

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138523.D
 Acq On : 11 Jul 2024 15:11
 Operator : CG\JU
 Sample : P3183-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226MSD

Quant Time: Jul 11 15:38:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	86557	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	342308	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	186000	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	285205	20.000	ng	0.00
76) Chrysene-d12	14.021	240	159563	20.000	ng	0.00
86) Perylene-d12	15.486	264	178560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	776933	142.157	ng	0.02
7) Phenol-d6	6.510	99	1012607	139.277	ng	0.00
23) Nitrobenzene-d5	7.433	82	680417	97.593	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	240134	138.139	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1182923	99.398	ng	0.00
79) Terphenyl-d14	12.968	244	983994	100.465	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.881	88	109337	45.171	ng	# 80
3) Pyridine	3.575	79	191364	32.058	ng	98
4) n-Nitrosodimethylamine	3.516	42	209738	53.975	ng	92
6) Aniline	6.534	93	170253	25.001	ng	91
8) 2-Chlorophenol	6.657	128	329393	56.998	ng	100
9) Benzaldehyde	6.422	77	19980	5.134	ng	97
10) Phenol	6.522	94	404880	52.465	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	317229	54.598	ng	97
12) 1,3-Dichlorobenzene	6.810	146	325036	50.037	ng	98
13) 1,4-Dichlorobenzene	6.886	146	332391	50.390	ng	99
14) 1,2-Dichlorobenzene	7.034	146	315355	51.330	ng	98
15) Benzyl Alcohol	7.010	79	313323	57.424	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	597666	52.307	ng	95
17) 2-Methylphenol	7.128	107	261294	55.169	ng	94
18) Hexachloroethane	7.375	117	123796	51.050	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	243878	54.286	ng	97
20) 3+4-Methylphenols	7.275	107	318808	53.454	ng	91
22) Acetophenone	7.275	105	410153	49.335	ng	96
24) Nitrobenzene	7.451	77	373102	52.660	ng	96
25) Isophorone	7.686	82	672020	56.128	ng	100
26) 2-Nitrophenol	7.763	139	174755	57.548	ng	94
27) 2,4-Dimethylphenol	7.804	122	230408	61.735	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	397199	55.509	ng	98
29) 2,4-Dichlorophenol	8.010	162	276679	57.087	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	291829	51.687	ng	99
31) Naphthalene	8.169	128	933142	52.416	ng	99
32) Benzoic acid	7.933	122	176946	49.708	ng	95
33) 4-Chloroaniline	8.216	127	99359	15.906	ng	93
34) Hexachlorobutadiene	8.281	225	174943	50.318	ng	99
35) Caprolactam	8.592	113	43949	28.101	ng	92
36) 4-Chloro-3-methylphenol	8.710	107	299866	55.265	ng	98
37) 2-Methylnaphthalene	8.857	142	613665	53.564	ng	100
38) 1-Methylnaphthalene	8.957	142	566943	50.706	ng	97
40) 1,2,4,5-Tetrachloroben...	9.022	216	266713	51.450	ng	99
41) Hexachlorocyclopentadiene	9.010	237	264190	157.012	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	189112	57.190	ng	100

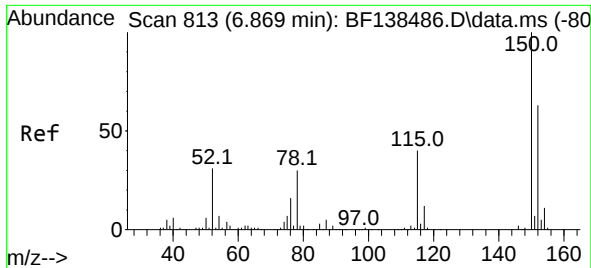
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
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 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	202907	55.790	ng	93
46) 1,1'-Biphenyl	9.322	154	732923	51.995	ng	99
47) 2-Chloronaphthalene	9.351	162	584595	54.897	ng	98
48) 2-Nitroaniline	9.445	65	202684	54.926	ng	92
49) Acenaphthylene	9.763	152	896374	59.288	ng	99
50) Dimethylphthalate	9.627	163	698946	58.114	ng	99
51) 2,6-Dinitrotoluene	9.692	165	151351	54.655	ng	94
52) Acenaphthene	9.933	154	543583	54.089	ng	98
53) 3-Nitroaniline	9.857	138	62723	22.099	ng	96
54) 2,4-Dinitrophenol	9.969	184	148202	98.568	ng	# 88
55) Dibenzofuran	10.110	168	804112	55.163	ng	99
56) 4-Nitrophenol	10.027	139	192743	92.035	ng	99
57) 2,4-Dinitrotoluene	10.092	165	192772	53.802	ng	100
58) Fluorene	10.451	166	612845	53.134	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	162483	56.607	ng	99
60) Diethylphthalate	10.327	149	654242	56.426	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	309221	53.390	ng	93
62) 4-Nitroaniline	10.474	138	124391	43.736	ng	97
63) Azobenzene	10.604	77	685952	55.027	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	104701	63.578	ng	# 75
66) n-Nitrosodiphenylamine	10.563	169	522922	61.197	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	181990	62.083	ng	93
68) Hexachlorobenzene	10.998	284	196444	60.323	ng	# 91
69) Atrazine	11.086	200	140875	49.726	ng	97
70) Pentachlorophenol	11.192	266	211916	109.973	ng	97
71) Phenanthrene	11.410	178	837068	58.094	ng	99
72) Anthracene	11.463	178	845578	59.119	ng	99
73) Carbazole	11.621	167	668336	51.996	ng	99
74) Di-n-butylphthalate	11.945	149	942550	63.616	ng	100
75) Fluoranthene	12.598	202	744402	50.630	ng	99
77) Benzidine	12.716	184	26844	6.668	ng	97
78) Pyrene	12.827	202	731867	45.183	ng	99
80) Butylbenzylphthalate	13.439	149	316765	65.009	ng	97
81) Benzo(a)anthracene	14.010	228	605792	56.581	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	101298	36.718	ng	98
83) Chrysene	14.051	228	586813	57.936	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	459076	88.340	ng	# 99
85) Di-n-octyl phthalate	14.610	149	752567	91.670	ng	100
87) Indeno(1,2,3-cd)pyrene	16.956	276	480905	40.096	ng	99
88) Benzo(b)fluoranthene	15.062	252	610156	60.676	ng	99
89) Benzo(k)fluoranthene	15.092	252	578767	59.013	ng	99
90) Benzo(a)pyrene	15.427	252	532208	60.247	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	391587	39.913	ng	99
92) Benzo(g,h,i)perylene	17.398	276	345172	33.178	ng	99

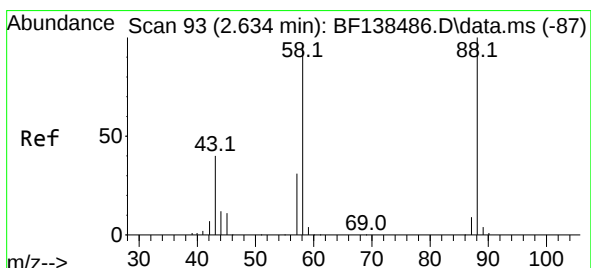
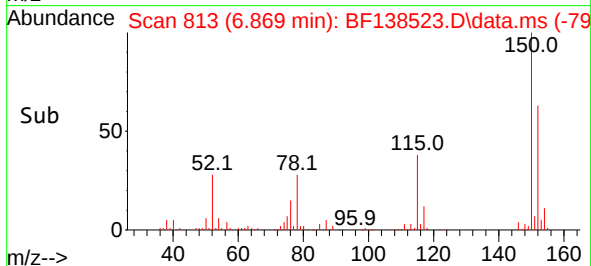
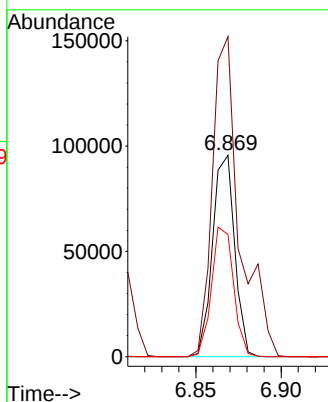
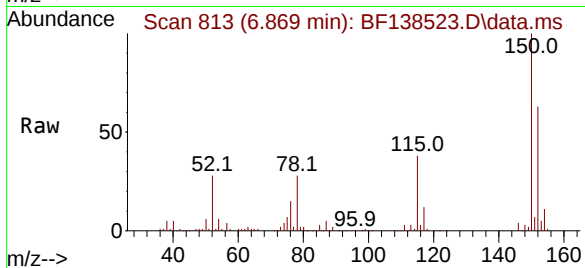
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF138523.D
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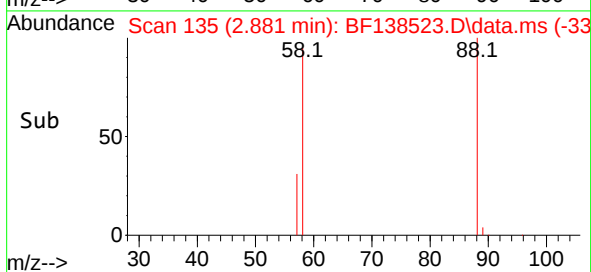
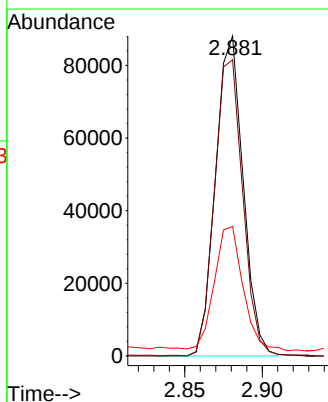
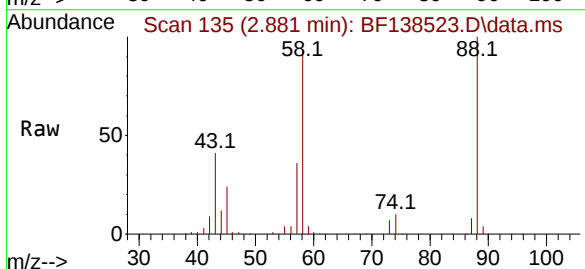
Instrument :
 BNA_F
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 VNJ-226MSD

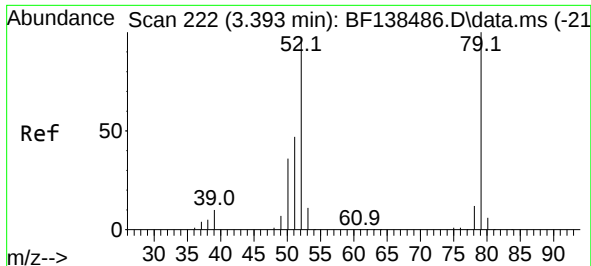
Tgt Ion:152 Resp: 86557
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.2 189.4
 115 60.7 50.3 75.5



#2
 1,4-Dioxane
 Concen: 45.171 ng
 RT: 2.881 min Scan# 135
 Delta R.T. 0.247 min
 Lab File: BF138523.D
 Acq: 11 Jul 2024 15:11

Tgt Ion: 88 Resp: 109337
 Ion Ratio Lower Upper
 88 100
 58 94.3 74.6 112.0
 43 0.0 31.8 47.6#

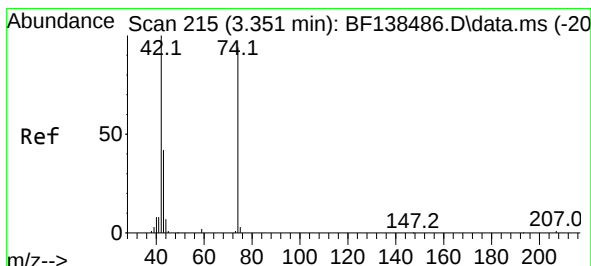
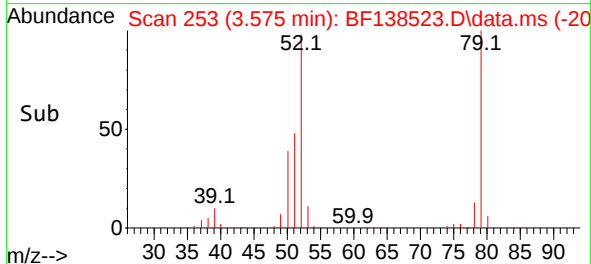
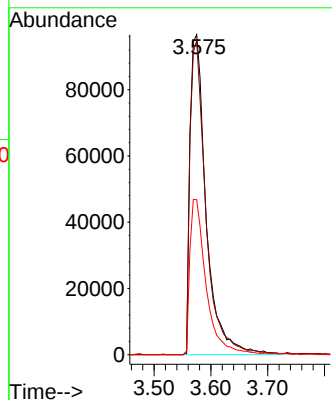
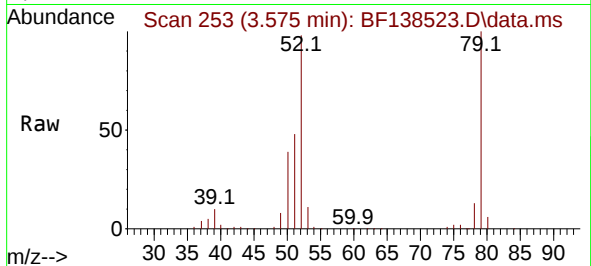




#3
 Pyridine
 Concen: 32.058 ng
 RT: 3.575 min Scan# 21
 Delta R.T. 0.182 min
 Lab File: BF138523.D
 Acq: 11 Jul 2024 15:11

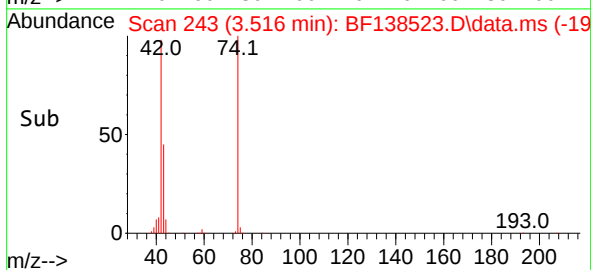
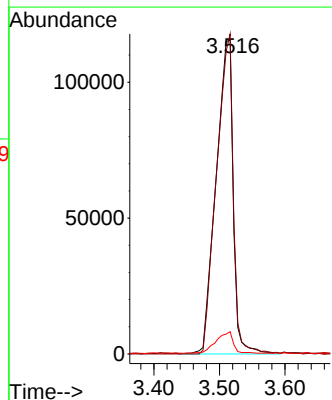
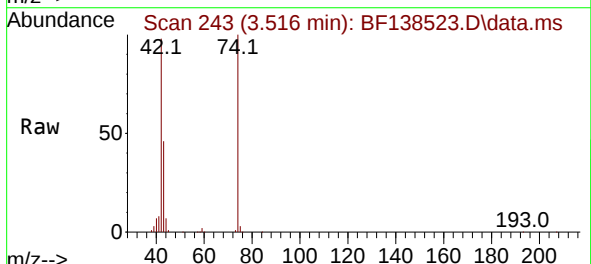
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 ClientSampleId :
 VNJ-226MSD

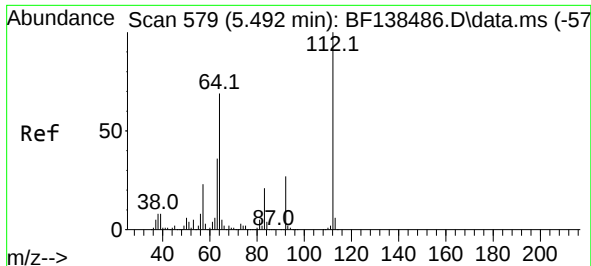
Tgt Ion: 79 Resp: 191364
 Ion Ratio Lower Upper
 79 100
 52 98.2 77.4 116.2
 51 48.4 37.4 56.0



#4
 n-Nitrosodimethylamine
 Concen: 53.975 ng
 RT: 3.516 min Scan# 243
 Delta R.T. 0.165 min
 Lab File: BF138523.D
 Acq: 11 Jul 2024 15:11

Tgt Ion: 42 Resp: 209738
 Ion Ratio Lower Upper
 42 100
 74 101.9 75.0 112.6
 44 7.1 5.4 8.2

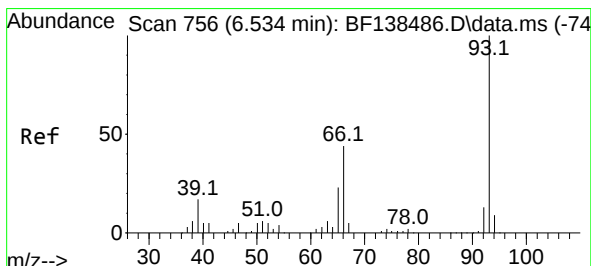
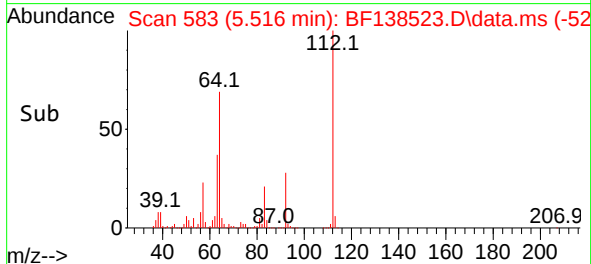
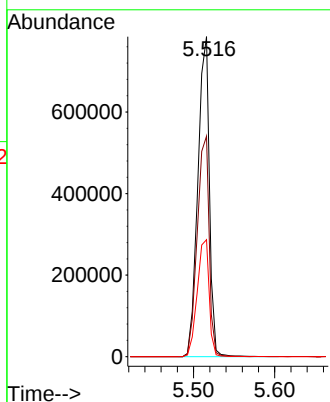
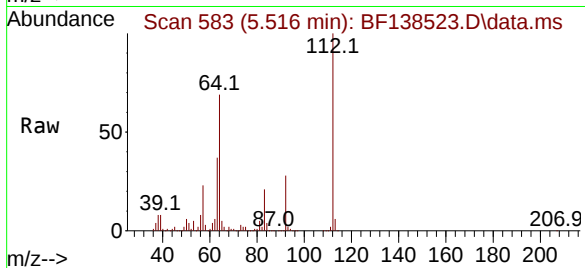




#5
2-Fluorophenol
Concen: 142.157 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

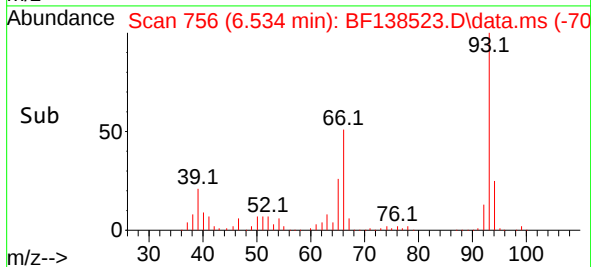
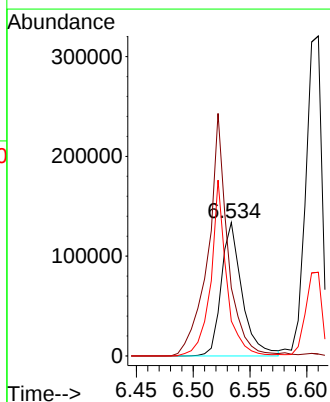
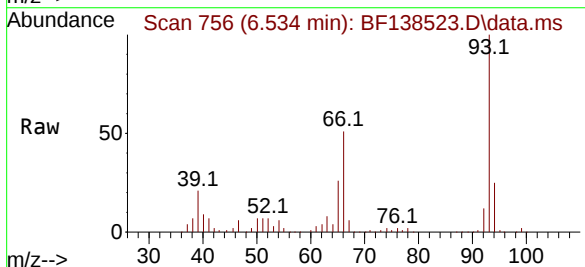
Instrument :
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ClientSampleId :
VNJ-226MSD

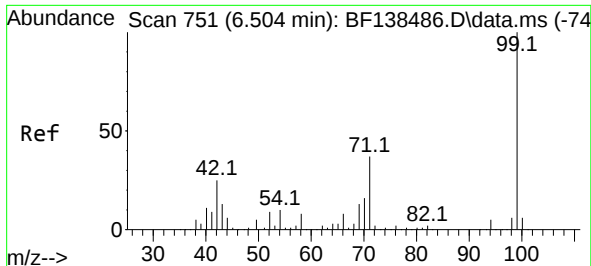
Tgt Ion:112 Resp: 776933
Ion Ratio Lower Upper
112 100
64 68.9 55.1 82.7
63 36.6 29.0 43.6



#6
Aniline
Concen: 25.001 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion: 93 Resp: 170253
Ion Ratio Lower Upper
93 100
66 51.0 35.4 53.0
65 26.2 18.6 27.8





#7

Phenol-d6

Concen: 139.277 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

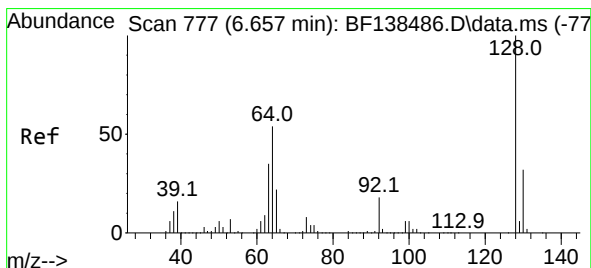
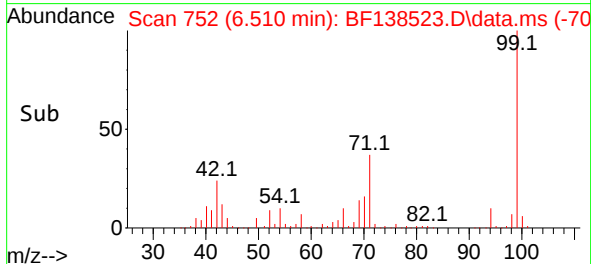
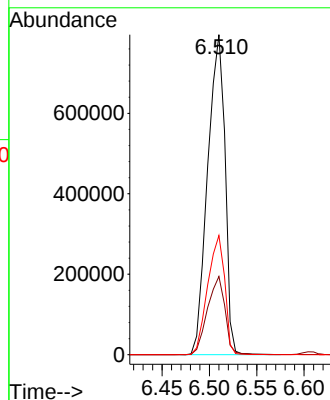
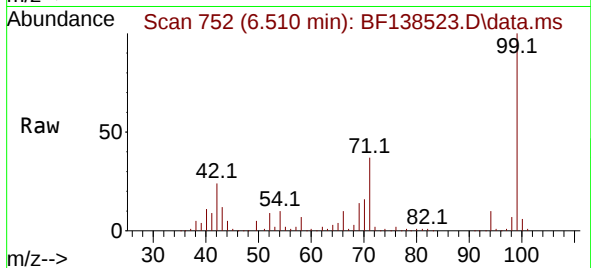
Tgt Ion: 99 Resp: 1012607

Ion Ratio Lower Upper

99 100

42 24.5 19.7 29.5

71 37.2 29.9 44.9



#8

2-Chlorophenol

Concen: 56.998 ng

RT: 6.657 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

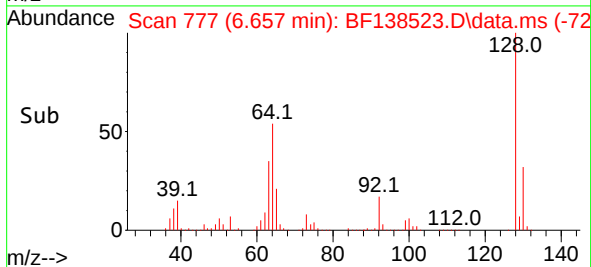
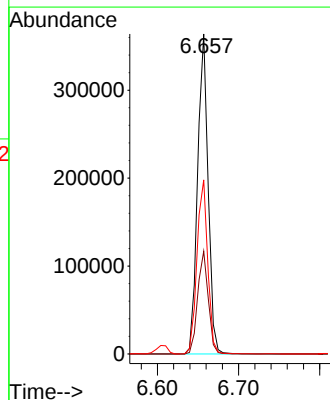
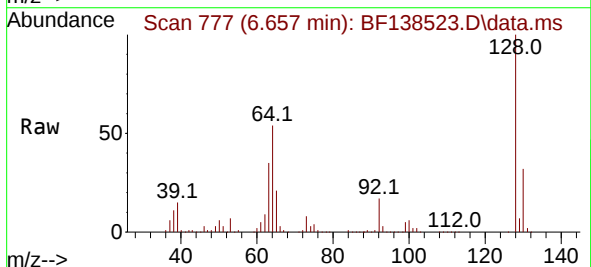
Tgt Ion:128 Resp: 329393

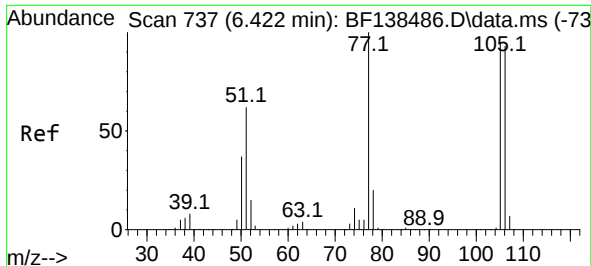
Ion Ratio Lower Upper

128 100

130 32.1 12.1 52.1

64 54.4 34.4 74.4

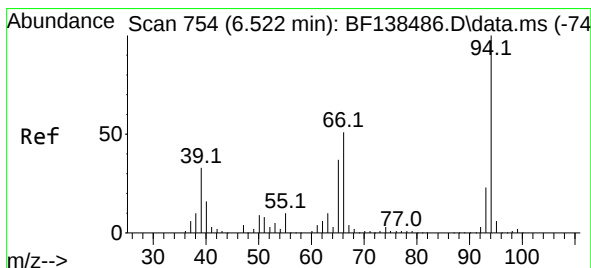
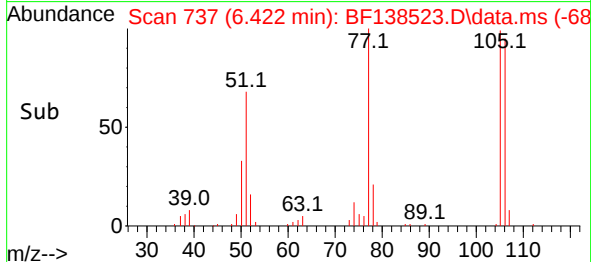
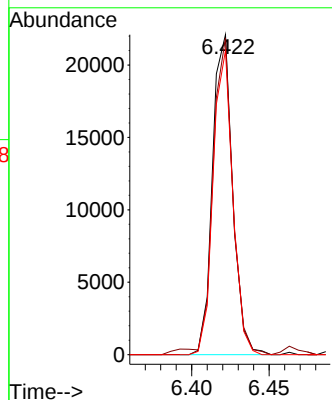
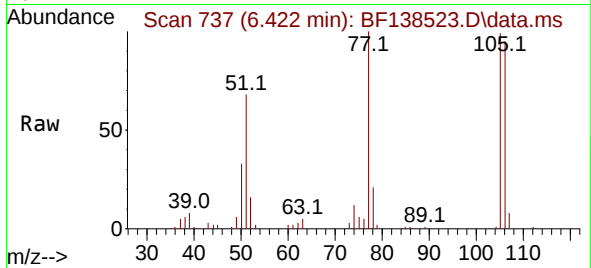




