

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128853.D
 Acq On : 17 Jun 2022 14:39
 Operator : CG\JU
 Sample : N3371-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211MS

Quant Time: Jun 18 05:06:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	96930	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	377812	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	180686	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	306423	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	192609	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	191262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	680980	111.904	ng	0.01
7) Phenol-d6	6.445	99	876660	118.017	ng	0.00
23) Nitrobenzene-d5	7.351	82	630494	77.697	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	228469	107.016	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1056980	81.944	ng	0.00
79) Terphenyl-d14	12.898	244	911292	82.213	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.551	88	87253	38.622	ng	# 94
3) Pyridine	3.287	79	230407	38.392	ng	95
4) n-Nitrosodimethylamine	3.246	42	169908	40.826	ng	# 80
6) Aniline	6.445	93	264433	33.007	ng	# 52
8) 2-Chlorophenol	6.575	128	300106	48.196	ng	94
9) Benzaldehyde	6.334	77	170452	37.665	ng	94
10) Phenol	6.457	94	364334	46.399	ng	88
11) bis(2-Chloroethyl)ether	6.522	93	270104	46.943	ng	96
12) 1,3-Dichlorobenzene	6.722	146	328985	45.702	ng	97
13) 1,4-Dichlorobenzene	6.798	146	333914	45.929	ng	98
14) 1,2-Dichlorobenzene	6.951	146	318663	46.856	ng	98
15) Benzyl Alcohol	6.934	79	283494	45.613	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.057	45	420025	44.306	ng	# 1
17) 2-Methylphenol	7.057	107	241432	49.058	ng	# 85
18) Hexachloroethane	7.292	117	126456	46.752	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	227248	49.203	ng	97
20) 3+4-Methylphenols	7.210	107	315098	47.958	ng	# 82
22) Acetophenone	7.198	105	442099	44.740	ng	97
24) Nitrobenzene	7.369	77	345183	46.334	ng	96
25) Isophorone	7.610	82	600714	48.741	ng	97
26) 2-Nitrophenol	7.686	139	157393	47.951	ng	# 89
27) 2,4-Dimethylphenol	7.733	122	272477	54.495	ng	95
28) bis(2-Chloroethoxy)met...	7.816	93	352726	45.273	ng	97
29) 2,4-Dichlorophenol	7.939	162	263911	45.604	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	287296	44.090	ng	99
31) Naphthalene	8.092	128	887512	45.773	ng	99
32) Benzoic acid	7.892	122	98309	27.713	ng	90
33) 4-Chloroaniline	8.139	127	151935	20.783	ng	95
34) Hexachlorobutadiene	8.204	225	196378	42.495	ng	99
35) Caprolactam	8.528	113	51605	32.248	ng	96
36) 4-Chloro-3-methylphenol	8.651	107	283365	44.867	ng	97
37) 2-Methylnaphthalene	8.780	142	495509	40.178	ng	100
38) 1-Methylnaphthalene	8.880	142	471873	39.602	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	266060	47.413	ng	99
41) Hexachlorocyclopentadiene	8.933	237	190742	56.548	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	159314	41.982	ng	98

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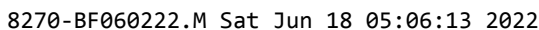
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	167351	42.673	ng	95
46) 1,1'-Biphenyl	9.245	154	634300	46.787	ng	99
47) 2-Chloronaphthalene	9.275	162	482784	46.669	ng	99
48) 2-Nitroaniline	9.375	65	171243	48.408	ng	94
49) Acenaphthylene	9.686	152	783354	49.463	ng	100
50) Dimethylphthalate	9.551	163	588122	47.554	ng	100
51) 2,6-Dinitrotoluene	9.616	165	126716	51.912	ng	# 79
52) Acenaphthene	9.857	154	444742	43.123	ng	99
53) 3-Nitroaniline	9.786	138	87418	32.997	ng	97
54) 2,4-Dinitrophenol	9.904	184	101369	74.557	ng	# 88
55) Dibenzofuran	10.033	168	669766	45.187	ng	95
56) 4-Nitrophenol	9.986	139	115577	60.185	ng	# 76
57) 2,4-Dinitrotoluene	10.027	165	165711	50.869	ng	# 90
58) Fluorene	10.374	166	535459	46.583	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	121766	37.592	ng	97
60) Diethylphthalate	10.251	149	565227	45.472	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	274021	45.961	ng	93
62) 4-Nitroaniline	10.410	138	115874	43.198	ng	89
63) Azobenzene	10.527	77	541682	44.266	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	82279	45.500	ng	92
66) n-Nitrosodiphenylamine	10.486	169	481415	51.115	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	172310	50.425	ng	97
68) Hexachlorobenzene	10.922	284	190200	50.119	ng	99
69) Atrazine	11.021	200	153164	50.570	ng	98
70) Pentachlorophenol	11.127	266	98122	51.796	ng	99
71) Phenanthrene	11.339	178	774406	50.386	ng	99
72) Anthracene	11.392	178	746613	49.079	ng	98
73) Carbazole	11.551	167	590347	41.782	ng	99
74) Di-n-butylphthalate	11.874	149	789444	45.889	ng	100
75) Fluoranthene	12.527	202	793281	49.377	ng	97
77) Benzidine	12.651	184	226049	58.874	ng	98
78) Pyrene	12.757	202	762726	53.226	ng	99
80) Butylbenzylphthalate	13.374	149	258597	42.972	ng	96
81) Benzo(a)anthracene	13.951	228	648469	54.012	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	99036	38.557	ng	99
83) Chrysene	13.986	228	608013	53.119	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	347426	44.408	ng	99
85) Di-n-octyl phthalate	14.551	149	603527	51.219	ng	97
87) Indeno(1,2,3-cd)pyrene	16.874	276	527173	45.730	ng	# 91
88) Benzo(b)fluoranthene	14.998	252	653666	53.485	ng	# 97
89) Benzo(k)fluoranthene	15.292	252	50452	4.388	ng	97
90) Benzo(a)pyrene	15.292	252	51364	5.347	ng	95
91) Dibenzo(a,h)anthracene	16.886	278	437798	45.785	ng	# 95
92) Benzo(g,h,i)perylene	17.309	276	427668	45.127	ng	# 92

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

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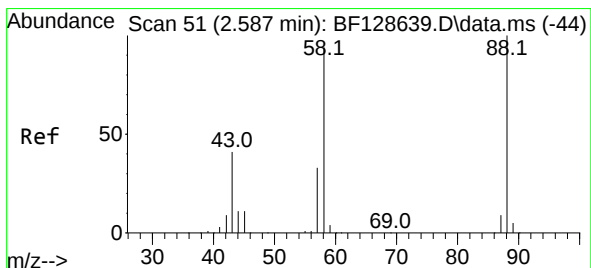
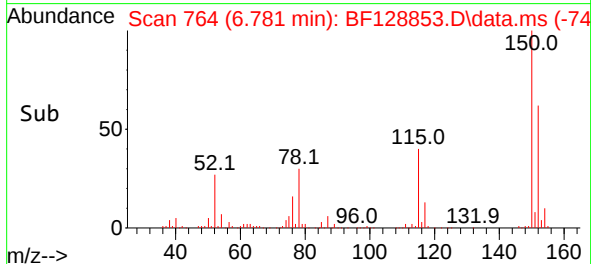
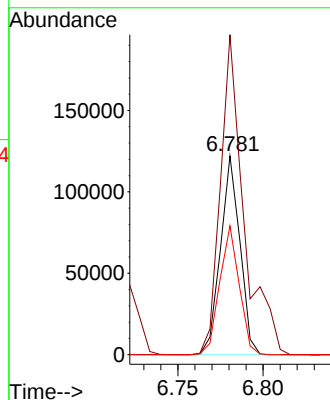
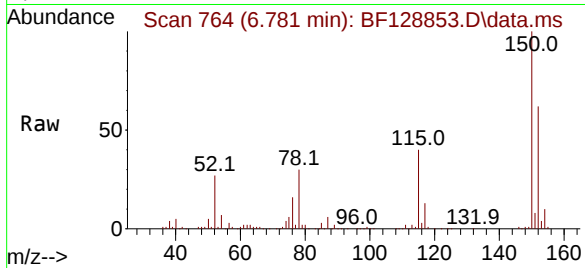




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BF128853.D
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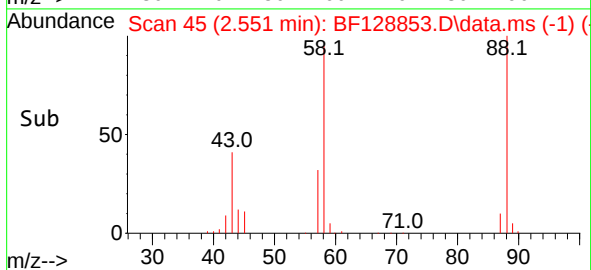
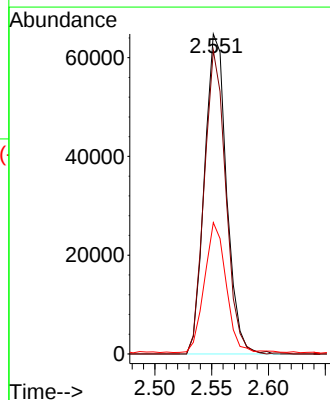
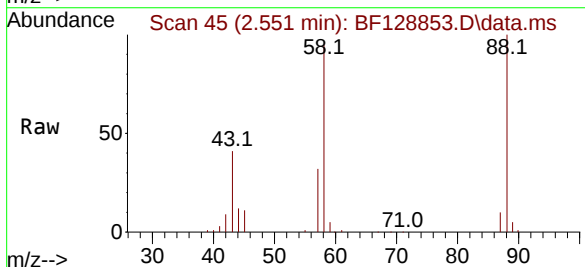
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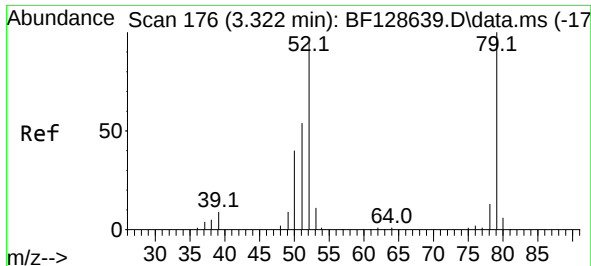
Tgt Ion:152 Resp: 96930
 Ion Ratio Lower Upper
 152 100
 150 161.1 123.7 185.5
 115 64.8 49.9 74.9



#2
 1,4-Dioxane
 Concen: 38.622 ng
 RT: 2.551 min Scan# 45
 Delta R.T. 0.053 min
 Lab File: BF128853.D
 Acq: 17 Jun 2022 14:39

Tgt Ion: 88 Resp: 87253
 Ion Ratio Lower Upper
 88 100
 58 92.9 71.8 107.8
 43 39.9 26.6 39.8





#3

Pyridine

Concen: 38.392 ng

RT: 3.287 min Scan# 11

Delta R.T. 0.059 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

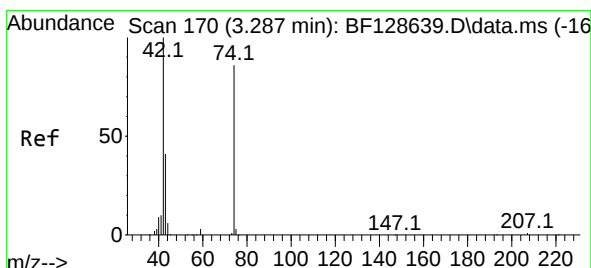
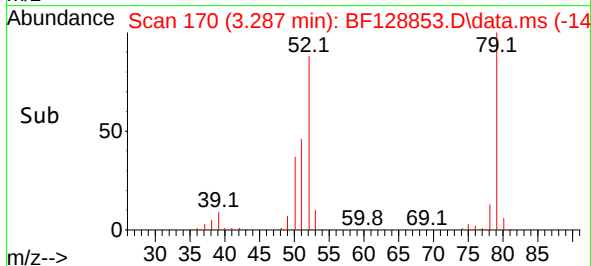
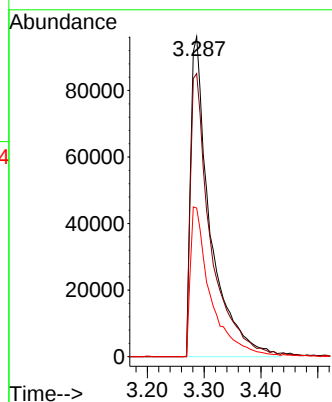
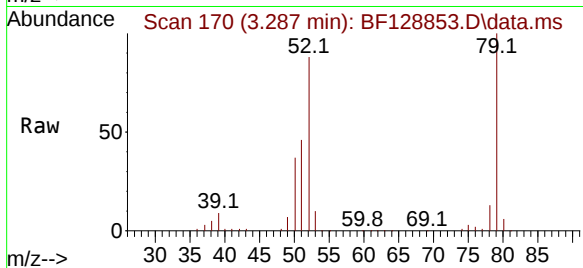
Tgt Ion: 79 Resp: 230407

Ion Ratio Lower Upper

79 100

52 88.5 68.6 102.8

51 46.5 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 40.826 ng

RT: 3.246 min Scan# 163

Delta R.T. 0.053 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

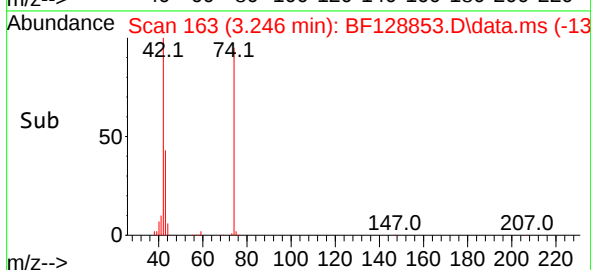
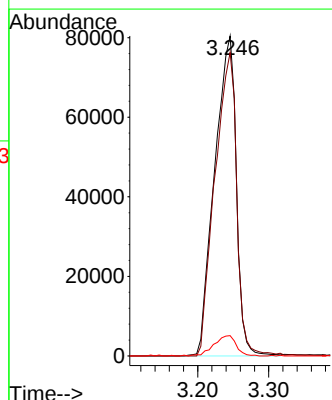
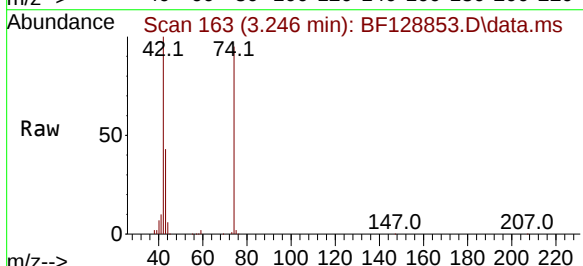
Tgt Ion: 42 Resp: 169908

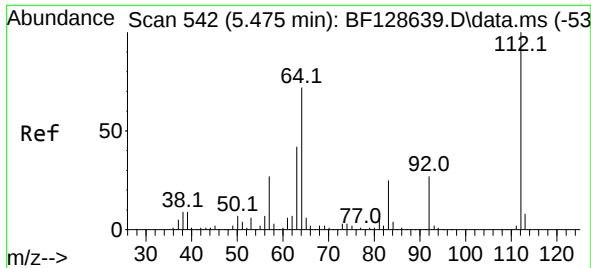
Ion Ratio Lower Upper

42 100

74 94.8 94.8 142.2

44 6.4 6.6 10.0#

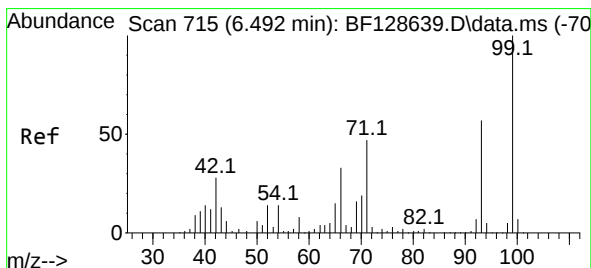
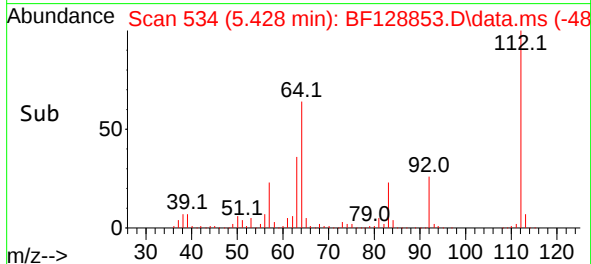
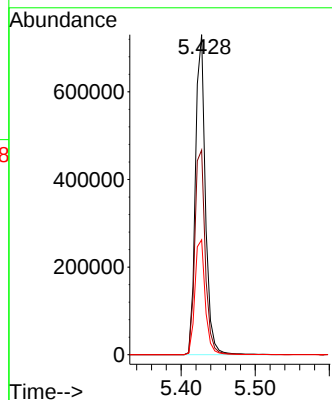
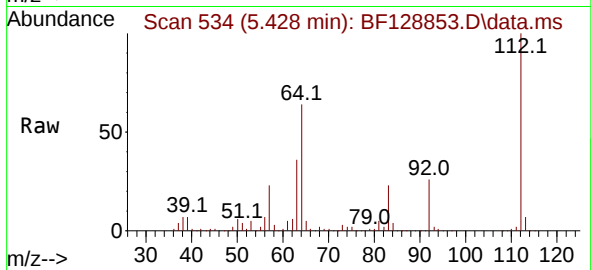




#5
2-Fluorophenol
Concen: 111.904 ng
RT: 5.428 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

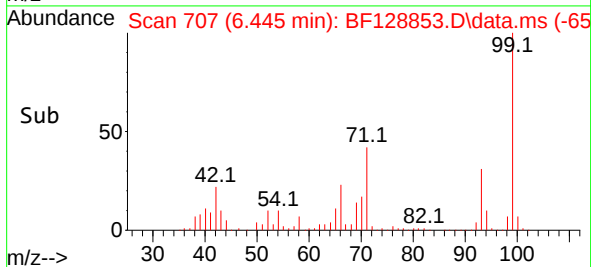
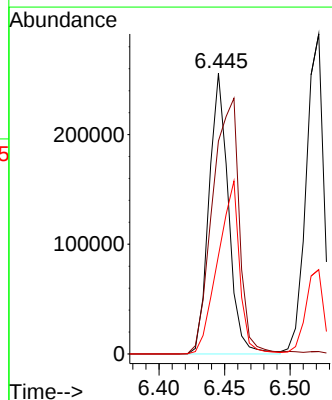
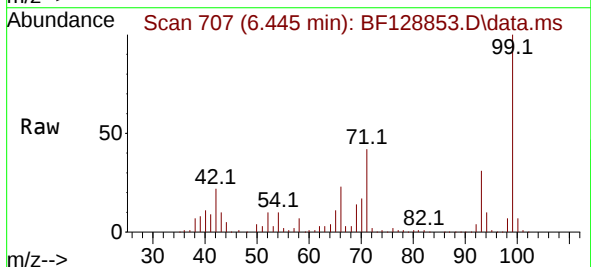
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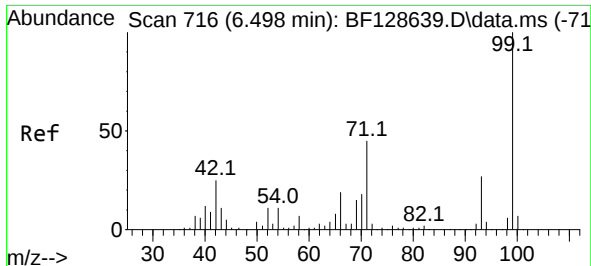
Tgt Ion:112 Resp: 680980
Ion Ratio Lower Upper
112 100
64 63.9 53.3 79.9
63 35.9 28.0 42.0



#6
Aniline
Concen: 33.007 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion: 93 Resp: 264433
Ion Ratio Lower Upper
93 100
66 75.9 32.5 48.7#
65 35.0 16.4 24.6#

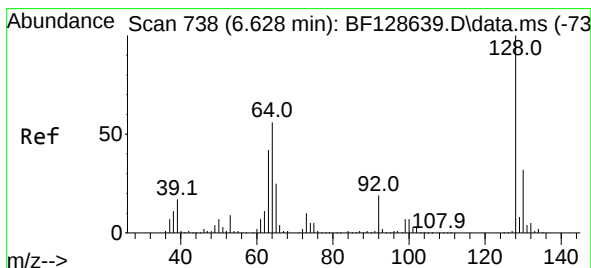
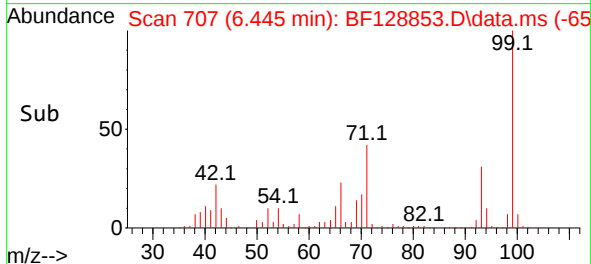
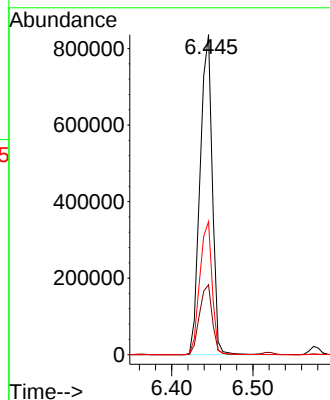
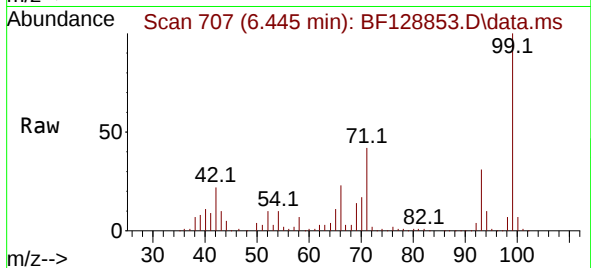




#7
Phenol-d6
Concen: 118.017 ng
RT: 6.445 min Scan# 707
Delta R.T. 0.006 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

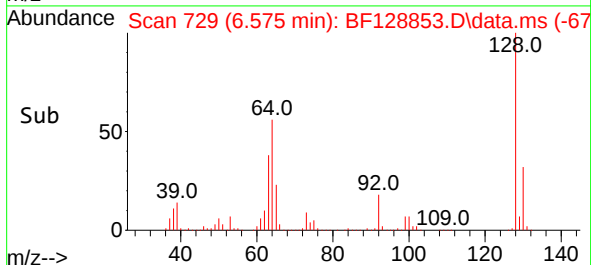
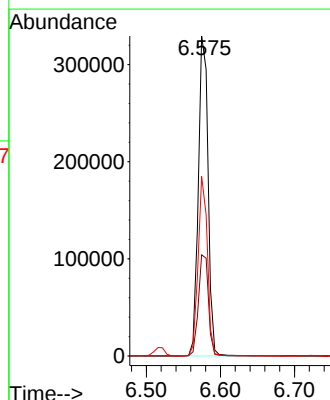
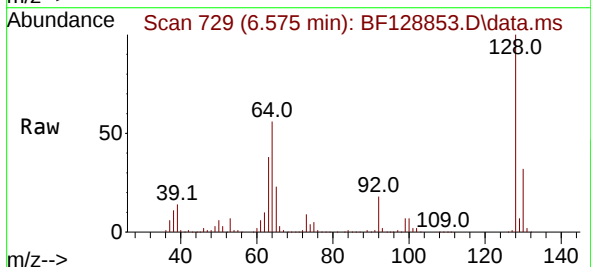
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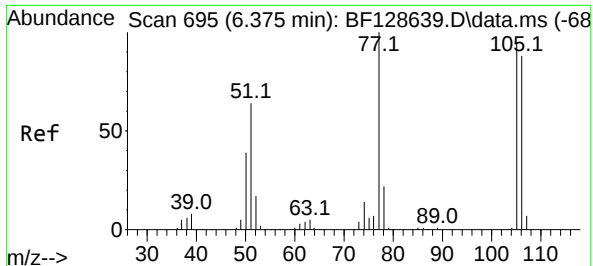
Tgt Ion: 99 Resp: 876660
Ion Ratio Lower Upper
99 100
42 21.8 17.3 25.9
71 41.6 28.9 43.3



#8
2-Chlorophenol
Concen: 48.196 ng
RT: 6.575 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:128 Resp: 300106
Ion Ratio Lower Upper
128 100
130 31.6 13.1 53.1
64 56.1 30.9 70.9

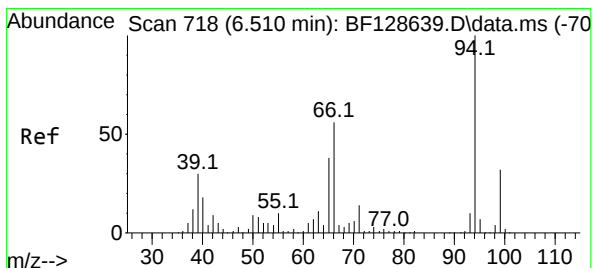
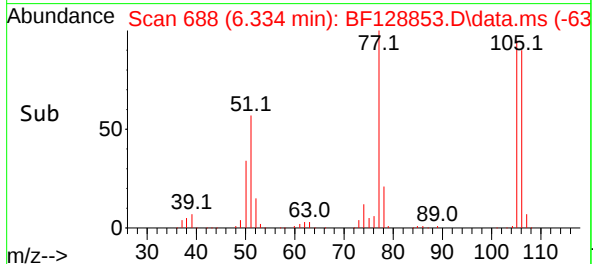
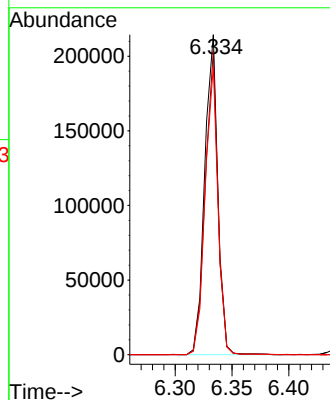
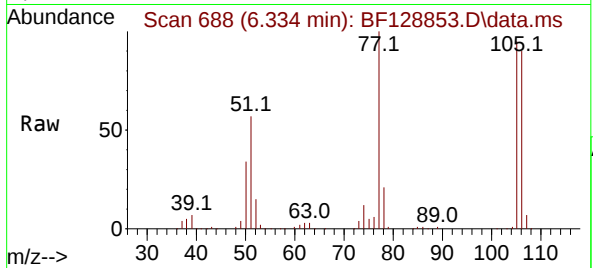




