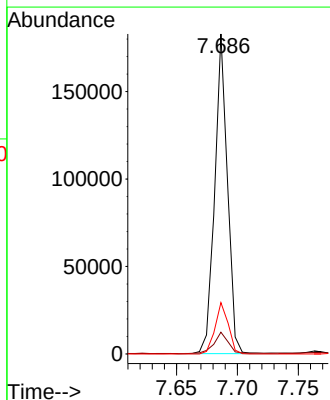
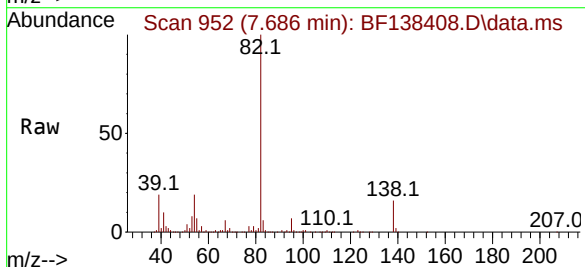
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ClientSampleId :
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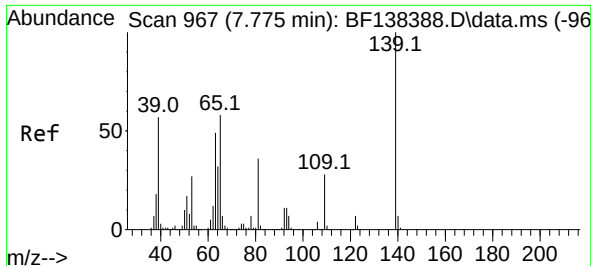
Tgt Ion: 77 Resp: 68068
Ion Ratio Lower Upper
77 100
123 45.3 35.0 52.6
65 14.4 12.1 18.1



#25
Isophorone
Concen: 5.832 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 82 Resp: 132617
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 16.1 13.4 20.2

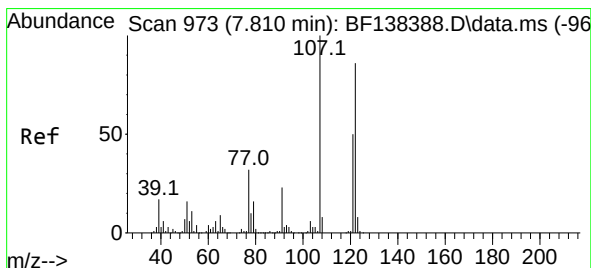
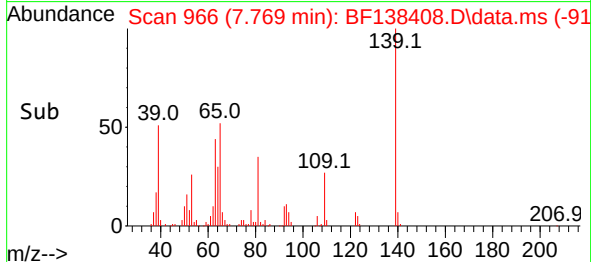
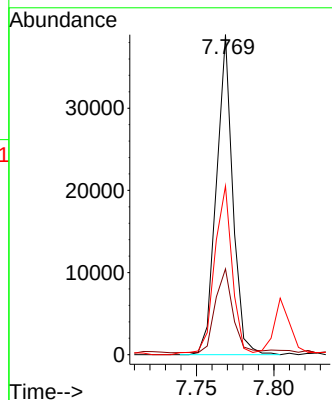
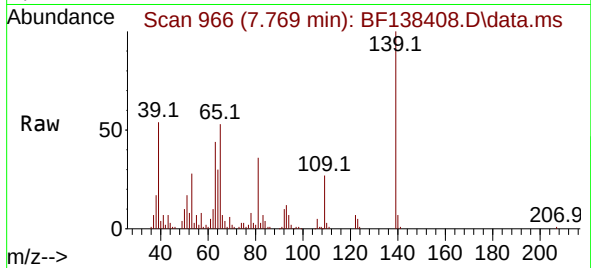




#26
2-Nitrophenol
Concen: 5.302 ng
RT: 7.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

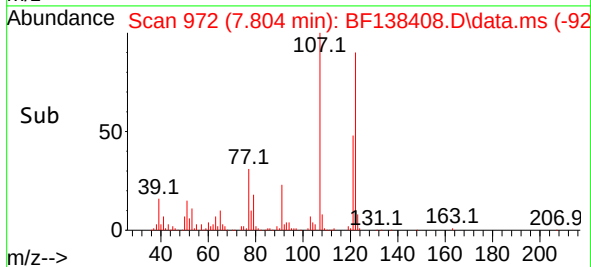
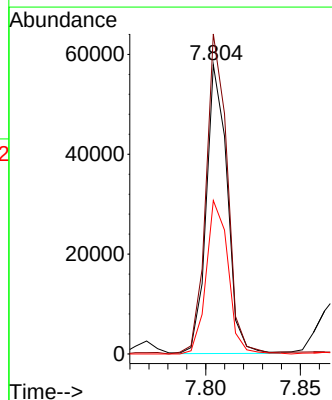
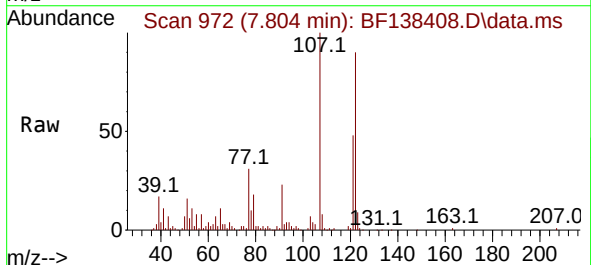
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

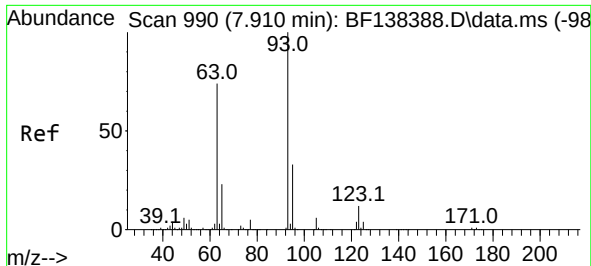
Tgt Ion:139 Resp: 28683
Ion Ratio Lower Upper
139 100
109 26.8 22.5 33.7
65 52.7 46.2 69.2



#27
2,4-Dimethylphenol
Concen: 6.409 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:122 Resp: 44378
Ion Ratio Lower Upper
122 100
107 110.7 92.5 138.7
121 53.1 46.5 69.7

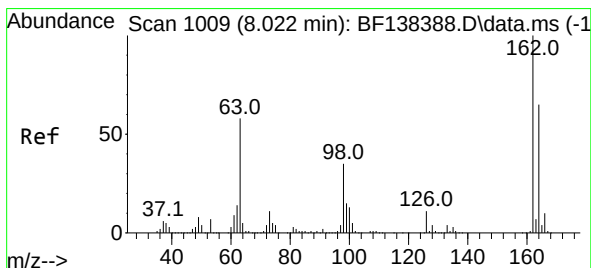
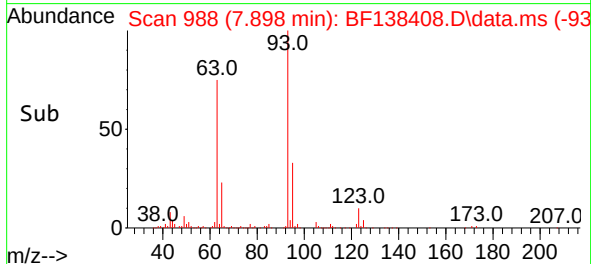
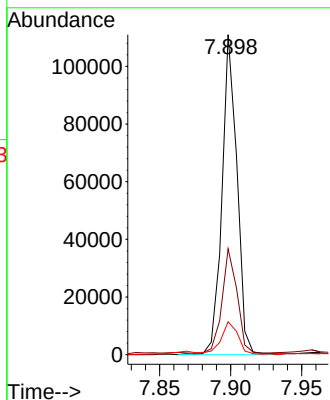
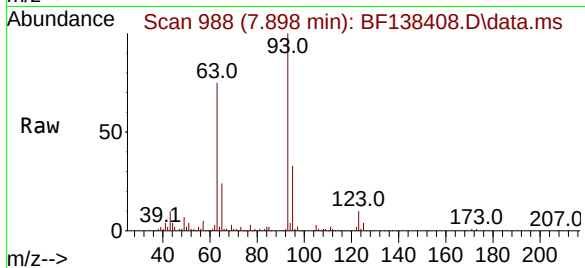




#28
bis(2-Chloroethoxy)methane
Concen: 5.937 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

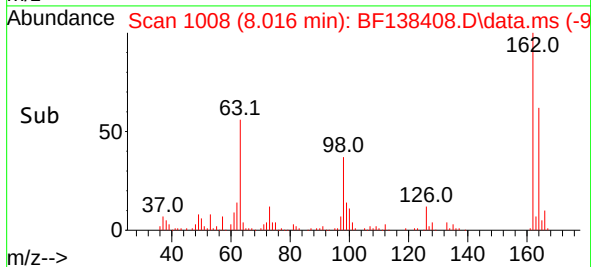
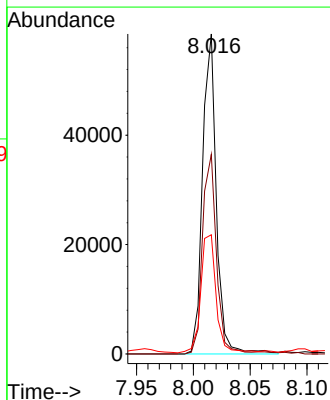
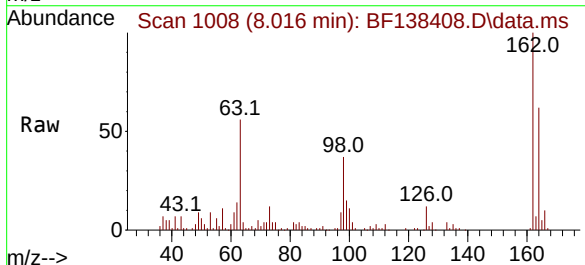
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

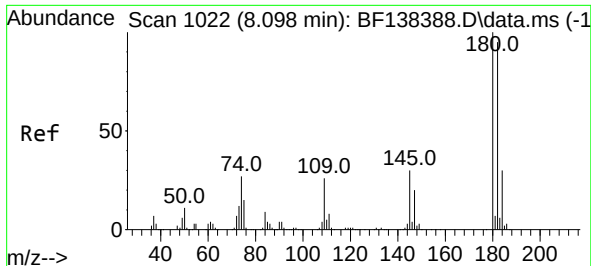
Tgt Ion: 93 Resp: 81260
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 10.3 9.6 14.4



#29
2,4-Dichlorophenol
Concen: 5.563 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion: 162 Resp: 49470
Ion Ratio Lower Upper
162 100
164 62.4 45.4 85.4
98 37.3 15.2 55.2

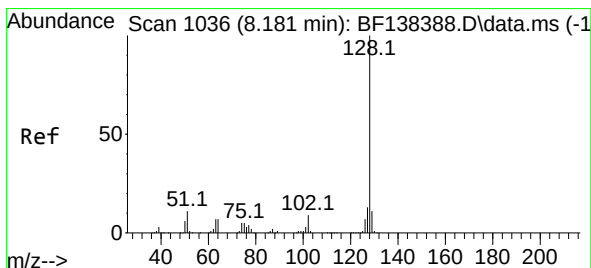
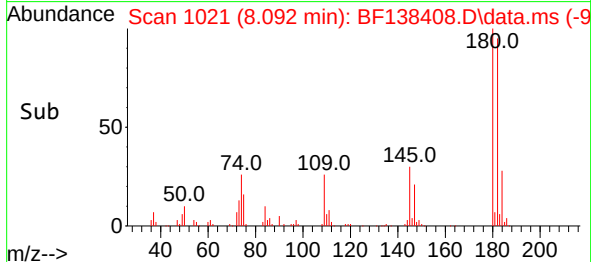
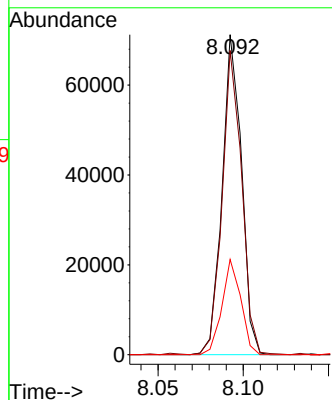
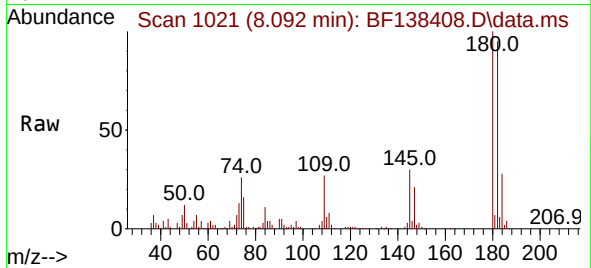




#30
1,2,4-Trichlorobenzene
Concen: 5.462 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

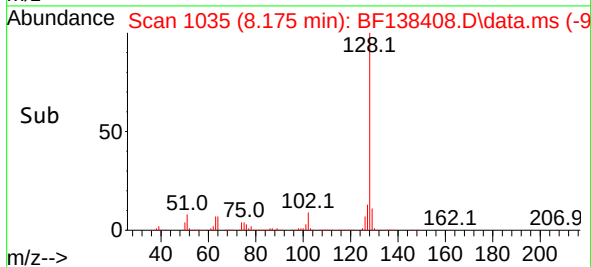
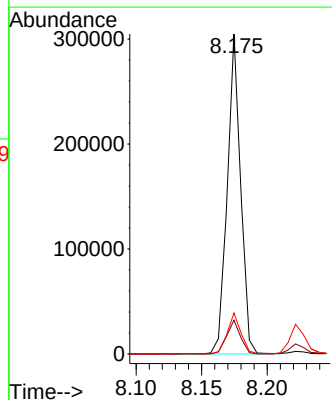
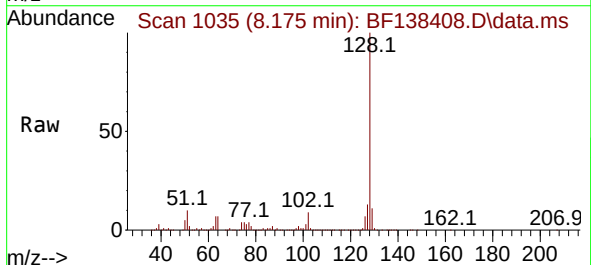
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

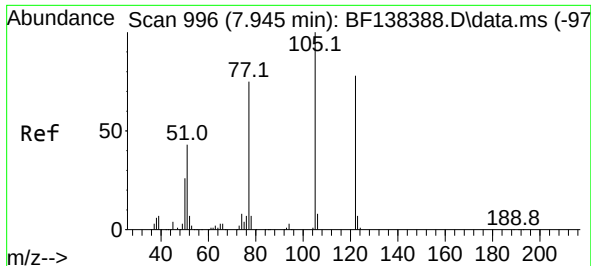
Tgt Ion:180 Resp: 56481
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 29.7 24.2 36.2



#31
Naphthalene
Concen: 6.643 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:128 Resp: 215128
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 12.8 10.6 16.0

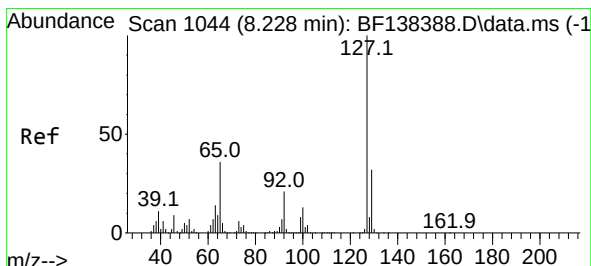
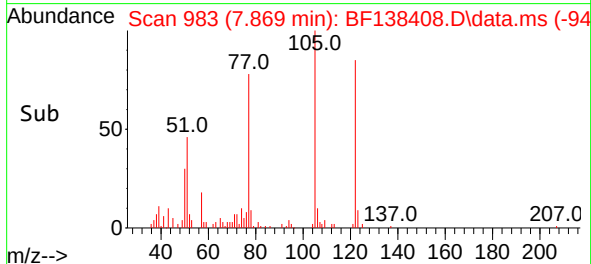
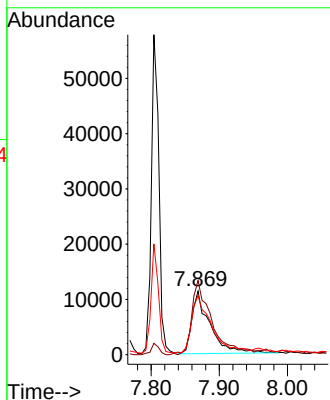
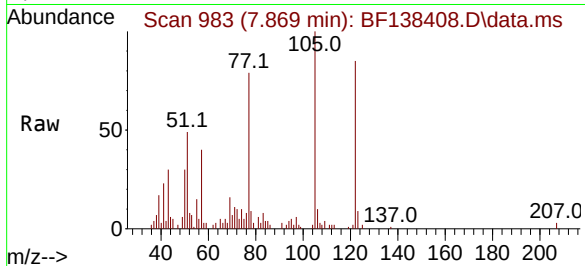




#32
Benzoic acid
Concen: 7.081 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.076 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

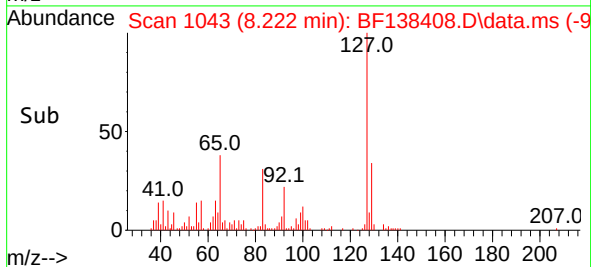
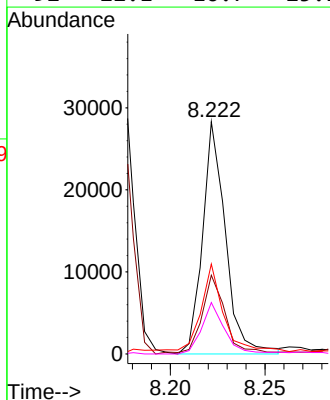
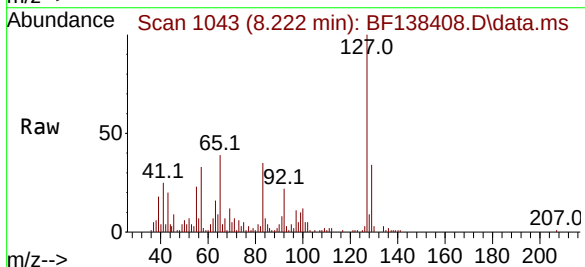
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