#9
Benzaldehyde
Concen: 5.134 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

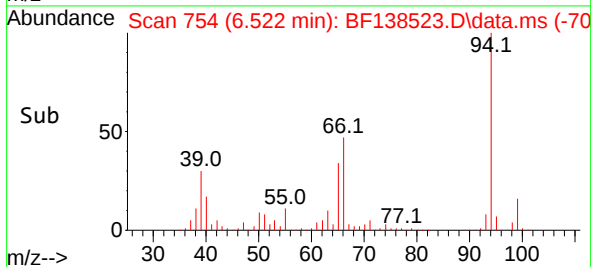
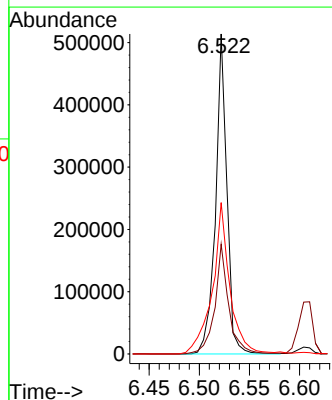
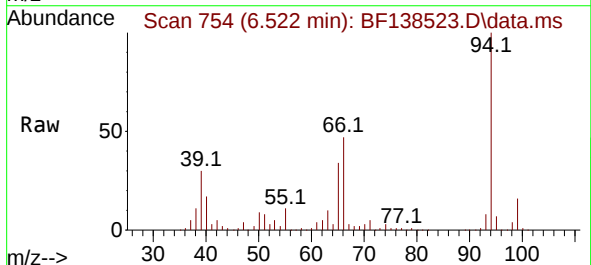
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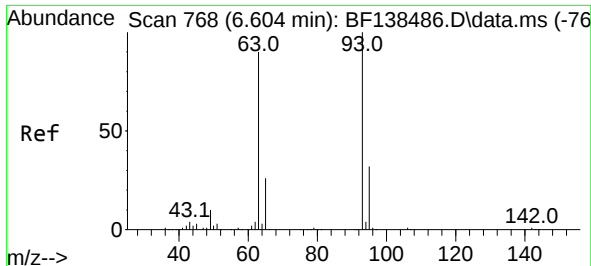
Tgt Ion: 77 Resp: 19980
Ion Ratio Lower Upper
77 100
105 99.0 75.1 115.1
106 95.0 73.2 113.2



#10
Phenol
Concen: 52.465 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion: 94 Resp: 404880
Ion Ratio Lower Upper
94 100
65 34.3 16.7 56.7
66 47.3 31.2 71.2

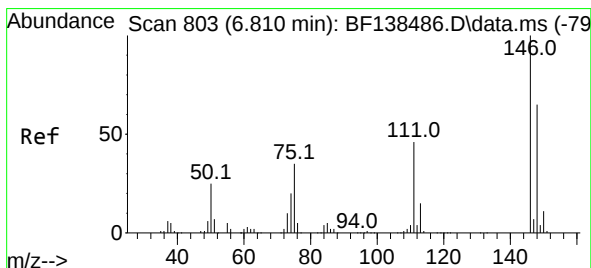
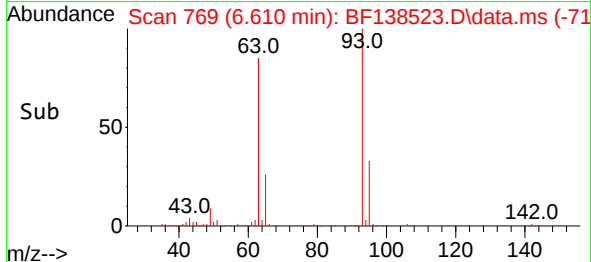
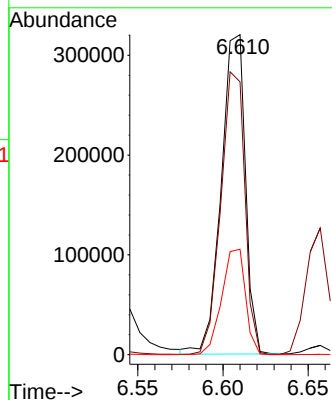
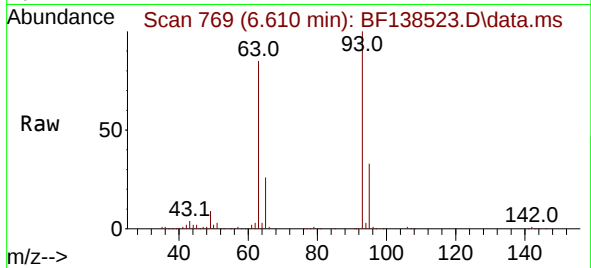




#11
bis(2-Chloroethyl)ether
Concen: 54.598 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

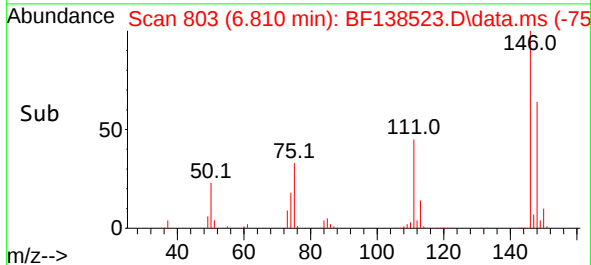
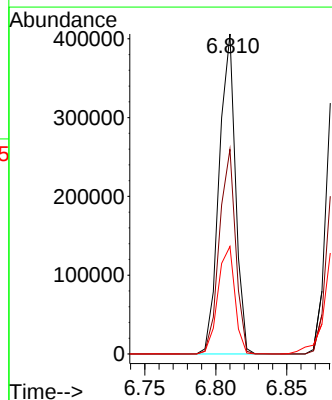
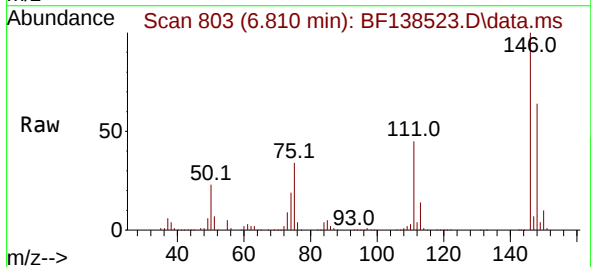
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

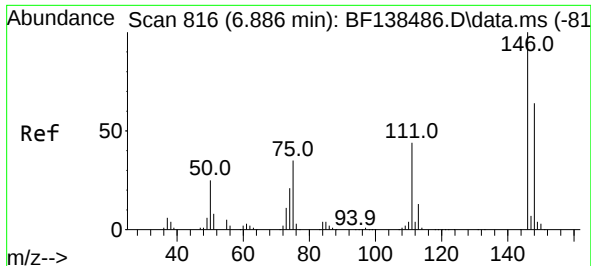
Tgt Ion: 93 Resp: 317229
Ion Ratio Lower Upper
93 100
63 85.2 68.8 108.8
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 50.037 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion: 146 Resp: 325036
Ion Ratio Lower Upper
146 100
148 63.9 52.4 78.6
75 33.6 27.8 41.8

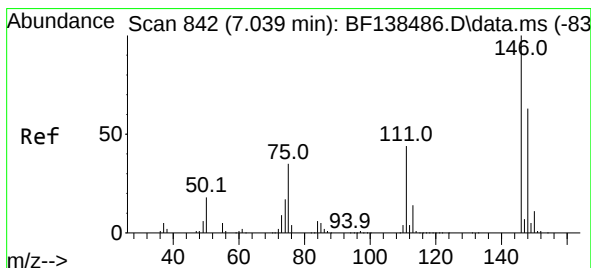
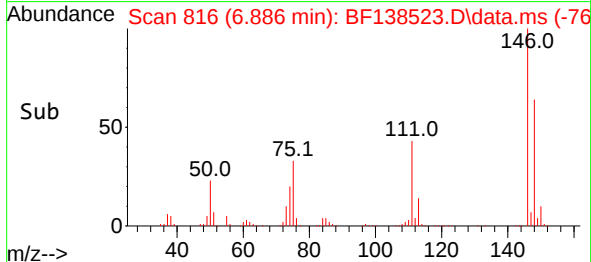
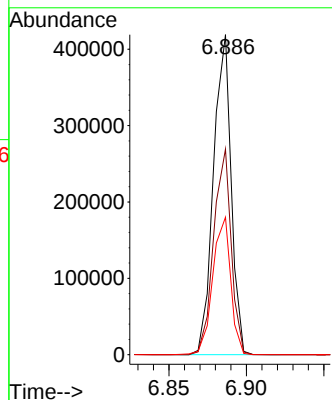
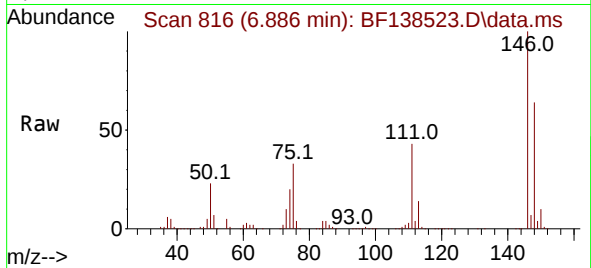




#13
1,4-Dichlorobenzene
Concen: 50.390 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

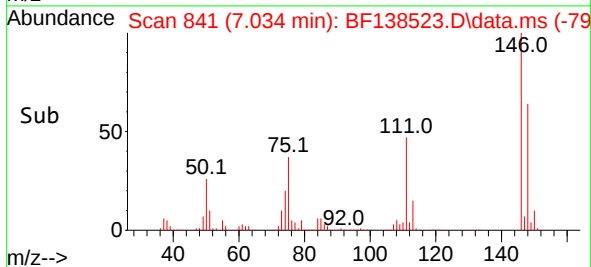
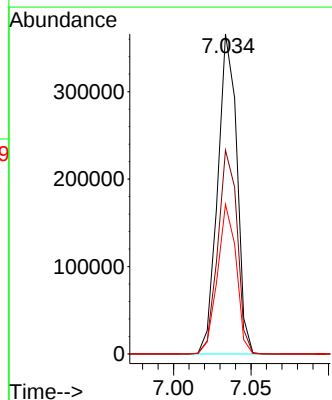
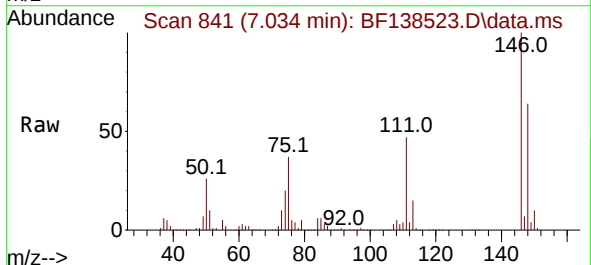
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

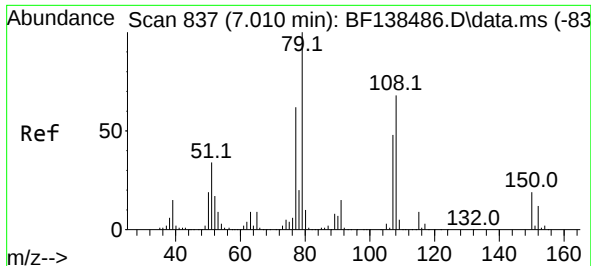
Tgt Ion:146 Resp: 332391
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
111 42.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 51.330 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:146 Resp: 315355
Ion Ratio Lower Upper
146 100
148 63.7 50.1 75.1
111 46.7 35.5 53.3

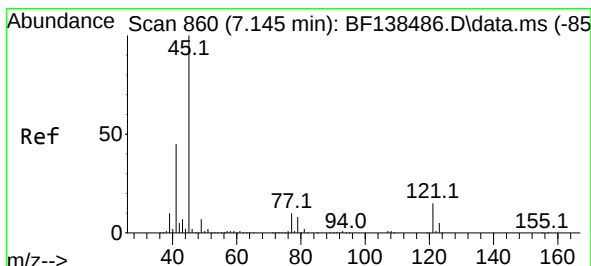
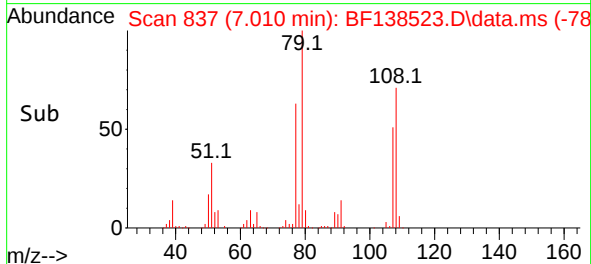
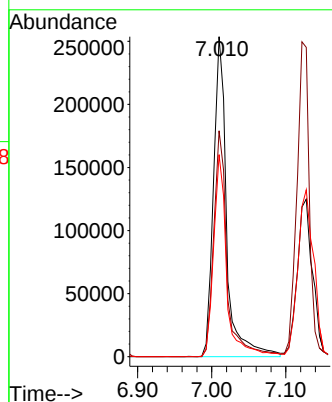
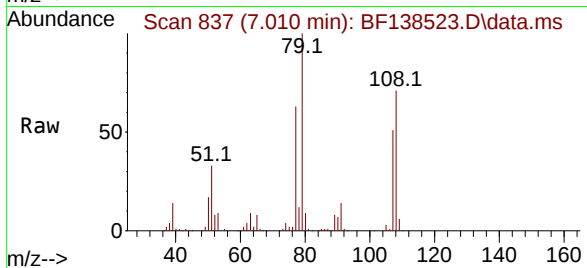




#15
Benzyl Alcohol
Concen: 57.424 ng
RT: 7.010 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

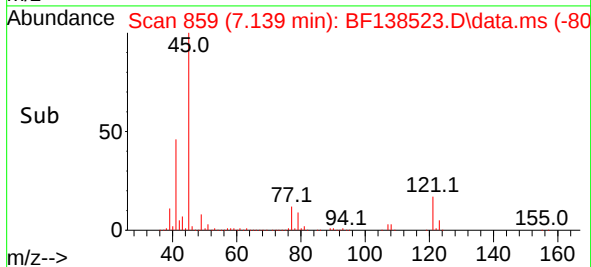
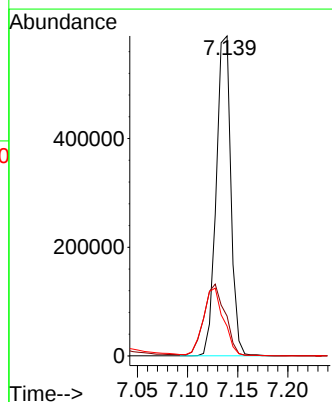
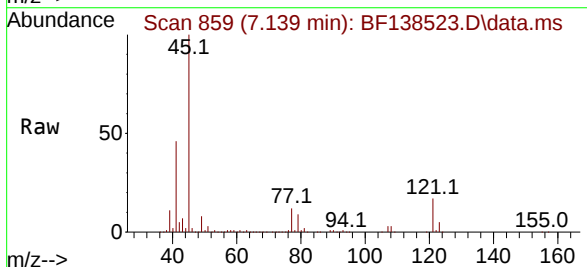
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

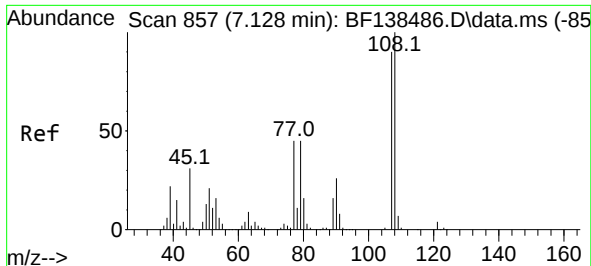
Tgt Ion: 79 Resp: 313323
Ion Ratio Lower Upper
79 100
108 70.6 54.3 81.5
77 63.1 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.307 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion: 45 Resp: 597666
Ion Ratio Lower Upper
45 100
77 12.5 0.0 30.4
79 9.3 0.0 28.1



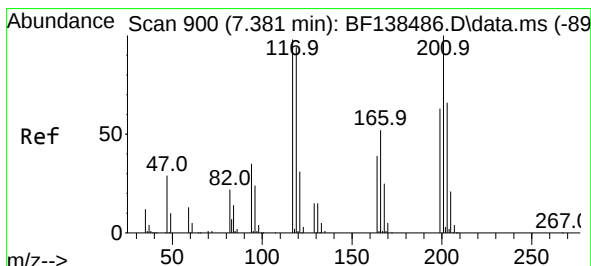
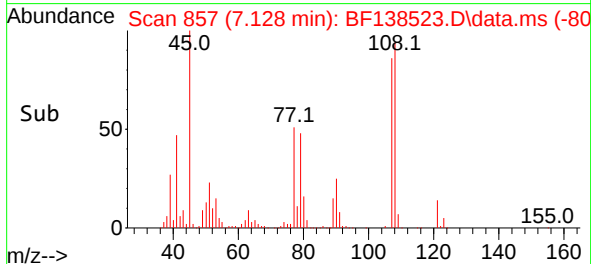
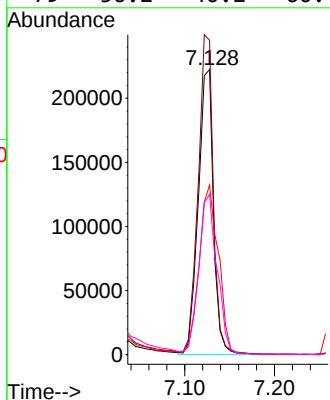
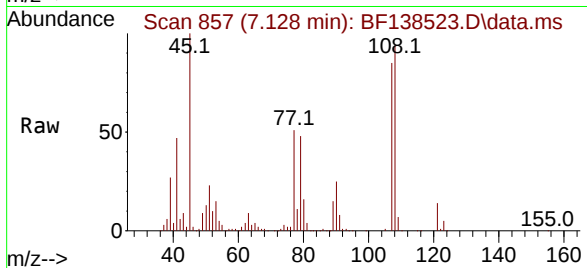


#17
2-Methylphenol
Concen: 55.169 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

Tgt Ion:107 Resp: 261294

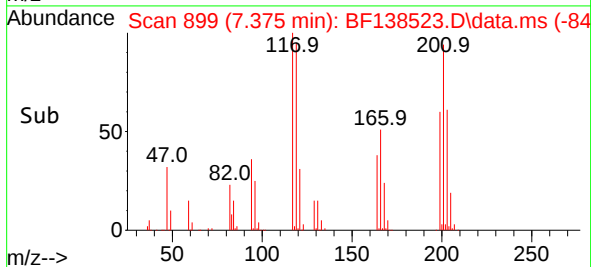
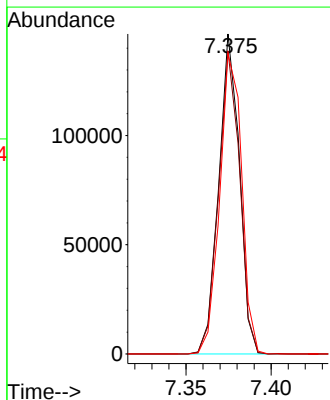
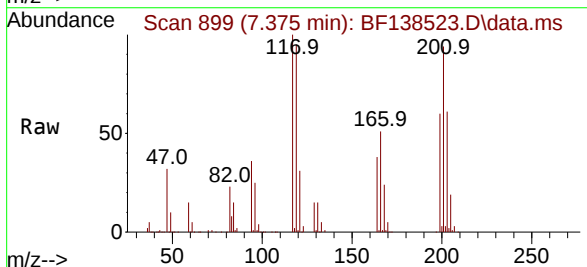
Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.0	133.4
77	59.5	40.3	60.5
79	56.2	40.2	60.4

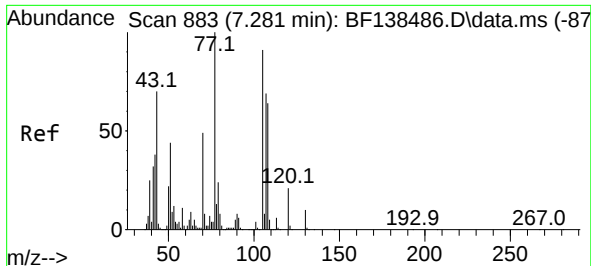


#18
Hexachloroethane
Concen: 51.050 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:117 Resp: 123796

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	114.8
201	94.0	81.4	122.0

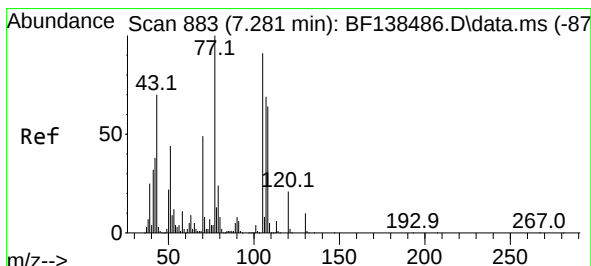
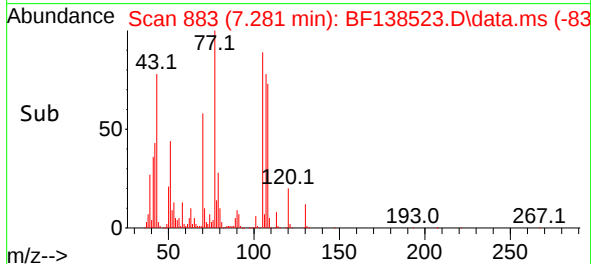
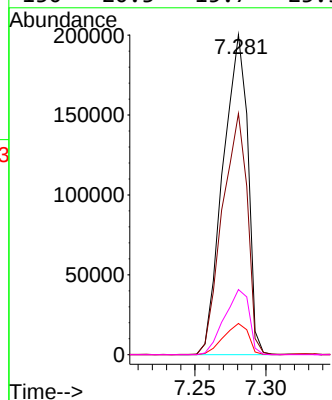
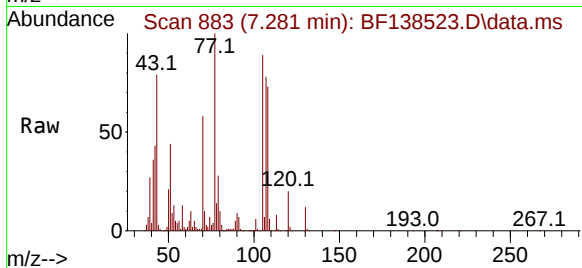




#19
n-Nitroso-di-n-propylamine
Concen: 54.286 ng
RT: 7.281 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

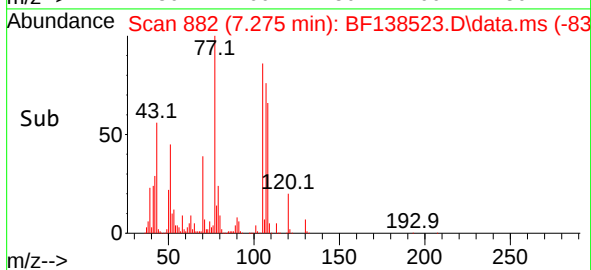
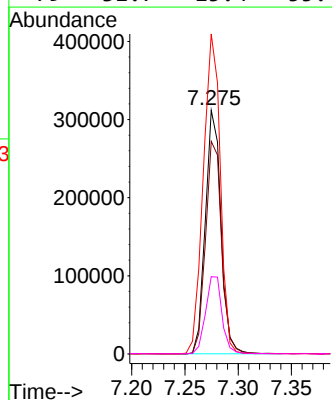
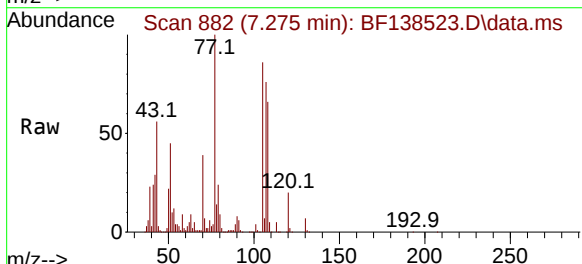
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

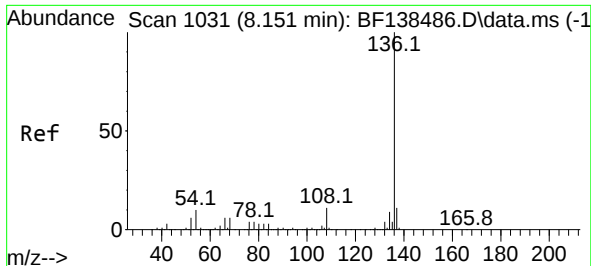
Tgt Ion:	70	Resp:	243878
Ion	Ratio	Lower	Upper
70	100		
42	75.3	62.4	93.6
101	9.7	7.2	10.8
130	20.3	15.7	23.5



#20
3+4-Methylphenols
Concen: 53.454 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:	107	Resp:	318808
Ion	Ratio	Lower	Upper
107	100		
108	87.3	73.7	113.7
77	131.3	126.0	166.0
79	31.7	15.4	55.4