#9
Benzaldehyde
Concen: 37.665 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

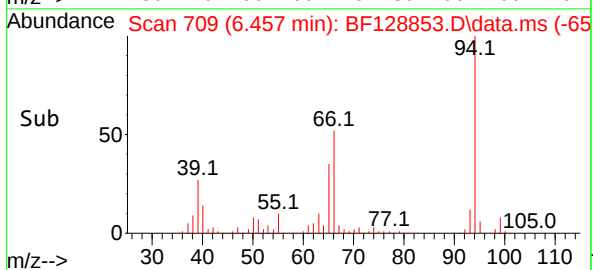
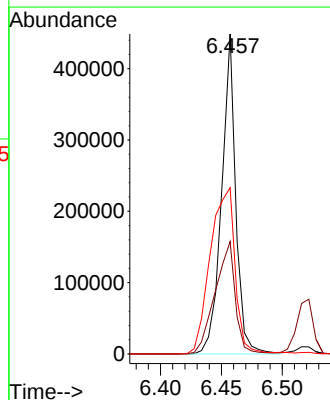
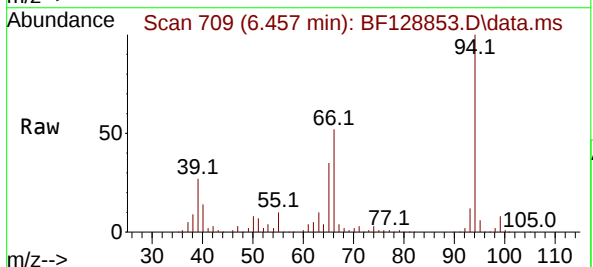
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Tgt Ion: 77 Resp: 170452
Ion Ratio Lower Upper
77 100
105 95.1 81.6 121.6
106 90.2 76.1 116.1



#10
Phenol
Concen: 46.399 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion: 94 Resp: 364334
Ion Ratio Lower Upper
94 100
65 35.1 11.4 51.4
66 52.0 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 46.943 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

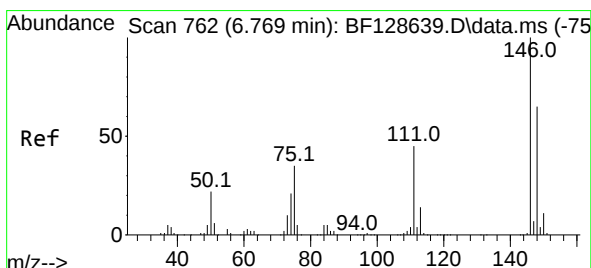
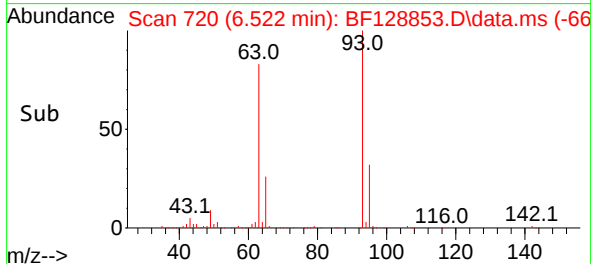
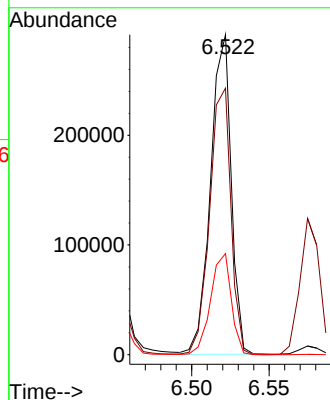
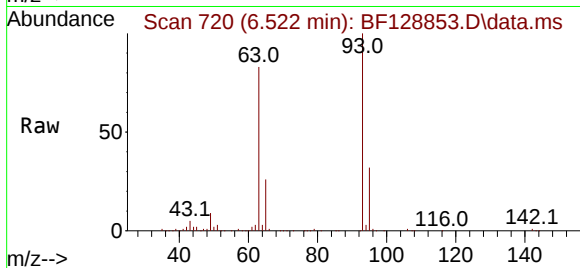
Tgt Ion: 93 Resp: 270104

Ion Ratio Lower Upper

93 100

63 83.3 67.4 107.4

95 31.6 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 45.702 ng

RT: 6.722 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

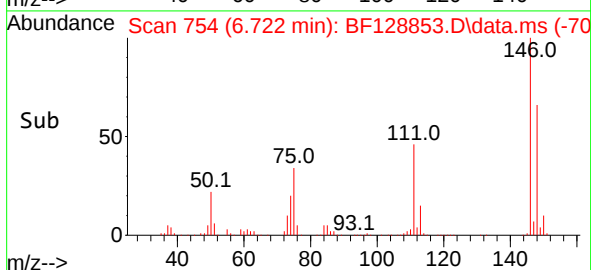
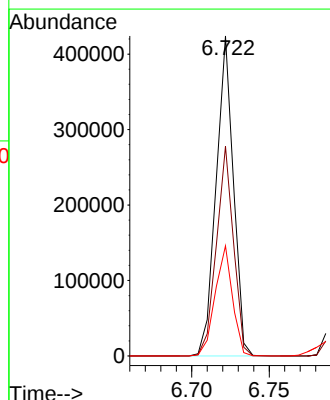
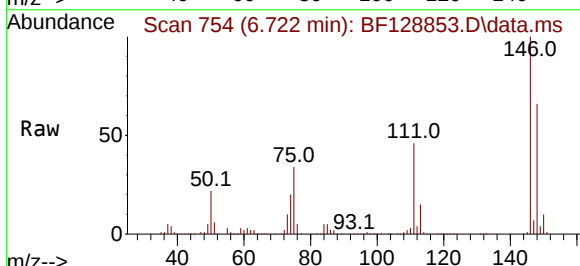
Tgt Ion:146 Resp: 328985

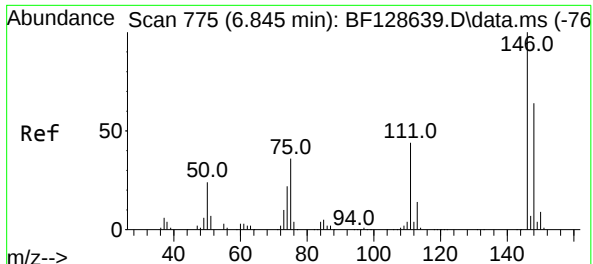
Ion Ratio Lower Upper

146 100

148 65.6 50.6 75.8

75 34.4 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 45.929 ng

RT: 6.798 min Scan# 709

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

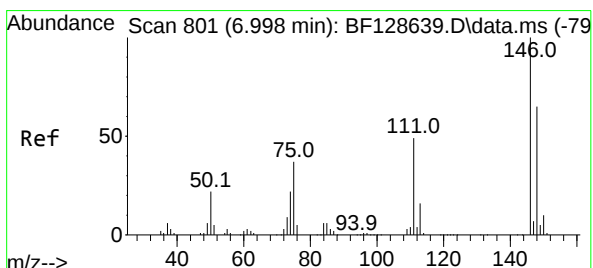
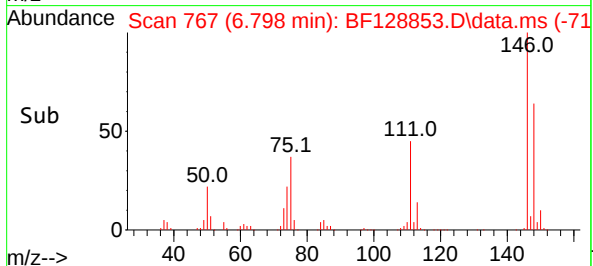
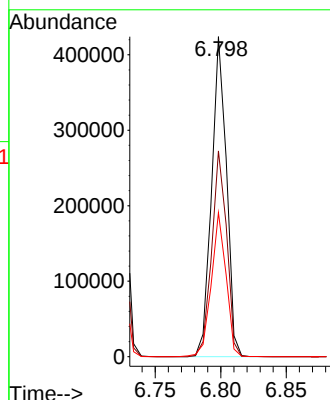
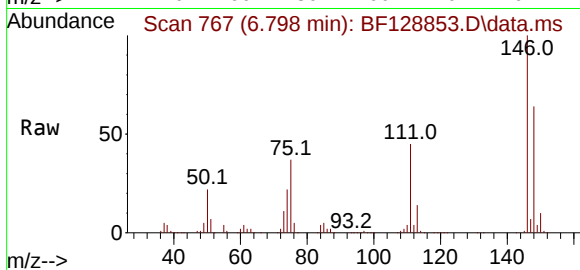
Tgt Ion:146 Resp: 333914

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

111 45.0 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 46.856 ng

RT: 6.951 min Scan# 793

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

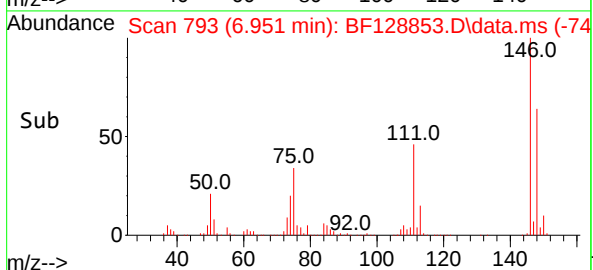
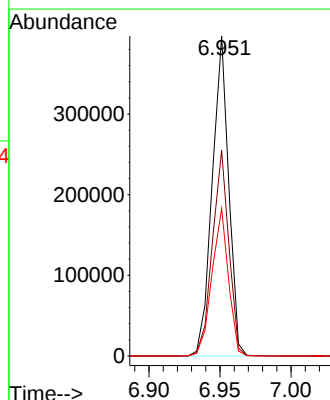
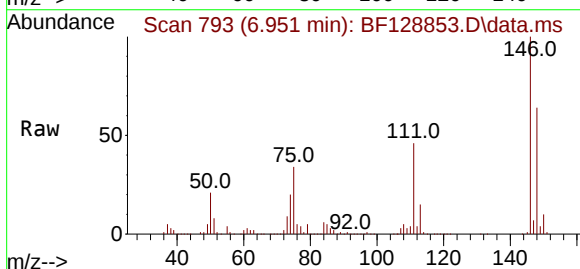
Tgt Ion:146 Resp: 318663

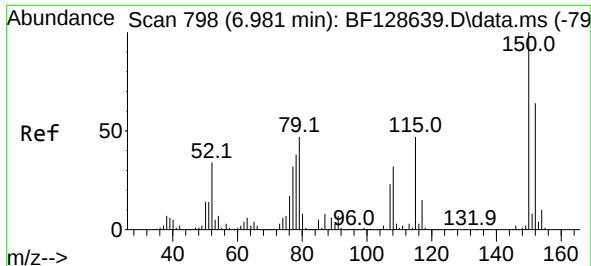
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

111 46.1 35.1 52.7





#15

Benzyl Alcohol

Concen: 45.613 ng

RT: 6.934 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

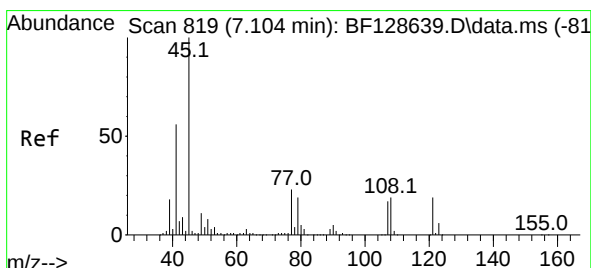
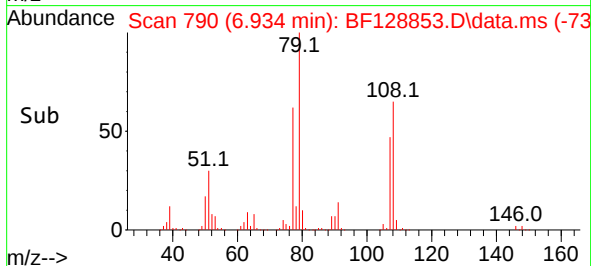
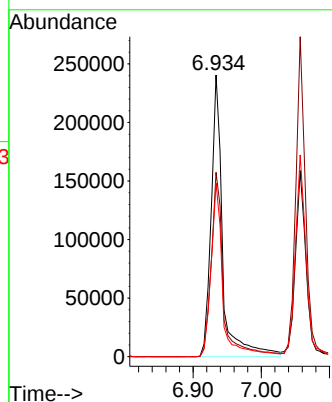
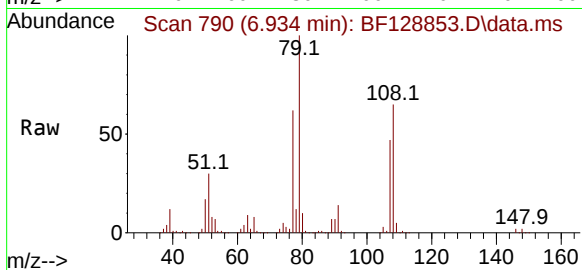
Tgt Ion: 79 Resp: 283494

Ion Ratio Lower Upper

79 100

108 65.4 61.8 92.6

77 61.7 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.306 ng

RT: 7.057 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

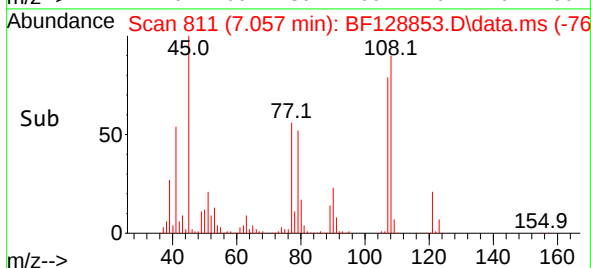
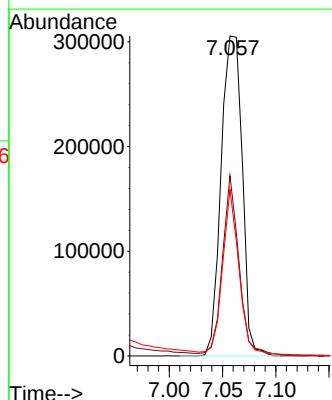
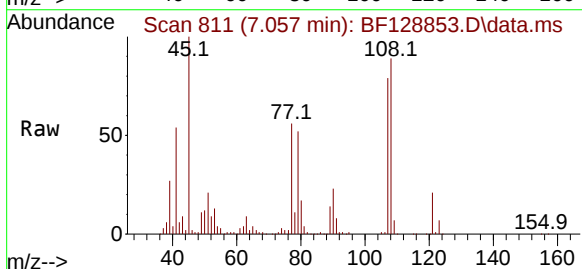
Tgt Ion: 45 Resp: 420025

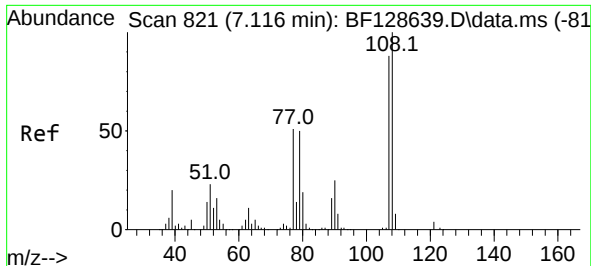
Ion Ratio Lower Upper

45 100

77 56.4 0.0 31.3#

79 52.0 0.0 28.3#





#17

2-Methylphenol

Concen: 49.058 ng

RT: 7.057 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

Tgt Ion:107 Resp: 241432

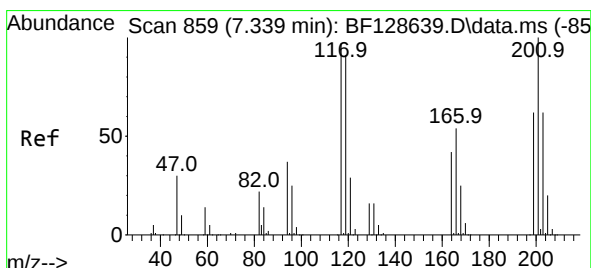
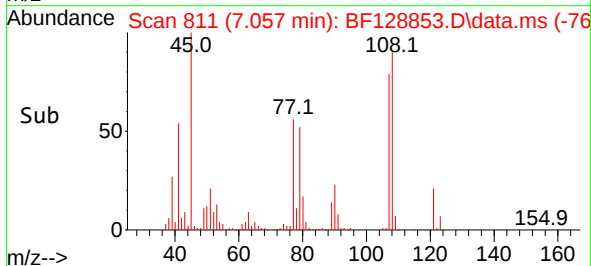
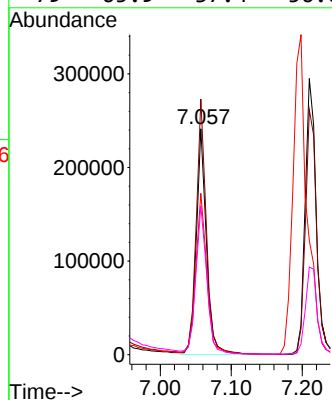
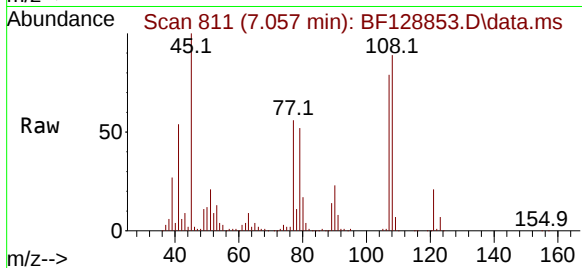
Ion Ratio Lower Upper

107 100

108 113.2 91.9 137.9

77 71.4 37.8 56.8#

79 65.9 37.4 56.0#



#18

Hexachloroethane

Concen: 46.752 ng

RT: 7.292 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

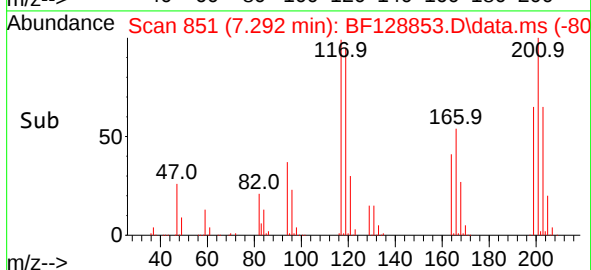
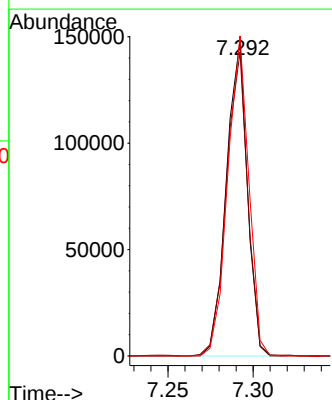
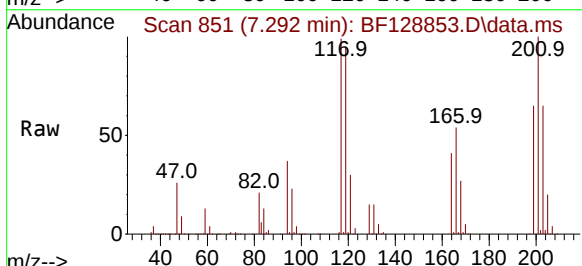
Tgt Ion:117 Resp: 126456

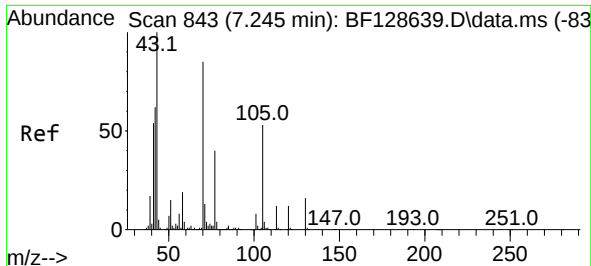
Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.2

201 101.2 84.6 127.0

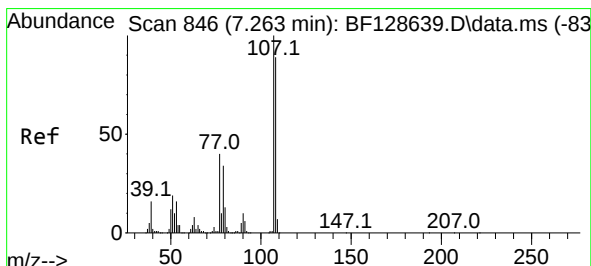
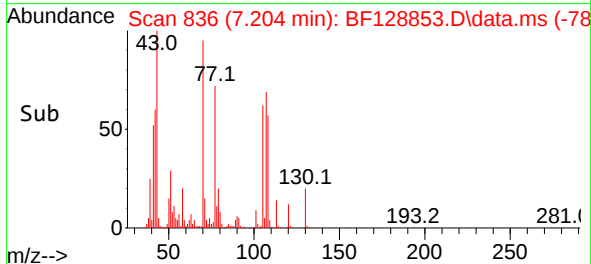
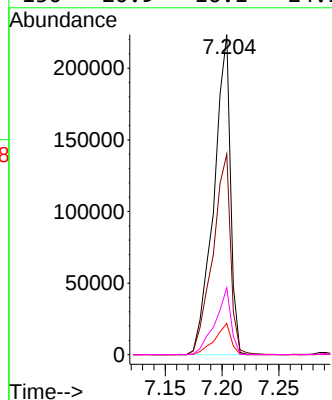
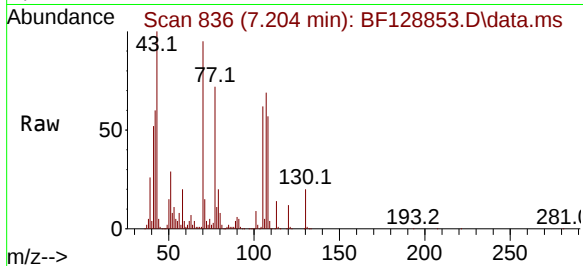




#19
n-Nitroso-di-n-propylamine
Concen: 49.203 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

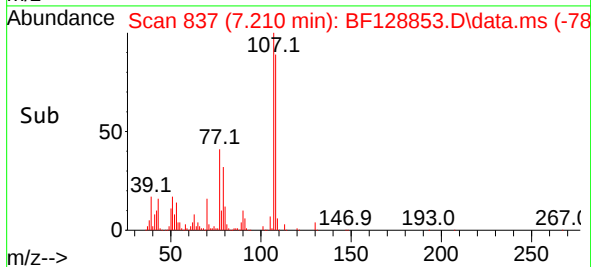
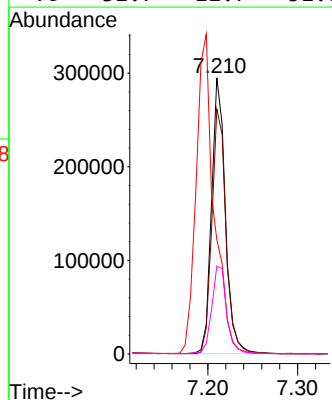
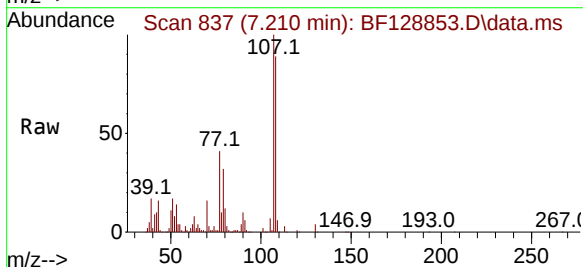
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

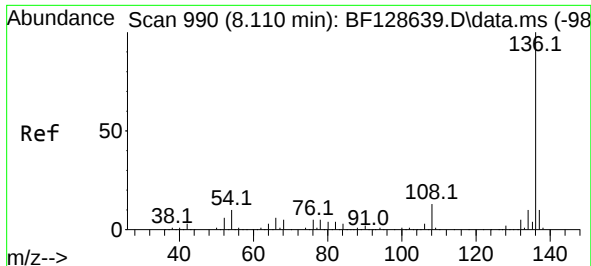
Tgt Ion: 70 Resp: 227248
Ion Ratio Lower Upper
70 100
42 62.6 52.3 78.5
101 9.7 7.5 11.3
130 20.9 16.1 24.1



#20
3+4-Methylphenols
Concen: 47.958 ng
RT: 7.210 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion: 107 Resp: 315098
Ion Ratio Lower Upper
107 100
108 88.7 71.8 111.8
77 41.4 59.3 99.3#
79 31.7 11.7 51.7

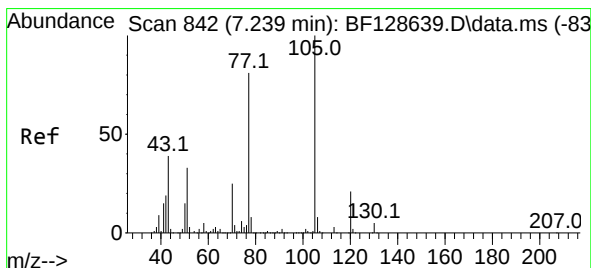
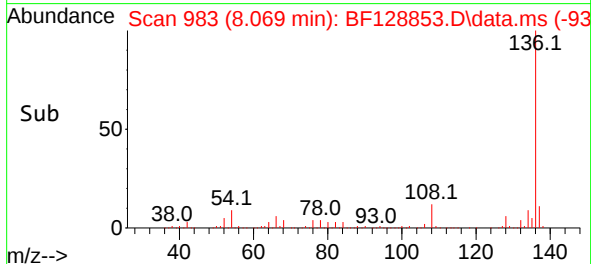
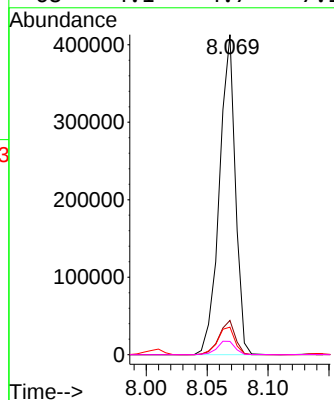
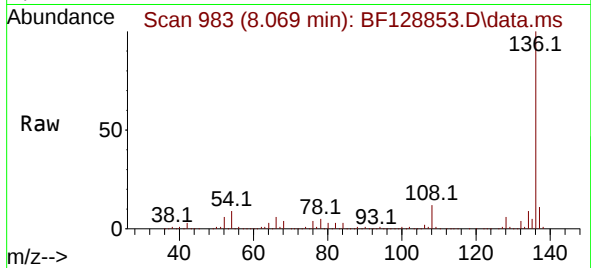




