

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
 Data File : BF132635.D
 Acq On : 03 Mar 2023 18:38
 Operator : CG\JU
 Sample : 01770-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

Quant Time: Mar 04 02:19:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	161135	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	526085	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	230901	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	396128	20.000	ng	0.00
76) Chrysene-d12	14.210	240	360370	20.000	ng	# 0.00
86) Perylene-d12	15.762	264	357732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1120886	112.897	ng	0.00
7) Phenol-d6	6.628	99	1373123	105.972	ng	0.00
23) Nitrobenzene-d5	7.569	82	872137	78.653	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	267467	107.260	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1230483	81.143	ng	0.00
79) Terphenyl-d14	13.133	244	1307440	61.341	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.928	88	255080	46.446	ng	97
3) Pyridine	3.687	79	654630	44.906	ng	94
4) n-Nitrosodimethylamine	3.651	42	248462	45.122	ng	88
6) Aniline	6.663	93	525555	30.139	ng	96
8) 2-Chlorophenol	6.787	128	498572	48.384	ng	97
9) Benzaldehyde	6.551	77	264845	37.879	ng	100
10) Phenol	6.645	94	645678	43.464	ng	92
11) bis(2-Chloroethyl)ether	6.734	93	556210	48.501	ng	95
12) 1,3-Dichlorobenzene	6.945	146	549556	49.698	ng	96
13) 1,4-Dichlorobenzene	7.022	146	547439	49.580	ng	98
14) 1,2-Dichlorobenzene	7.169	146	521020	49.168	ng	100
15) Benzyl Alcohol	7.139	79	441116	44.204	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.275	45	663373	45.361	ng	100
17) 2-Methylphenol	7.251	107	398853	41.474	ng	95
18) Hexachloroethane	7.516	117	203730	47.229	ng	95
19) n-Nitroso-di-n-propyla...	7.410	70	314341	39.418	ng	94
20) 3+4-Methylphenols	7.404	107	456882	36.773	ng	95
22) Acetophenone	7.410	105	625418	47.146	ng	# 88
24) Nitrobenzene	7.586	77	544117	45.882	ng	99
25) Isophorone	7.822	82	949157	44.647	ng	99
26) 2-Nitrophenol	7.904	139	253946	48.534	ng	89
27) 2,4-Dimethylphenol	7.933	122	393710	47.675	ng	99
28) bis(2-Chloroethoxy)met...	8.028	93	585495	47.080	ng	99
29) 2,4-Dichlorophenol	8.145	162	371301	45.199	ng	99
30) 1,2,4-Trichlorobenzene	8.228	180	437687	49.067	ng	97
31) Naphthalene	8.310	128	1275187	47.348	ng	99
32) Benzoic acid	8.039	122	240510	37.841	ng	93
33) 4-Chloroaniline	8.357	127	209457	18.149	ng	# 92
34) Hexachlorobutadiene	8.422	225	277444	48.946	ng	99
35) Caprolactam	8.722	113	103371	38.169	ng	98
36) 4-Chloro-3-methylphenol	8.833	107	362475	40.178	ng	98
37) 2-Methylnaphthalene	9.004	142	790552	43.072	ng	100
38) 1-Methylnaphthalene	9.104	142	720219	41.989	ng	100
40) 1,2,4,5-Tetrachloroben...	9.169	216	403028	53.349	ng	99
41) Hexachlorocyclopentadiene	9.151	237	176551	43.087	ng	99
43) 2,4,6-Trichlorophenol	9.280	196	252685	49.356	ng	100

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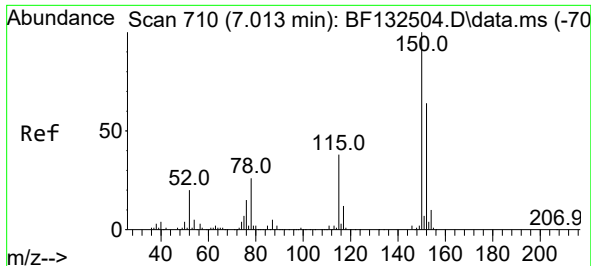
Quant Time: Mar 04 02:19:47 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.322	196	257264	43.054	ng	95
46) 1,1'-Biphenyl	9.463	154	899590	51.474	ng	99
47) 2-Chloronaphthalene	9.492	162	706520	50.990	ng	99
48) 2-Nitroaniline	9.586	65	221718	43.446	ng	94
49) Acenaphthylene	9.910	152	1082715	49.097	ng	100
50) Dimethylphthalate	9.763	163	818576	48.689	ng	100
51) 2,6-Dinitrotoluene	9.827	165	178929	46.732	ng	92
52) Acenaphthene	10.086	154	714183	51.002	ng	99
53) 3-Nitroaniline	9.998	138	149567	34.920	ng	96
54) 2,4-Dinitrophenol	10.110	184	83985	35.850	ng	90
55) Dibenzofuran	10.257	168	1000276	48.999	ng	98
56) 4-Nitrophenol	10.163	139	272319	85.255	ng	91
57) 2,4-Dinitrotoluene	10.233	165	225337	44.237	ng	97
58) Fluorene	10.604	166	783924	50.204	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.374	232	200673	45.210	ng	97
60) Diethylphthalate	10.463	149	753457	45.887	ng	100
61) 4-Chlorophenyl-phenyle...	10.586	204	362870	44.796	ng	98
62) 4-Nitroaniline	10.616	138	147240	35.021	ng	91
63) Azobenzene	10.751	77	755610	43.451	ng	97
65) 4,6-Dinitro-2-methylph...	10.645	198	60968	22.736	ng	95
66) n-Nitrosodiphenylamine	10.710	169	614154	49.731	ng	100
67) 4-Bromophenyl-phenylether	11.080	248	216744	48.371	ng	99
68) Hexachlorobenzene	11.151	284	238115	50.503	ng	# 94
69) Atrazine	11.233	200	197354	51.189	ng	100
70) Pentachlorophenol	11.351	266	263785	94.035	ng	98
71) Phenanthrene	11.574	178	1550854	75.573	ng	99
72) Anthracene	11.621	178	1148551	54.350	ng	99
73) Carbazole	11.780	167	979007	51.384	ng	99
74) Di-n-butylphthalate	12.098	149	1098261	49.141	ng	99
75) Fluoranthene	12.774	202	1917862	85.489	ng	98
77) Benzidine	12.892	184	633504	72.215	ng	99
78) Pyrene	13.004	202	1870251	57.083	ng	100
80) Butylbenzylphthalate	13.610	149	550274	42.560	ng	98
81) Benzo(a)anthracene	14.204	228	1647625	61.105	ng	95
82) 3,3'-Dichlorobenzidine	14.157	252	404570	50.893	ng	99
83) Chrysene	14.239	228	1560804	61.901	ng	99
84) Bis(2-ethylhexyl)phtha...	14.168	149	737072	46.406	ng	98
85) Di-n-octyl phthalate	14.798	149	1390726	59.919	ng	98
87) Indeno(1,2,3-cd)pyrene	17.374	276	1082134	46.166	ng	100
88) Benzo(b)fluoranthene	15.304	252	1755163	73.213	ng	98
89) Benzo(k)fluoranthene	15.333	252	1195300	50.945	ng	98
90) Benzo(a)pyrene	15.704	252	1279533	57.027	ng	99
91) Dibenzo(a,h)anthracene	17.386	278	804919	42.146	ng	97
92) Benzo(g,h,i)perylene	17.862	276	861780	40.200	ng	99

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

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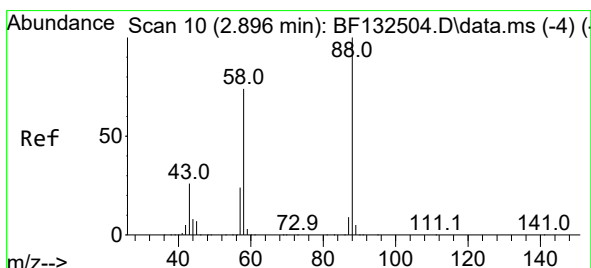
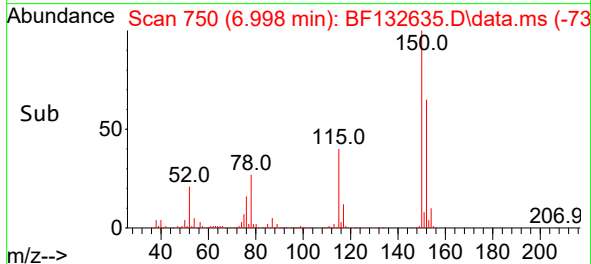
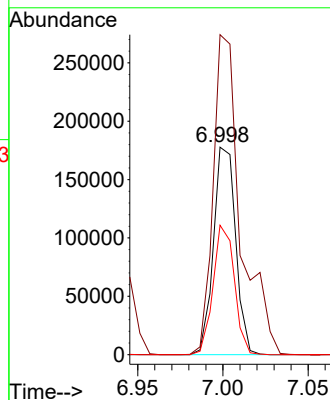
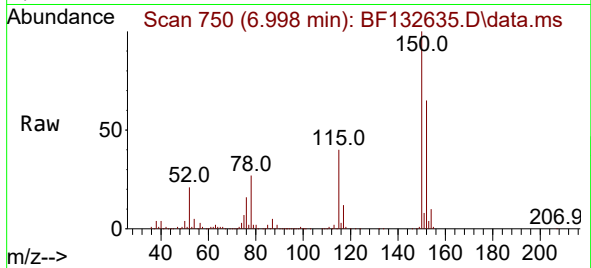




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 71
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

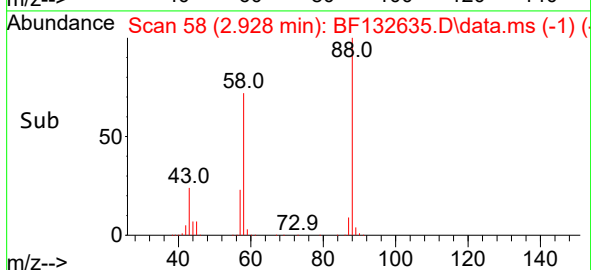
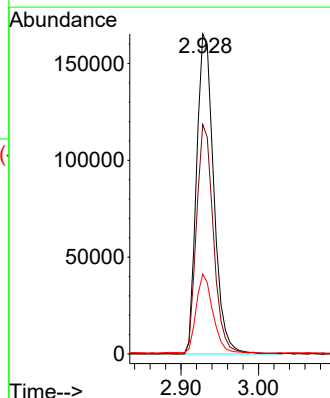
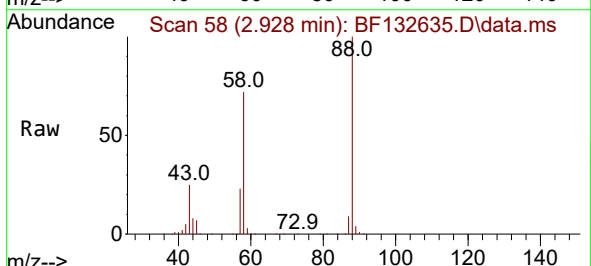
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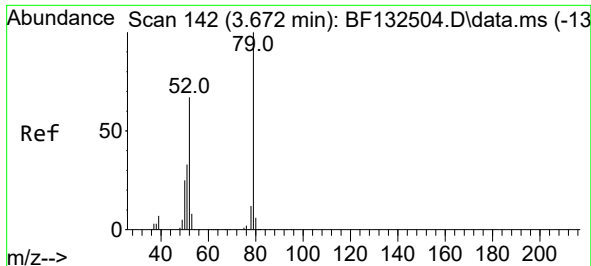
Tgt Ion:152 Resp: 161135
Ion Ratio Lower Upper
152 100
150 154.2 125.4 188.2
115 62.4 47.8 71.6



#2
1,4-Dioxane
Concen: 46.446 ng
RT: 2.928 min Scan# 58
Delta R.T. 0.044 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion: 88 Resp: 255080
Ion Ratio Lower Upper
88 100
58 70.3 58.3 87.5
43 24.2 20.7 31.1

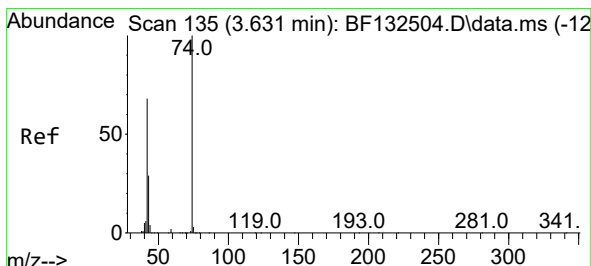
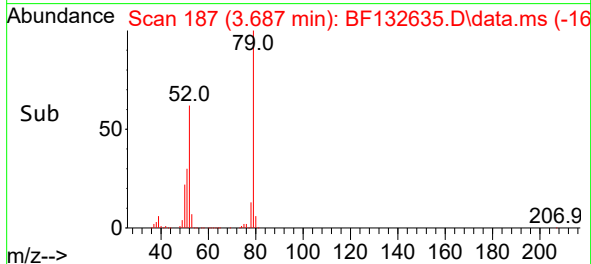
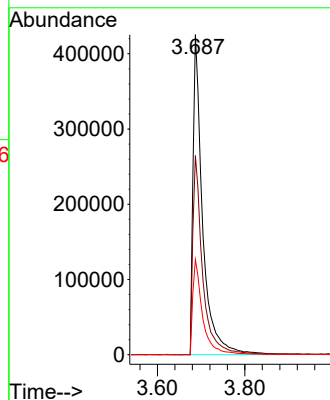
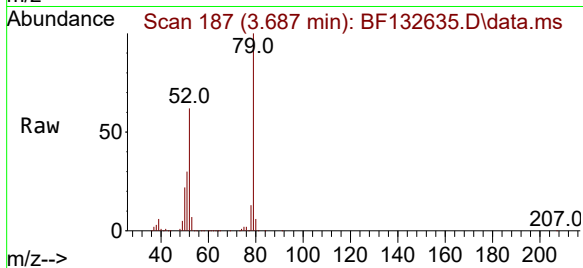




#3
 Pyridine
 Concen: 44.906 ng
 RT: 3.687 min Scan# 11
 Delta R.T. 0.032 min
 Lab File: BF132635.D
 Acq: 03 Mar 2023 18:38