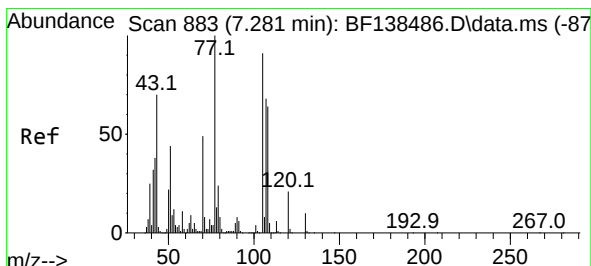
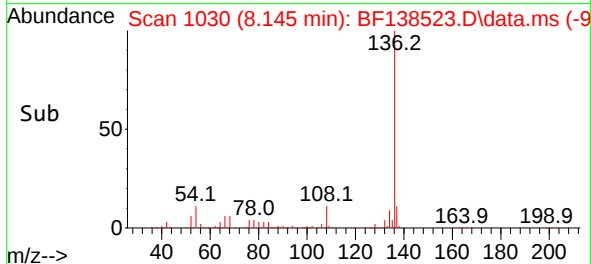
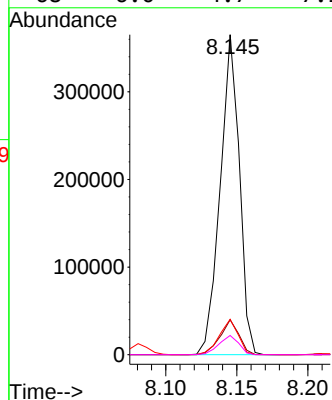
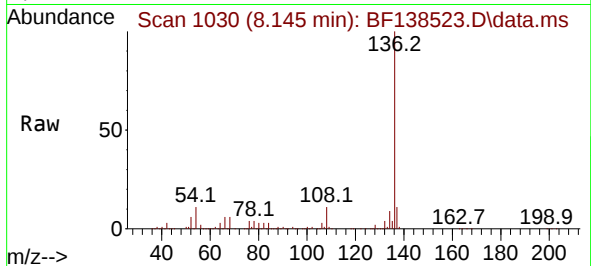




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

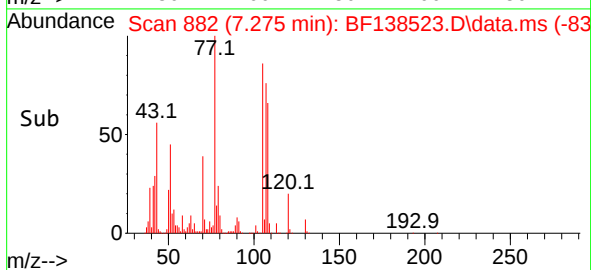
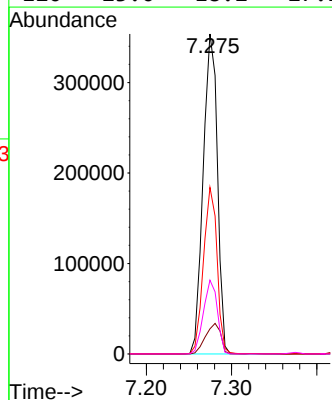
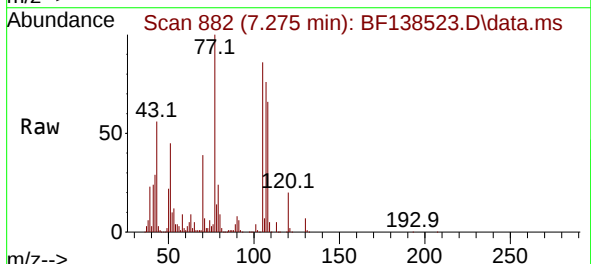
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

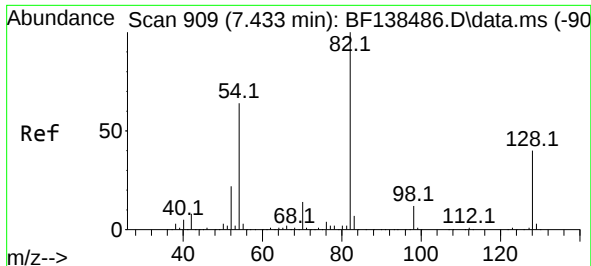
Tgt Ion:136	Resp: 342308
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 11.1	8.1 12.1
68 6.0	4.7 7.1



#22
Acetophenone
Concen: 49.335 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt	Ion:105	Resp:	410153
Ion	Ratio	Lower	Upper
105	100		
71	7.8	7.4	11.2
51	52.1	38.7	58.1
120	23.0	18.2	27.2





#23

Nitrobenzene-d5

Concen: 97.593 ng

RT: 7.433 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

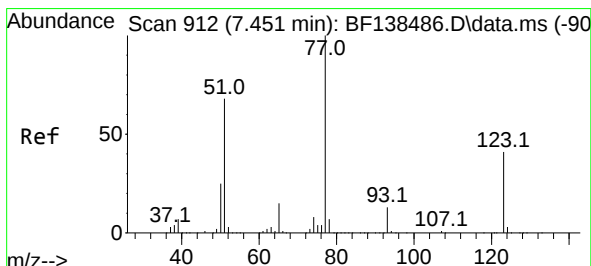
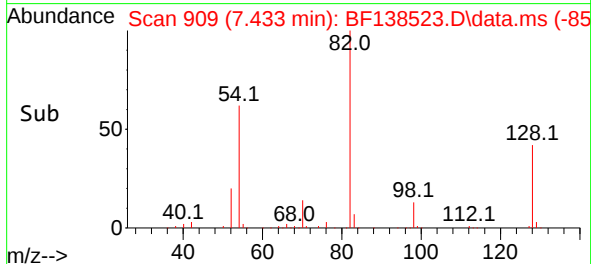
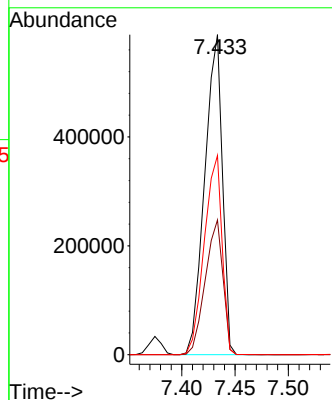
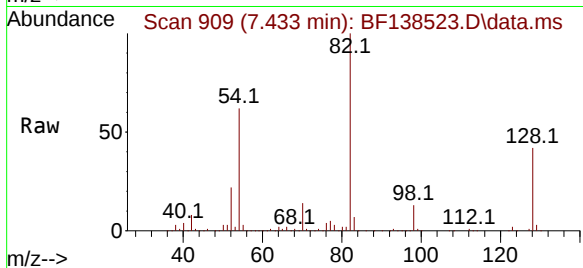
Tgt Ion: 82 Resp: 680417

Ion Ratio Lower Upper

82 100

128 42.1 32.3 48.5

54 62.2 51.4 77.0



#24

Nitrobenzene

Concen: 52.660 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

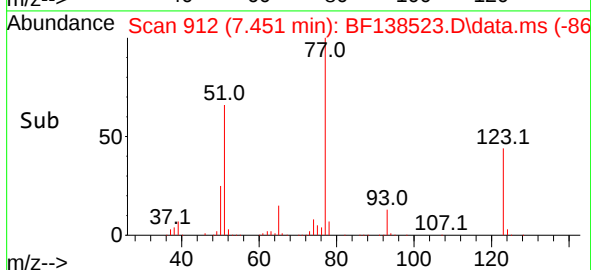
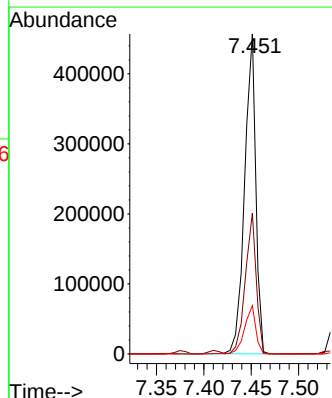
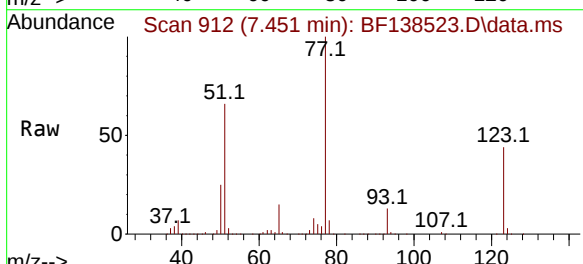
Tgt Ion: 77 Resp: 373102

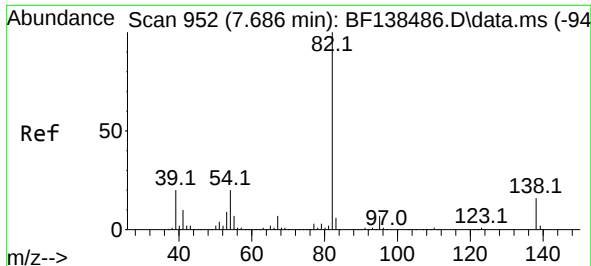
Ion Ratio Lower Upper

77 100

123 44.0 32.4 48.6

65 15.1 11.8 17.8

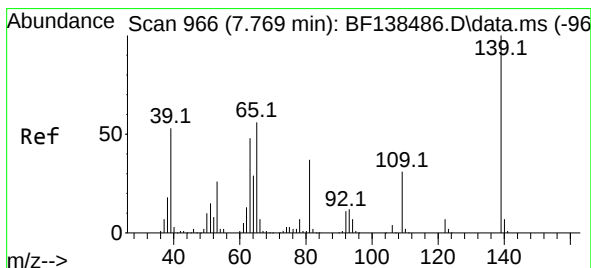
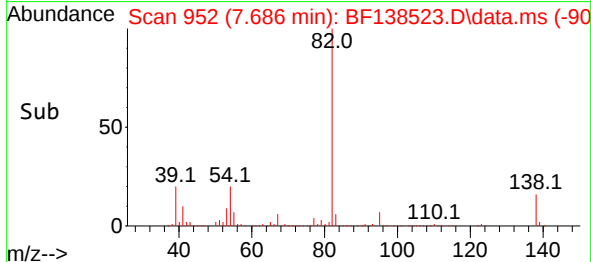
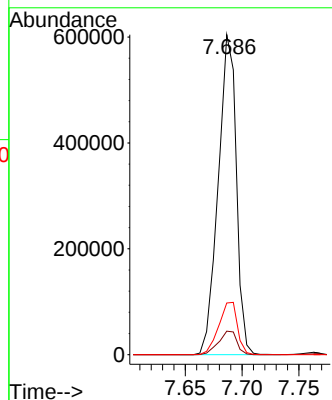
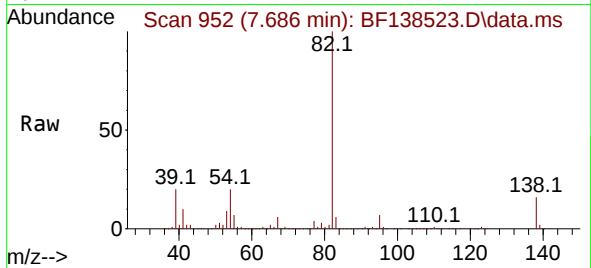




#25
Isophorone
Concen: 56.128 ng
RT: 7.686 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

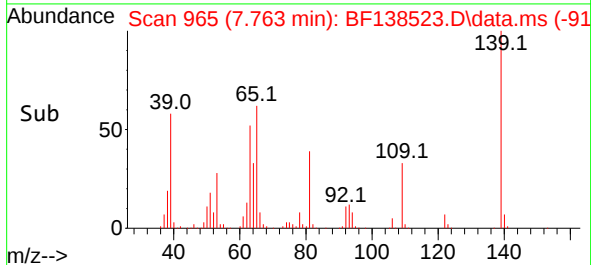
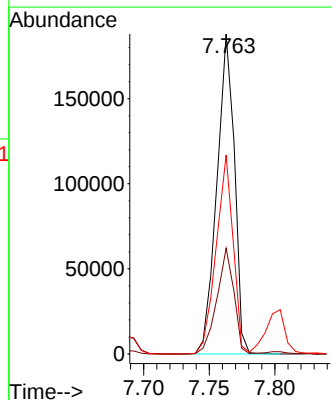
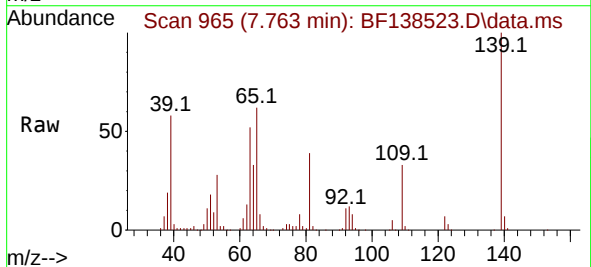
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

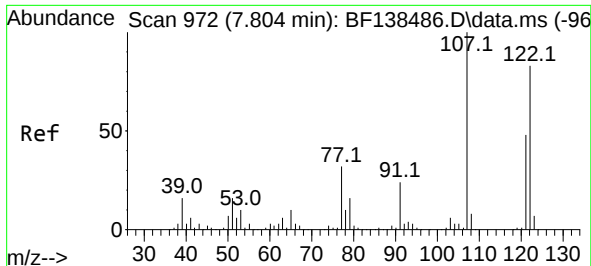
Tgt Ion: 82 Resp: 672020
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.1 12.8 19.2



#26
2-Nitrophenol
Concen: 57.548 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:139 Resp: 174755
Ion Ratio Lower Upper
139 100
109 33.0 24.8 37.2
65 62.2 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 61.735 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

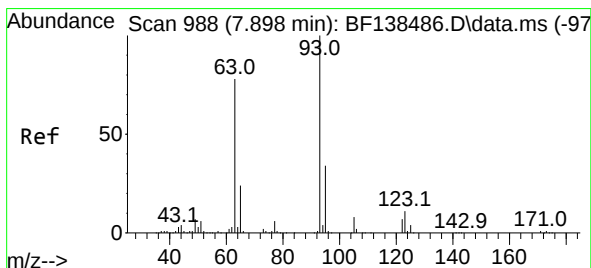
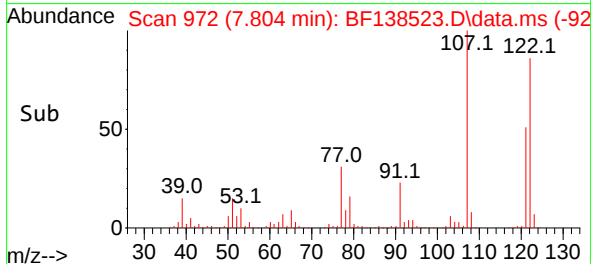
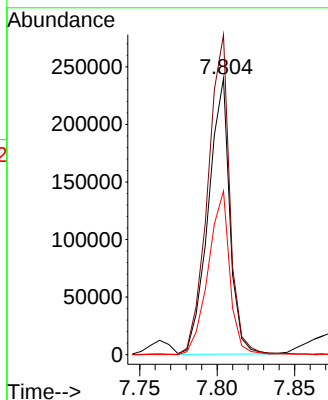
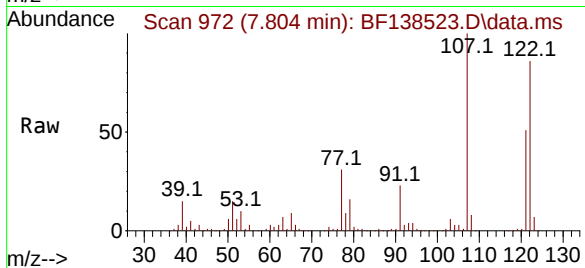
Tgt Ion:122 Resp: 230408

Ion Ratio Lower Upper

122 100

107 115.8 96.3 144.5

121 59.2 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 55.509 ng

RT: 7.898 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

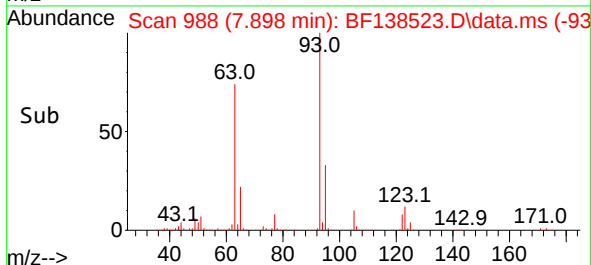
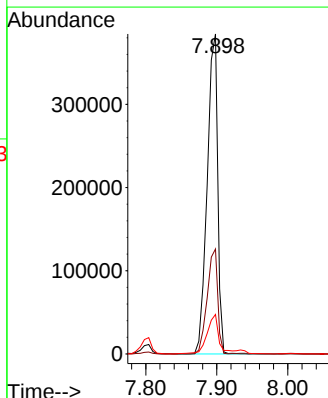
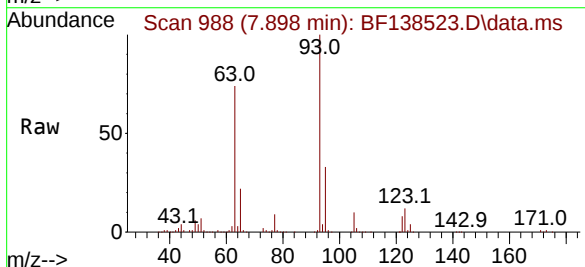
Tgt Ion: 93 Resp: 397199

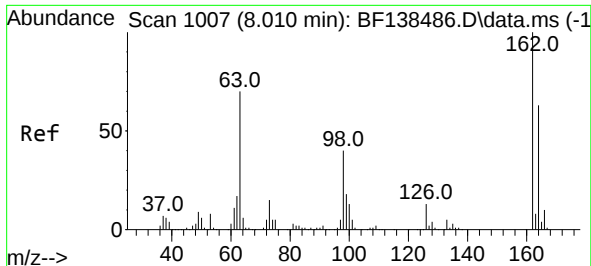
Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.6

123 12.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 57.087 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

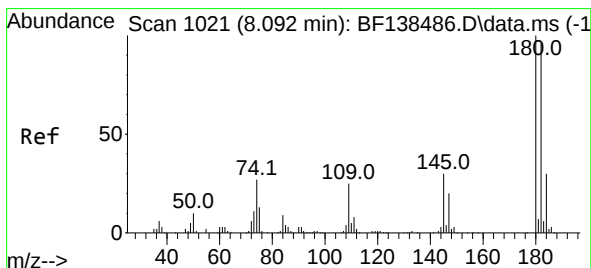
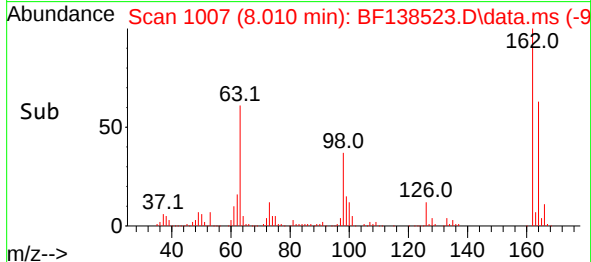
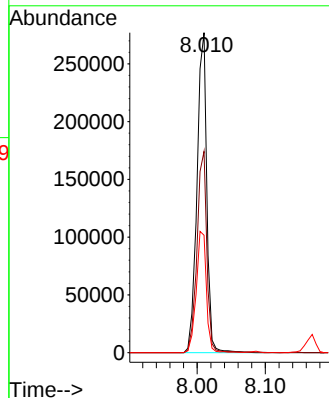
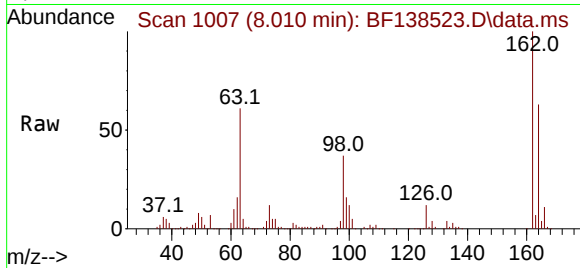
Tgt Ion:162 Resp: 276679

Ion Ratio Lower Upper

162 100

164 62.9 42.6 82.6

98 36.7 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 51.687 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

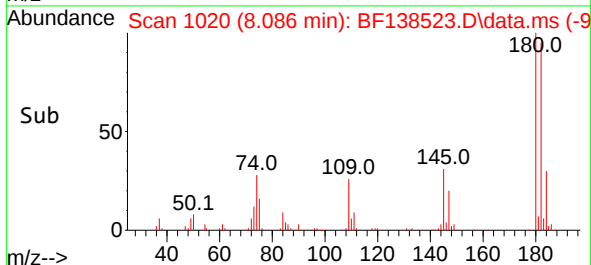
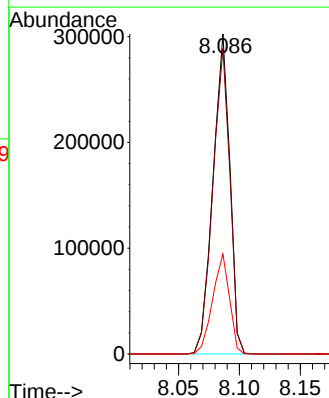
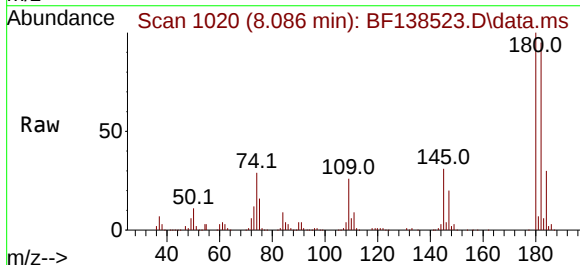
Tgt Ion:180 Resp: 291829

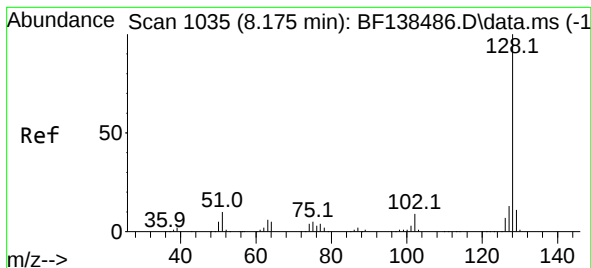
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 31.2 23.9 35.9





#31

Naphthalene

Concen: 52.416 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

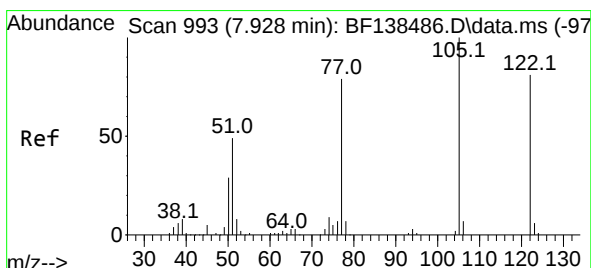
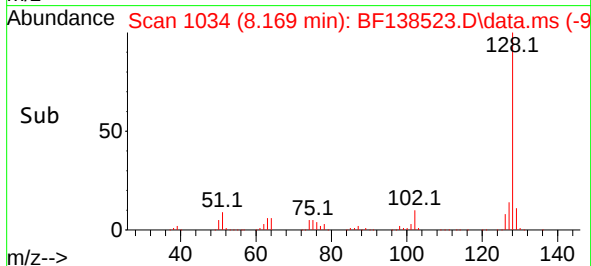
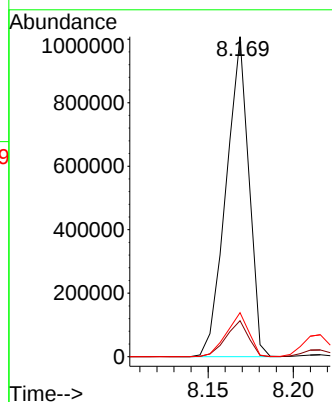
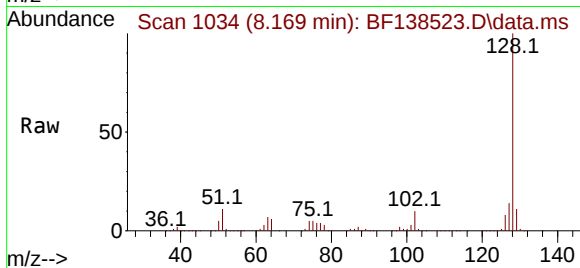
Tgt Ion:128 Resp: 933142

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.8 10.7 16.1



#32

Benzoic acid

Concen: 49.708 ng

RT: 7.933 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

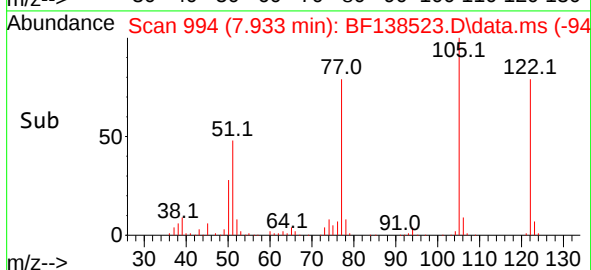
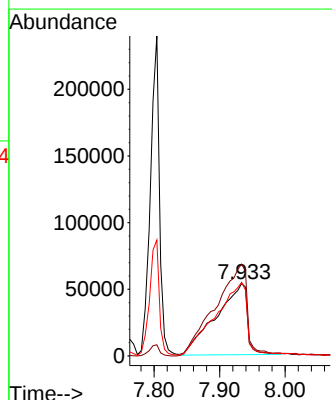
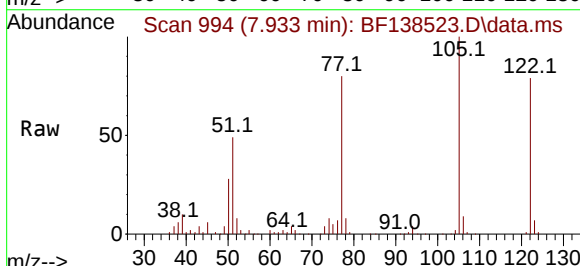
Tgt Ion:122 Resp: 176946