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

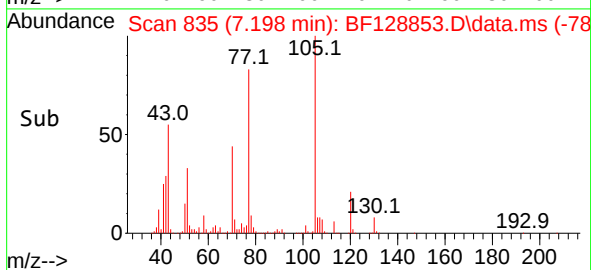
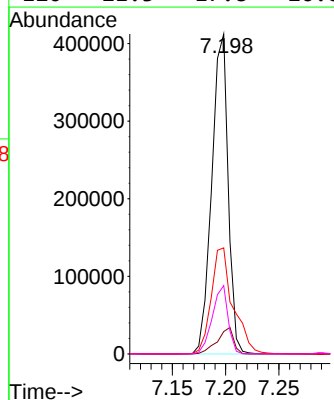
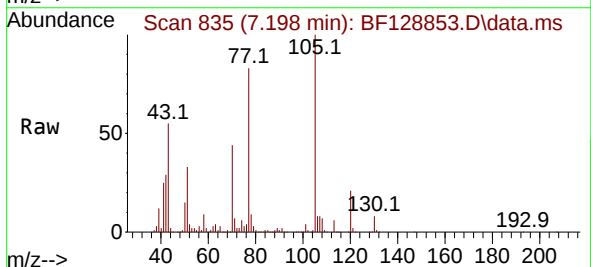
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

Tgt Ion:136 Resp: 377812
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.6 7.5 11.3
68 4.1 4.7 7.1#



#22
Acetophenone
Concen: 44.740 ng
RT: 7.198 min Scan# 835
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:105 Resp: 442099
Ion Ratio Lower Upper
105 100
71 7.0 5.0 7.4
51 33.1 25.0 37.4
120 21.3 17.8 26.8

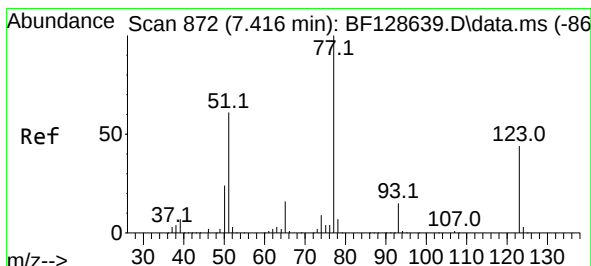
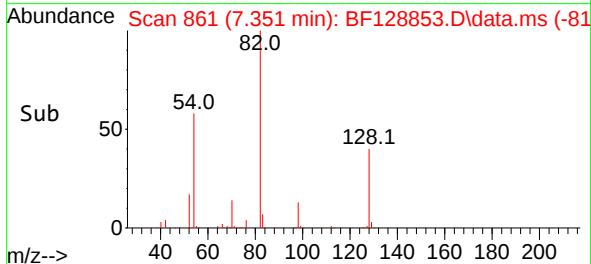
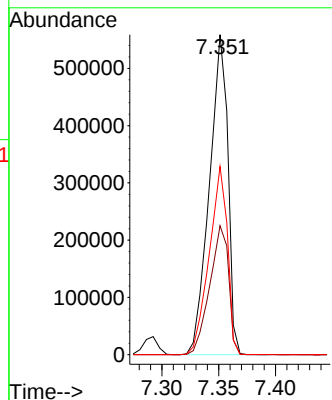
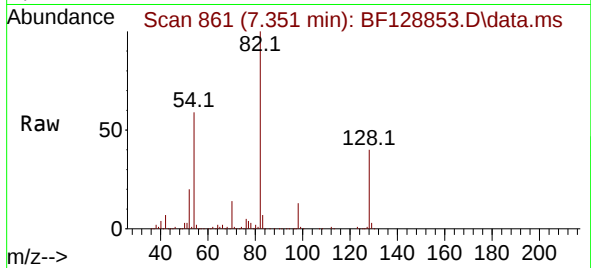




#23
Nitrobenzene-d5
Concen: 77.697 ng
RT: 7.351 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

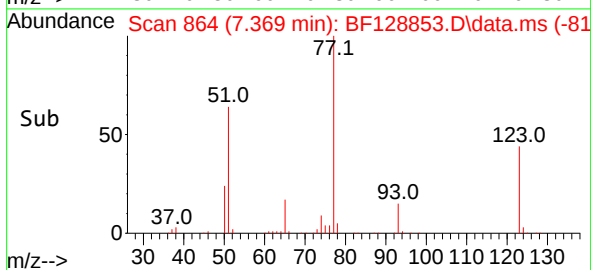
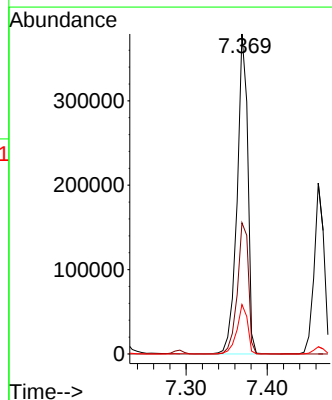
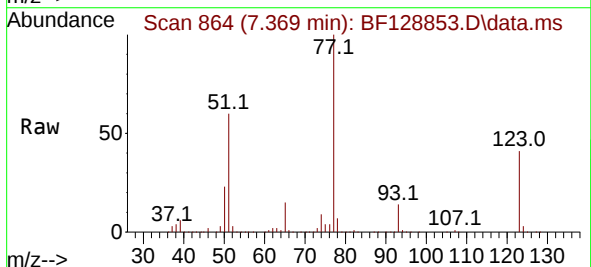
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

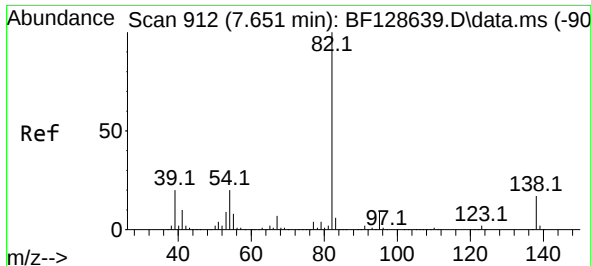
Tgt Ion: 82 Resp: 630494
Ion Ratio Lower Upper
82 100
128 40.3 34.0 51.0
54 58.8 46.9 70.3



#24
Nitrobenzene
Concen: 46.334 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion: 77 Resp: 345183
Ion Ratio Lower Upper
77 100
123 41.0 35.4 53.2
65 15.5 11.8 17.8

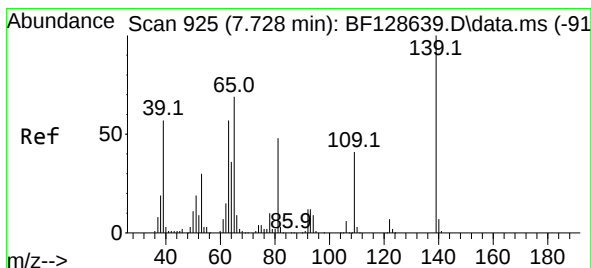
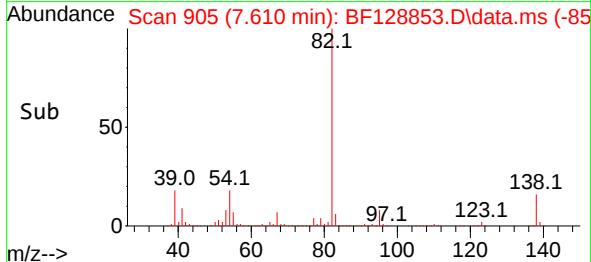
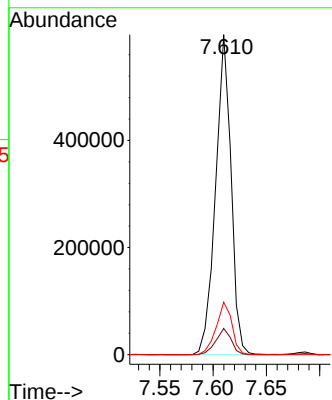
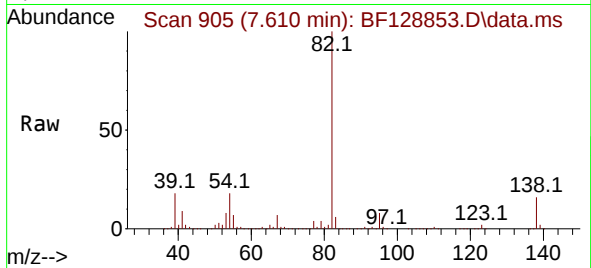




#25
Isophorone
Concen: 48.741 ng
RT: 7.610 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

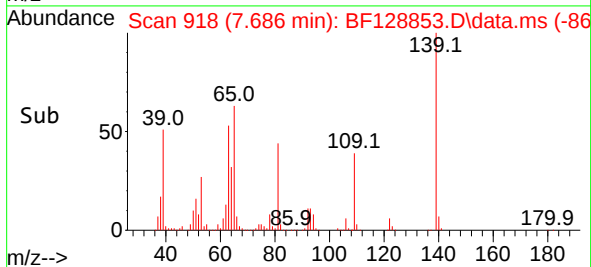
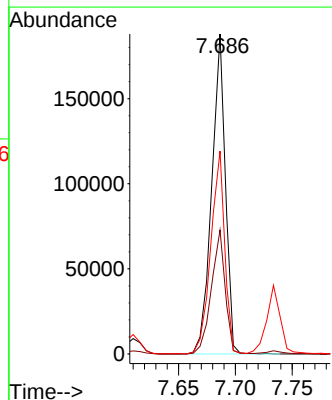
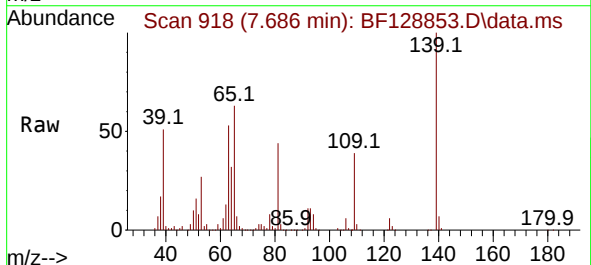
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

Tgt Ion: 82 Resp: 600714
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.4 14.2 21.2



#26
2-Nitrophenol
Concen: 47.951 ng
RT: 7.686 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:139 Resp: 157393
Ion Ratio Lower Upper
139 100
109 38.8 25.0 37.4#
65 63.4 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 54.495 ng

RT: 7.733 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

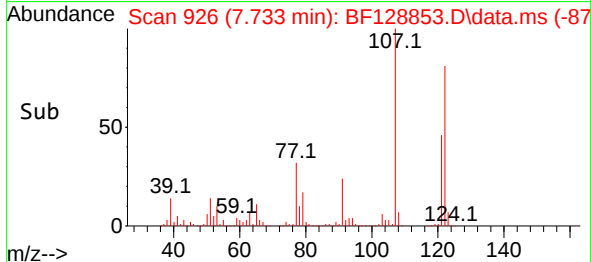
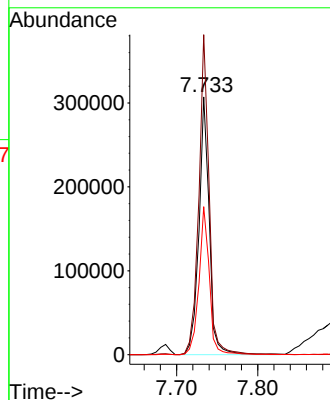
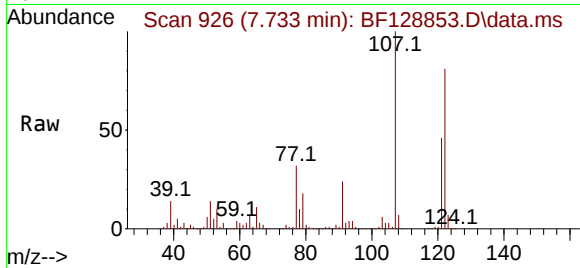
Tgt Ion:122 Resp: 272477

Ion Ratio Lower Upper

122 100

107 124.1 93.0 139.6

121 57.4 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.273 ng

RT: 7.816 min Scan# 940

Delta R.T. -0.006 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

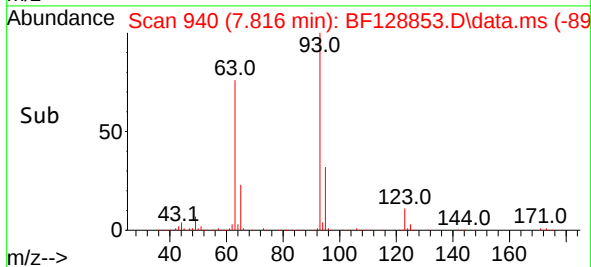
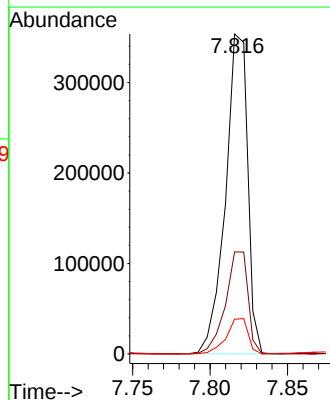
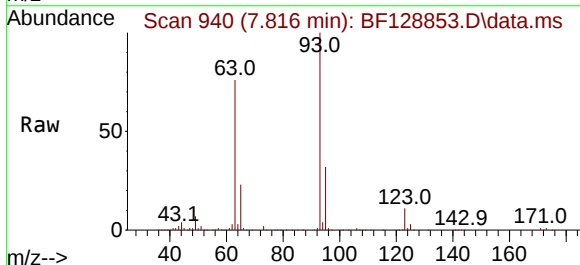
Tgt Ion: 93 Resp: 352726

Ion Ratio Lower Upper

93 100

95 31.9 26.8 40.2

123 10.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.604 ng

RT: 7.939 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

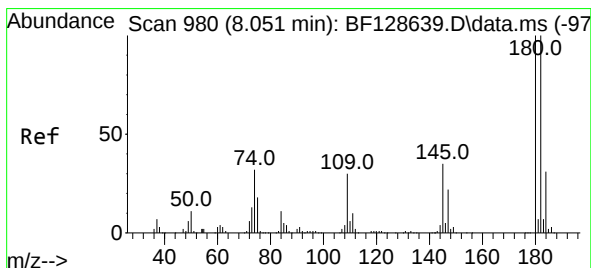
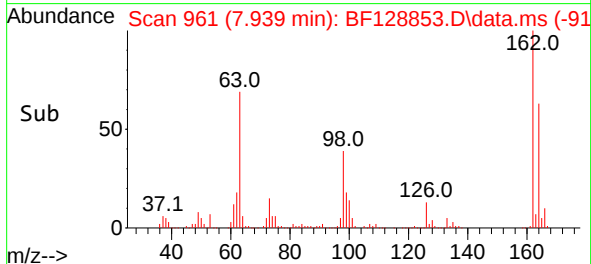
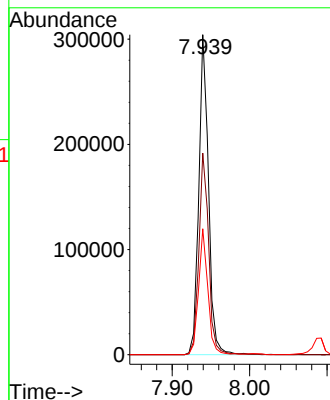
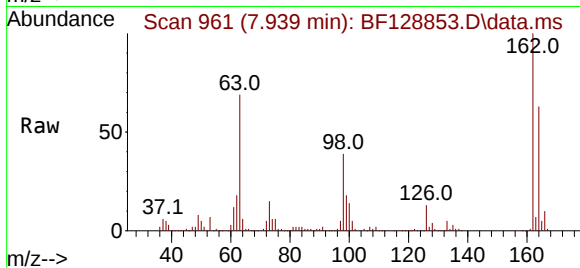
Tgt Ion:162 Resp: 263911

Ion Ratio Lower Upper

162 100

164 63.0 44.2 84.2

98 39.3 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 44.090 ng

RT: 8.010 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

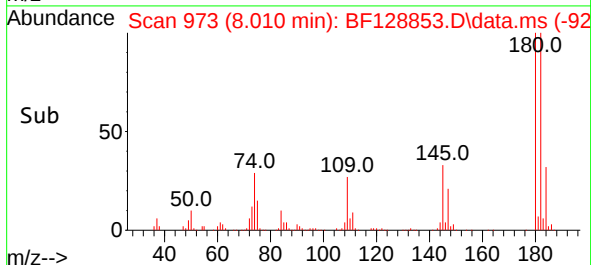
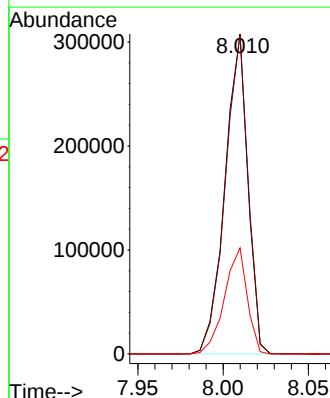
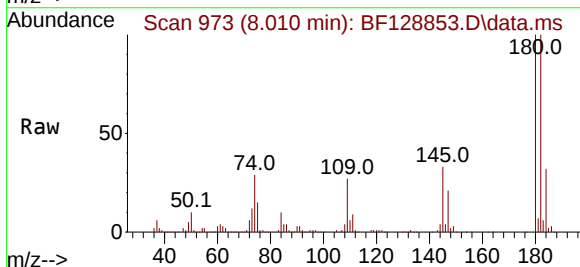
Tgt Ion:180 Resp: 287296

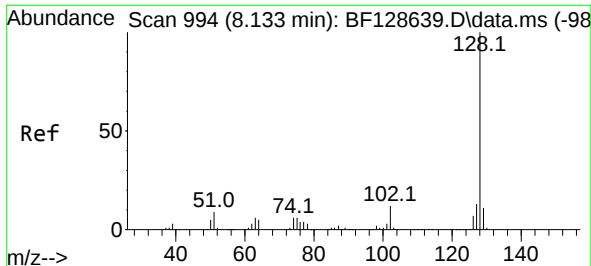
Ion Ratio Lower Upper

180 100

182 100.2 79.2 118.8

145 33.2 26.2 39.2

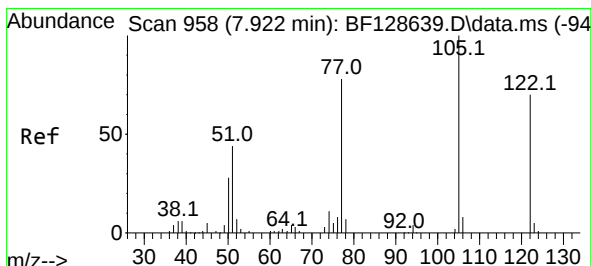
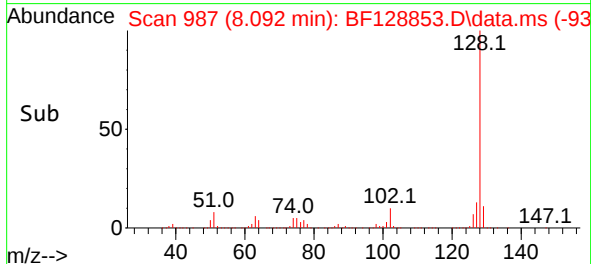
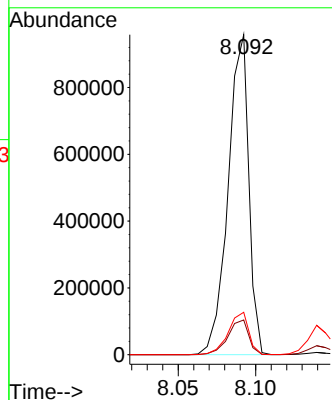
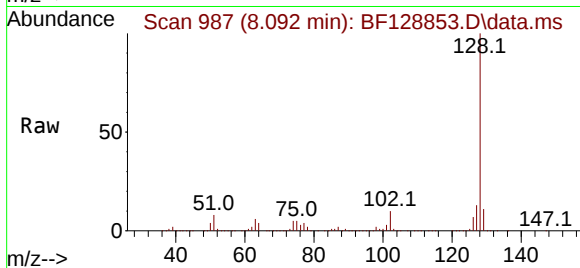




#31
Naphthalene
Concen: 45.773 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

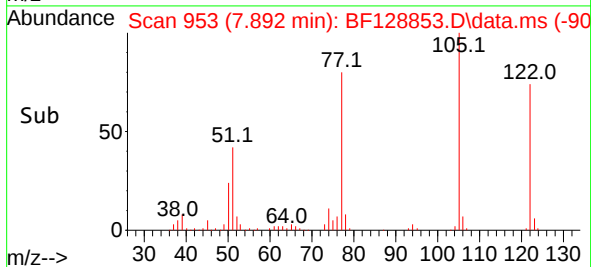
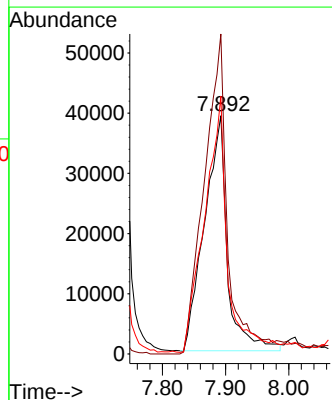
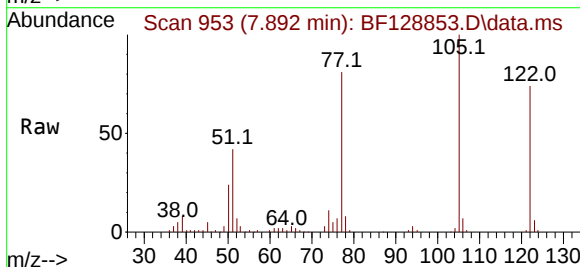
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

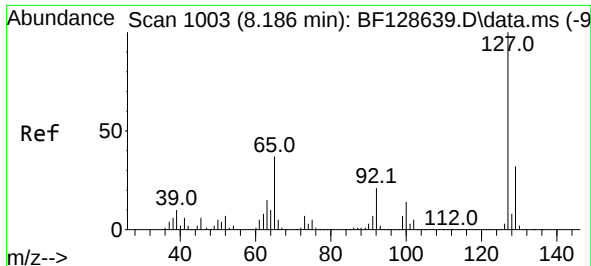
Tgt Ion:128 Resp: 887512
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 27.713 ng
RT: 7.892 min Scan# 953
Delta R.T. 0.012 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:122 Resp: 98309
Ion Ratio Lower Upper
122 100
105 134.4 107.1 147.1
77 108.3 74.2 114.2





#33

4-Chloroaniline

Concen: 20.783 ng

RT: 8.139 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

Tgt Ion:127 Resp: 151935

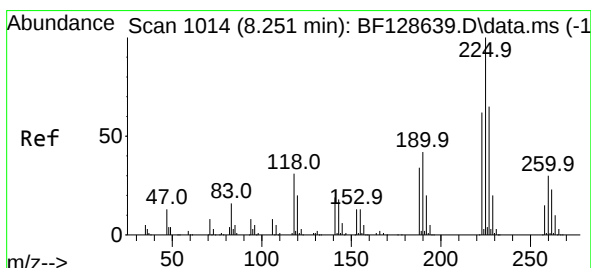
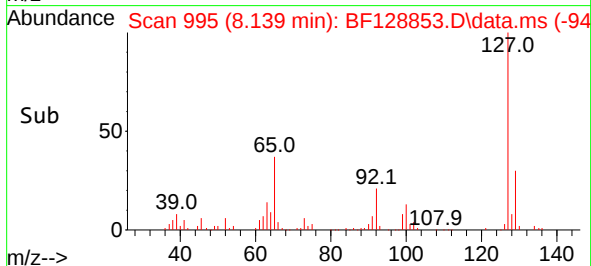
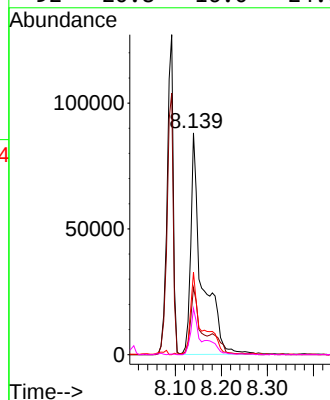
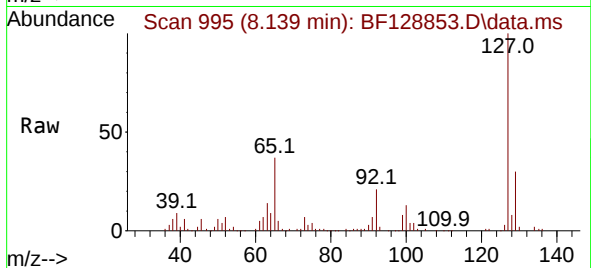
Ion Ratio Lower Upper