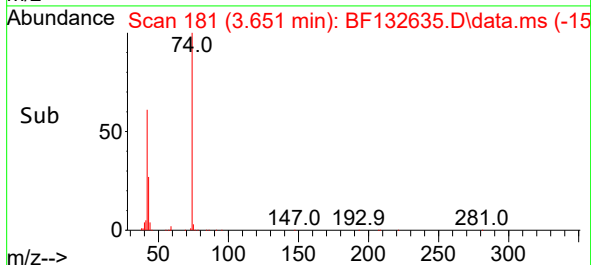
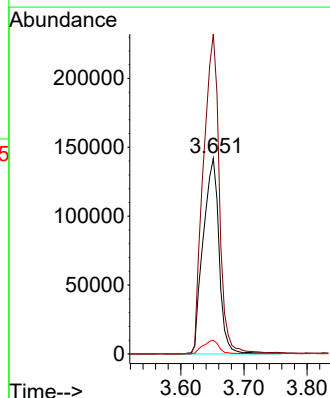
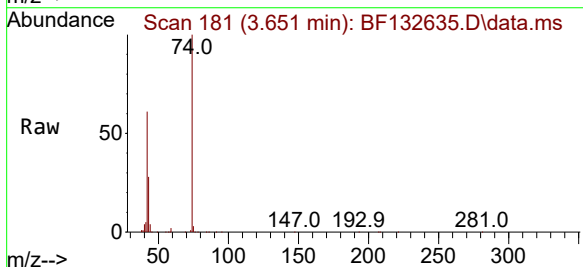
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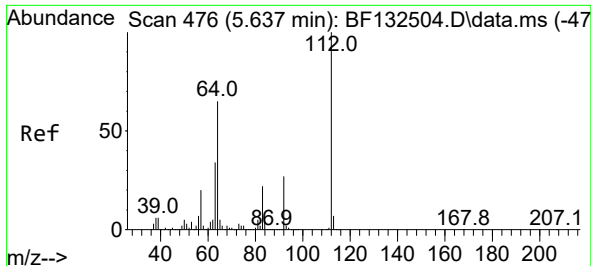
Tgt Ion: 79 Resp: 654630
 Ion Ratio Lower Upper
 79 100
 52 62.2 53.7 80.5
 51 29.7 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 45.122 ng
 RT: 3.651 min Scan# 181
 Delta R.T. 0.026 min
 Lab File: BF132635.D
 Acq: 03 Mar 2023 18:38

Tgt Ion: 42 Resp: 248462
 Ion Ratio Lower Upper
 42 100
 74 163.6 118.2 177.2
 44 7.0 5.3 7.9

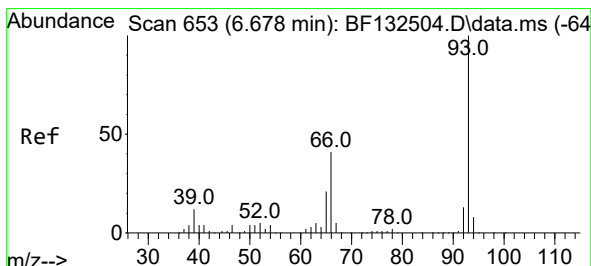
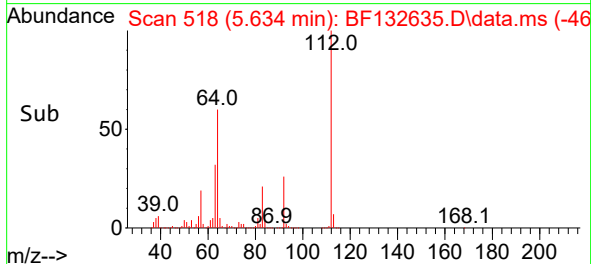
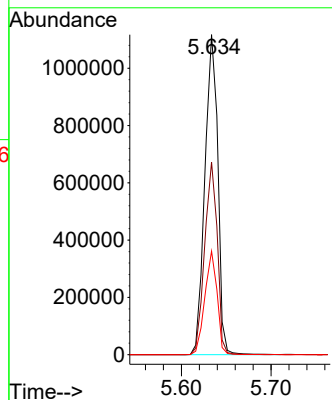
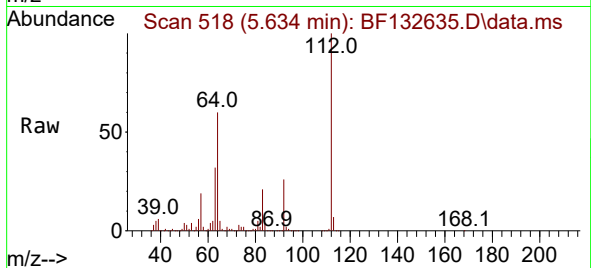




#5
2-Fluorophenol
Concen: 112.897 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

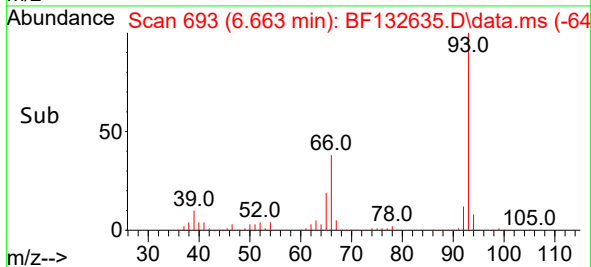
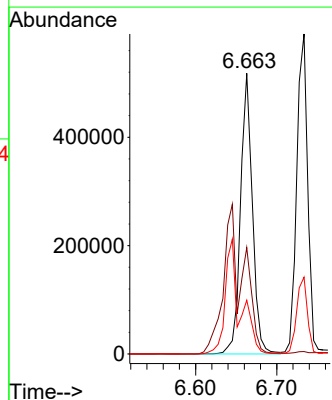
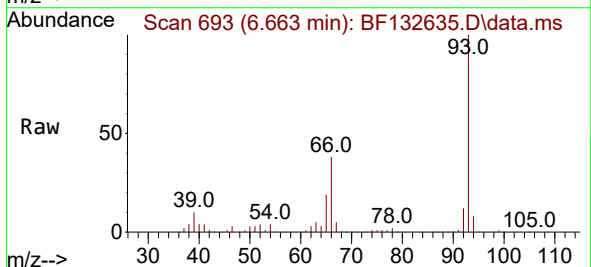
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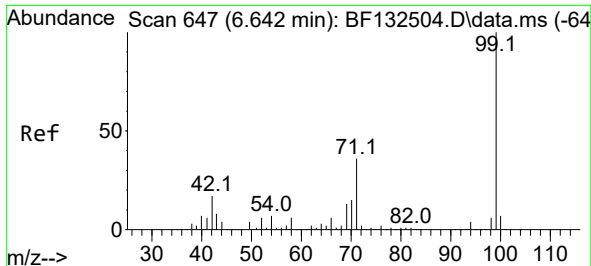
Tgt Ion:112 Resp: 1120886
Ion Ratio Lower Upper
112 100
64 60.2 51.6 77.4
63 32.4 27.4 41.2



#6
Aniline
Concen: 30.139 ng
RT: 6.663 min Scan# 693
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion: 93 Resp: 525555
Ion Ratio Lower Upper
93 100
66 37.9 32.5 48.7
65 19.1 16.6 24.8

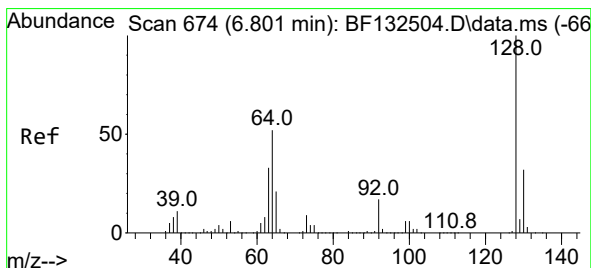
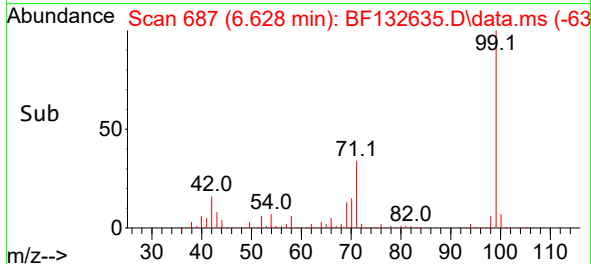
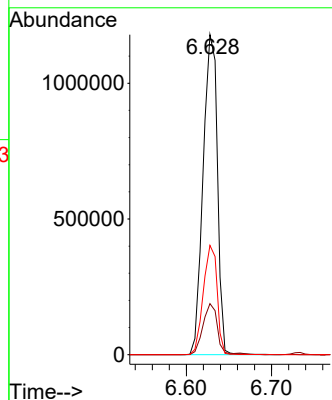
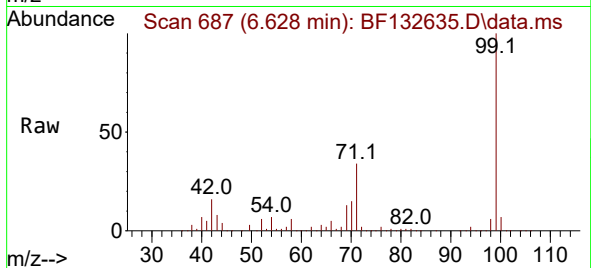




#7
Phenol-d6
Concen: 105.972 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

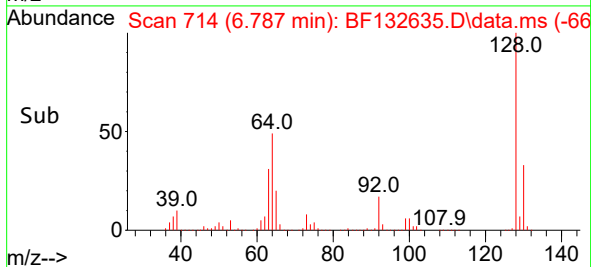
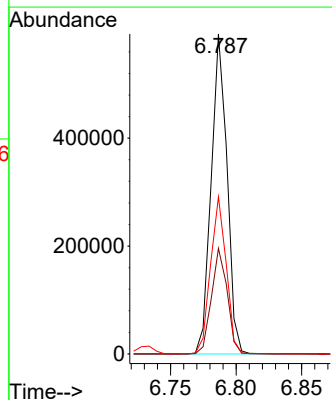
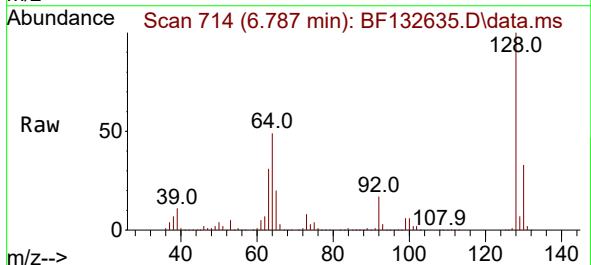
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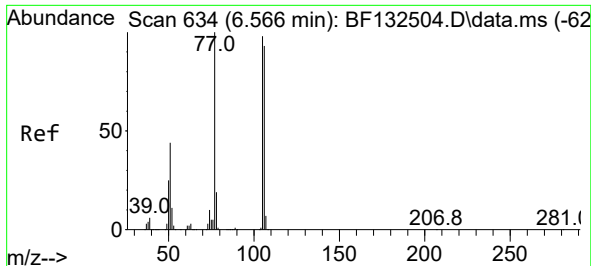
Tgt Ion: 99 Resp: 1373123
Ion Ratio Lower Upper
99 100
42 16.0 13.9 20.9
71 34.1 28.5 42.7



#8
2-Chlorophenol
Concen: 48.384 ng
RT: 6.787 min Scan# 714
Delta R.T. -0.009 min
Lab File: BF132635.D
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Tgt Ion:128 Resp: 498572
Ion Ratio Lower Upper
128 100
130 33.0 12.1 52.1
64 49.1 32.0 72.0

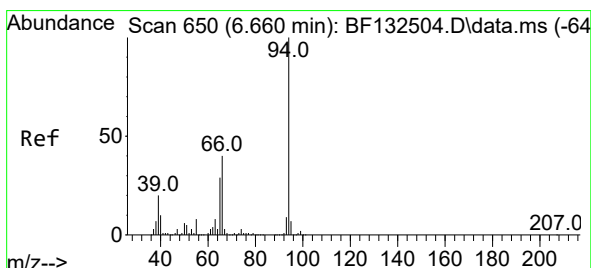
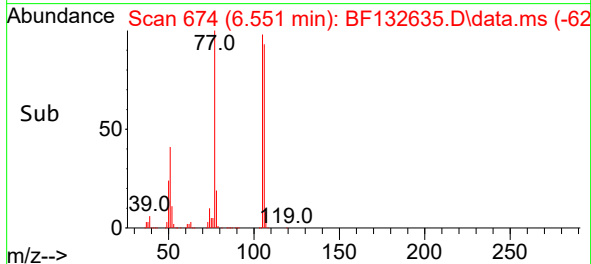
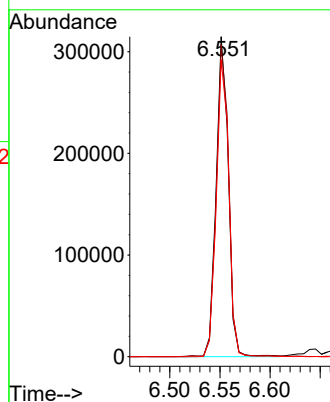
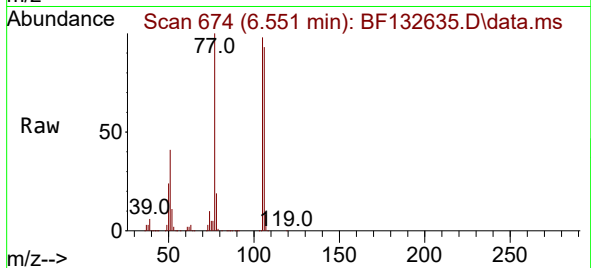




#9
Benzaldehyde
Concen: 37.879 ng
RT: 6.551 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