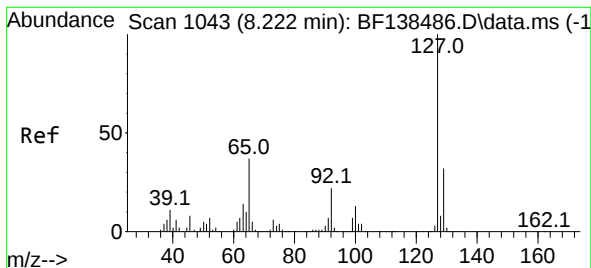
Ion Ratio Lower Upper

122 100

105 126.8 101.5 141.5

77 101.5 77.3 117.3





#33

4-Chloroaniline

Concen: 15.906 ng

RT: 8.216 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

Tgt Ion:127 Resp: 99359

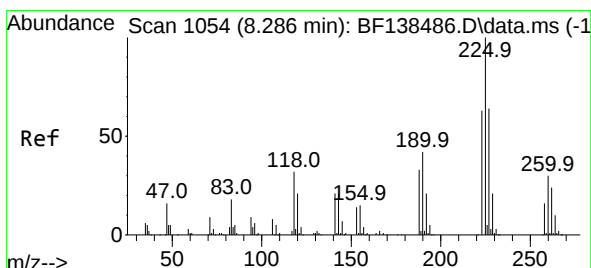
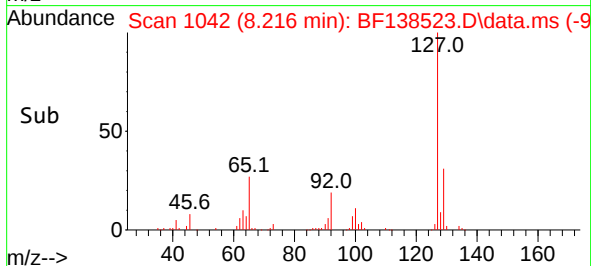
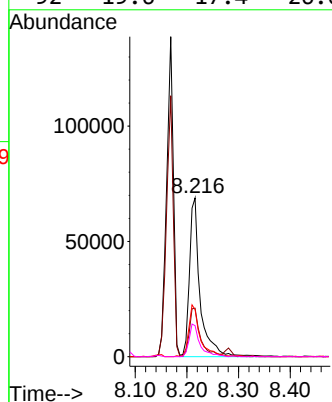
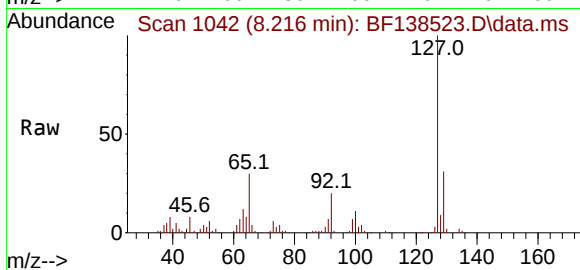
Ion Ratio Lower Upper

127 100

129 30.5 25.6 38.4

65 29.6 29.6 44.4

92 19.6 17.4 26.0



#34

Hexachlorobutadiene

Concen: 50.318 ng

RT: 8.281 min Scan# 1053

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

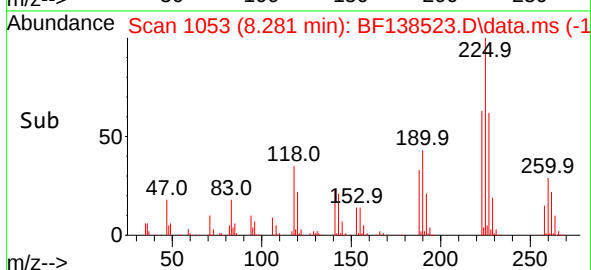
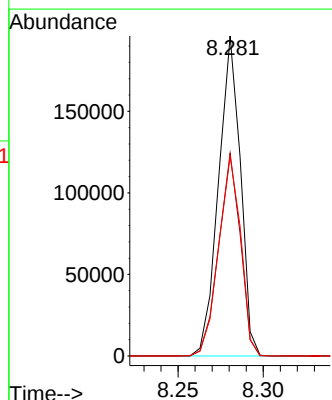
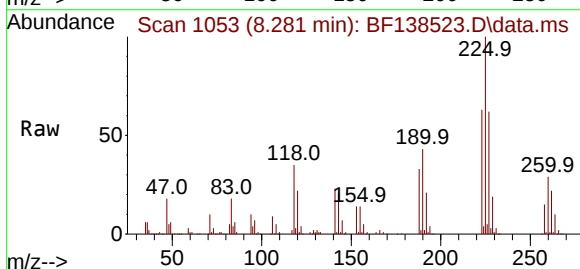
Tgt Ion:225 Resp: 174943

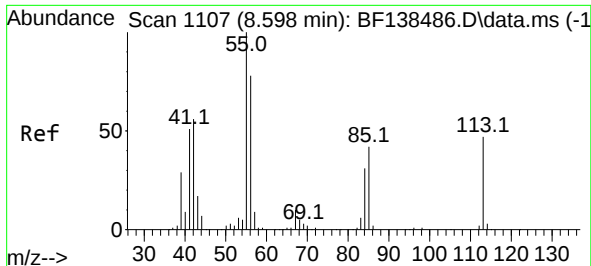
Ion Ratio Lower Upper

225 100

223 63.4 50.0 75.0

227 62.4 51.0 76.6

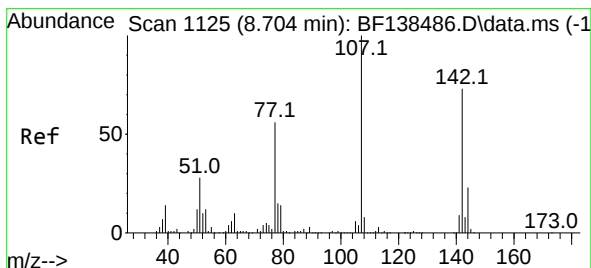
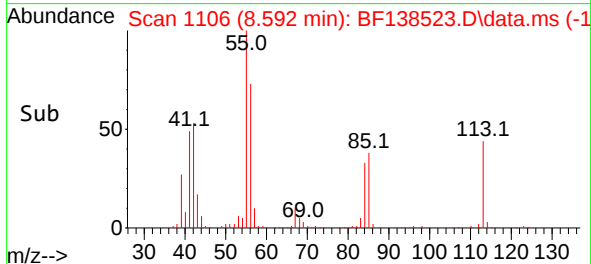
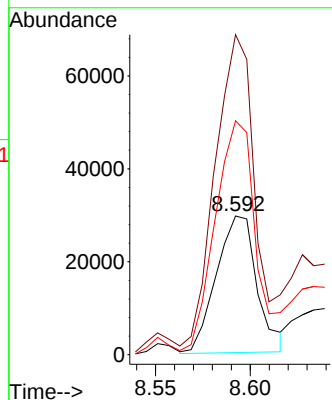
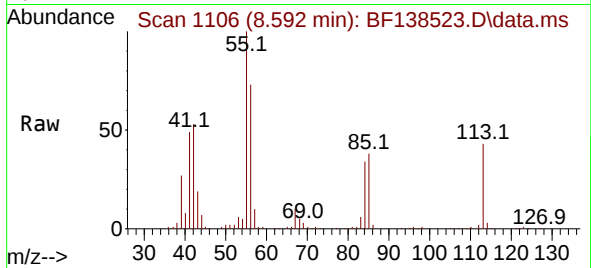




#35
 Caprolactam
 Concen: 28.101 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF138523.D
 Acq: 11 Jul 2024 15:11

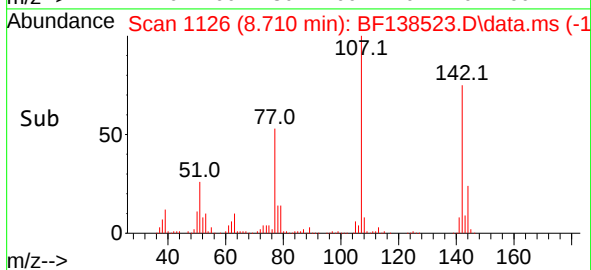
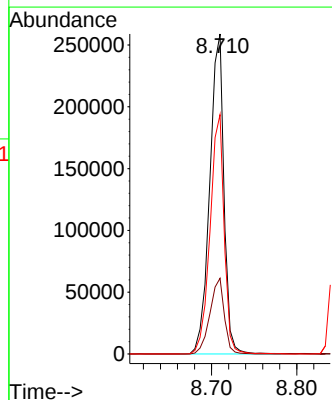
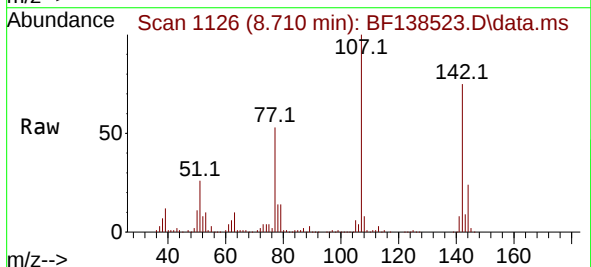
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226MSD

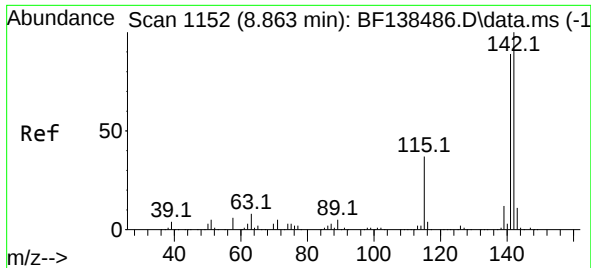
Tgt Ion:113 Resp: 43949
 Ion Ratio Lower Upper
 113 100
 55 230.6 192.5 232.5
 56 168.5 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 55.265 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF138523.D
 Acq: 11 Jul 2024 15:11

Tgt Ion:107 Resp: 299866
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.6 27.8
 142 74.8 58.6 88.0

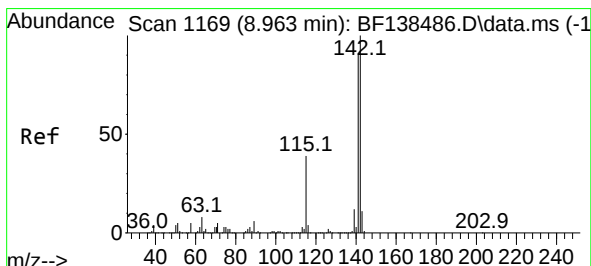
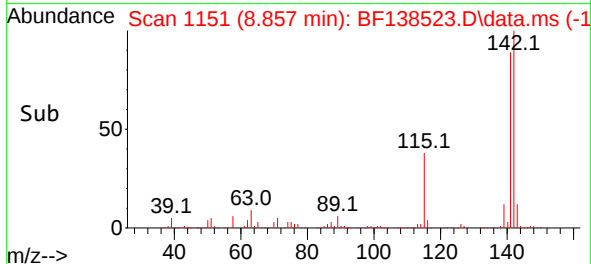
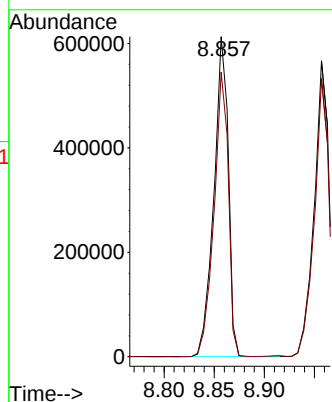
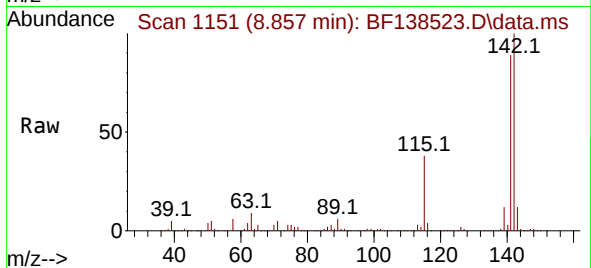




#37
2-Methylnaphthalene
Concen: 53.564 ng
RT: 8.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

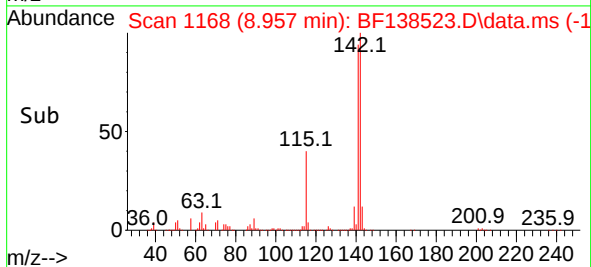
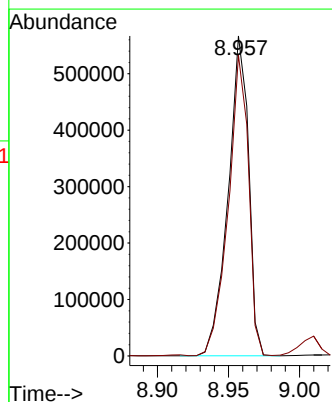
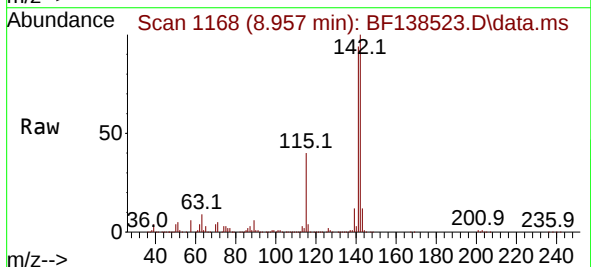
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

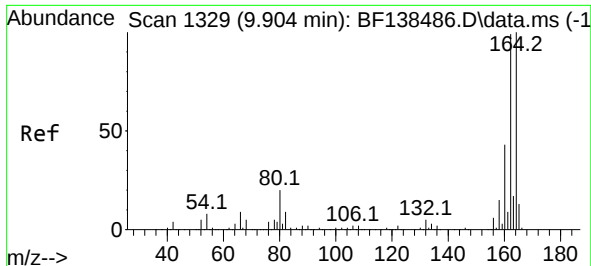
Tgt Ion:142 Resp: 613665
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0



#38
1-Methylnaphthalene
Concen: 50.706 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:142 Resp: 566943
Ion Ratio Lower Upper
142 100
141 94.0 72.6 108.8

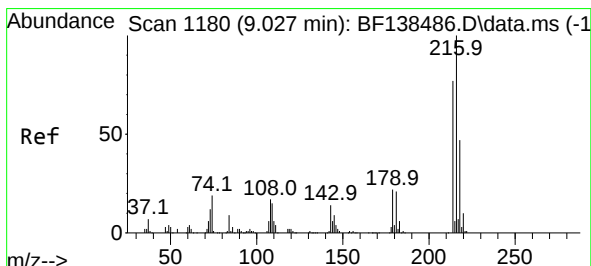
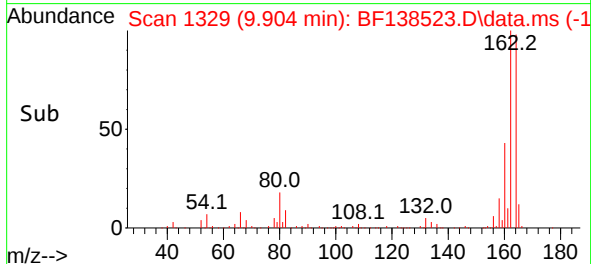
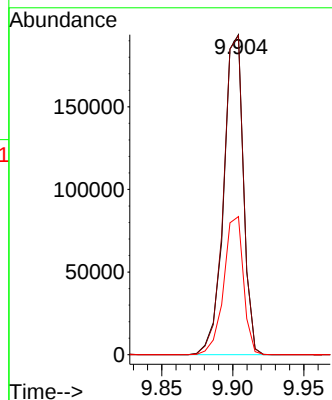
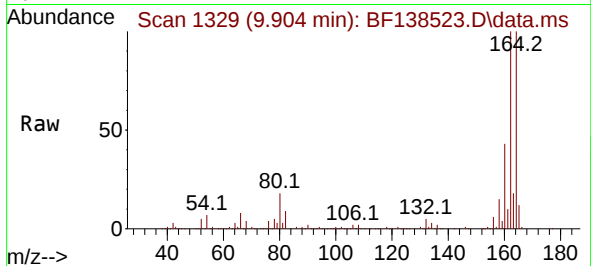




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

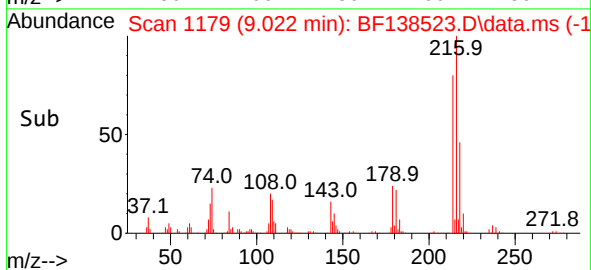
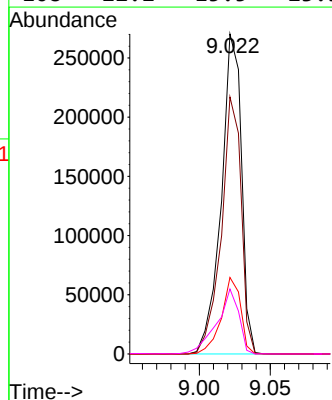
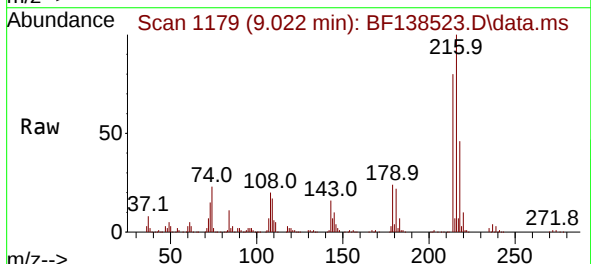
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

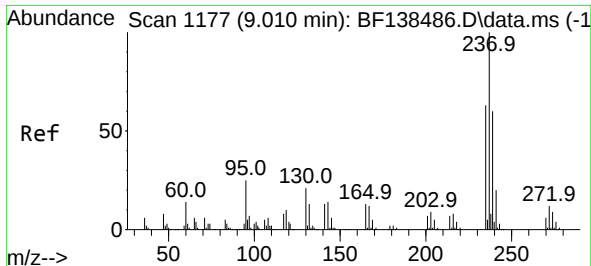
Tgt Ion:164 Resp: 186000
Ion Ratio Lower Upper
164 100
162 99.7 79.0 118.6
160 43.1 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.450 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:216 Resp: 266713
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 22.8 17.7 26.5
108 22.2 15.5 23.3

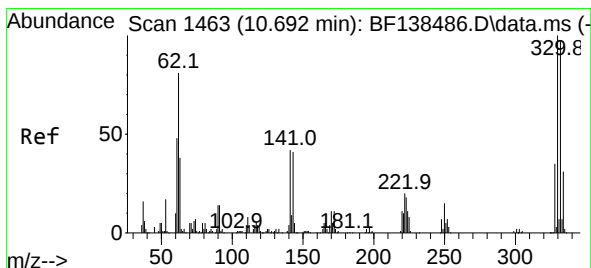
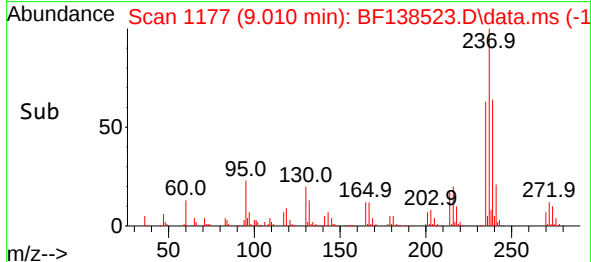
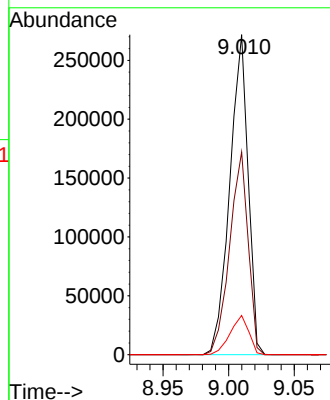
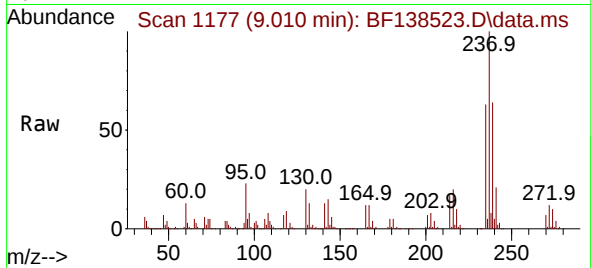




#41
Hexachlorocyclopentadiene
Concen: 157.012 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

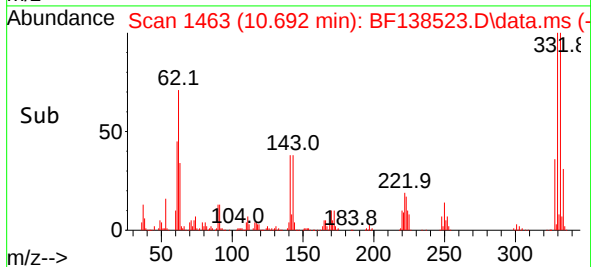
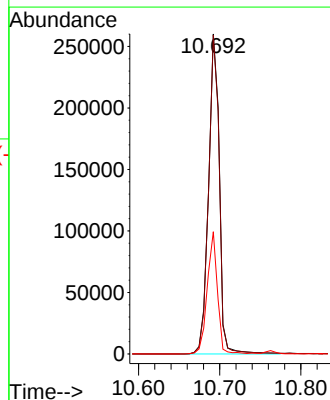
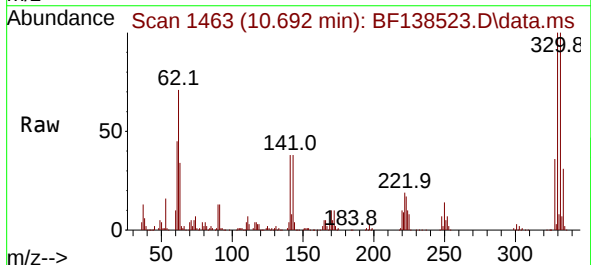
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

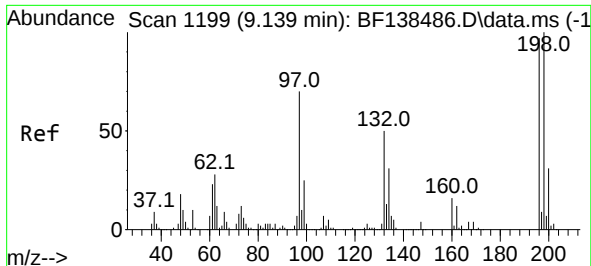
Tgt Ion:237 Resp: 264190
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 12.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 138.139 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:330 Resp: 240134
Ion Ratio Lower Upper
330 100
332 99.0 76.8 115.2
141 36.2 29.4 44.2

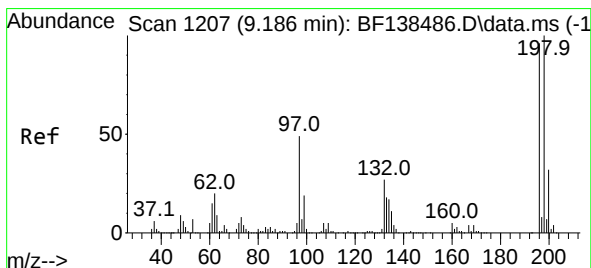
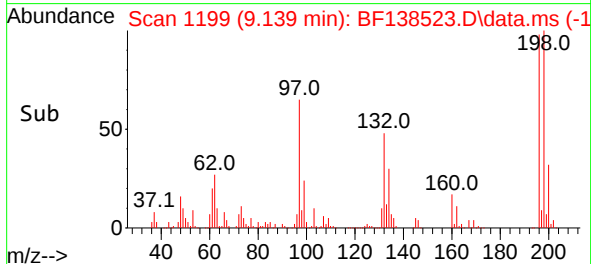
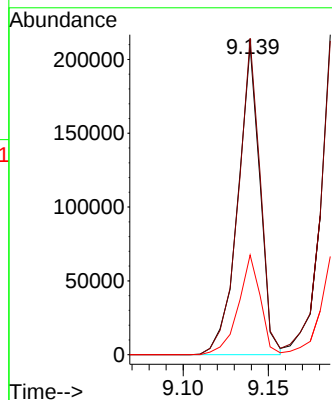
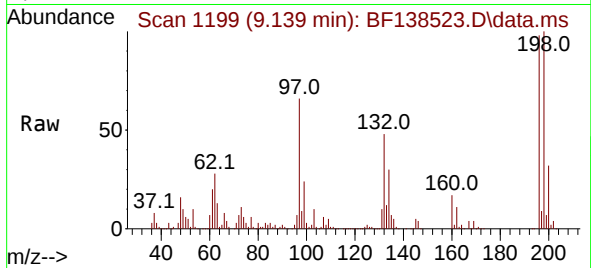




#43
2,4,6-Trichlorophenol
Concen: 57.190 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

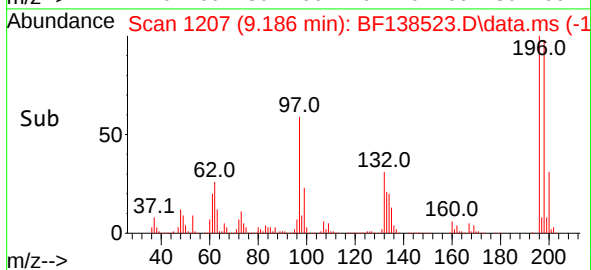
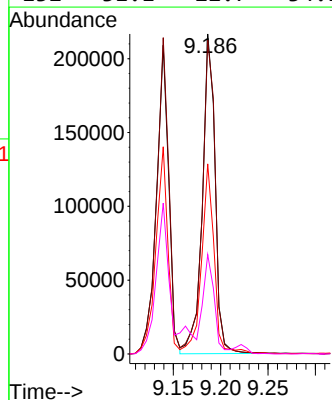
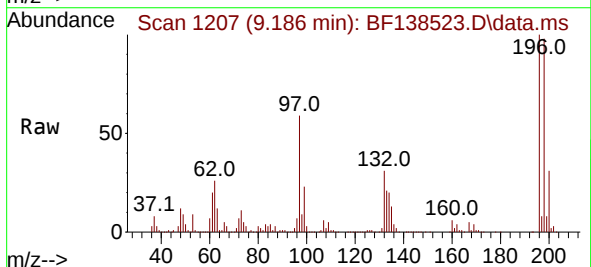
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