127 100

129 30.2 26.4 39.6

65 37.2 26.4 39.6

92 20.8 16.0 24.0



#34

Hexachlorobutadiene

Concen: 42.495 ng

RT: 8.204 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

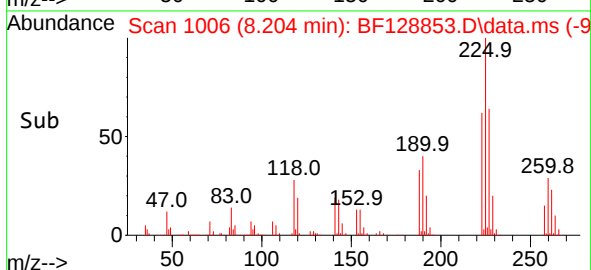
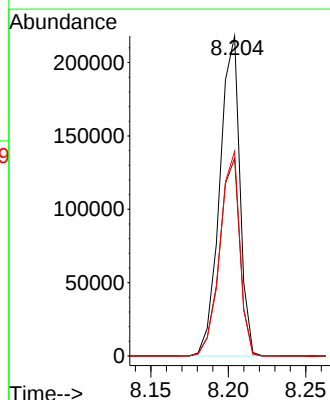
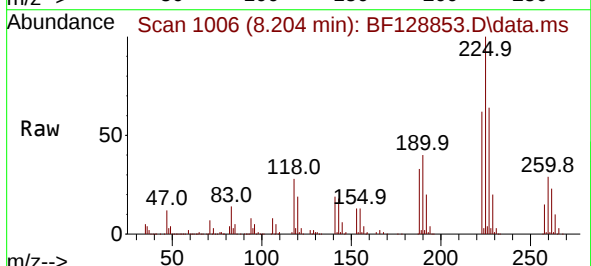
Tgt Ion:225 Resp: 196378

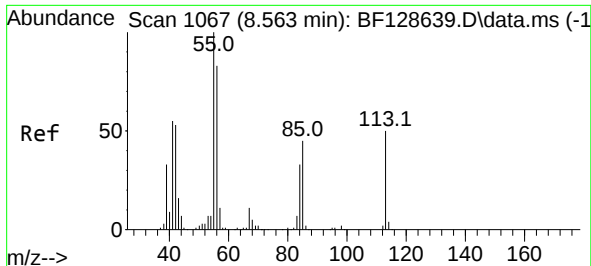
Ion Ratio Lower Upper

225 100

223 61.7 51.0 76.6

227 63.9 51.1 76.7

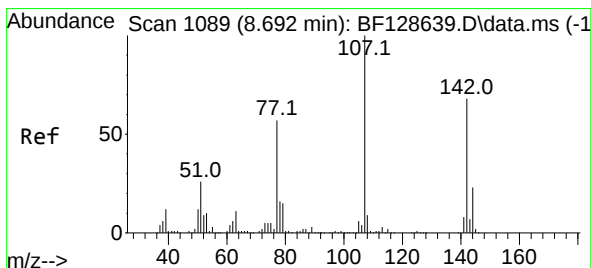
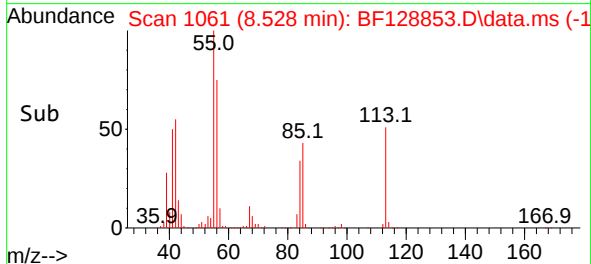
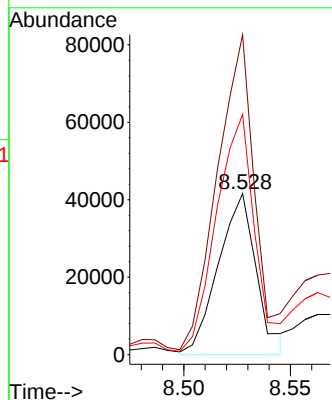
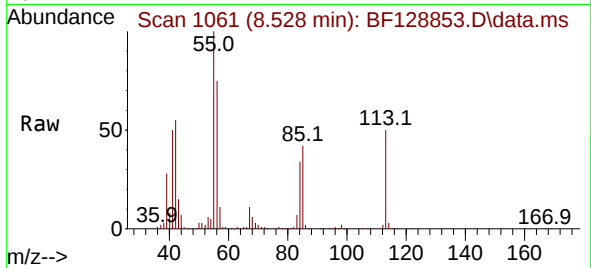




#35
 Caprolactam
 Concen: 32.248 ng
 RT: 8.528 min Scan# 1061
 Delta R.T. -0.000 min
 Lab File: BF128853.D
 Acq: 17 Jun 2022 14:39

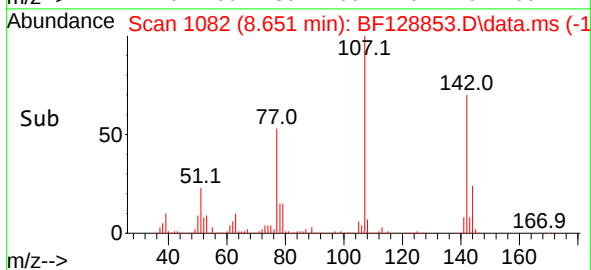
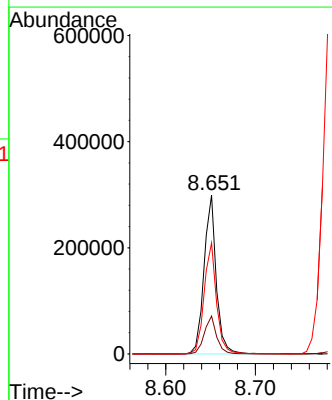
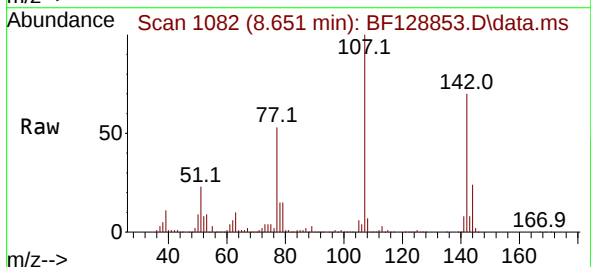
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211MS

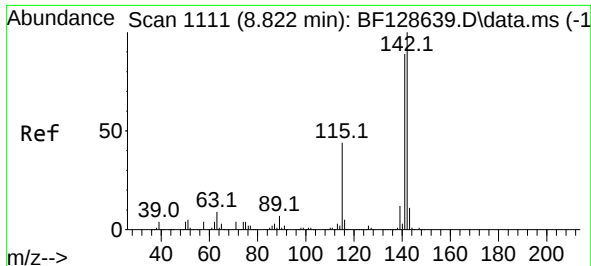
Tgt Ion:113 Resp: 51605
 Ion Ratio Lower Upper
 113 100
 55 198.6 188.5 228.5
 56 149.2 130.6 170.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.867 ng
 RT: 8.651 min Scan# 1082
 Delta R.T. 0.006 min
 Lab File: BF128853.D
 Acq: 17 Jun 2022 14:39

Tgt Ion:107 Resp: 283365
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.5 29.3
 142 69.9 58.2 87.4





#37

2-Methylnaphthalene

Concen: 40.178 ng

RT: 8.780 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

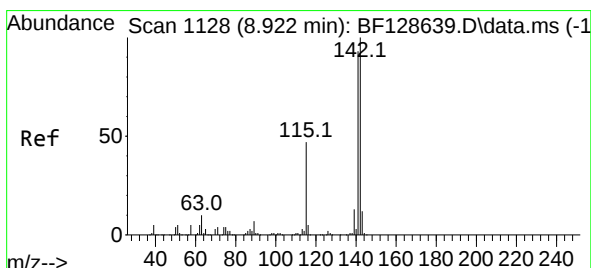
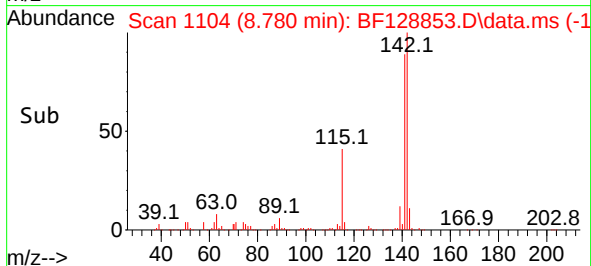
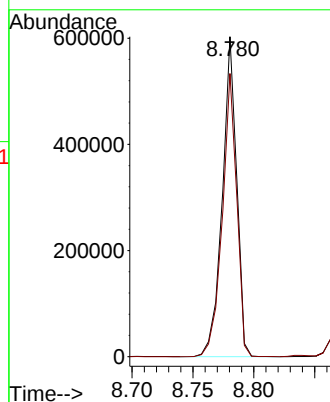
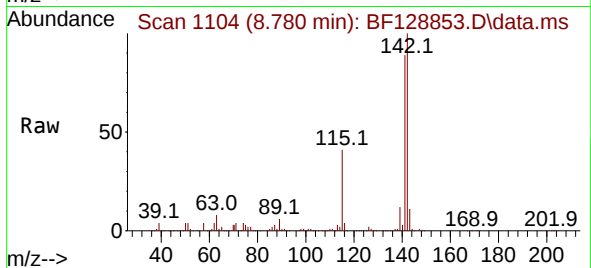
VNJ-211MS

Tgt Ion:142 Resp: 495509

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.4



#38

1-Methylnaphthalene

Concen: 39.602 ng

RT: 8.880 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF128853.D

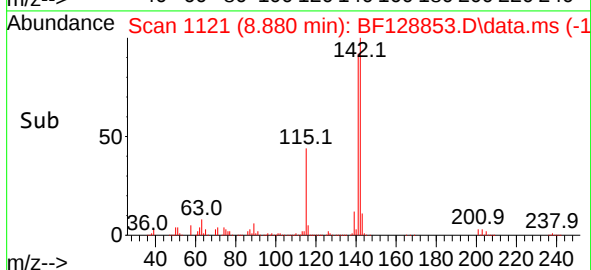
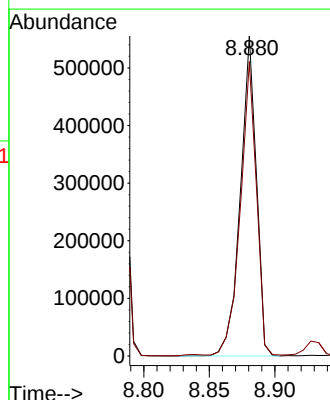
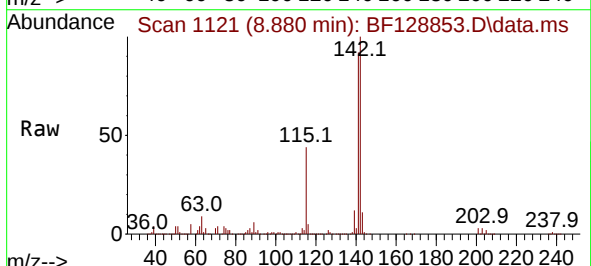
Acq: 17 Jun 2022 14:39

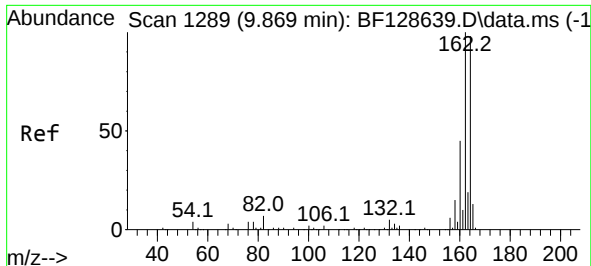
Tgt Ion:142 Resp: 471873

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

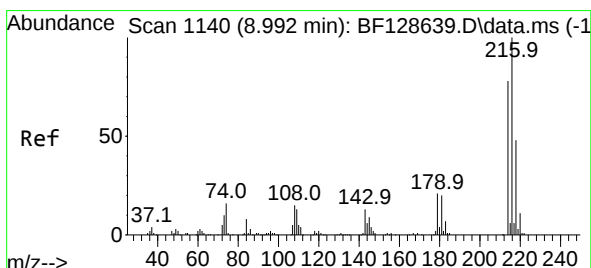
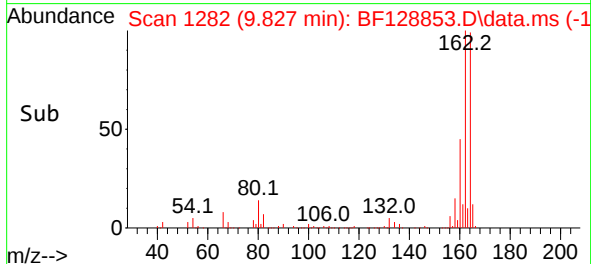
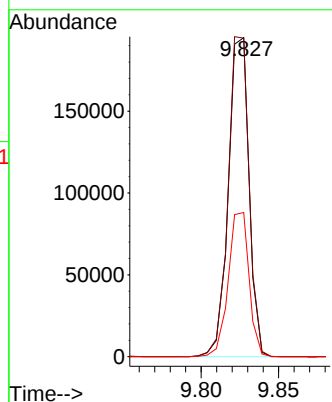
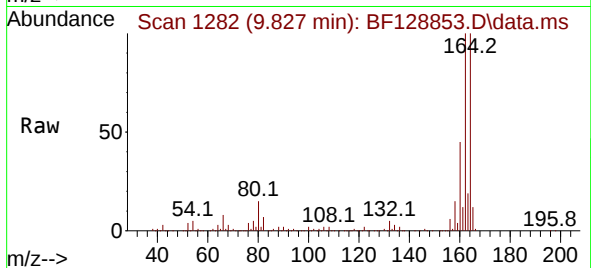
Tgt Ion:164 Resp: 180686

Ion Ratio Lower Upper

164 100

162 99.9 79.5 119.3

160 45.2 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.413 ng

RT: 8.951 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Tgt Ion:216 Resp: 266060

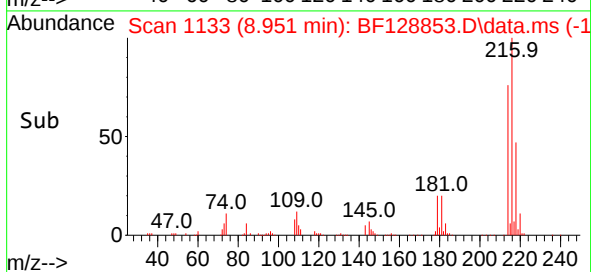
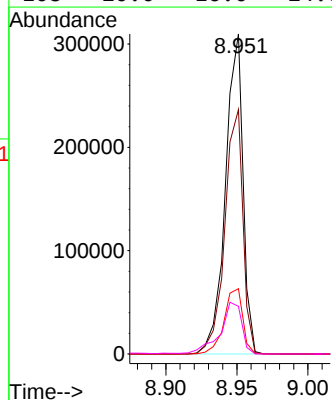
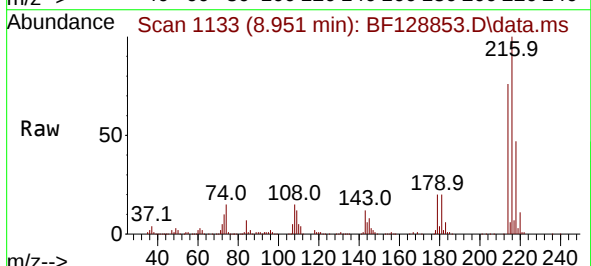
Ion Ratio Lower Upper

216 100

214 78.6 63.6 95.4

179 21.6 17.0 25.6

108 20.0 16.0 24.0

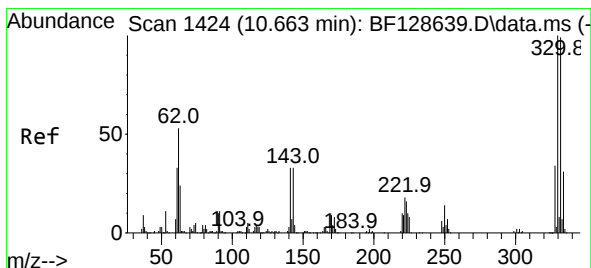
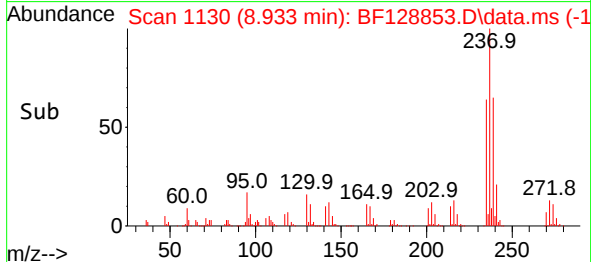
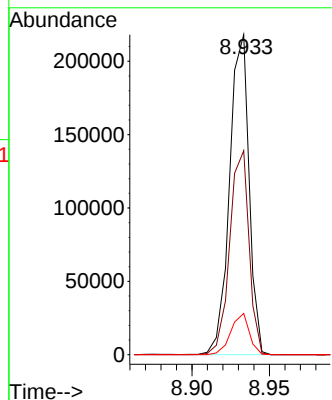
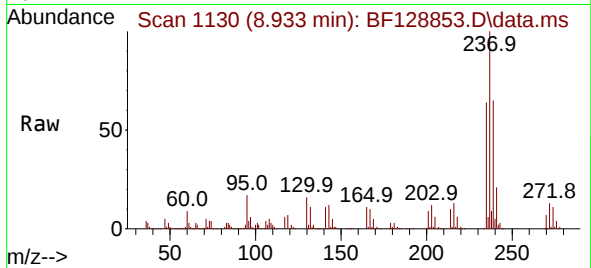




#41
Hexachlorocyclopentadiene
Concen: 56.548 ng
RT: 8.933 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

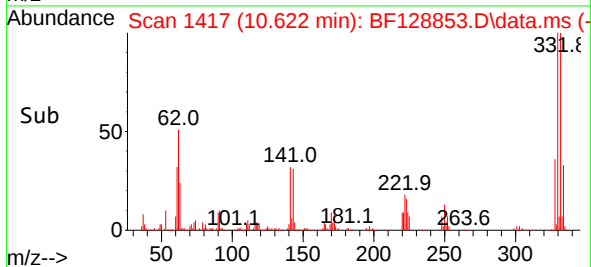
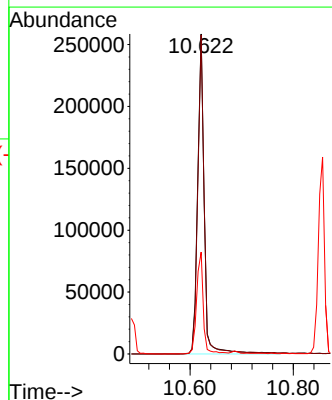
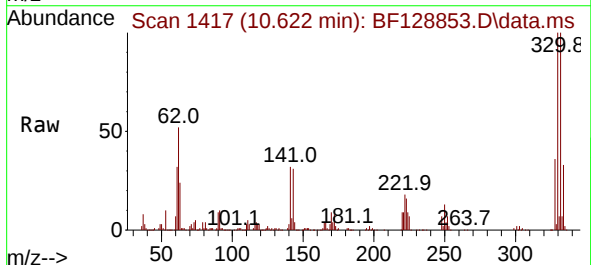
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

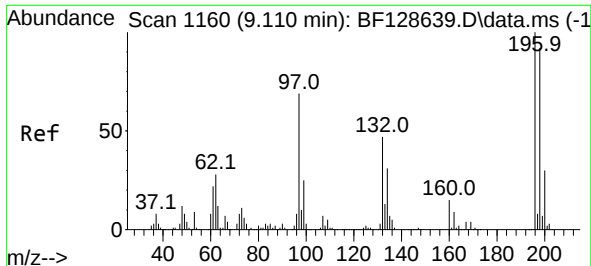
Tgt Ion:237 Resp: 190742
Ion Ratio Lower Upper
237 100
235 63.7 43.2 83.2
272 12.9 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 107.016 ng
RT: 10.622 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:330 Resp: 228469
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 32.4 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 41.982 ng

RT: 9.069 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

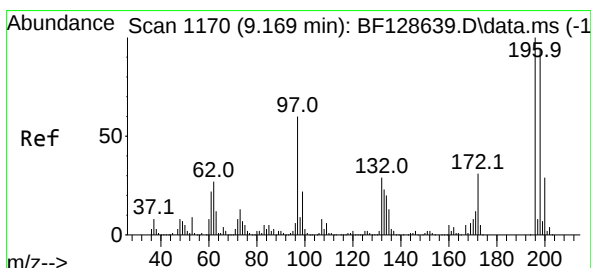
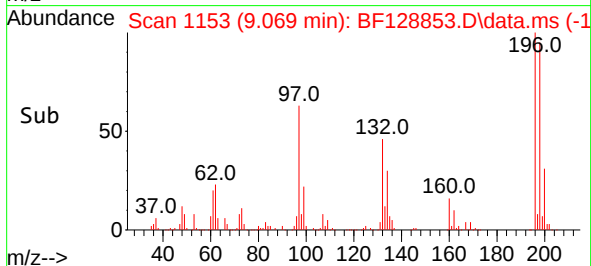
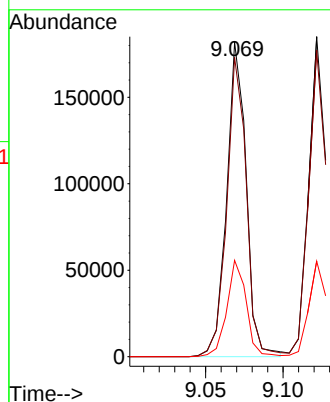
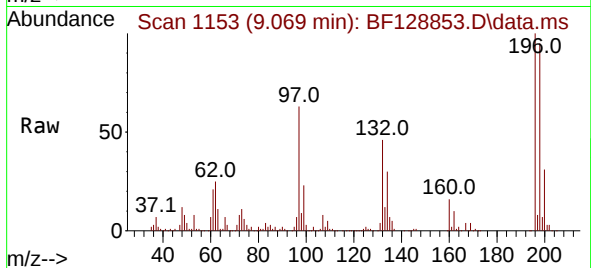
Tgt Ion:196 Resp: 159314

Ion Ratio Lower Upper

196 100

198 95.1 74.0 111.0

200 30.6 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.673 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Tgt Ion:196 Resp: 167351

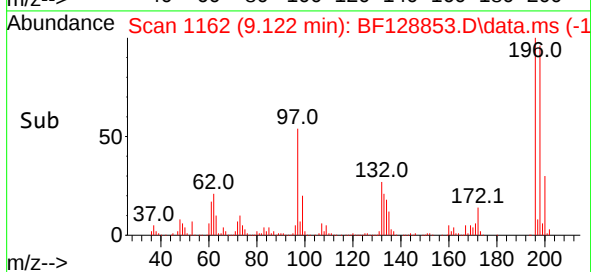
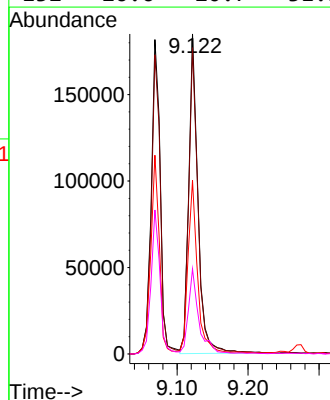
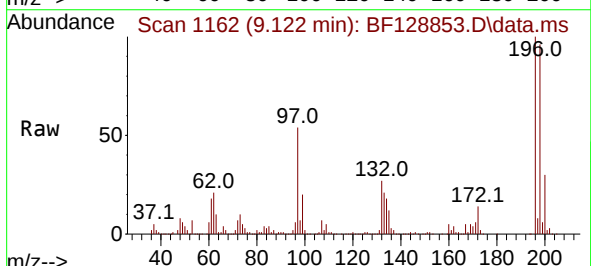
Ion Ratio Lower Upper

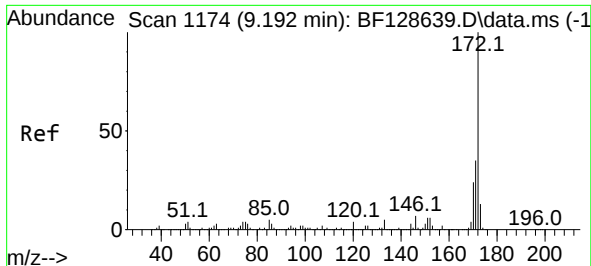
196 100

198 95.7 75.7 113.5

97 54.3 36.4 54.6

132 26.6 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 81.944 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

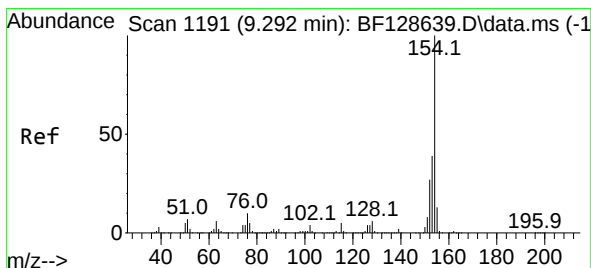
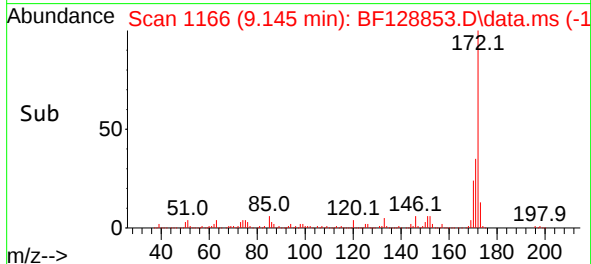
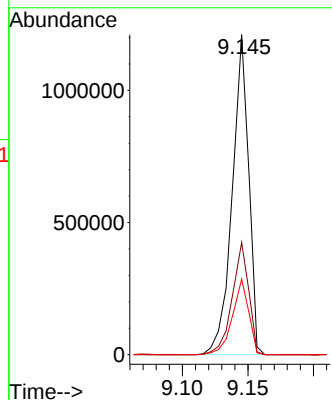
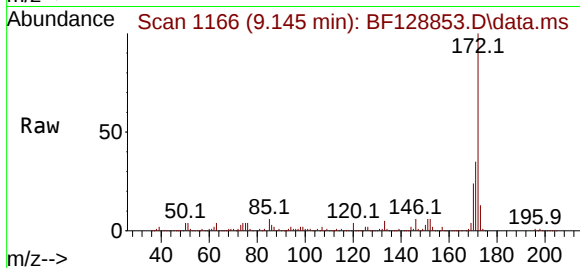
Tgt Ion:172 Resp: 1056980

