

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128854.D
 Acq On : 17 Jun 2022 15:09
 Operator : CG\JU
 Sample : N3371-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211MSD

Quant Time: Jun 18 05:06:22 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	95041	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	315076	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	172436	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	282863	20.000	ng	0.00
76) Chrysene-d12	13.963	240	193373	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	175934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	661331	110.835	ng	0.01
7) Phenol-d6	6.445	99	849928	116.692	ng	0.00
23) Nitrobenzene-d5	7.351	82	602240	88.993	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	216461	106.243	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1020427	82.895	ng	0.00
79) Terphenyl-d14	12.898	244	853682	76.711	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	83590	37.736	ng	96
3) Pyridine	3.287	79	223031	37.902	ng	94
4) n-Nitrosodimethylamine	3.246	42	162065	39.715	ng	# 80
6) Aniline	6.445	93	266032	33.867	ng	# 59
8) 2-Chlorophenol	6.575	128	291858	47.803	ng	95
9) Benzaldehyde	6.334	77	161757	36.454	ng	95
10) Phenol	6.457	94	349856	45.441	ng	86
11) bis(2-Chloroethyl)ether	6.522	93	262115	46.460	ng	98
12) 1,3-Dichlorobenzene	6.722	146	315958	44.764	ng	98
13) 1,4-Dichlorobenzene	6.798	146	322572	45.251	ng	99
14) 1,2-Dichlorobenzene	6.951	146	308486	46.262	ng	99
15) Benzyl Alcohol	6.934	79	270458	44.381	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.057	45	406611	43.744	ng	# 1
17) 2-Methylphenol	7.057	107	235154	48.732	ng	# 85
18) Hexachloroethane	7.292	117	125029	47.143	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	219676	48.509	ng	98
20) 3+4-Methylphenols	7.210	107	306674	47.604	ng	# 83
22) Acetophenone	7.198	105	429617	52.134	ng	98
24) Nitrobenzene	7.369	77	329118	52.974	ng	95
25) Isophorone	7.610	82	507690	49.396	ng	97
26) 2-Nitrophenol	7.687	139	134590	49.168	ng	# 88
27) 2,4-Dimethylphenol	7.734	122	229739	55.096	ng	93
28) bis(2-Chloroethoxy)met...	7.816	93	297210	45.743	ng	99
29) 2,4-Dichlorophenol	7.939	162	219365	45.454	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	239100	44.000	ng	98
31) Naphthalene	8.092	128	744591	46.048	ng	99
32) Benzoic acid	7.892	122	91777	31.023	ng	94
33) 4-Chloroaniline	8.139	127	96878	15.891	ng	96
34) Hexachlorobutadiene	8.204	225	168510	43.725	ng	98
35) Caprolactam	8.528	113	42485	31.835	ng	95
36) 4-Chloro-3-methylphenol	8.651	107	243430	46.219	ng	100
37) 2-Methylnaphthalene	8.781	142	478047	46.480	ng	98
38) 1-Methylnaphthalene	8.881	142	455794	45.869	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	256413	47.880	ng	99
41) Hexachlorocyclopentadiene	8.934	237	164665	51.152	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	151877	41.937	ng	99

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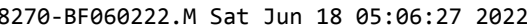
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Quant Time: Jun 18 05:06:22 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	161703	43.206	ng	94
46) 1,1'-Biphenyl	9.245	154	607460	46.951	ng	98
47) 2-Chloronaphthalene	9.275	162	466453	47.247	ng	99
48) 2-Nitroaniline	9.375	65	160615	47.576	ng	97
49) Acenaphthylene	9.686	152	747518	49.458	ng	99
50) Dimethylphthalate	9.551	163	562380	47.648	ng	100
51) 2,6-Dinitrotoluene	9.616	165	119969	51.499	ng	# 80
52) Acenaphthene	9.857	154	419625	42.634	ng	100
53) 3-Nitroaniline	9.786	138	83491	33.023	ng	96
54) 2,4-Dinitrophenol	9.904	184	94532	72.855	ng	94
55) Dibenzofuran	10.033	168	634289	44.841	ng	96
56) 4-Nitrophenol	9.986	139	112138	61.187	ng	# 78
57) 2,4-Dinitrotoluene	10.028	165	156013	50.183	ng	# 86
58) Fluorene	10.375	166	510793	46.563	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	85523	27.666	ng	95
60) Diethylphthalate	10.251	149	547910	46.188	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	260591	45.799	ng	92
62) 4-Nitroaniline	10.404	138	109338	42.712	ng	# 85
63) Azobenzene	10.528	77	515966	44.182	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	73137	43.813	ng	88
66) n-Nitrosodiphenylamine	10.486	169	451806	51.966	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	159737	50.639	ng	97
68) Hexachlorobenzene	10.922	284	176087	50.264	ng	97
69) Atrazine	11.016	200	146517	52.404	ng	97
70) Pentachlorophenol	11.127	266	87009	49.756	ng	97
71) Phenanthrene	11.339	178	719902	50.741	ng	99
72) Anthracene	11.392	178	688836	49.052	ng	99
73) Carbazole	11.551	167	554864	42.541	ng	99
74) Di-n-butylphthalate	11.874	149	718739	45.259	ng	99
75) Fluoranthene	12.527	202	739192	49.843	ng	97
77) Benzidine	12.651	184	241335	62.607	ng	98
78) Pyrene	12.757	202	722575	50.225	ng	98
80) Butylbenzylphthalate	13.374	149	248942	41.204	ng	97
81) Benzo(a)anthracene	13.951	228	641597	53.229	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	117452	45.546	ng	99
83) Chrysene	13.986	228	598662	52.096	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	342051	43.548	ng	100
85) Di-n-octyl phthalate	14.545	149	593077	50.133	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.874	276	459345	43.318	ng	# 91
88) Benzo(b)fluoranthene	14.998	252	617610	54.938	ng	# 97
89) Benzo(k)fluoranthene	15.292	252	46986	4.443	ng	98
90) Benzo(a)pyrene	15.292	252	48075	5.441	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	391059	44.460	ng	# 95
92) Benzo(g,h,i)perylene	17.309	276	375891	43.120	ng	# 90

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

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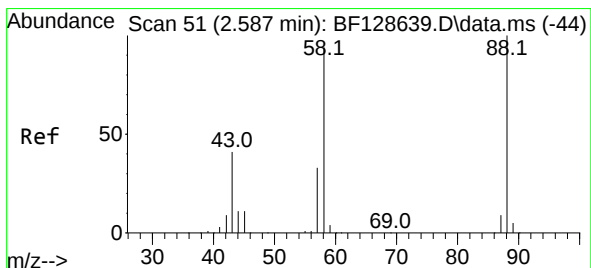
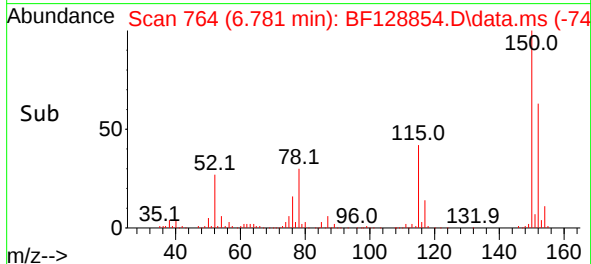
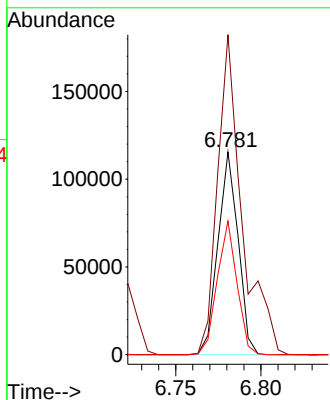
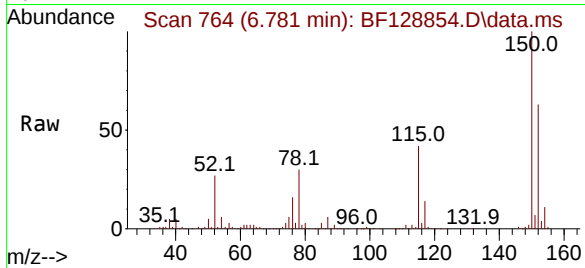




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BF128854.D
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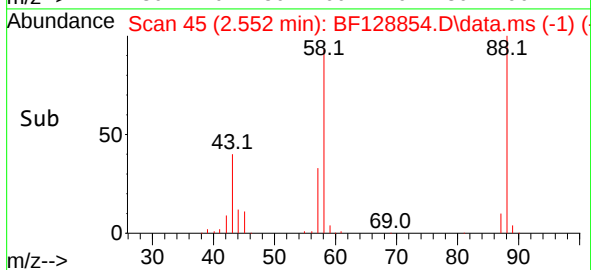
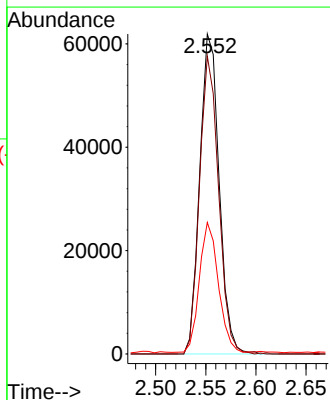
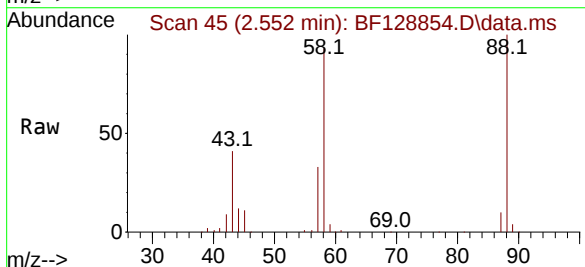
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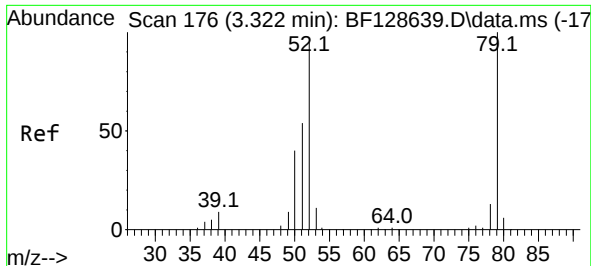
Tgt Ion:152 Resp: 95041
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.7 185.5
 115 65.9 49.9 74.9



#2
 1,4-Dioxane
 Concen: 37.736 ng
 RT: 2.552 min Scan# 45
 Delta R.T. 0.053 min
 Lab File: BF128854.D
 Acq: 17 Jun 2022 15:09

Tgt Ion: 88 Resp: 83590
 Ion Ratio Lower Upper
 88 100
 58 91.5 71.8 107.8
 43 39.7 26.6 39.8





#3

Pyridine

Concen: 37.902 ng

RT: 3.287 min Scan# 11

Delta R.T. 0.059 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

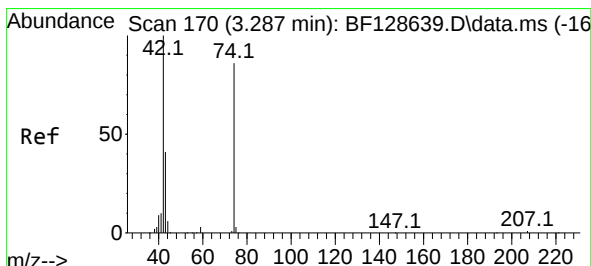
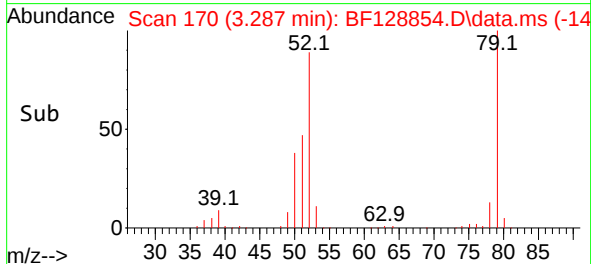
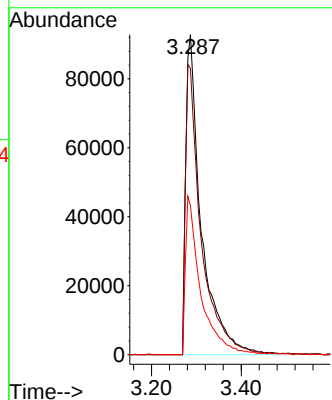
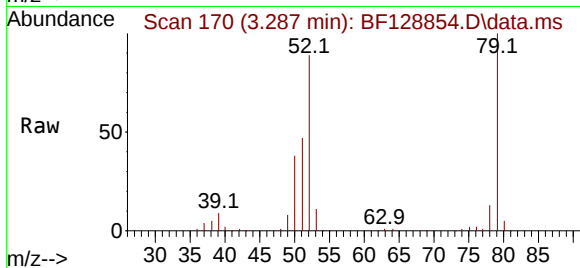
Tgt Ion: 79 Resp: 223031

Ion Ratio Lower Upper

79 100

52 89.5 68.6 102.8

51 46.5 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 39.715 ng

RT: 3.246 min Scan# 163

Delta R.T. 0.053 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

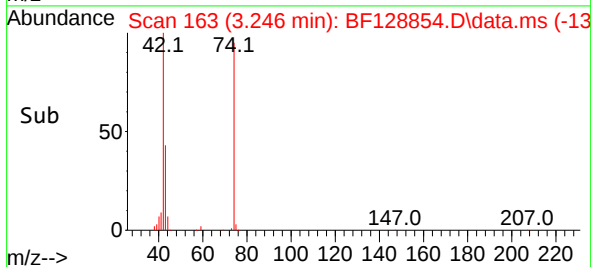
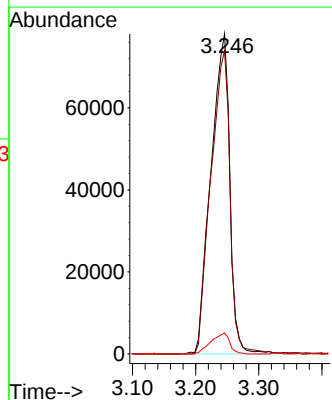
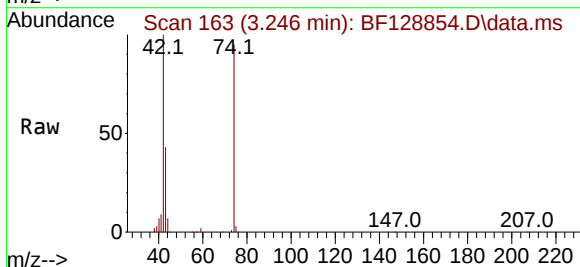
Tgt Ion: 42 Resp: 162065

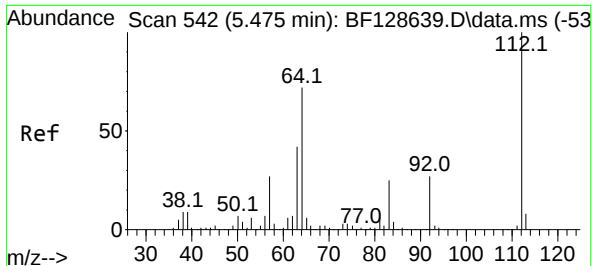
Ion Ratio Lower Upper

42 100

74 94.8 94.8 142.2#

44 6.5 6.6 10.0#

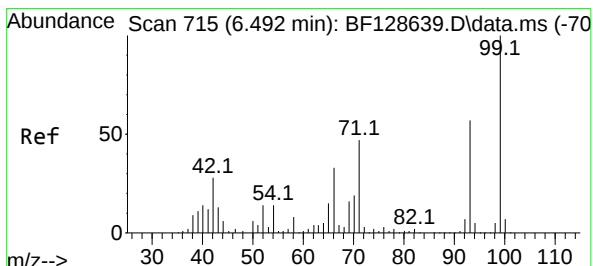
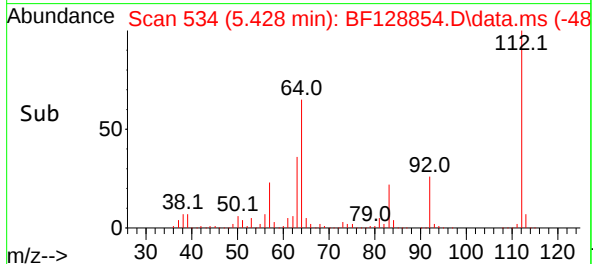
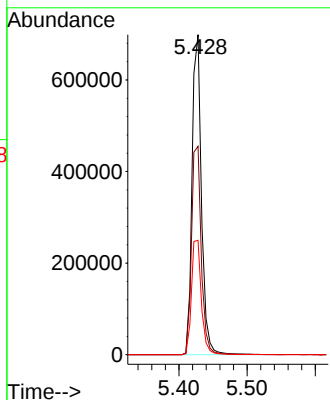
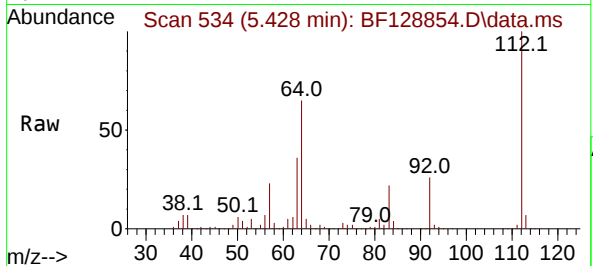




#5
2-Fluorophenol
Concen: 110.835 ng
RT: 5.428 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

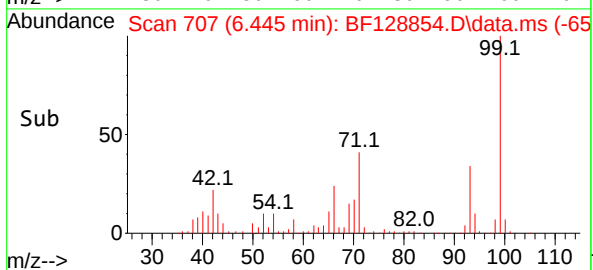
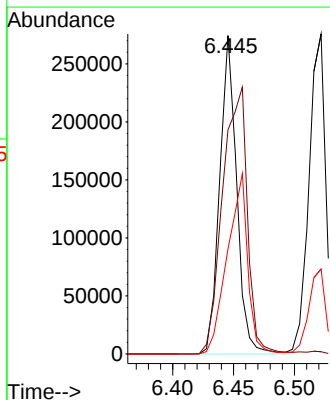
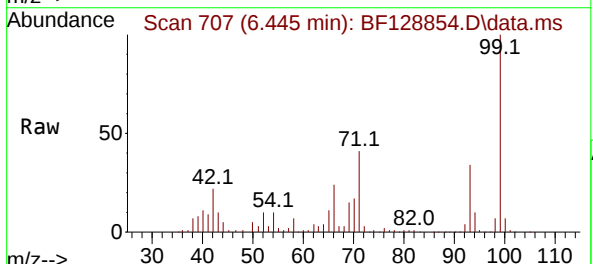
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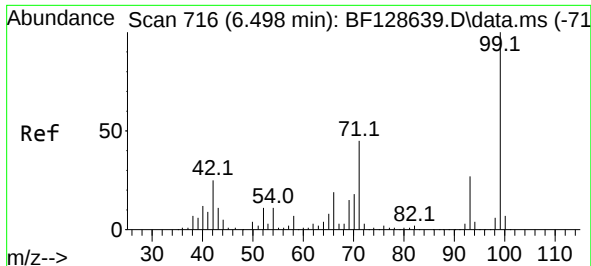
Tgt Ion:112 Resp: 661331
Ion Ratio Lower Upper
112 100
64 65.1 53.3 79.9
63 35.7 28.0 42.0



#6
Aniline
Concen: 33.867 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion: 93 Resp: 266032
Ion Ratio Lower Upper
93 100
66 70.3 32.5 48.7#
65 33.0 16.4 24.6#

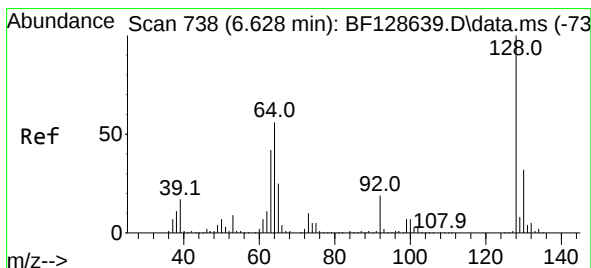
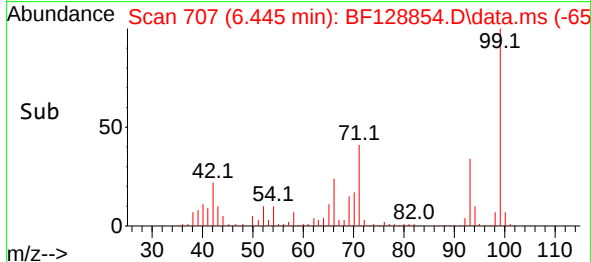
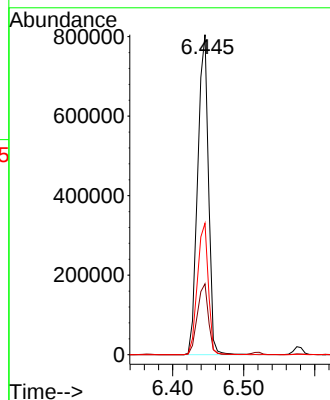
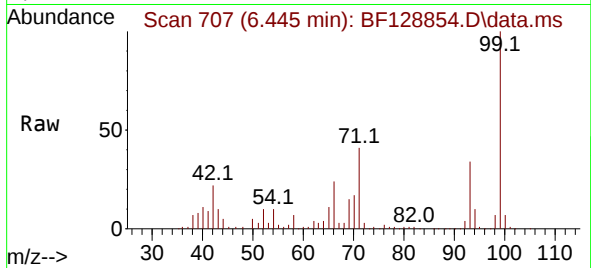




#7
Phenol-d6
Concen: 116.692 ng
RT: 6.445 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

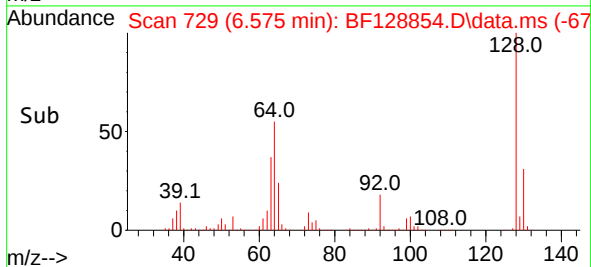
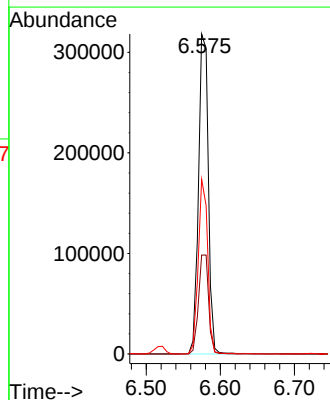
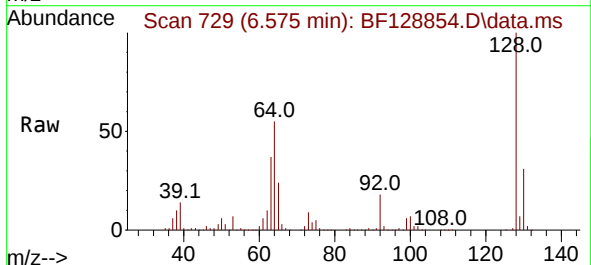
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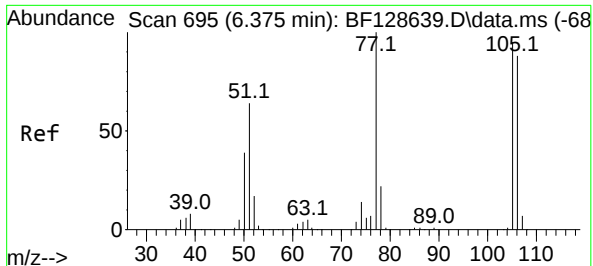
Tgt Ion: 99 Resp: 849928
Ion Ratio Lower Upper
99 100
42 22.1 17.3 25.9
71 41.0 28.9 43.3



#8
2-Chlorophenol
Concen: 47.803 ng
RT: 6.575 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion: 128 Resp: 291858
Ion Ratio Lower Upper
128 100
130 30.9 13.1 53.1
64 54.6 30.9 70.9

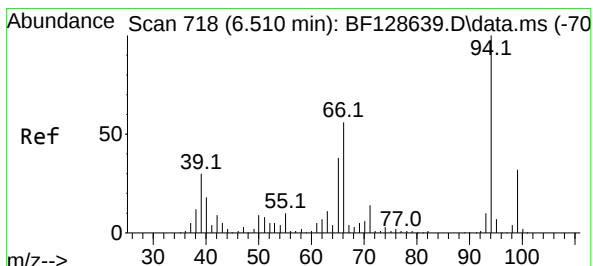
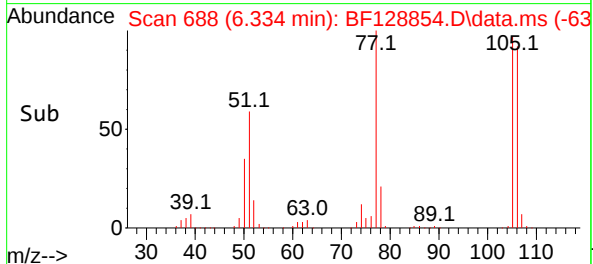
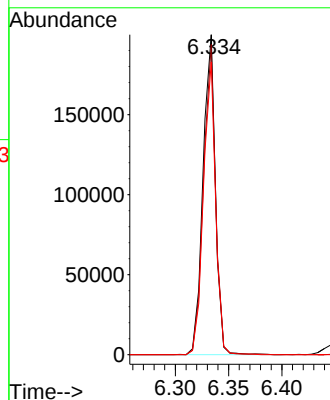
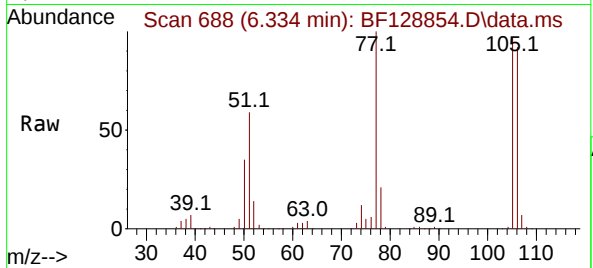