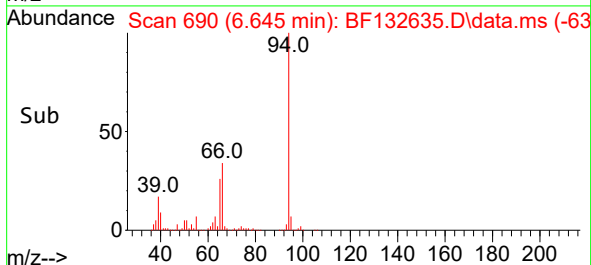
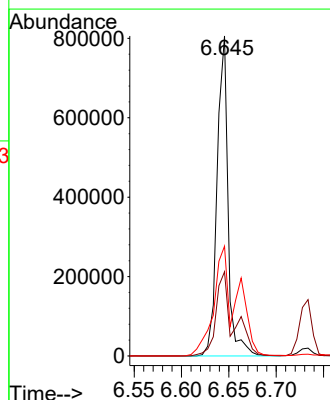
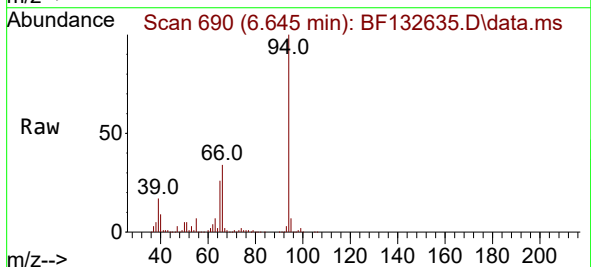
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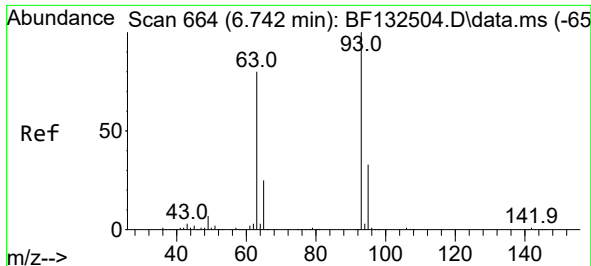
Tgt Ion: 77 Resp: 264845
Ion Ratio Lower Upper
77 100
105 97.5 77.9 117.9
106 92.9 73.4 113.4



#10
Phenol
Concen: 43.464 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.003 min
Lab File: BF132635.D
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Tgt Ion: 94 Resp: 645678
Ion Ratio Lower Upper
94 100
65 26.3 9.4 49.4
66 34.3 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 48.501 ng

RT: 6.734 min Scan# 705

Delta R.T. -0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

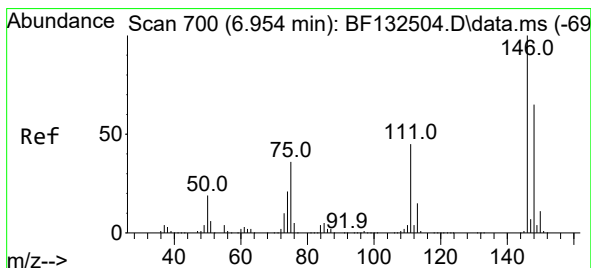
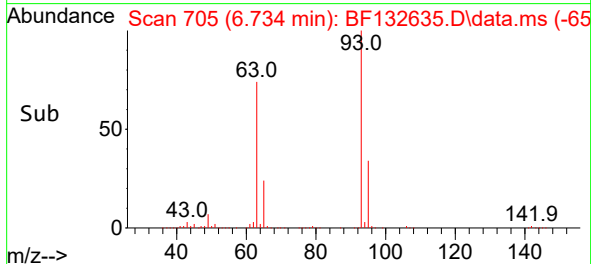
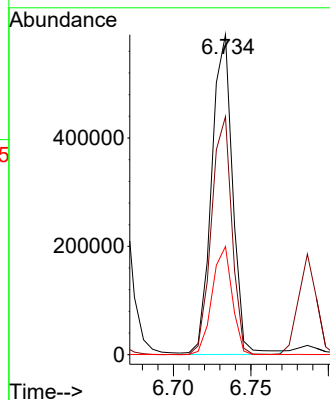
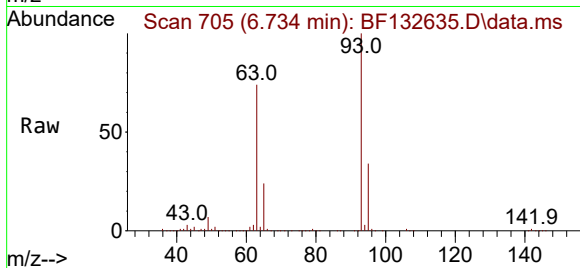
Tgt Ion: 93 Resp: 556210

Ion Ratio Lower Upper

93 100

63 74.4 59.6 99.6

95 33.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 49.698 ng

RT: 6.945 min Scan# 741

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

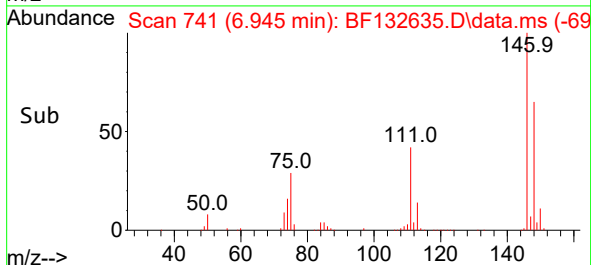
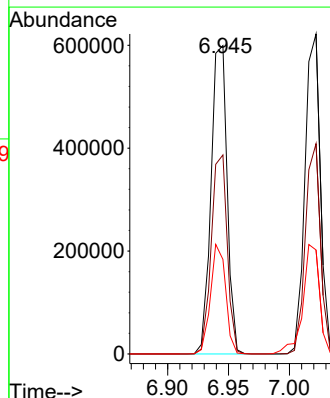
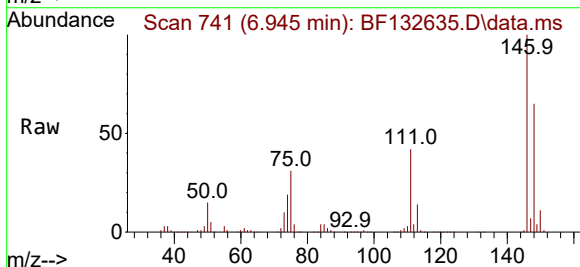
Tgt Ion:146 Resp: 549556

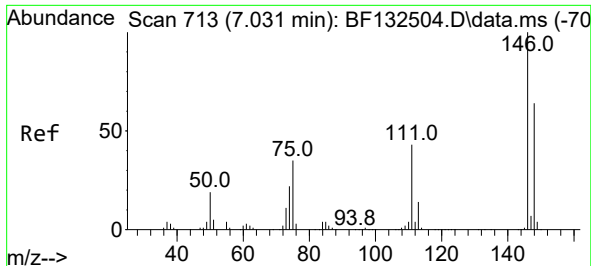
Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

75 30.7 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 49.580 ng

RT: 7.022 min Scan# 713

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

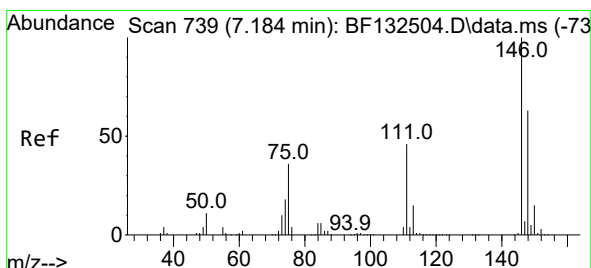
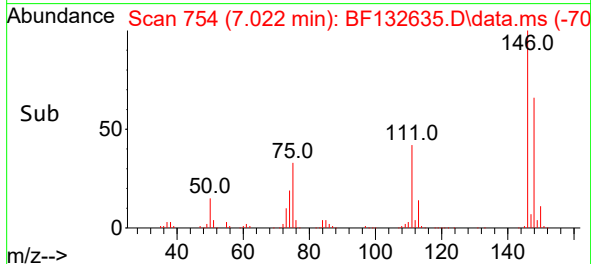
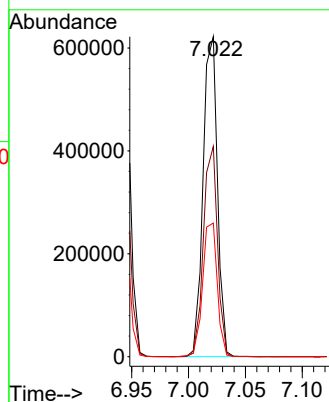
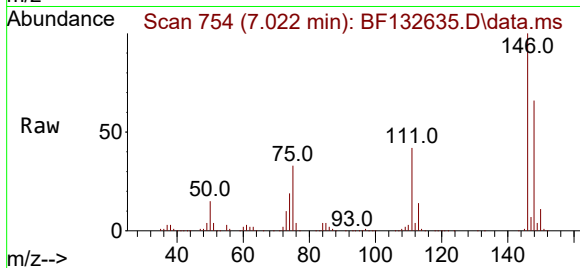
Tgt Ion:146 Resp: 547439

Ion Ratio Lower Upper

146 100

148 65.7 51.1 76.7

111 41.7 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 49.168 ng

RT: 7.169 min Scan# 779

Delta R.T. -0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

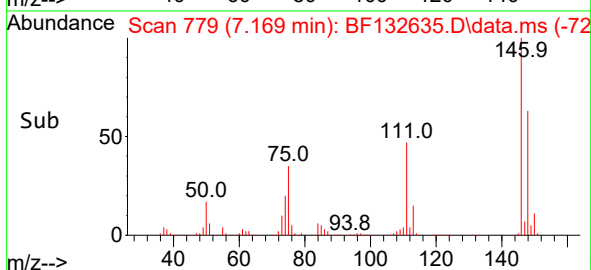
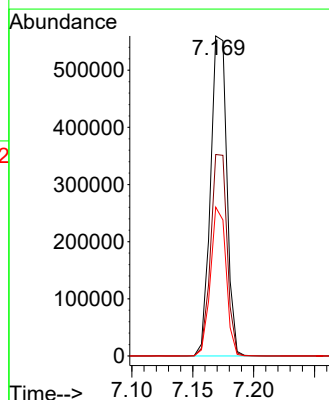
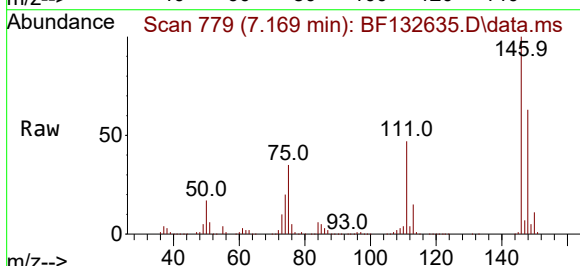
Tgt Ion:146 Resp: 521020

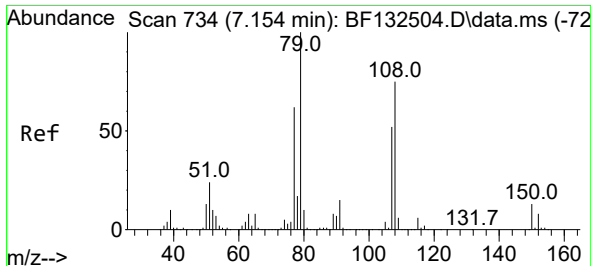
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

111 46.5 37.2 55.8

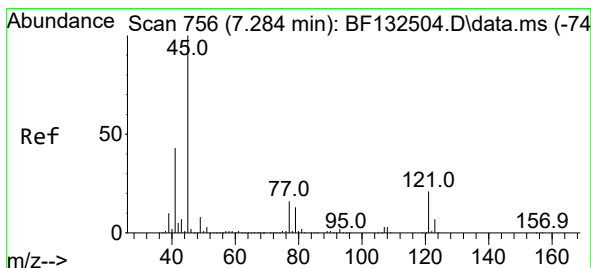
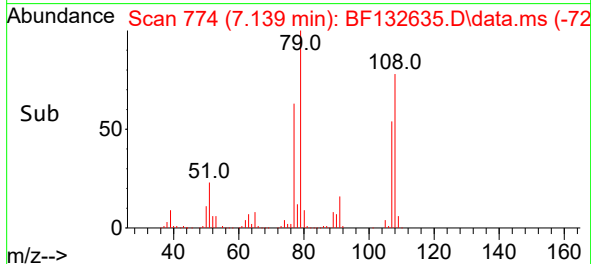
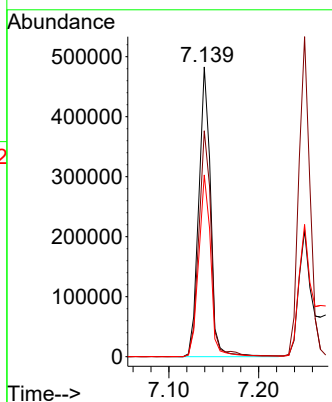
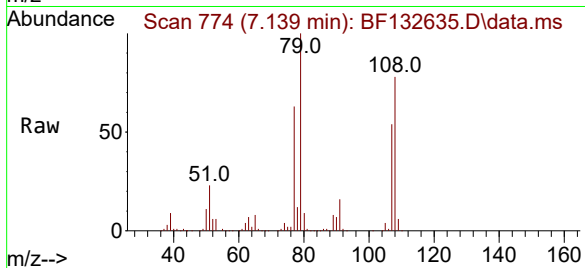




#15
Benzyl Alcohol
Concen: 44.204 ng
RT: 7.139 min Scan# 71
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