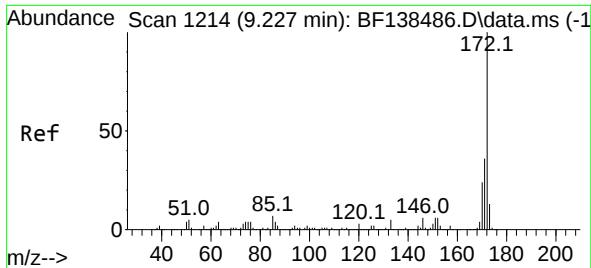
Tgt Ion:196 Resp: 189112
Ion Ratio Lower Upper
196 100
198 102.4 82.3 123.5
200 32.3 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 55.790 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:196 Resp: 202907
Ion Ratio Lower Upper
196 100
198 98.1 82.8 124.2
97 59.4 41.0 61.4
132 31.1 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 99.398 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

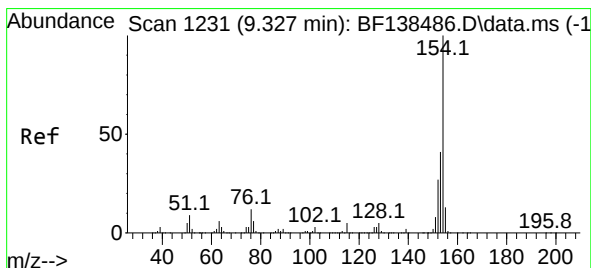
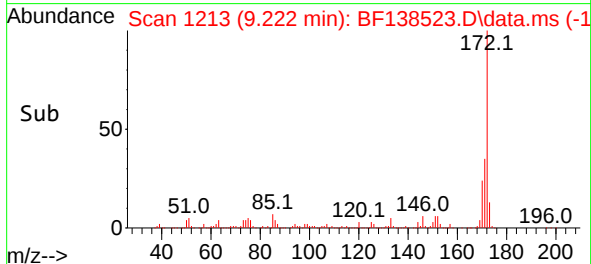
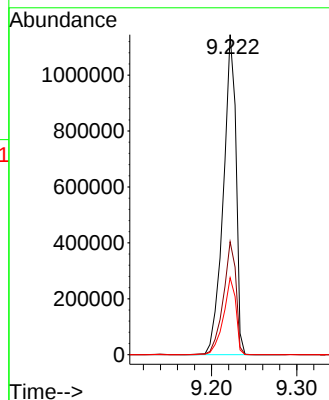
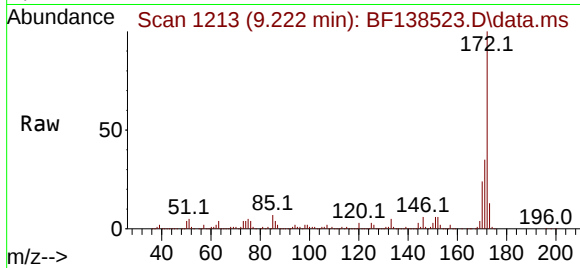
Tgt Ion:172 Resp: 1182923

Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 24.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 51.995 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

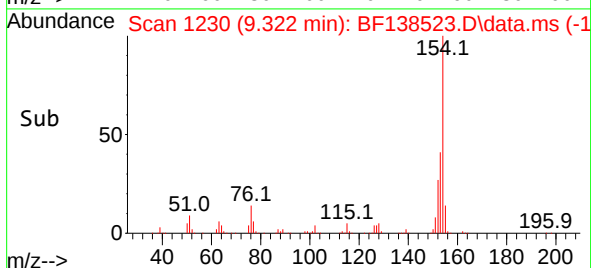
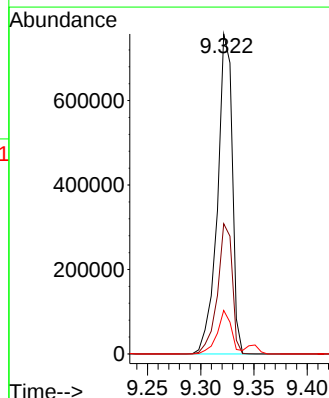
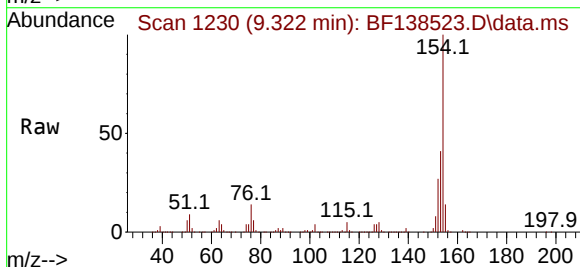
Tgt Ion:154 Resp: 732923

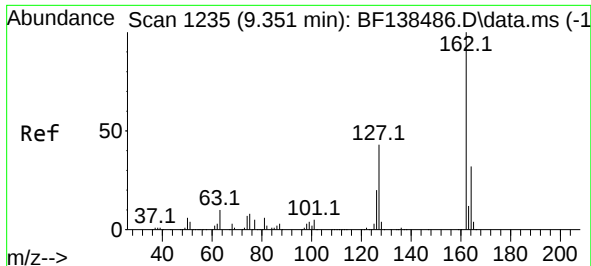
Ion Ratio Lower Upper

154 100

153 40.7 20.7 60.7

76 13.6 0.0 32.2





#47

2-Chloronaphthalene

Concen: 54.897 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

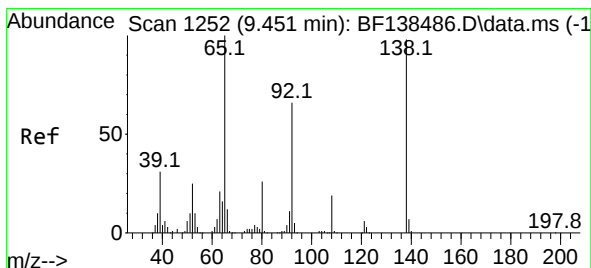
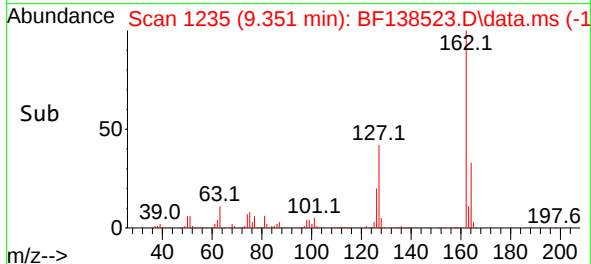
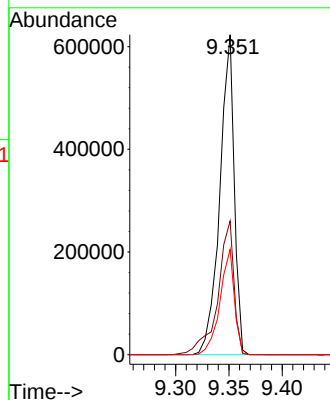
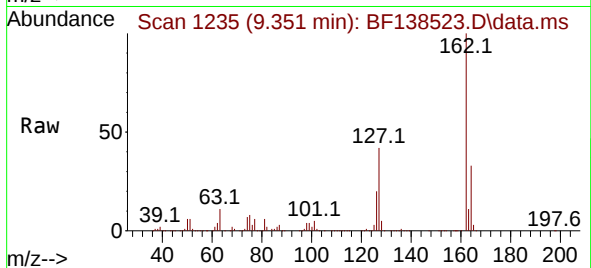
Tgt Ion:162 Resp: 584595

Ion Ratio Lower Upper

162 100

127 41.8 34.8 52.2

164 32.9 25.6 38.4



#48

2-Nitroaniline

Concen: 54.926 ng

RT: 9.445 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

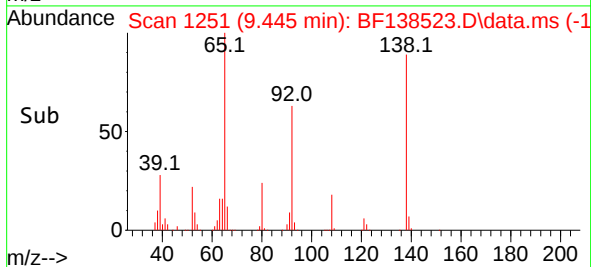
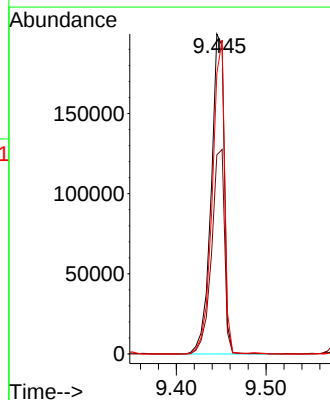
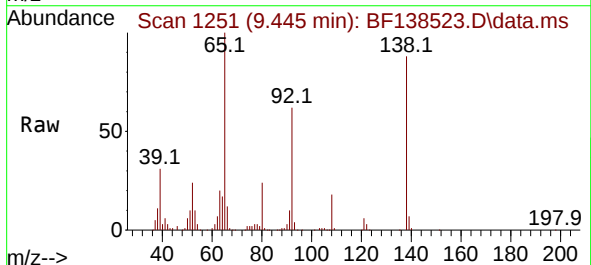
Tgt Ion: 65 Resp: 202684

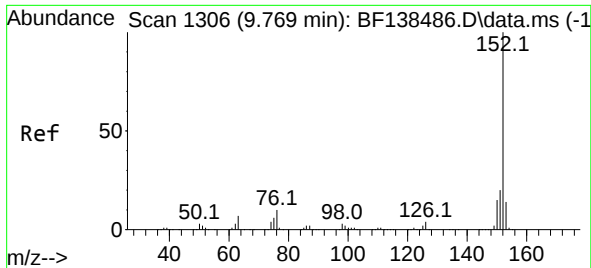
Ion Ratio Lower Upper

65 100

92 62.2 52.6 78.8

138 87.6 78.6 118.0





#49

Acenaphthylene

Concen: 59.288 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

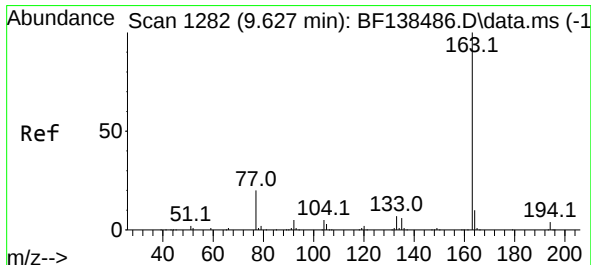
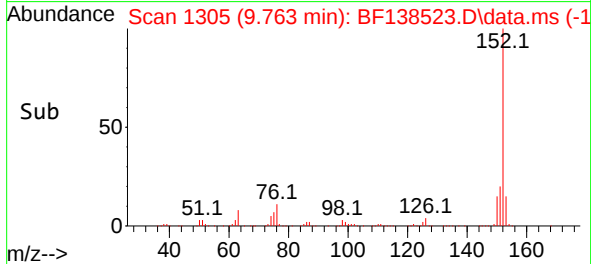
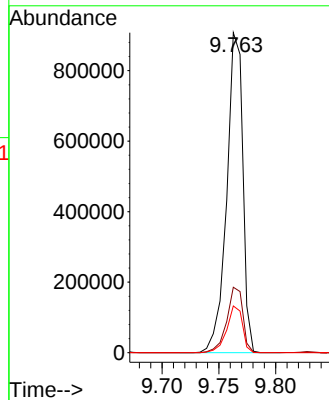
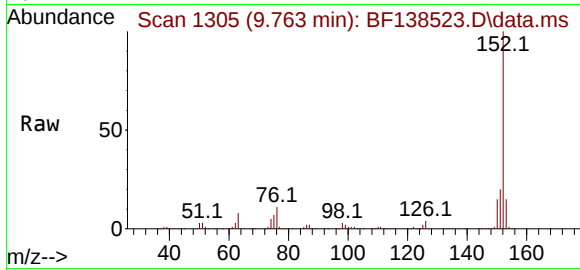
Tgt Ion:152 Resp: 896374

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 14.6 11.3 16.9



#50

Dimethylphthalate

Concen: 58.114 ng

RT: 9.627 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

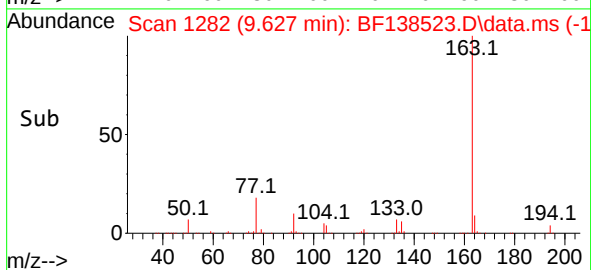
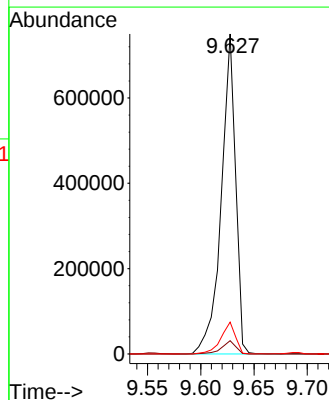
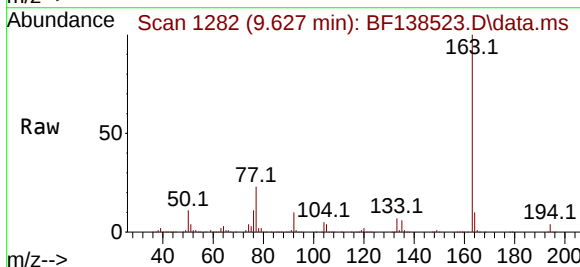
Tgt Ion:163 Resp: 698946

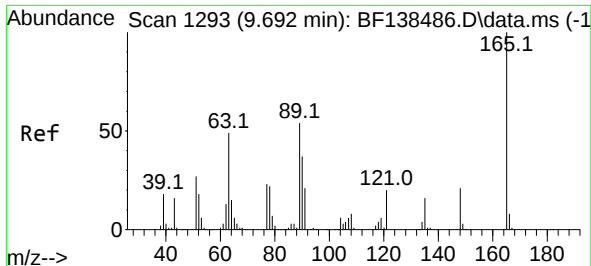
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.0 8.1 12.1

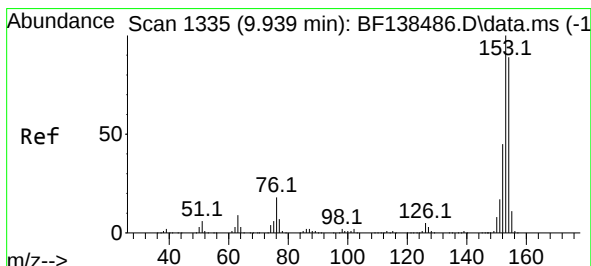
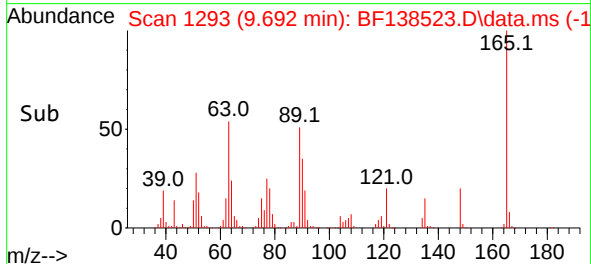
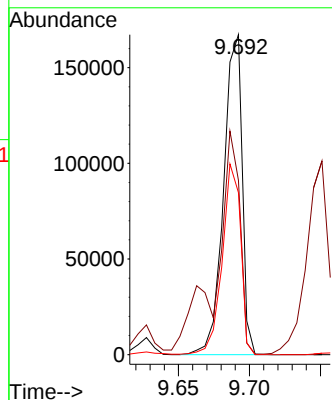
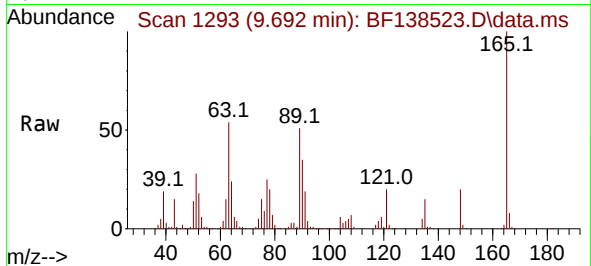




#51
2,6-Dinitrotoluene
Concen: 54.655 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

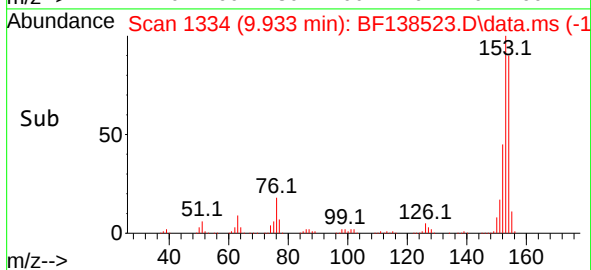
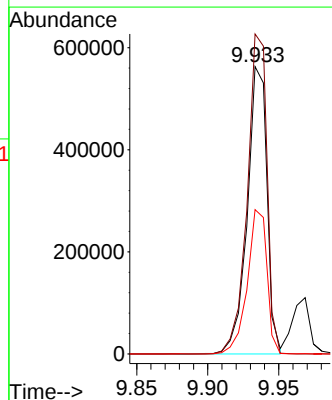
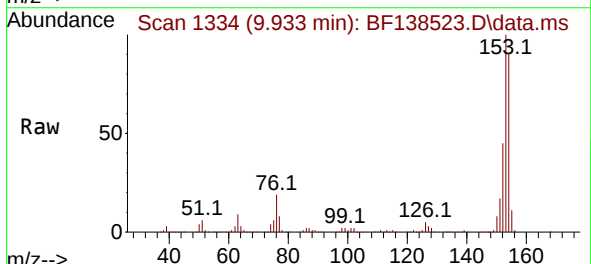
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

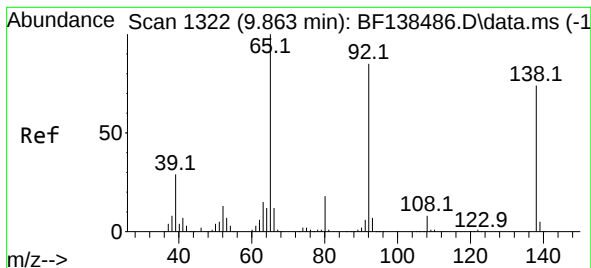
Tgt Ion:165 Resp: 151351
Ion Ratio Lower Upper
165 100
63 54.5 48.1 72.1
89 50.7 43.0 64.6



#52
Acenaphthene
Concen: 54.089 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:154 Resp: 543583
Ion Ratio Lower Upper
154 100
153 111.3 90.4 135.6
152 50.2 41.1 61.7





#53

3-Nitroaniline

Concen: 22.099 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

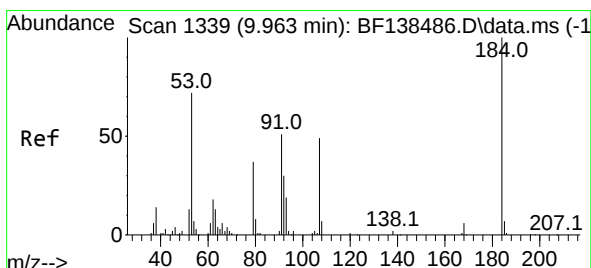
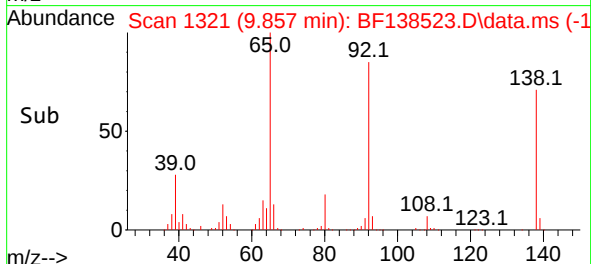
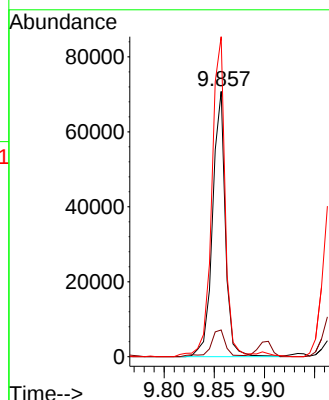
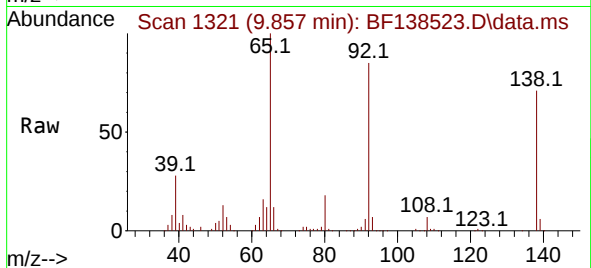
Tgt Ion:138 Resp: 62723

Ion Ratio Lower Upper

138 100

108 10.0 8.3 12.5

92 120.6 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 98.568 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

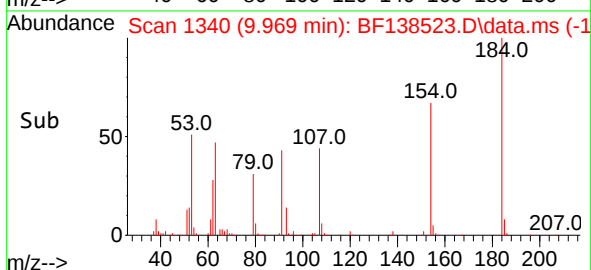
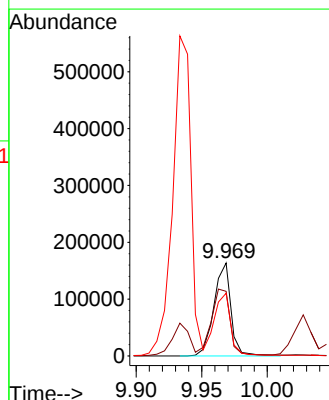
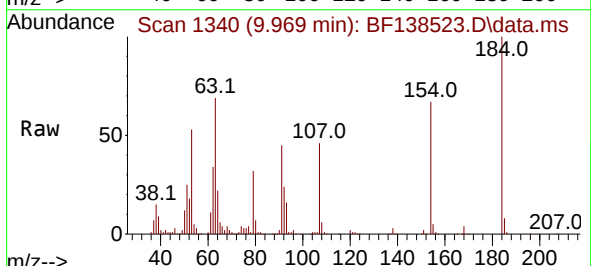
Tgt Ion:184 Resp: 148202

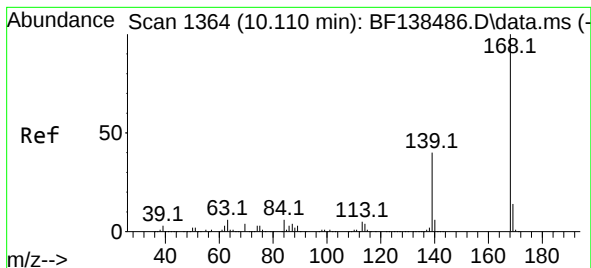
Ion Ratio Lower Upper

184 100

63 69.5 70.6 106.0#

154 67.5 53.8 80.6





#55

Dibenzenofuran

Concen: 55.163 ng

RT: 10.110 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

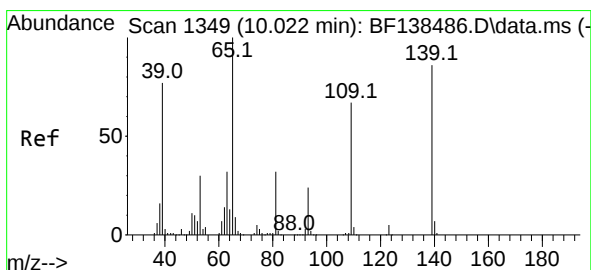
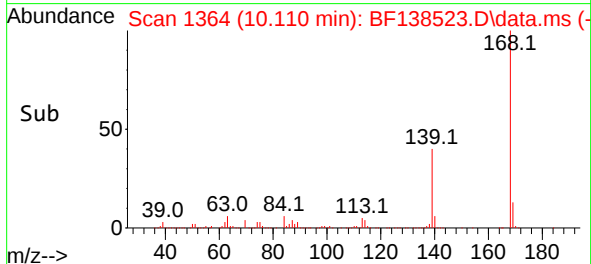
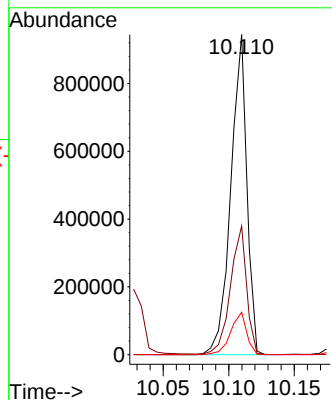
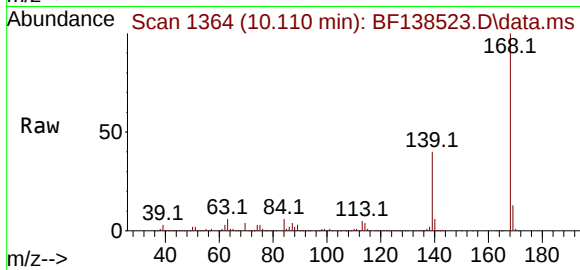
Tgt Ion:168 Resp: 804112

Ion Ratio Lower Upper

168 100

139 40.2 32.4 48.6

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 92.035 ng

RT: 10.027 min Scan# 1350

Delta R.T. 0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

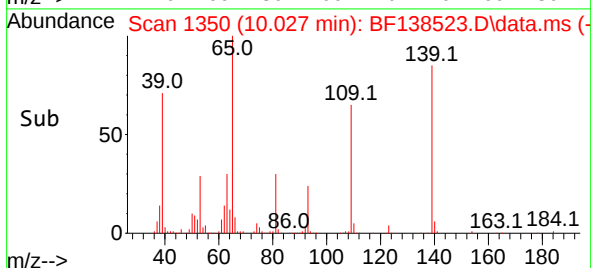
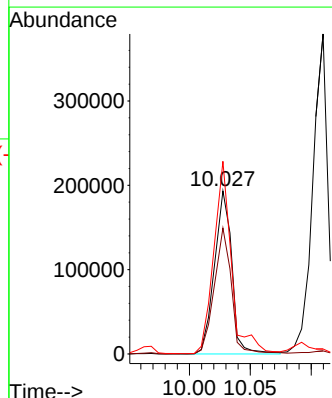
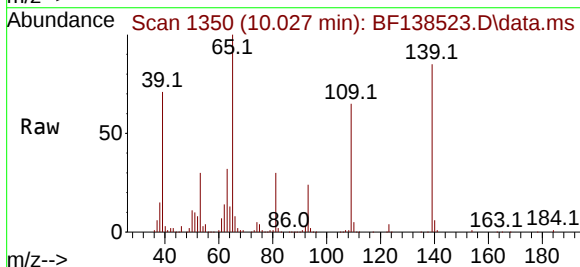
Tgt Ion:139 Resp: 192743