#9
Benzaldehyde
Concen: 36.454 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

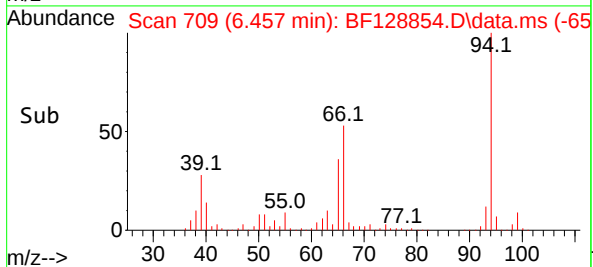
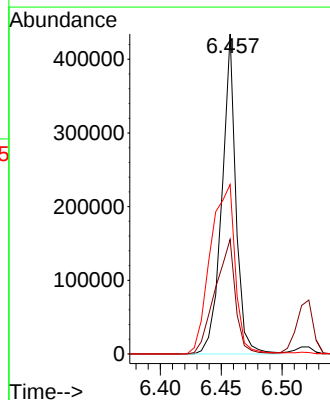
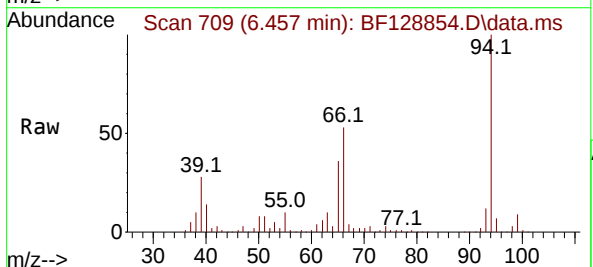
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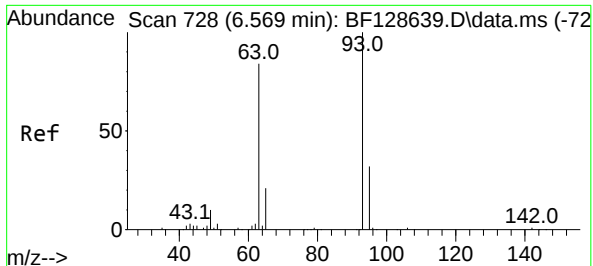
Tgt Ion: 77 Resp: 161757
Ion Ratio Lower Upper
77 100
105 97.0 81.6 121.6
106 91.5 76.1 116.1



#10
Phenol
Concen: 45.441 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion: 94 Resp: 349856
Ion Ratio Lower Upper
94 100
65 35.8 11.4 51.4
66 53.0 21.4 61.4

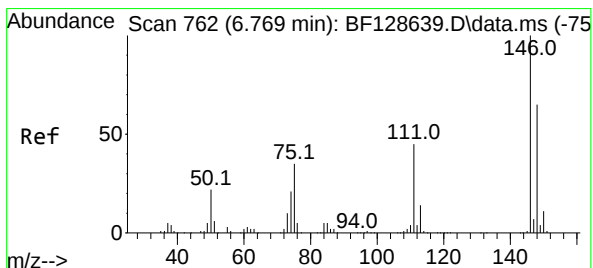
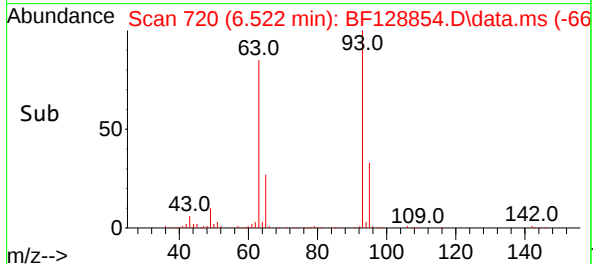
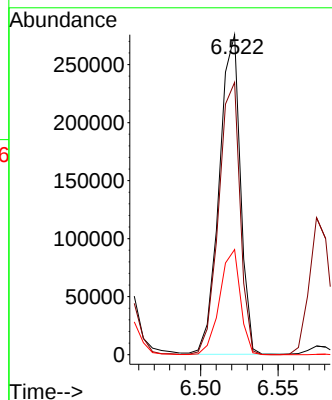
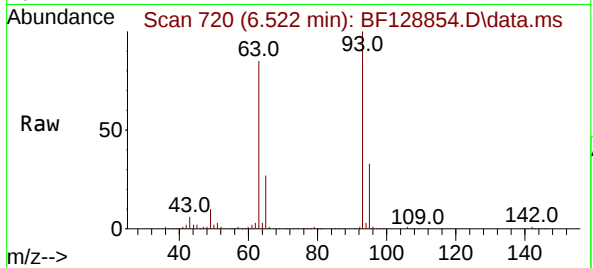




#11
bis(2-Chloroethyl)ether
Concen: 46.460 ng
RT: 6.522 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

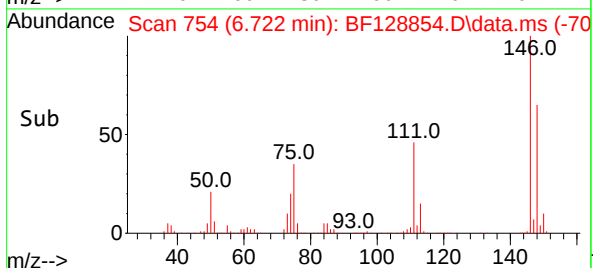
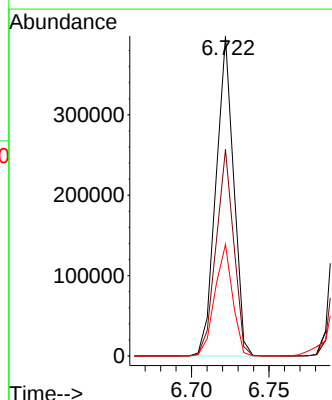
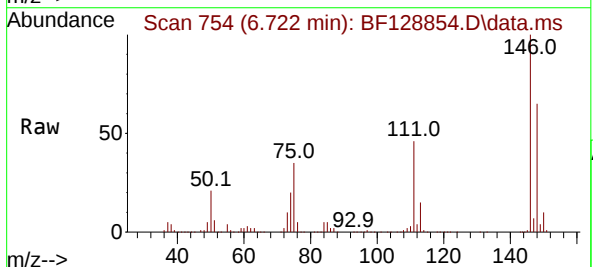
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

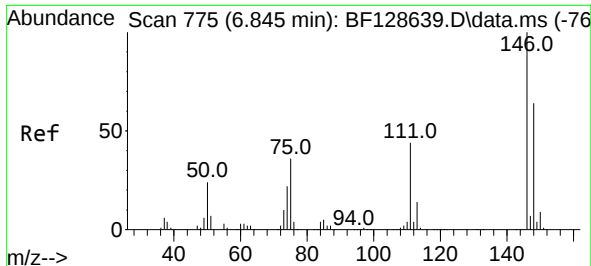
Tgt Ion: 93 Resp: 262115
Ion Ratio Lower Upper
93 100
63 85.1 67.4 107.4
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.764 ng
RT: 6.722 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:146 Resp: 315958
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 34.8 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 45.251 ng

RT: 6.798 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

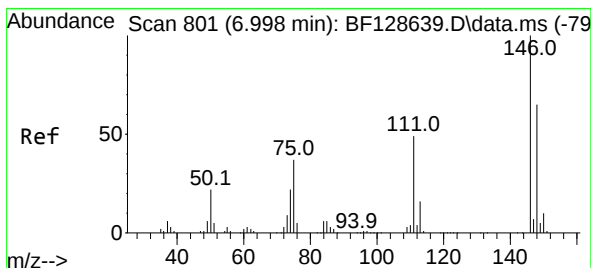
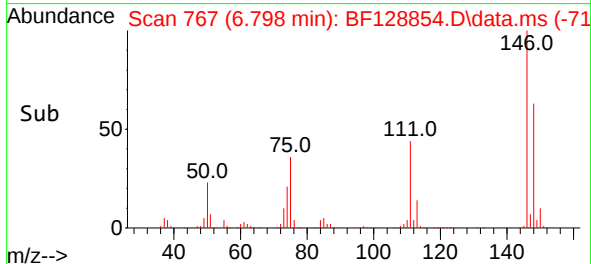
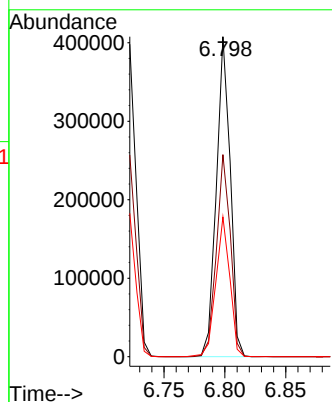
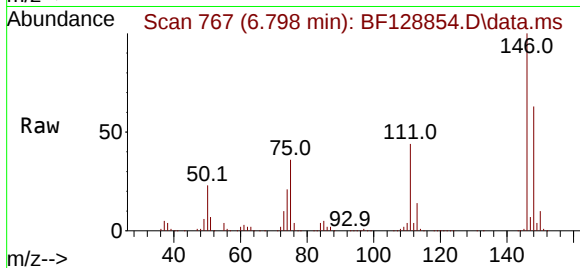
Tgt Ion:146 Resp: 322572

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

111 43.7 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 46.262 ng

RT: 6.951 min Scan# 793

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

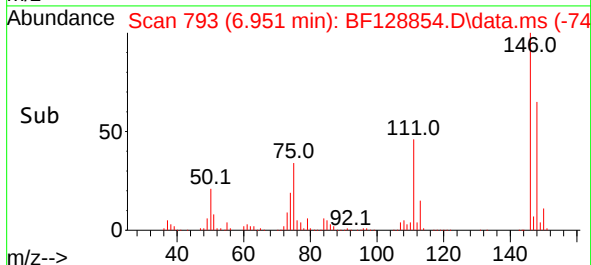
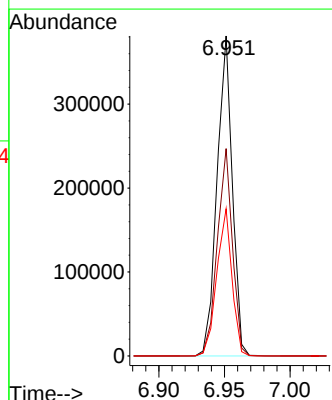
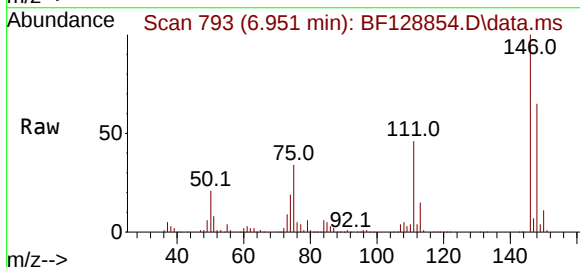
Tgt Ion:146 Resp: 308486

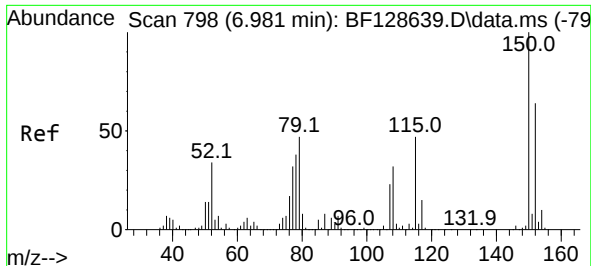
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

111 46.0 35.1 52.7





#15

Benzyl Alcohol

Concen: 44.381 ng

RT: 6.934 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

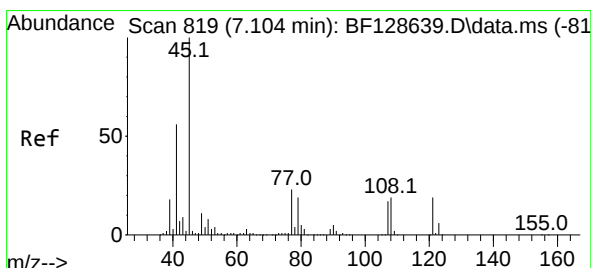
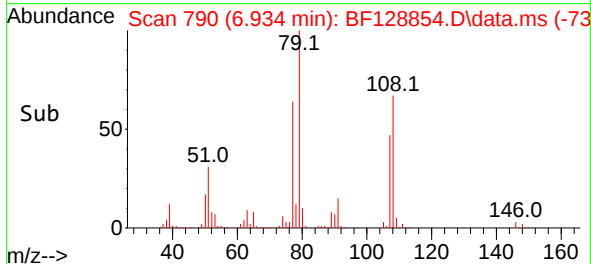
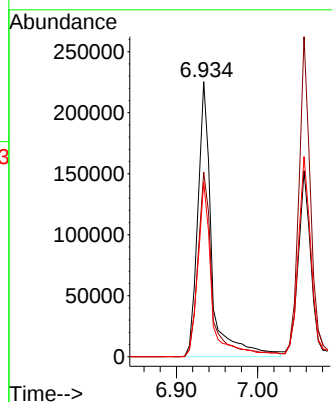
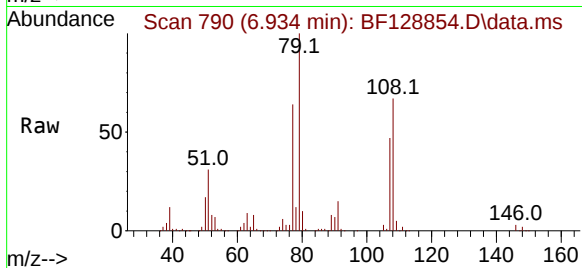
Tgt Ion: 79 Resp: 270458

Ion Ratio Lower Upper

79 100

108 67.1 61.8 92.6

77 63.5 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.744 ng

RT: 7.057 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

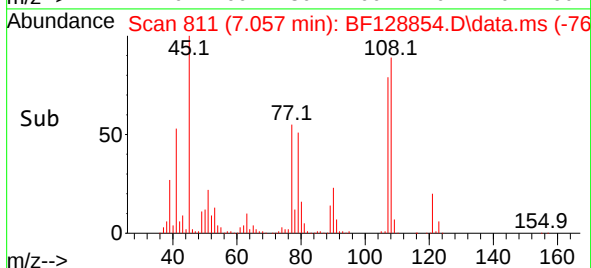
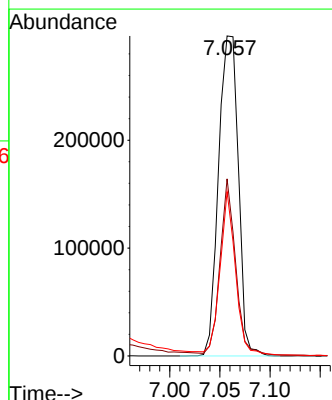
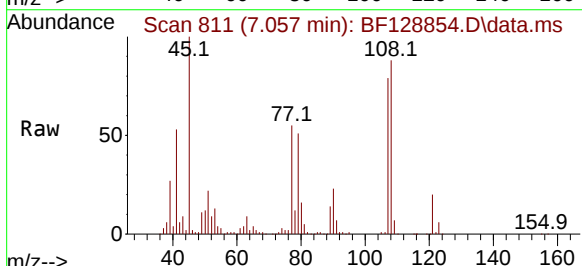
Tgt Ion: 45 Resp: 406611

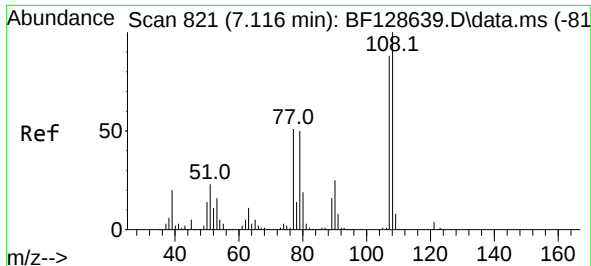
Ion Ratio Lower Upper

45 100

77 55.3 0.0 31.3#

79 51.4 0.0 28.3#

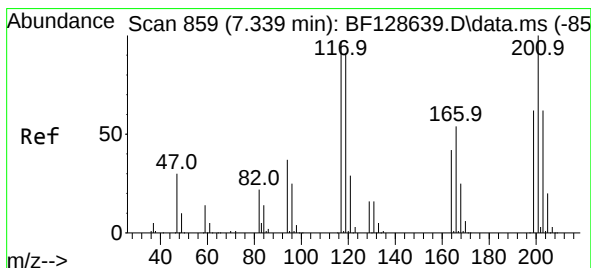
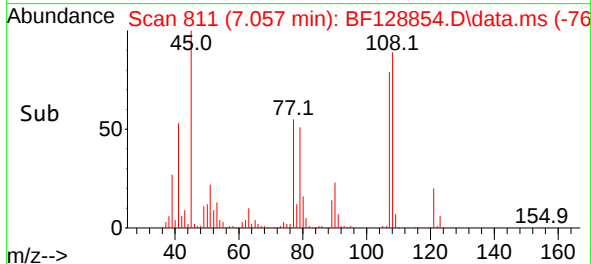
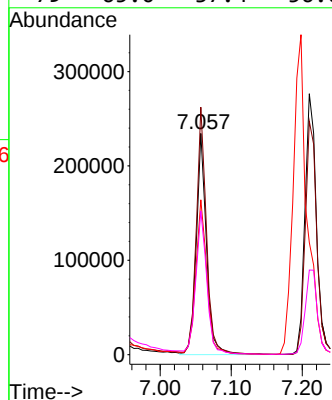
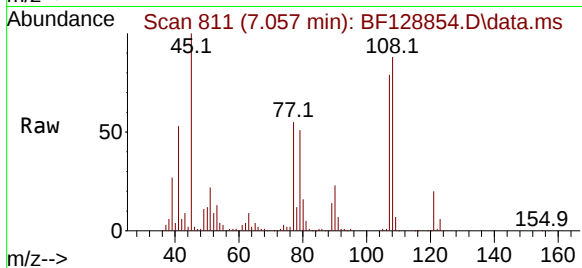




#17
2-Methylphenol
Concen: 48.732 ng
RT: 7.057 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

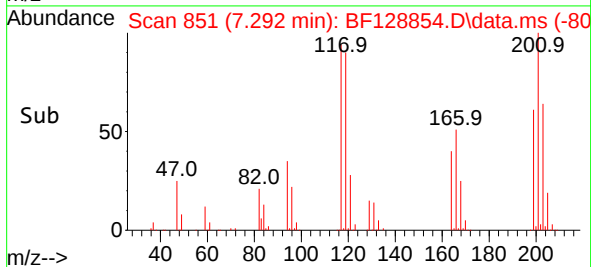
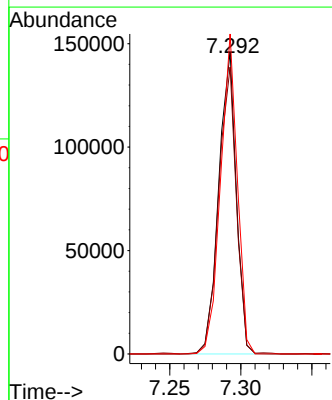
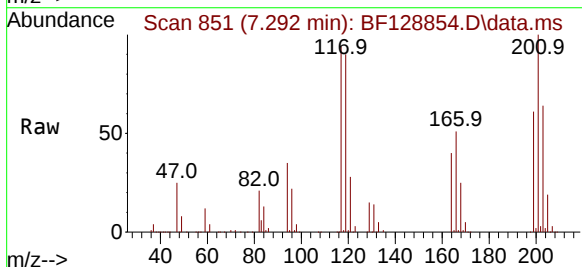
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

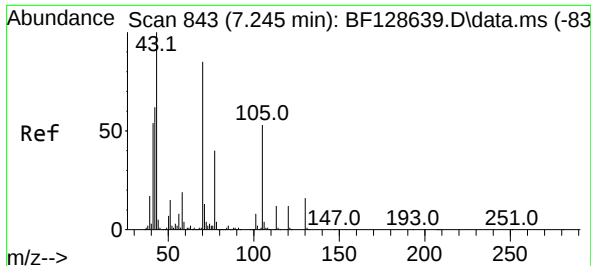
Tgt Ion:107 Resp: 235154
Ion Ratio Lower Upper
107 100
108 111.9 91.9 137.9
77 70.0 37.8 56.8#
79 65.0 37.4 56.0#



#18
Hexachloroethane
Concen: 47.143 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:117 Resp: 125029
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.2
201 106.0 84.6 127.0

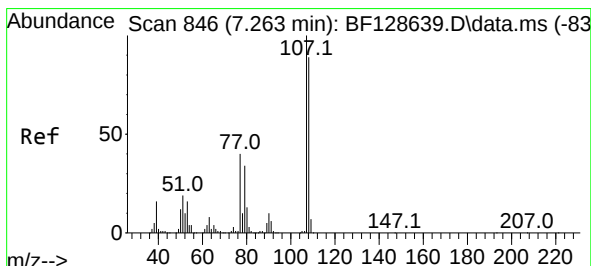
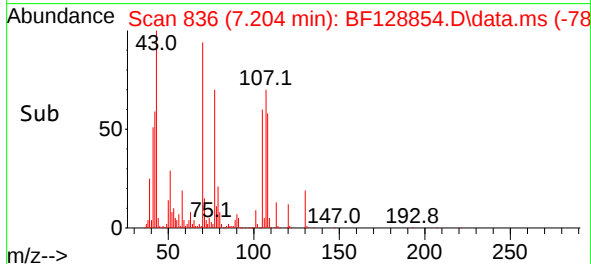
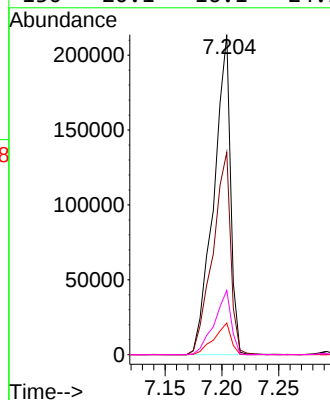
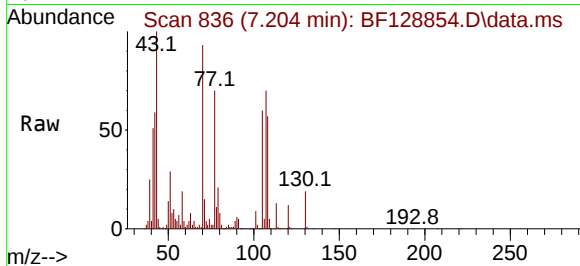




#19
n-Nitroso-di-n-propylamine
Concen: 48.509 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

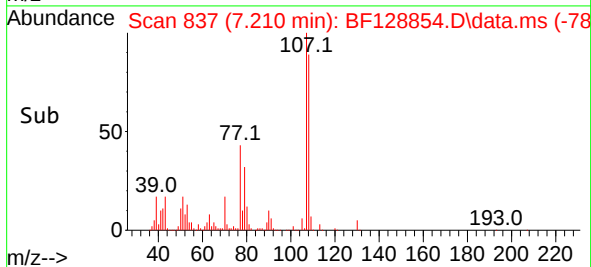
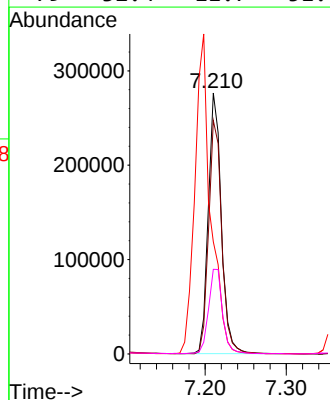
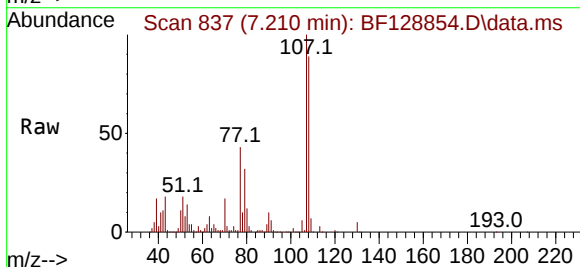
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

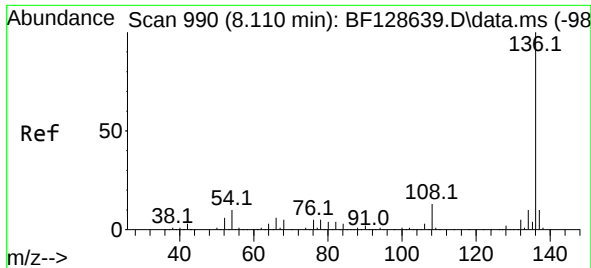
Tgt Ion: 70 Resp: 219676
Ion Ratio Lower Upper
70 100
42 63.3 52.3 78.5
101 9.9 7.5 11.3
130 20.1 16.1 24.1



#20
3+4-Methylphenols
Concen: 47.604 ng
RT: 7.210 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion: 107 Resp: 306674
Ion Ratio Lower Upper
107 100
108 89.4 71.8 111.8
77 43.0 59.3 99.3#
79 32.4 11.7 51.7