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.6 19.8 29.8



#46

1,1'-Biphenyl

Concen: 46.787 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

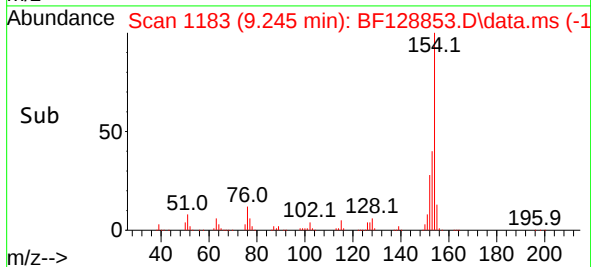
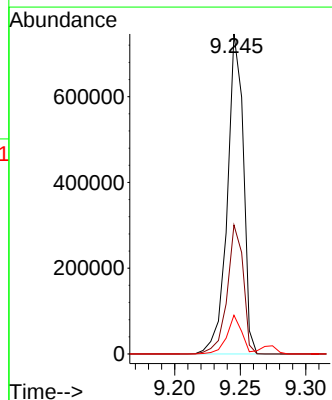
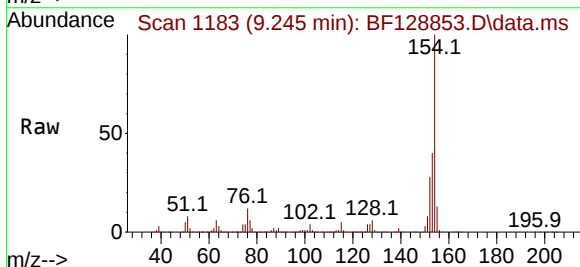
Tgt Ion:154 Resp: 634300

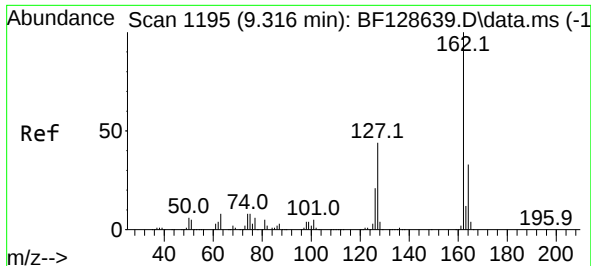
Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

76 12.1 0.0 33.3





#47

2-Chloronaphthalene

Concen: 46.669 ng

RT: 9.275 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

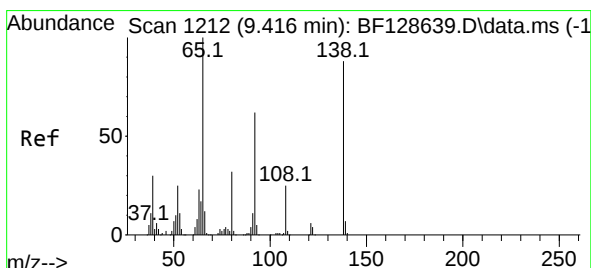
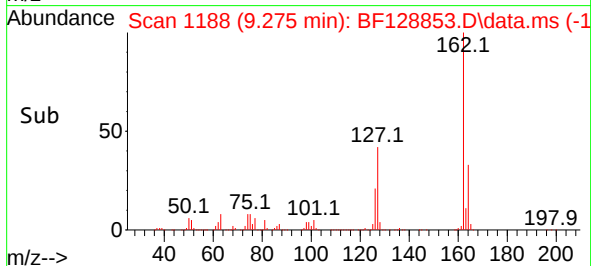
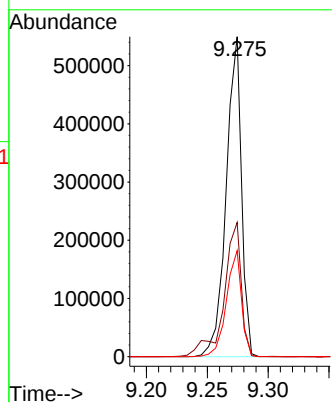
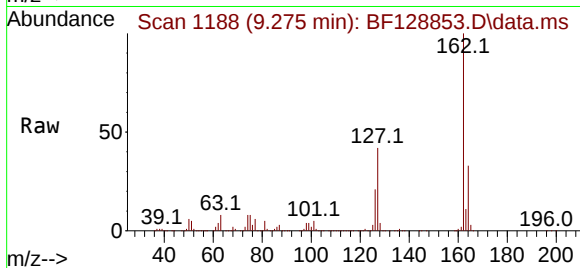
Tgt Ion:162 Resp: 482784

Ion Ratio Lower Upper

162 100

127 42.0 34.5 51.7

164 33.2 26.5 39.7



#48

2-Nitroaniline

Concen: 48.408 ng

RT: 9.375 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

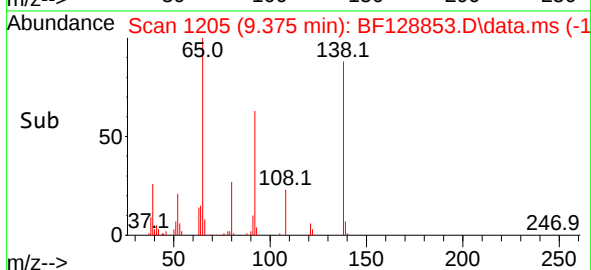
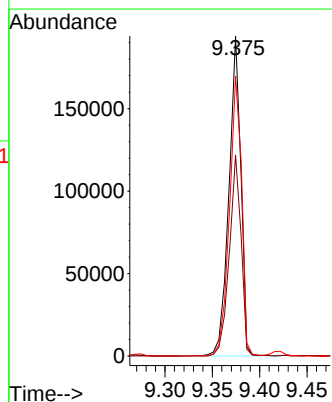
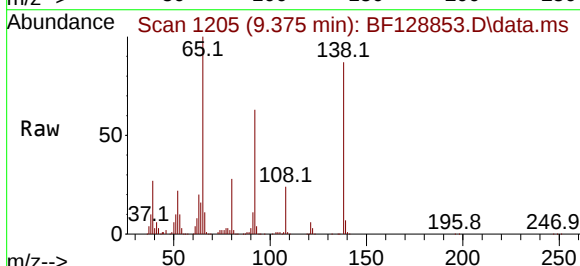
Tgt Ion: 65 Resp: 171243

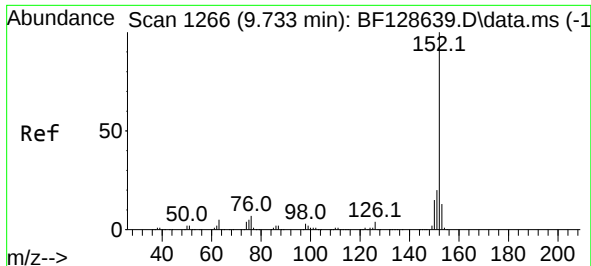
Ion Ratio Lower Upper

65 100

92 62.8 51.9 77.9

138 87.4 76.4 114.6





#49

Acenaphthylene

Concen: 49.463 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

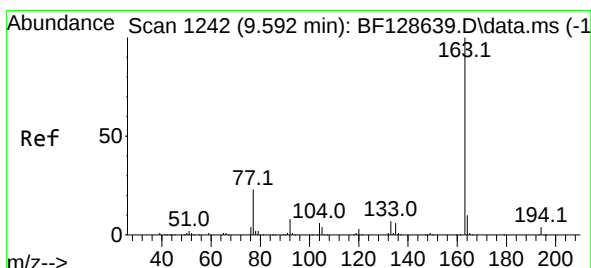
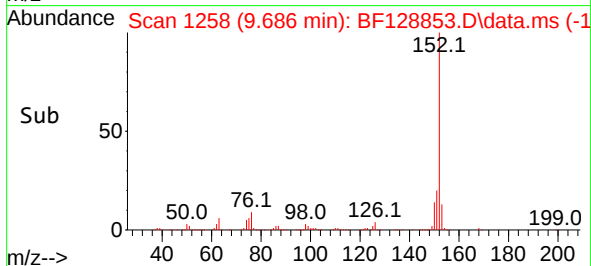
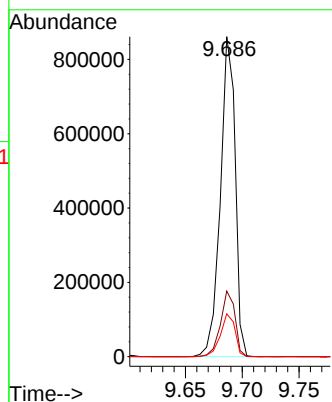
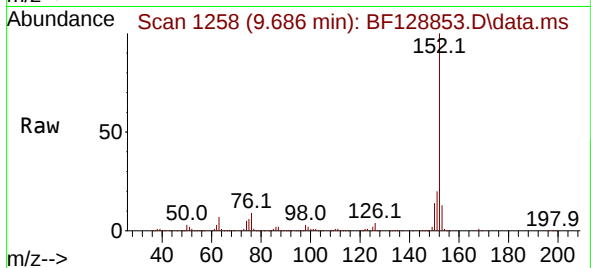
Tgt Ion:152 Resp: 783354

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 47.554 ng

RT: 9.551 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

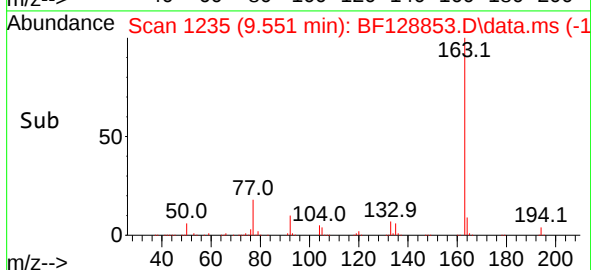
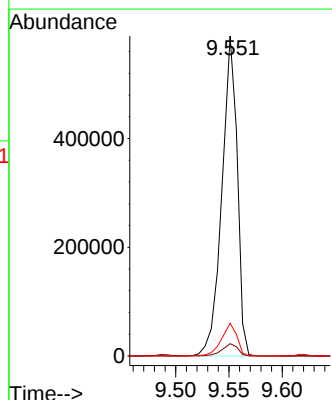
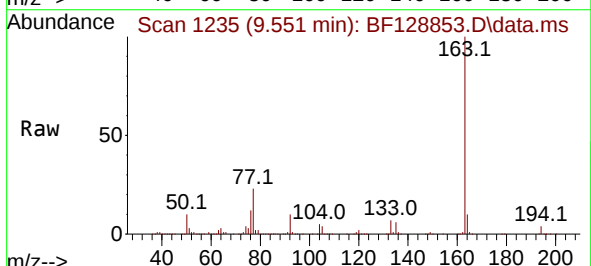
Tgt Ion:163 Resp: 588122

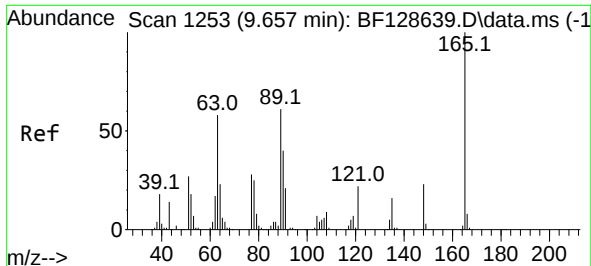
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 51.912 ng

RT: 9.616 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

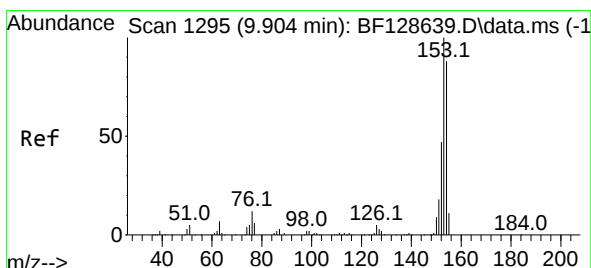
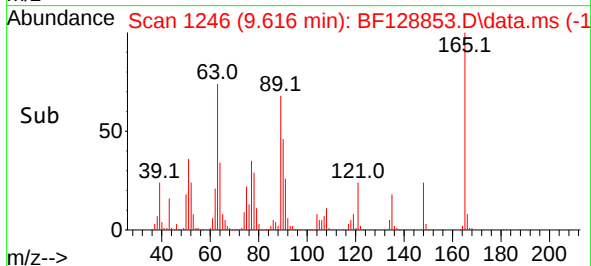
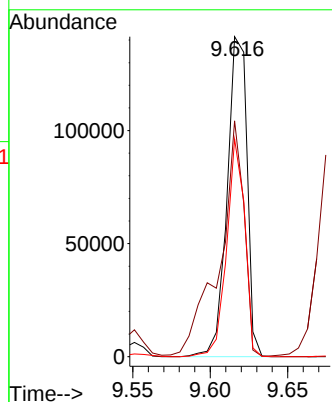
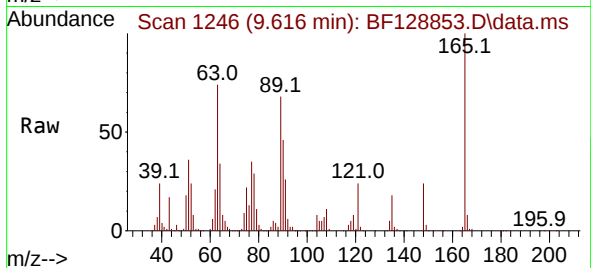
Tgt Ion:165 Resp: 126716

Ion Ratio Lower Upper

165 100

63 73.7 44.9 67.3#

89 68.0 43.6 65.4#



#52

Acenaphthene

Concen: 43.123 ng

RT: 9.857 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

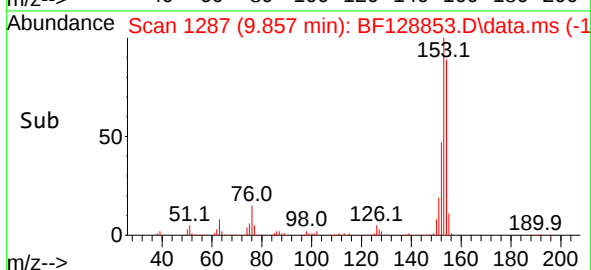
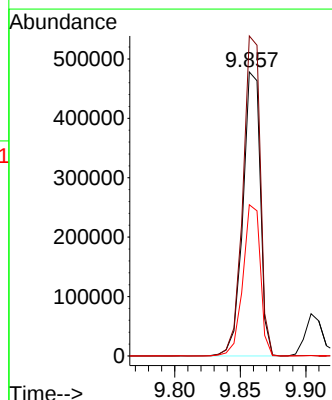
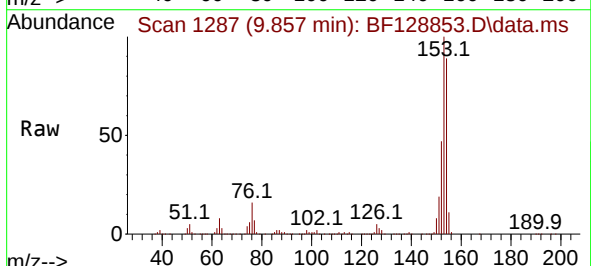
Tgt Ion:154 Resp: 444742

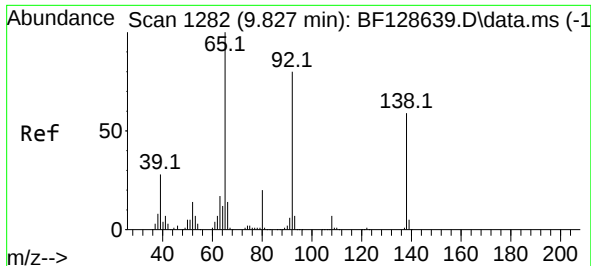
Ion Ratio Lower Upper

154 100

153 112.7 89.6 134.4

152 53.3 42.4 63.6

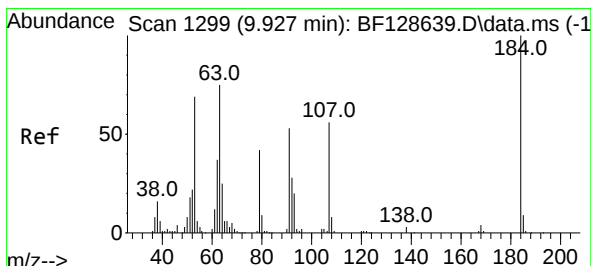
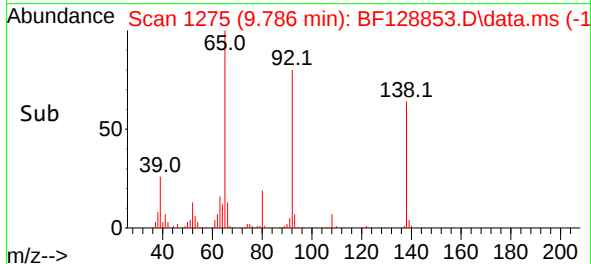
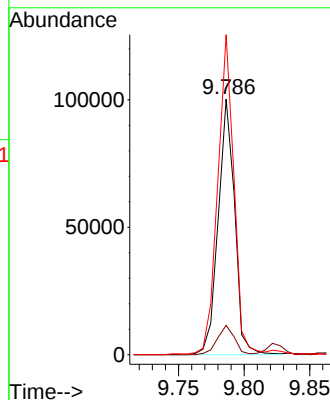
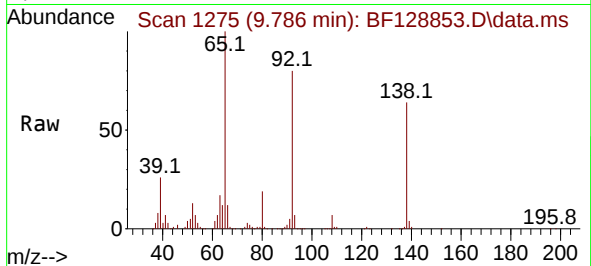




#53
3-Nitroaniline
Concen: 32.997 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

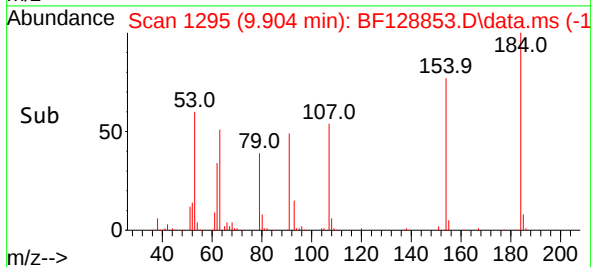
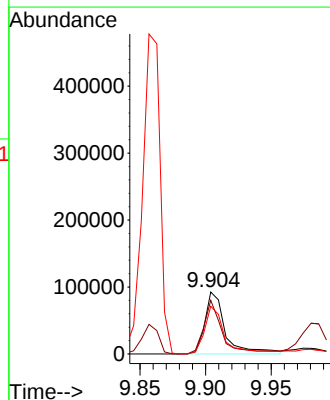
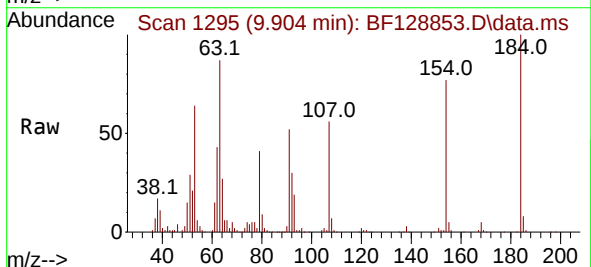
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

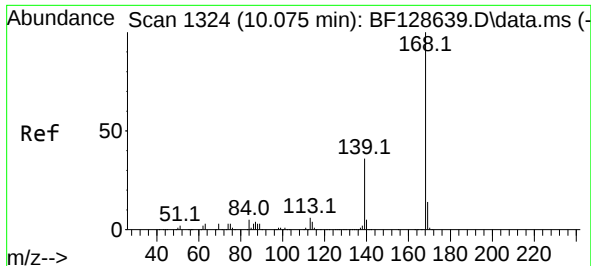
Tgt Ion:138 Resp: 87418
Ion Ratio Lower Upper
138 100
108 11.4 10.9 16.3
92 125.2 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 74.557 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:184 Resp: 101369
Ion Ratio Lower Upper
184 100
63 86.6 64.5 96.7
154 77.0 50.6 75.8#

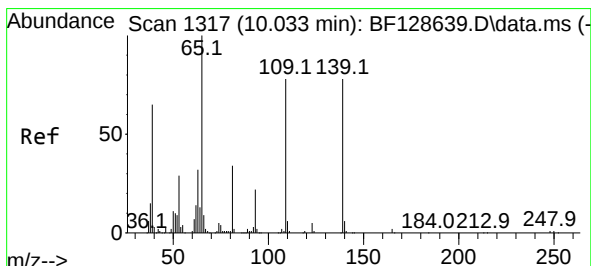
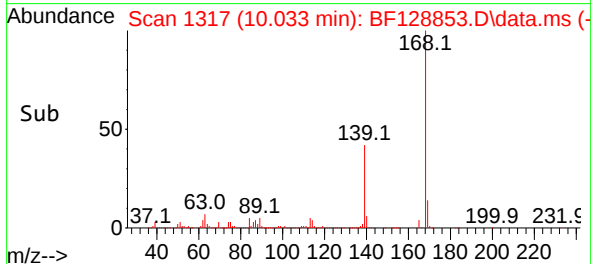
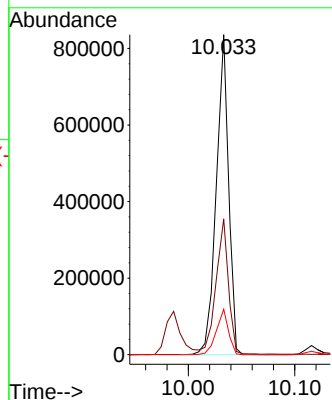
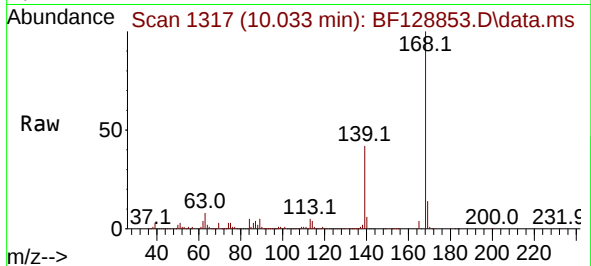




#55
Dibenzenofuran
Concen: 45.187 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

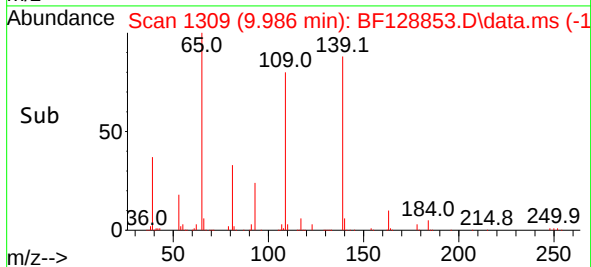
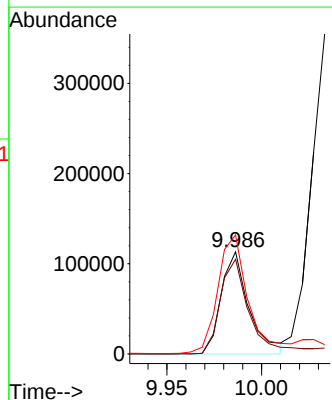
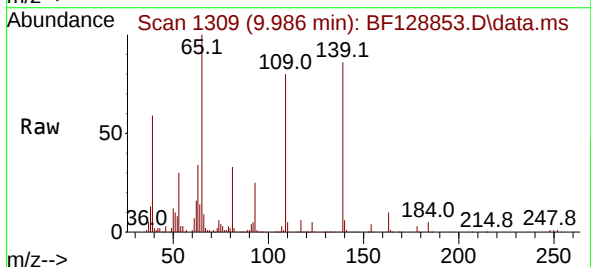
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

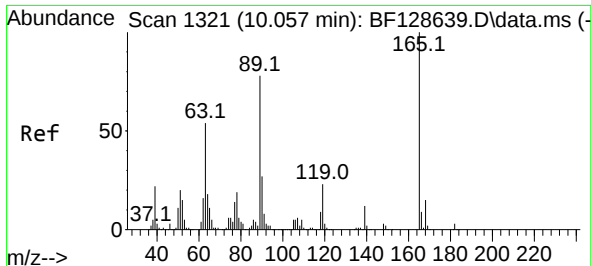
Tgt Ion:168 Resp: 669766
Ion Ratio Lower Upper
168 100
139 42.4 30.6 46.0
169 14.2 11.0 16.6



#56
4-Nitrophenol
Concen: 60.185 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:139 Resp: 115577
Ion Ratio Lower Upper
139 100
109 92.7 50.7 90.7#
65 116.5 74.5 114.5#