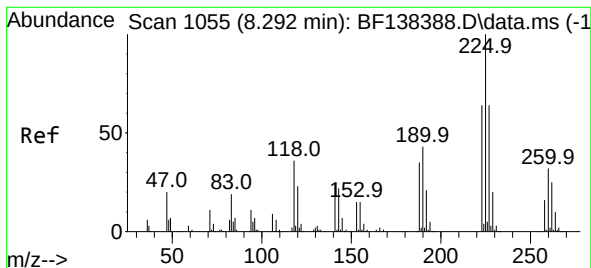
Tgt Ion:122 Resp: 20631
Ion Ratio Lower Upper
122 100
105 117.0 103.8 143.8
77 92.9 74.3 114.3



#33
4-Chloroaniline
Concen: 2.109 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:127 Resp: 23857
Ion Ratio Lower Upper
127 100
129 33.9 25.4 38.2
65 38.7 28.7 43.1
92 22.1 16.7 25.1





#34

Hexachlorobutadiene

Concen: 5.165 ng

RT: 8.292 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

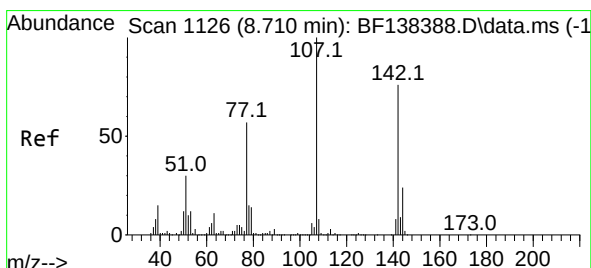
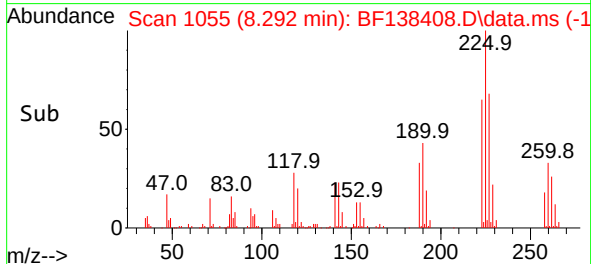
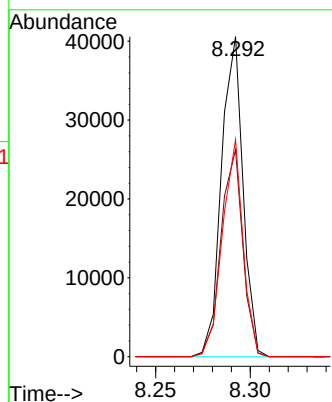
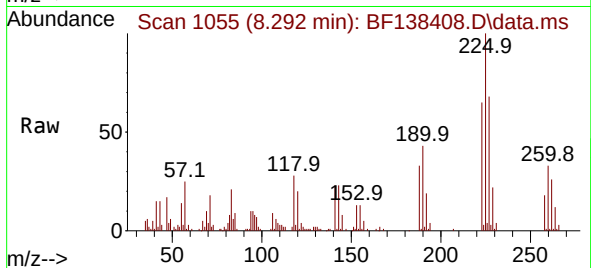
Tgt Ion:225 Resp: 32064

Ion Ratio Lower Upper

225 100

223 64.6 51.0 76.6

227 67.8 51.2 76.8



#36

4-Chloro-3-methylphenol

Concen: 5.713 ng

RT: 8.704 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

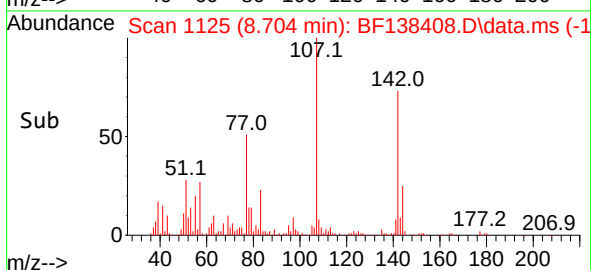
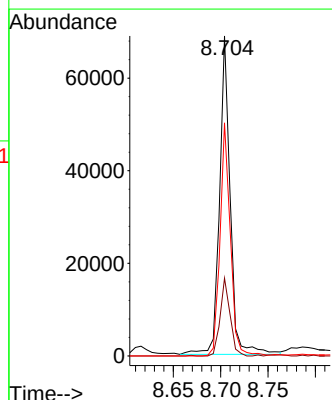
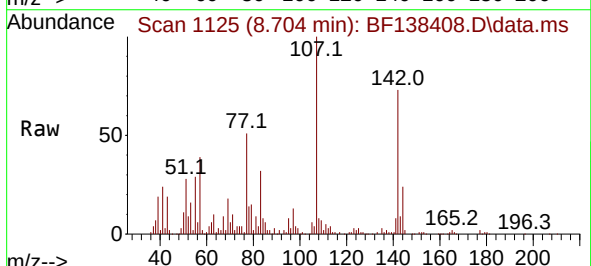
Tgt Ion:107 Resp: 54121

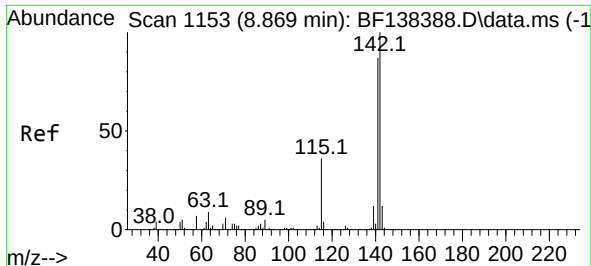
Ion Ratio Lower Upper

107 100

144 24.3 19.2 28.8

142 72.8 61.0 91.6





#37

2-Methylnaphthalene

Concen: 6.344 ng

RT: 8.863 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

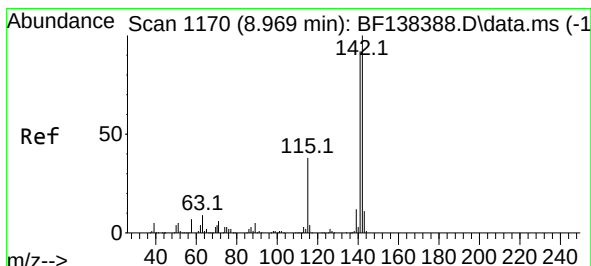
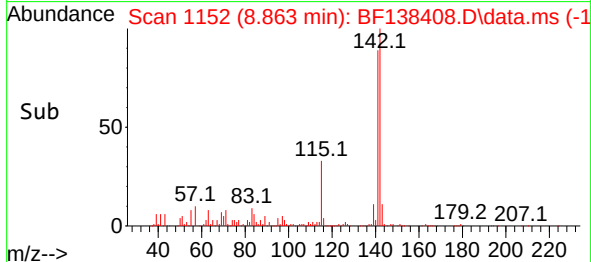
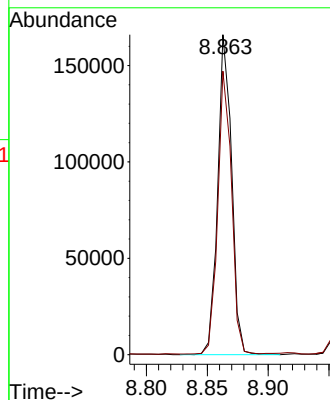
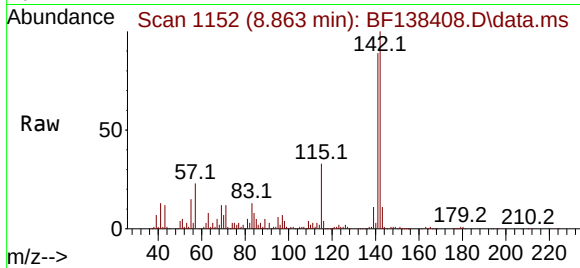
VNJ-325MSD

Tgt Ion:142 Resp: 132787

Ion Ratio Lower Upper

142 100

141 88.6 69.6 104.4



#38

1-Methylnaphthalene

Concen: 5.771 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF138408.D

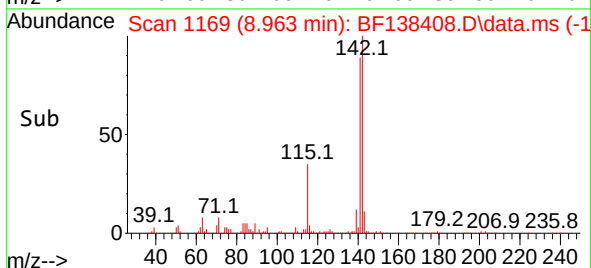
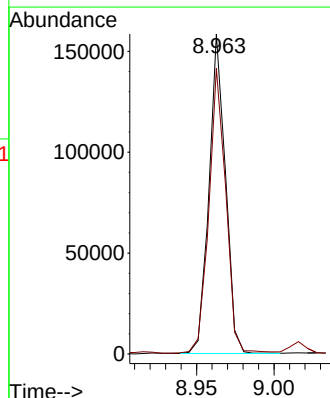
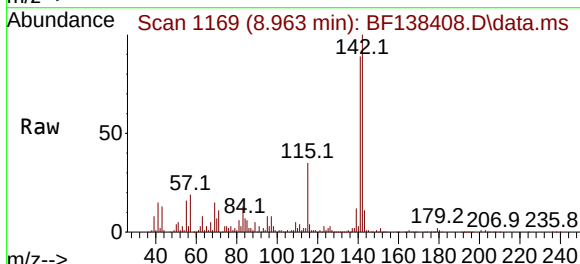
Acq: 01 Jul 2024 17:35

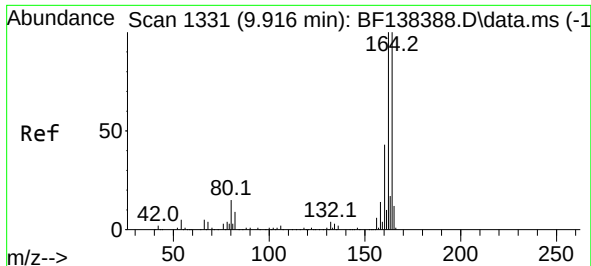
Tgt Ion:142 Resp: 117133

Ion Ratio Lower Upper

142 100

141 89.3 73.7 110.5

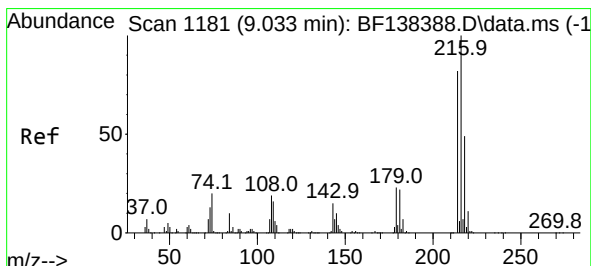
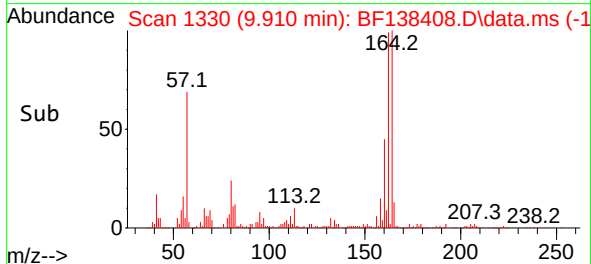
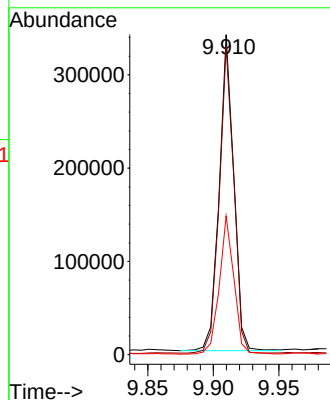
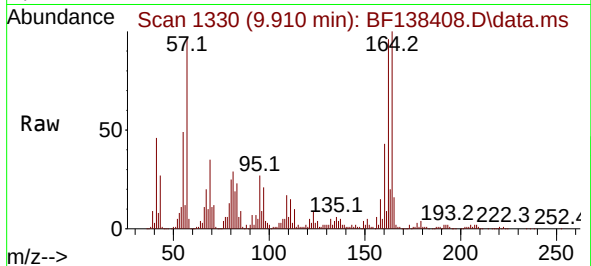




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

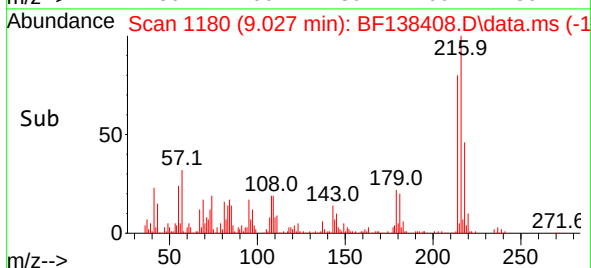
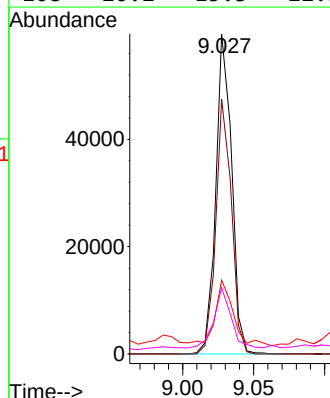
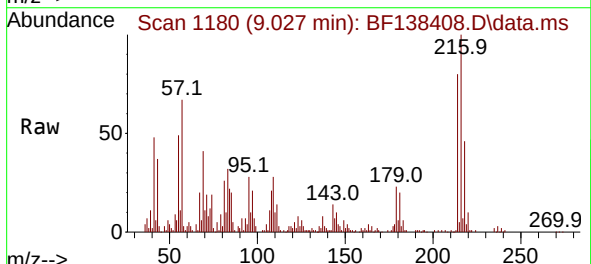
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

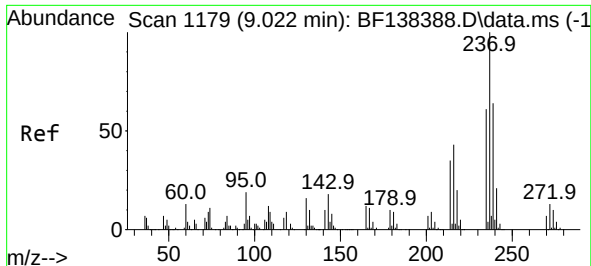
Tgt Ion:164 Resp: 261372
Ion Ratio Lower Upper
164 100
162 96.3 80.1 120.1
160 43.4 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.394 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:216 Resp: 46226
Ion Ratio Lower Upper
216 100
214 78.1 64.2 96.4
179 23.2 17.4 26.0
108 20.2 15.3 22.9

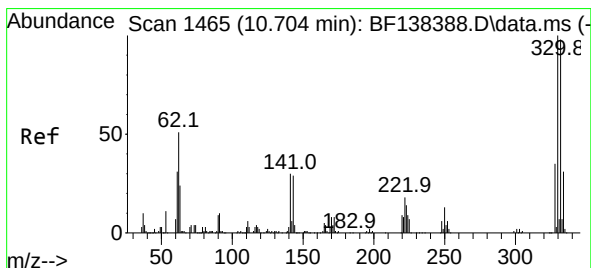
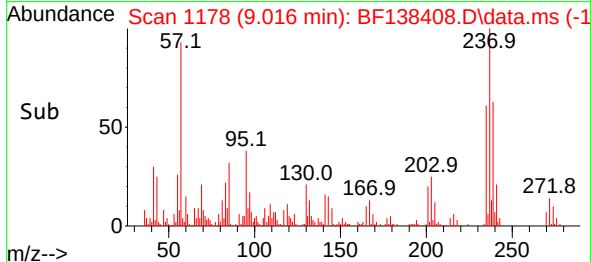
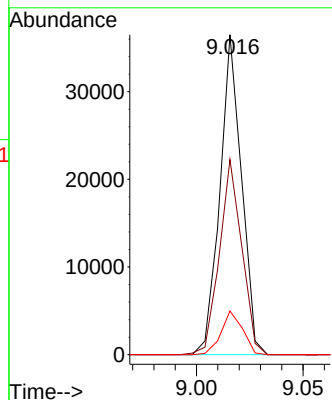
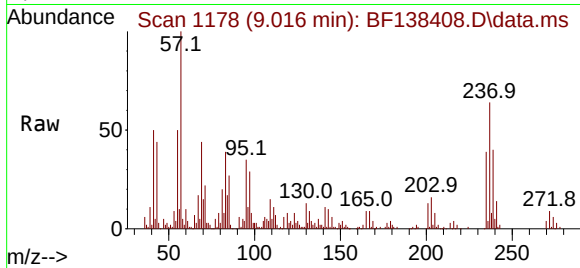




#41
Hexachlorocyclopentadiene
Concen: 12.069 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

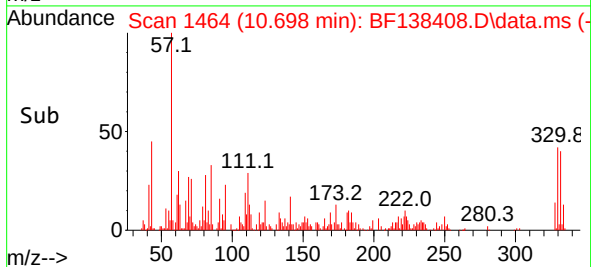
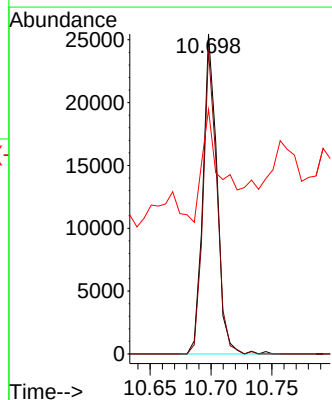
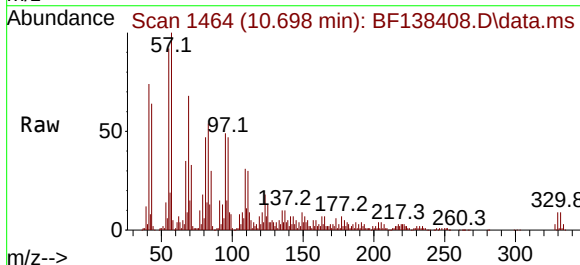
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