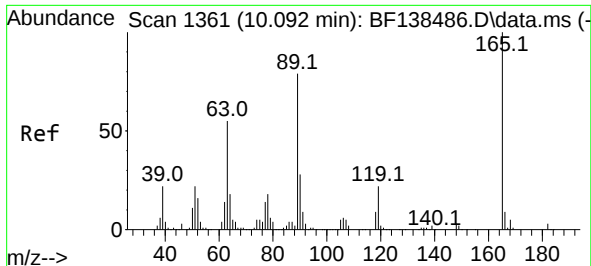
Ion Ratio Lower Upper

139 100

109 77.2 58.1 98.1

65 118.2 96.9 136.9

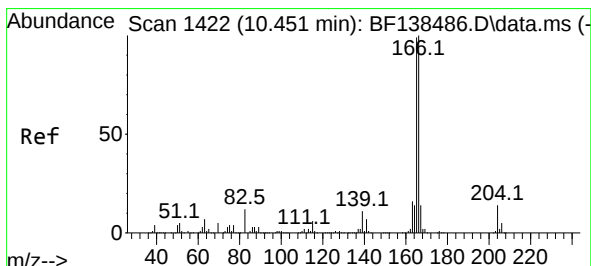
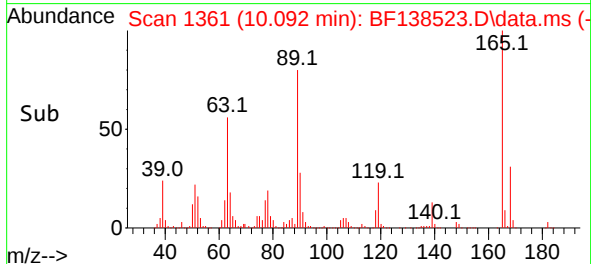
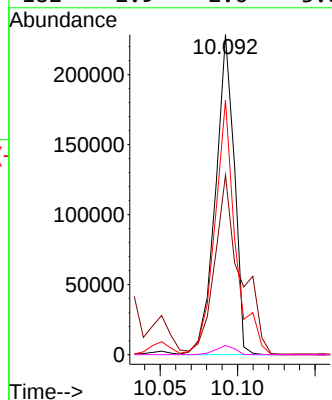
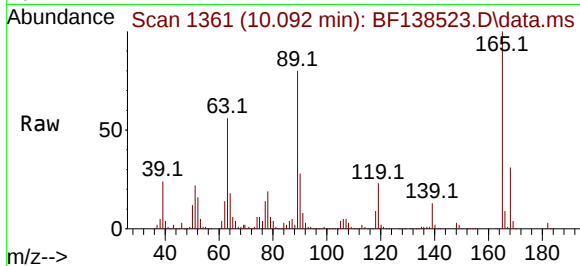




#57
2,4-Dinitrotoluene
Concen: 53.802 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

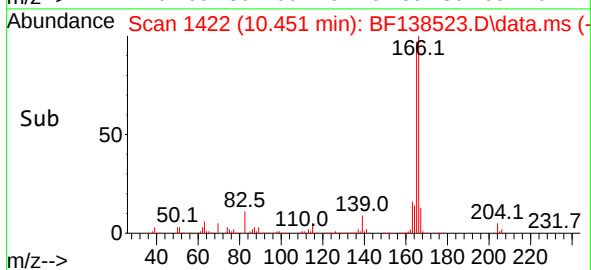
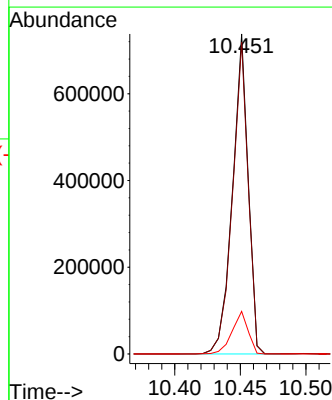
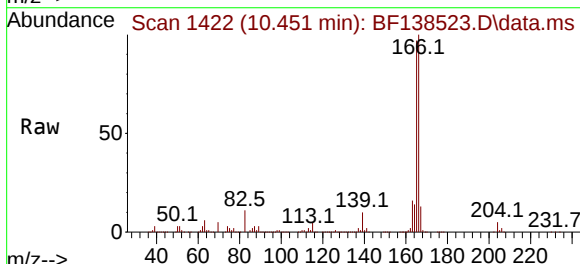
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

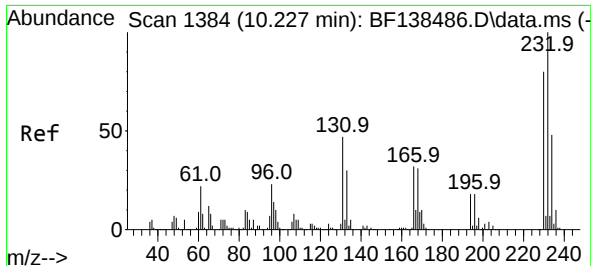
Tgt Ion:165 Resp: 192772
Ion Ratio Lower Upper
165 100
63 56.1 44.6 66.8
89 79.5 63.4 95.2
182 2.9 2.6 3.8



#58
Fluorene
Concen: 53.134 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:166 Resp: 612845
Ion Ratio Lower Upper
166 100
165 97.5 79.1 118.7
167 13.3 11.0 16.6



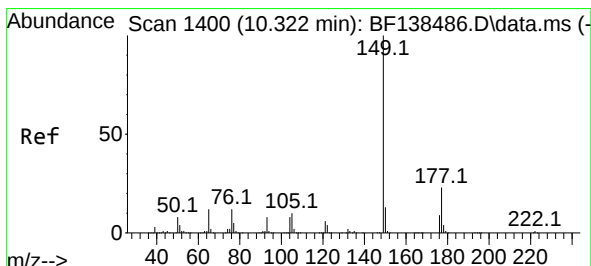
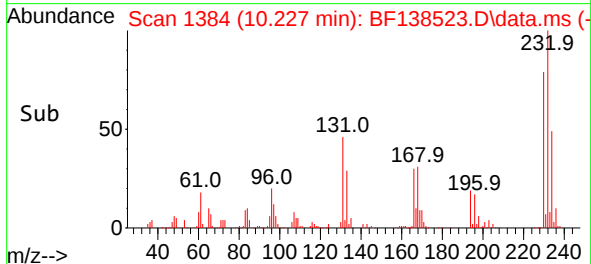
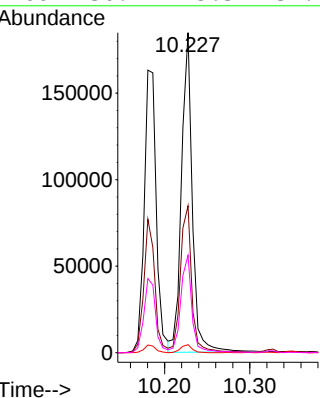
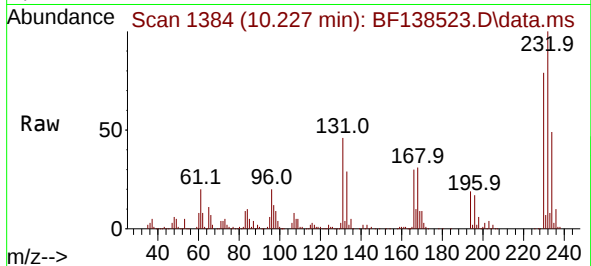


#59
2,3,4,6-Tetrachlorophenol
Concen: 56.607 ng
RT: 10.227 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

Tgt Ion:232 Resp: 162483

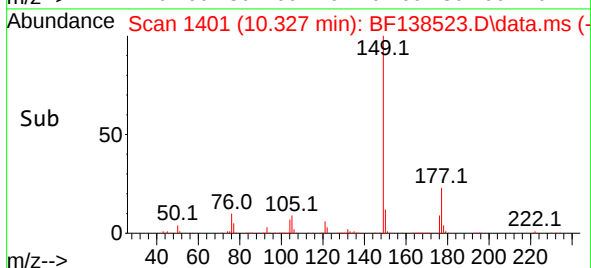
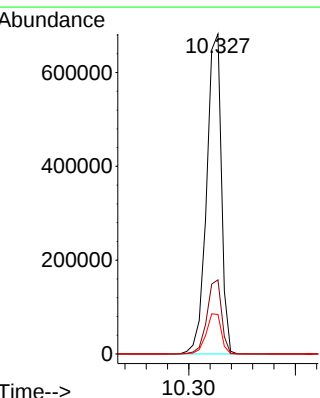
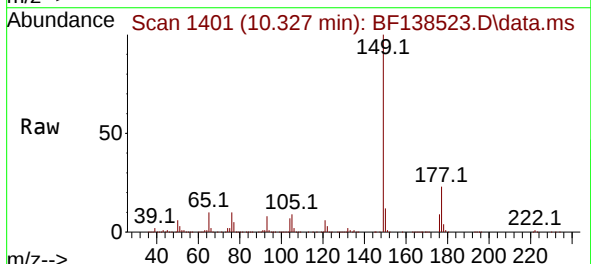
Ion	Ratio	Lower	Upper
232	100		
131	47.6	37.5	56.3
130	2.6	2.0	3.0
166	30.9	25.3	37.9

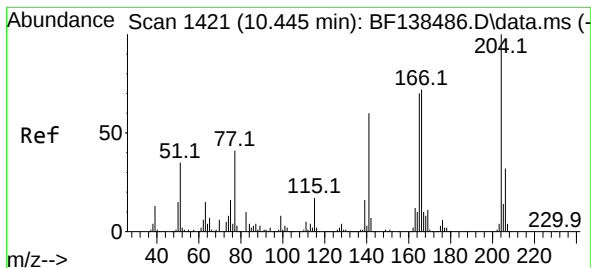


#60
Diethylphthalate
Concen: 56.426 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:149 Resp: 654242

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.5	27.7
150	12.4	10.3	15.5

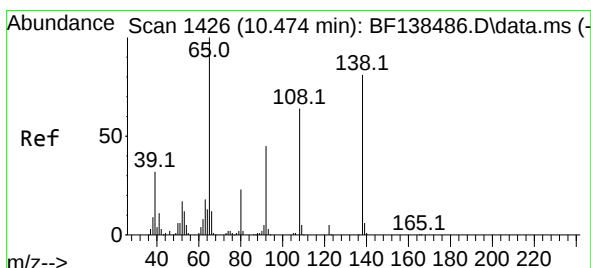
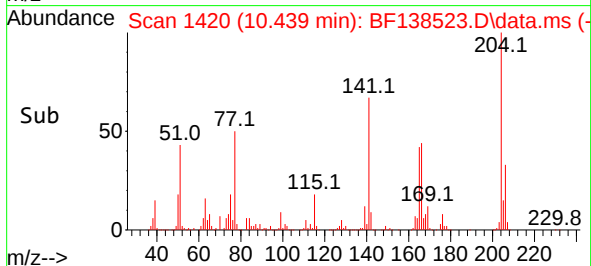
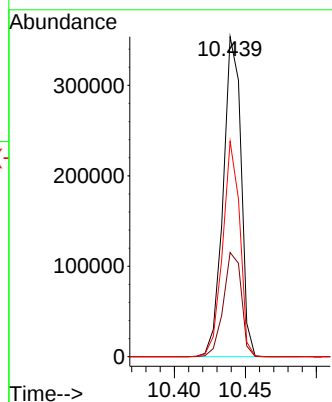
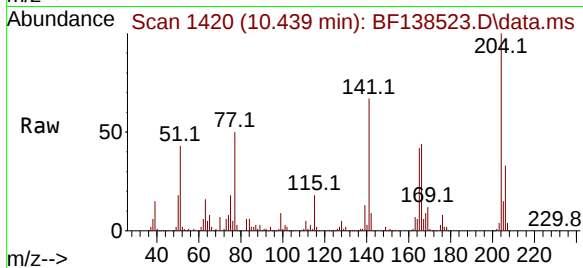




#61
4-Chlorophenyl-phenylether
Concen: 53.390 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

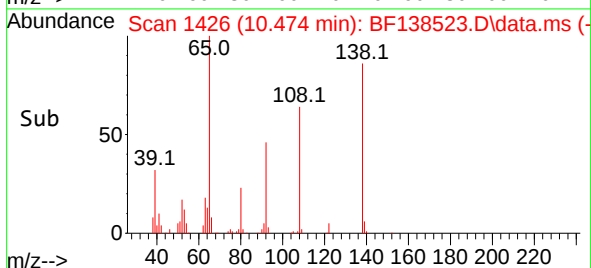
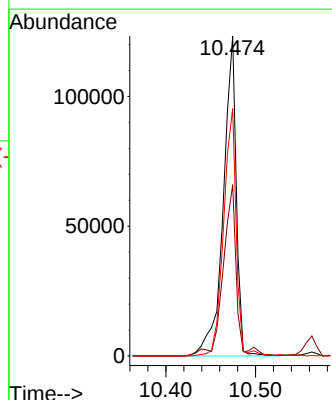
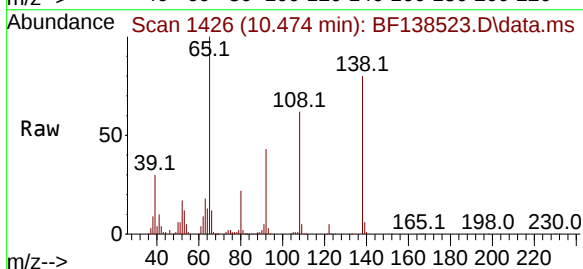
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

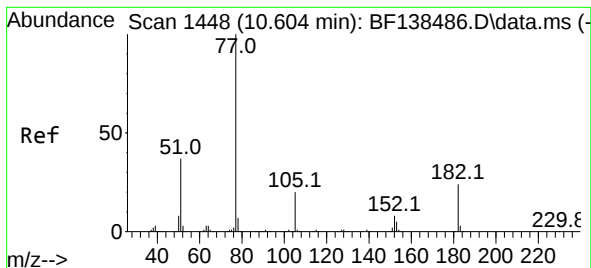
Tgt Ion:204 Resp: 309221
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 67.3 47.7 71.5



#62
4-Nitroaniline
Concen: 43.736 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:138 Resp: 124391
Ion Ratio Lower Upper
138 100
92 53.5 35.8 75.8
108 77.3 59.8 99.8





#63

Azobenzene

Concen: 55.027 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

Tgt Ion: 77 Resp: 685952

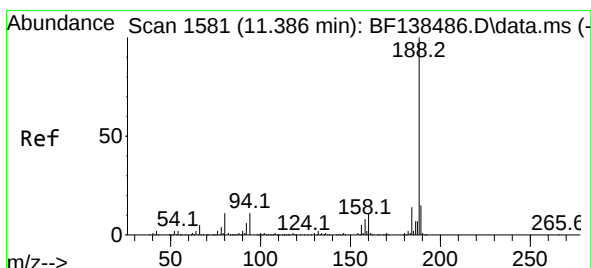
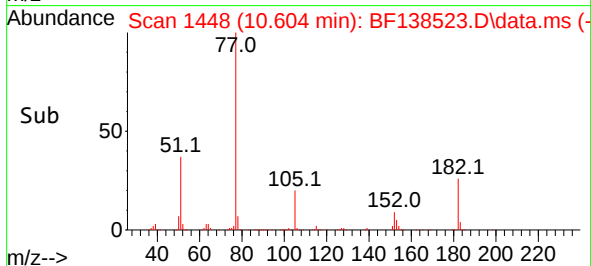
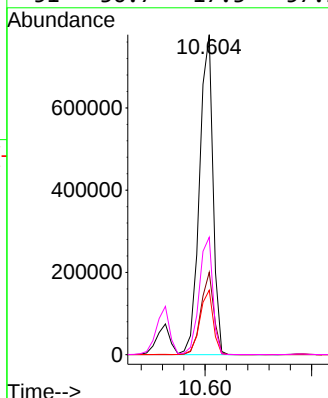
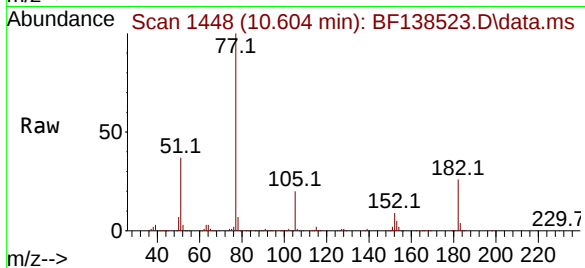
Ion Ratio Lower Upper

77 100

182 25.7 3.8 43.8

105 20.1 0.0 39.8

51 36.7 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

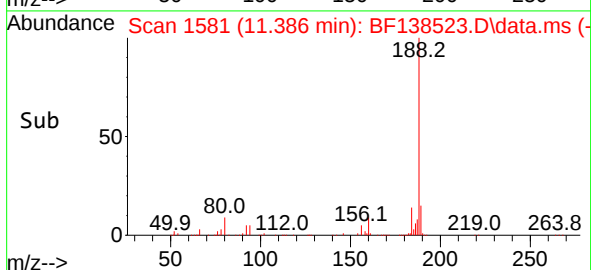
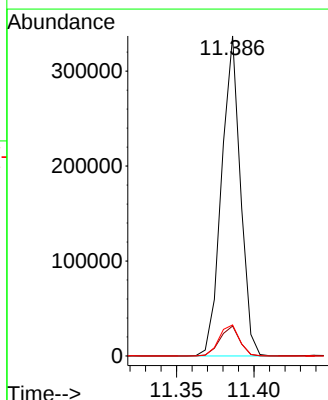
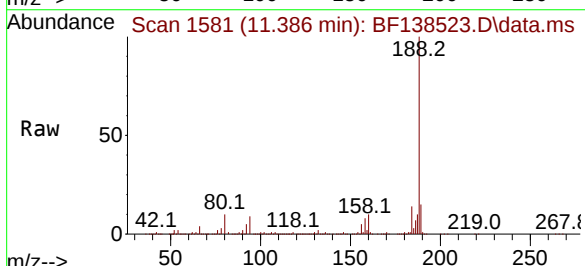
Tgt Ion: 188 Resp: 285205

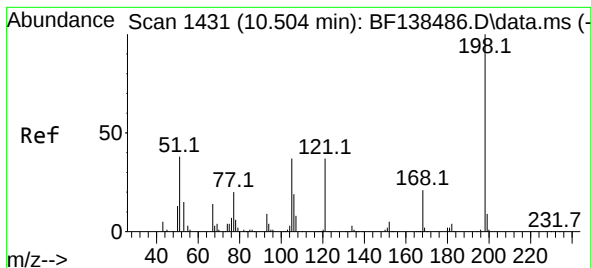
Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

80 9.7 9.0 13.4

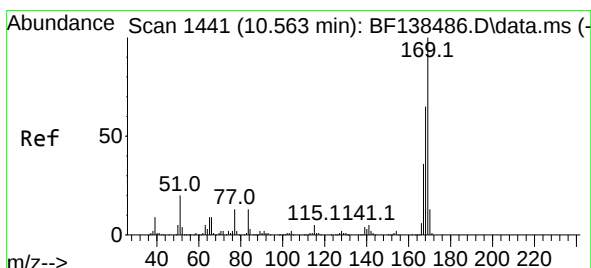
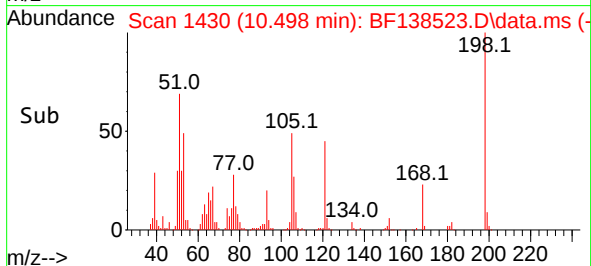
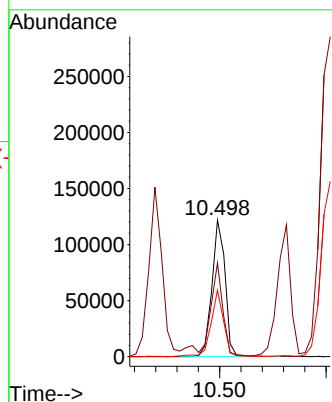
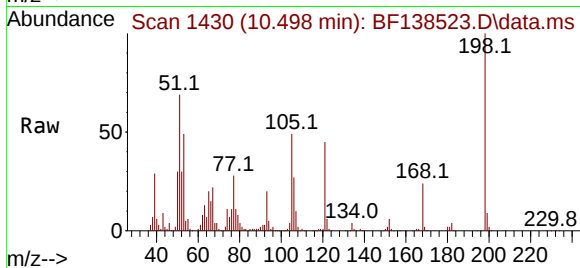




#65
4,6-Dinitro-2-methylphenol
Concen: 63.578 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

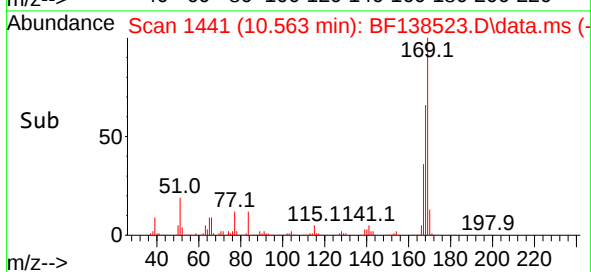
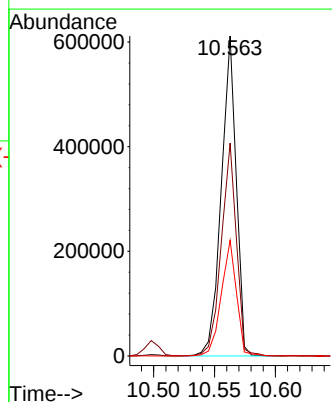
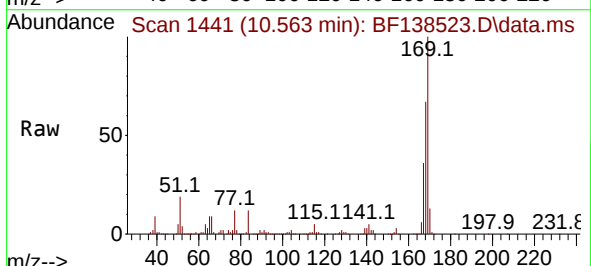
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

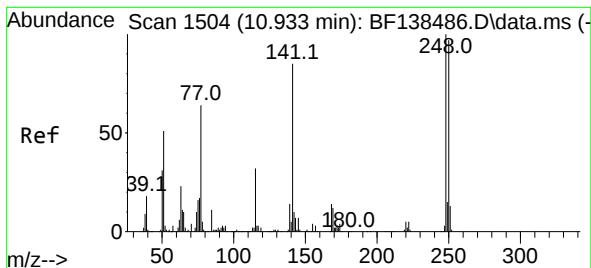
Tgt Ion:198 Resp: 104701
Ion Ratio Lower Upper
198 100
51 68.7 27.2 67.2#
105 48.7 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 61.197 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:169 Resp: 522922
Ion Ratio Lower Upper
169 100
168 66.5 51.7 77.5
167 36.2 28.5 42.7

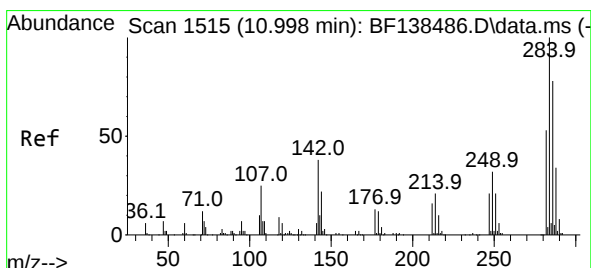
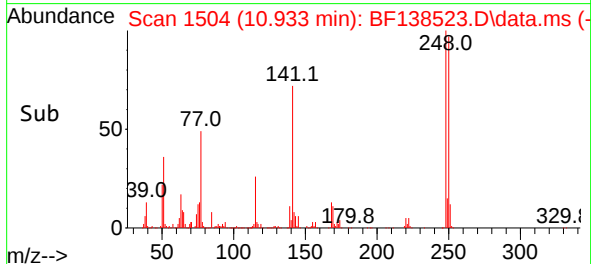
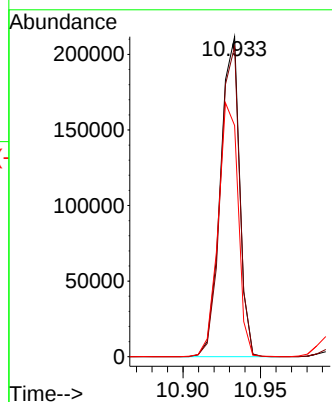
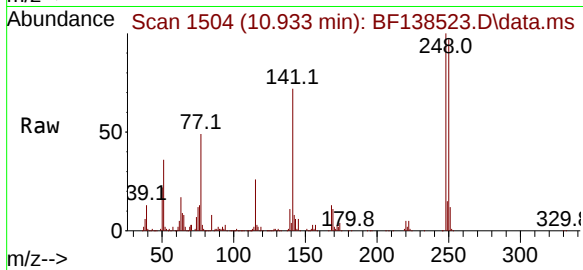




#67
4-Bromophenyl-phenylether
Concen: 62.083 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