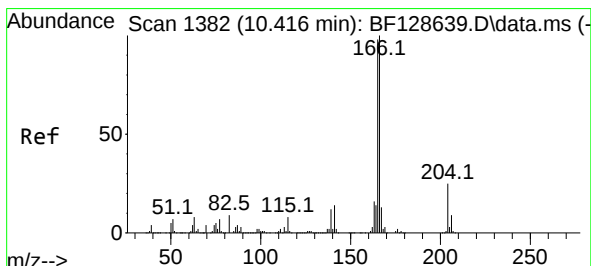
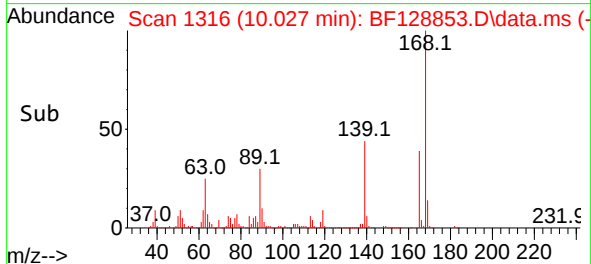
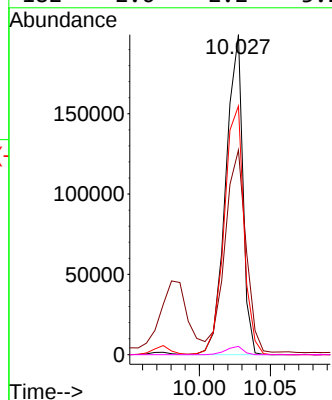
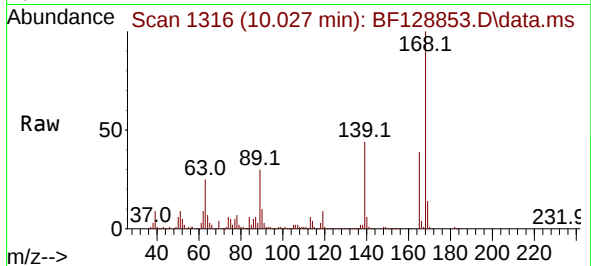




#57
2,4-Dinitrotoluene
Concen: 50.869 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

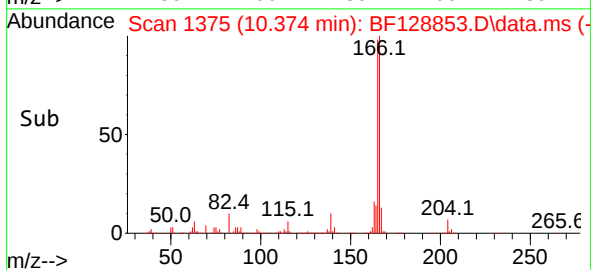
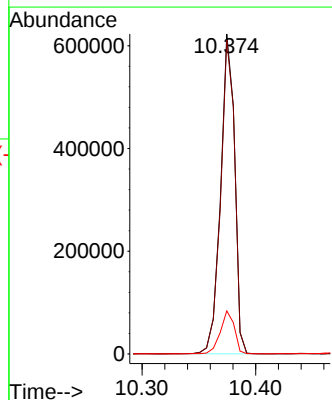
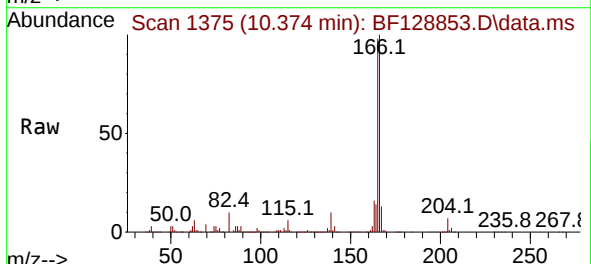
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

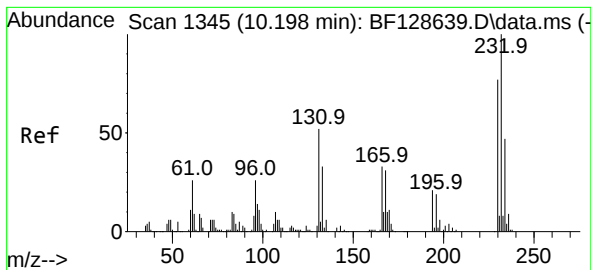
Tgt Ion:165 Resp: 165711
Ion Ratio Lower Upper
165 100
63 64.0 39.8 59.6#
89 77.7 60.2 90.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 46.583 ng
RT: 10.374 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:166 Resp: 535459
Ion Ratio Lower Upper
166 100
165 98.1 78.1 117.1
167 13.5 10.5 15.7

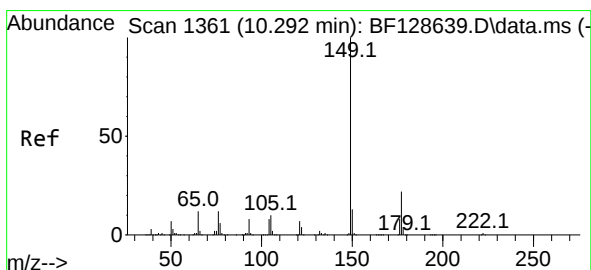
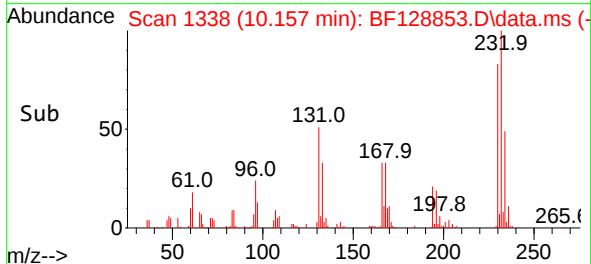
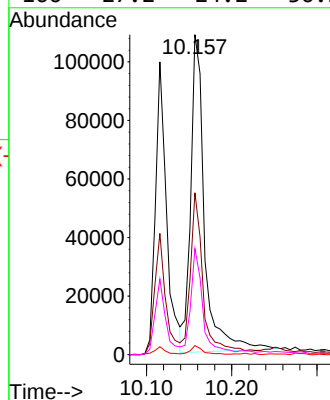
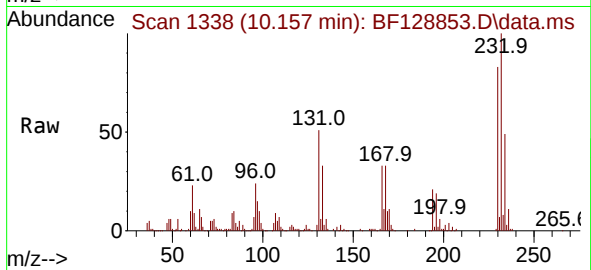




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.592 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

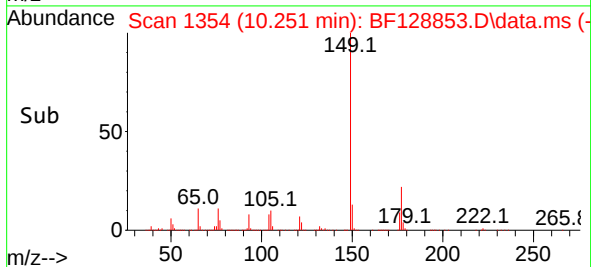
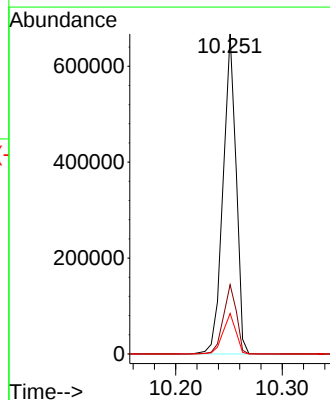
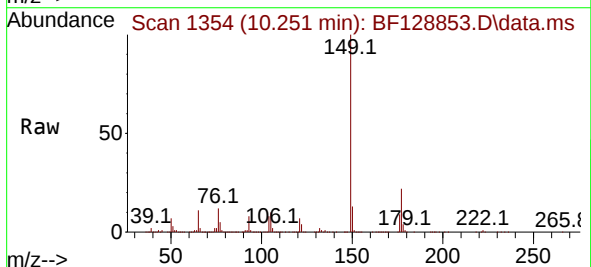
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

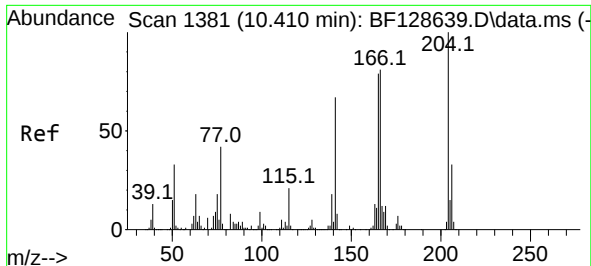
Tgt Ion:232 Resp: 121766
Ion Ratio Lower Upper
232 100
131 46.3 36.1 54.1
130 2.7 1.8 2.8
166 27.2 24.2 36.2



#60
Diethylphthalate
Concen: 45.472 ng
RT: 10.251 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:149 Resp: 565227
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.7 10.2 15.2

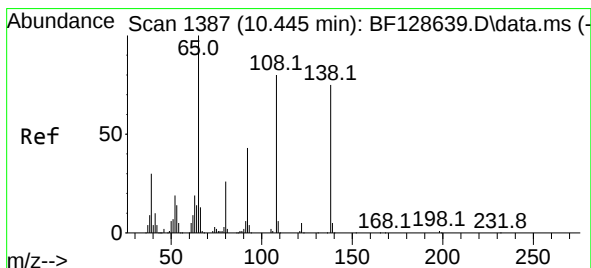
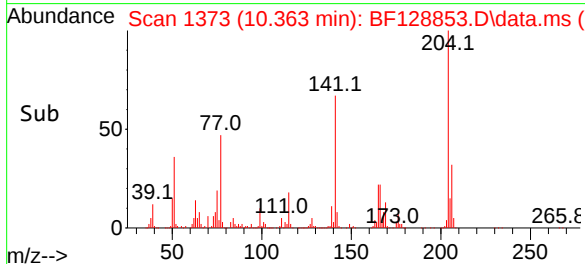
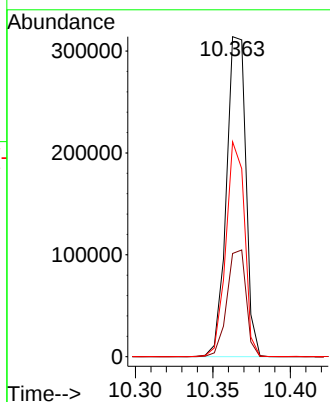
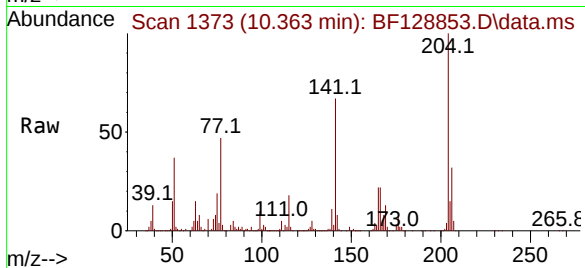




#61
4-Chlorophenyl-phenylether
Concen: 45.961 ng
RT: 10.363 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

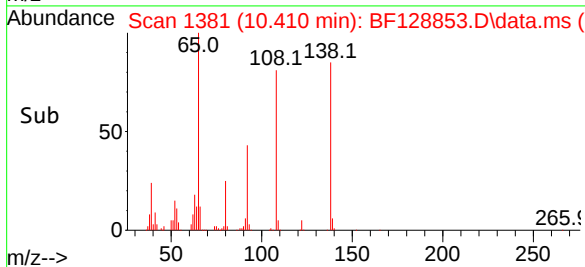
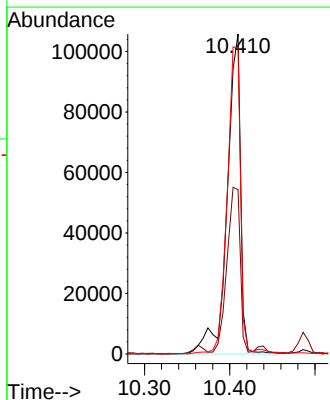
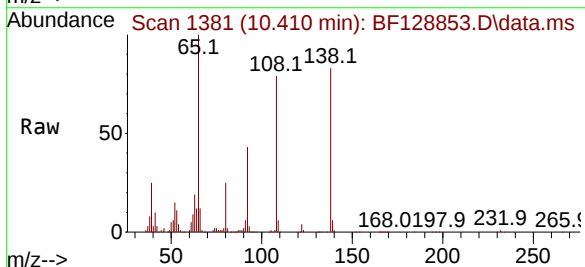
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

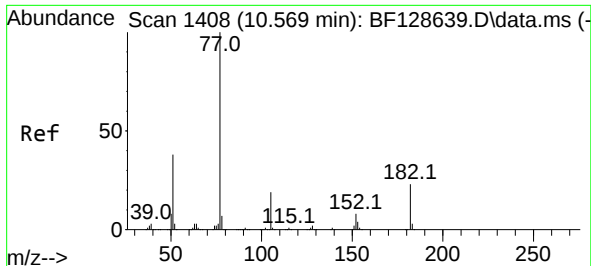
Tgt Ion:204 Resp: 274021
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 67.2 47.0 70.4



#62
4-Nitroaniline
Concen: 43.198 ng
RT: 10.410 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:138 Resp: 115874
Ion Ratio Lower Upper
138 100
92 51.4 33.5 73.5
108 95.7 61.0 101.0

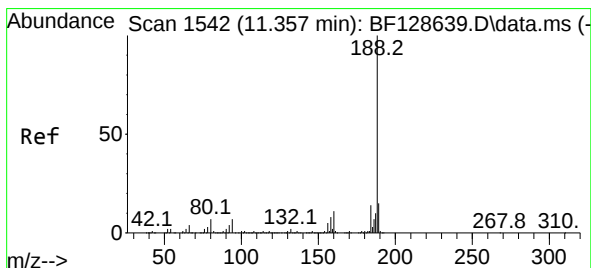
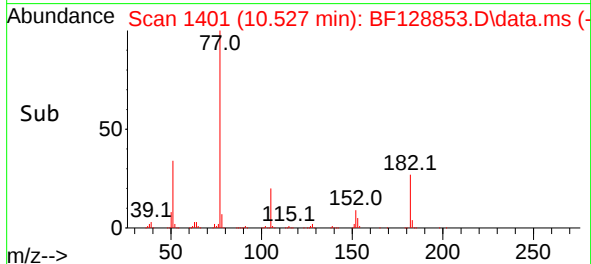
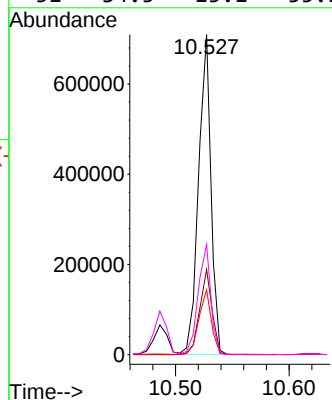
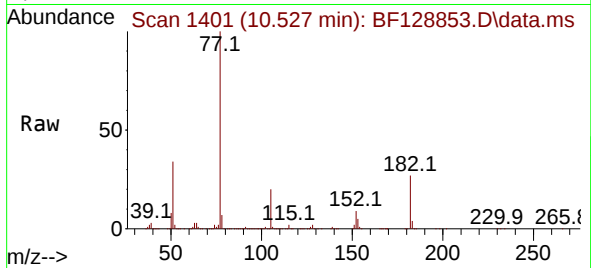




#63
Azobenzene
Concen: 44.266 ng
RT: 10.527 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

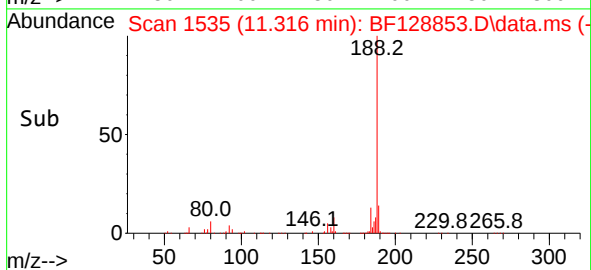
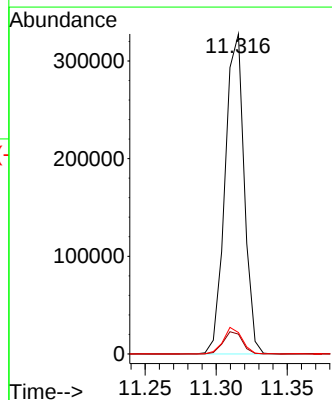
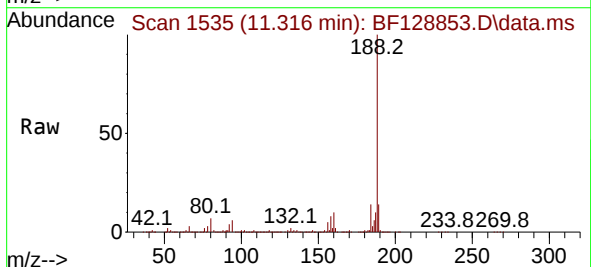
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

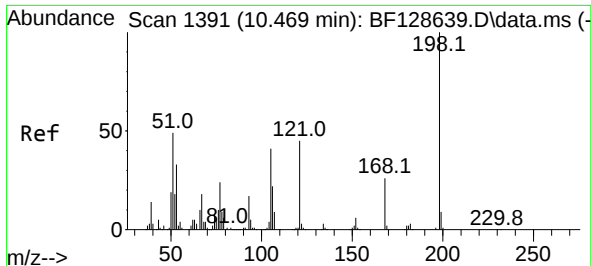
Tgt Ion: 77	Resp: 541682
Ion Ratio	Lower Upper
77 100	
182 26.6	5.6 45.6
105 20.3	1.6 41.6
51 34.5	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion: 188	Resp: 306423
Ion Ratio	Lower Upper
188 100	
94 6.2	7.0 10.6#
80 6.7	7.6 11.4#

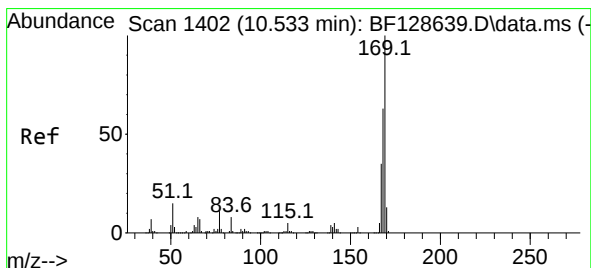
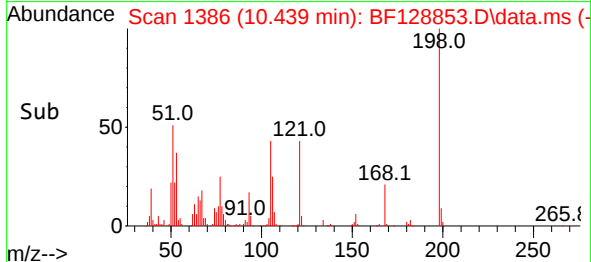
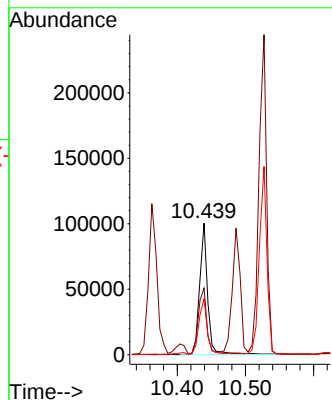
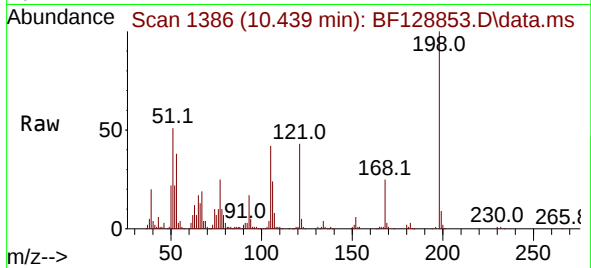




#65
4,6-Dinitro-2-methylphenol
Concen: 45.500 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

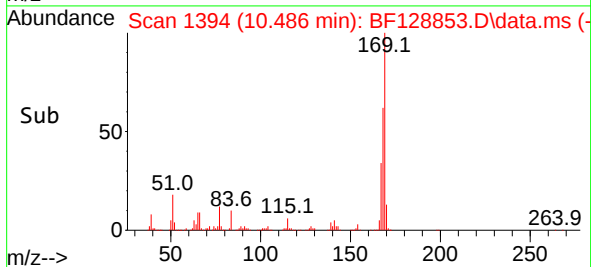
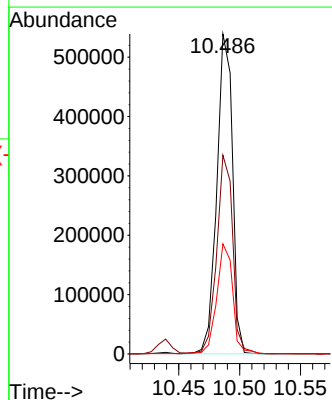
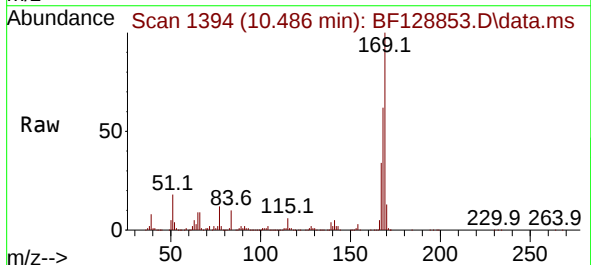
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

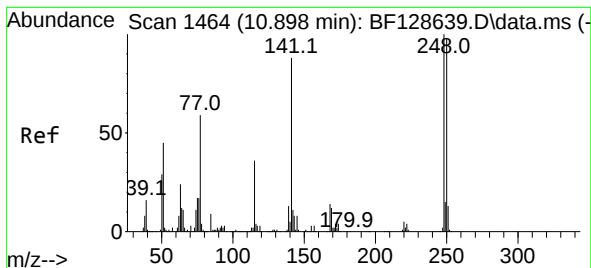
Tgt Ion:198 Resp: 82279
Ion Ratio Lower Upper
198 100
51 50.7 37.6 77.6
105 42.3 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 51.115 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:169 Resp: 481415
Ion Ratio Lower Upper
169 100
168 62.1 50.1 75.1
167 34.4 27.9 41.9

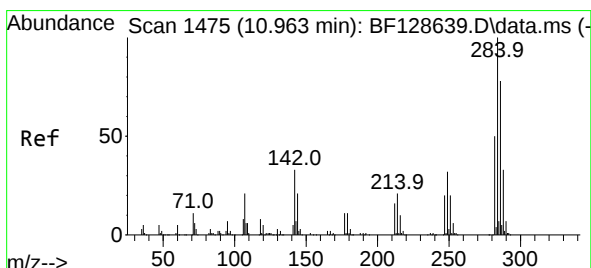
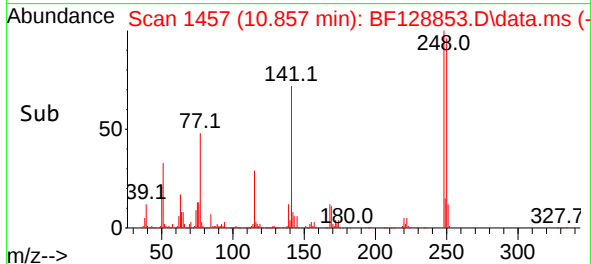
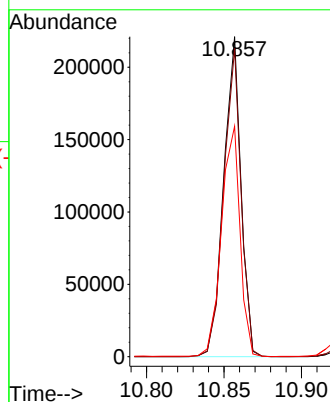
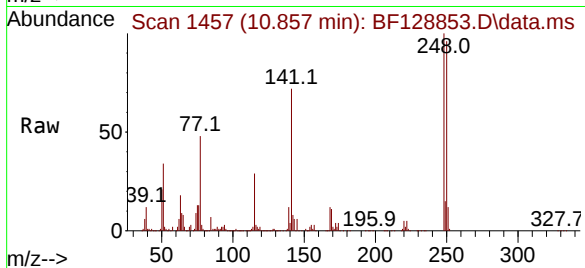




#67
4-Bromophenyl-phenylether
Concen: 50.425 ng
RT: 10.857 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

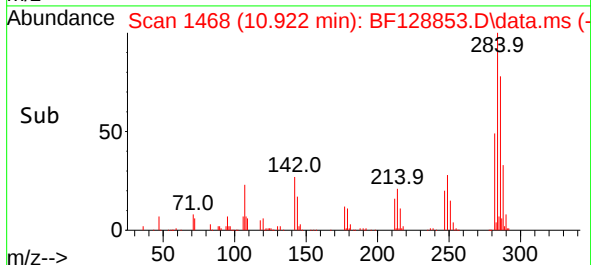
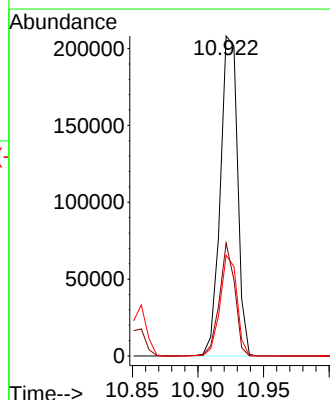
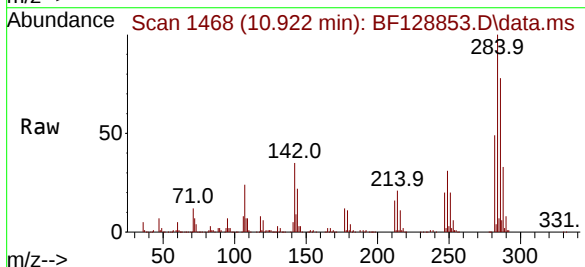
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

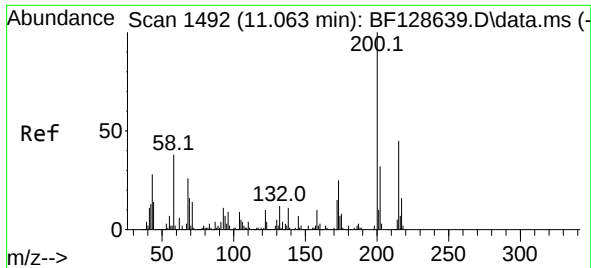
Tgt Ion:248 Resp: 172310
Ion Ratio Lower Upper
248 100
250 96.3 80.6 120.8
141 72.0 58.9 88.3