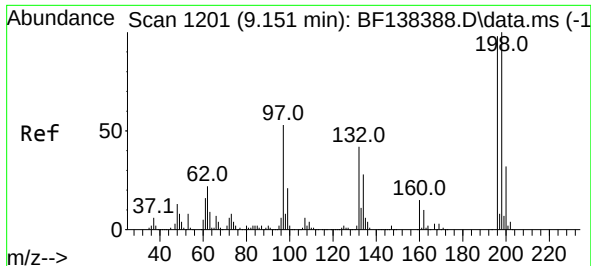
Tgt Ion:237 Resp: 25684
Ion Ratio Lower Upper
237 100
235 61.0 41.4 81.4
272 13.6 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 9.499 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:330 Resp: 20284
Ion Ratio Lower Upper
330 100
332 93.9 77.0 115.6
141 52.1 28.1 42.1#





#43

2,4,6-Trichlorophenol

Concen: 6.466 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

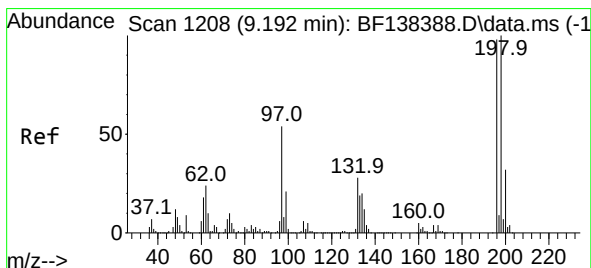
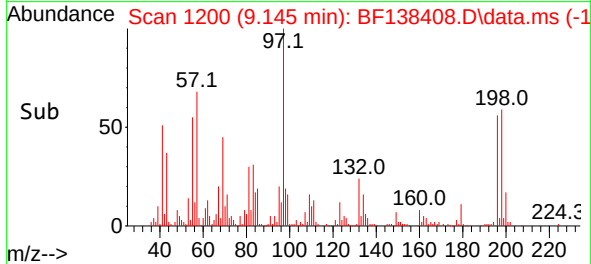
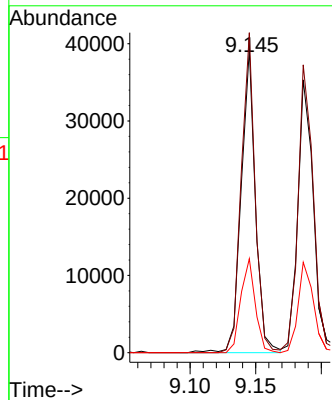
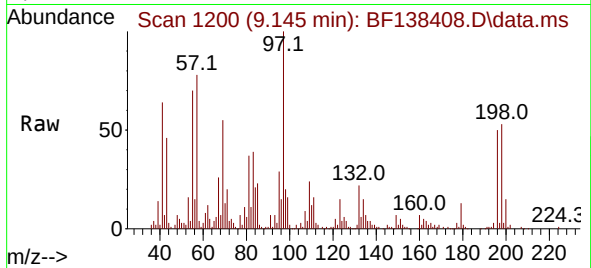
Tgt Ion:196 Resp: 29745

Ion Ratio Lower Upper

196 100

198 105.4 81.8 122.8

200 30.9 26.2 39.4



#44

2,4,5-Trichlorophenol

Concen: 5.994 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Tgt Ion:196 Resp: 29988

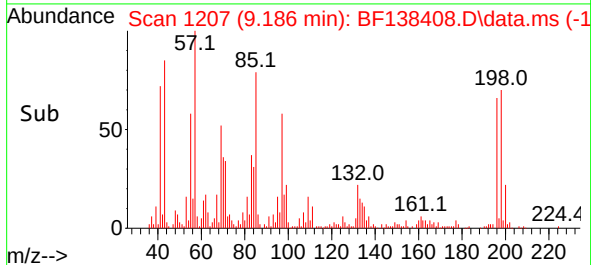
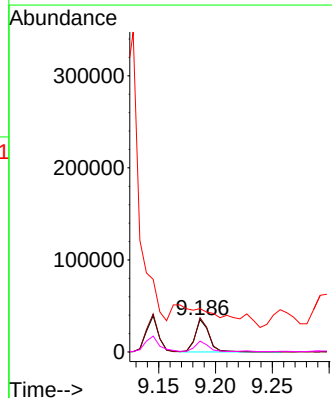
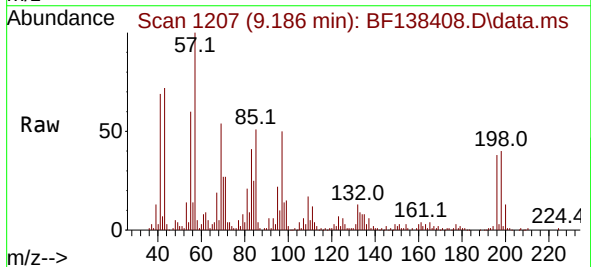
Ion Ratio Lower Upper

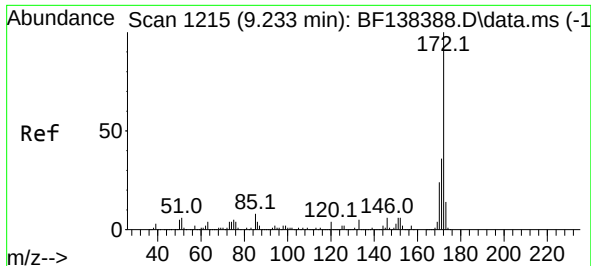
196 100

198 105.5 81.8 122.6

97 133.2 44.2 66.4#

132 33.7 23.4 35.0

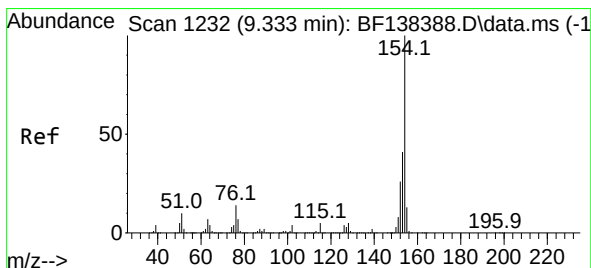
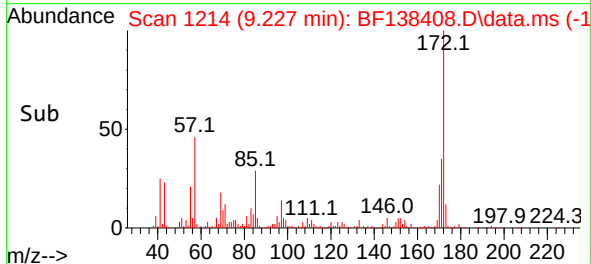
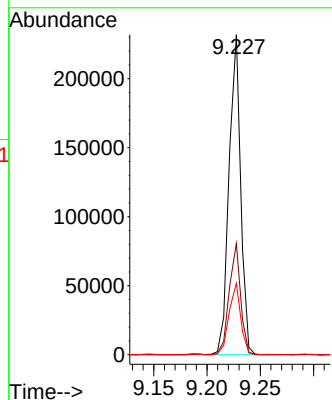
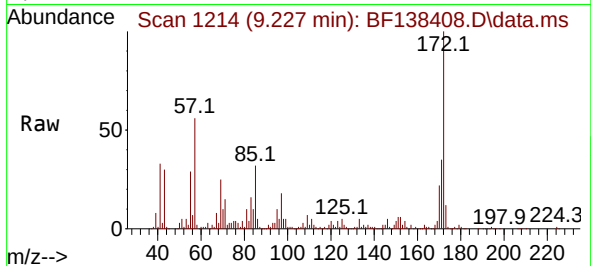




#45
2-Fluorobiphenyl
Concen: 10.672 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

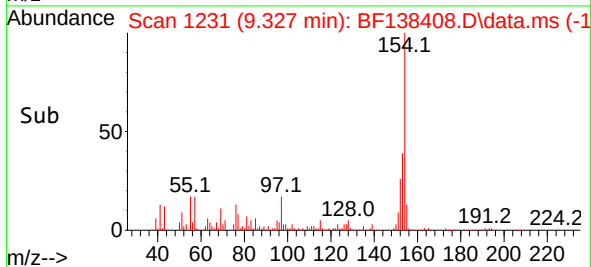
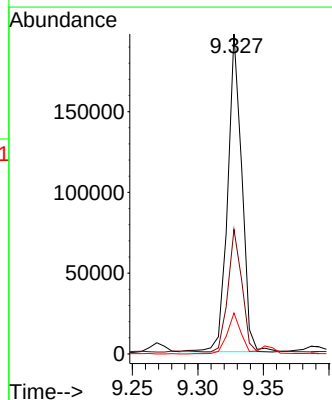
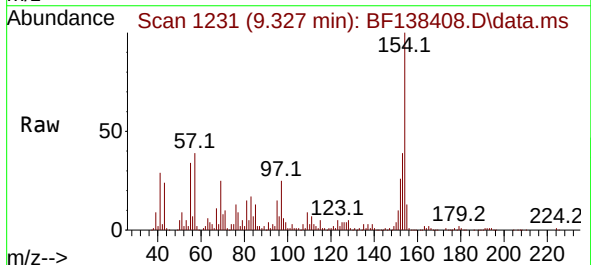
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

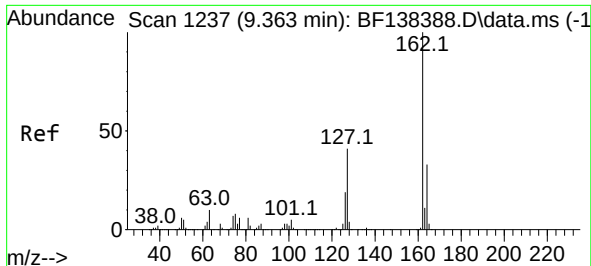
Tgt Ion:172 Resp: 175267
Ion Ratio Lower Upper
172 100
171 34.7 29.0 43.4
170 22.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 7.548 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:154 Resp: 147305
Ion Ratio Lower Upper
154 100
153 39.0 20.5 60.5
76 12.8 0.0 34.4





#47

2-Chloronaphthalene

Concen: 6.283 ng

RT: 9.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

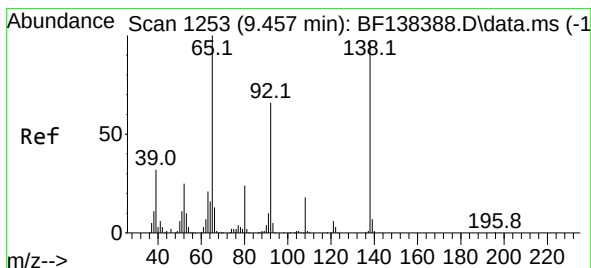
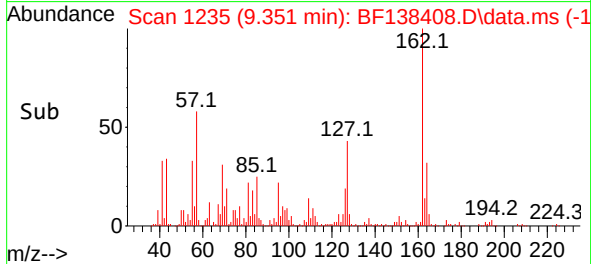
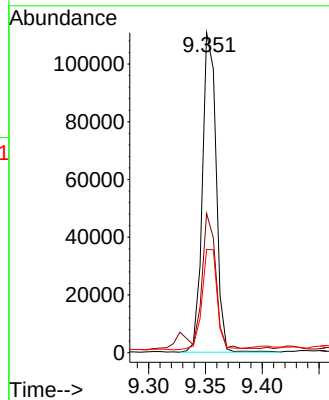
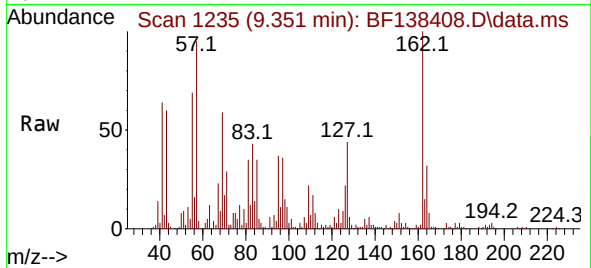
Tgt Ion:162 Resp: 93490

Ion Ratio Lower Upper

162 100

127 43.6 32.7 49.1

164 32.3 26.6 40.0



#48

2-Nitroaniline

Concen: 8.071 ng

RT: 9.445 min Scan# 1251

Delta R.T. -0.012 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

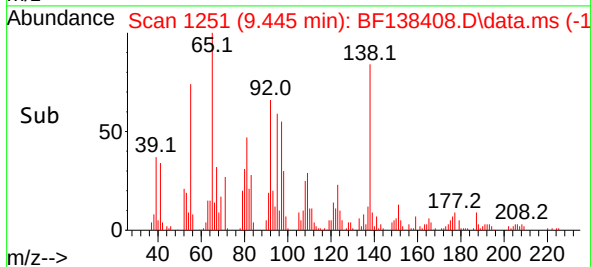
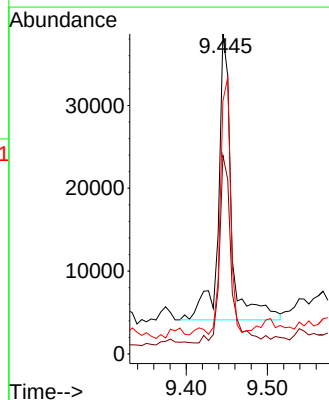
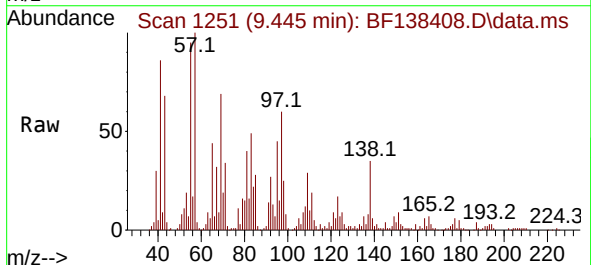
Tgt Ion: 65 Resp: 38738

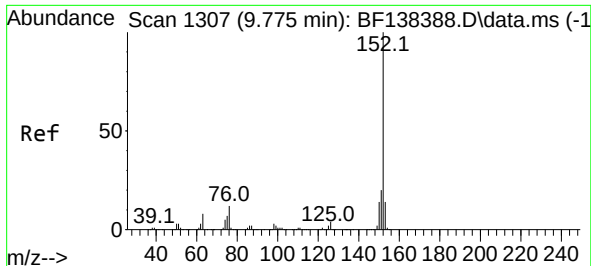
Ion Ratio Lower Upper

65 100

92 62.0 52.6 79.0

138 79.0 77.4 116.0

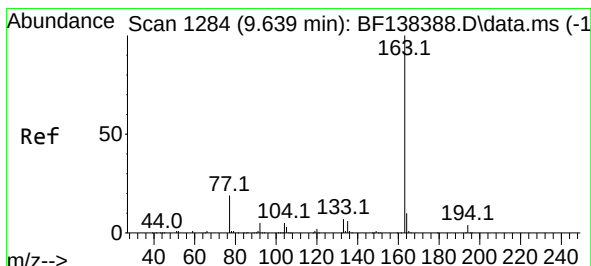
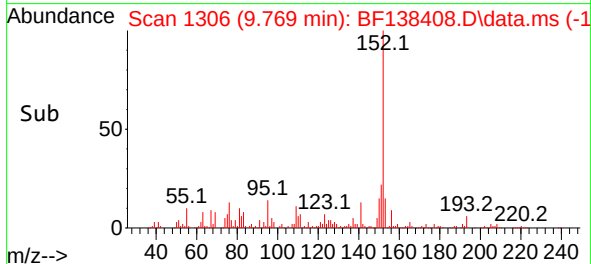
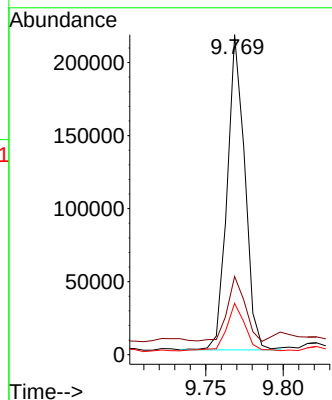
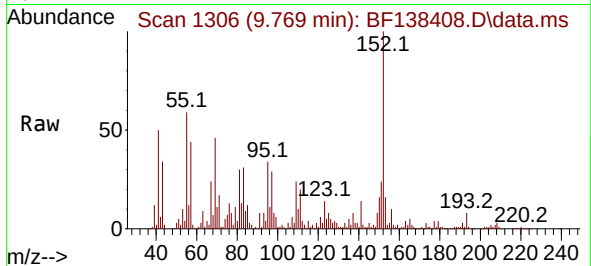




#49
Acenaphthylene
Concen: 8.170 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

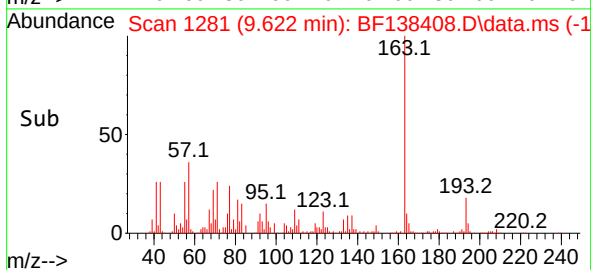
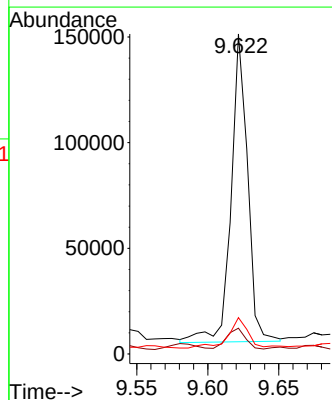
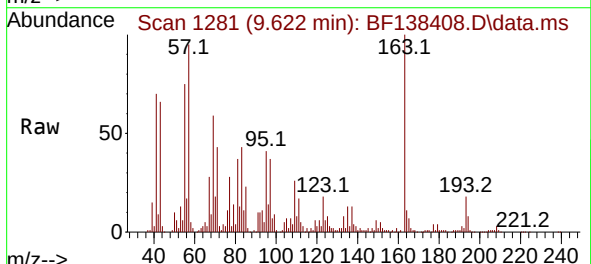
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