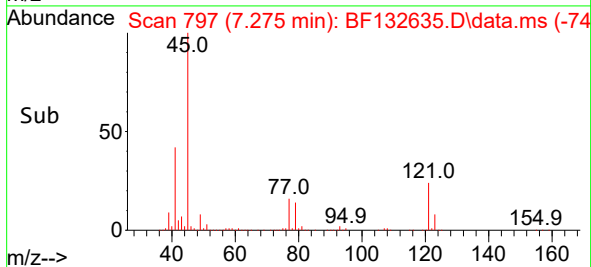
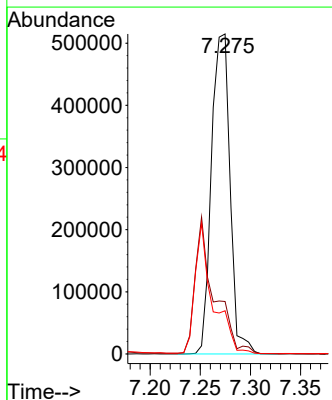
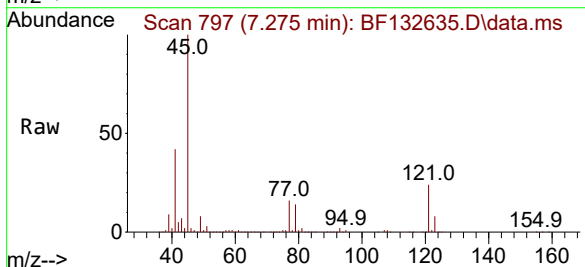
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

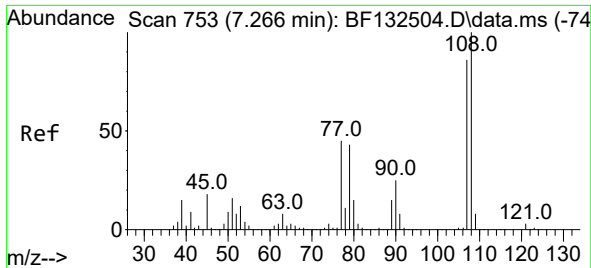
Tgt Ion: 79 Resp: 441116
Ion Ratio Lower Upper
79 100
108 77.9 60.2 90.4
77 62.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.361 ng
RT: 7.275 min Scan# 797
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion: 45 Resp: 663373
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.4
79 13.5 0.0 33.4



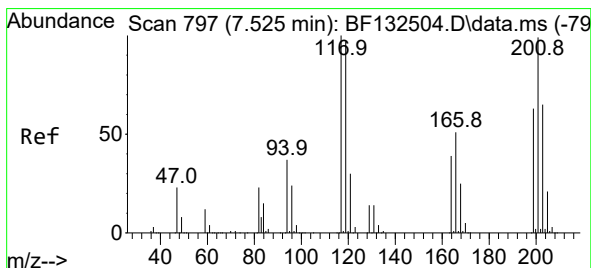
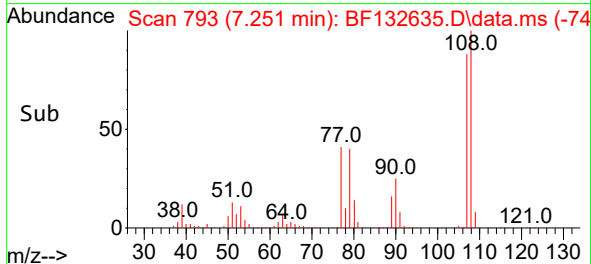
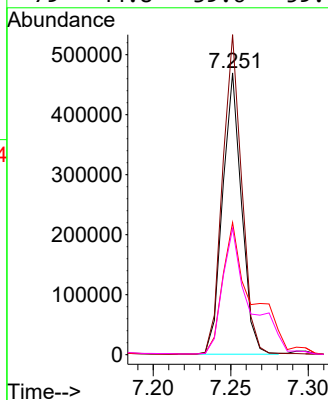
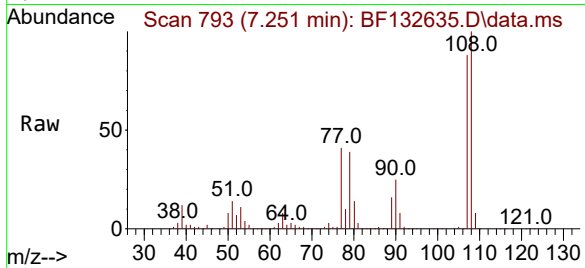


#17
2-Methylphenol
Concen: 41.474 ng
RT: 7.251 min Scan# 79
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tgt Ion:107 Resp: 398853

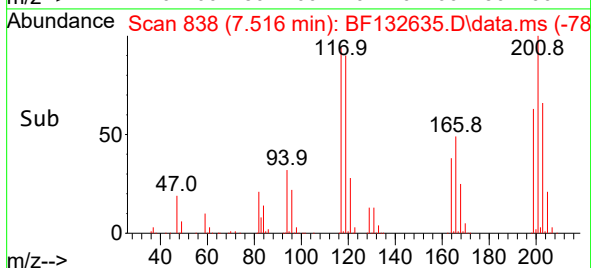
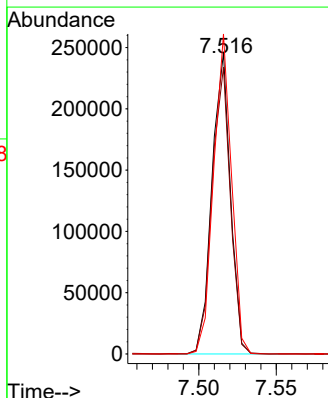
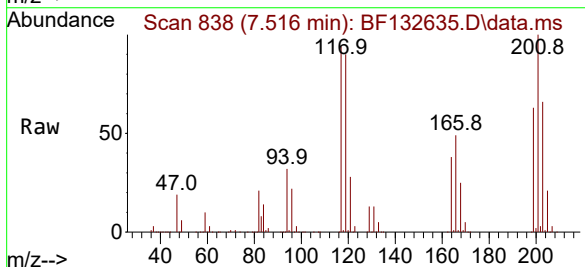
Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.0	139.4
77	46.9	42.1	63.1
79	44.8	39.6	59.4

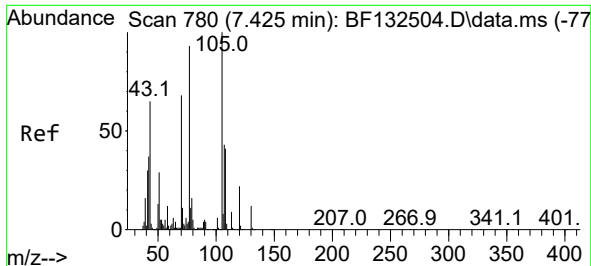


#18
Hexachloroethane
Concen: 47.229 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:117 Resp: 203730

Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.0	117.0
201	106.2	79.0	118.4

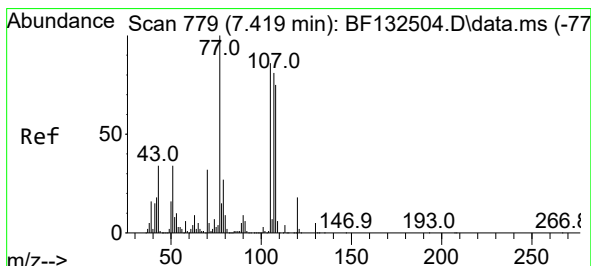
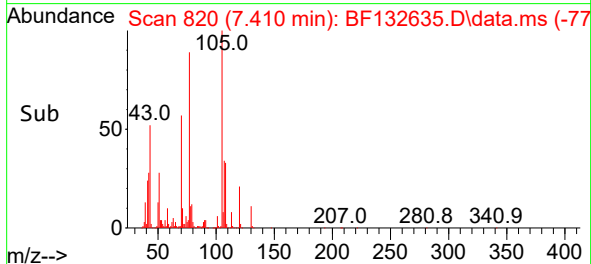
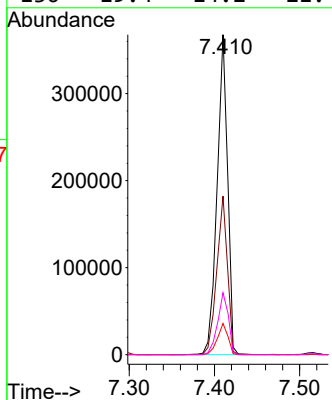
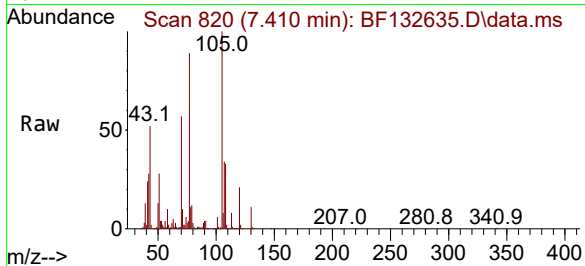




#19
n-Nitroso-di-n-propylamine
Concen: 39.418 ng
RT: 7.410 min Scan# 819
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

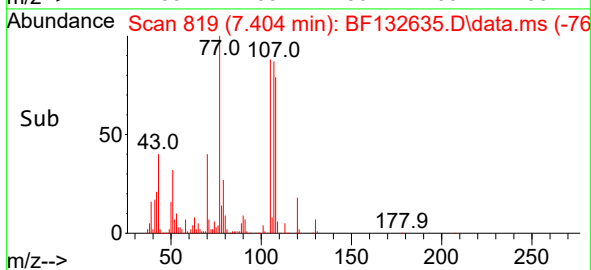
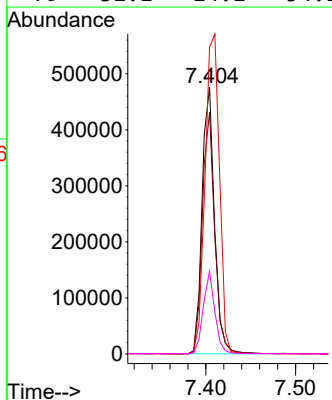
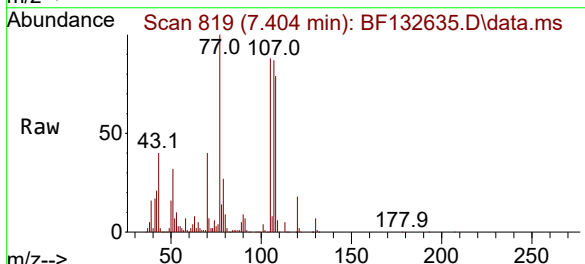
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

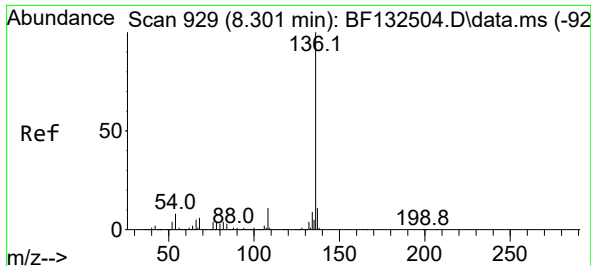
Tgt Ion: 70 Resp: 314341
Ion Ratio Lower Upper
70 100
42 49.6 44.1 66.1
101 9.7 7.4 11.2
130 19.4 14.2 21.4



#20
3+4-Methylphenols
Concen: 36.773 ng
RT: 7.404 min Scan# 819
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion: 107 Resp: 456882
Ion Ratio Lower Upper
107 100
108 90.7 72.6 112.6
77 115.1 104.0 144.0
79 31.1 14.1 54.1

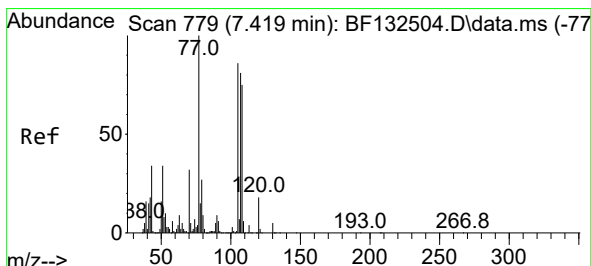
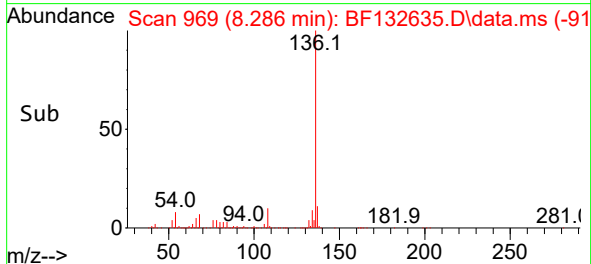
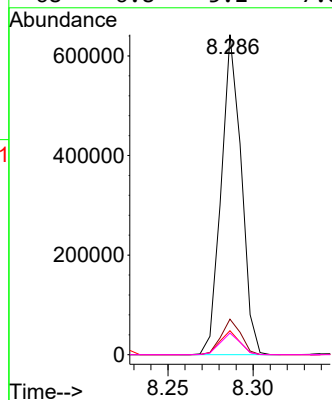
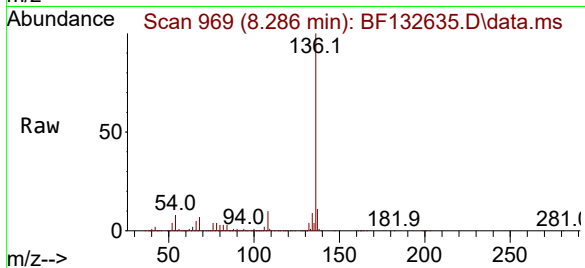




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

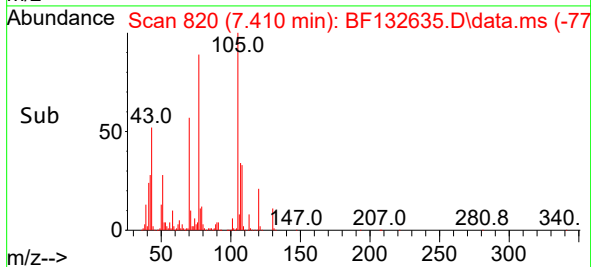
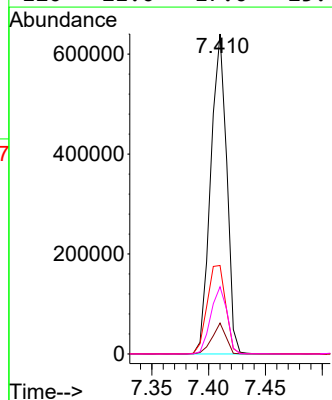
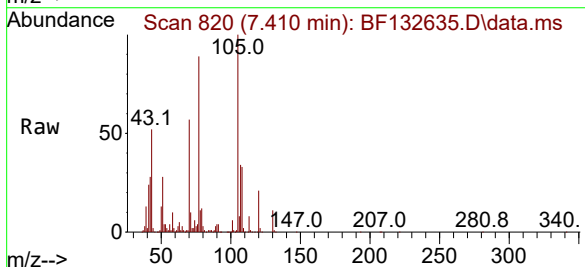
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