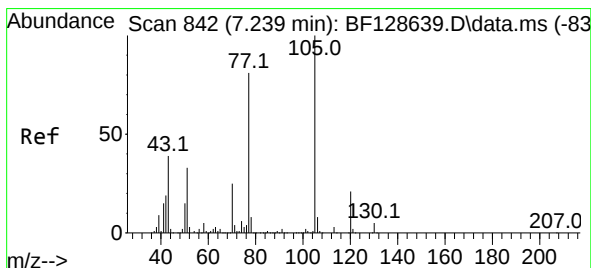
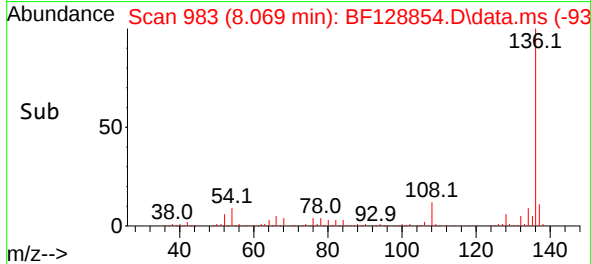
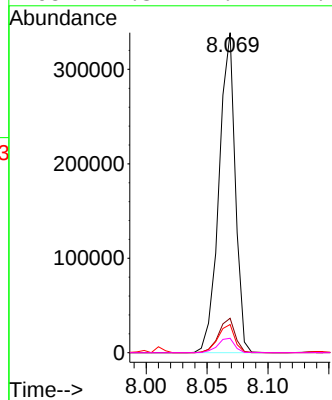
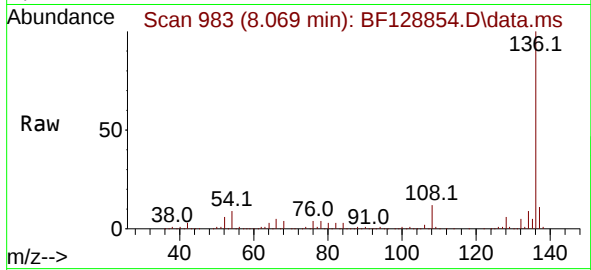




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

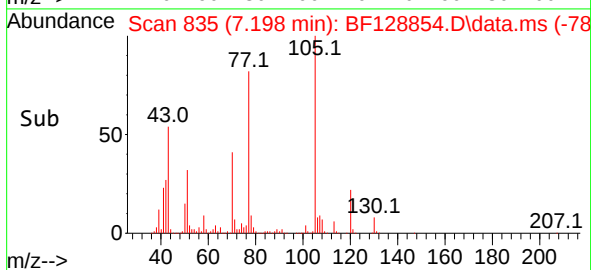
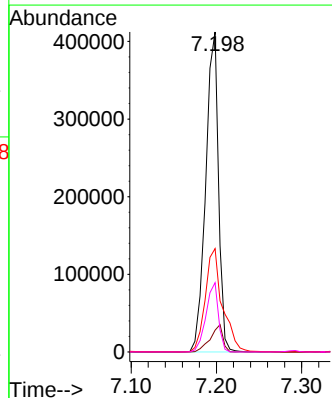
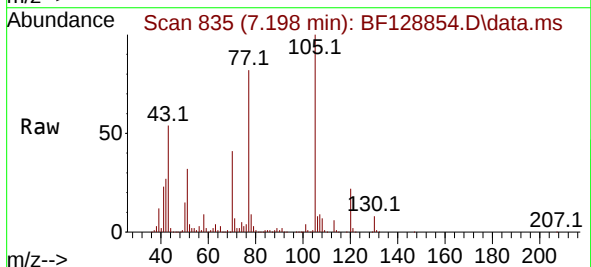
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

Tgt Ion:136 Resp: 315076
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.8 7.5 11.3
68 4.5 4.7 7.1#



#22
Acetophenone
Concen: 52.134 ng
RT: 7.198 min Scan# 835
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:105 Resp: 429617
Ion Ratio Lower Upper
105 100
71 6.8 5.0 7.4
51 32.3 25.0 37.4
120 21.7 17.8 26.8

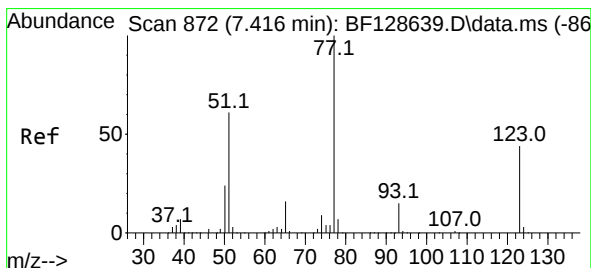
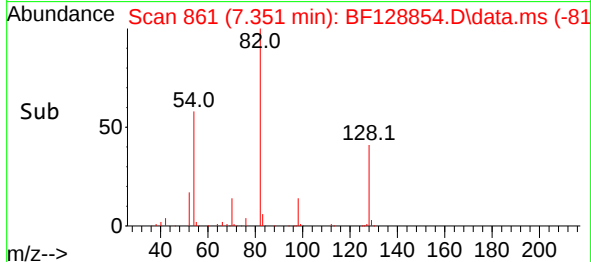
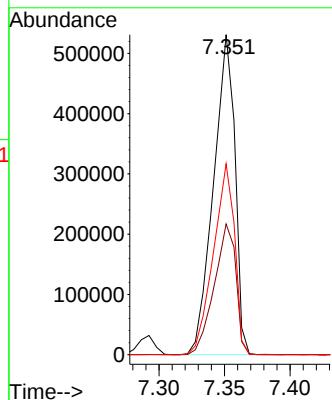
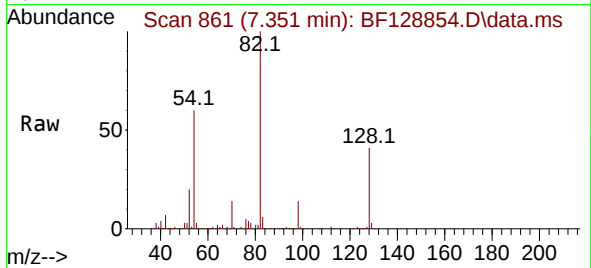




#23
Nitrobenzene-d5
Concen: 88.993 ng
RT: 7.351 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

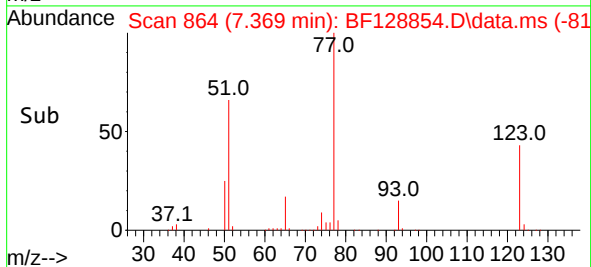
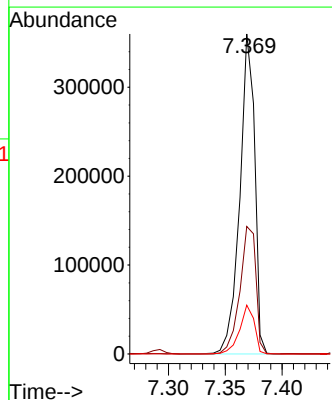
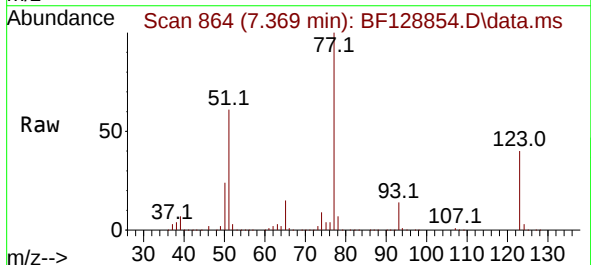
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

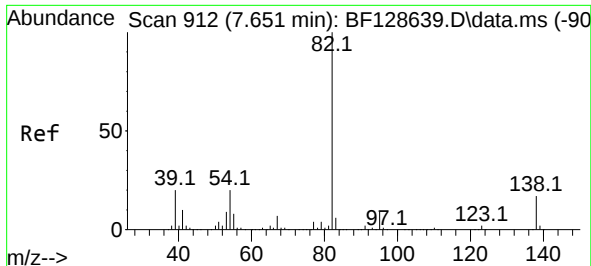
Tgt Ion: 82 Resp: 602240
Ion Ratio Lower Upper
82 100
128 40.9 34.0 51.0
54 59.6 46.9 70.3



#24
Nitrobenzene
Concen: 52.974 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion: 77 Resp: 329118
Ion Ratio Lower Upper
77 100
123 39.9 35.4 53.2
65 15.3 11.8 17.8

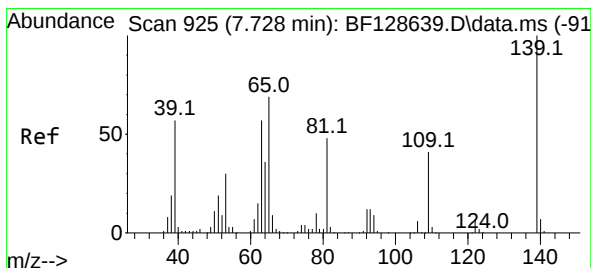
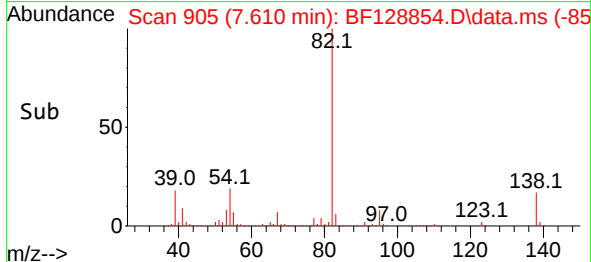
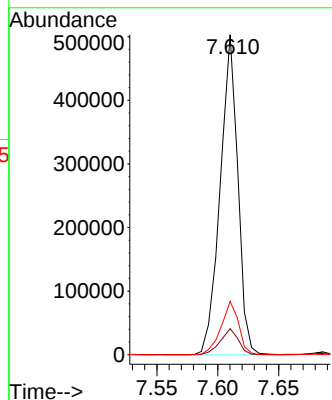
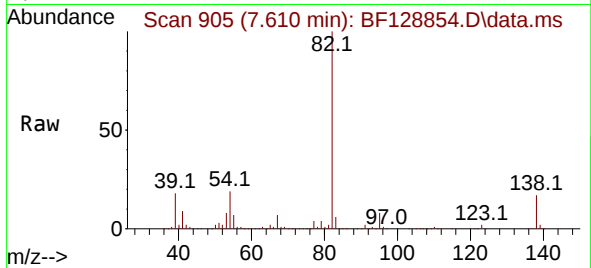




#25
Isophorone
Concen: 49.396 ng
RT: 7.610 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

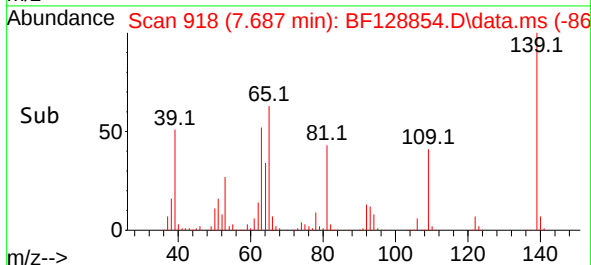
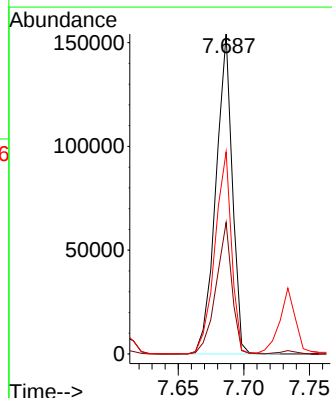
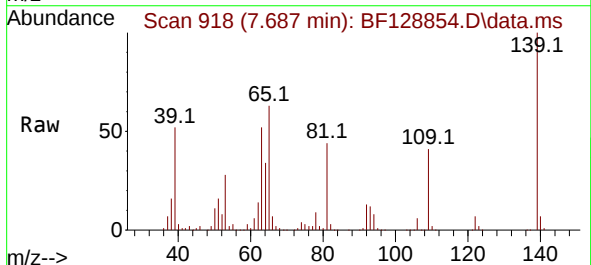
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

Tgt Ion: 82 Resp: 507690
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.6 14.2 21.2



#26
2-Nitrophenol
Concen: 49.168 ng
RT: 7.687 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion: 139 Resp: 134590
Ion Ratio Lower Upper
139 100
109 41.1 25.0 37.4#
65 63.2 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 55.096 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

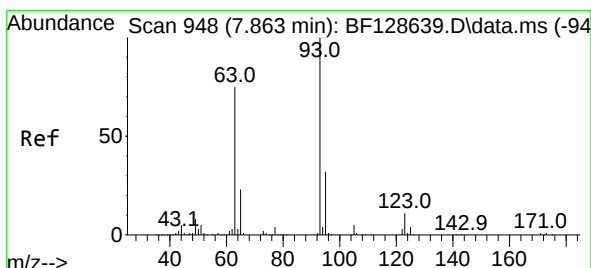
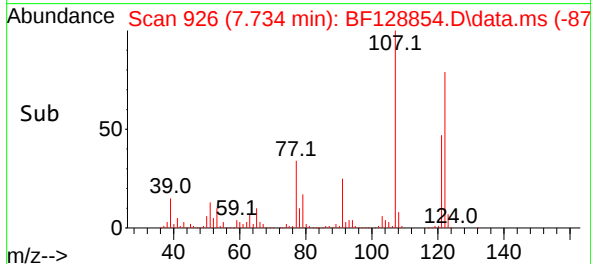
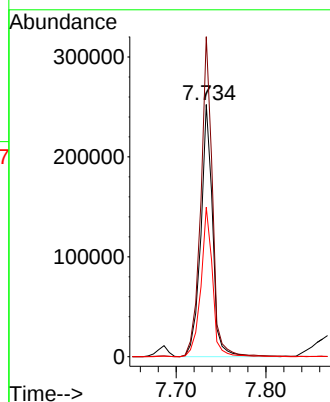
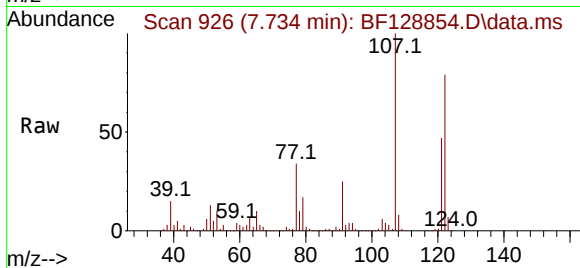
Tgt Ion:122 Resp: 229739

Ion Ratio Lower Upper

122 100

107 126.9 93.0 139.6

121 59.2 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.743 ng

RT: 7.816 min Scan# 940

Delta R.T. -0.006 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

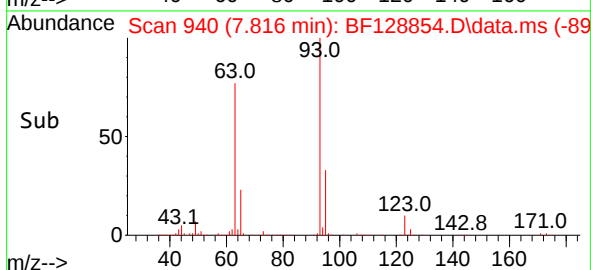
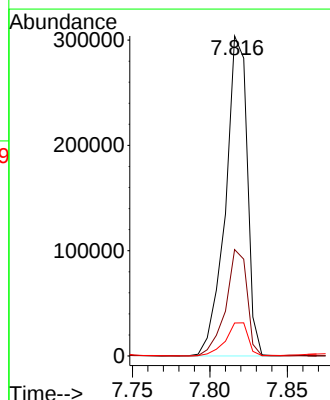
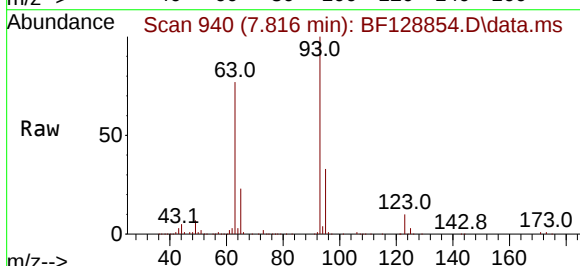
Tgt Ion: 93 Resp: 297210

Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

123 10.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.454 ng

RT: 7.939 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

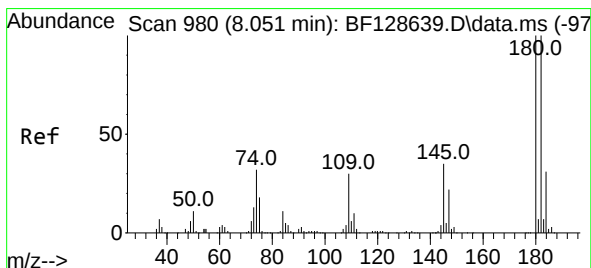
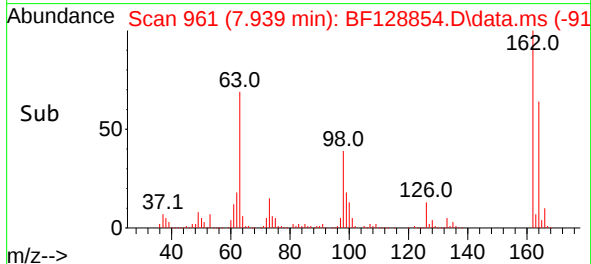
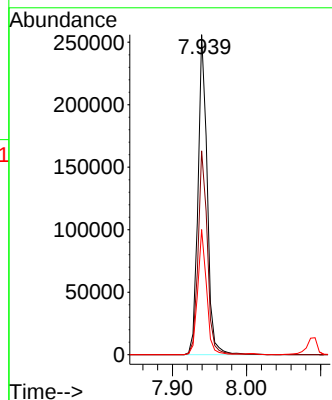
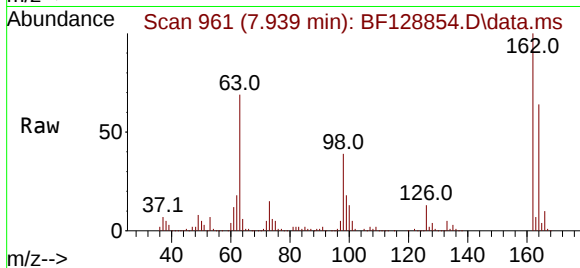
Tgt Ion:162 Resp: 219365

Ion Ratio Lower Upper

162 100

164 63.7 44.2 84.2

98 39.1 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 44.000 ng

RT: 8.010 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

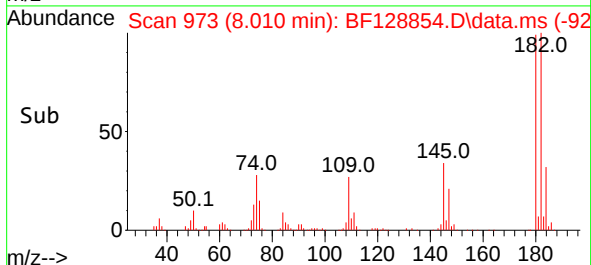
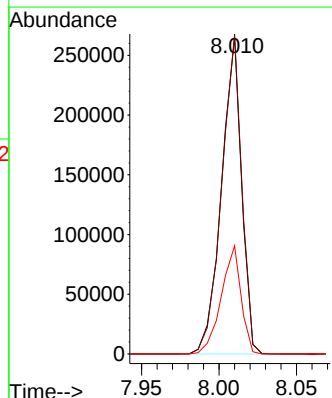
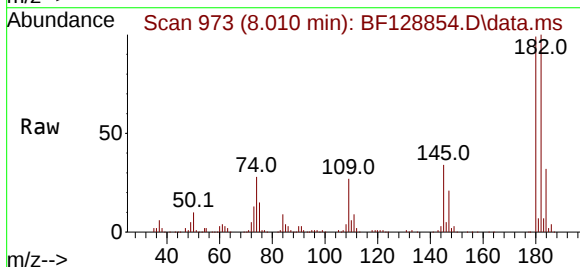
Tgt Ion:180 Resp: 239100

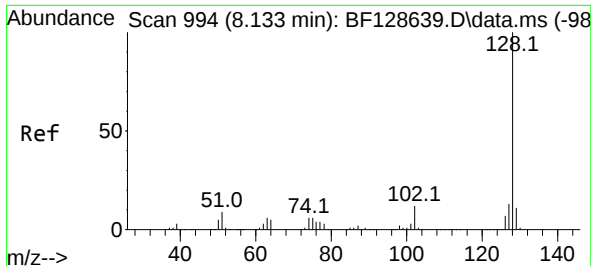
Ion Ratio Lower Upper

180 100

182 101.0 79.2 118.8

145 34.1 26.2 39.2

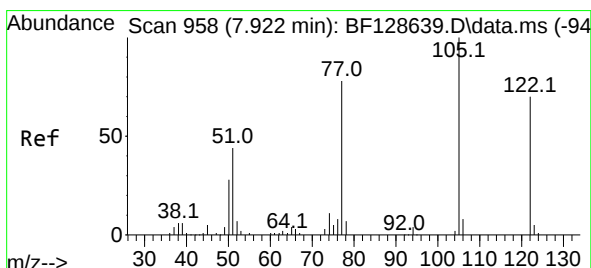
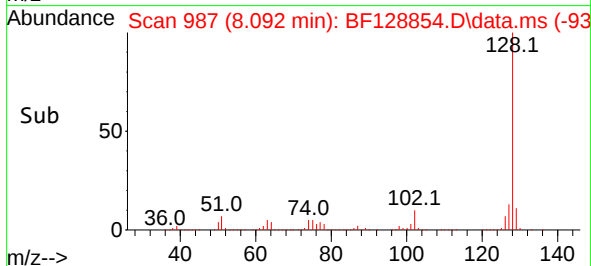
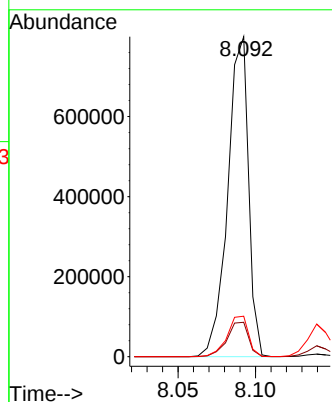
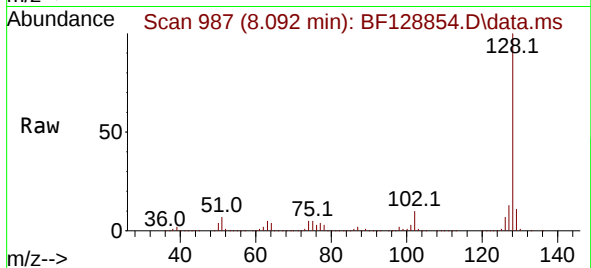




#31
Naphthalene
Concen: 46.048 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

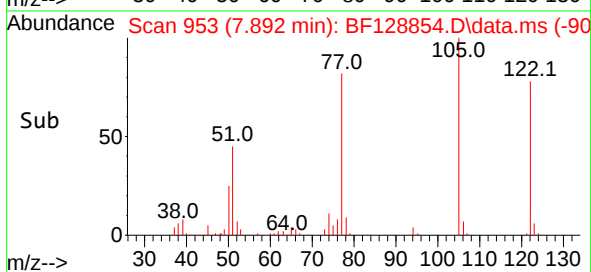
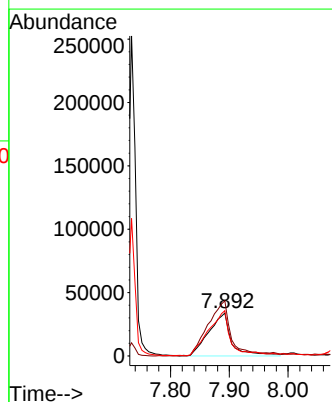
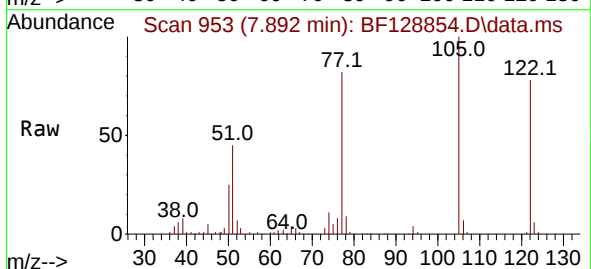
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

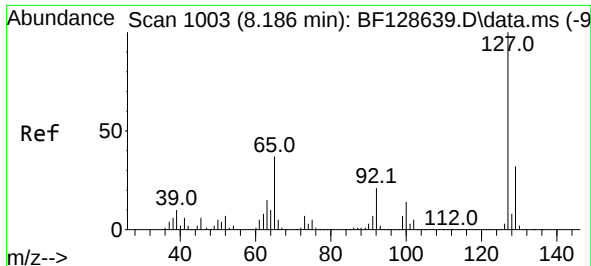
Tgt Ion:128 Resp: 744591
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 12.7 10.5 15.7



#32
Benzoic acid
Concen: 31.023 ng
RT: 7.892 min Scan# 953
Delta R.T. 0.012 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:122 Resp: 91777
Ion Ratio Lower Upper
122 100
105 128.5 107.1 147.1
77 105.3 74.2 114.2





#33

4-Chloroaniline

Concen: 15.891 ng

RT: 8.139 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

Tgt Ion:127 Resp: 96878

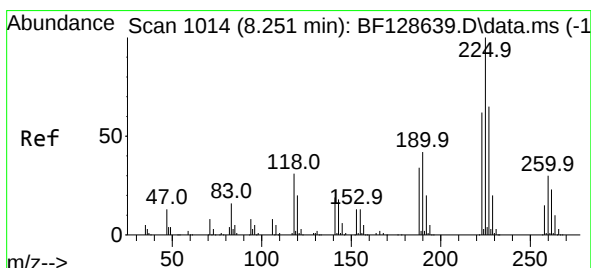
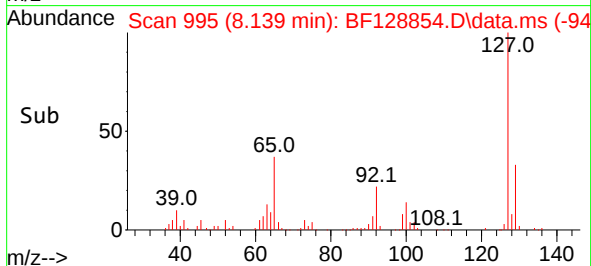
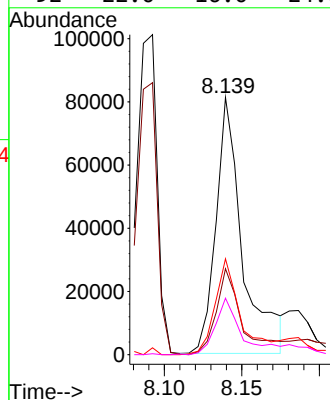
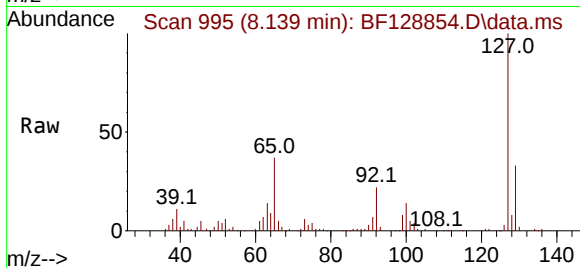
Ion Ratio Lower Upper