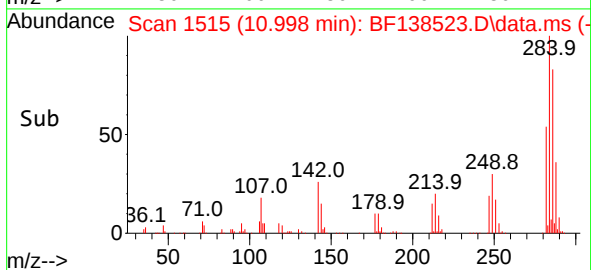
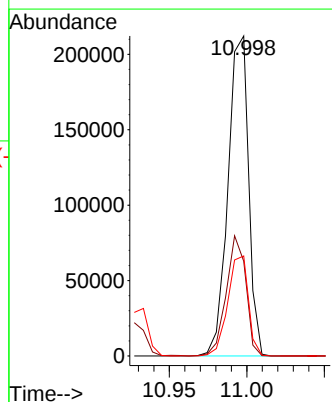
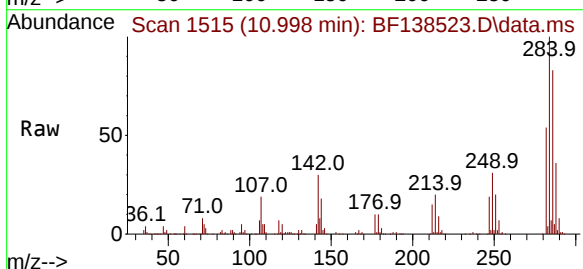
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

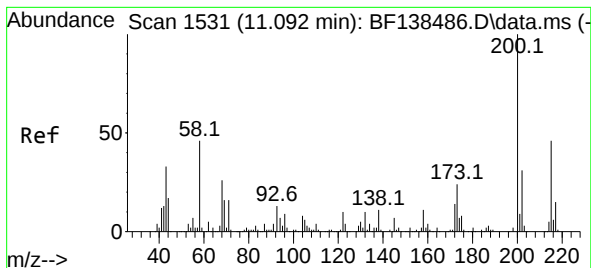
Tgt Ion:248 Resp: 181990
Ion Ratio Lower Upper
248 100
250 96.9 77.9 116.9
141 72.2 67.7 101.5



#68
Hexachlorobenzene
Concen: 60.323 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:284 Resp: 196444
Ion Ratio Lower Upper
284 100
142 29.6 30.5 45.7#
249 31.3 25.9 38.9





#69

Atrazine

Concen: 49.726 ng

RT: 11.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

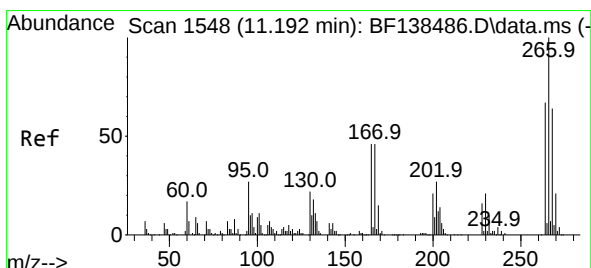
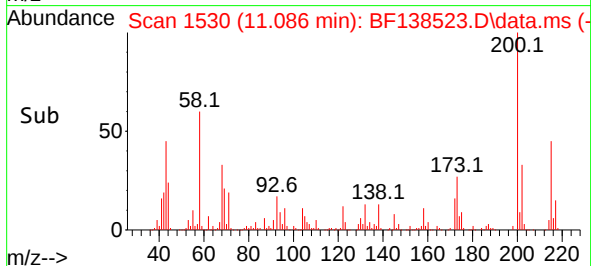
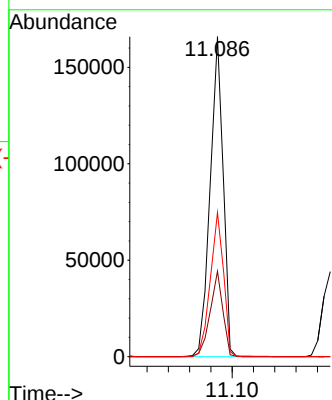
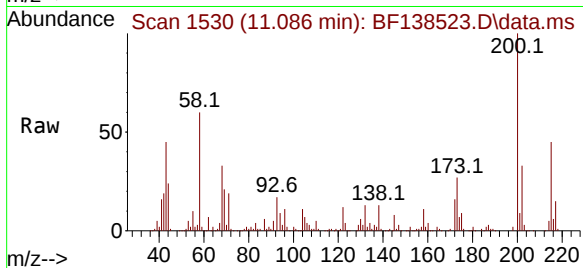
Tgt Ion:200 Resp: 140875

Ion Ratio Lower Upper

200 100

173 26.7 4.1 44.1

215 45.1 26.5 66.5



#70

Pentachlorophenol

Concen: 109.973 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

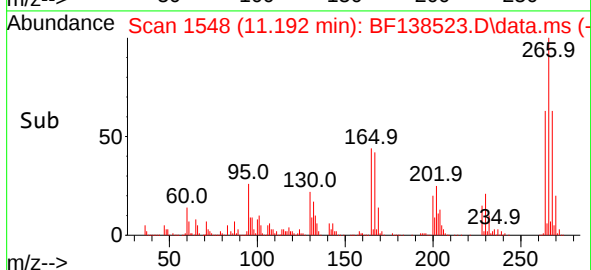
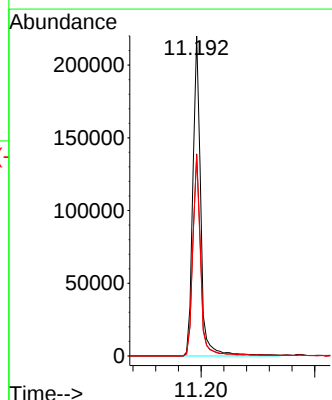
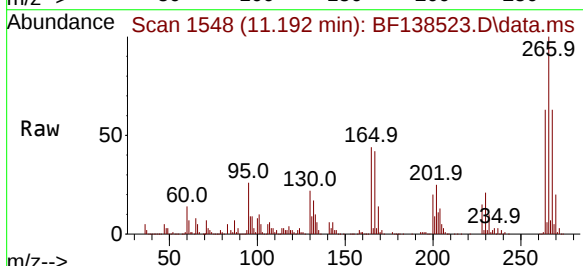
Tgt Ion:266 Resp: 211916

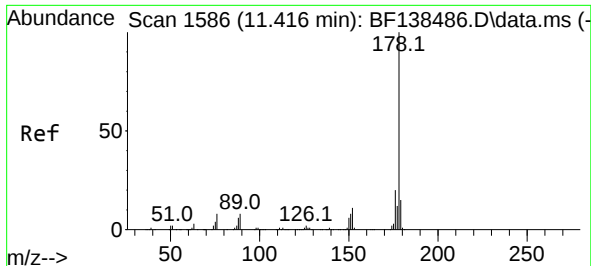
Ion Ratio Lower Upper

266 100

268 63.2 50.9 76.3

264 62.6 53.5 80.3

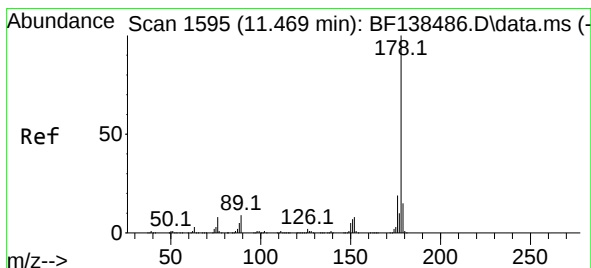
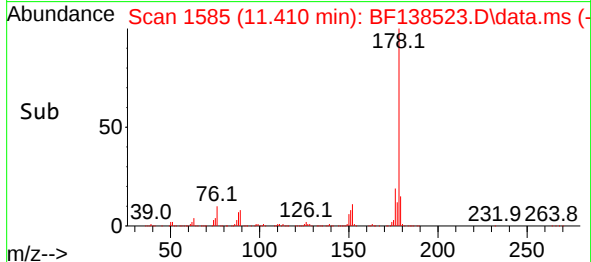
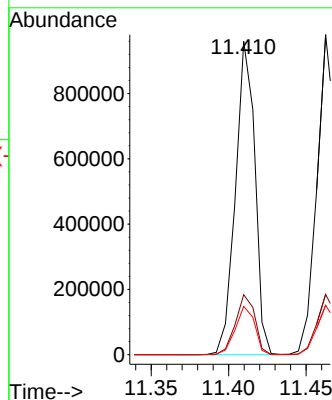
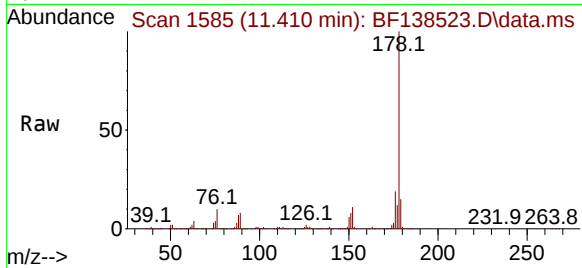




#71
Phenanthrene
Concen: 58.094 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

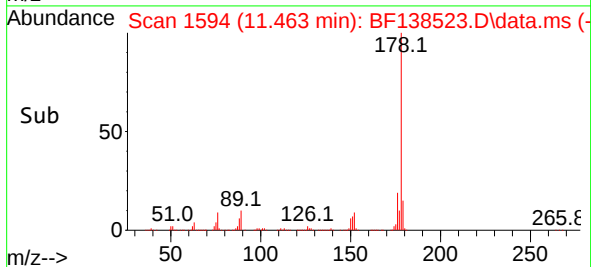
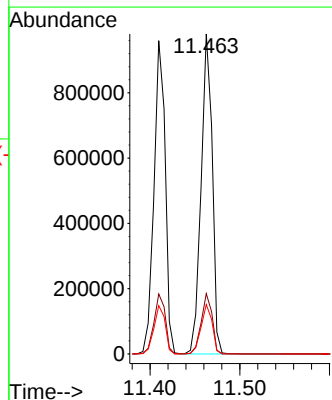
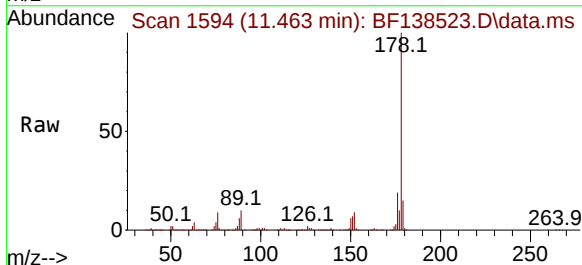
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

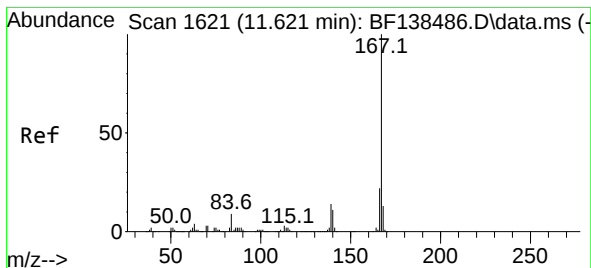
Tgt Ion:178 Resp: 837068
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.4 12.2 18.2



#72
Anthracene
Concen: 59.119 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:178 Resp: 845578
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.5 12.2 18.4





#73

Carbazole

Concen: 51.996 ng

RT: 11.621 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

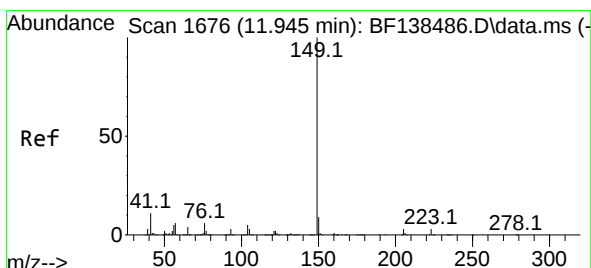
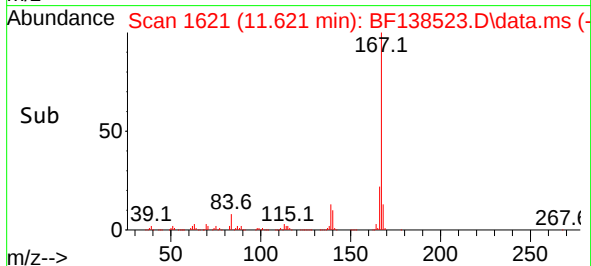
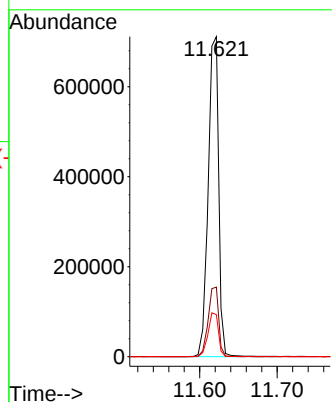
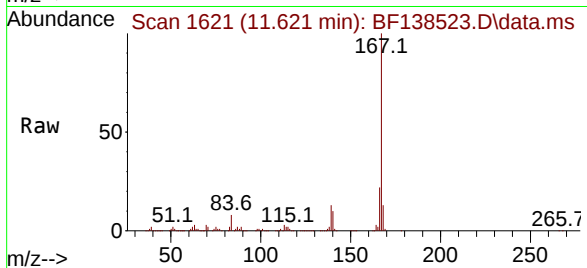
Tgt Ion:167 Resp: 668336

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

139 13.1 11.0 16.4



#74

Di-n-butylphthalate

Concen: 63.616 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

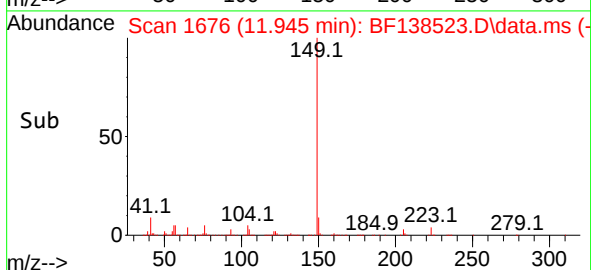
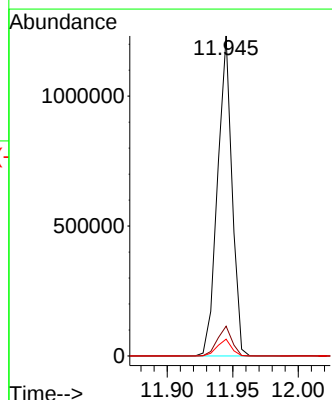
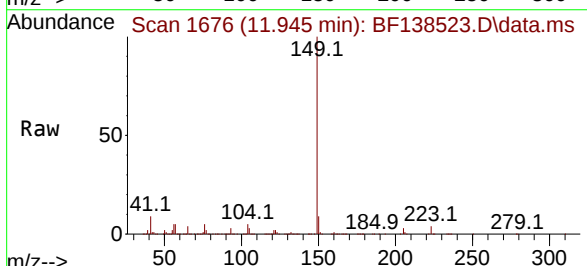
Tgt Ion:149 Resp: 942550

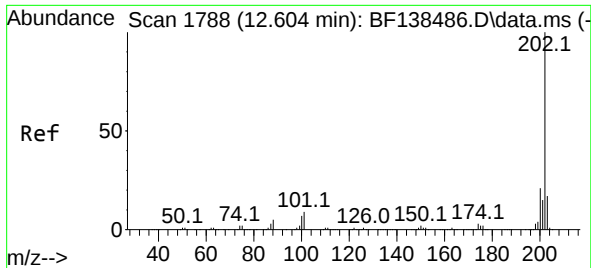
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.3 4.4 6.6

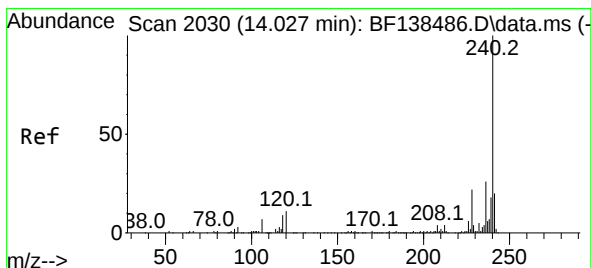
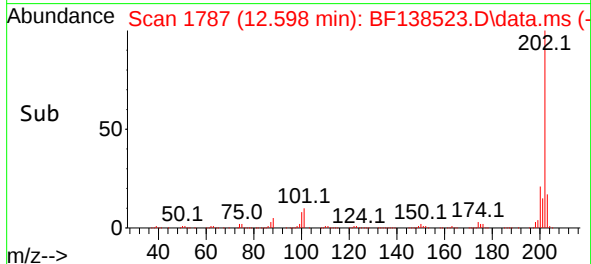
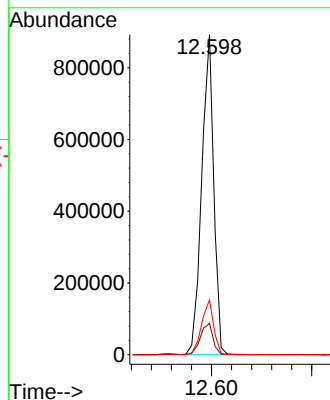
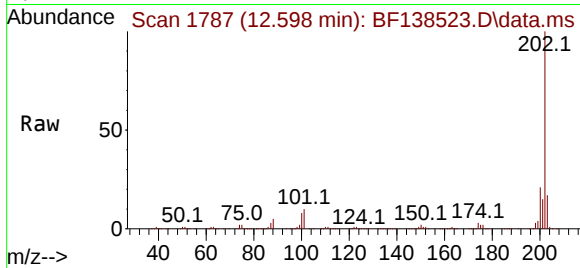




#75
Fluoranthene
Concen: 50.630 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

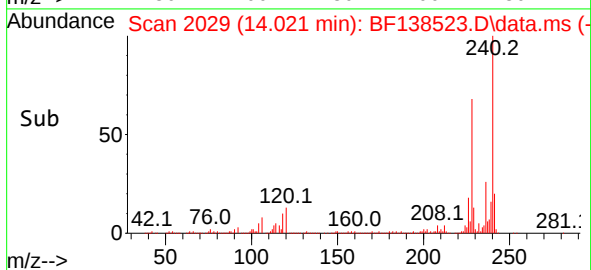
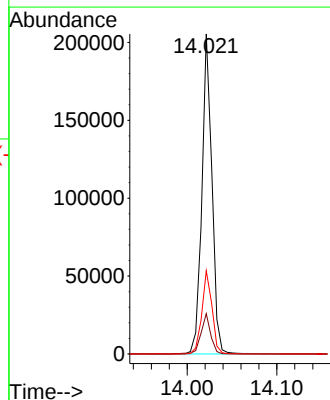
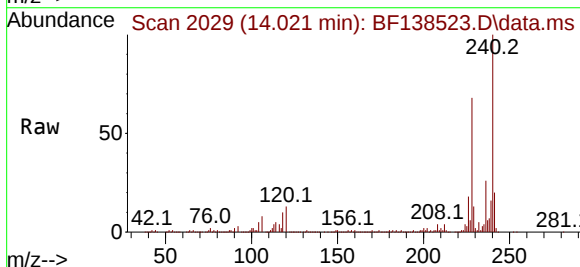
Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

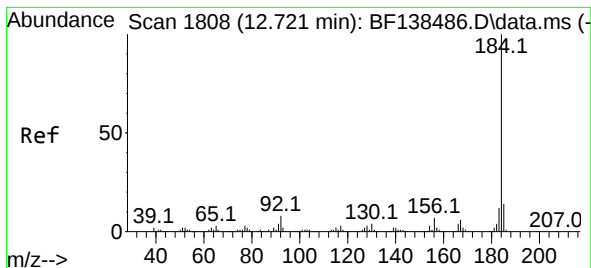
Tgt Ion:202 Resp: 744402
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.2
203 17.1 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:240 Resp: 159563
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 26.0 21.0 31.6





#77

Benzidine

Concen: 6.668 ng

RT: 12.716 min Scan# 1807

Delta R.T. -0.005 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

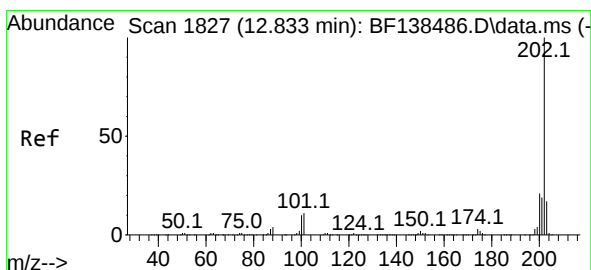
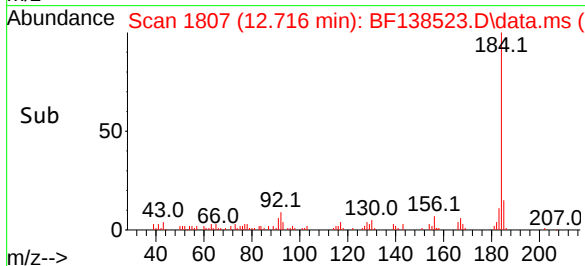
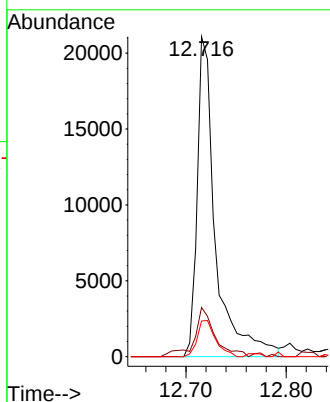
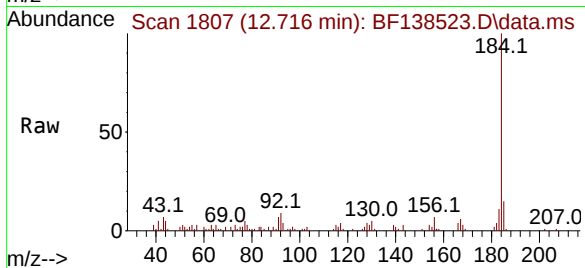
Tgt Ion:184 Resp: 26844

Ion Ratio Lower Upper

184 100

185 15.4 11.3 16.9

183 11.1 9.5 14.3



#78

Pyrene

Concen: 45.183 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

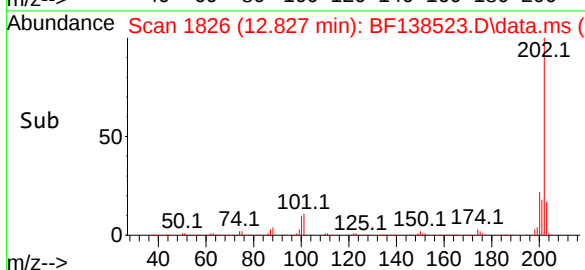
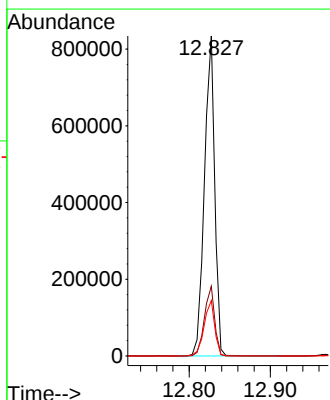
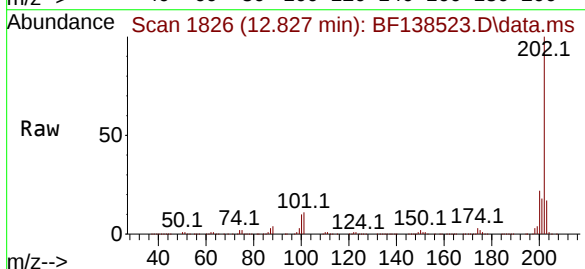
Tgt Ion:202 Resp: 731867

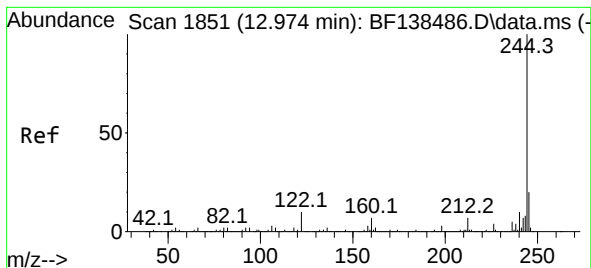
Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 100.465 ng

RT: 12.968 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

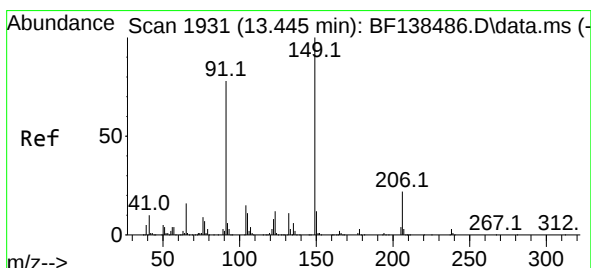
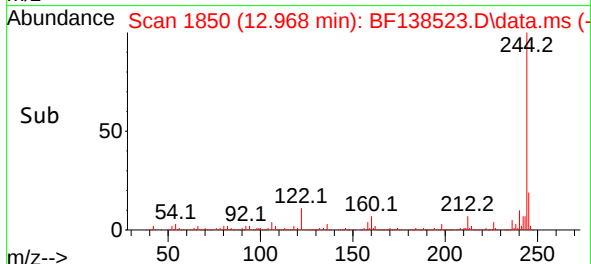
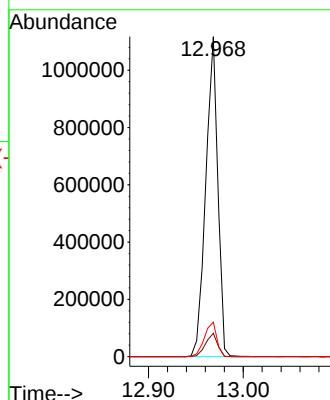
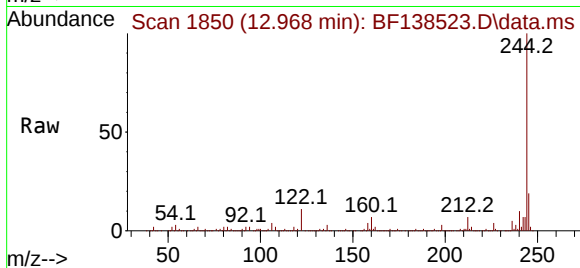
Tgt Ion:244 Resp: 983994