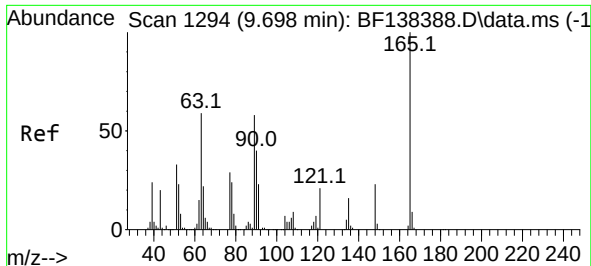
Tgt Ion:152 Resp: 170976
Ion Ratio Lower Upper
152 100
151 24.5 16.2 24.4#
153 16.1 11.4 17.2



#50
Dimethylphthalate
Concen: 7.039 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:163 Resp: 118245
Ion Ratio Lower Upper
163 100
194 8.0 3.5 5.3#
164 11.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 8.831 ng

RT: 9.686 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

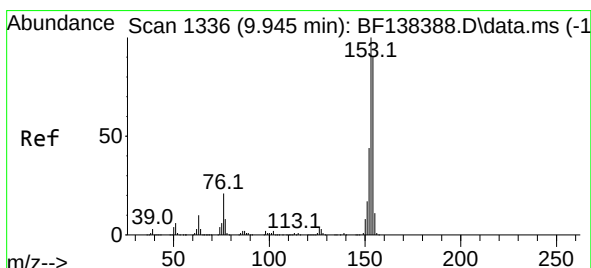
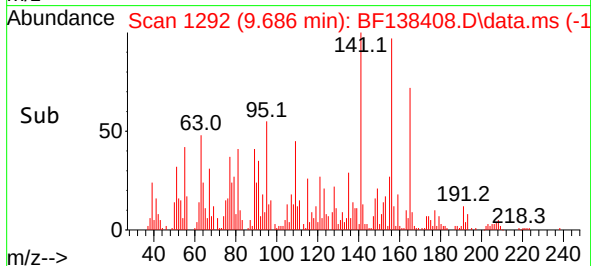
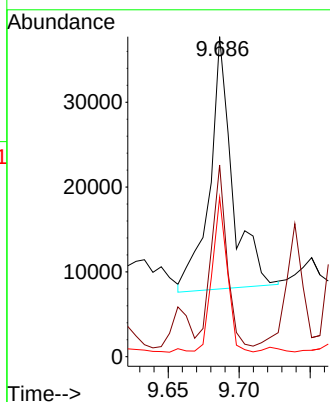
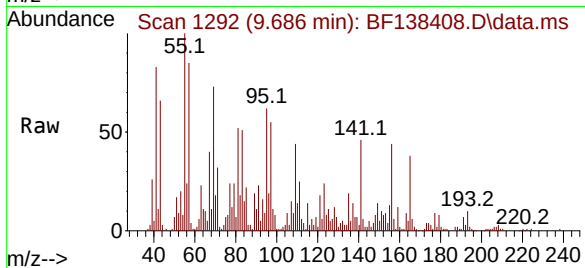
Tgt Ion:165 Resp: 33223

Ion Ratio Lower Upper

165 100

63 59.9 53.8 80.8

89 49.8 46.4 69.6



#52

Acenaphthene

Concen: 7.378 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

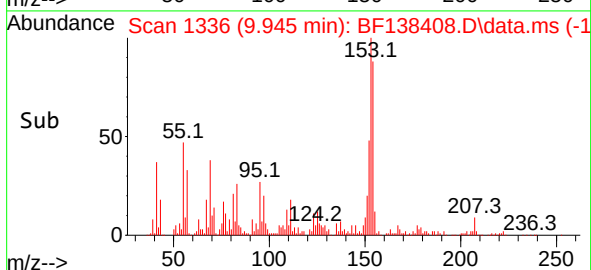
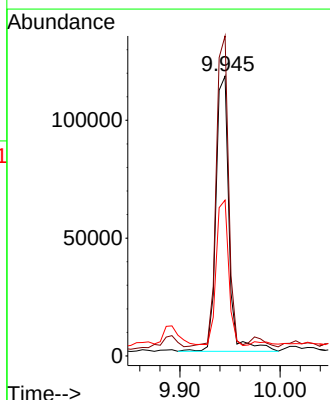
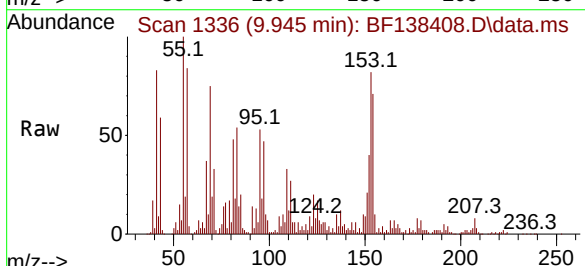
Tgt Ion:154 Resp: 105721

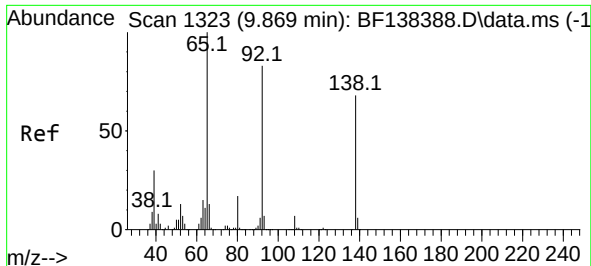
Ion Ratio Lower Upper

154 100

153 114.3 89.4 134.0

152 55.7 39.7 59.5

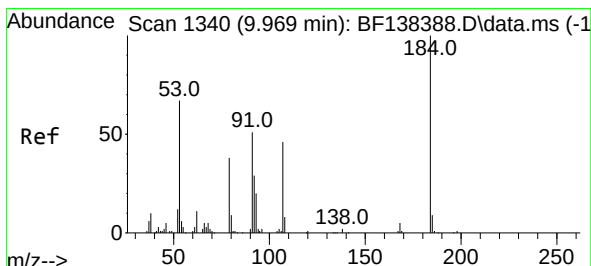
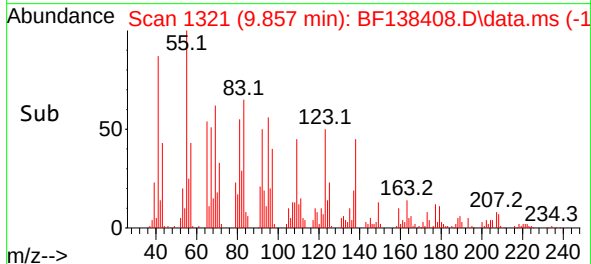
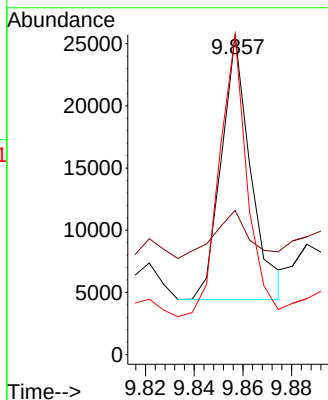
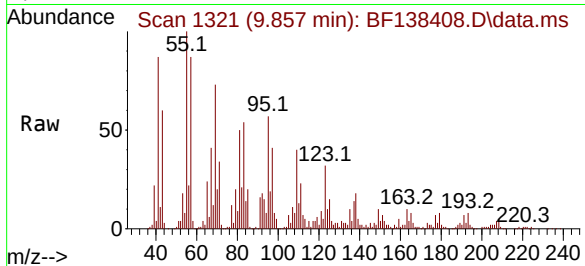




#53
3-Nitroaniline
Concen: 4.792 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

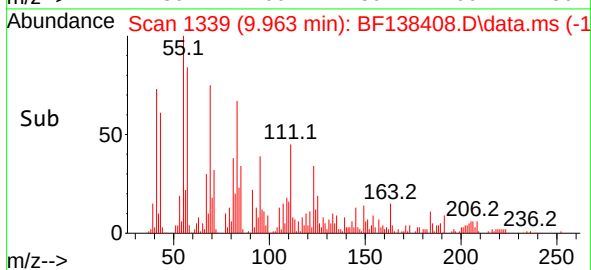
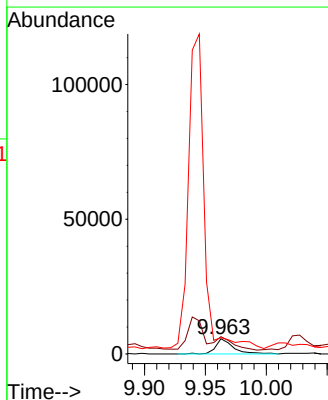
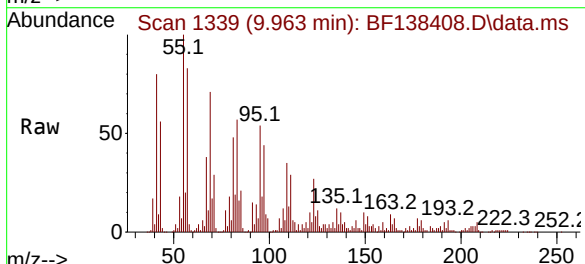
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

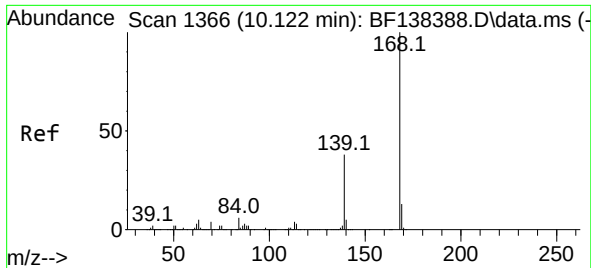
Tgt Ion:138 Resp: 17804
Ion Ratio Lower Upper
138 100
108 45.2 8.6 12.8#
92 100.2 97.3 145.9



#54
2,4-Dinitrophenol
Concen: 12.114 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:184 Resp: 5703
Ion Ratio Lower Upper
184 100
63 114.3 67.3 100.9#
154 108.4 51.0 76.4#

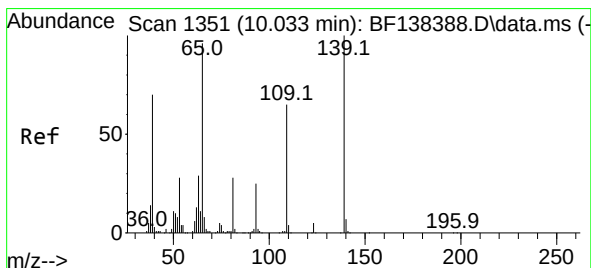
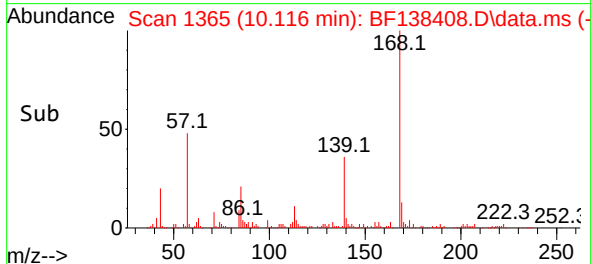
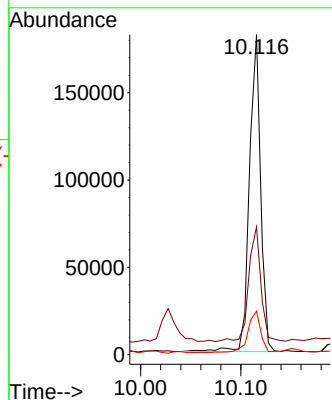
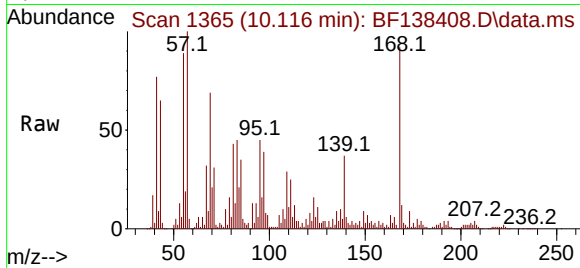




#55
Dibenzofuran
Concen: 7.178 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

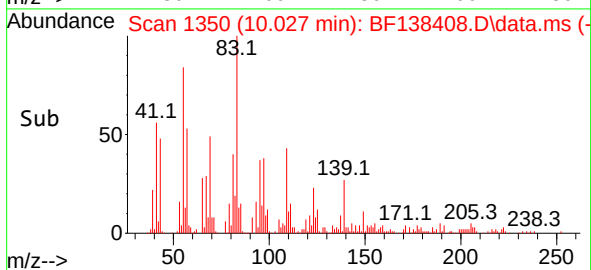
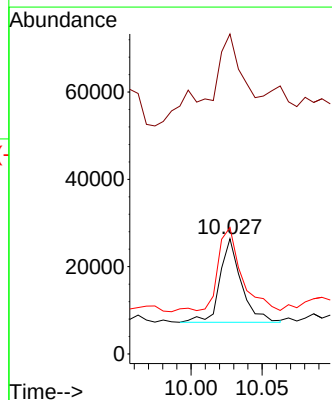
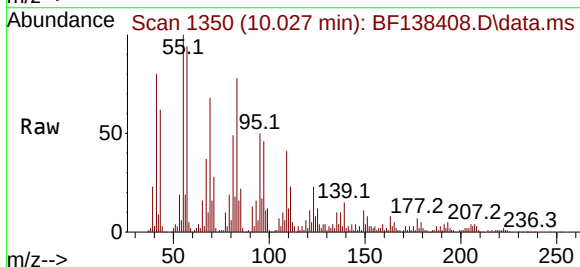
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

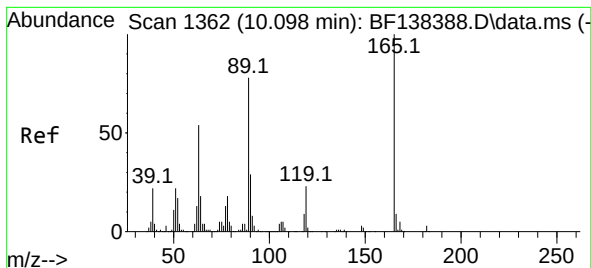
Tgt Ion:168 Resp: 141711
Ion Ratio Lower Upper
168 100
139 39.9 30.4 45.6
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 8.319 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:139 Resp: 20042
Ion Ratio Lower Upper
139 100
109 277.6 44.6 84.6#
65 109.6 75.9 115.9

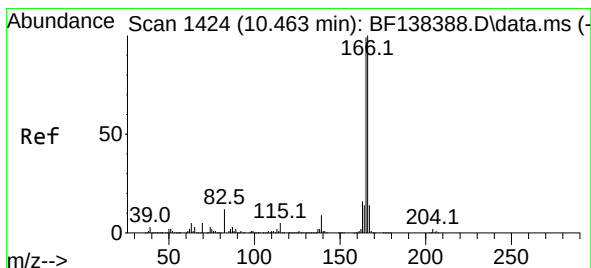
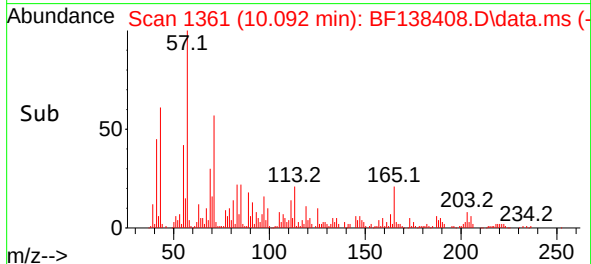
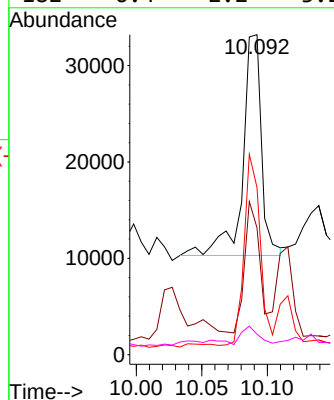
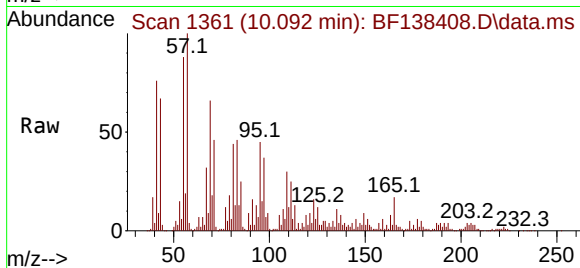




#57
2,4-Dinitrotoluene
Concen: 4.958 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

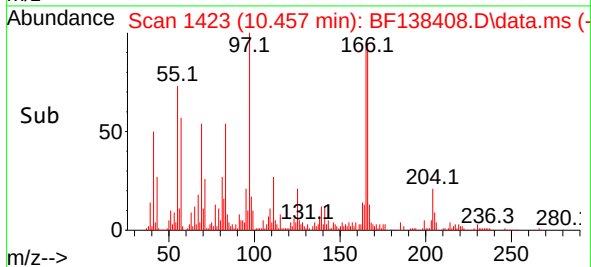
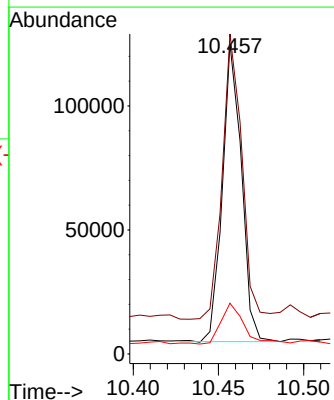
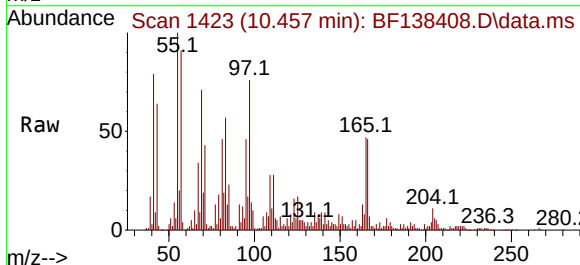
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

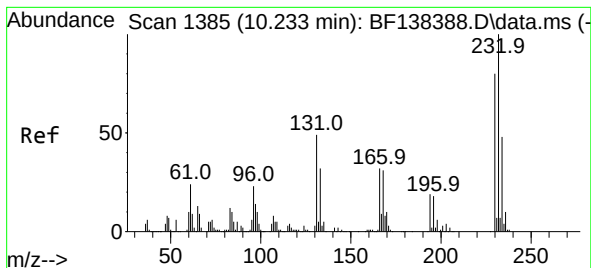
Tgt Ion:165 Resp: 22966
Ion Ratio Lower Upper
165 100
63 39.7 43.4 65.2#
89 52.2 62.6 93.8#
182 6.4 2.2 3.2#