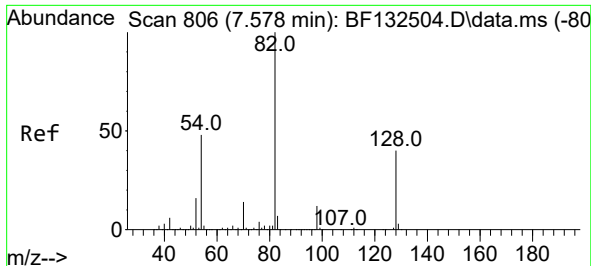
Tgt Ion:136 Resp: 526085
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 6.2 9.4
68 6.8 5.2 7.8



#22
Acetophenone
Concen: 47.146 ng
RT: 7.410 min Scan# 820
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:105 Resp: 625418
Ion Ratio Lower Upper
105 100
71 9.6 5.0 7.4#
51 27.6 31.5 47.3#
120 21.0 17.0 25.4





#23

Nitrobenzene-d5

Concen: 78.653 ng

RT: 7.569 min Scan# 84

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

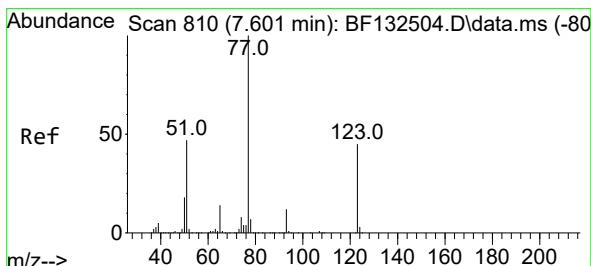
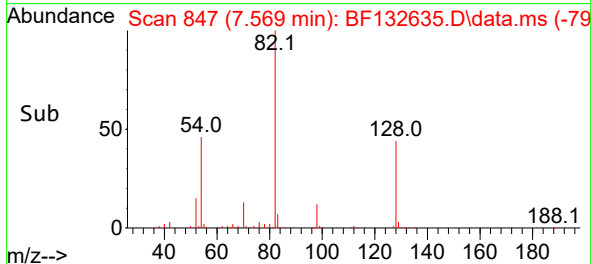
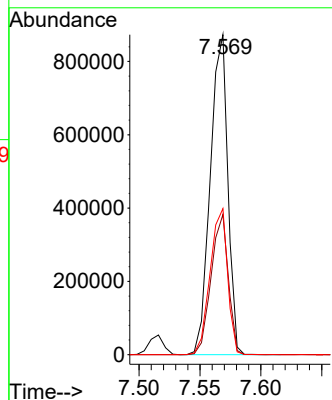
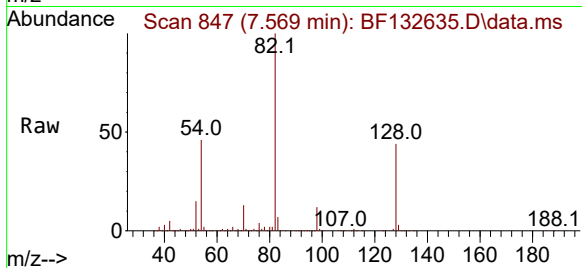
Tgt Ion: 82 Resp: 872137

Ion Ratio Lower Upper

82 100

128 43.8 32.2 48.2

54 45.7 38.4 57.6



#24

Nitrobenzene

Concen: 45.882 ng

RT: 7.586 min Scan# 850

Delta R.T. -0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

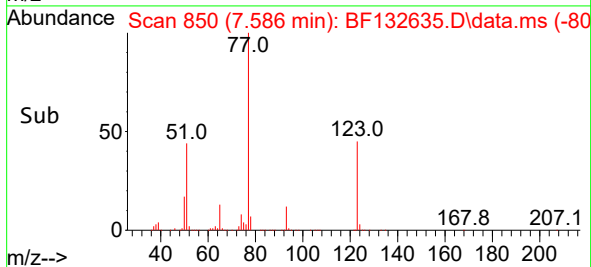
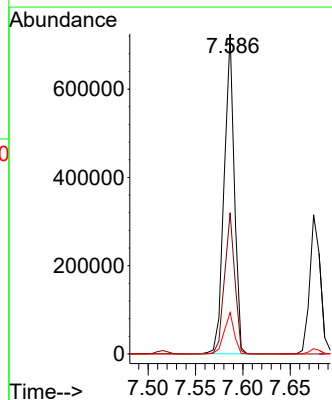
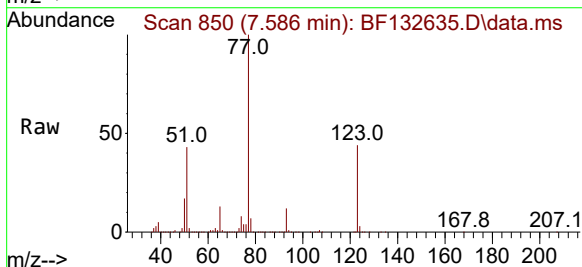
Tgt Ion: 77 Resp: 544117

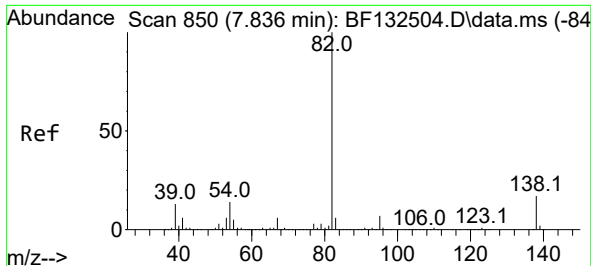
Ion Ratio Lower Upper

77 100

123 44.2 35.8 53.6

65 13.0 10.9 16.3

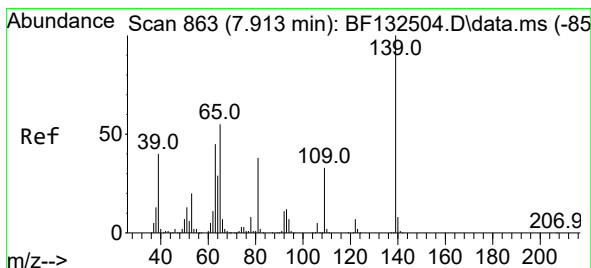
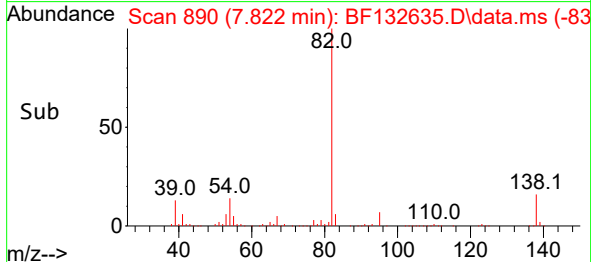
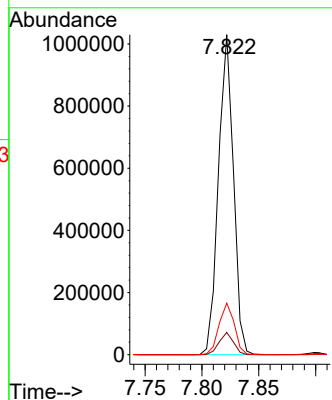
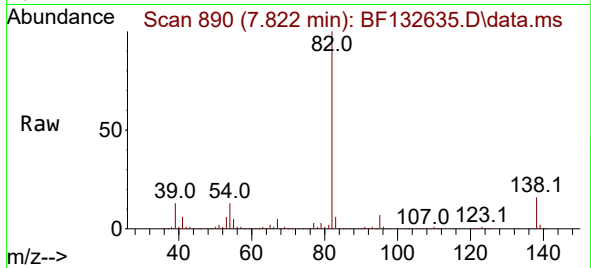




#25
Isophorone
Concen: 44.647 ng
RT: 7.822 min Scan# 890
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

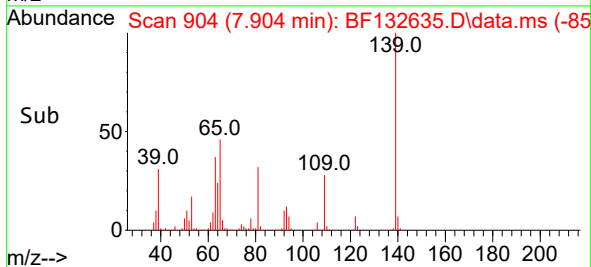
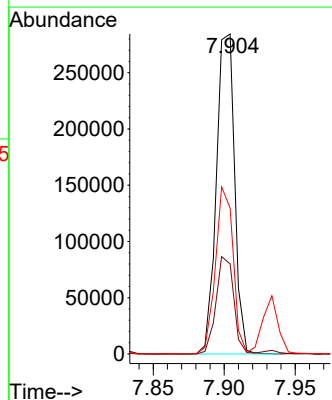
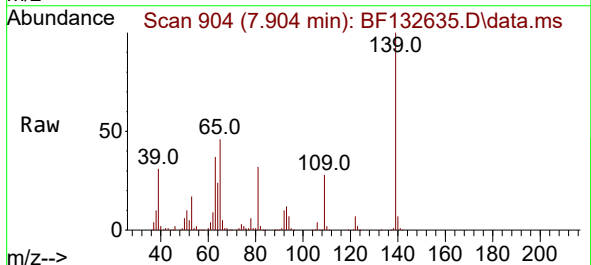
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

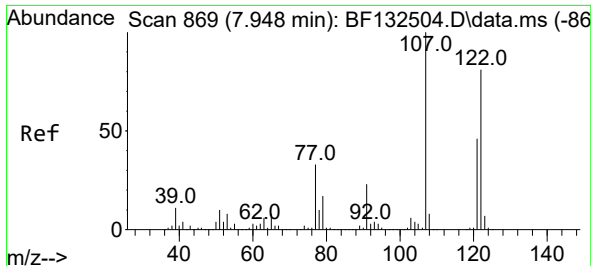
Tgt Ion: 82 Resp: 949157
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 16.1 13.3 19.9



#26
2-Nitrophenol
Concen: 48.534 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion: 139 Resp: 253946
Ion Ratio Lower Upper
139 100
109 28.1 26.2 39.2
65 45.6 43.8 65.8

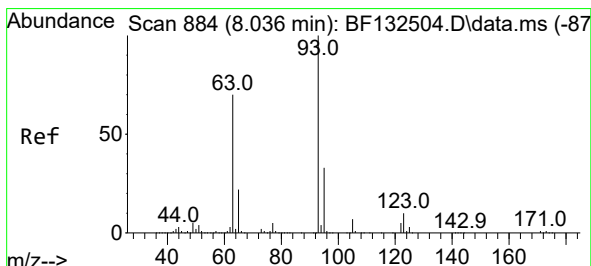
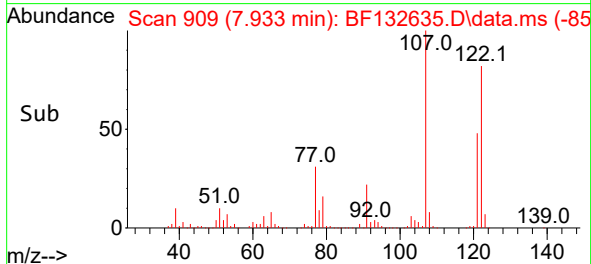
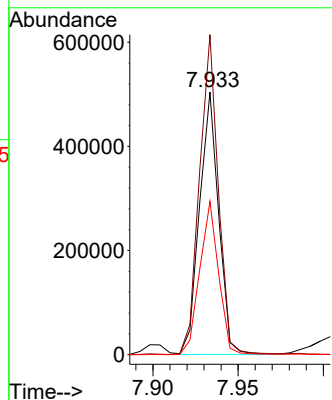
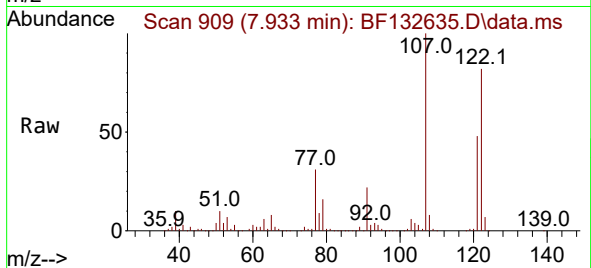




#27
2,4-Dimethylphenol
Concen: 47.675 ng
RT: 7.933 min Scan# 909
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

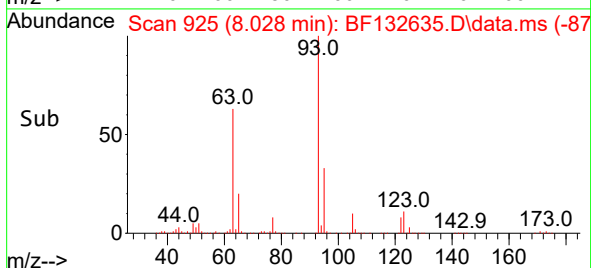
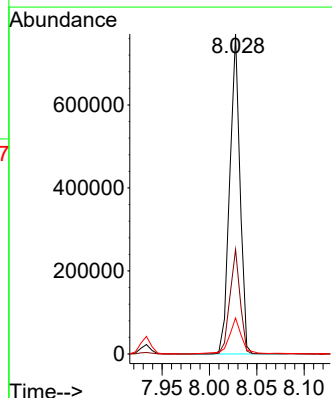
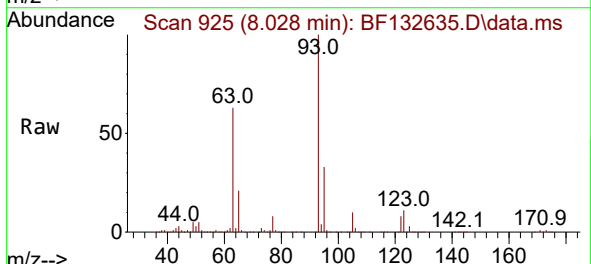
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