#68
Hexachlorobenzene
Concen: 50.119 ng
RT: 10.922 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:284 Resp: 190200
Ion Ratio Lower Upper
284 100
142 35.3 29.0 43.4
249 31.4 25.0 37.6

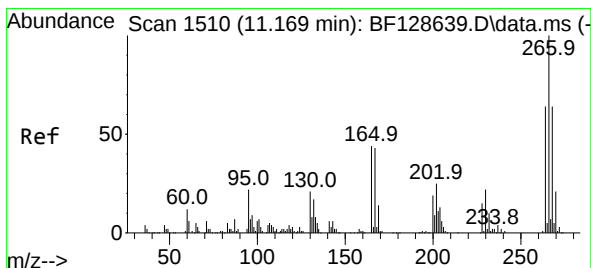
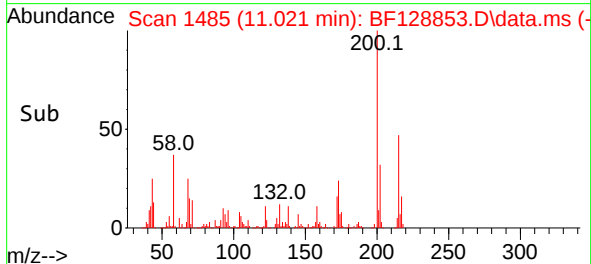
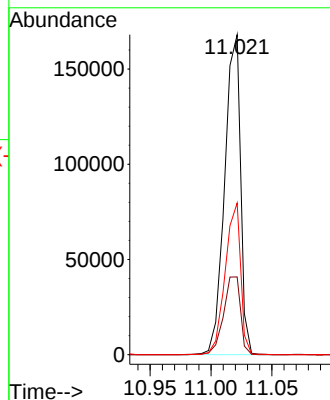
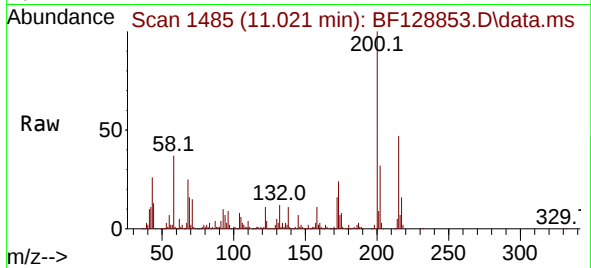




#69
 Atrazine
 Concen: 50.570 ng
 RT: 11.021 min Scan# 1492
 Delta R.T. -0.000 min
 Lab File: BF128853.D
 Acq: 17 Jun 2022 14:39

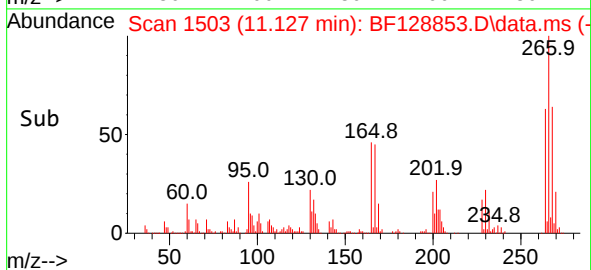
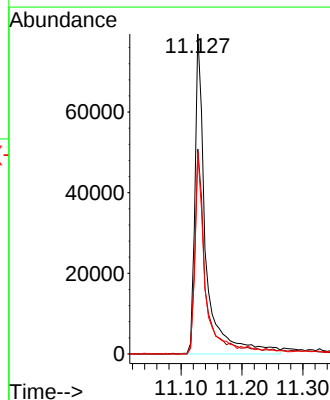
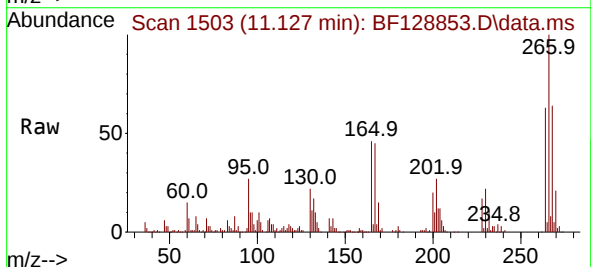
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211MS

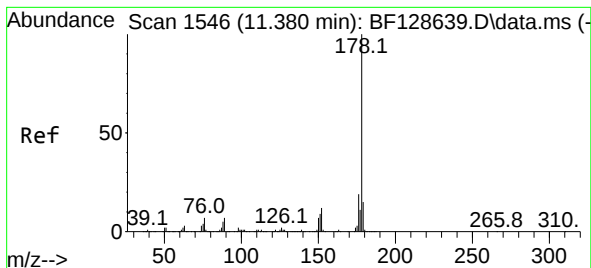
Tgt Ion:200 Resp: 153164
 Ion Ratio Lower Upper
 200 100
 173 24.3 6.3 46.3
 215 47.4 28.3 68.3



#70
 Pentachlorophenol
 Concen: 51.796 ng
 RT: 11.127 min Scan# 1503
 Delta R.T. -0.000 min
 Lab File: BF128853.D
 Acq: 17 Jun 2022 14:39

Tgt Ion:266 Resp: 98122
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.0 76.4
 264 62.9 49.4 74.2





#71

Phenanthrene

Concen: 50.386 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

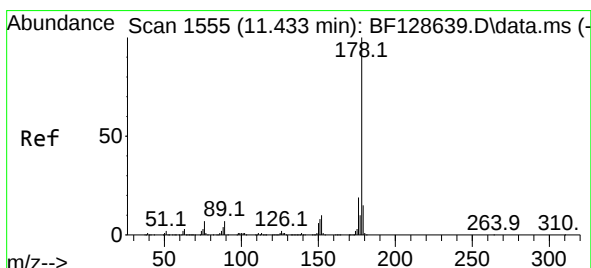
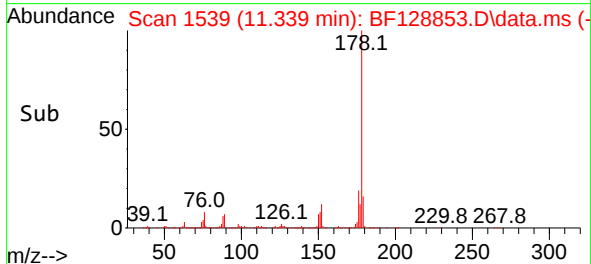
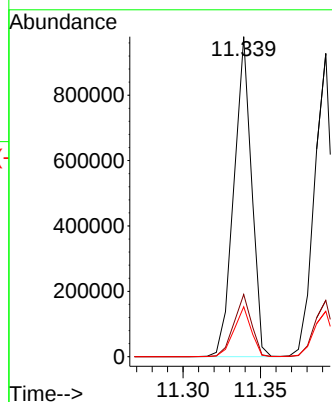
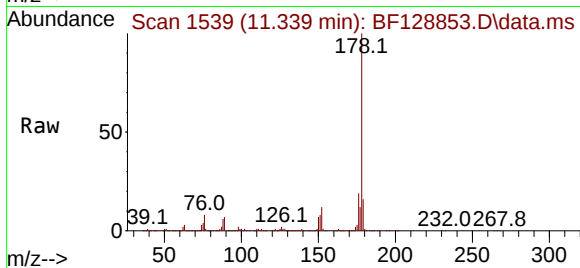
Tgt Ion:178 Resp: 774406

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

179 15.6 12.6 19.0



#72

Anthracene

Concen: 49.079 ng

RT: 11.392 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

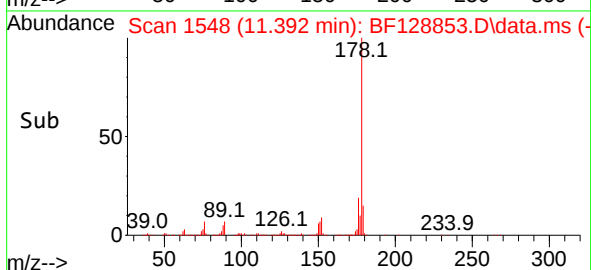
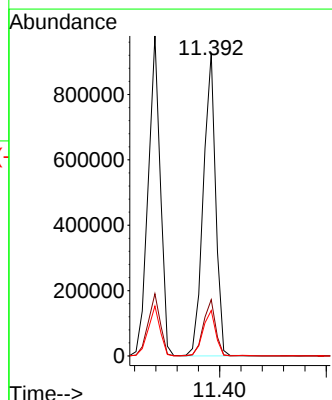
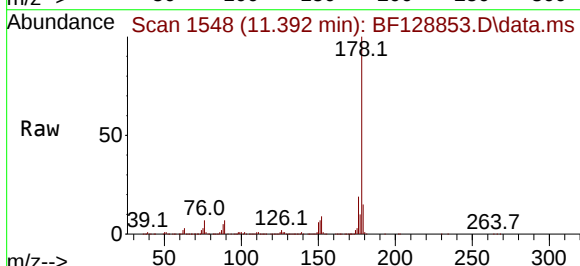
Tgt Ion:178 Resp: 746613

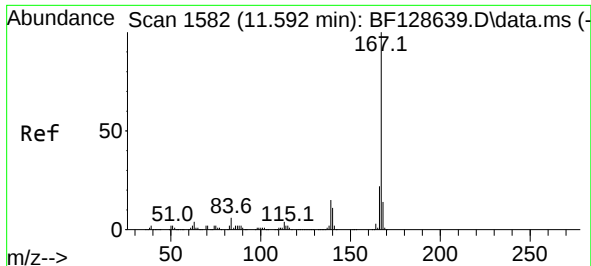
Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 15.0 12.6 19.0

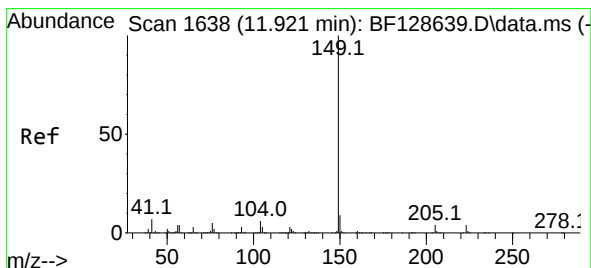
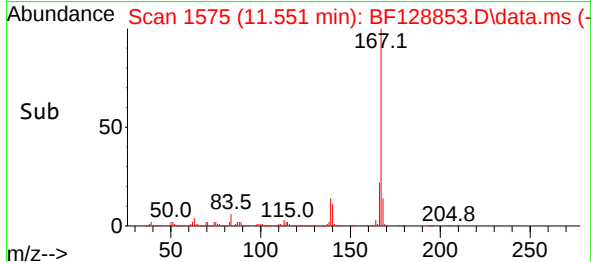
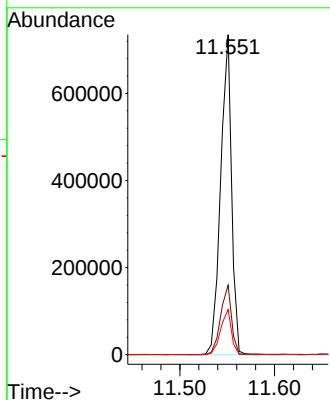
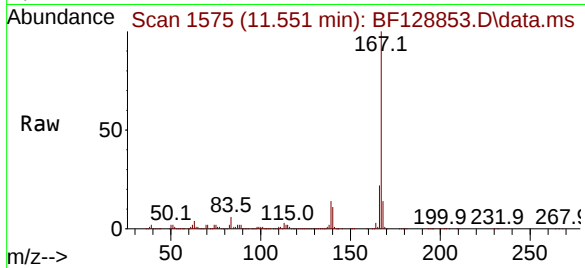




#73
Carbazole
Concen: 41.782 ng
RT: 11.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

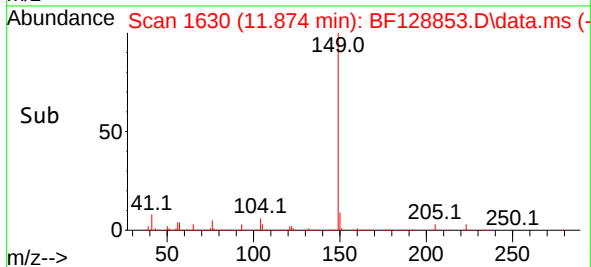
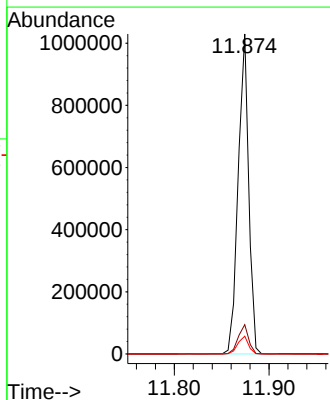
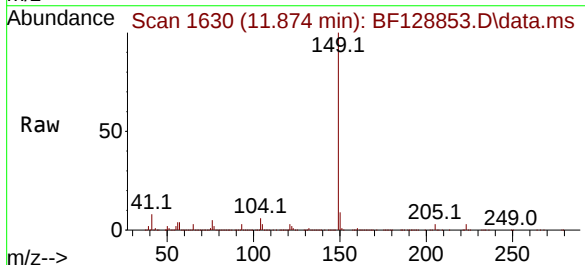
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

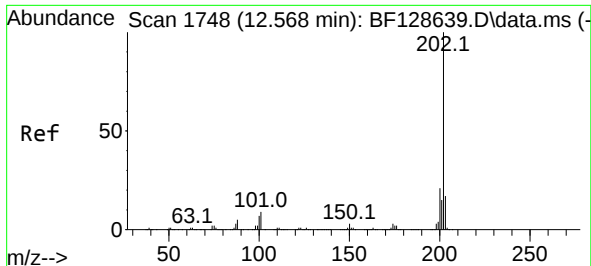
Tgt Ion:167 Resp: 590347
Ion Ratio Lower Upper
167 100
166 21.7 17.7 26.5
139 14.1 11.2 16.8



#74
Di-n-butylphthalate
Concen: 45.889 ng
RT: 11.874 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:149 Resp: 789444
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.5 4.4 6.6

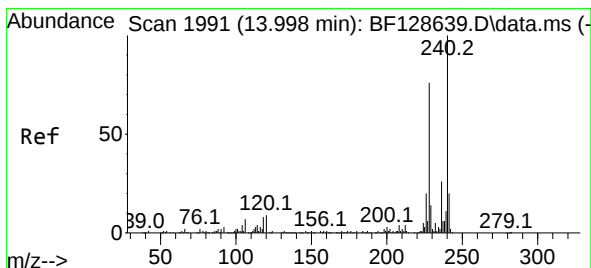
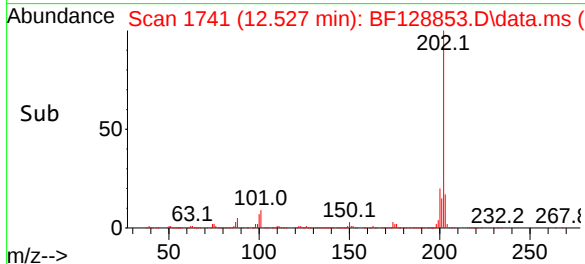
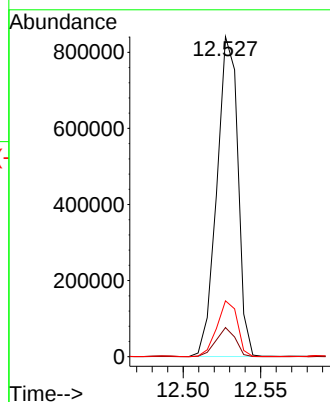
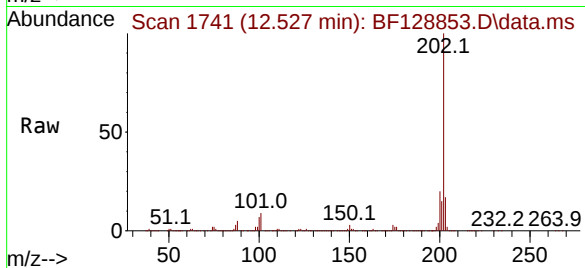




#75
Fluoranthene
Concen: 49.377 ng
RT: 12.527 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

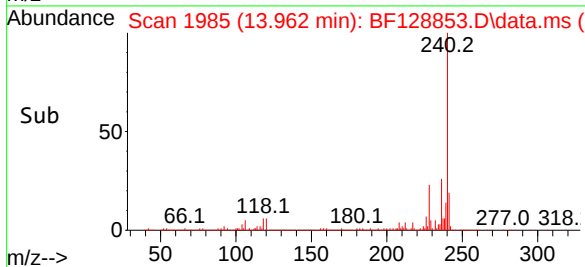
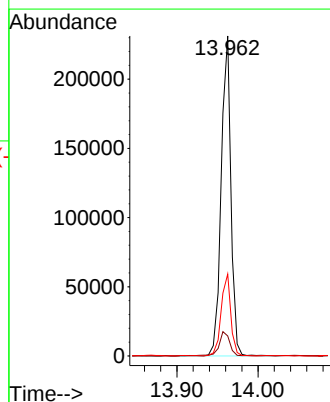
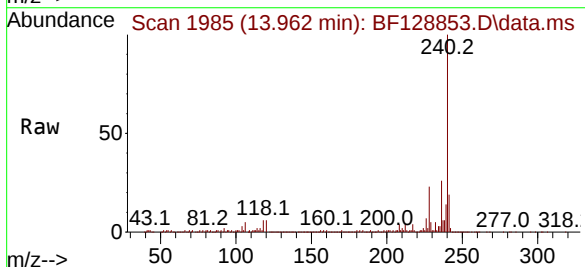
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

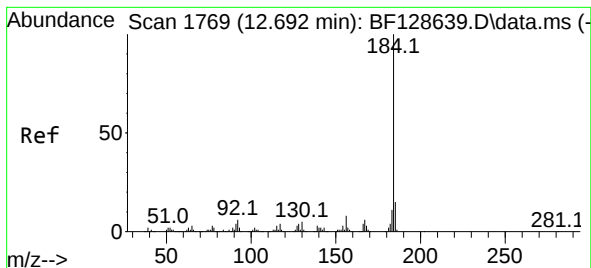
Tgt Ion:202 Resp: 793281
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.4
203 17.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:240 Resp: 192609
Ion Ratio Lower Upper
240 100
120 6.2 8.9 13.3#
236 25.6 20.8 31.2





#77

Benzidine

Concen: 58.874 ng

RT: 12.651 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

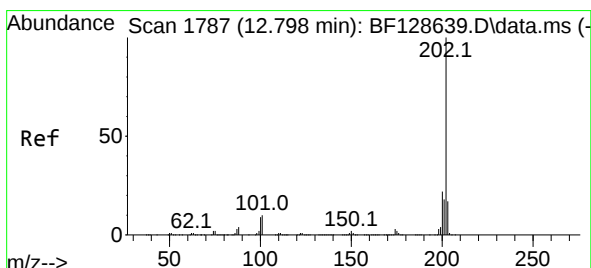
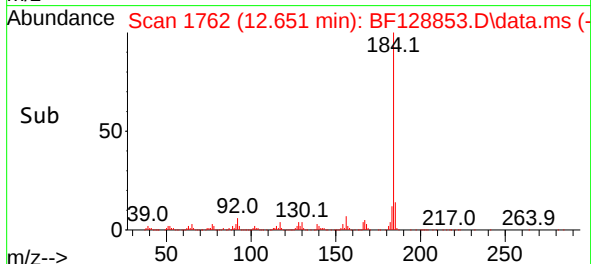
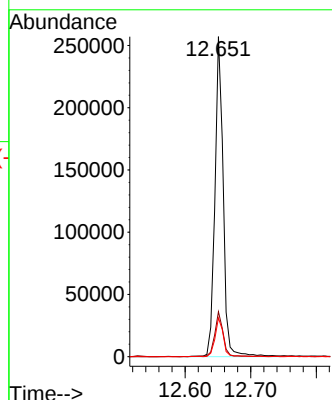
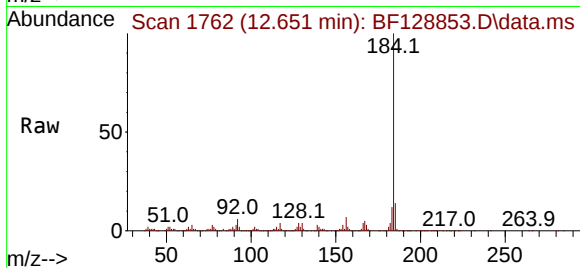
Tgt Ion:184 Resp: 226049

Ion Ratio Lower Upper

184 100

185 14.1 11.9 17.9

183 12.1 9.3 13.9



#78

Pyrene

Concen: 53.226 ng

RT: 12.757 min Scan# 1780

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

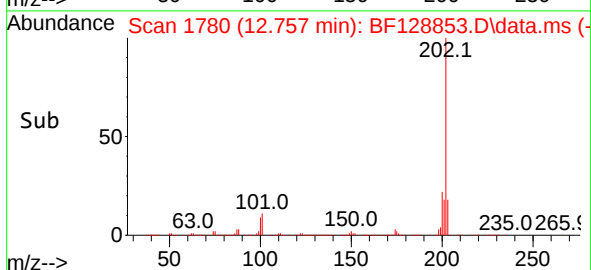
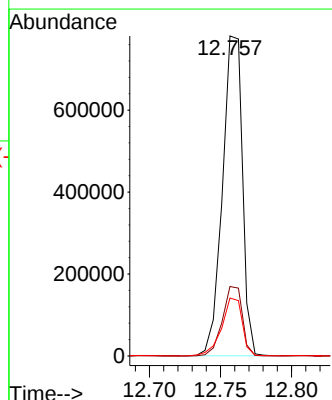
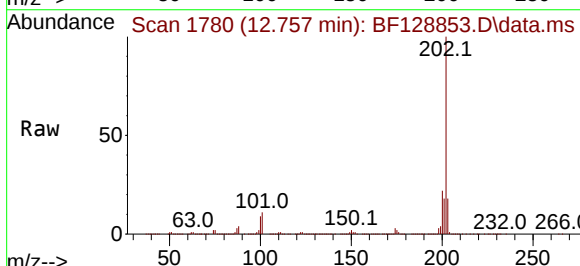
Tgt Ion:202 Resp: 762726

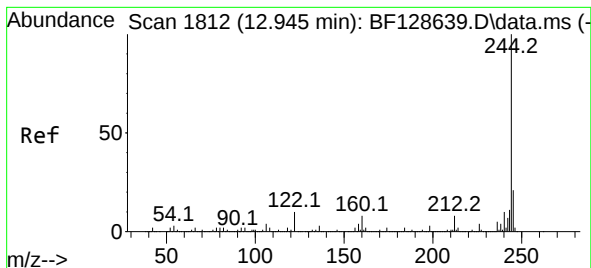
Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 82.213 ng

RT: 12.898 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

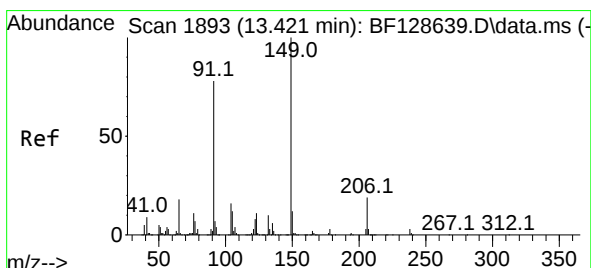
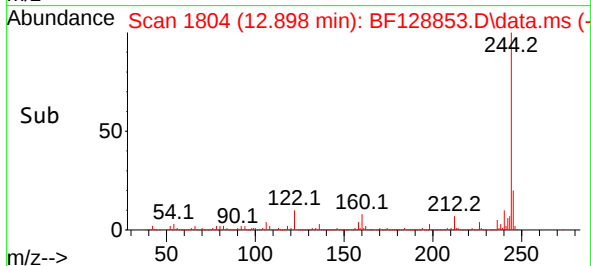
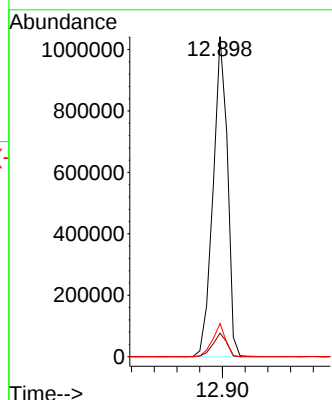
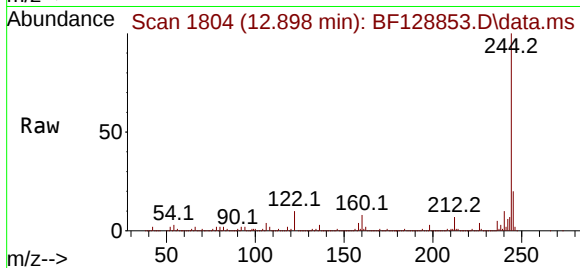
Tgt Ion:244 Resp: 911292

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 10.4 8.8 13.2



#80

Butylbenzylphthalate

Concen: 42.972 ng

RT: 13.374 min Scan# 1885

Delta R.T. -0.006 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

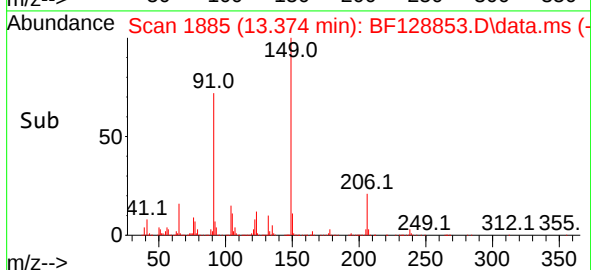
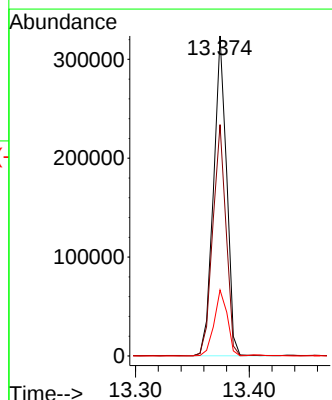
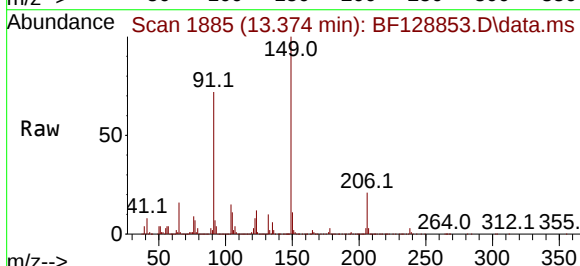
Tgt Ion:149 Resp: 258597