#58
Fluorene
Concen: 5.943 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:166 Resp: 93223
Ion Ratio Lower Upper
166 100
165 103.1 79.0 118.6
167 16.3 10.8 16.2#

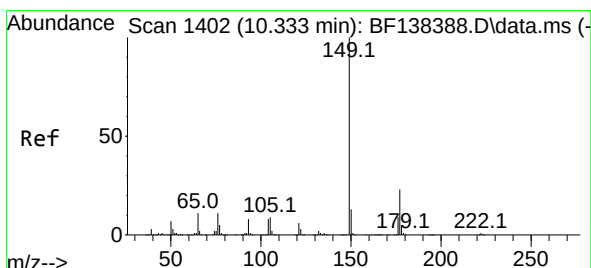
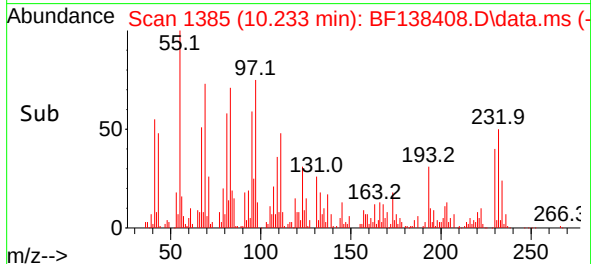
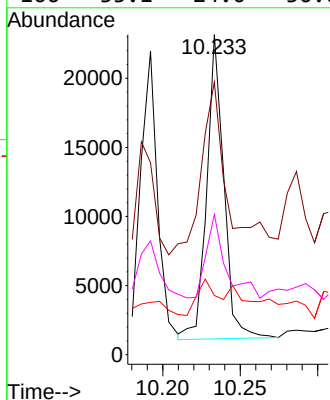
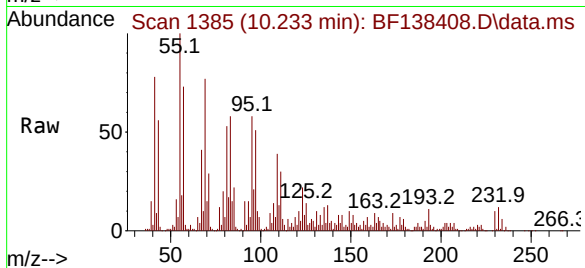




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.531 ng
RT: 10.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

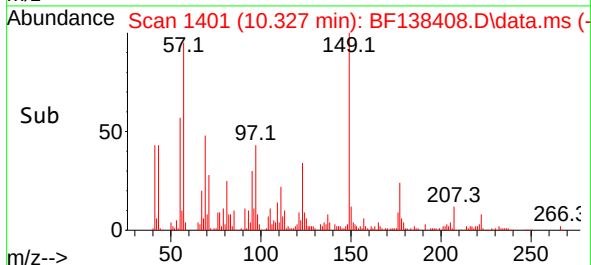
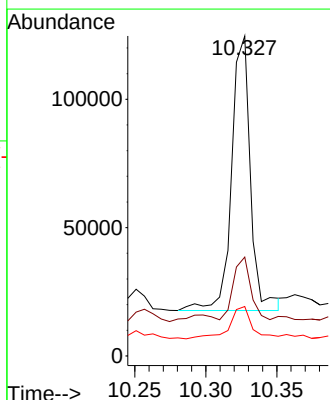
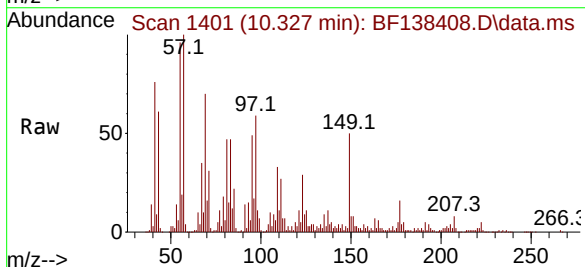
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

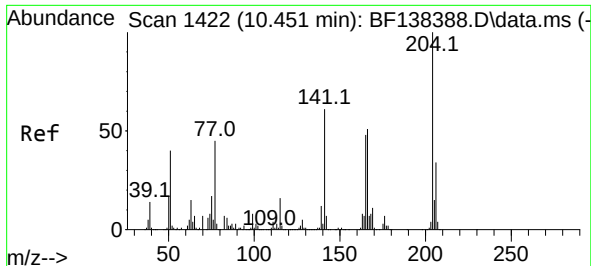
Tgt Ion:232 Resp: 16838
Ion Ratio Lower Upper
232 100
131 73.9 36.6 55.0#
130 13.9 1.8 2.8#
166 33.1 24.0 36.0



#60
Diethylphthalate
Concen: 6.313 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:149 Resp: 99144
Ion Ratio Lower Upper
149 100
177 30.9 18.4 27.6#
150 15.5 10.2 15.2#

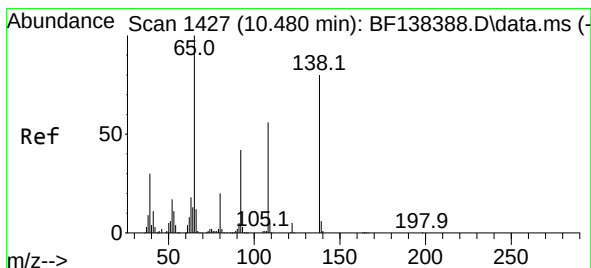
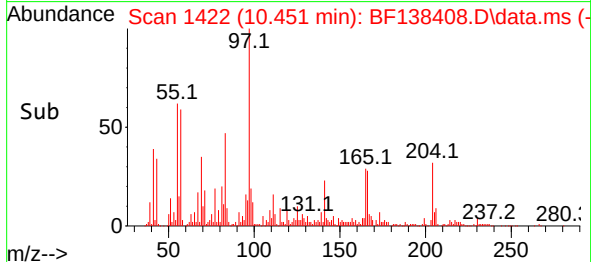
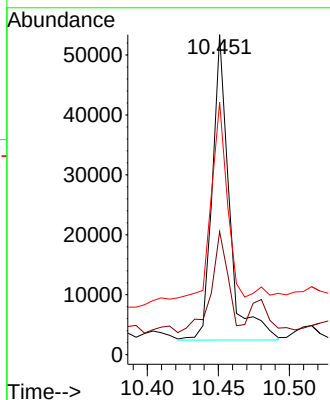
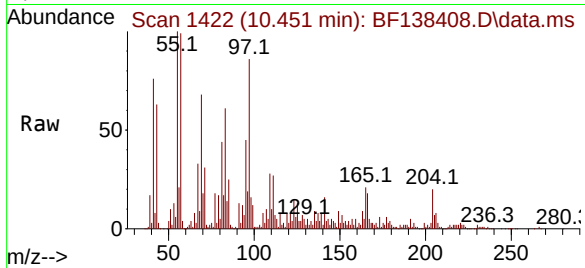




#61
4-Chlorophenyl-phenylether
Concen: 5.352 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

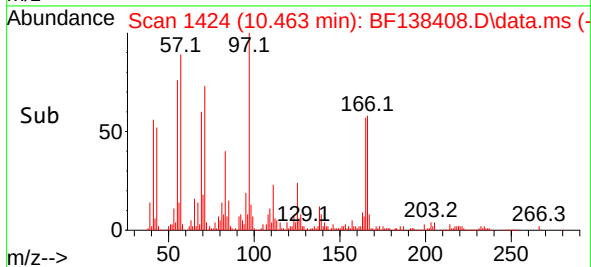
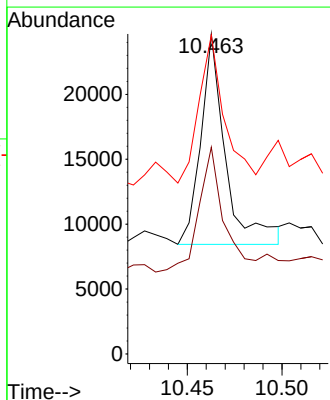
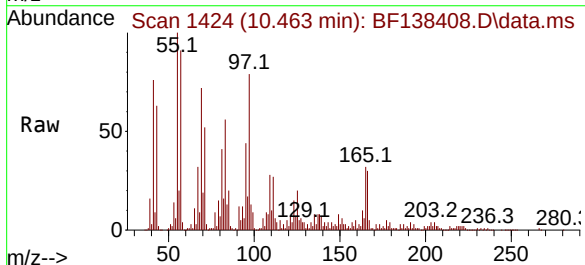
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

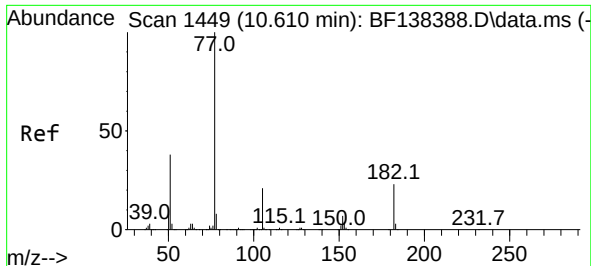
Tgt Ion:204 Resp: 42598
Ion Ratio Lower Upper
204 100
206 38.5 27.1 40.7
141 78.9 48.4 72.6#



#62
4-Nitroaniline
Concen: 4.302 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.018 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:138 Resp: 14672
Ion Ratio Lower Upper
138 100
92 64.6 32.6 72.6
108 99.7 50.3 90.3#

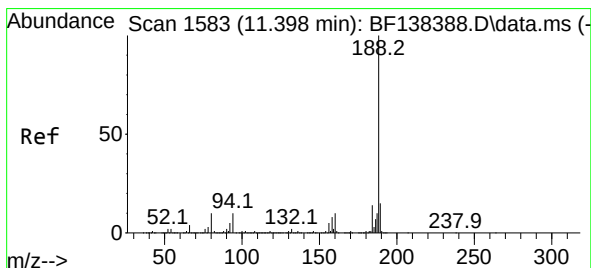
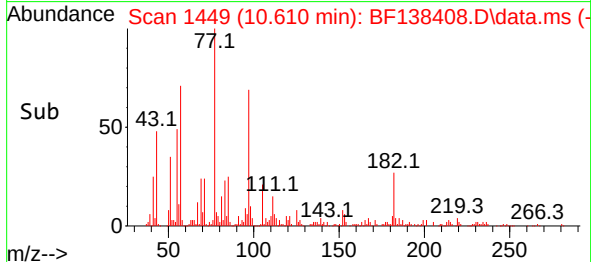
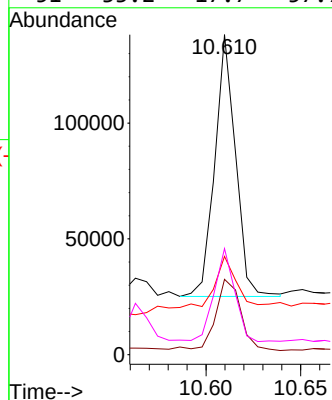
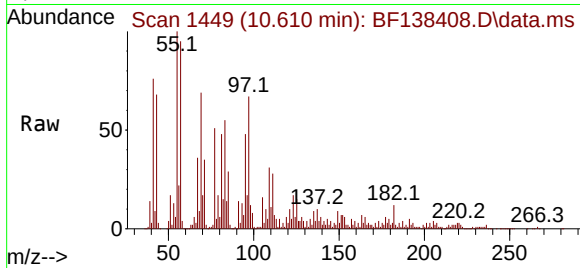




#63
Azobenzene
Concen: 5.199 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

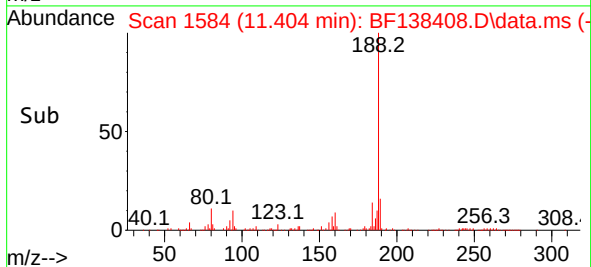
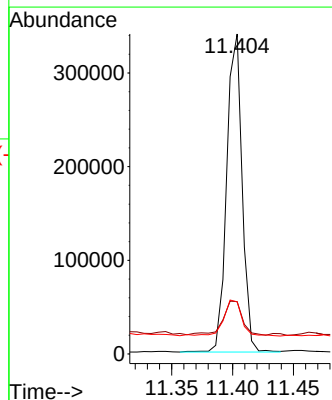
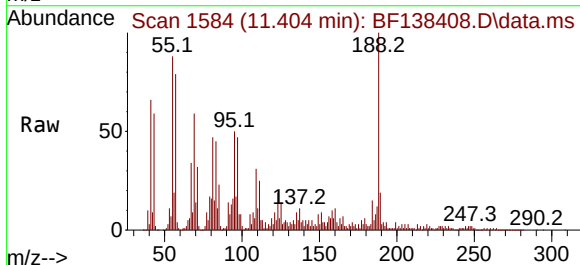
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

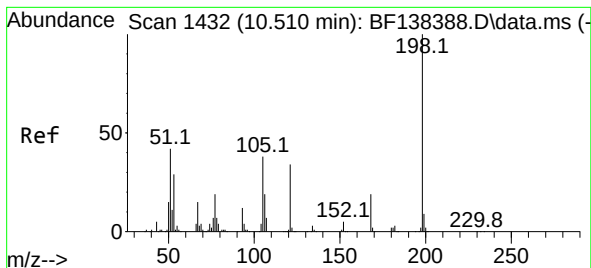
Tgt Ion: 77	Resp: 86236
Ion Ratio	Lower Upper
77 100	
182 23.6	2.7 42.7
105 30.7	0.6 40.6
51 33.2	17.7 57.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:188	Resp: 299736
Ion Ratio	Lower Upper
188 100	
94 16.3	8.0 12.0#
80 16.3	8.2 12.4#

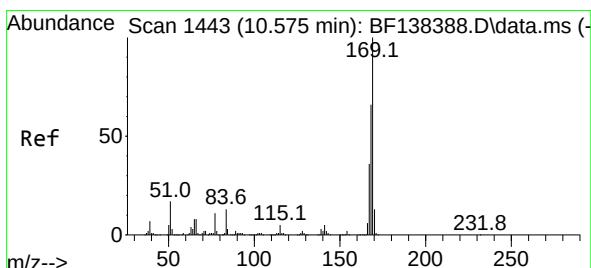
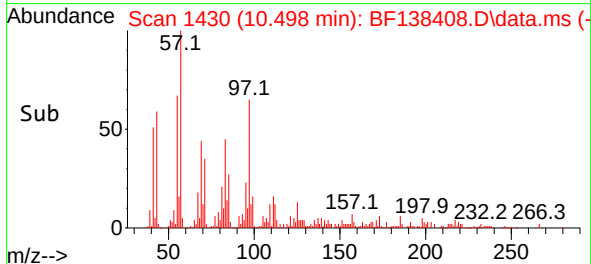
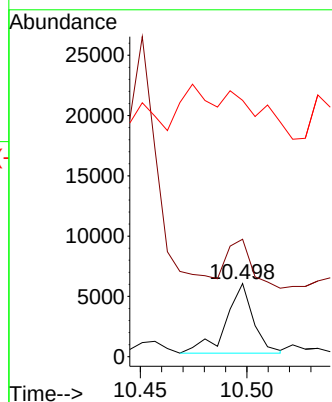
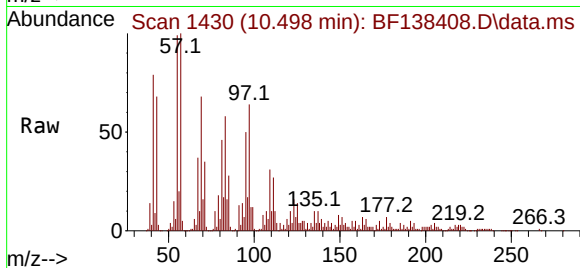




#65
4,6-Dinitro-2-methylphenol
Concen: 8.630 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

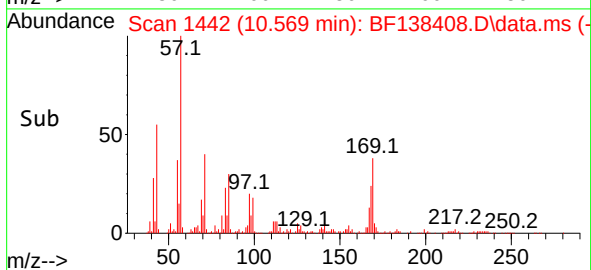
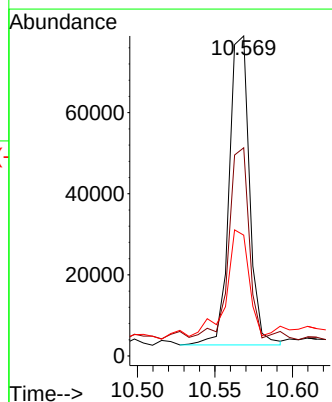
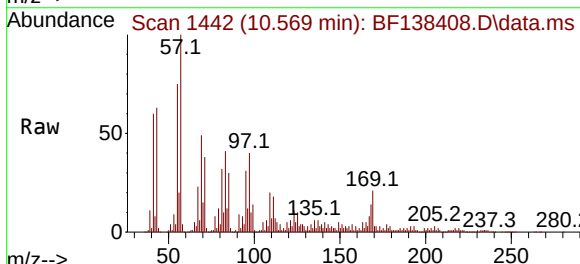
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

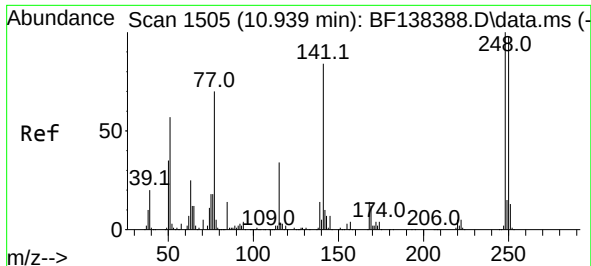
Tgt Ion:198 Resp: 5167
Ion Ratio Lower Upper
198 100
51 160.6 27.9 67.9#
105 350.5 18.2 58.2#



#66
n-Nitrosodiphenylamine
Concen: 7.463 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:169 Resp: 69449
Ion Ratio Lower Upper
169 100
168 65.1 52.5 78.7
167 37.7 28.8 43.2