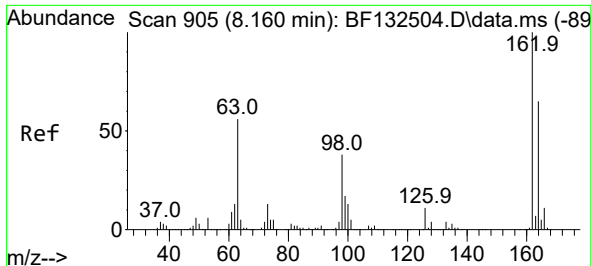
Tgt Ion:122 Resp: 393710
Ion Ratio Lower Upper
122 100
107 121.9 98.7 148.1
121 58.4 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.080 ng
RT: 8.028 min Scan# 925
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

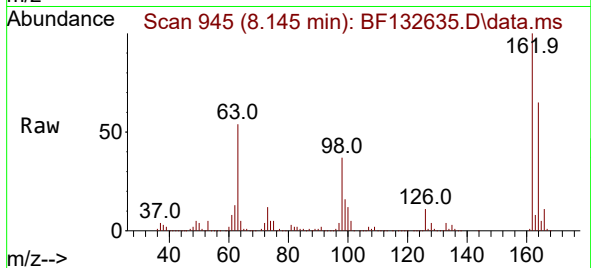
Tgt Ion: 93 Resp: 585495
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 11.2 8.3 12.5



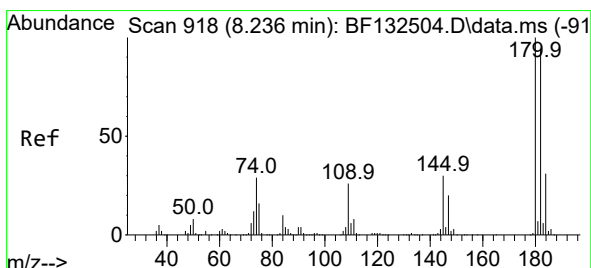
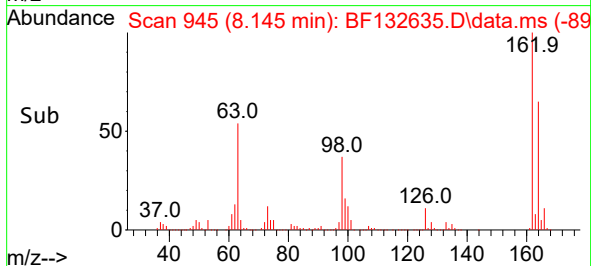
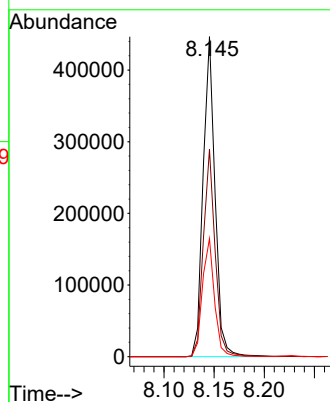


#29
2,4-Dichlorophenol
Concen: 45.199 ng
RT: 8.145 min Scan# 945
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

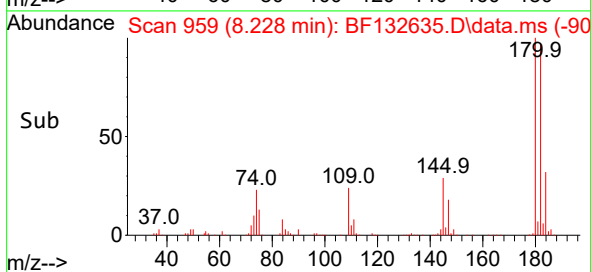
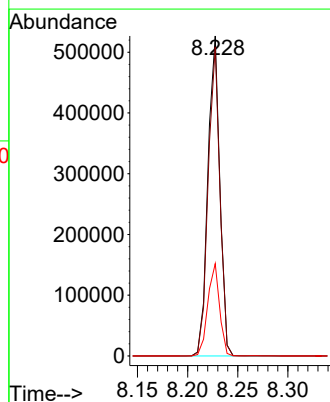
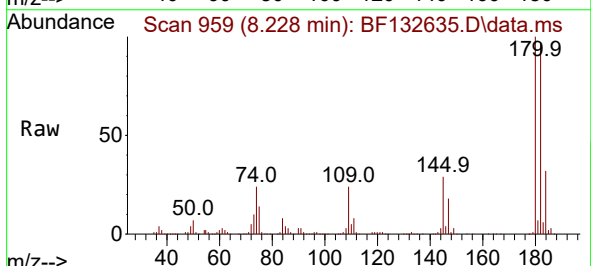


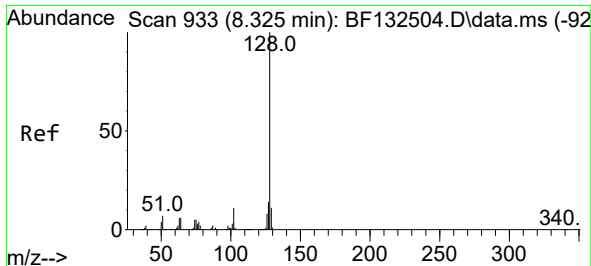
Tgt Ion:162 Resp: 371301
Ion Ratio Lower Upper
162 100
164 64.8 45.3 85.3
98 36.9 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 49.067 ng
RT: 8.228 min Scan# 959
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:180 Resp: 437687
Ion Ratio Lower Upper
180 100
182 96.6 75.1 112.7
145 28.8 23.8 35.6

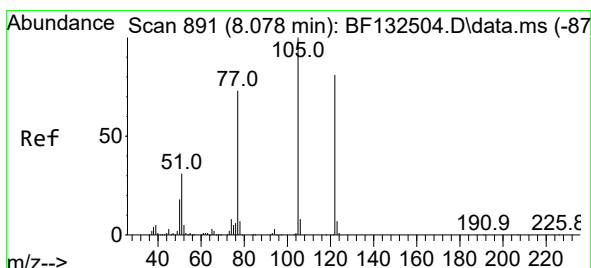
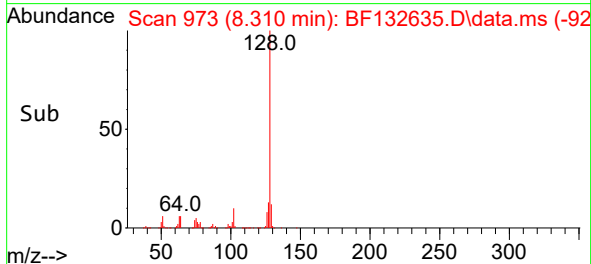
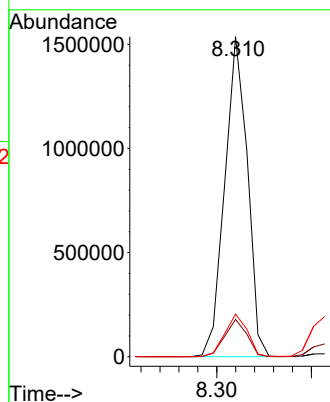
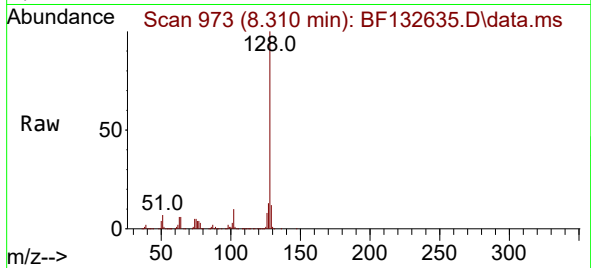




#31
Naphthalene
Concen: 47.348 ng
RT: 8.310 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

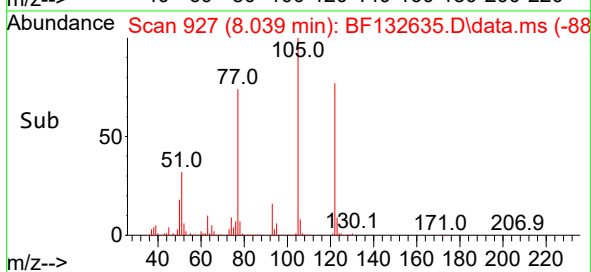
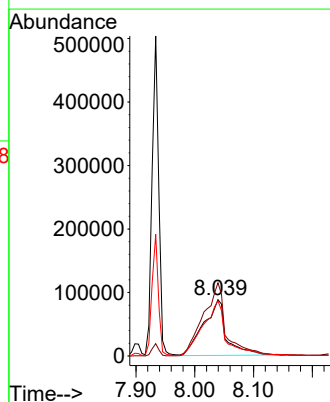
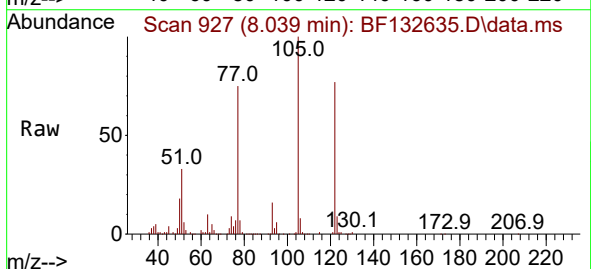
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

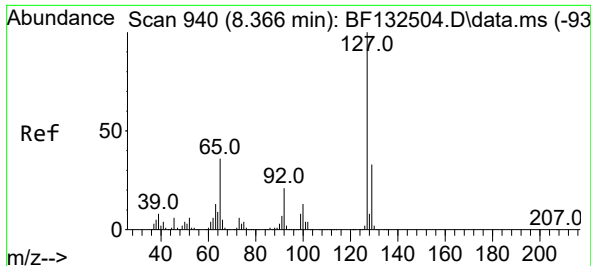
Tgt Ion:128 Resp: 1275187
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.3 11.0 16.6



#32
Benzoic acid
Concen: 37.841 ng
RT: 8.039 min Scan# 927
Delta R.T. -0.026 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:122 Resp: 240510
Ion Ratio Lower Upper
122 100
105 129.8 102.6 142.6
77 98.0 70.2 110.2

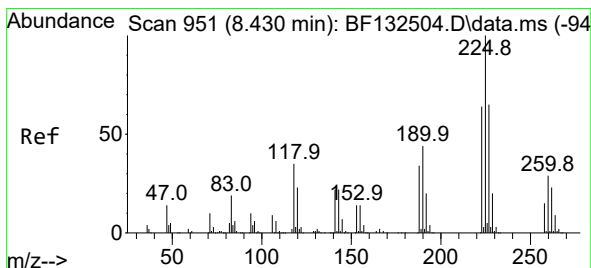
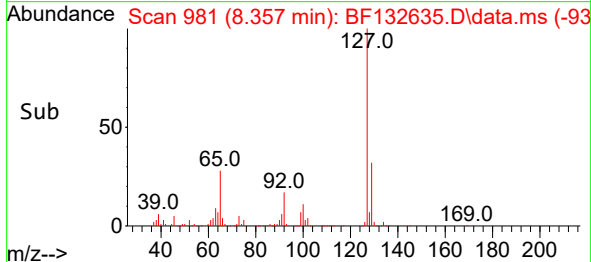
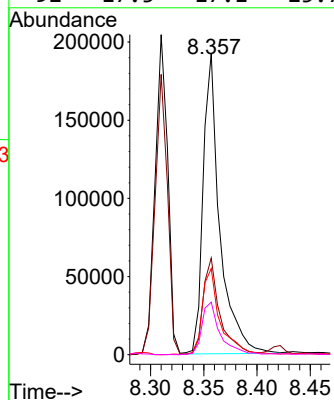
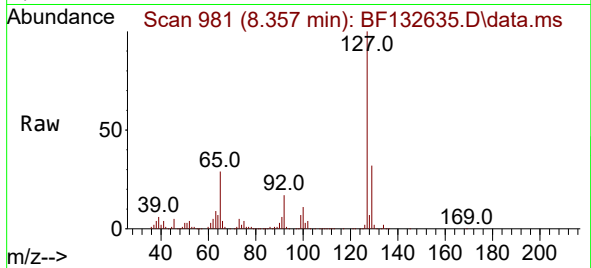




#33
4-Chloroaniline
Concen: 18.149 ng
RT: 8.357 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

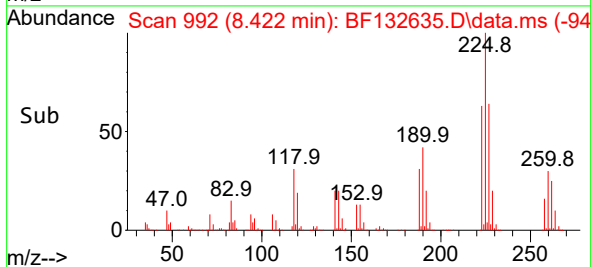
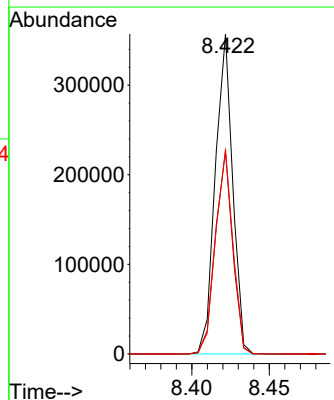
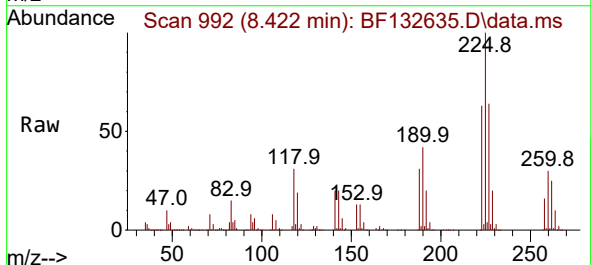
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tgt Ion:127	Resp: 209457
Ion Ratio	Lower Upper
127 100	
129 32.1	26.4 39.6
65 28.6	28.8 43.2#
92 17.5	17.1 25.7



#34
Hexachlorobutadiene
Concen: 48.946 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:225	Resp: 277444
Ion Ratio	Lower Upper
225 100	
223 63.3	51.0 76.4
227 63.9	51.7 77.5