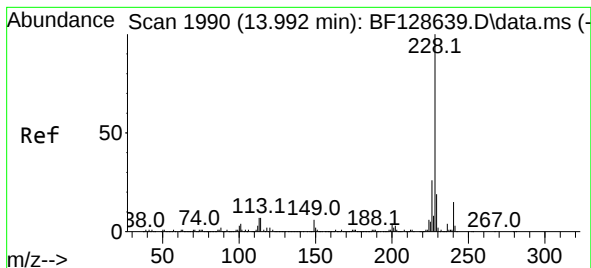
Ion Ratio Lower Upper

149 100

91 72.3 61.2 91.8

206 20.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 54.012 ng

RT: 13.951 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

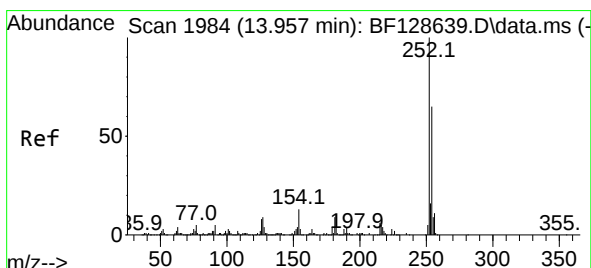
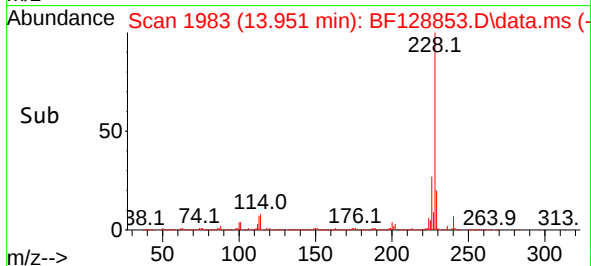
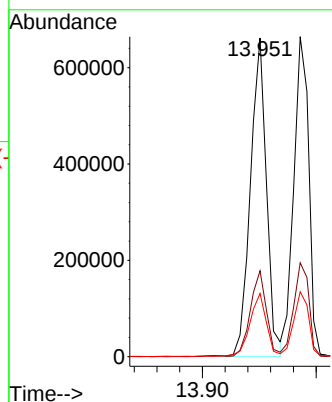
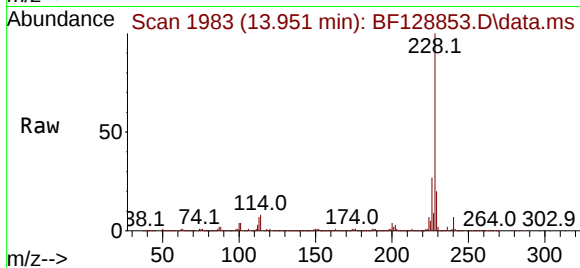
Tgt Ion:228 Resp: 648469

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 38.557 ng

RT: 13.910 min Scan# 1976

Delta R.T. -0.006 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

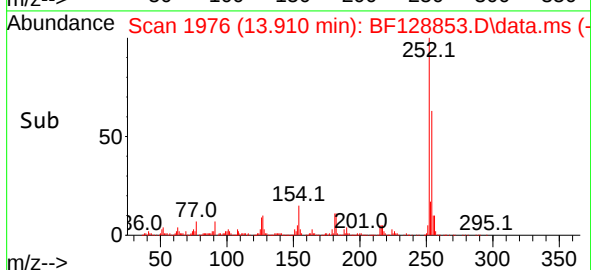
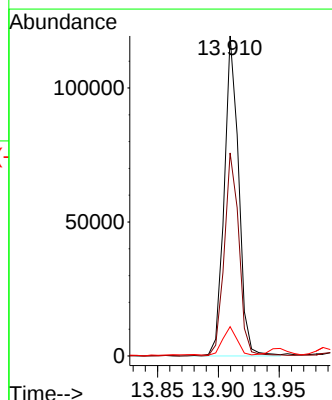
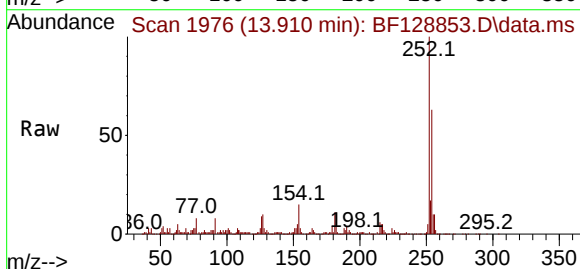
Tgt Ion:252 Resp: 99036

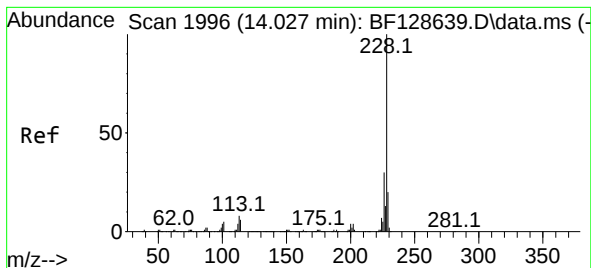
Ion Ratio Lower Upper

252 100

254 63.4 50.2 75.4

126 9.2 8.2 12.4





#83

Chrysene

Concen: 53.119 ng

RT: 13.986 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

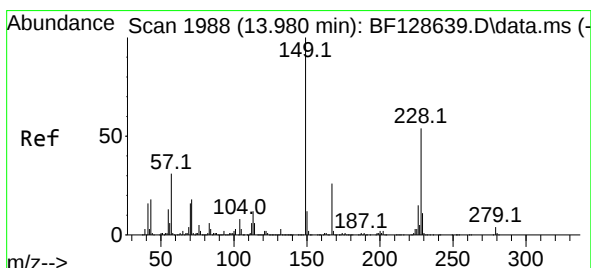
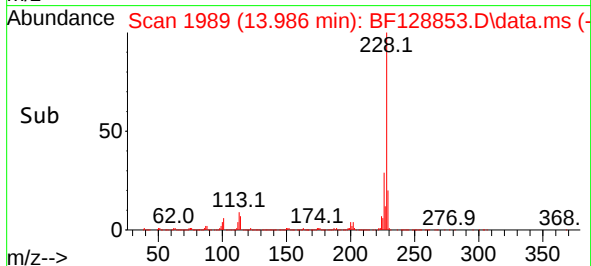
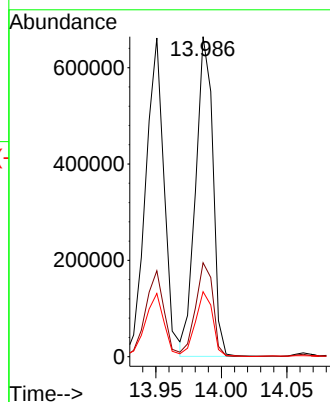
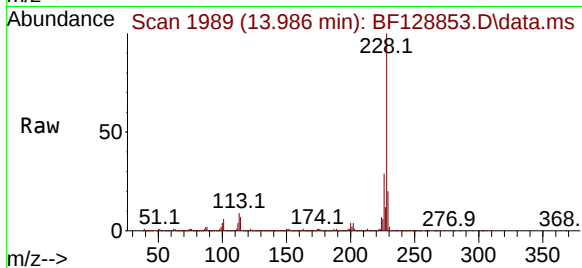
Tgt Ion:228 Resp: 608013

Ion Ratio Lower Upper

228 100

226 29.4 24.3 36.5

229 20.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.408 ng

RT: 13.933 min Scan# 1980

Delta R.T. -0.006 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

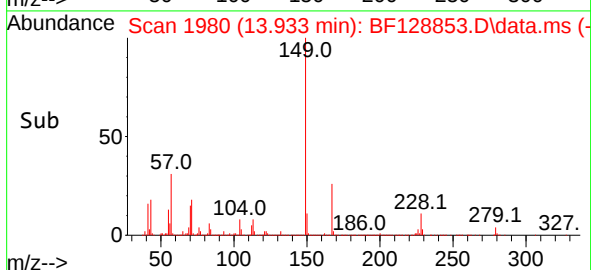
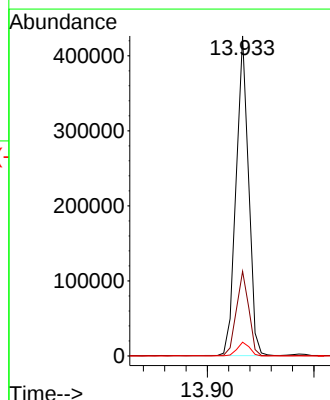
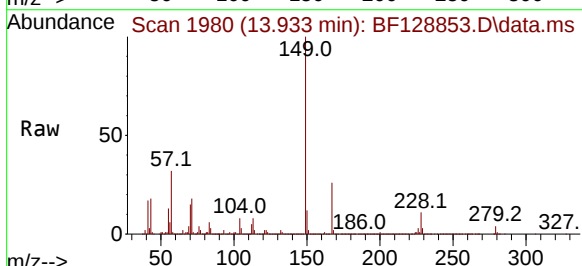
Tgt Ion:149 Resp: 347426

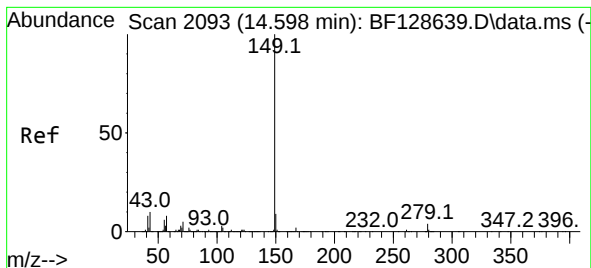
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 51.219 ng

RT: 14.551 min Scan# 2093

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

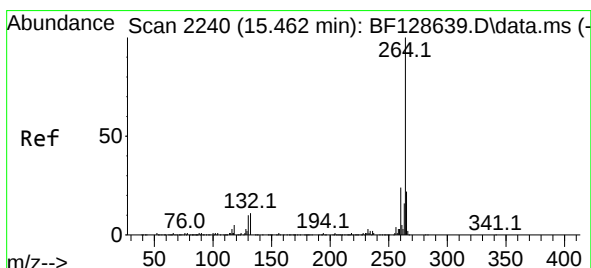
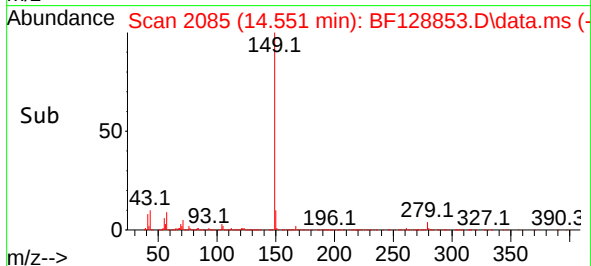
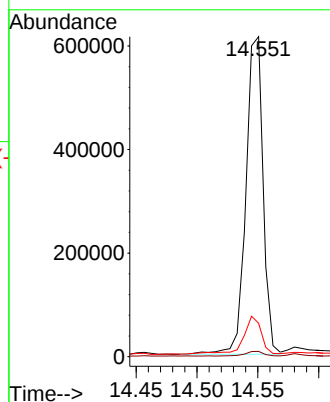
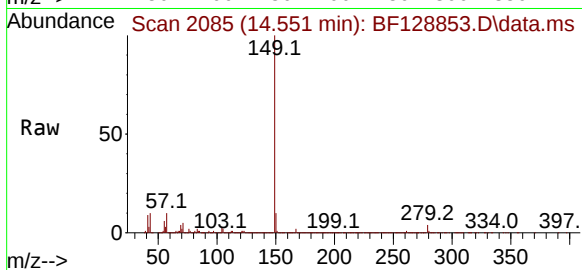
Tgt Ion:149 Resp: 603527

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 12.7 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2232

Delta R.T. -0.000 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

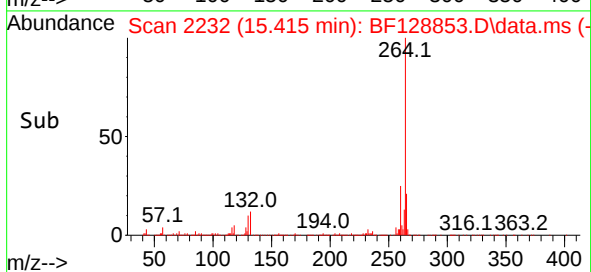
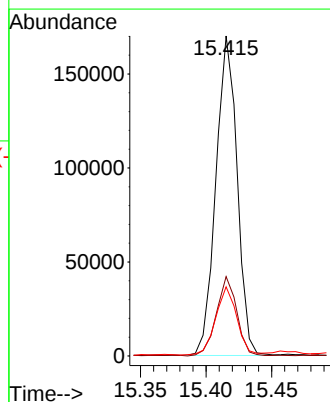
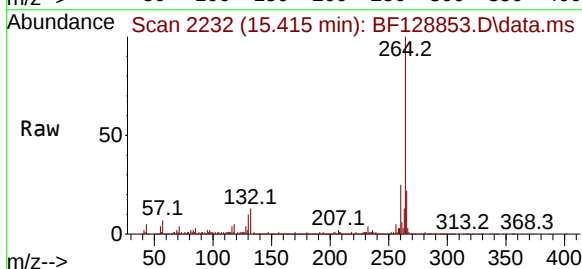
Tgt Ion:264 Resp: 191262

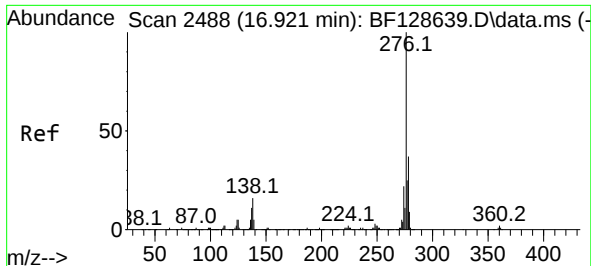
Ion Ratio Lower Upper

264 100

260 24.8 18.4 27.6

265 21.6 17.2 25.8

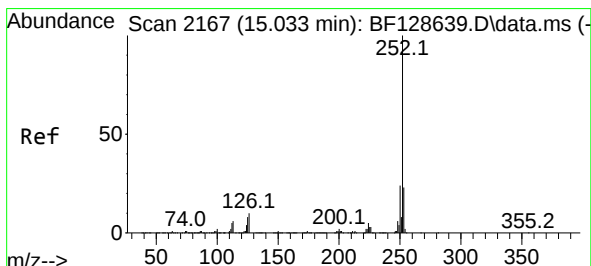
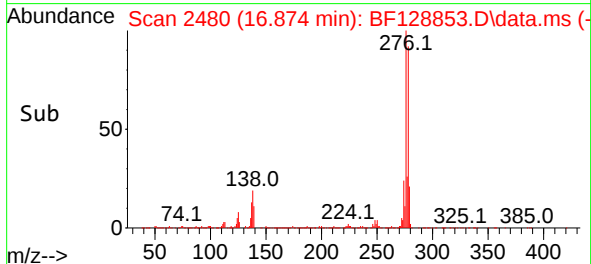
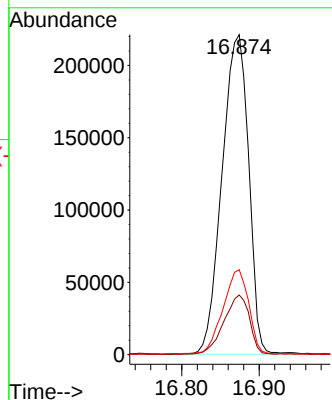
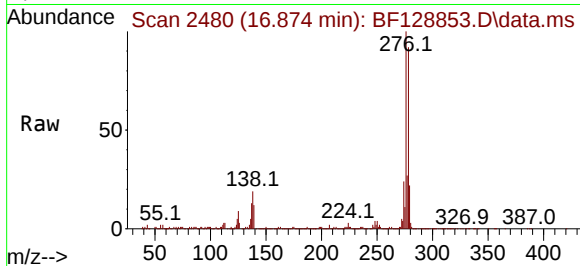




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.730 ng
RT: 16.874 min Scan# 2488
Delta R.T. 0.012 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

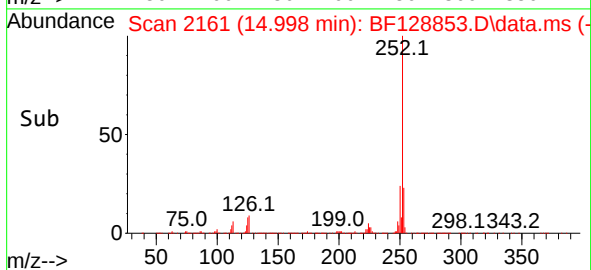
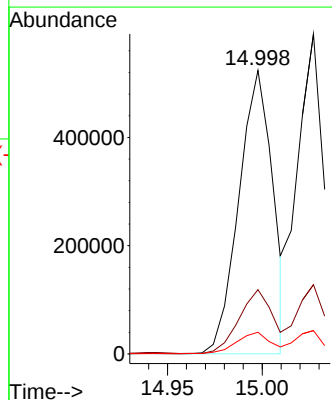
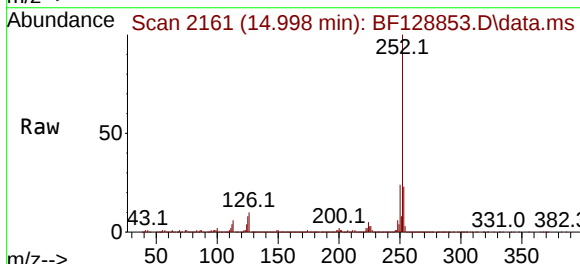
Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

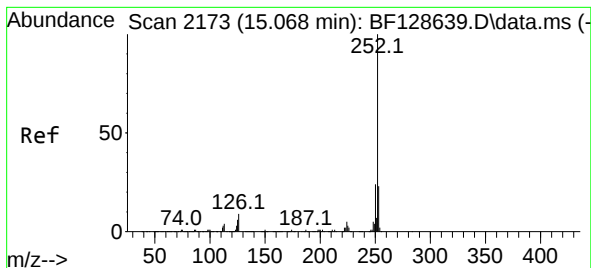
Tgt Ion:276 Resp: 527173
Ion Ratio Lower Upper
276 100
138 17.8 21.1 31.7#
277 25.6 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 53.485 ng
RT: 14.998 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:252 Resp: 653666
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 7.7 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 4.388 ng

RT: 15.292 min Scan# 2173

Delta R.T. 0.265 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

Instrument :

BNA_F

ClientSampleId :

VNJ-211MS

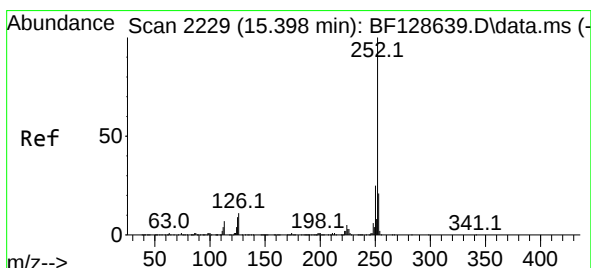
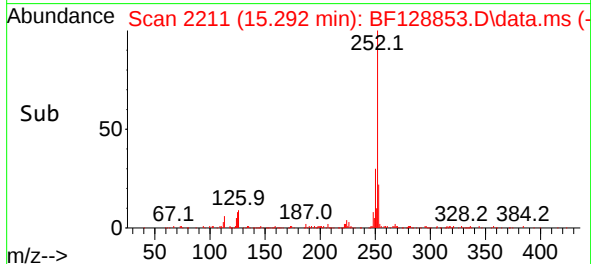
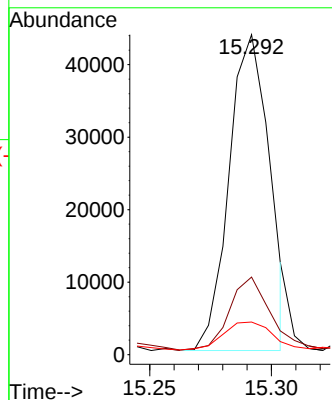
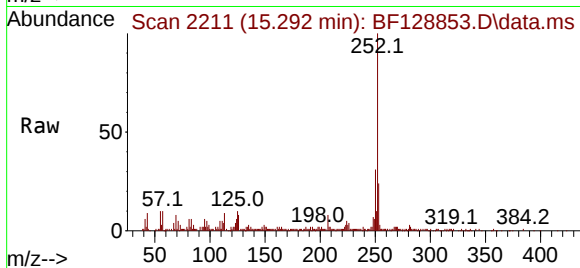
Tgt Ion:252 Resp: 50452

Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.6

125 10.2 8.3 12.5



#90

Benzo(a)pyrene

Concen: 5.347 ng

RT: 15.292 min Scan# 2211

Delta R.T. -0.065 min

Lab File: BF128853.D

Acq: 17 Jun 2022 14:39

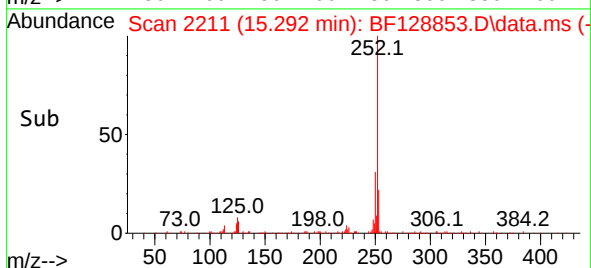
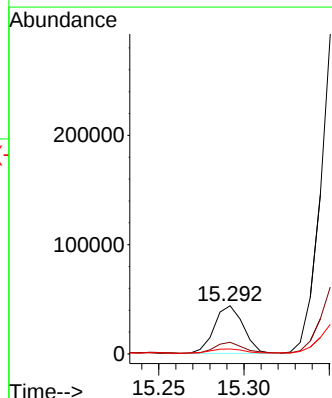
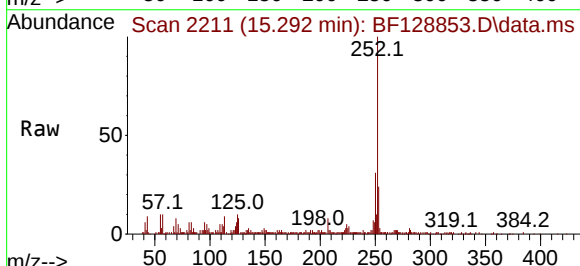
Tgt Ion:252 Resp: 51364

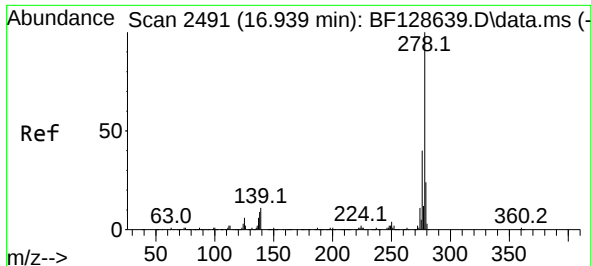
Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.6

125 10.2 8.8 13.2

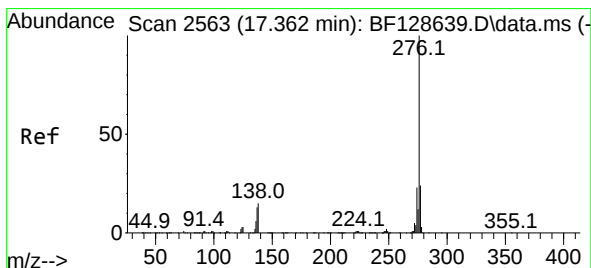
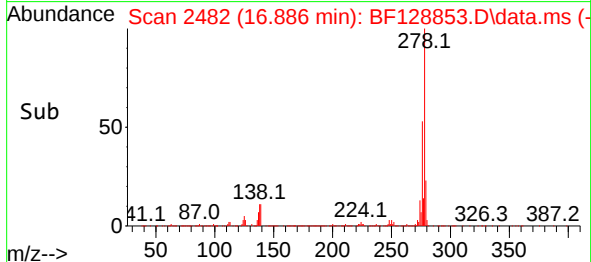
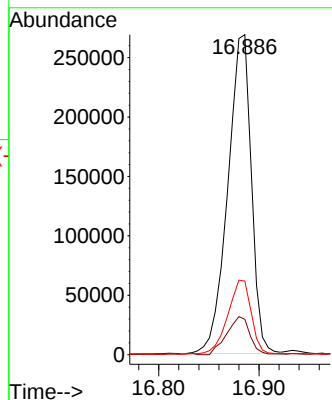
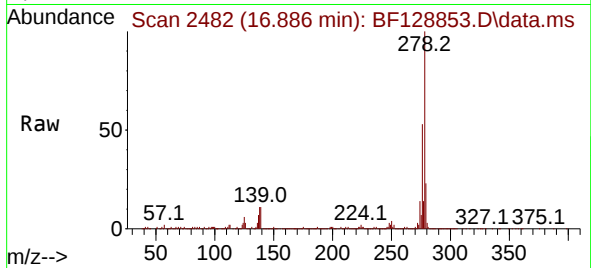




#91
Dibenzo(a,h)anthracene
Concen: 45.785 ng
RT: 16.886 min Scan# 2491
Delta R.T. 0.012 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Instrument :
BNA_F
ClientSampleId :
VNJ-211MS

Tgt Ion:278 Resp: 437798
Ion Ratio Lower Upper
278 100
139 11.0 12.8 19.2#
279 23.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 45.127 ng
RT: 17.309 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BF128853.D
Acq: 17 Jun 2022 14:39

Tgt Ion:276 Resp: 427668
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 15.1 18.0 27.0#