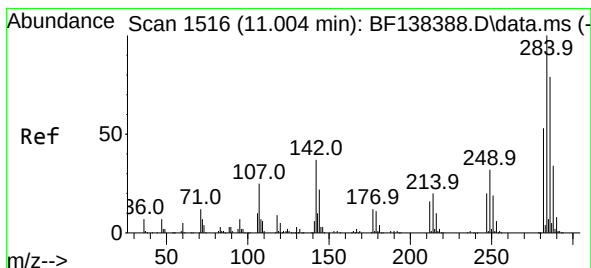
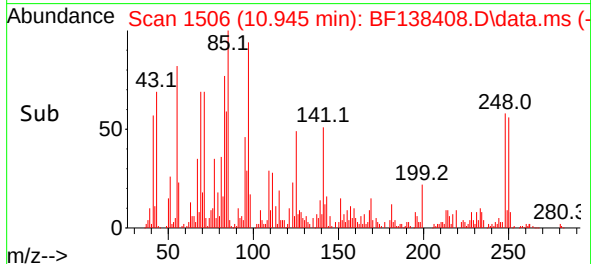
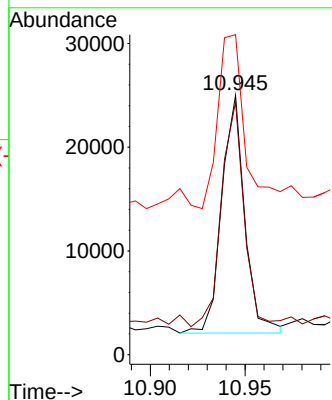
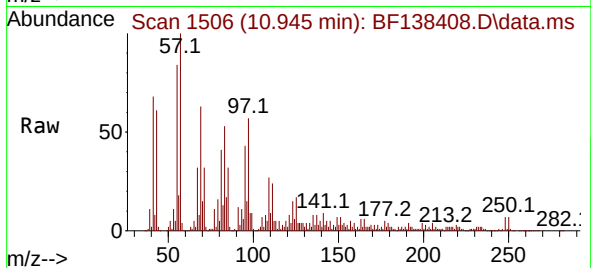




#67
4-Bromophenyl-phenylether
Concen: 6.029 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

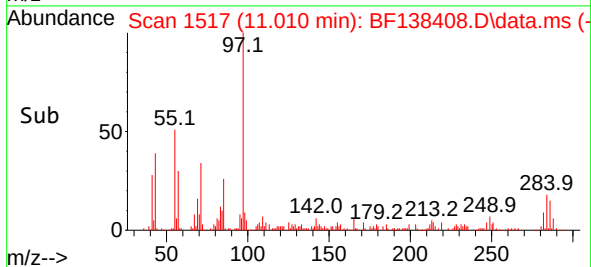
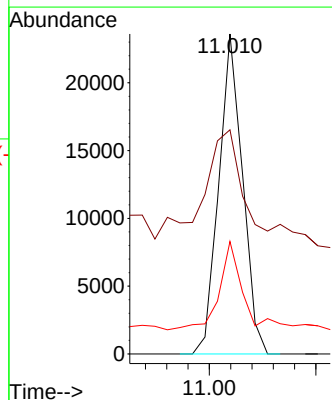
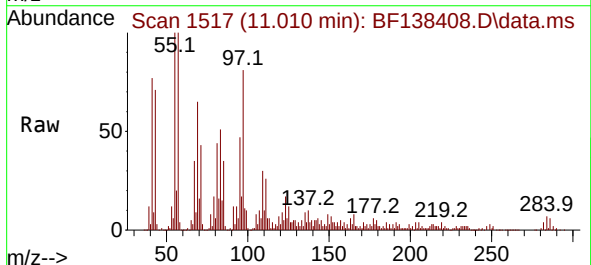
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

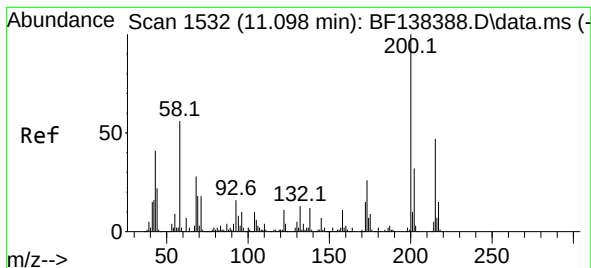
Tgt Ion:248 Resp: 19424
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.4
141 123.4 67.6 101.4#



#68
Hexachlorobenzene
Concen: 5.133 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:284 Resp: 18226
Ion Ratio Lower Upper
284 100
142 70.0 29.2 43.8#
249 35.2 25.8 38.6





#69

Atrazine

Concen: 7.666 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

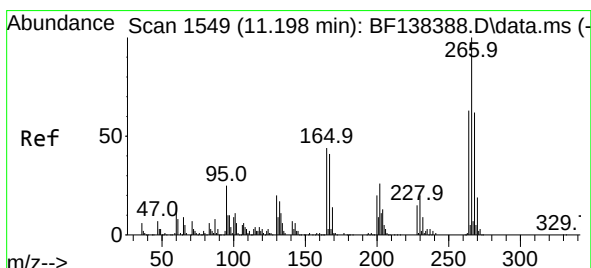
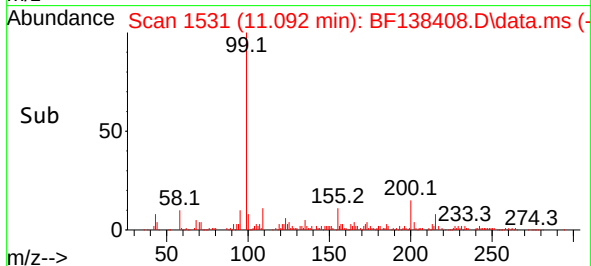
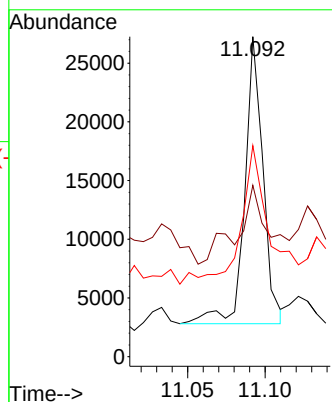
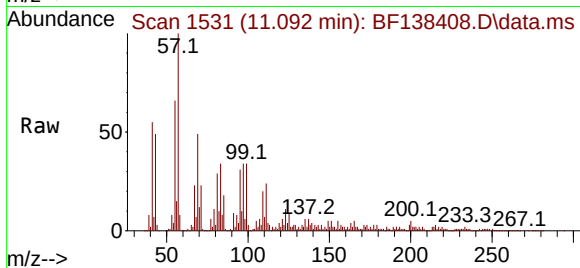
Tgt Ion:200 Resp: 20001

Ion Ratio Lower Upper

200 100

173 53.5 6.2 46.2#

215 66.0 27.4 67.4



#70

Pentachlorophenol

Concen: 7.458 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

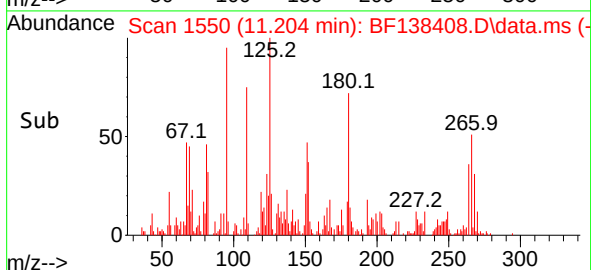
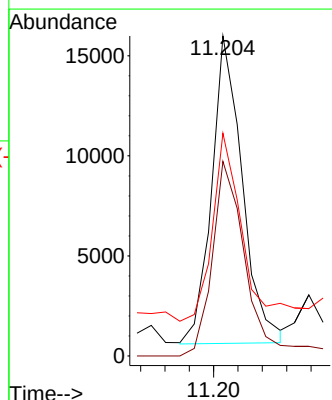
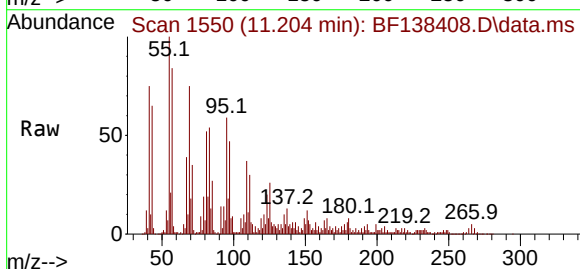
Tgt Ion:266 Resp: 13442

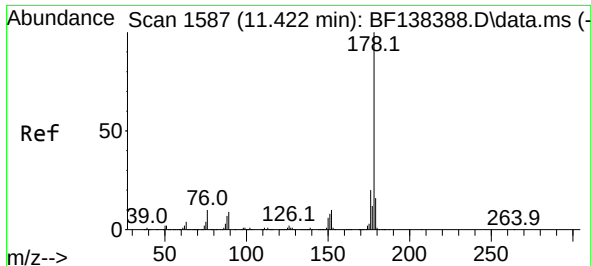
Ion Ratio Lower Upper

266 100

268 60.8 49.9 74.9

264 69.6 50.0 75.0

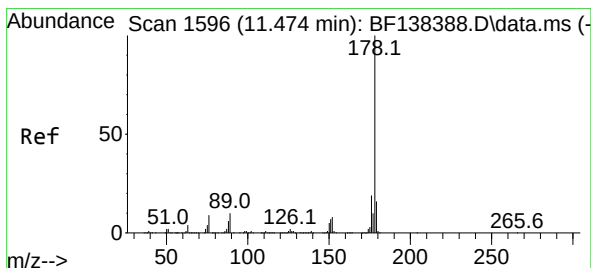
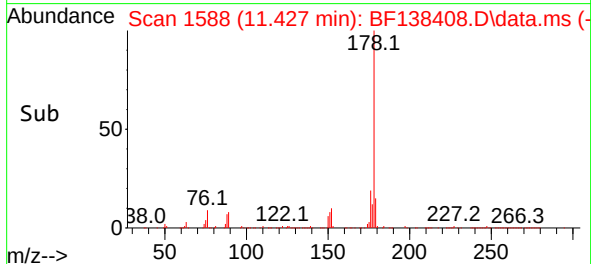
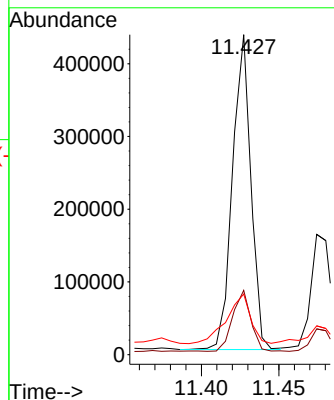
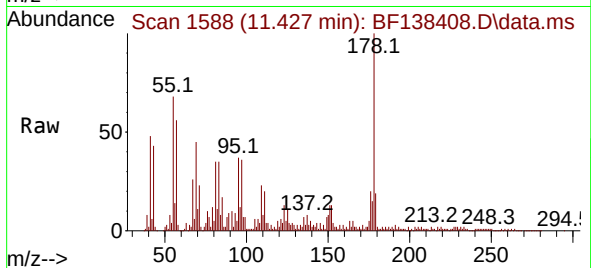




#71
Phenanthrene
Concen: 24.414 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

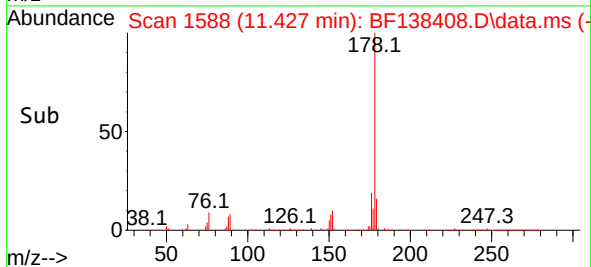
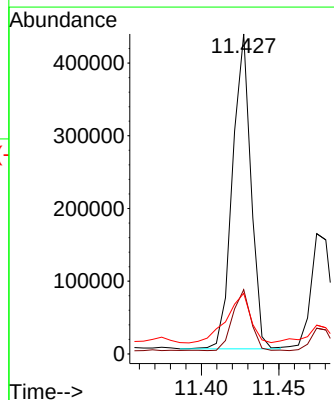
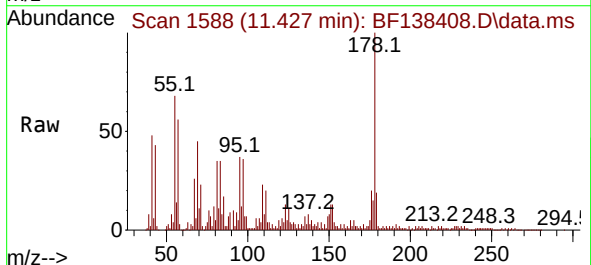
Instrument :
BNA_F
ClientSampleId :
VNJ-325MSD

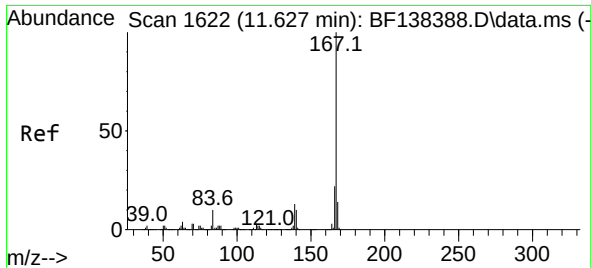
Tgt Ion:178 Resp: 357281
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 18.9 12.6 18.8#



#72
Anthracene
Concen: 24.481 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.047 min
Lab File: BF138408.D
Acq: 01 Jul 2024 17:35

Tgt Ion:178 Resp: 357281
Ion Ratio Lower Upper
178 100
176 20.1 15.0 22.6
179 18.9 12.7 19.1

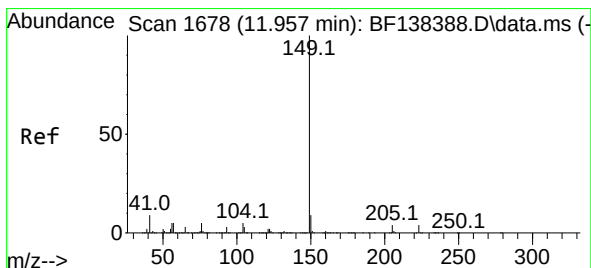
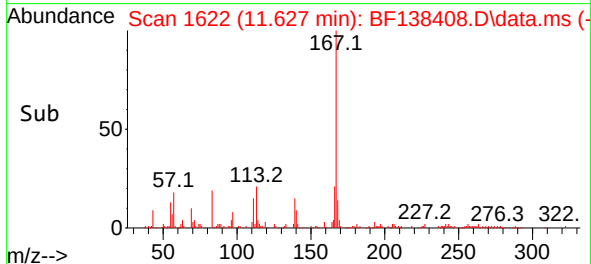
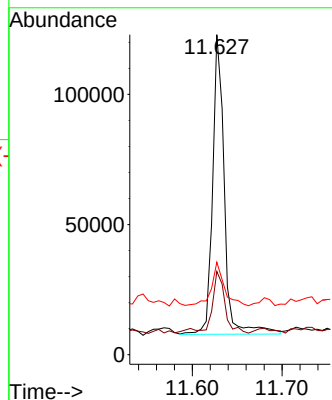
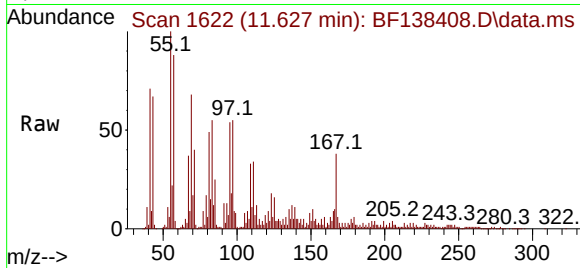




#73
 Carbazole
 Concen: 8.609 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF138408.D
 Acq: 01 Jul 2024 17:35

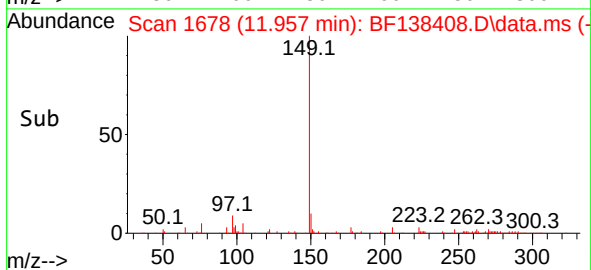
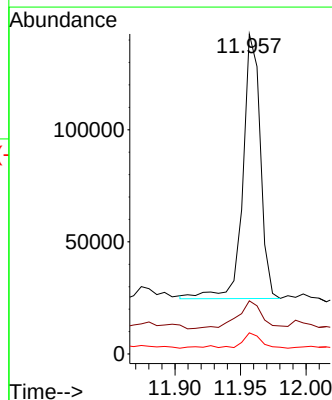
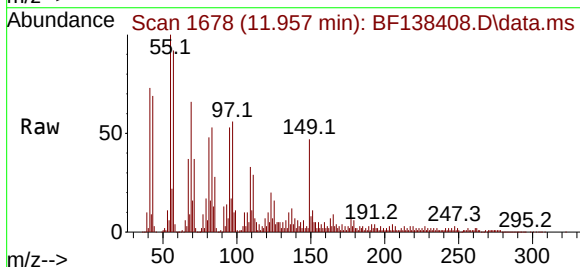
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-325MSD

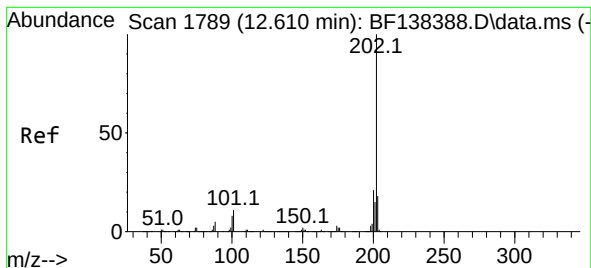
Tgt Ion:167 Resp: 104316
 Ion Ratio Lower Upper
 167 100
 166 26.0 17.7 26.5
 139 28.9 10.7 16.1#



#74
 Di-n-butylphthalate
 Concen: 7.120 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. -0.000 min
 Lab File: BF138408.D
 Acq: 01 Jul 2024 17:35

Tgt Ion:149 Resp: 109336
 Ion Ratio Lower Upper
 149 100
 150 16.6 7.4 11.2#
 104 6.6 3.8 5.8#