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 10.8 7.8 11.8



#80

Butylbenzylphthalate

Concen: 65.009 ng

RT: 13.439 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

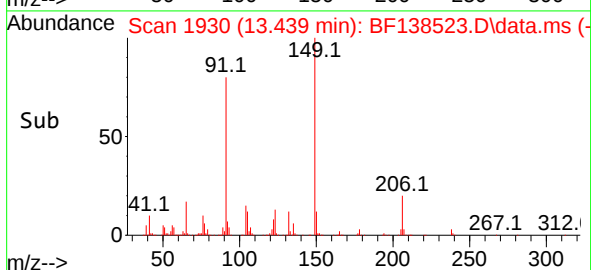
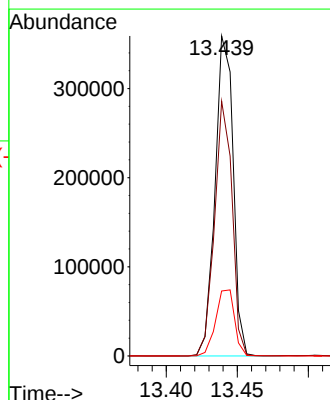
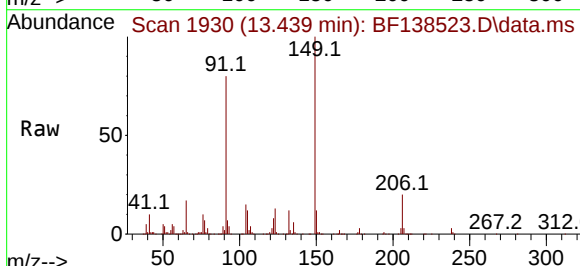
Tgt Ion:149 Resp: 316765

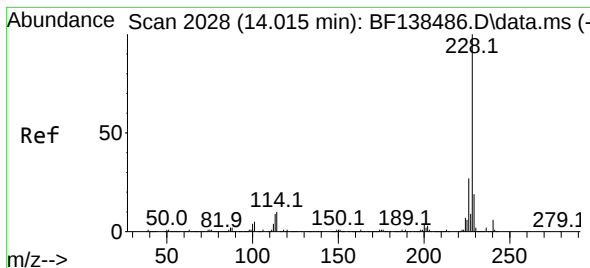
Ion Ratio Lower Upper

149 100

91 79.6 62.1 93.1

206 20.3 18.0 27.0





#81

Benzo(a)anthracene

Concen: 56.581 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

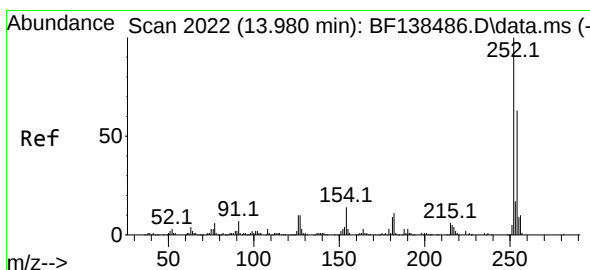
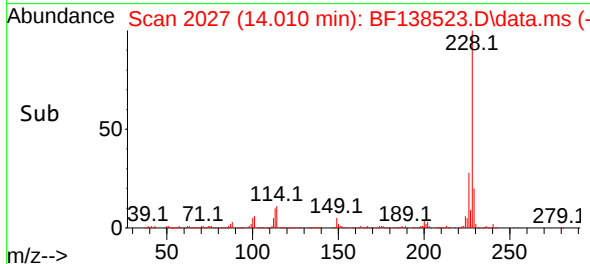
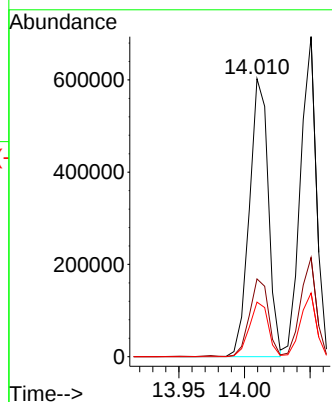
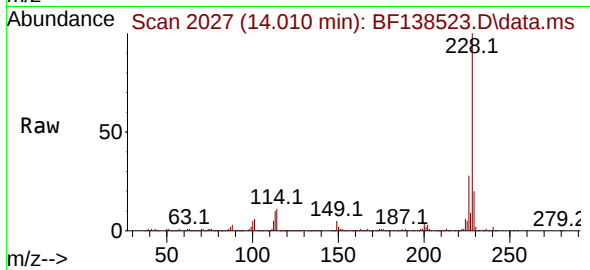
Tgt Ion:228 Resp: 605792

Ion Ratio Lower Upper

228 100

226 28.0 21.9 32.9

229 19.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 36.718 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

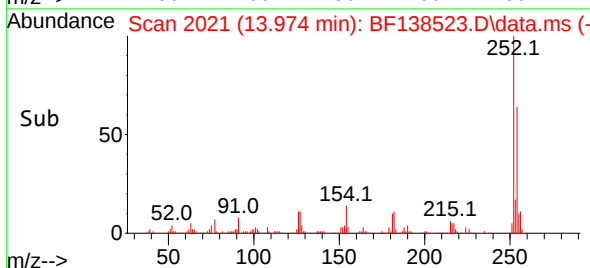
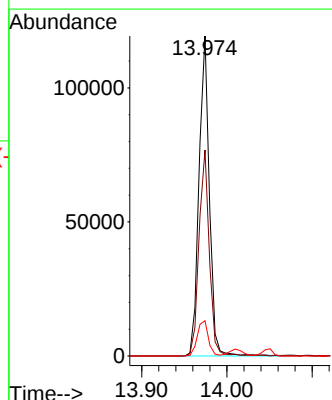
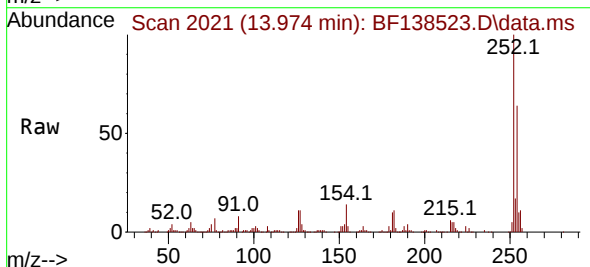
Tgt Ion:252 Resp: 101298

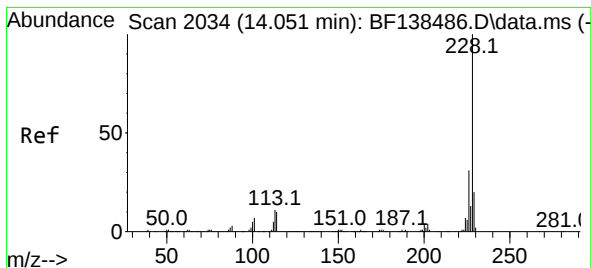
Ion Ratio Lower Upper

252 100

254 64.3 50.3 75.5

126 11.0 8.1 12.1





#83

Chrysene

Concen: 57.936 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

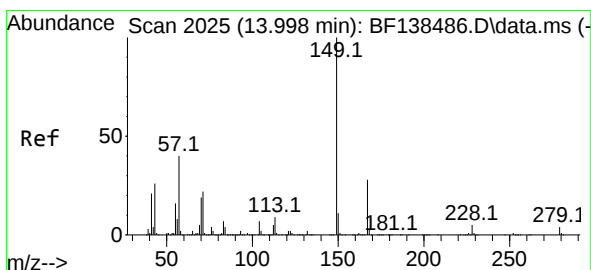
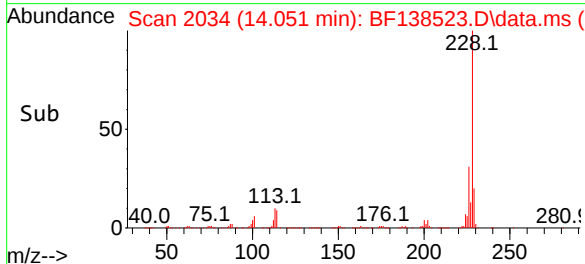
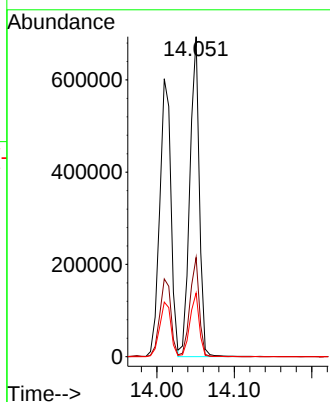
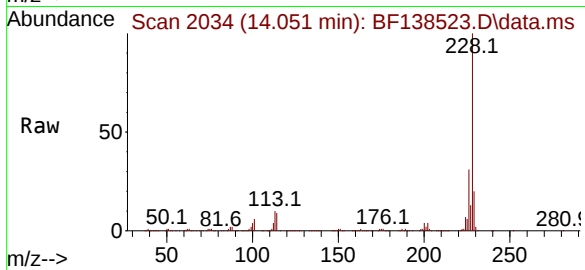
Tgt Ion:228 Resp: 586813

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 88.340 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

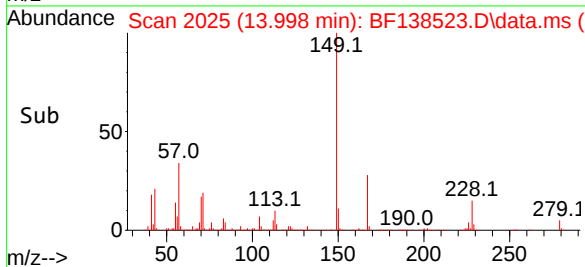
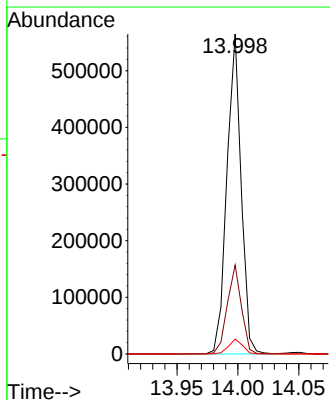
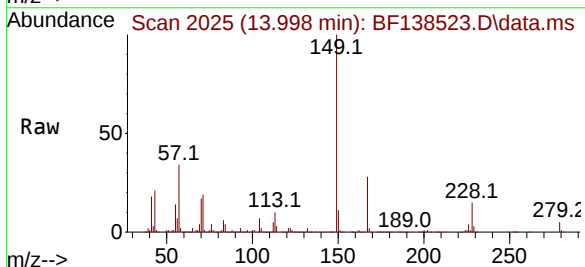
Tgt Ion:149 Resp: 459076

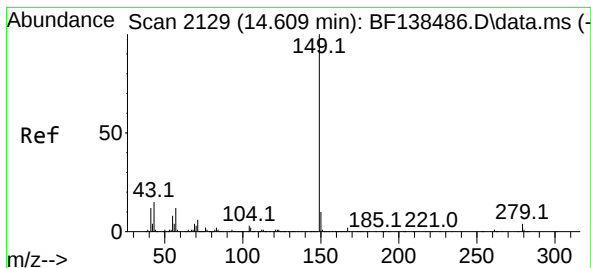
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 4.6 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 91.670 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.001 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

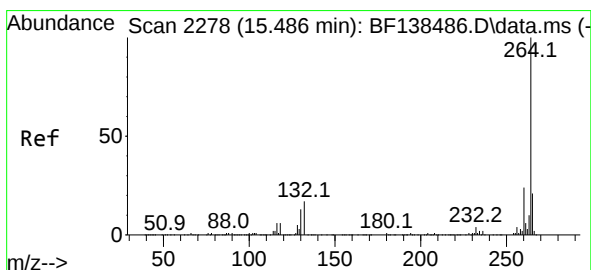
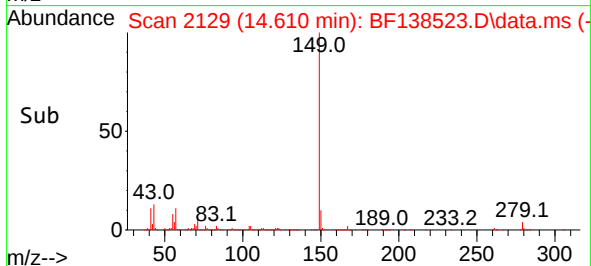
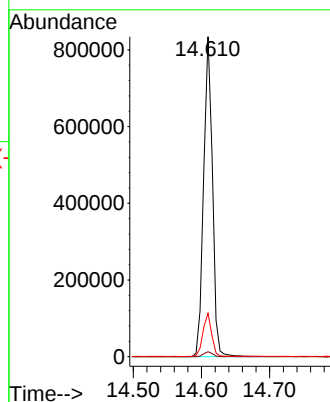
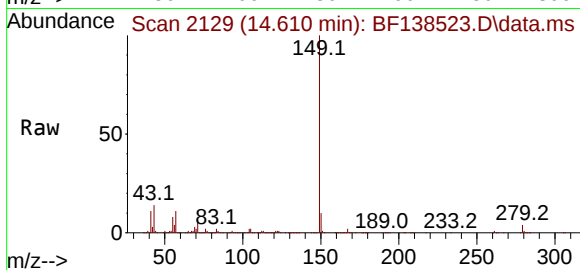
Tgt Ion:149 Resp: 752567

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.4 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

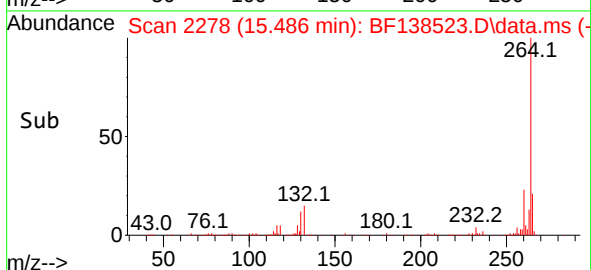
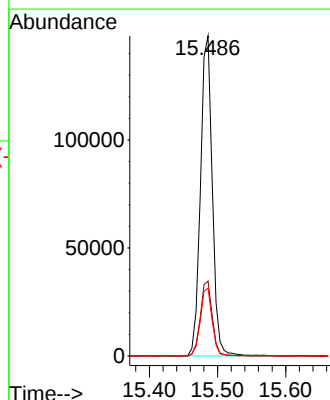
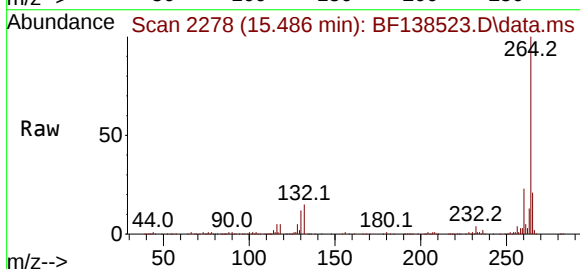
Tgt Ion:264 Resp: 178560

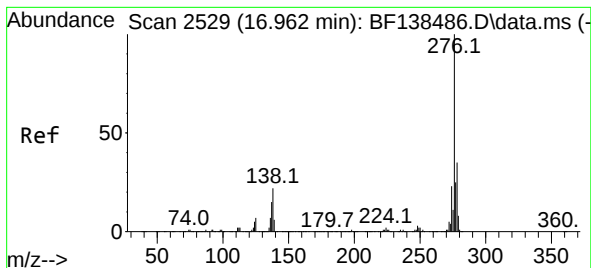
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.096 ng

RT: 16.956 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

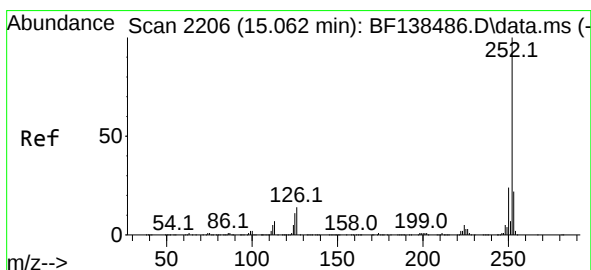
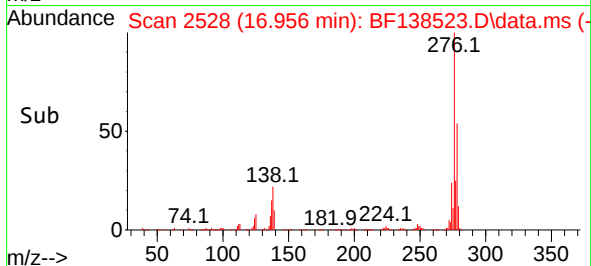
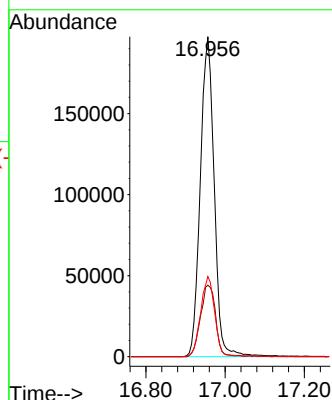
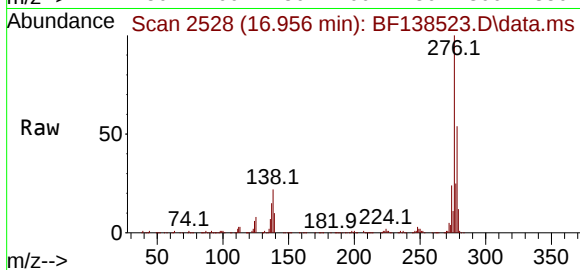
Tgt Ion:276 Resp: 480905

Ion Ratio Lower Upper

276 100

138 24.1 19.6 29.4

277 25.3 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 60.676 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

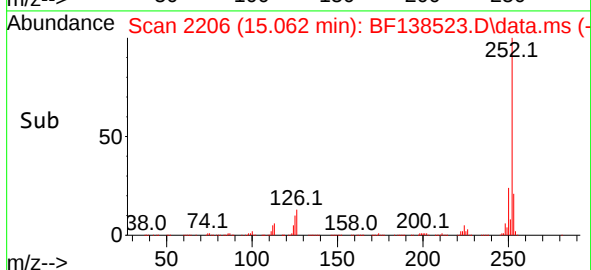
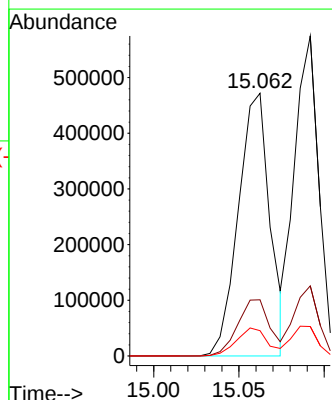
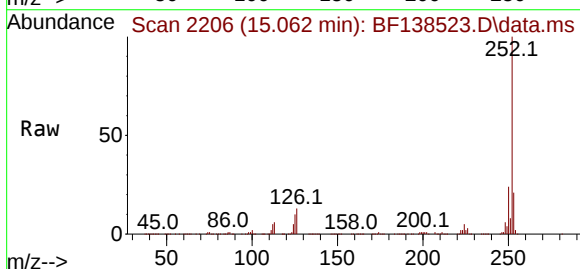
Tgt Ion:252 Resp: 610156

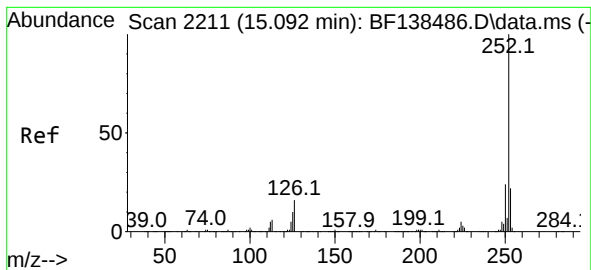
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 9.6 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 59.013 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

Instrument :

BNA_F

ClientSampleId :

VNJ-226MSD

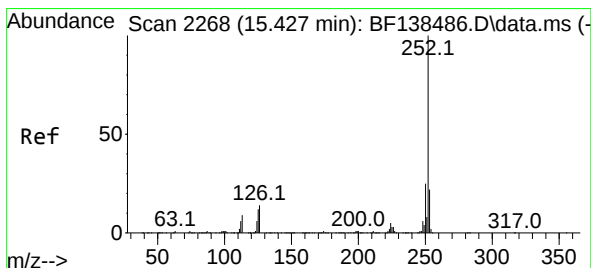
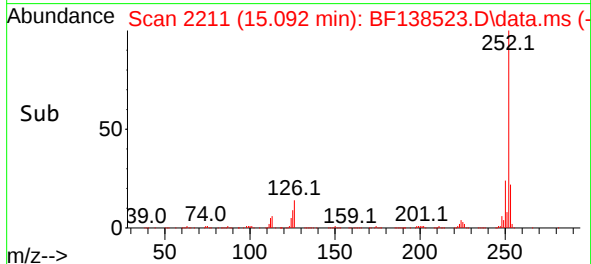
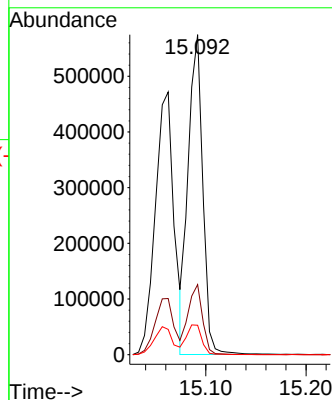
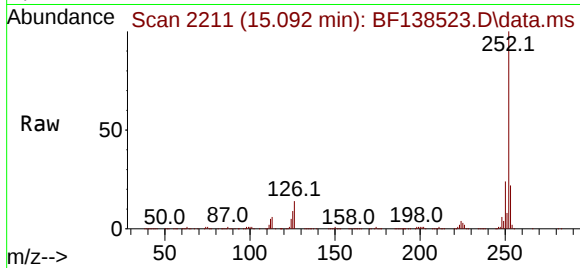
Tgt Ion:252 Resp: 578767

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 60.247 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF138523.D

Acq: 11 Jul 2024 15:11

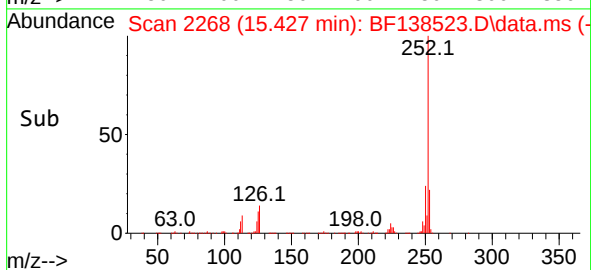
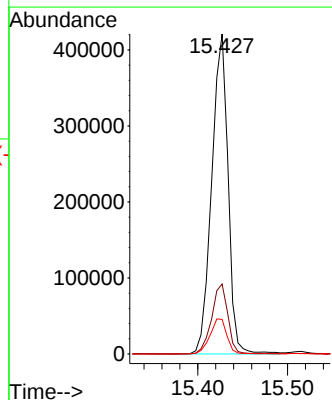
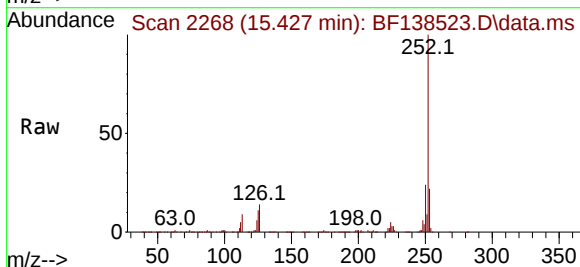
Tgt Ion:252 Resp: 532208

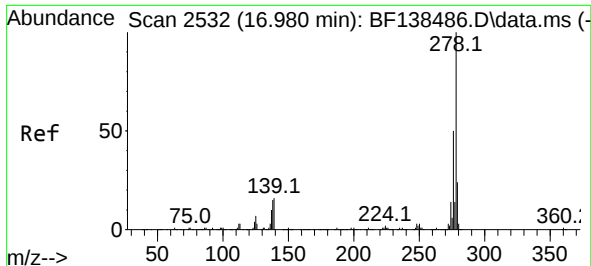
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.8 9.4 14.2

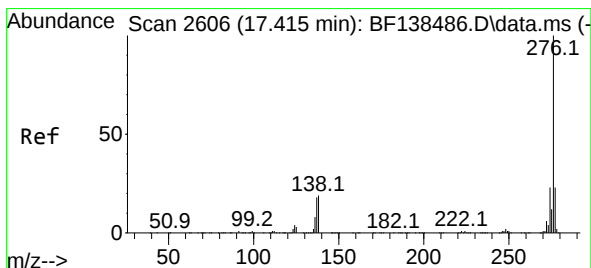
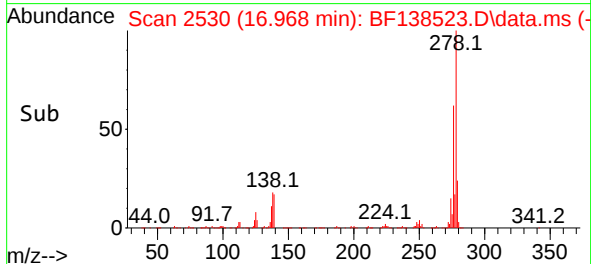
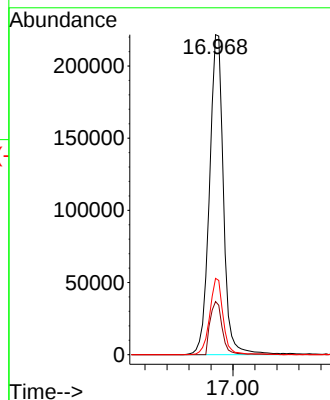
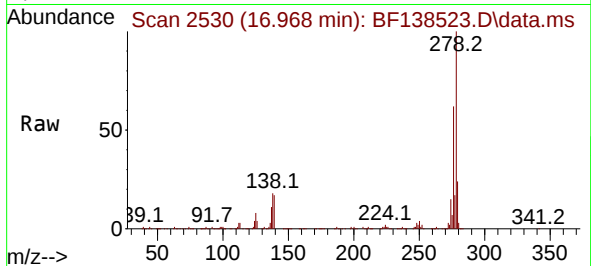




#91
Dibenzo(a,h)anthracene
Concen: 39.913 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Instrument :
BNA_F
ClientSampleId :
VNJ-226MSD

Tgt Ion:278 Resp: 391587
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 23.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 33.178 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF138523.D
Acq: 11 Jul 2024 15:11

Tgt Ion:276 Resp: 345172
Ion Ratio Lower Upper
276 100
277 22.4 18.0 27.0
138 20.6 15.5 23.3