127 100

129 33.4 26.4 39.6

65 37.3 26.4 39.6

92 22.0 16.0 24.0



#34

Hexachlorobutadiene

Concen: 43.725 ng

RT: 8.204 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

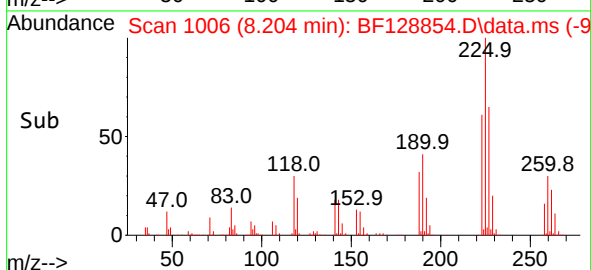
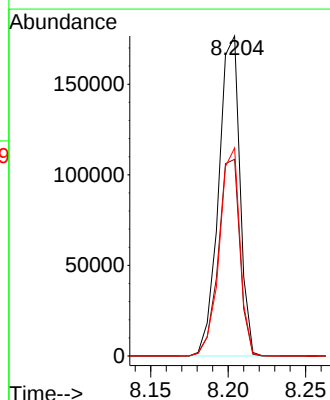
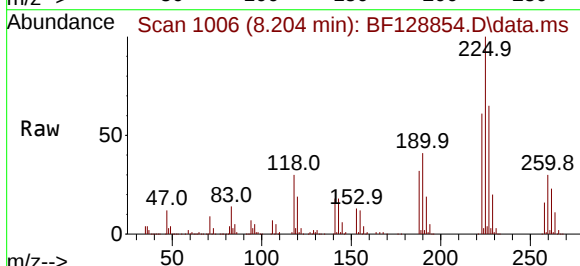
Tgt Ion:225 Resp: 168510

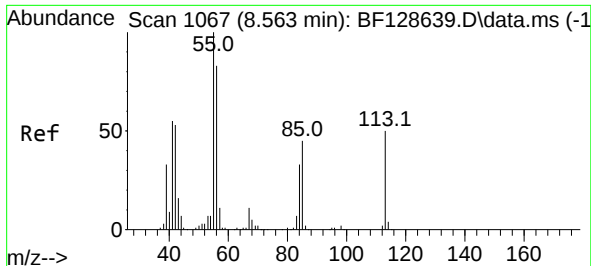
Ion Ratio Lower Upper

225 100

223 61.4 51.0 76.6

227 65.0 51.1 76.7

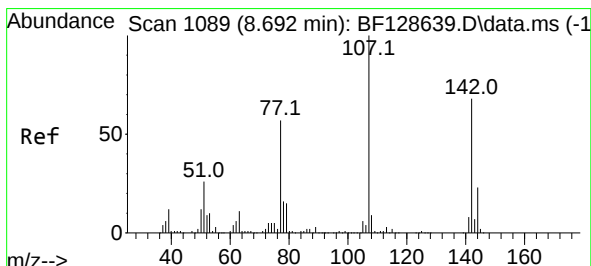
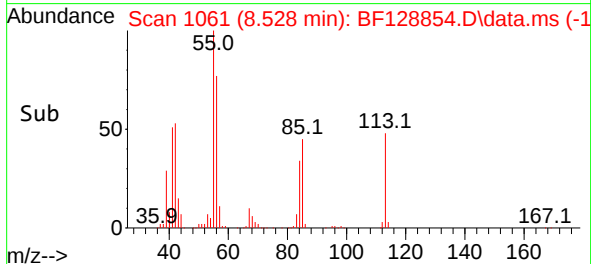
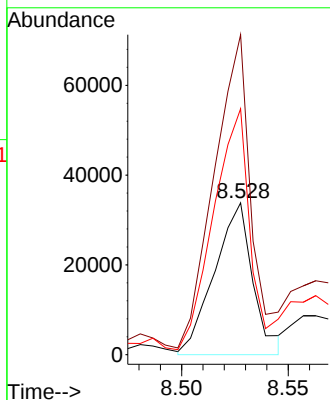
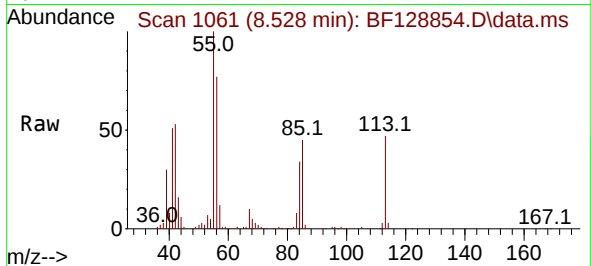




#35
Caprolactam
Concen: 31.835 ng
RT: 8.528 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

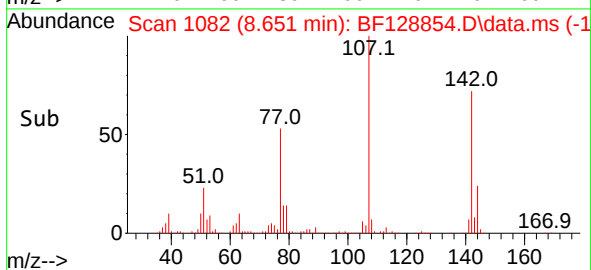
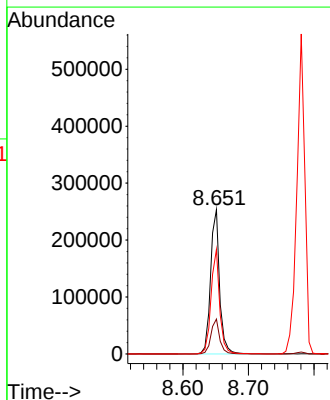
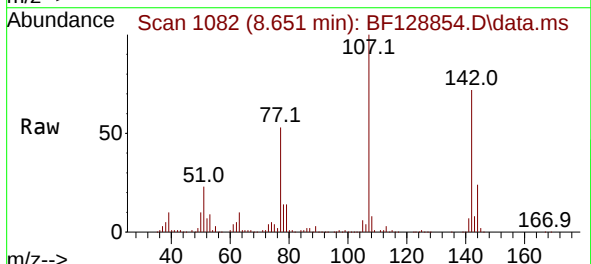
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

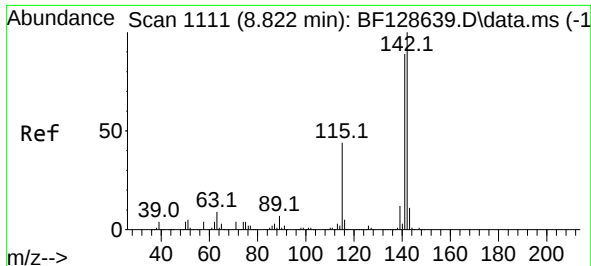
Tgt Ion:113 Resp: 42485
Ion Ratio Lower Upper
113 100
55 210.6 188.5 228.5
56 161.9 130.6 170.6



#36
4-Chloro-3-methylphenol
Concen: 46.219 ng
RT: 8.651 min Scan# 1082
Delta R.T. 0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:107 Resp: 243430
Ion Ratio Lower Upper
107 100
144 24.1 19.5 29.3
142 72.4 58.2 87.4

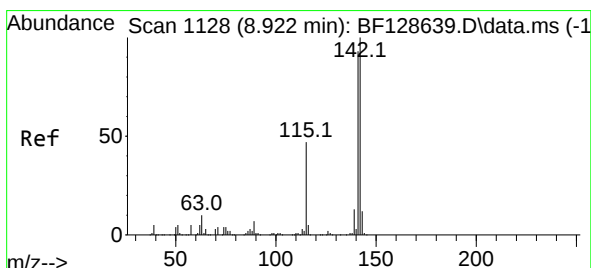
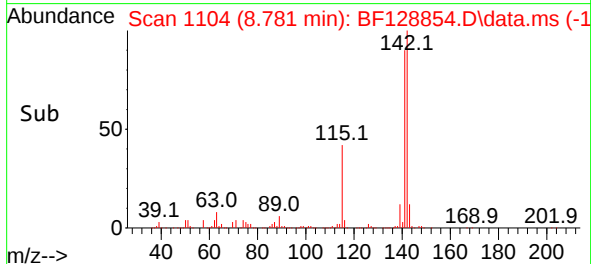
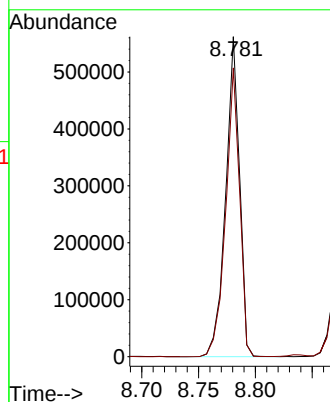
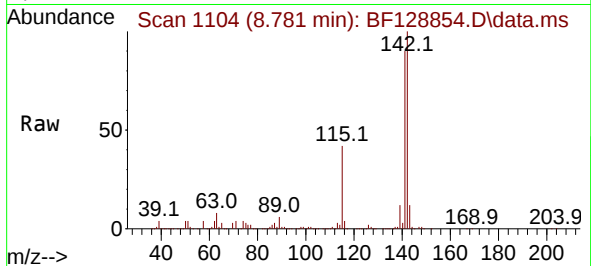




#37
2-Methylnaphthalene
Concen: 46.480 ng
RT: 8.781 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

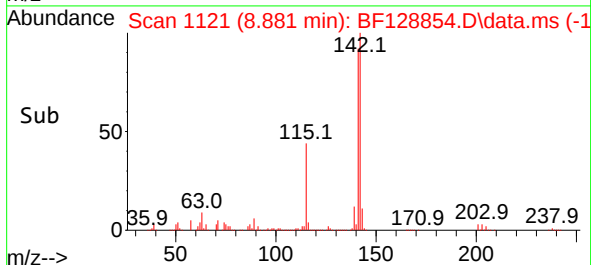
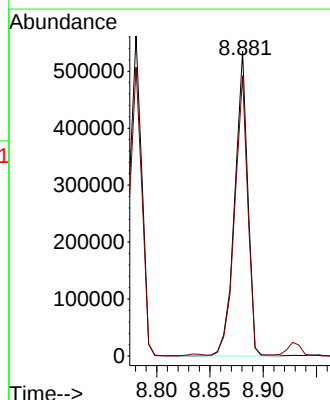
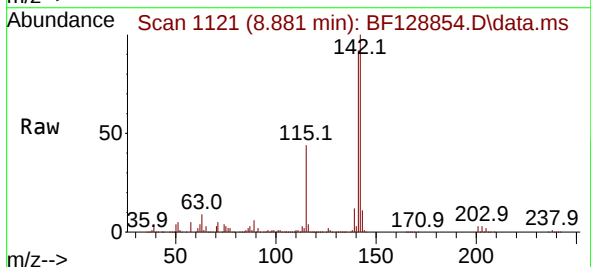
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

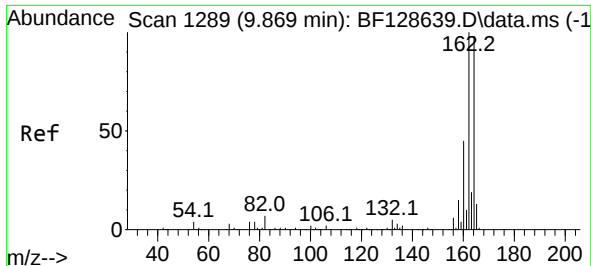
Tgt Ion:142 Resp: 478047
Ion Ratio Lower Upper
142 100
141 90.3 71.0 106.4



#38
1-Methylnaphthalene
Concen: 45.869 ng
RT: 8.881 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:142 Resp: 455794
Ion Ratio Lower Upper
142 100
141 91.9 74.2 111.4

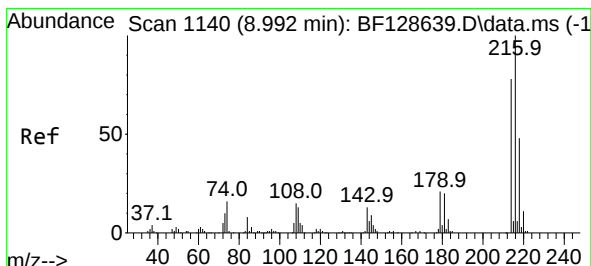
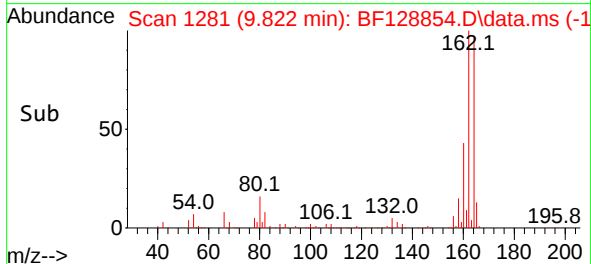
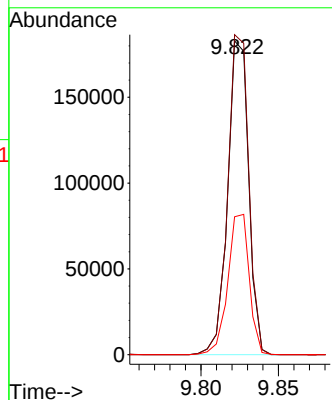
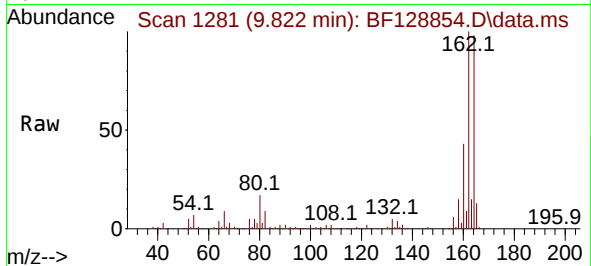




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

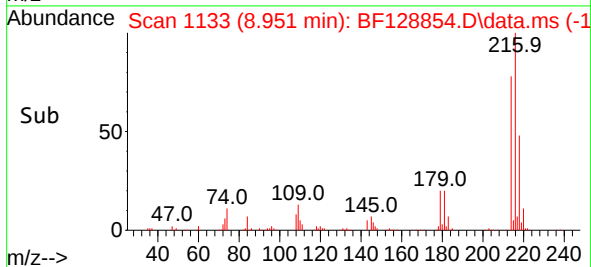
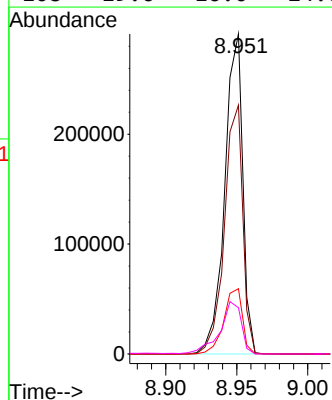
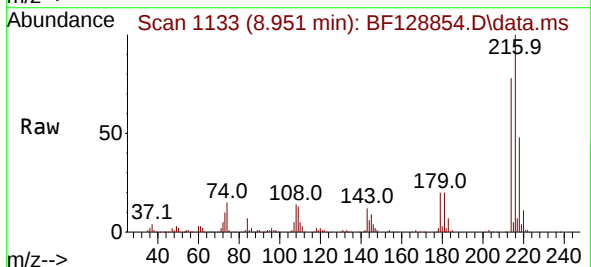
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

Tgt Ion:164 Resp: 172436
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 44.0 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.880 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:216 Resp: 256413
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 21.1 17.0 25.6
108 19.6 16.0 24.0

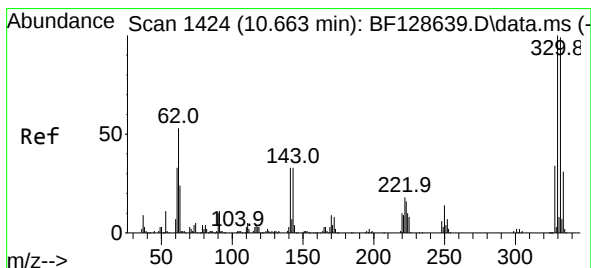
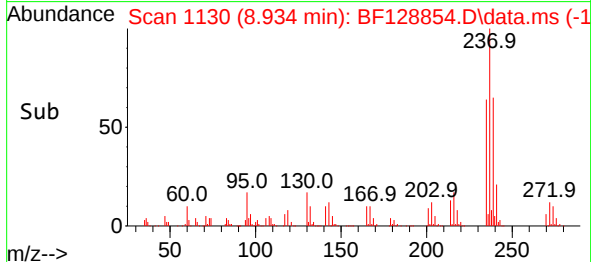
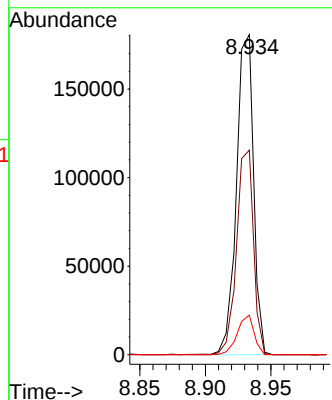
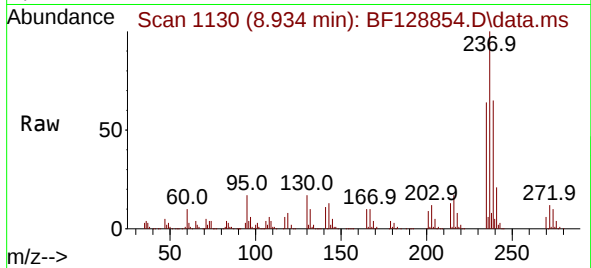




#41
Hexachlorocyclopentadiene
Concen: 51.152 ng
RT: 8.934 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

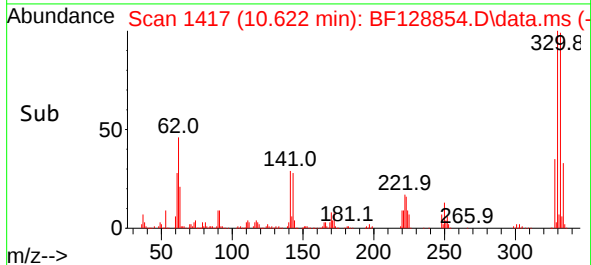
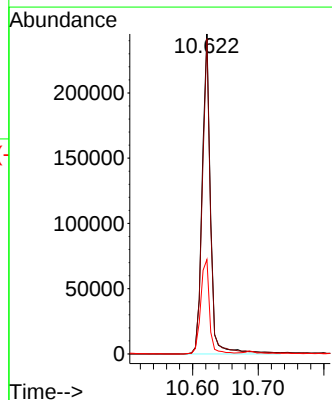
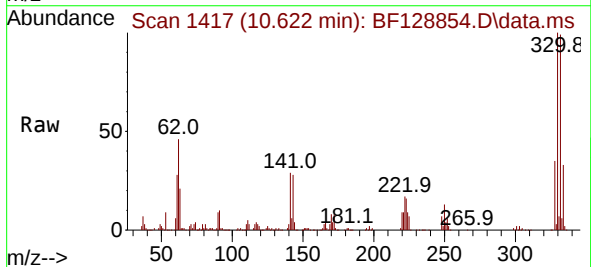
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

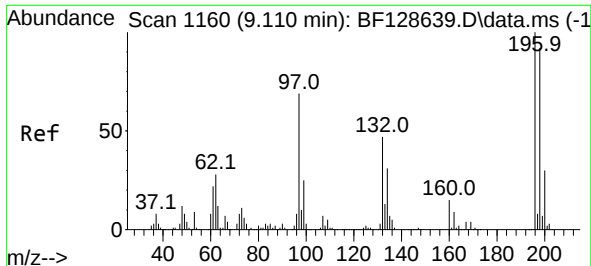
Tgt Ion:237 Resp: 164665
Ion Ratio Lower Upper
237 100
235 63.9 43.2 83.2
272 12.3 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 106.243 ng
RT: 10.622 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:330 Resp: 216461
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 31.5 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 41.937 ng

RT: 9.069 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

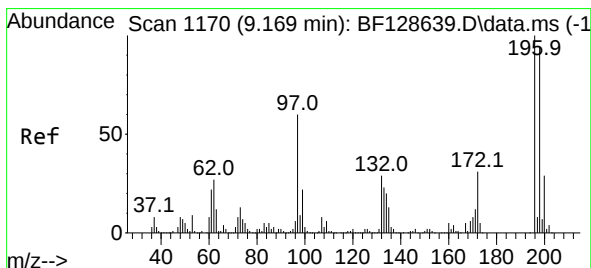
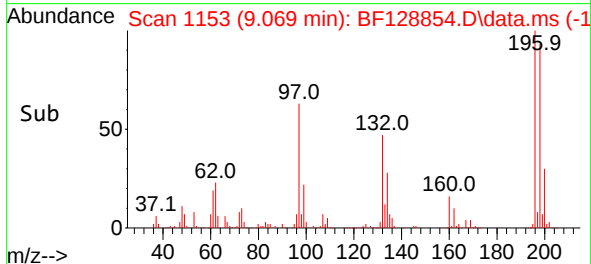
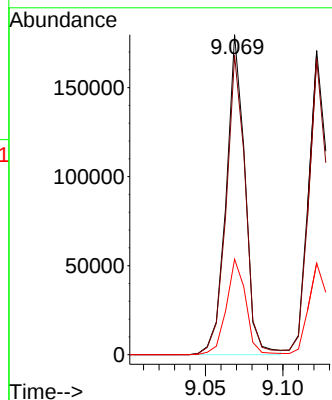
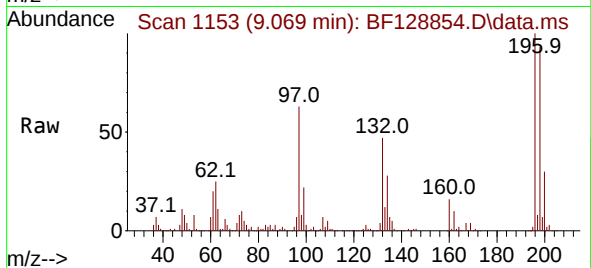
Tgt Ion:196 Resp: 151877

Ion Ratio Lower Upper

196 100

198 93.5 74.0 111.0

200 29.9 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 43.206 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Tgt Ion:196 Resp: 161703

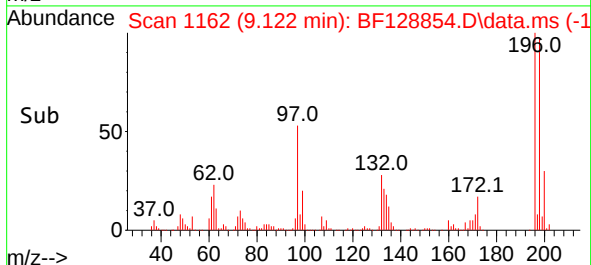
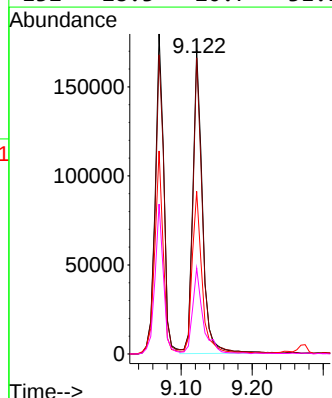
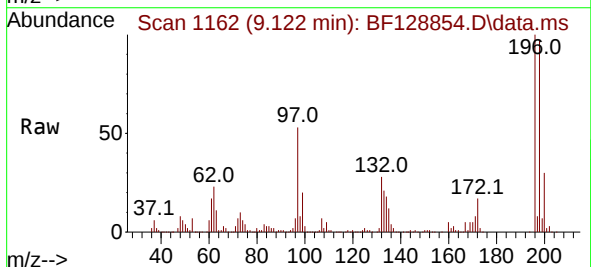
Ion Ratio Lower Upper

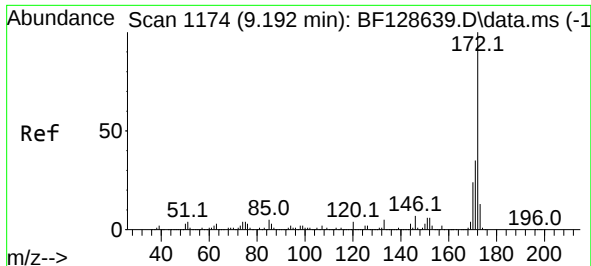
196 100

198 97.5 75.7 113.5

97 53.5 36.4 54.6

132 28.3 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 82.895 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

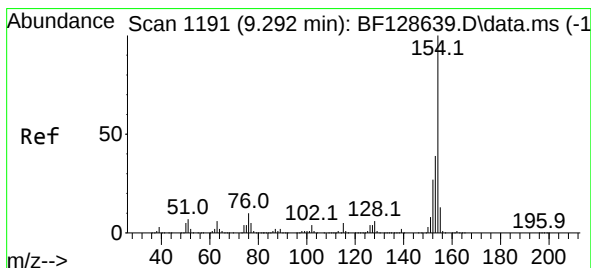
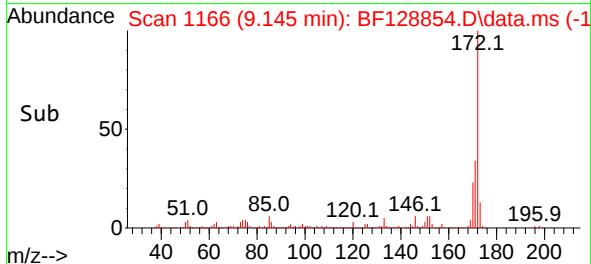
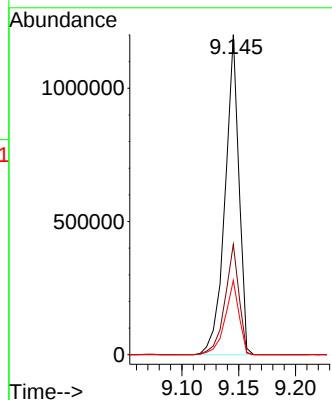
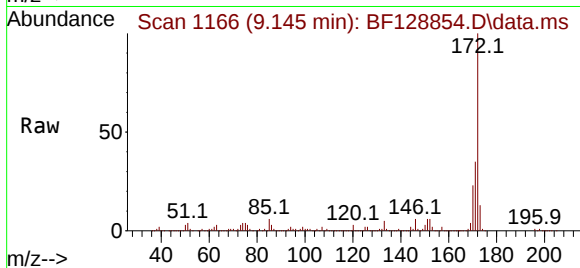
Tgt Ion:172 Resp: 1020427

Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 23.2 19.8 29.8



#46

1,1'-Biphenyl

Concen: 46.951 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

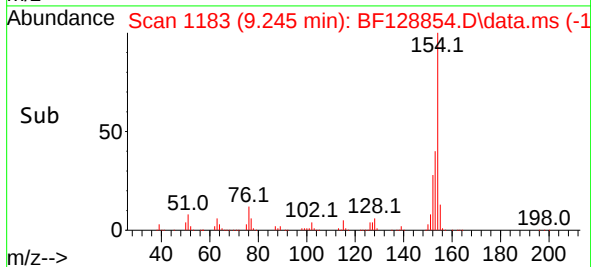
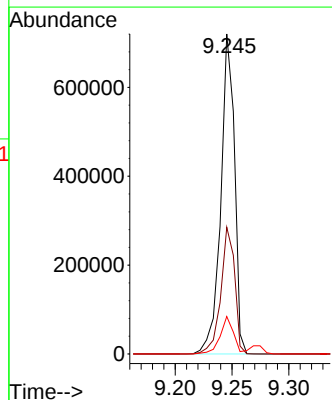
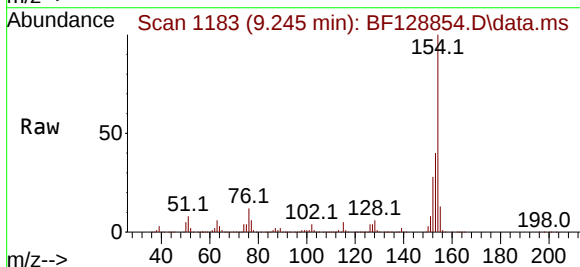
Tgt Ion:154 Resp: 607460

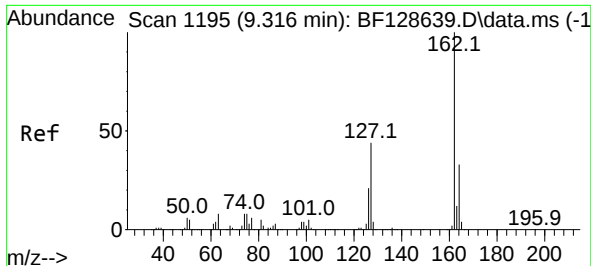
Ion Ratio Lower Upper

154 100

153 39.6 20.6 60.6

76 11.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 47.247 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

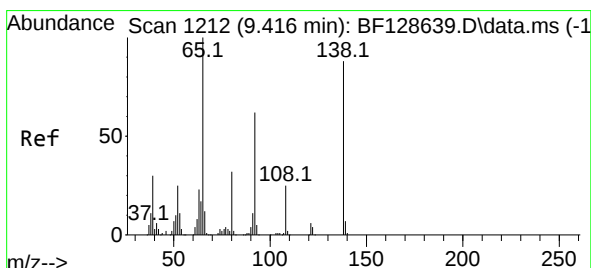
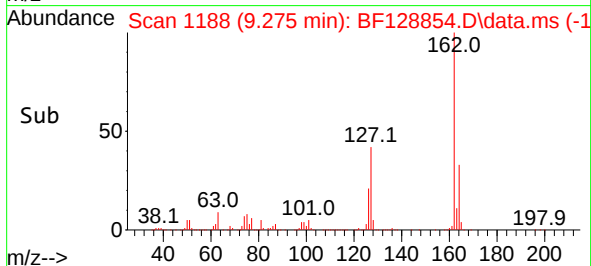
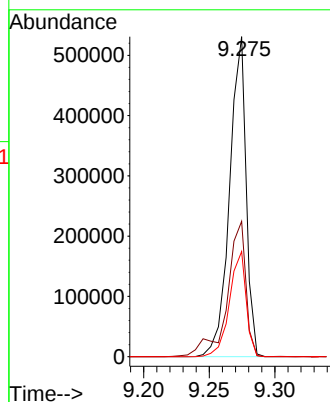
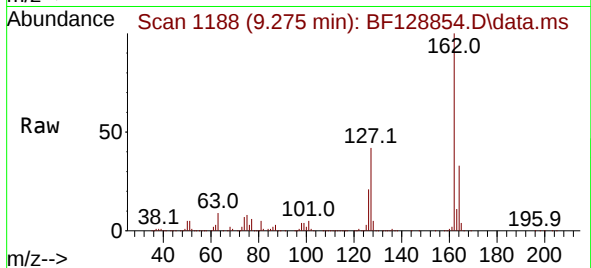
Tgt Ion:162 Resp: 466453

Ion Ratio Lower Upper

162 100

127 42.3 34.5 51.7

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 47.576 ng

RT: 9.375 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

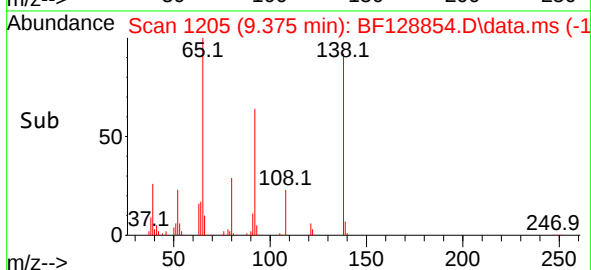
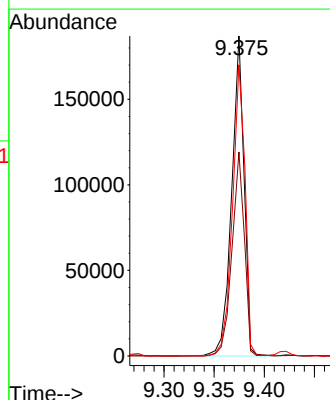
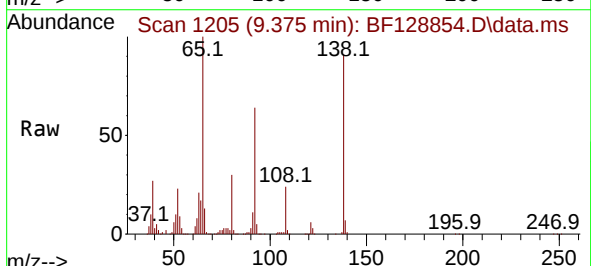
Tgt Ion: 65 Resp: 160615

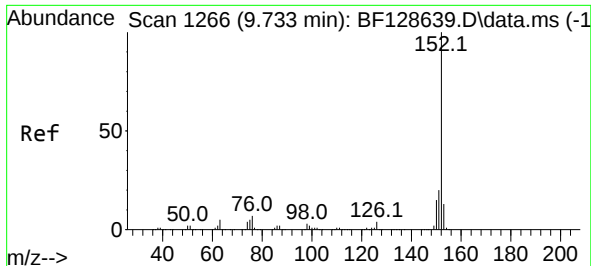
Ion Ratio Lower Upper

65 100

92 63.8 51.9 77.9

138 91.0 76.4 114.6





#49

Acenaphthylene

Concen: 49.458 ng

RT: 9.686 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

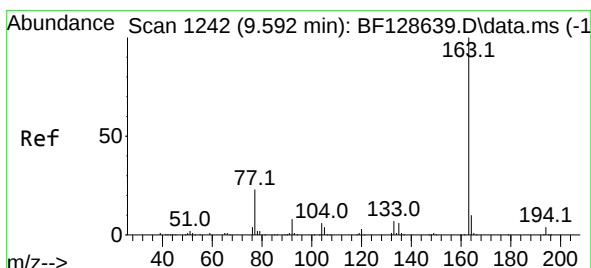
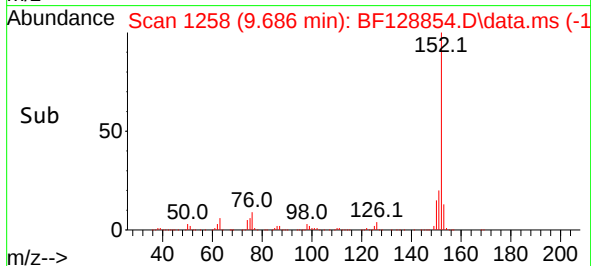
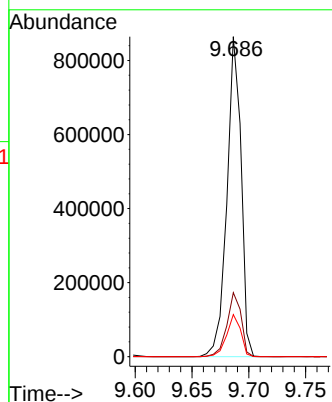
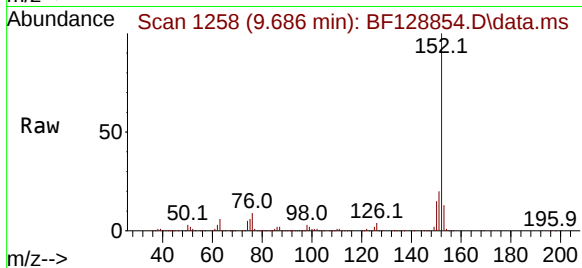
Tgt Ion:152 Resp: 747518

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 47.648 ng

RT: 9.551 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

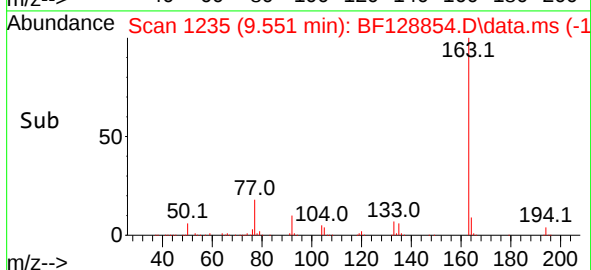
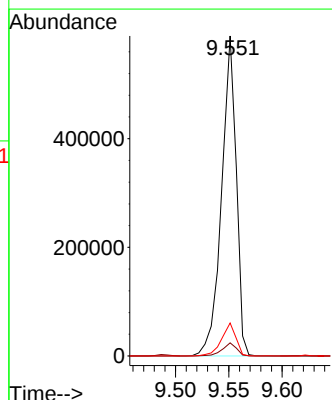
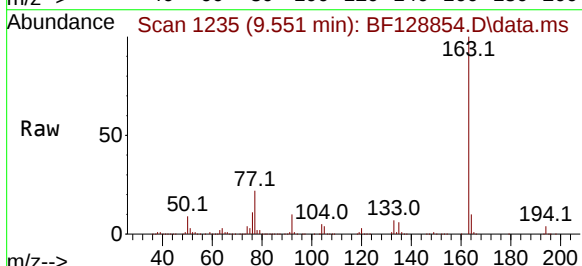
Tgt Ion:163 Resp: 562380

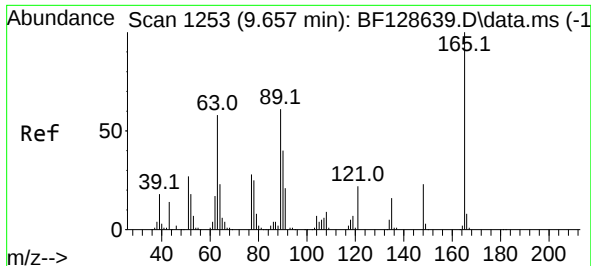
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.3 8.2 12.2

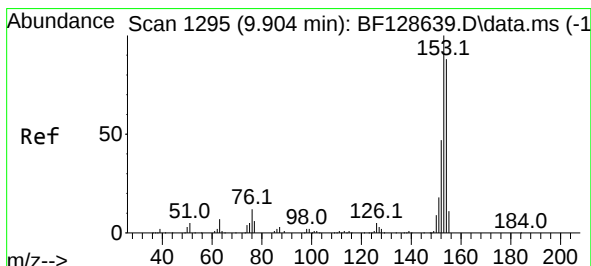
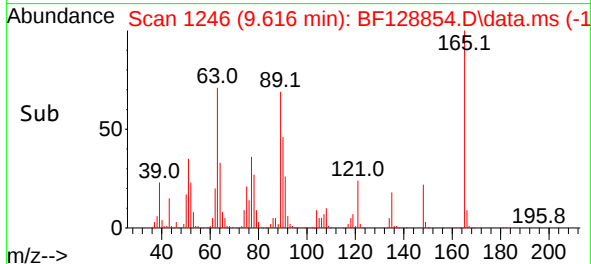
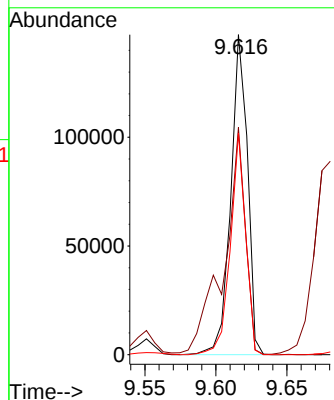
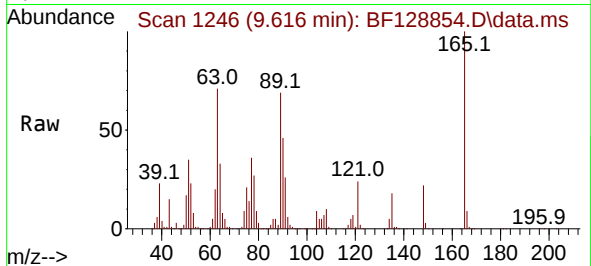




#51
2,6-Dinitrotoluene
Concen: 51.499 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

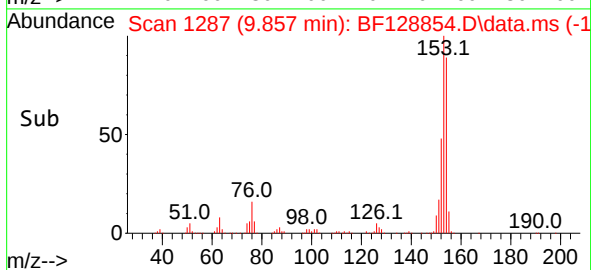
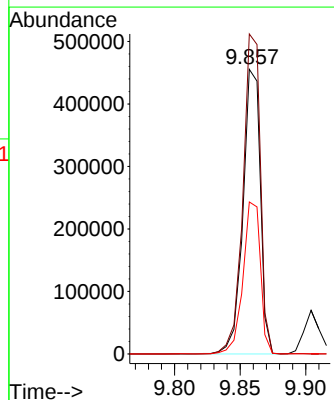
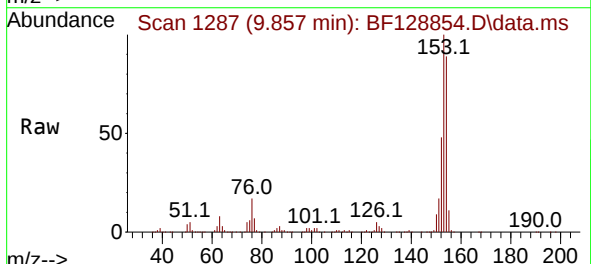
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

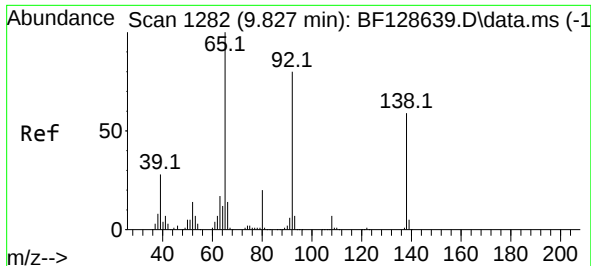
Tgt Ion:165 Resp: 119969
Ion Ratio Lower Upper
165 100
63 71.0 44.9 67.3#
89 69.2 43.6 65.4#



#52
Acenaphthene
Concen: 42.634 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:154 Resp: 419625
Ion Ratio Lower Upper
154 100
153 112.4 89.6 134.4
152 53.4 42.4 63.6

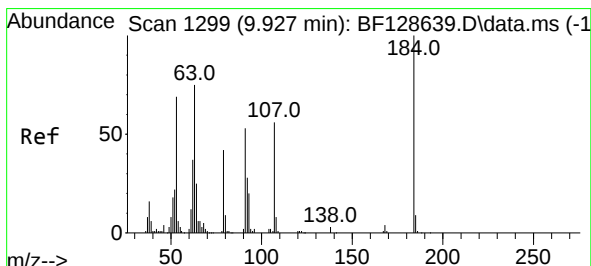
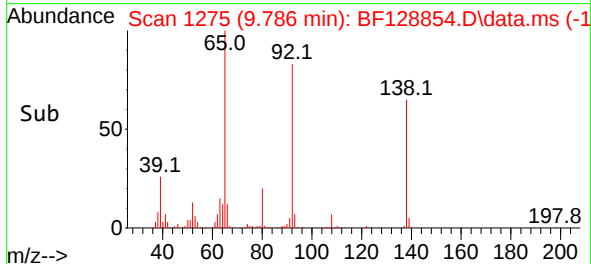
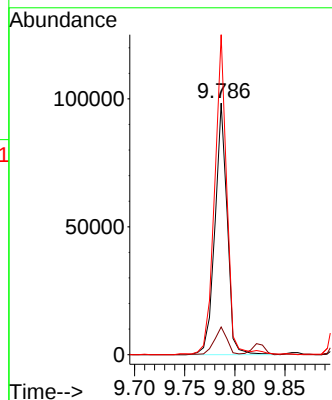
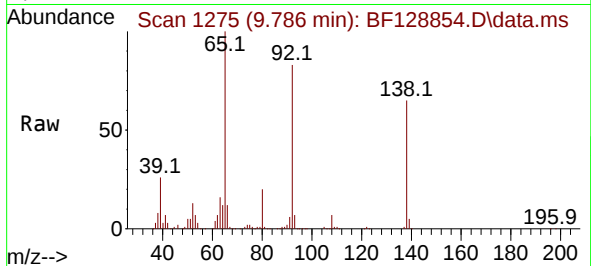




#53
3-Nitroaniline
Concen: 33.023 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

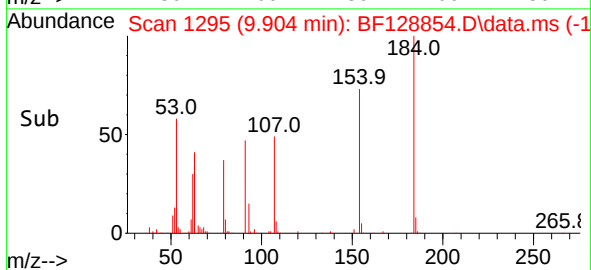
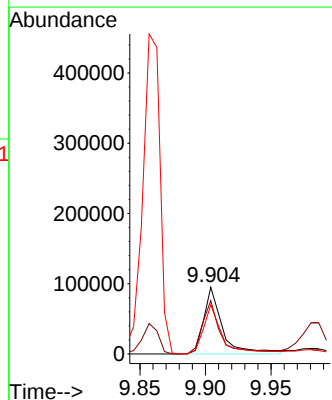
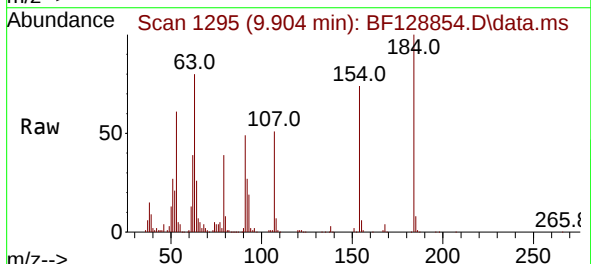
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

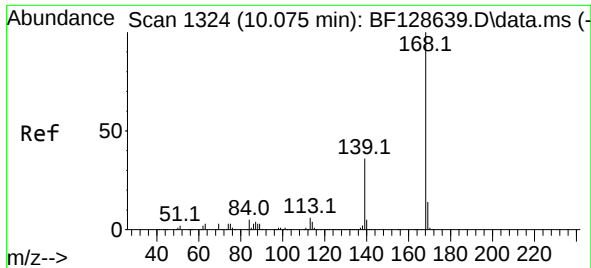
Tgt Ion:138 Resp: 83491
Ion Ratio Lower Upper
138 100
108 11.0 10.9 16.3
92 127.2 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 72.855 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:184 Resp: 94532
Ion Ratio Lower Upper
184 100
63 79.9 64.5 96.7
154 73.6 50.6 75.8

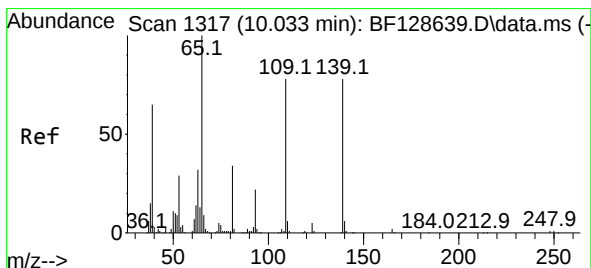
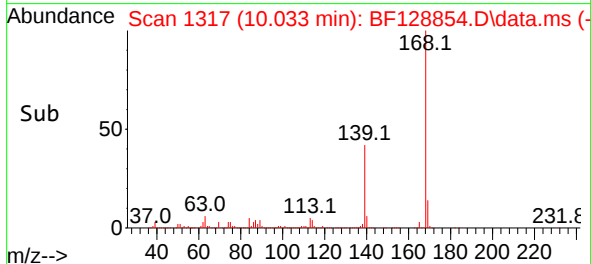
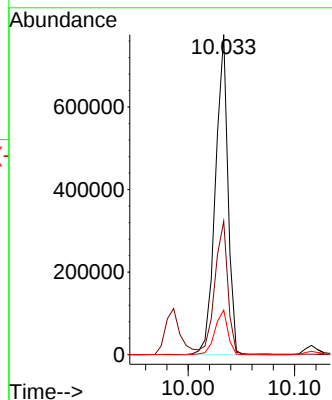
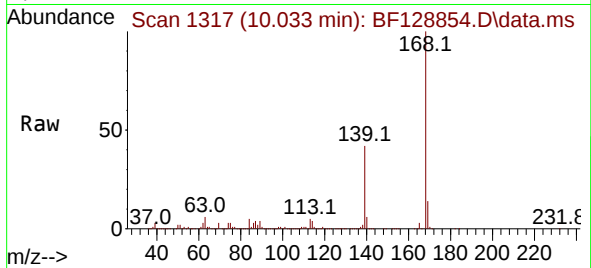




#55
Dibenzenofuran
Concen: 44.841 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

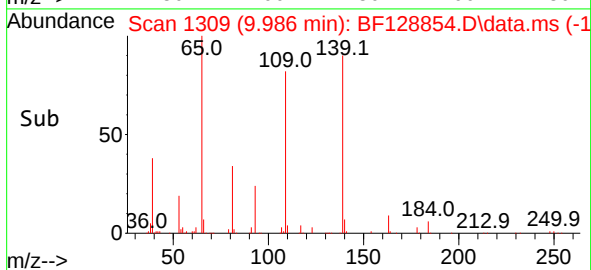
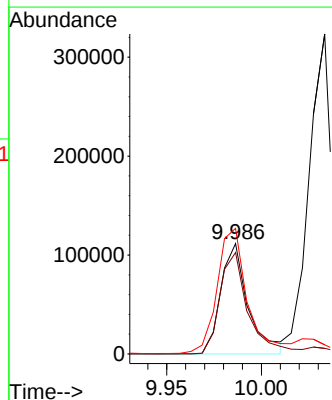
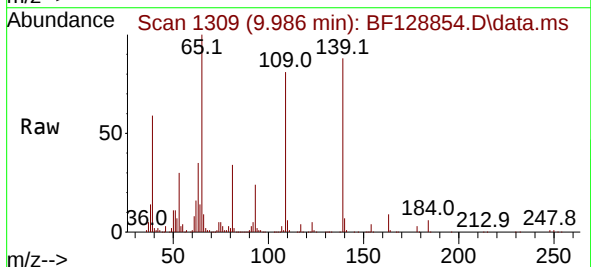
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

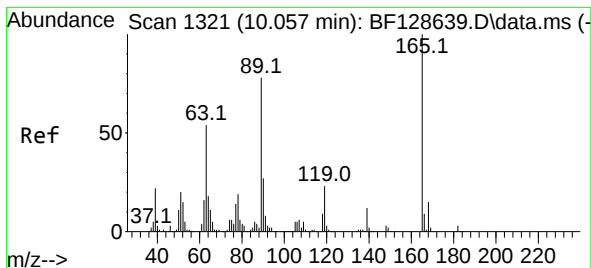
Tgt Ion:168 Resp: 634289
Ion Ratio Lower Upper
168 100
139 41.7 30.6 46.0
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 61.187 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:139 Resp: 112138
Ion Ratio Lower Upper
139 100
109 91.9 50.7 90.7#
65 113.7 74.5 114.5