#75

Fluoranthene

Concen: 43.053 ng

RT: 12.615 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

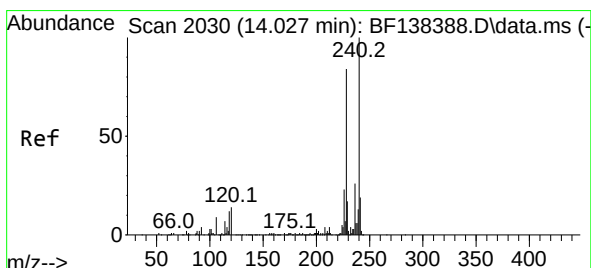
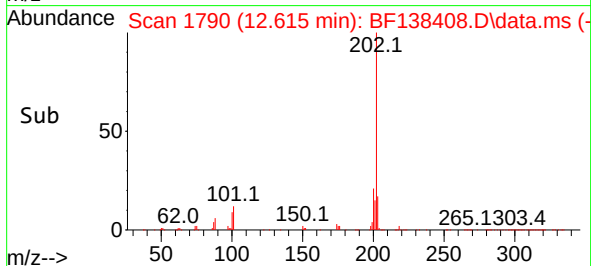
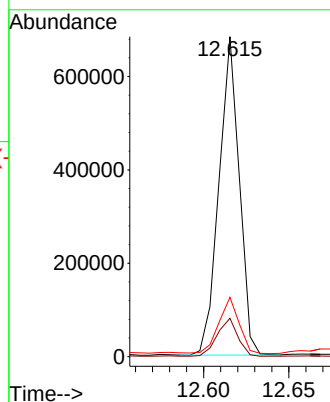
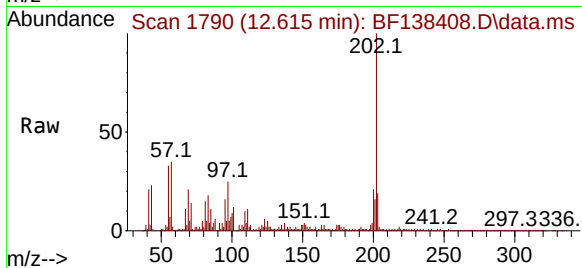
Tgt Ion:202 Resp: 564854

Ion Ratio Lower Upper

202 100

101 12.0 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: BF138408.D

Acq: 01 Jul 2024 17:35

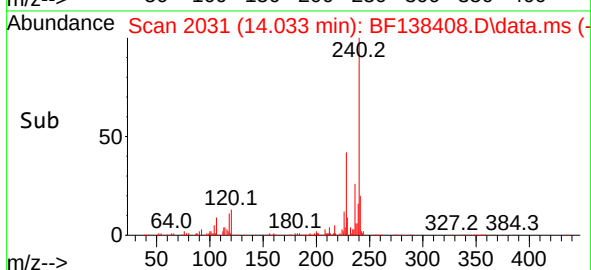
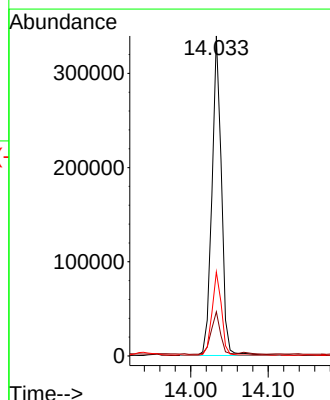
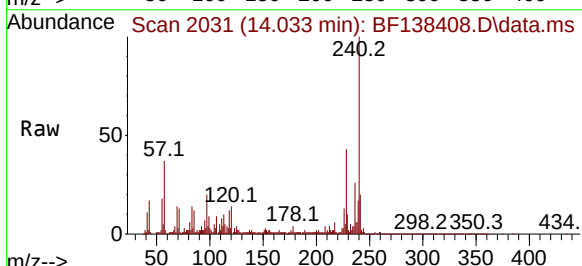
Tgt Ion:240 Resp: 288909

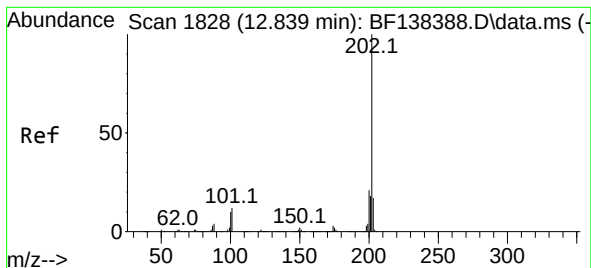
Ion Ratio Lower Upper

240 100

120 13.8 10.9 16.3

236 26.3 20.6 30.8





#78

Pyrene

Concen: 23.558 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

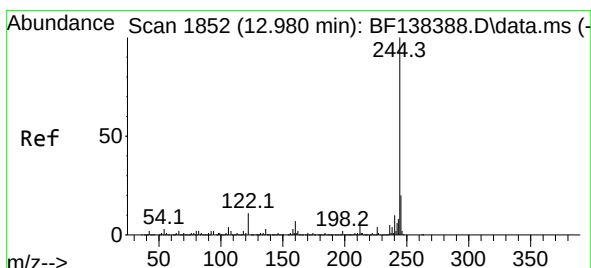
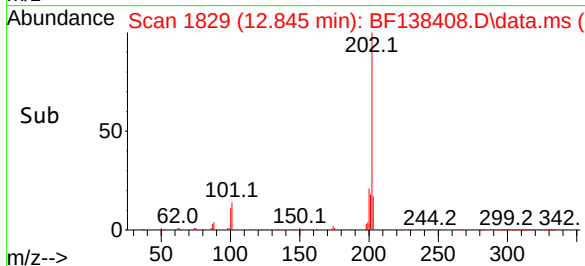
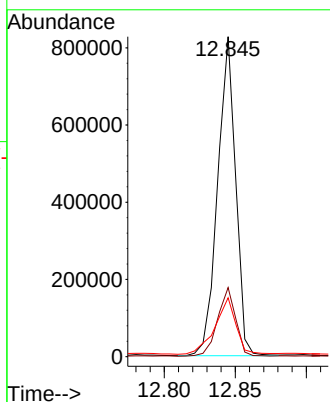
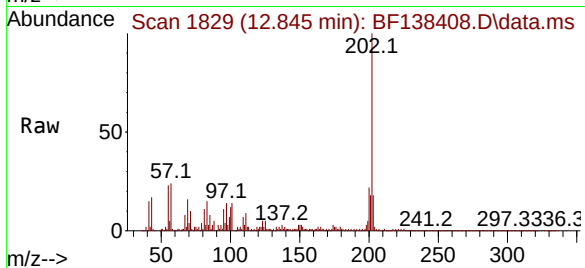
Tgt Ion:202 Resp: 727443

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

203 18.4 13.8 20.8



#79

Terphenyl-d14

Concen: 5.078 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

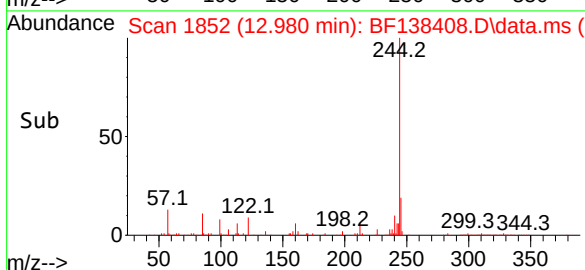
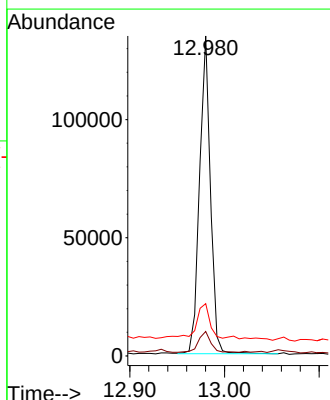
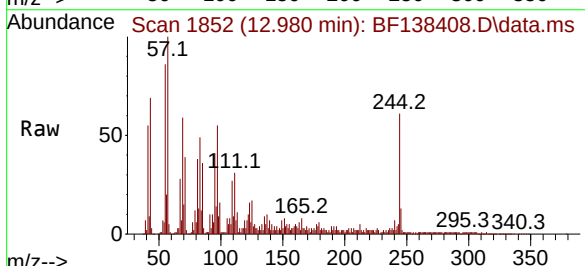
Tgt Ion:244 Resp: 107054

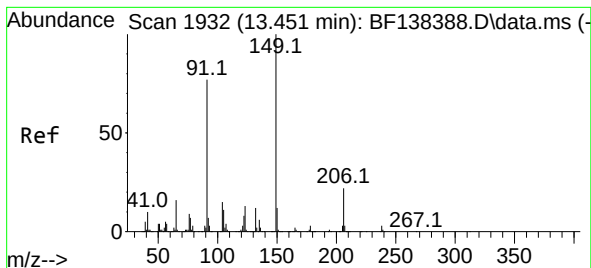
Ion Ratio Lower Upper

244 100

212 7.7 5.6 8.4

122 16.3 9.0 13.4#





#80

Butylbenzylphthalate

Concen: 4.542 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

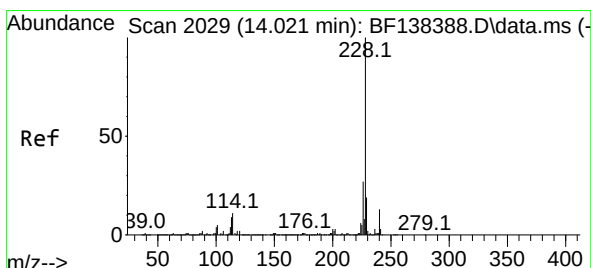
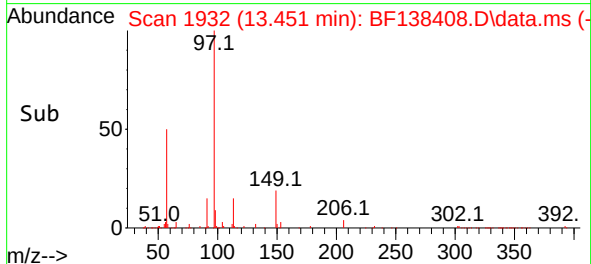
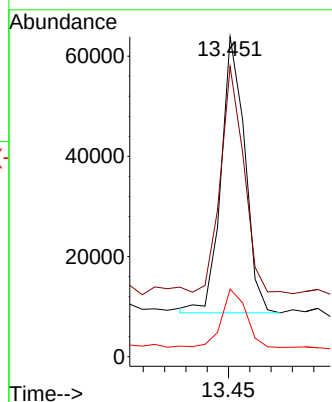
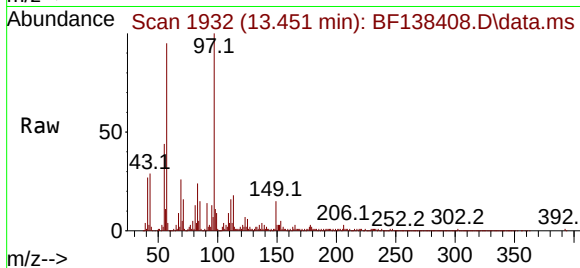
Tgt Ion:149 Resp: 42677

Ion Ratio Lower Upper

149 100

91 90.7 62.0 93.0

206 21.1 17.6 26.4



#81

Benzo(a)anthracene

Concen: 28.277 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

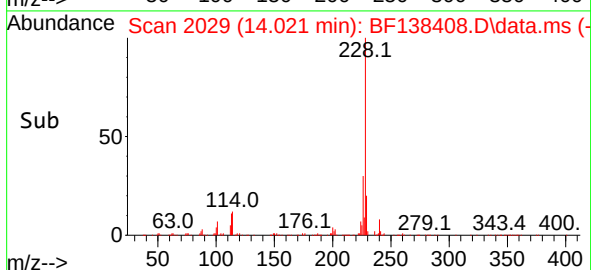
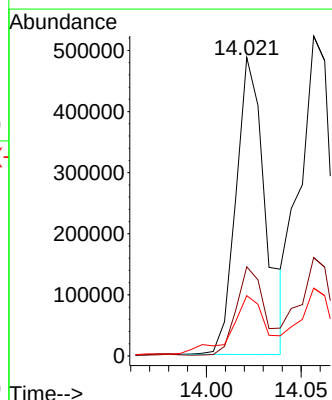
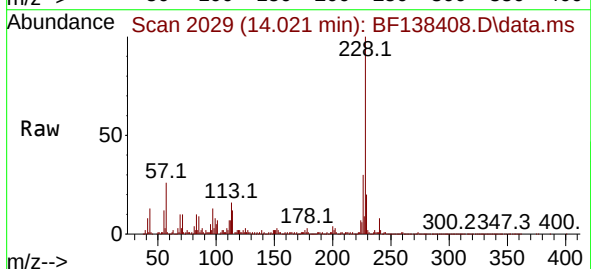
Tgt Ion:228 Resp: 525835

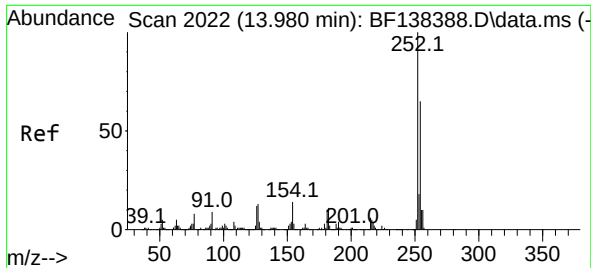
Ion Ratio Lower Upper

228 100

226 29.8 21.7 32.5

229 20.2 15.5 23.3

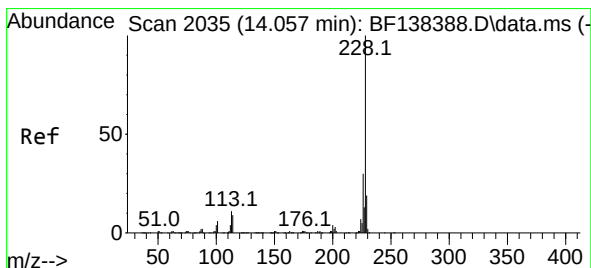
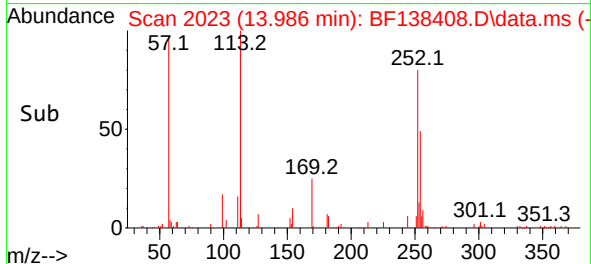
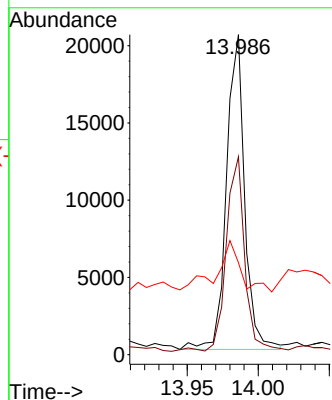
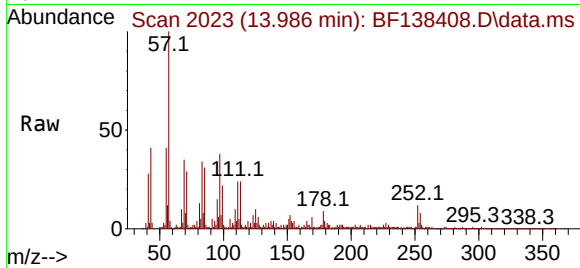




#82
 3,3'-Dichlorobenzidine
 Concen: 3.287 ng
 RT: 13.986 min Scan# 2022
 Delta R.T. 0.006 min
 Lab File: BF138408.D
 Acq: 01 Jul 2024 17:35

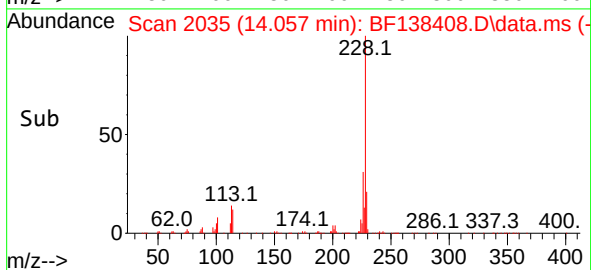
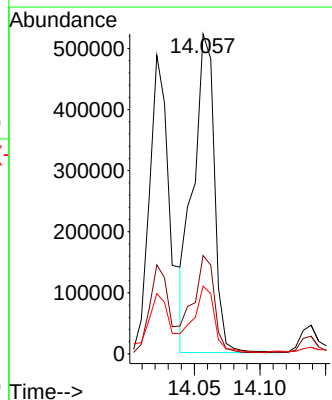
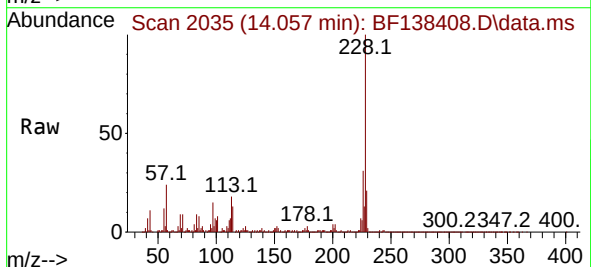
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-325MSD

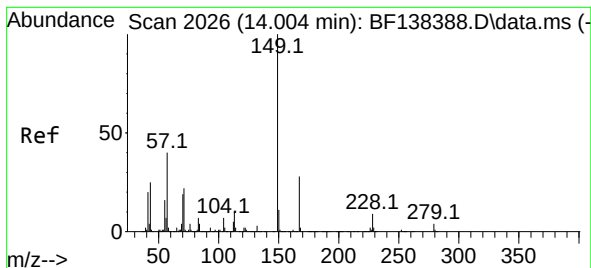
Tgt Ion:252 Resp: 18047
 Ion Ratio Lower Upper
 252 100
 254 61.8 51.8 77.6
 126 28.7 9.5 14.3#



#83
 Chrysene
 Concen: 32.368 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.000 min
 Lab File: BF138408.D
 Acq: 01 Jul 2024 17:35

Tgt Ion:228 Resp: 585684
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.8 35.6
 229 21.2 15.2 22.8