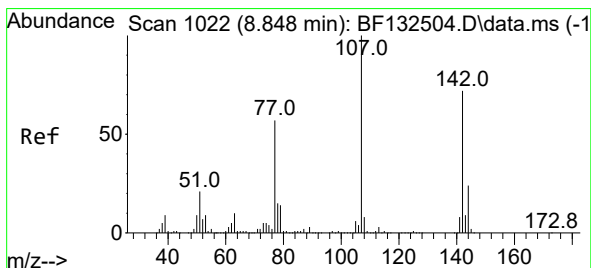
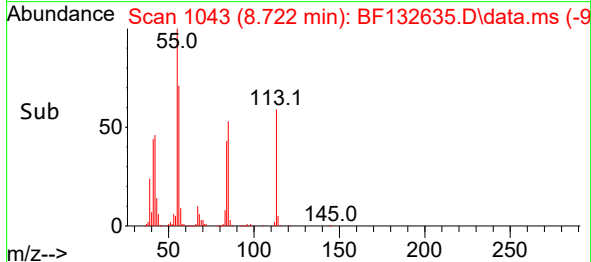
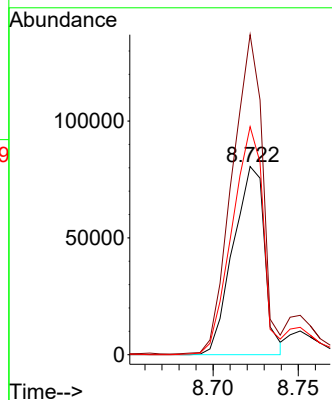
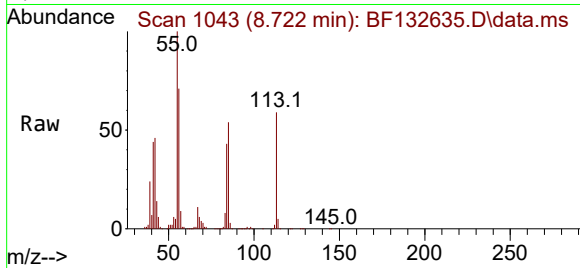




#35
Caprolactam
Concen: 38.169 ng
RT: 8.722 min Scan# 1043
Delta R.T. -0.021 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

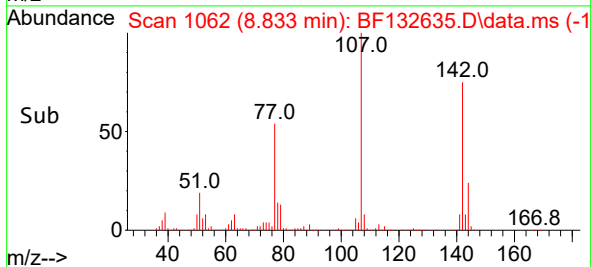
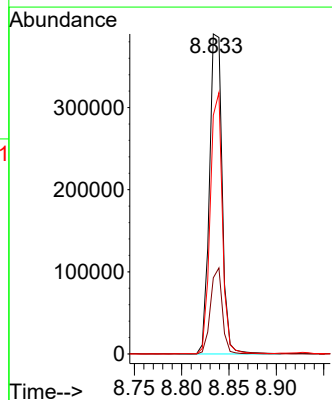
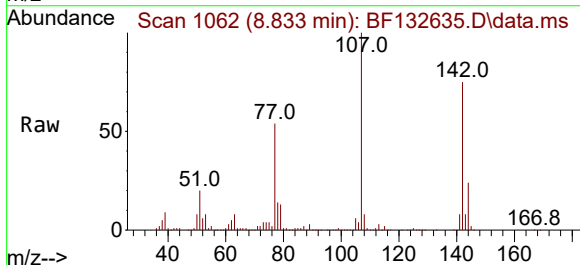
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

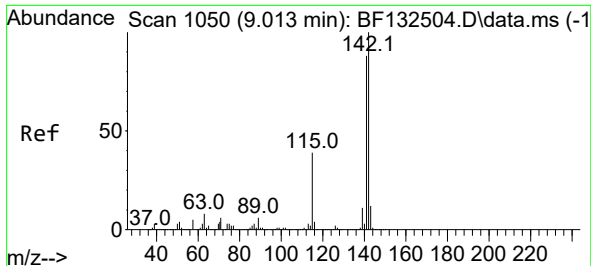
Tgt Ion:113 Resp: 103371
Ion Ratio Lower Upper
113 100
55 170.1 149.4 189.4
56 121.2 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 40.178 ng
RT: 8.833 min Scan# 1062
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:107 Resp: 362475
Ion Ratio Lower Upper
107 100
144 23.8 18.9 28.3
142 74.6 57.9 86.9

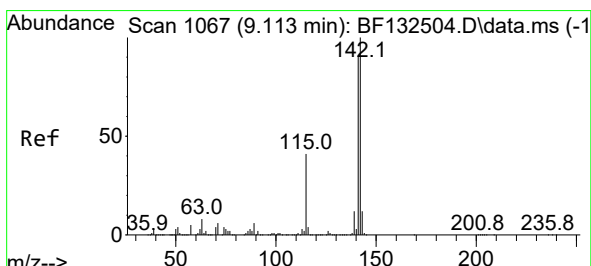
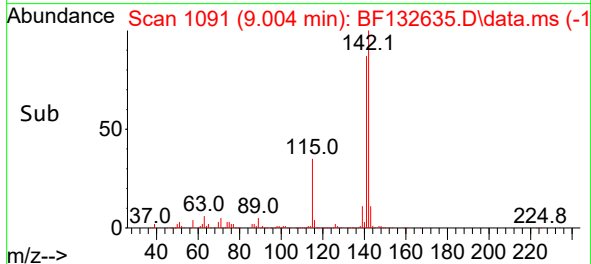
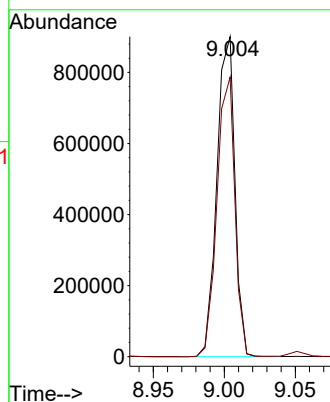
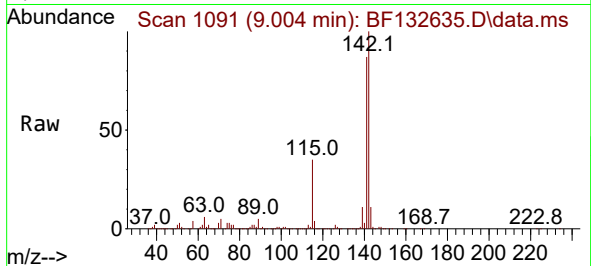




#37
2-Methylnaphthalene
Concen: 43.072 ng
RT: 9.004 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

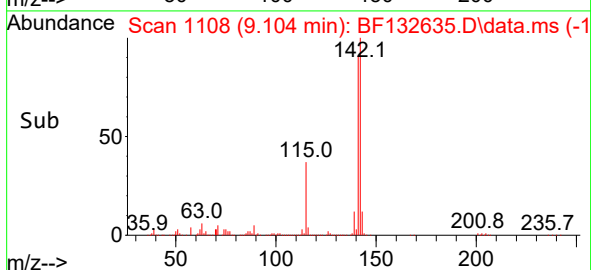
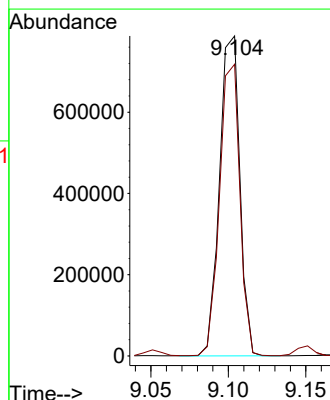
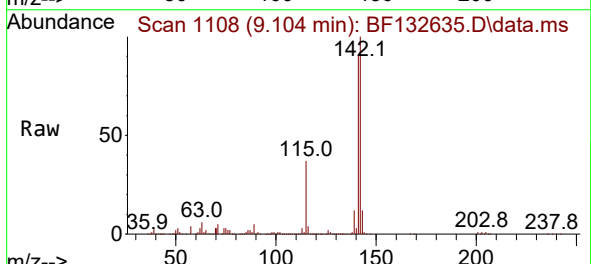
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

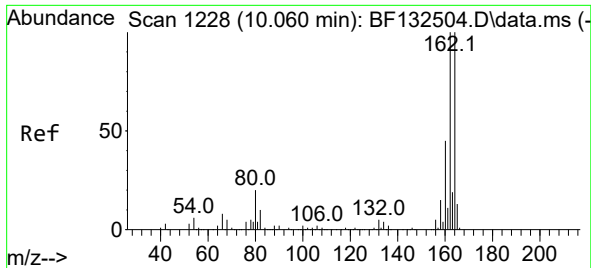
Tgt Ion:142 Resp: 790552
Ion Ratio Lower Upper
142 100
141 87.4 70.2 105.2



#38
1-Methylnaphthalene
Concen: 41.989 ng
RT: 9.104 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:142 Resp: 720219
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6

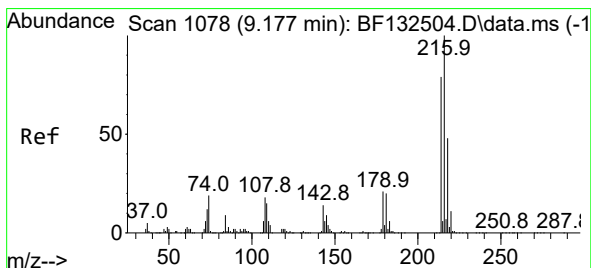
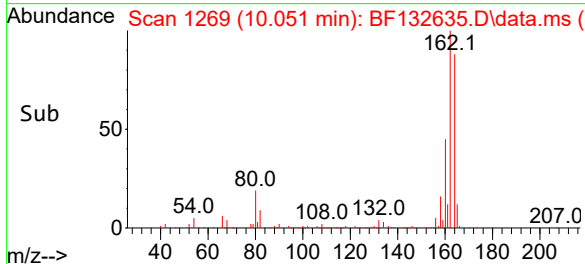
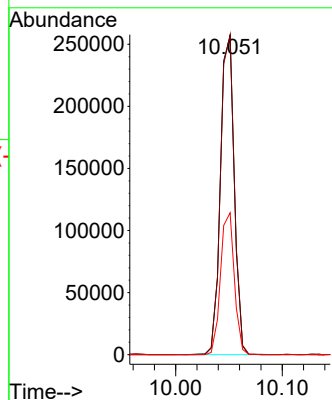
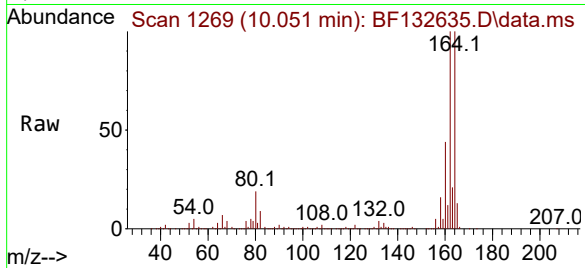




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

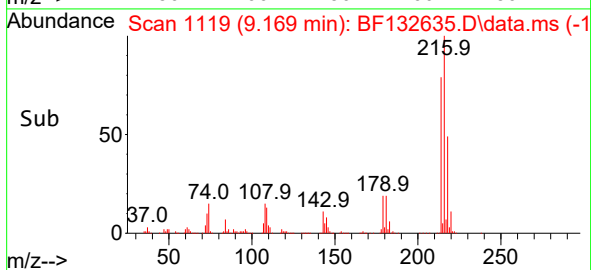
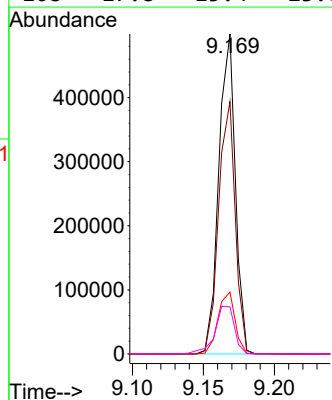
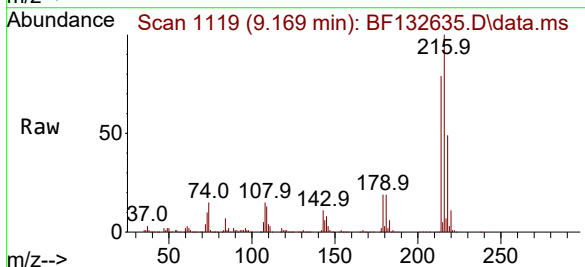
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

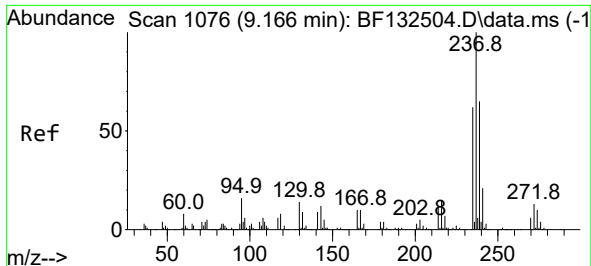
Tgt Ion:164 Resp: 230901
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 44.5 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.349 ng
RT: 9.169 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:216 Resp: 403028
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.6
179 20.0 16.6 24.8
108 17.8 15.4 23.0