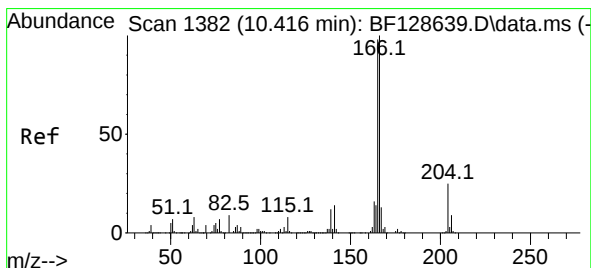
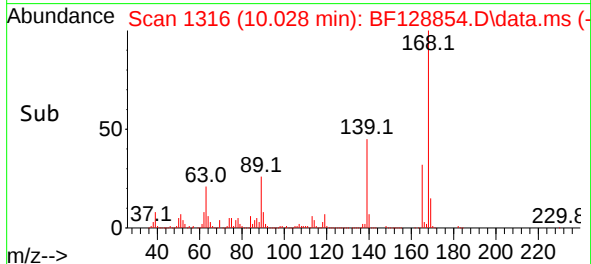
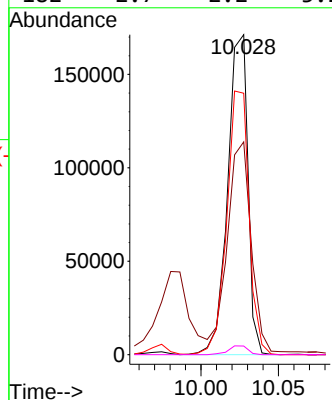
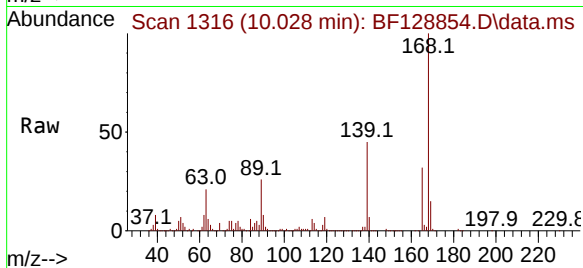




#57
2,4-Dinitrotoluene
Concen: 50.183 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

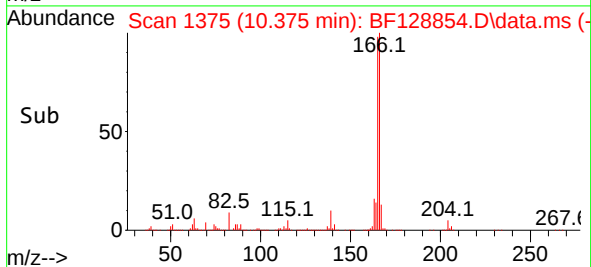
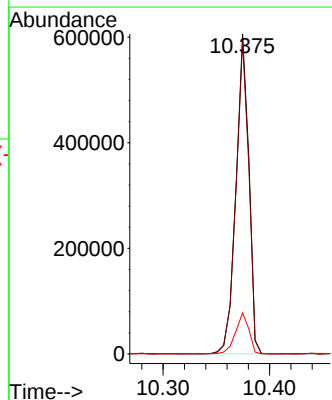
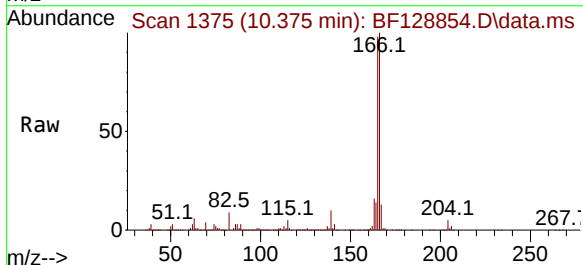
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

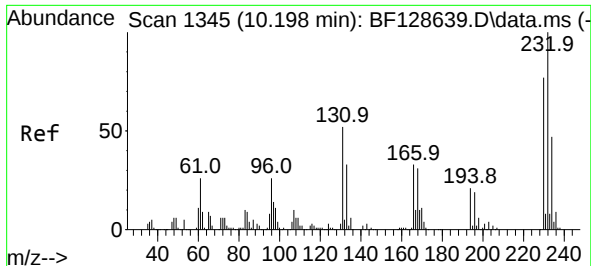
Tgt Ion:165 Resp: 156013
Ion Ratio Lower Upper
165 100
63 66.5 39.8 59.6#
89 81.7 60.2 90.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 46.563 ng
RT: 10.375 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:166 Resp: 510793
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 12.8 10.5 15.7

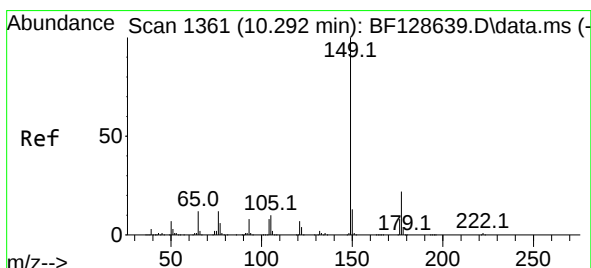
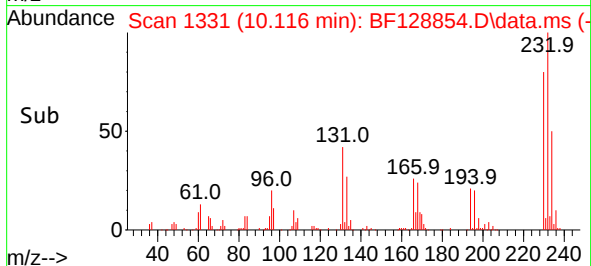
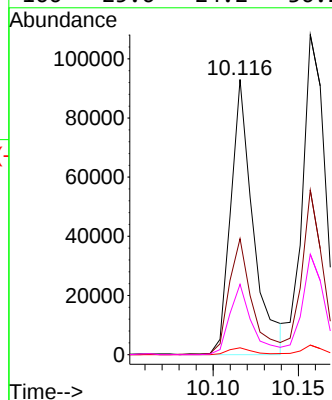
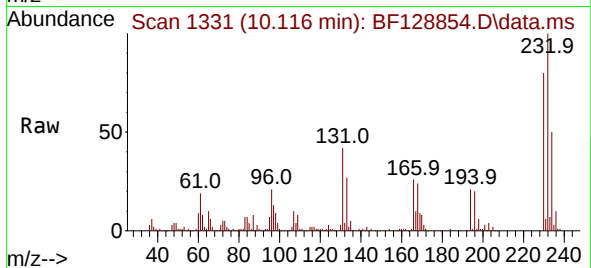




#59
2,3,4,6-Tetrachlorophenol
Concen: 27.666 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

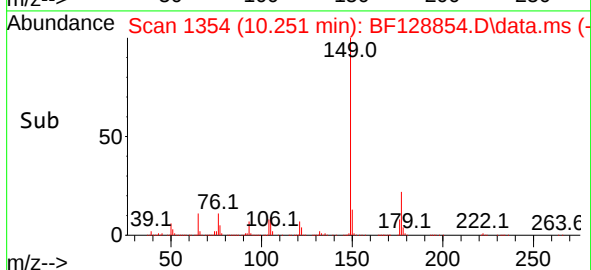
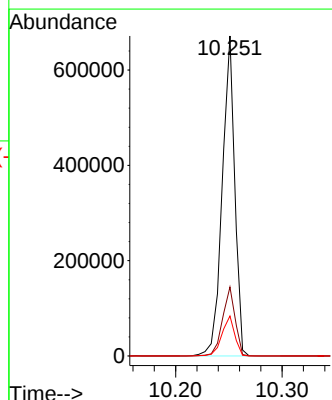
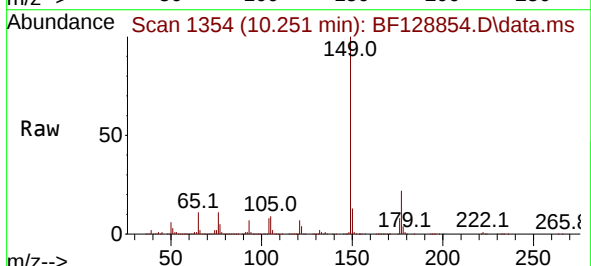
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

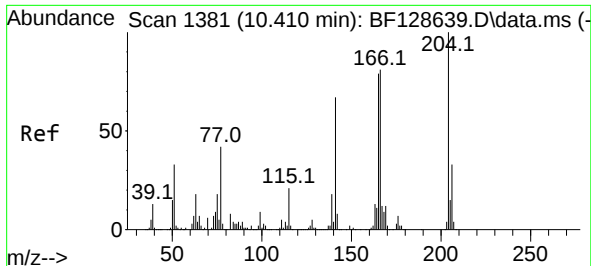
Tgt Ion:232 Resp: 85523
Ion Ratio Lower Upper
232 100
131 43.7 36.1 54.1
130 2.7 1.8 2.8
166 25.6 24.2 36.2



#60
Diethylphthalate
Concen: 46.188 ng
RT: 10.251 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:149 Resp: 547910
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.5 10.2 15.2

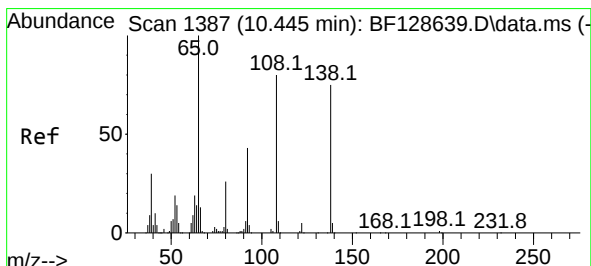
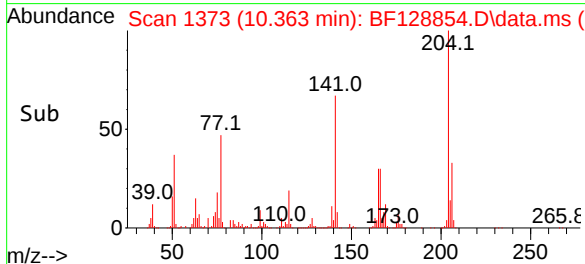
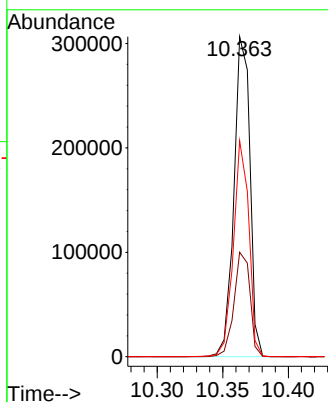
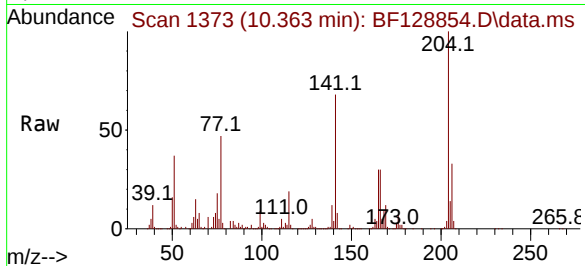




#61
4-Chlorophenyl-phenylether
Concen: 45.799 ng
RT: 10.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

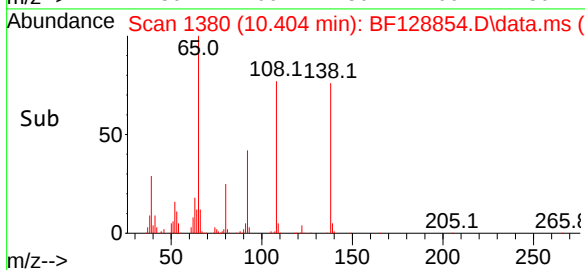
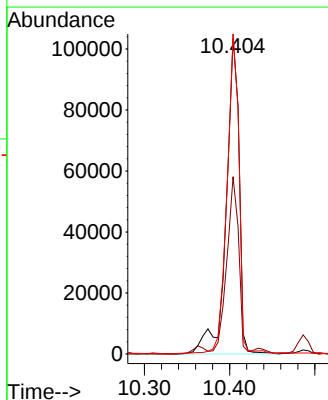
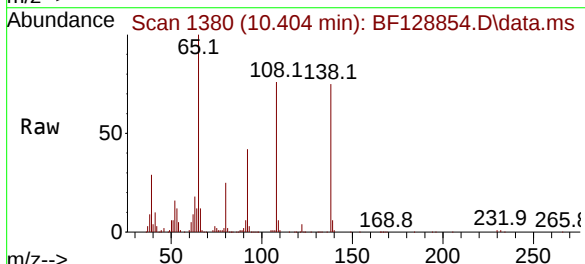
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

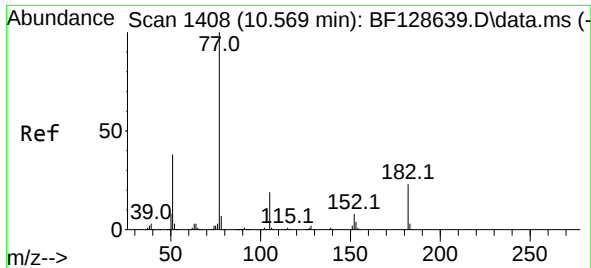
Tgt Ion:204 Resp: 260591
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 67.5 47.0 70.4



#62
4-Nitroaniline
Concen: 42.712 ng
RT: 10.404 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:138 Resp: 109338
Ion Ratio Lower Upper
138 100
92 56.1 33.5 73.5
108 101.3 61.0 101.0#

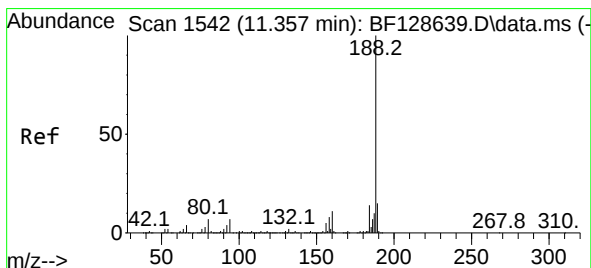
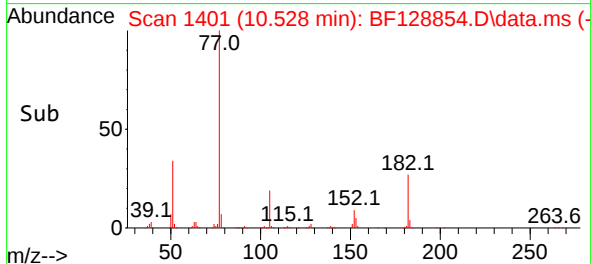
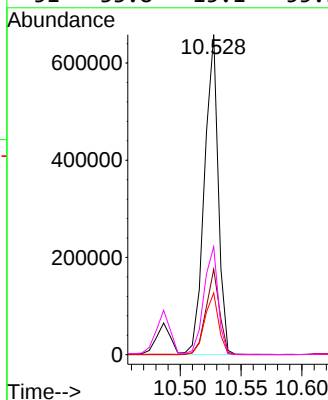
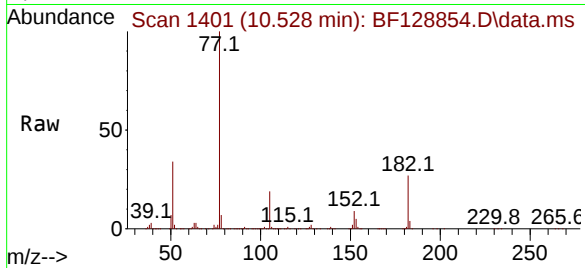




#63
Azobenzene
Concen: 44.182 ng
RT: 10.528 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

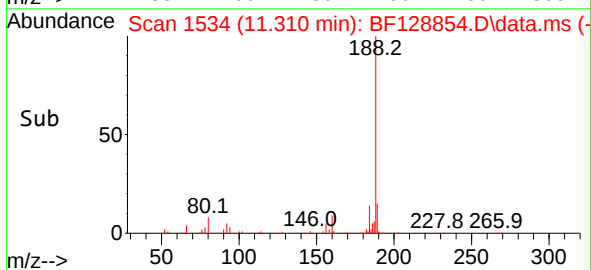
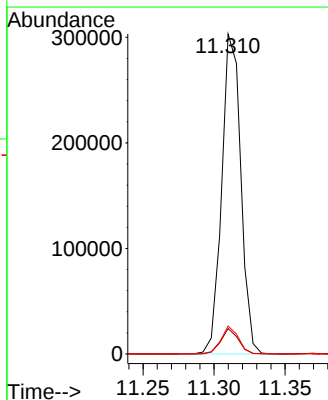
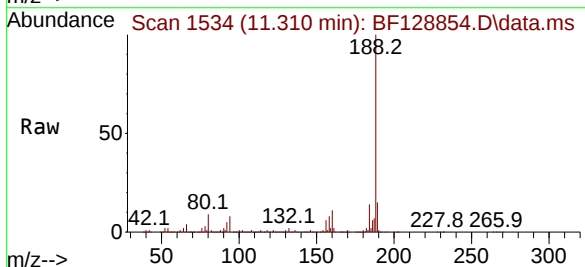
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

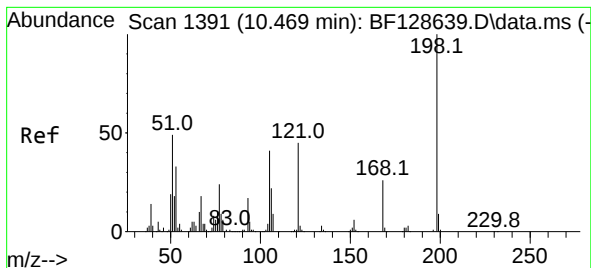
Tgt Ion: 77	Resp: 515966
Ion Ratio	Lower Upper
77 100	
182 26.7	5.6 45.6
105 19.3	1.6 41.6
51 33.8	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion: 188	Resp: 282863
Ion Ratio	Lower Upper
188 100	
94 7.9	7.0 10.6
80 8.7	7.6 11.4

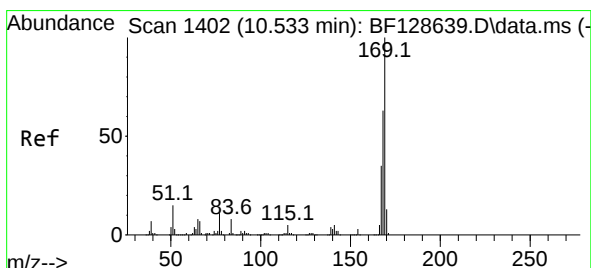
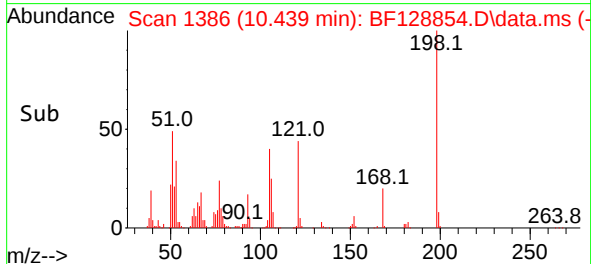
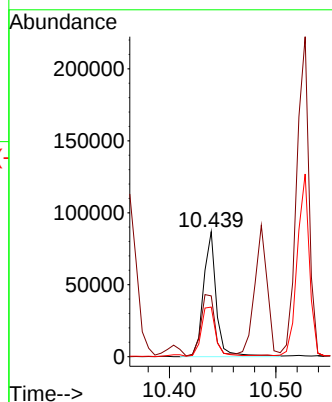
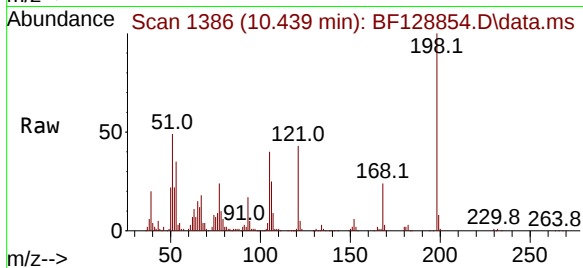




#65
4,6-Dinitro-2-methylphenol
Concen: 43.813 ng
RT: 10.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

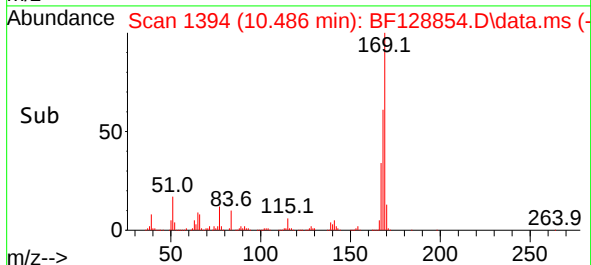
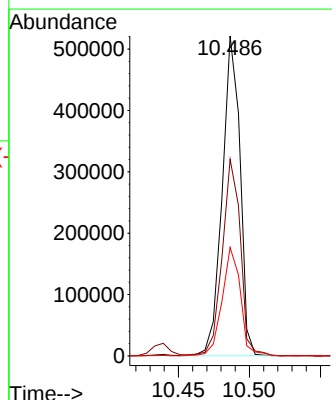
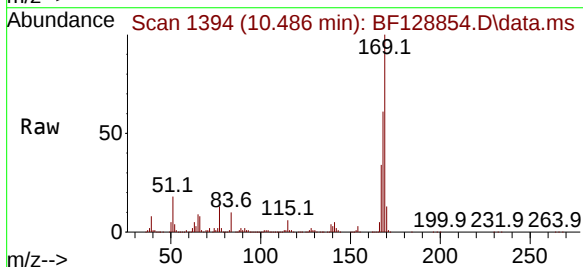
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

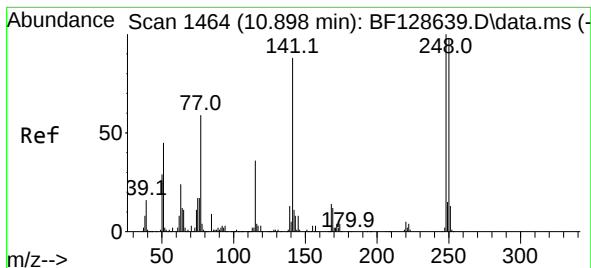
Tgt Ion:198 Resp: 73137
Ion Ratio Lower Upper
198 100
51 48.6 37.6 77.6
105 39.7 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 51.966 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:169 Resp: 451806
Ion Ratio Lower Upper
169 100
168 61.4 50.1 75.1
167 33.9 27.9 41.9

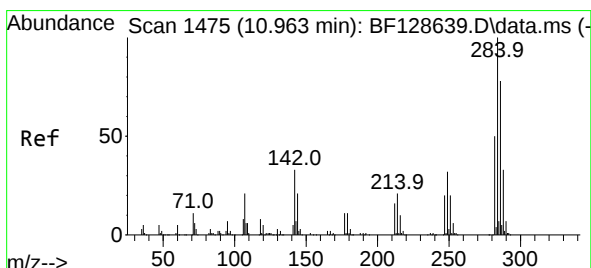
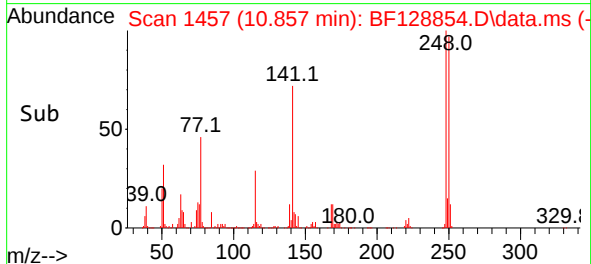
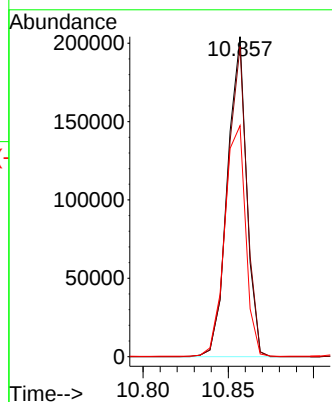
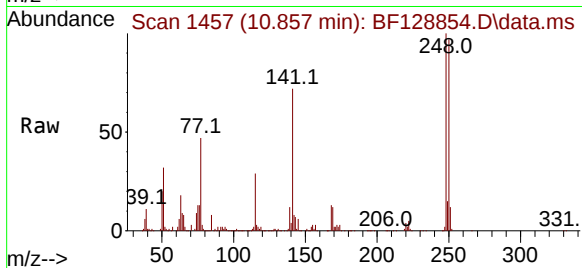




#67
4-Bromophenyl-phenylether
Concen: 50.639 ng
RT: 10.857 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

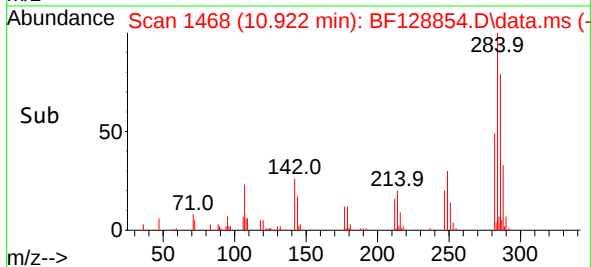
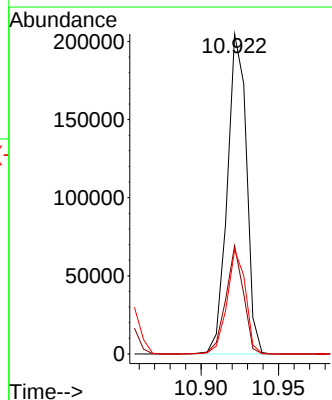
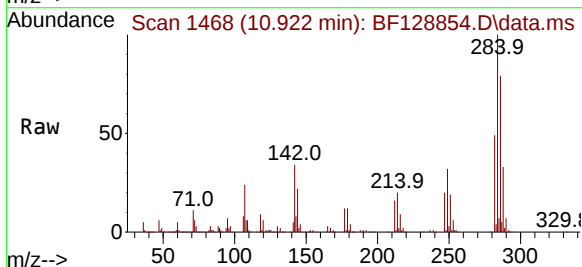
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

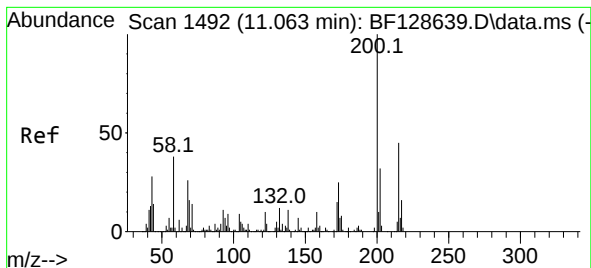
Tgt Ion:248 Resp: 159737
Ion Ratio Lower Upper
248 100
250 97.0 80.6 120.8
141 72.2 58.9 88.3