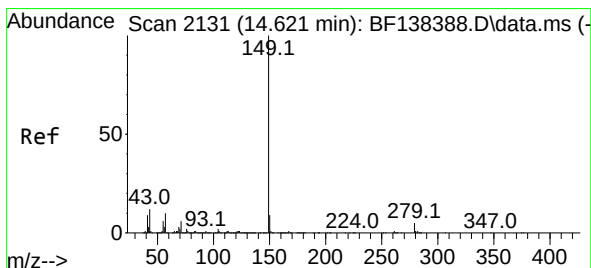
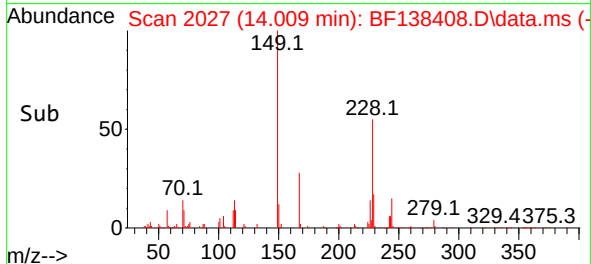
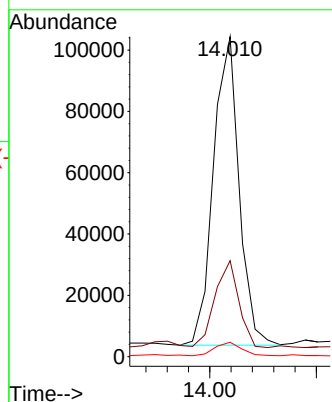
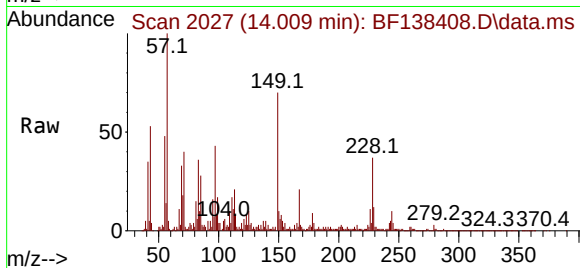




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.129 ng
 RT: 14.009 min Scan# 2026
 Delta R.T. 0.006 min
 Lab File: BF138408.D
 Acq: 01 Jul 2024 17:35

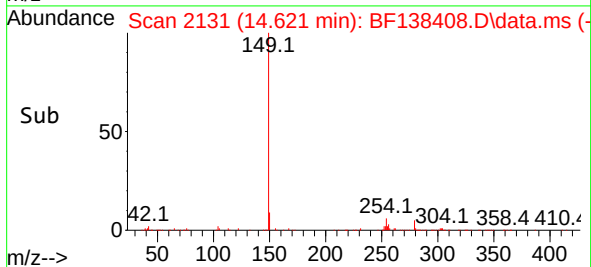
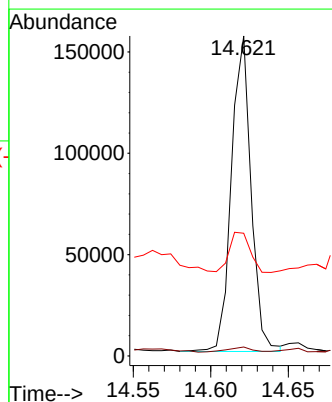
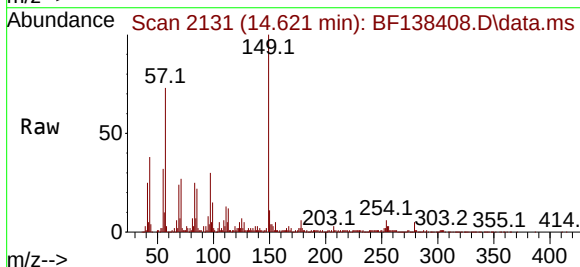
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-325MSD

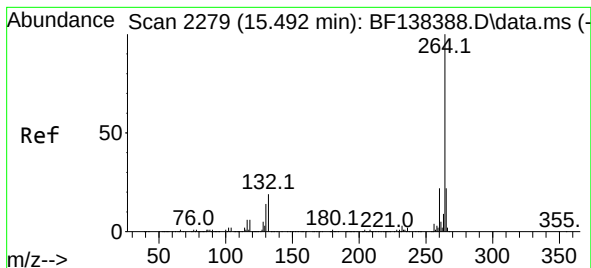
Tgt Ion:149 Resp: 84006
 Ion Ratio Lower Upper
 149 100
 167 30.0 22.6 33.8
 279 4.5 3.2 4.8



#85
 Di-n-octyl phthalate
 Concen: 6.670 ng
 RT: 14.621 min Scan# 2131
 Delta R.T. -0.000 min
 Lab File: BF138408.D
 Acq: 01 Jul 2024 17:35

Tgt Ion:149 Resp: 137564
 Ion Ratio Lower Upper
 149 100
 167 2.1 1.3 1.9#
 43 13.2 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: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

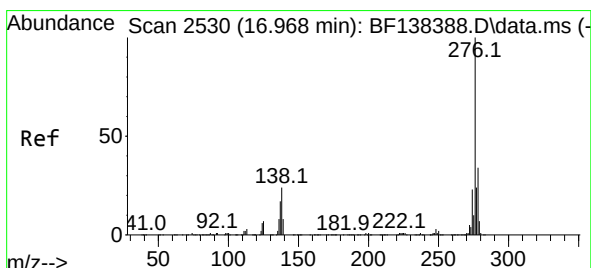
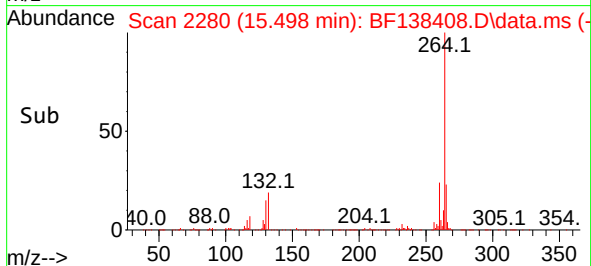
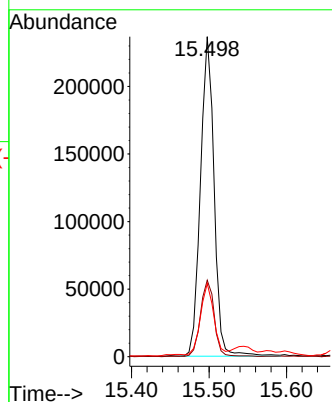
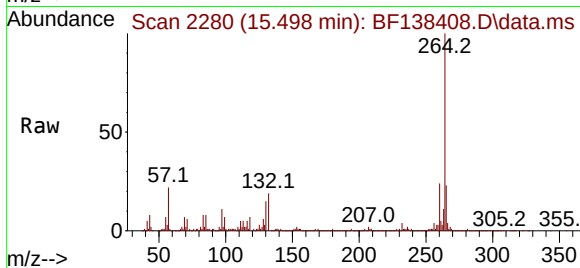
Tgt Ion:264 Resp: 289056

Ion Ratio Lower Upper

264 100

260 23.9 17.8 26.6

265 22.8 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 12.594 ng

RT: 16.956 min Scan# 2528

Delta R.T. -0.012 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

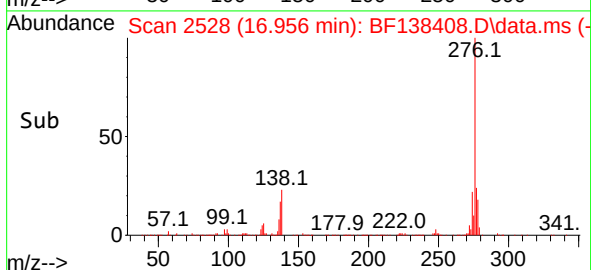
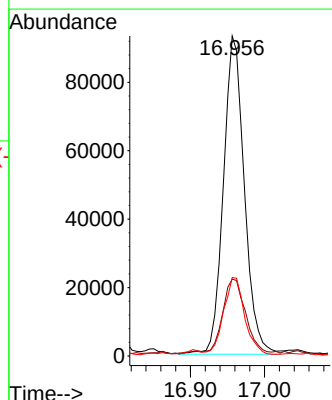
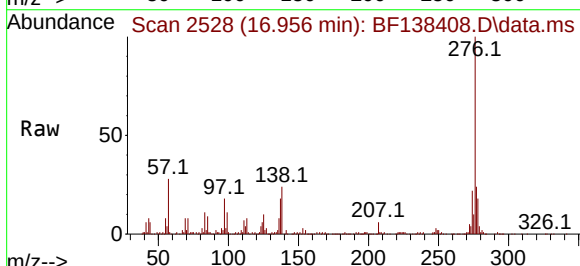
Tgt Ion:276 Resp: 182916

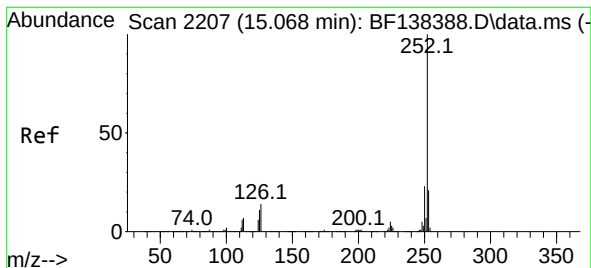
Ion Ratio Lower Upper

276 100

138 26.7 22.1 33.1

277 24.3 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 44.733 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

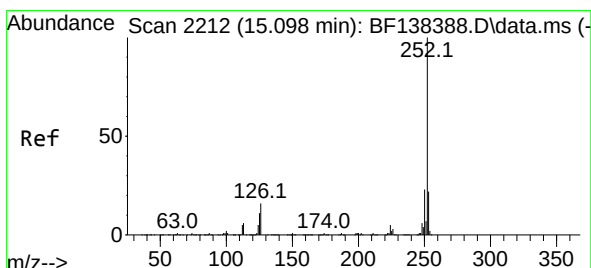
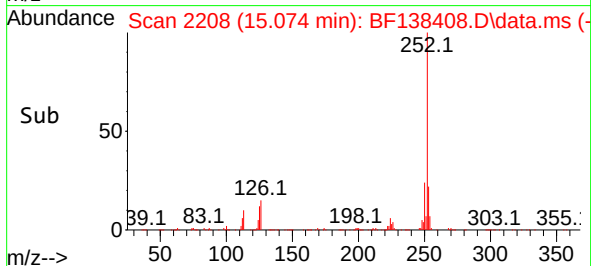
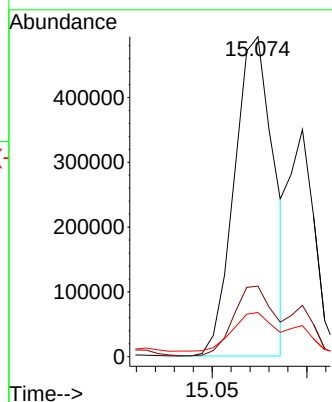
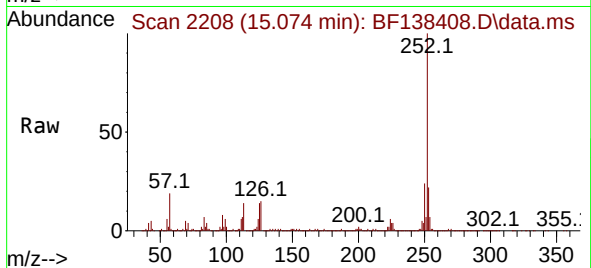
Tgt Ion:252 Resp: 709440

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 13.8 8.6 12.8#



#89

Benzo(k)fluoranthene

Concen: 48.566 ng

RT: 15.074 min Scan# 2208

Delta R.T. -0.024 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

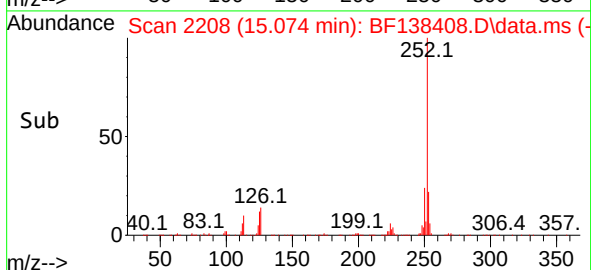
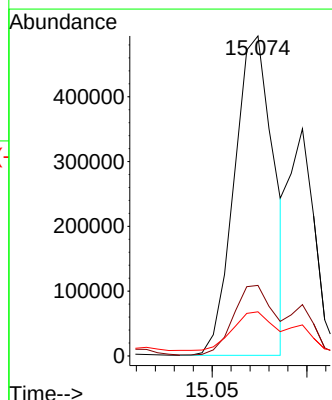
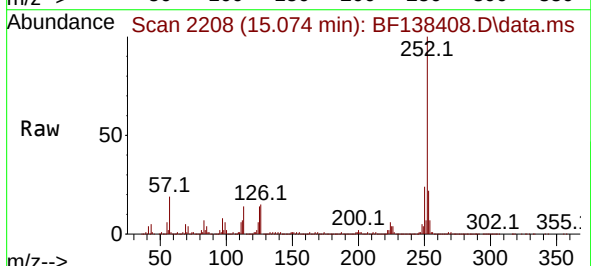
Tgt Ion:252 Resp: 709440

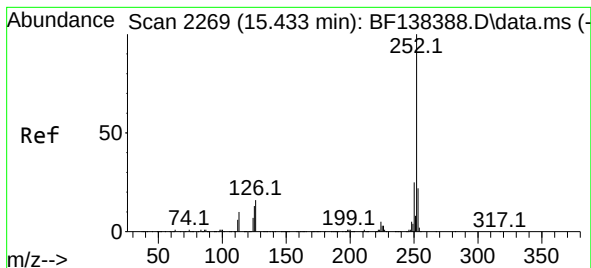
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 13.8 8.7 13.1#





#90

Benzo(a)pyrene

Concen: 24.913 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-325MSD

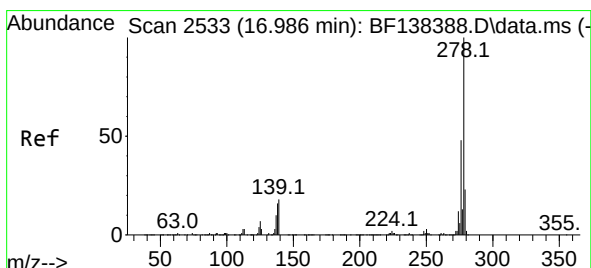
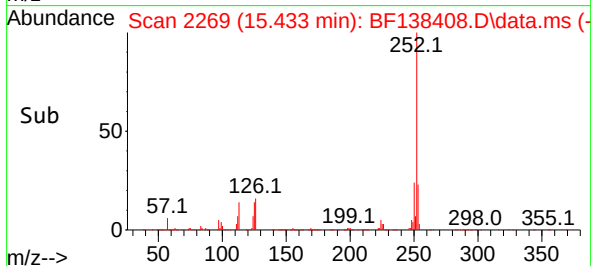
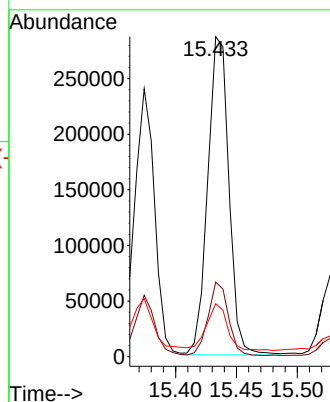
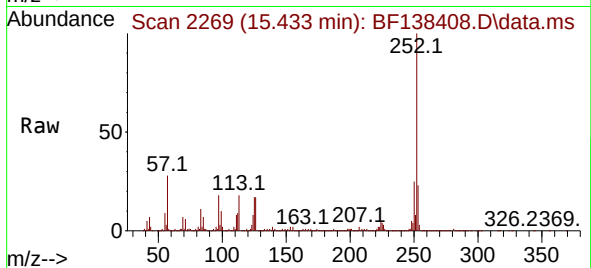
Tgt Ion:252 Resp: 346317

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 16.5 10.2 15.2#



#91

Dibenzo(a,h)anthracene

Concen: 7.553 ng

RT: 16.974 min Scan# 2531

Delta R.T. -0.012 min

Lab File: BF138408.D

Acq: 01 Jul 2024 17:35

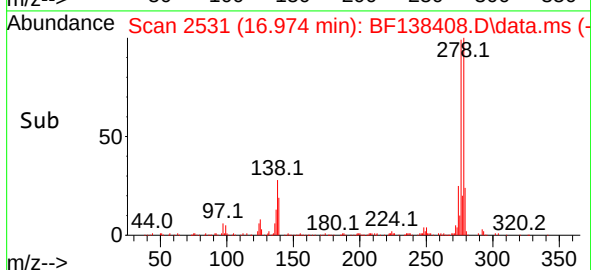
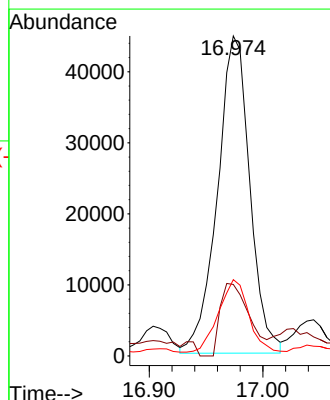
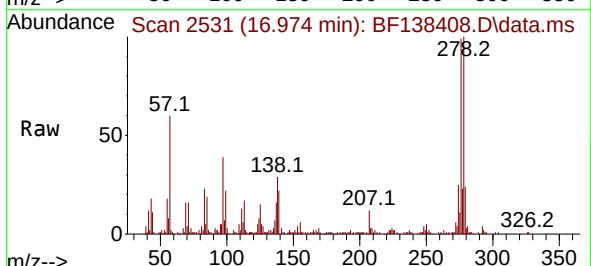
Tgt Ion:278 Resp: 88547

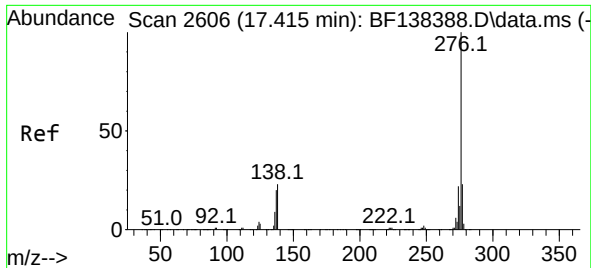
Ion Ratio Lower Upper

278 100

139 22.4 14.3 21.5#

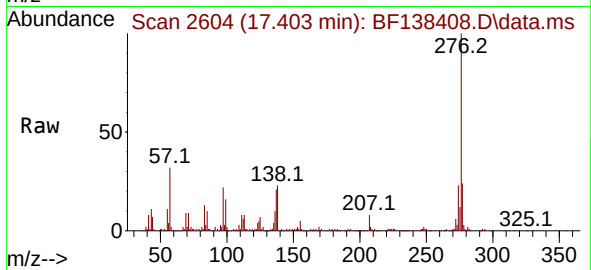
279 23.8 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 12.212 ng
 RT: 17.403 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF138408.D
 Acq: 01 Jul 2024 17:35

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-325MSD



Tgt Ion:	276	Resp:	140052
Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	23.1	18.3	27.5