#68
Hexachlorobenzene
Concen: 50.264 ng
RT: 10.922 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:284 Resp: 176087
Ion Ratio Lower Upper
284 100
142 33.8 29.0 43.4
249 32.5 25.0 37.6





#69

Atrazine

Concen: 52.404 ng

RT: 11.016 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

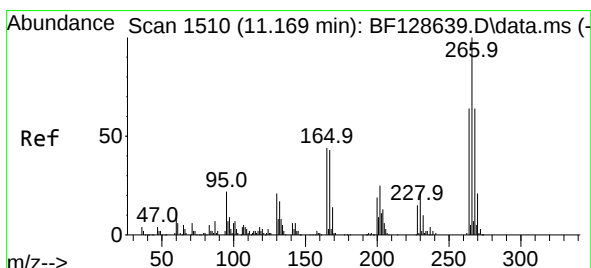
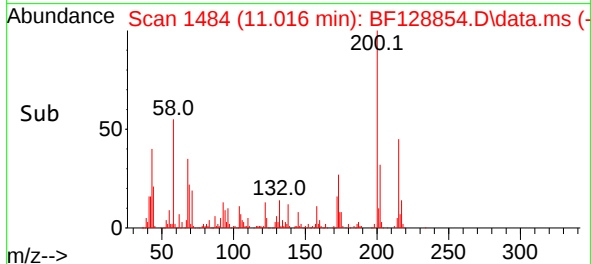
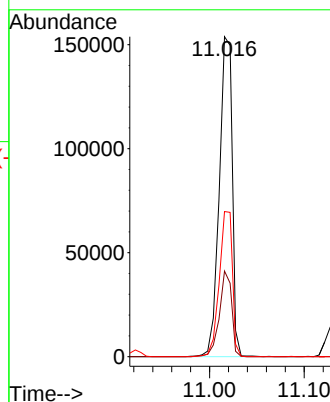
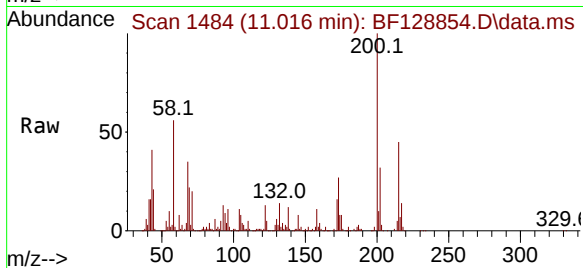
Tgt Ion:200 Resp: 146517

Ion Ratio Lower Upper

200 100

173 26.7 6.3 46.3

215 45.3 28.3 68.3



#70

Pentachlorophenol

Concen: 49.756 ng

RT: 11.127 min Scan# 1503

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

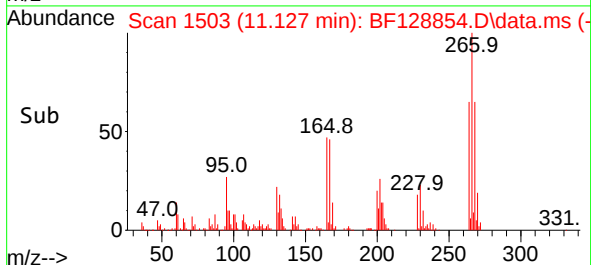
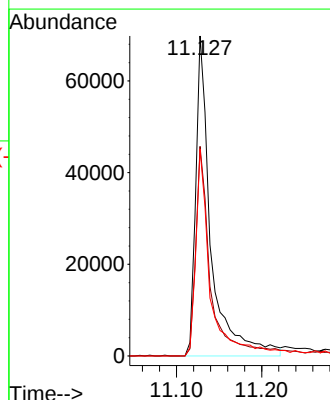
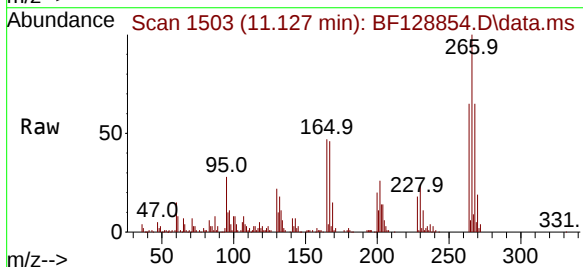
Tgt Ion:266 Resp: 87009

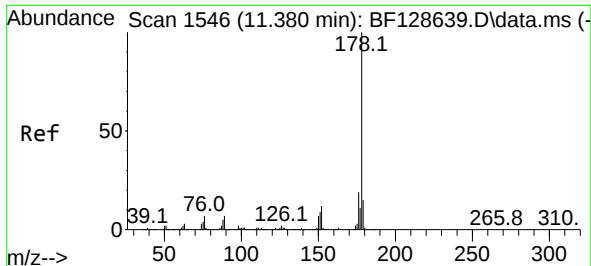
Ion Ratio Lower Upper

266 100

268 65.5 51.0 76.4

264 64.7 49.4 74.2

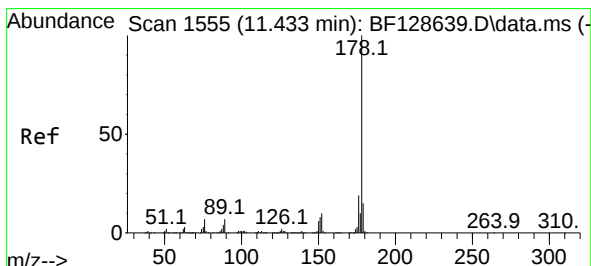
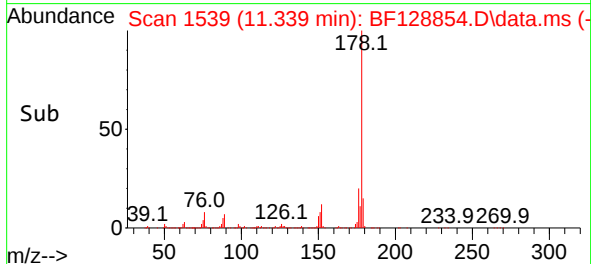
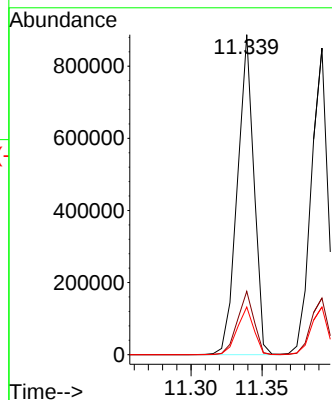
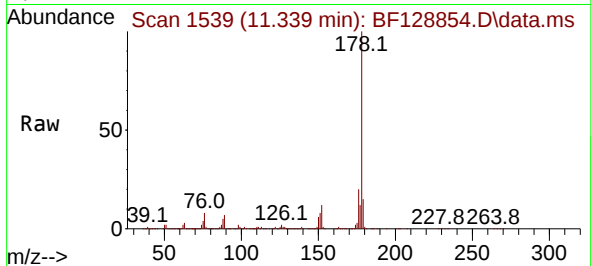




#71
Phenanthrene
Concen: 50.741 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

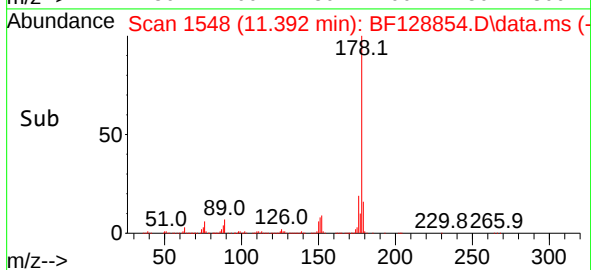
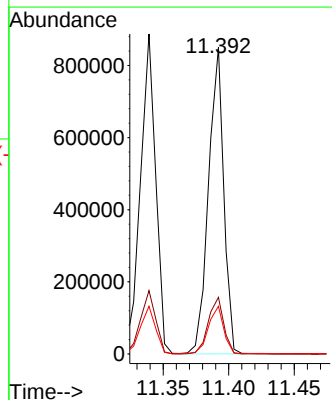
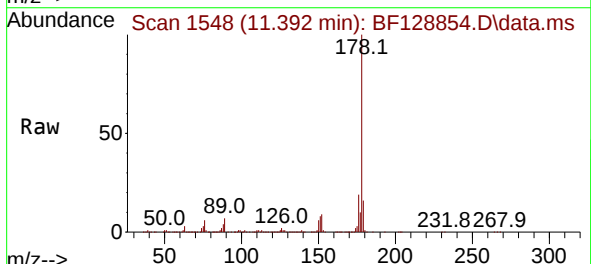
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

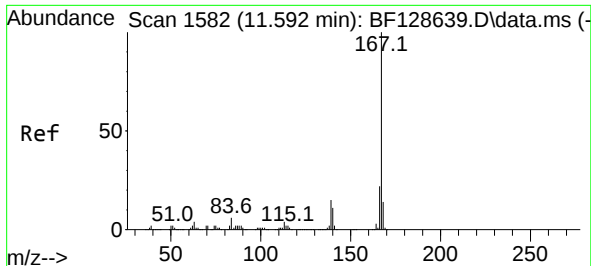
Tgt Ion:178 Resp: 719902
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 14.9 12.6 19.0



#72
Anthracene
Concen: 49.052 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:178 Resp: 688836
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.6 12.6 19.0

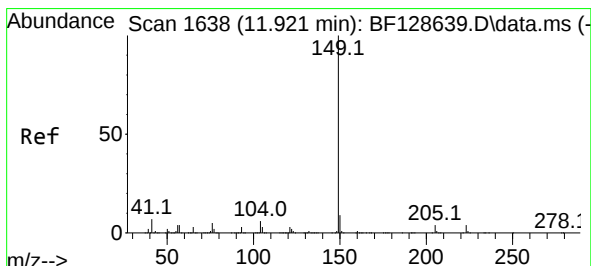
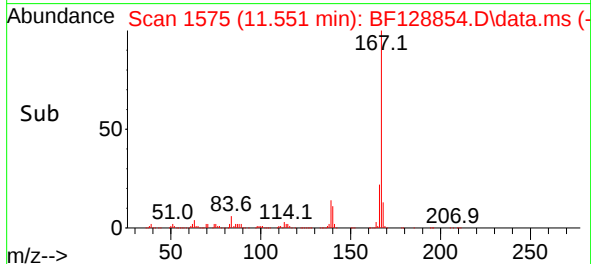
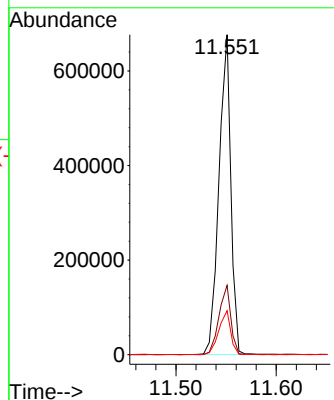
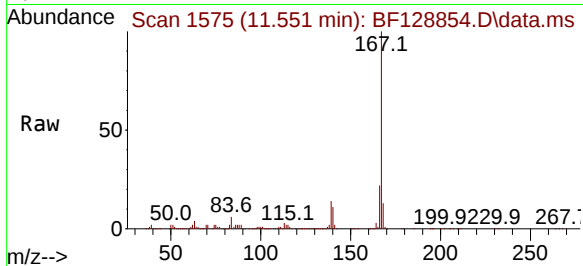




#73
Carbazole
Concen: 42.541 ng
RT: 11.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

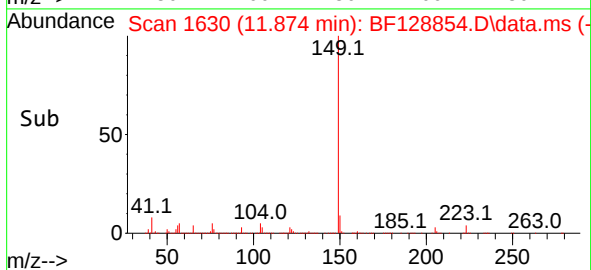
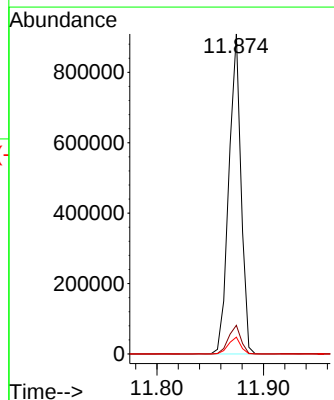
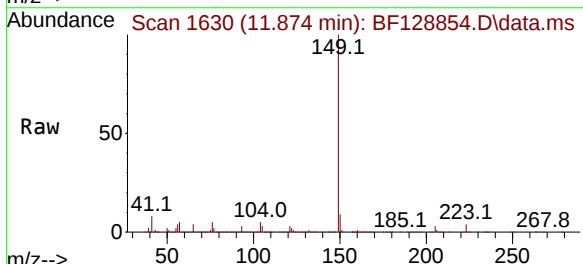
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

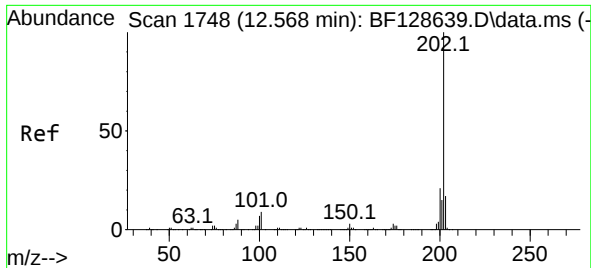
Tgt Ion:167 Resp: 554864
Ion Ratio Lower Upper
167 100
166 21.6 17.7 26.5
139 13.8 11.2 16.8



#74
Di-n-butylphthalate
Concen: 45.259 ng
RT: 11.874 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:149 Resp: 718739
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 5.2 4.4 6.6

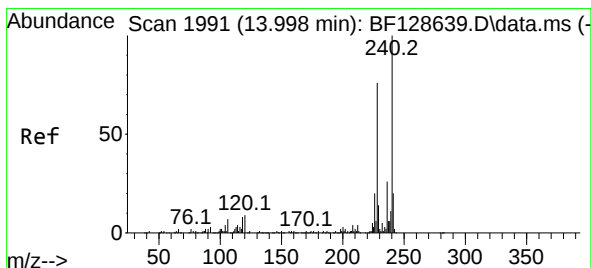
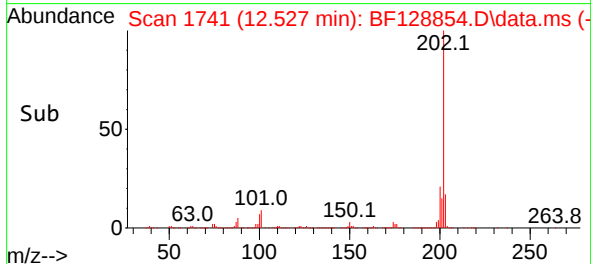
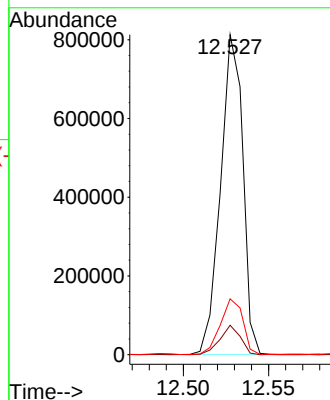
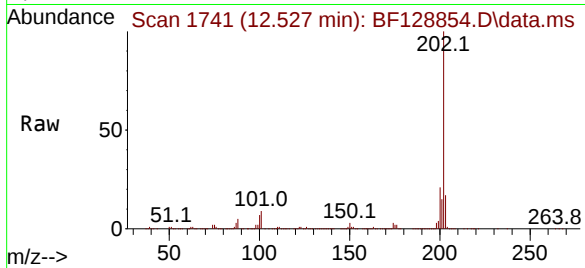




#75
Fluoranthene
Concen: 49.843 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

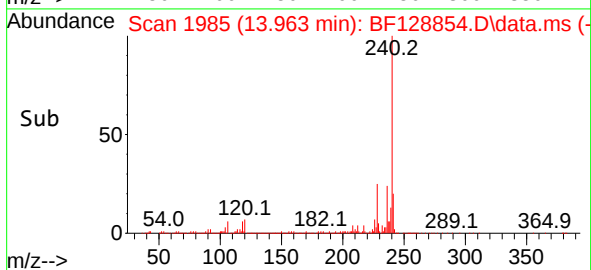
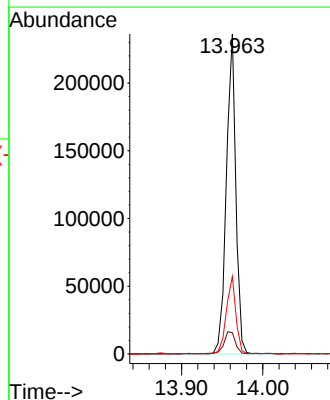
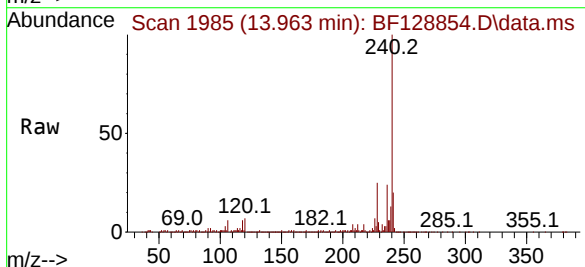
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

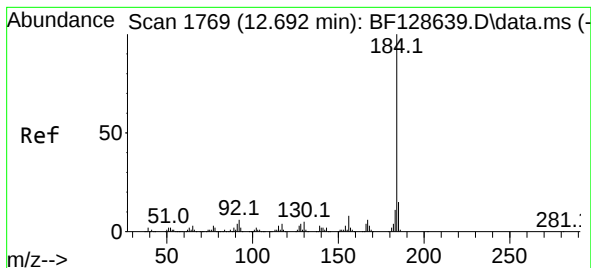
Tgt Ion:202 Resp: 739192
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.4
203 17.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:240 Resp: 193373
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 24.2 20.8 31.2





#77

Benzidine

Concen: 62.607 ng

RT: 12.651 min Scan# 1762

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

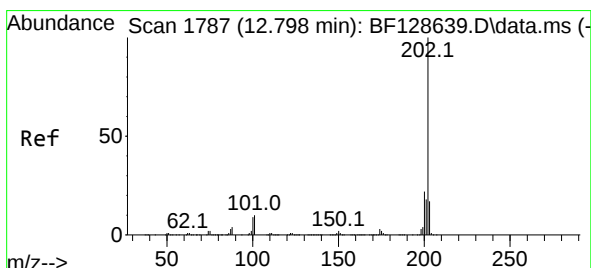
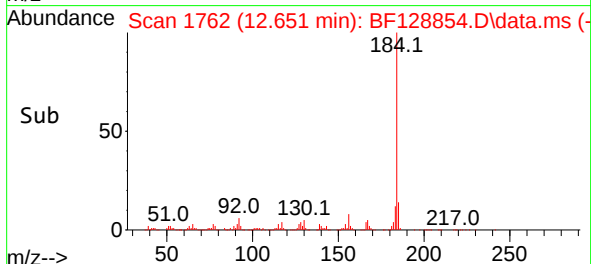
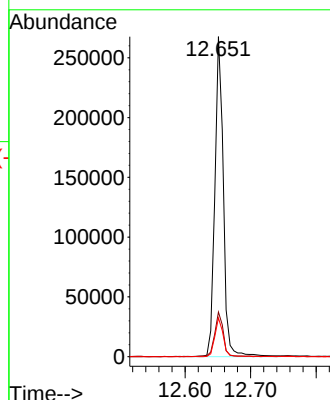
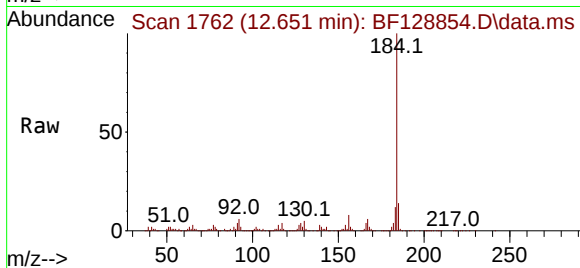
Tgt Ion:184 Resp: 241335

Ion Ratio Lower Upper

184 100

185 14.0 11.9 17.9

183 12.1 9.3 13.9



#78

Pyrene

Concen: 50.225 ng

RT: 12.757 min Scan# 1780

Delta R.T. -0.000 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

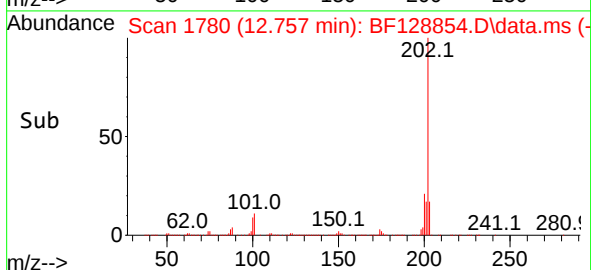
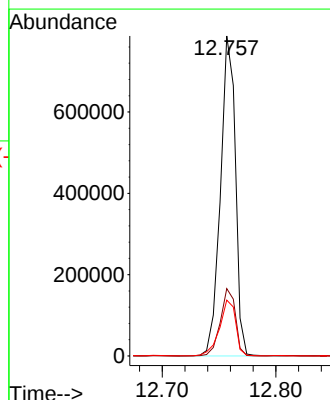
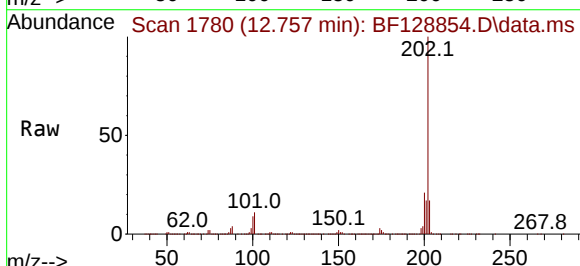
Tgt Ion:202 Resp: 722575

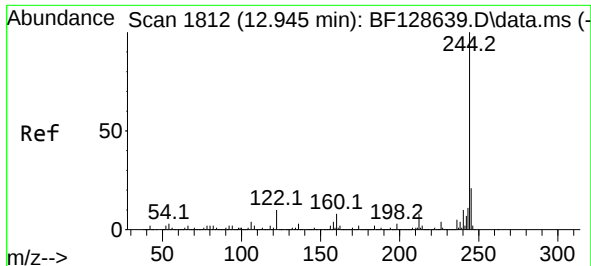
Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

203 17.5 14.6 21.8

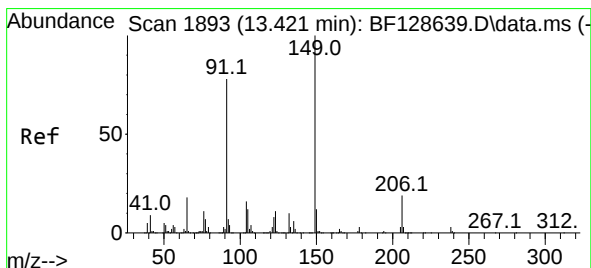
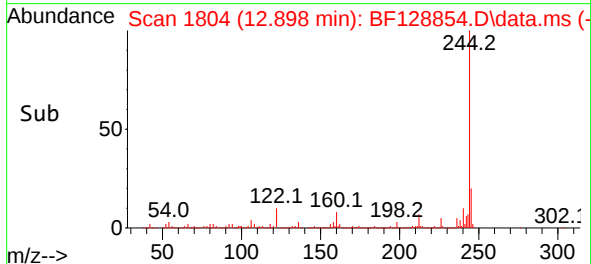
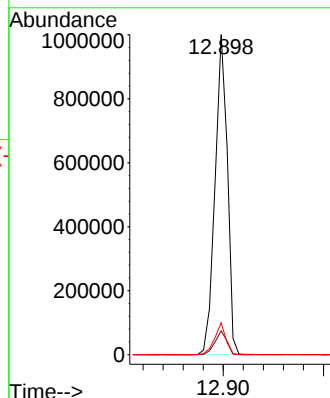
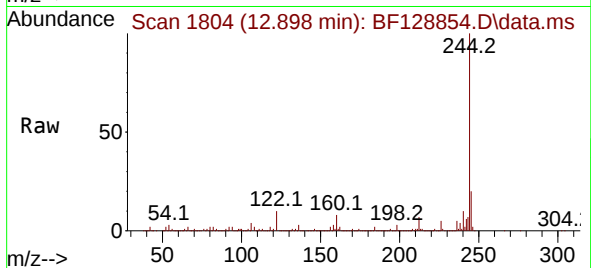




#79
 Terphenyl-d14
 Concen: 76.711 ng
 RT: 12.898 min Scan# 1804
 Delta R.T. -0.006 min
 Lab File: BF128854.D
 Acq: 17 Jun 2022 15:09

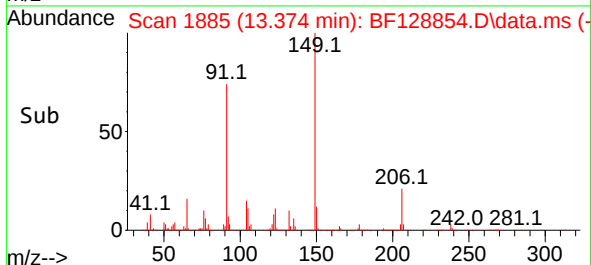
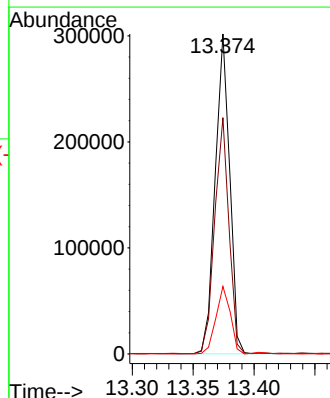
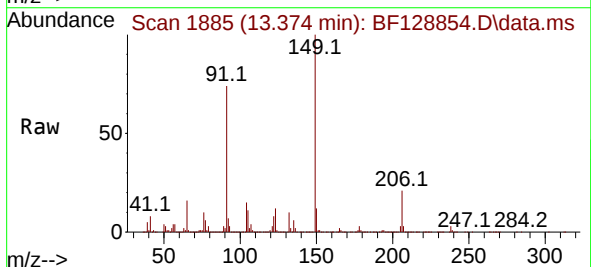
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211MSD

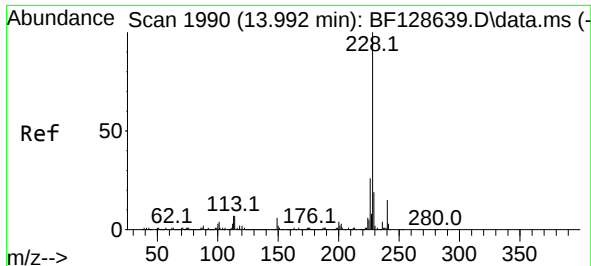
Tgt Ion:244 Resp: 853682
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 10.0 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 41.204 ng
 RT: 13.374 min Scan# 1885
 Delta R.T. -0.006 min
 Lab File: BF128854.D
 Acq: 17 Jun 2022 15:09

Tgt Ion:149 Resp: 248942
 Ion Ratio Lower Upper
 149 100
 91 73.8 61.2 91.8
 206 21.1 15.7 23.5

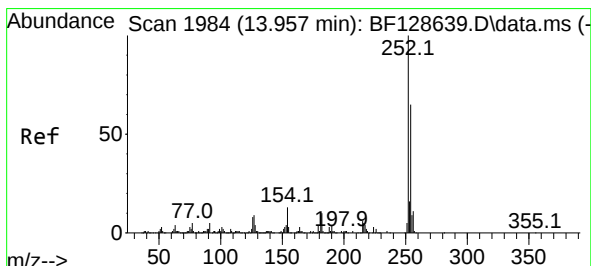
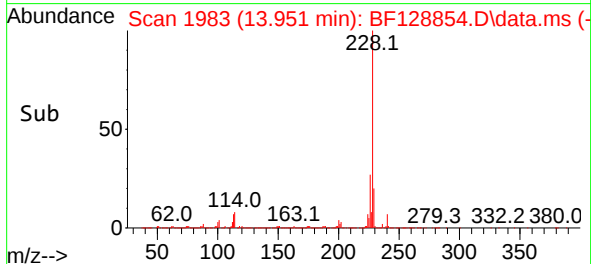
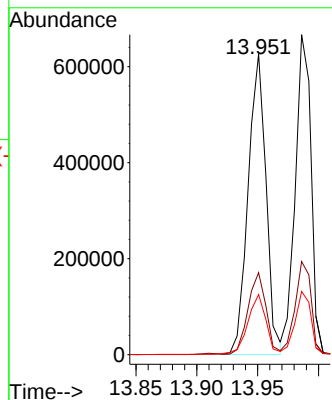
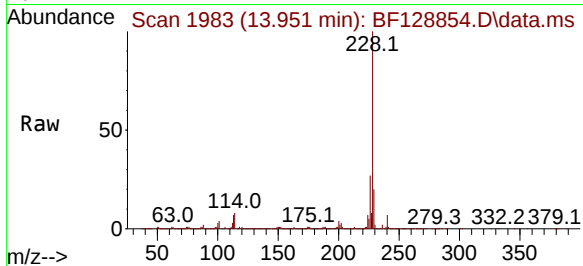




#81
Benzo(a)anthracene
Concen: 53.229 ng
RT: 13.951 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

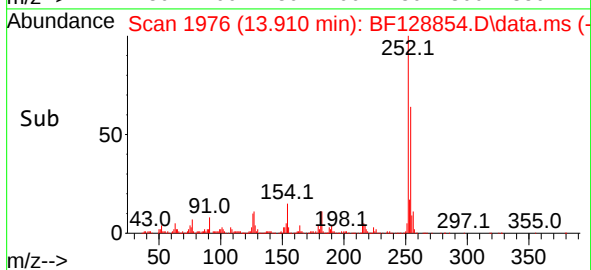
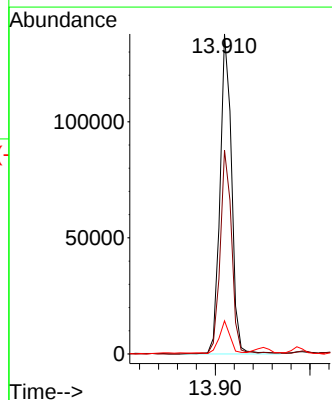
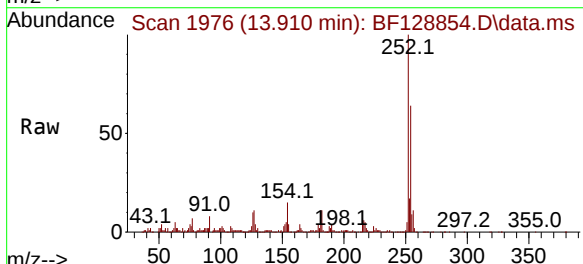
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

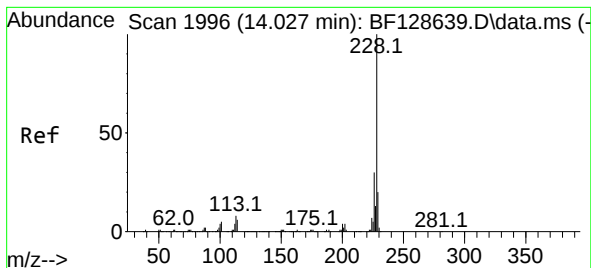
Tgt Ion:228 Resp: 641597
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 45.546 ng
RT: 13.910 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:252 Resp: 117452
Ion Ratio Lower Upper
252 100
254 63.7 50.2 75.4
126 10.3 8.2 12.4





#83

Chrysene

Concen: 52.096 ng

RT: 13.986 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

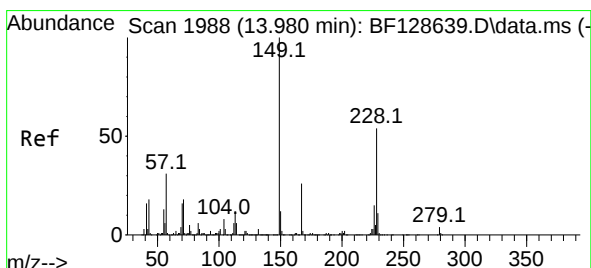
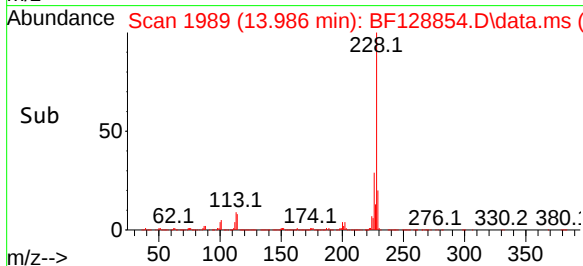
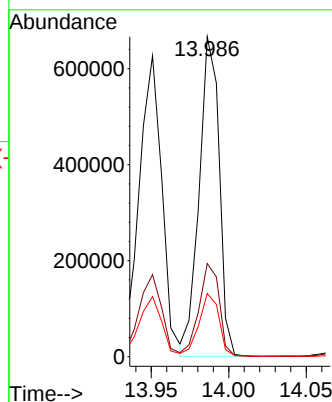
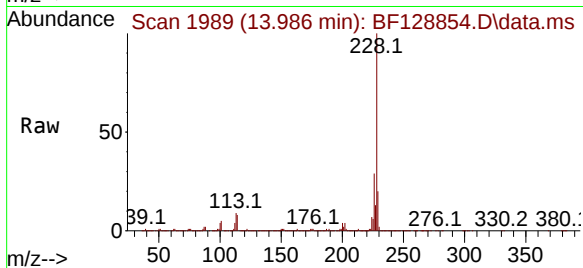
Tgt Ion:228 Resp: 598662

Ion Ratio Lower Upper

228 100

226 29.1 24.3 36.5

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.548 ng

RT: 13.933 min Scan# 1980

Delta R.T. -0.006 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

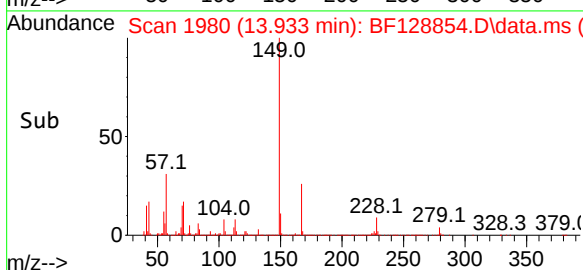
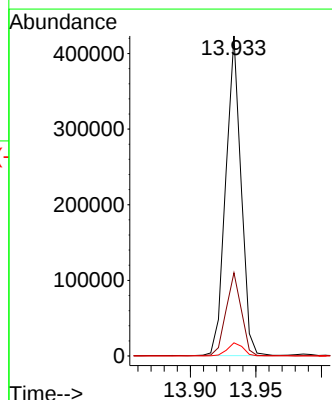
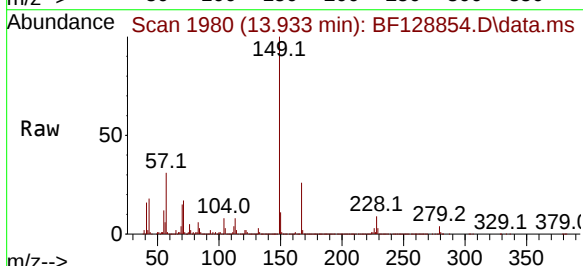
Tgt Ion:149 Resp: 342051

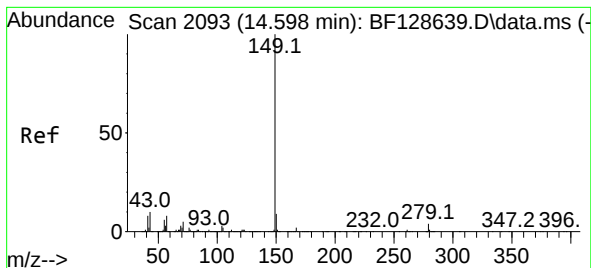
Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 50.133 ng

RT: 14.545 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

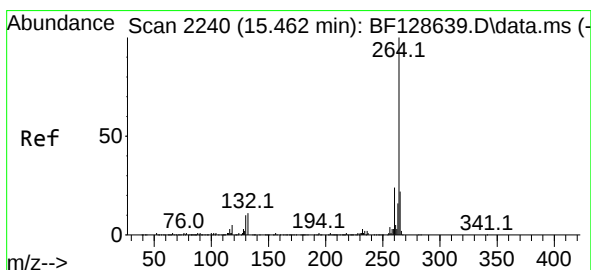
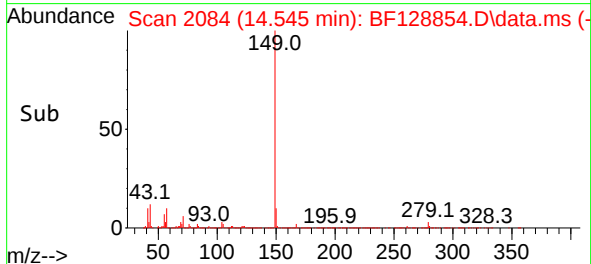
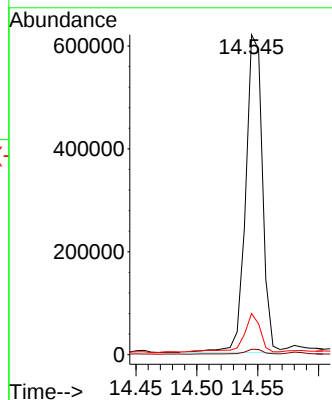
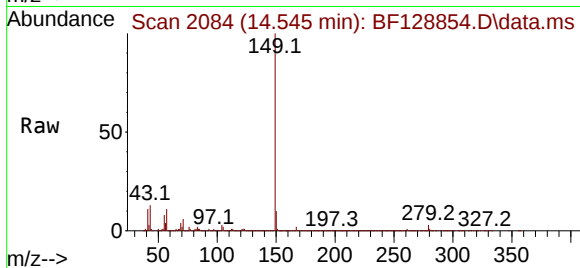
Tgt Ion:149 Resp: 593077

Ion Ratio Lower Upper

149 100

167 2.0 1.3 1.9#

43 13.2 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: BF128854.D

Acq: 17 Jun 2022 15:09

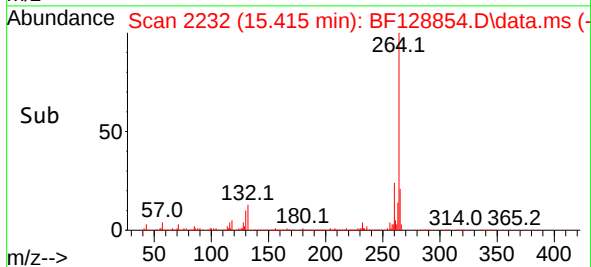
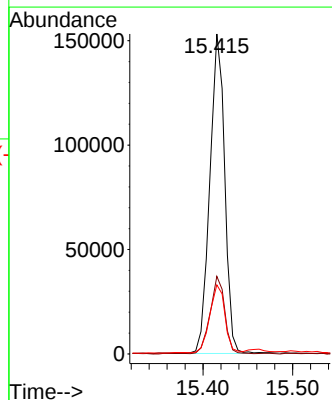
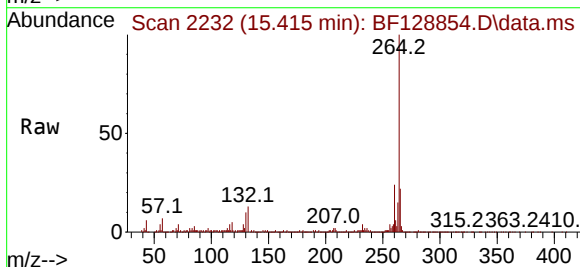
Tgt Ion:264 Resp: 175934

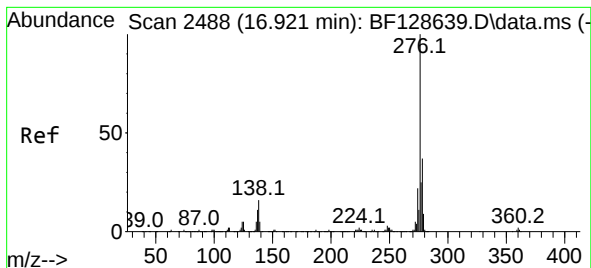
Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 21.6 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.318 ng

RT: 16.874 min Scan# 2488

Delta R.T. 0.012 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

Instrument :

BNA_F

ClientSampleId :

VNJ-211MSD

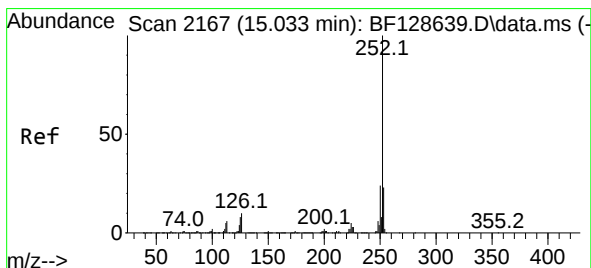
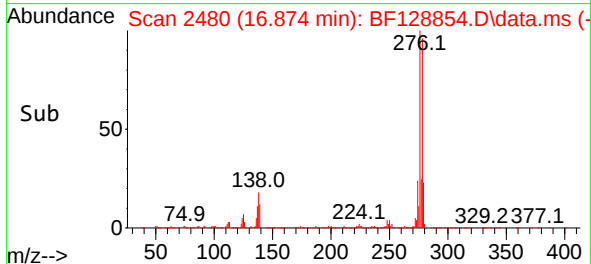
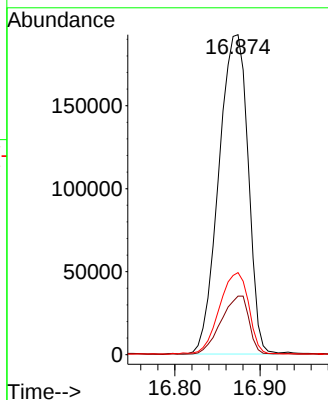
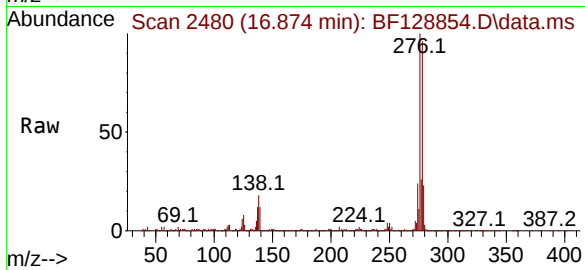
Tgt Ion:276 Resp: 459345

Ion Ratio Lower Upper

276 100

138 17.3 21.1 31.7#

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 54.938 ng

RT: 14.998 min Scan# 2161

Delta R.T. 0.006 min

Lab File: BF128854.D

Acq: 17 Jun 2022 15:09

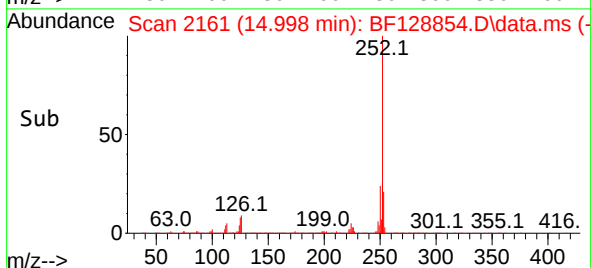
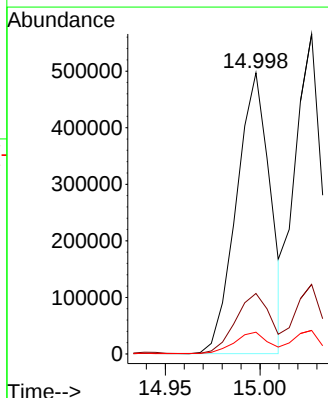
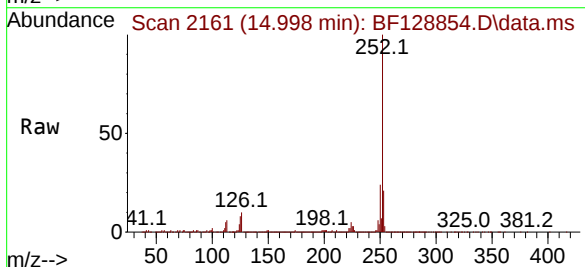
Tgt Ion:252 Resp: 617610

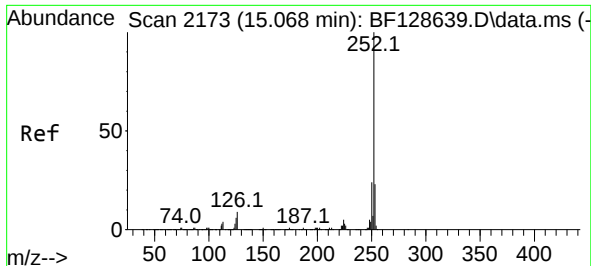
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 7.7 8.0 12.0#

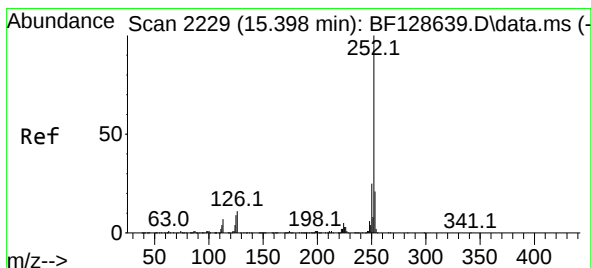
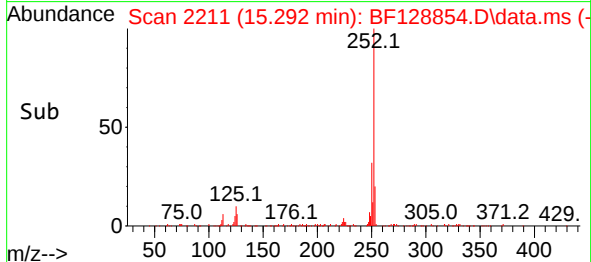
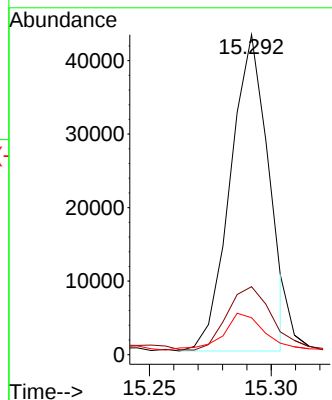
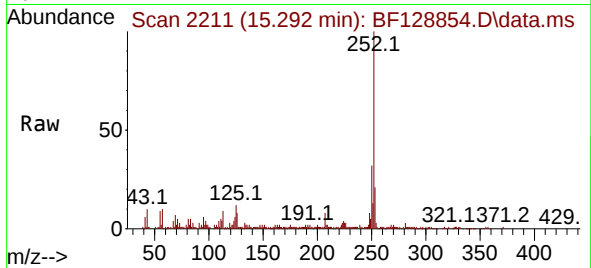




#89
Benzo(k)fluoranthene
Concen: 4.443 ng
RT: 15.292 min Scan# 2173
Delta R.T. 0.265 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

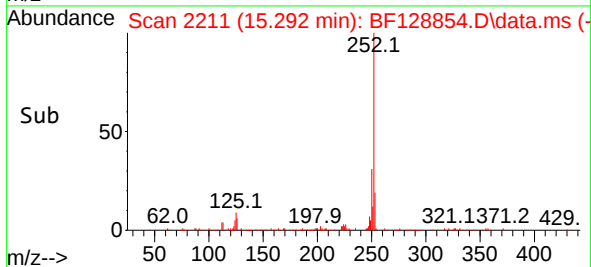
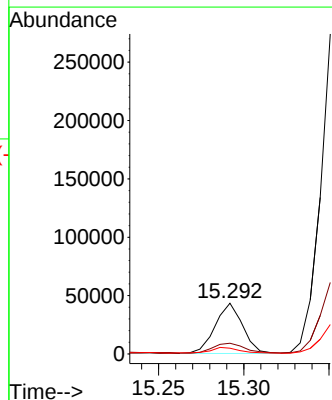
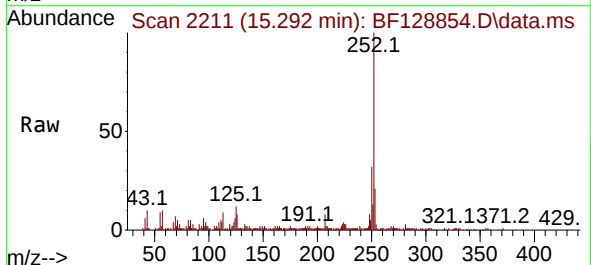
Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

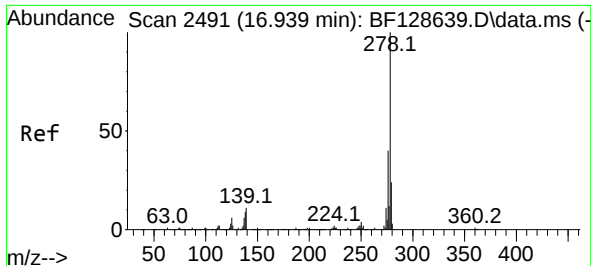
Tgt Ion:252 Resp: 46986
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.6
125 11.5 8.3 12.5



#90
Benzo(a)pyrene
Concen: 5.441 ng
RT: 15.292 min Scan# 2211
Delta R.T. -0.065 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:252 Resp: 48075
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 11.5 8.8 13.2

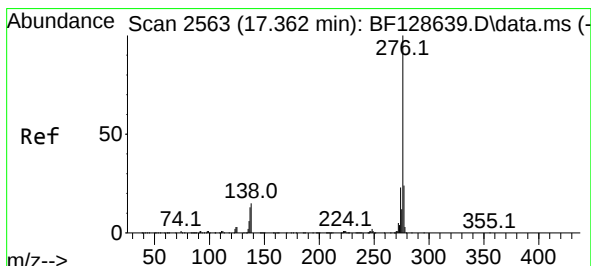
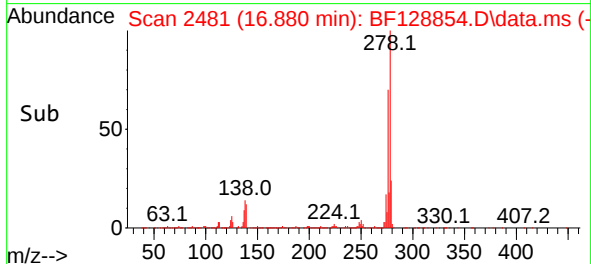
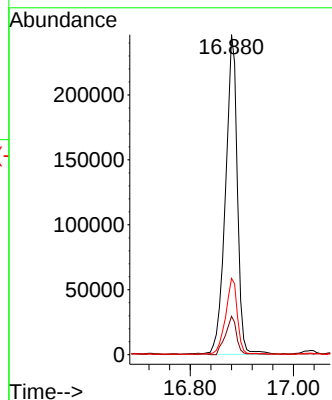
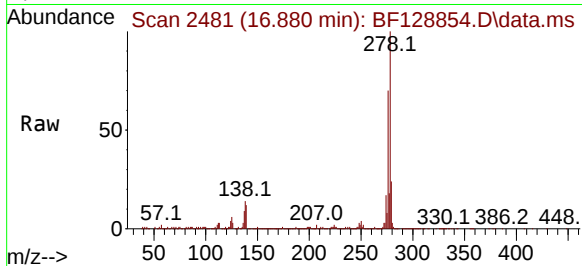




#91
Dibenzo(a,h)anthracene
Concen: 44.460 ng
RT: 16.880 min Scan# 2491
Delta R.T. 0.006 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Instrument :
BNA_F
ClientSampleId :
VNJ-211MSD

Tgt Ion:278 Resp: 391059
Ion Ratio Lower Upper
278 100
139 12.0 12.8 19.2#
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.120 ng
RT: 17.309 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BF128854.D
Acq: 17 Jun 2022 15:09

Tgt Ion:276 Resp: 375891
Ion Ratio Lower Upper
276 100
277 22.3 19.1 28.7
138 14.5 18.0 27.0#