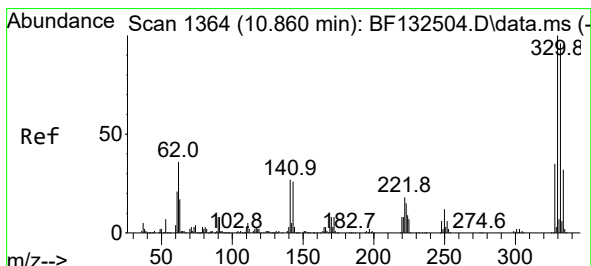
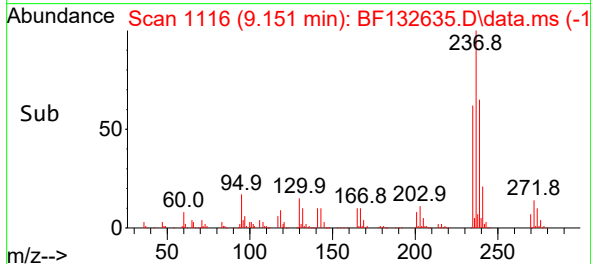
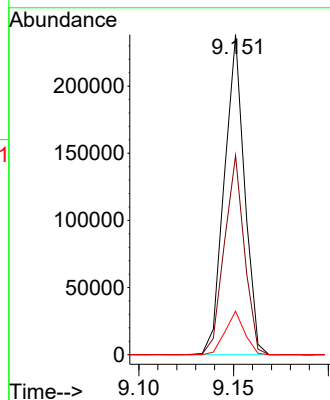
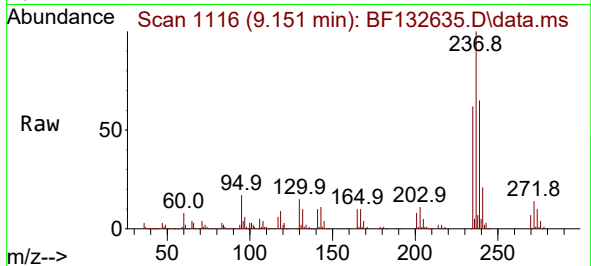




#41
Hexachlorocyclopentadiene
Concen: 43.087 ng
RT: 9.151 min Scan# 1116
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

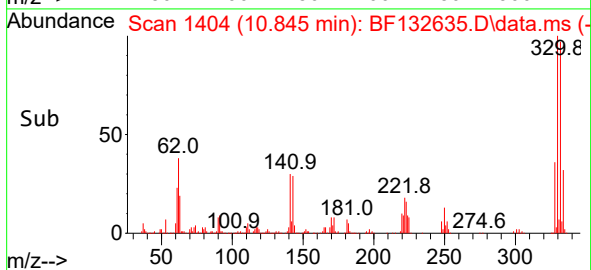
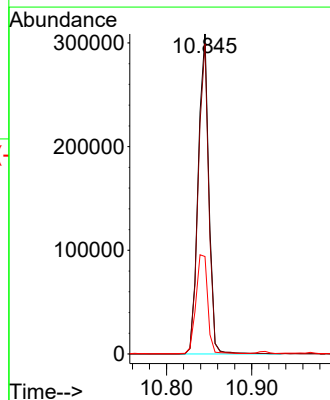
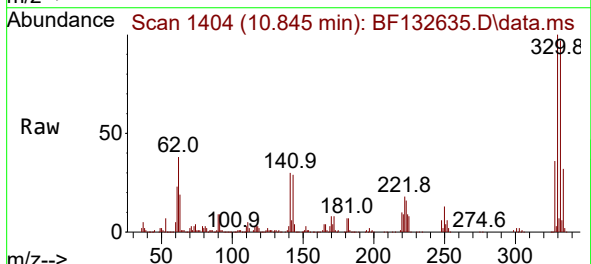
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

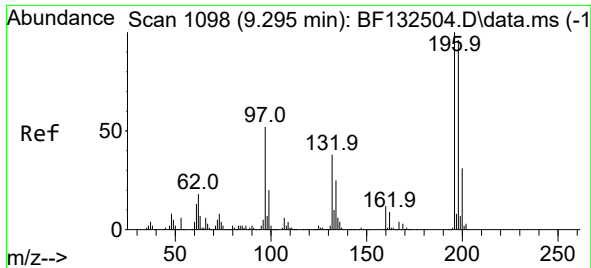
Tgt Ion:237 Resp: 176551
Ion Ratio Lower Upper
237 100
235 62.2 42.4 82.4
272 13.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 107.260 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:330 Resp: 267467
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 34.1 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 49.356 ng

RT: 9.280 min Scan# 1138

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

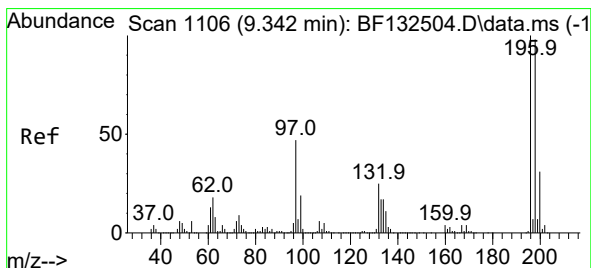
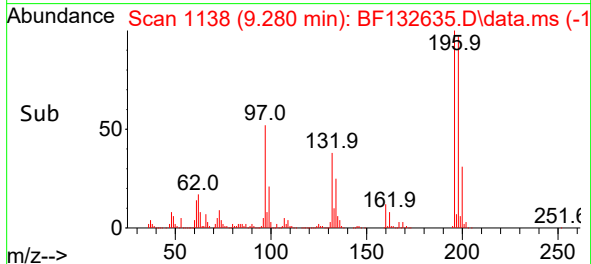
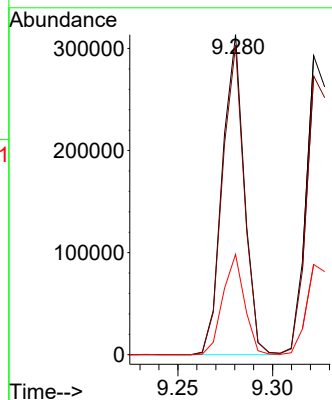
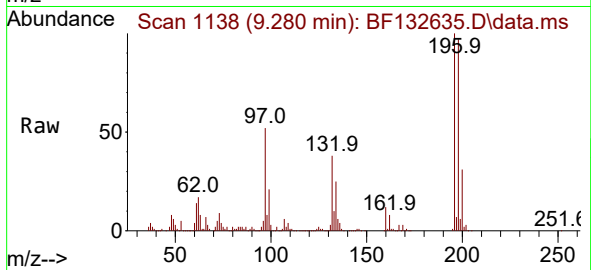
Tgt Ion:196 Resp: 252685

Ion Ratio Lower Upper

196 100

198 96.7 77.1 115.7

200 31.4 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 43.054 ng

RT: 9.322 min Scan# 1145

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Tgt Ion:196 Resp: 257264

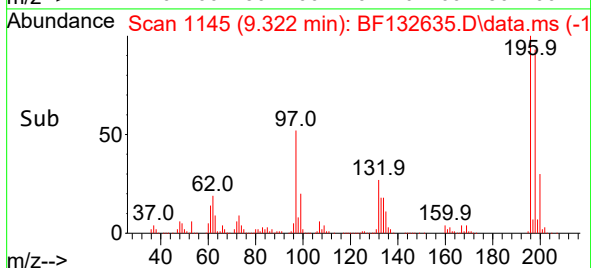
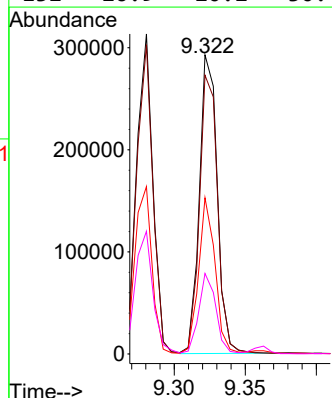
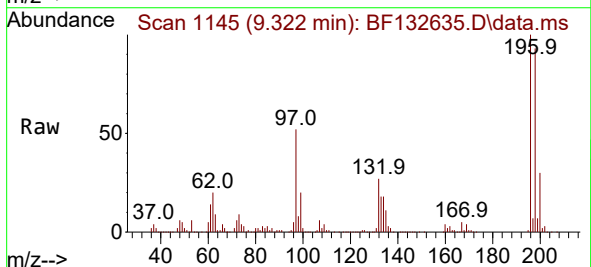
Ion Ratio Lower Upper

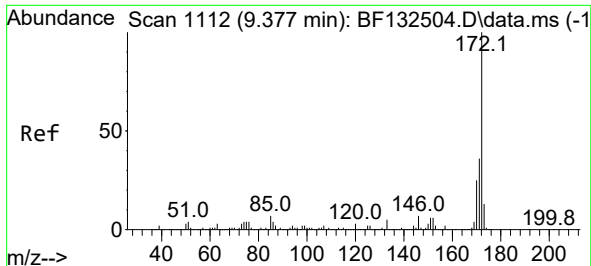
196 100

198 93.2 78.3 117.5

97 52.2 38.1 57.1

132 26.9 20.2 30.4

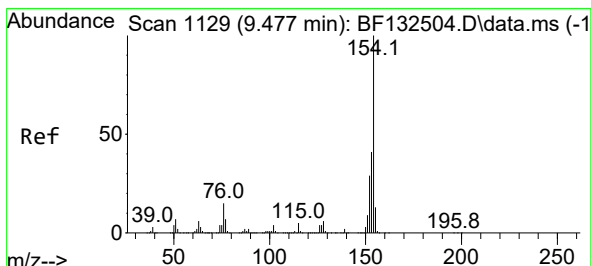
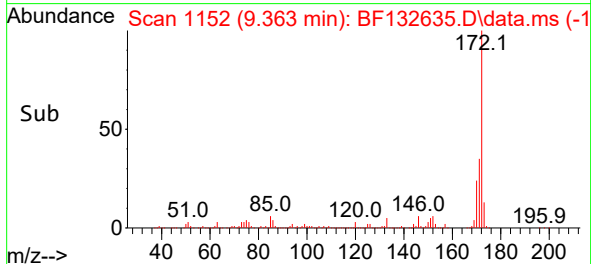
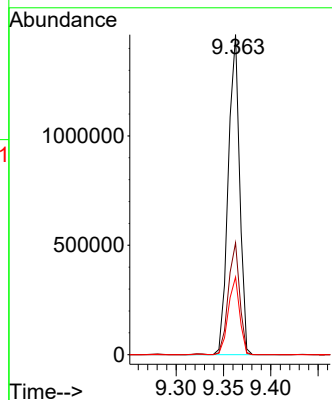
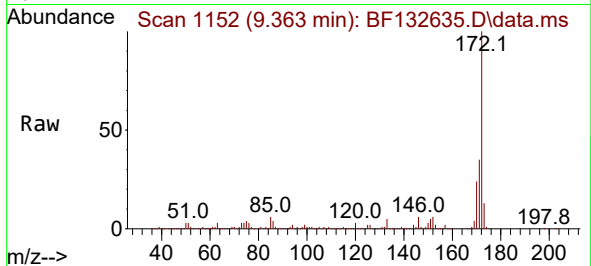




#45
2-Fluorobiphenyl
Concen: 81.143 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

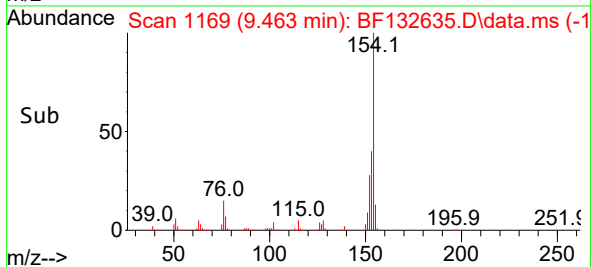
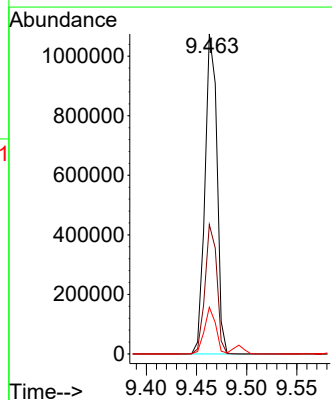
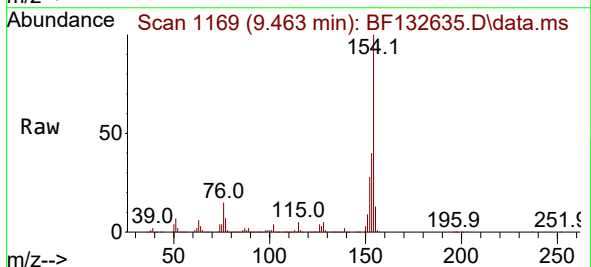
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

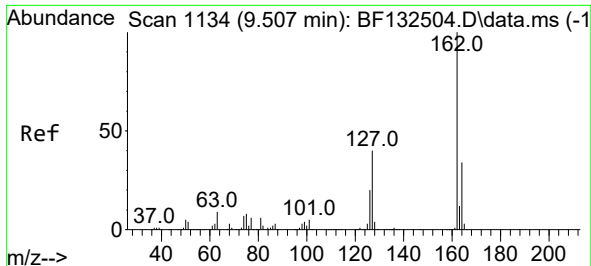
Tgt Ion:172 Resp: 1230483
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 24.3 19.7 29.5



#46
1,1'-Biphenyl
Concen: 51.474 ng
RT: 9.463 min Scan# 1169
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:154 Resp: 899590
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 14.6 0.0 34.7

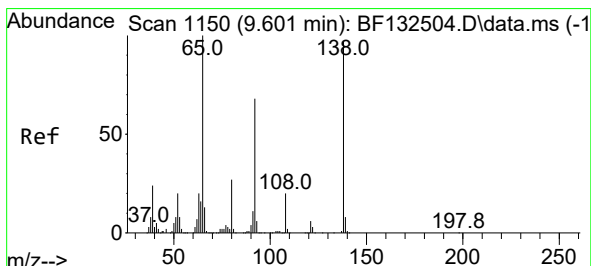
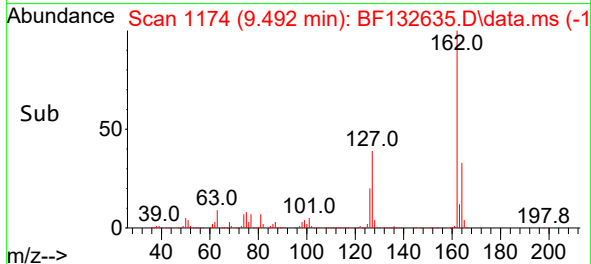
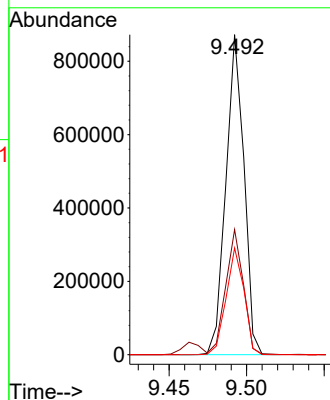
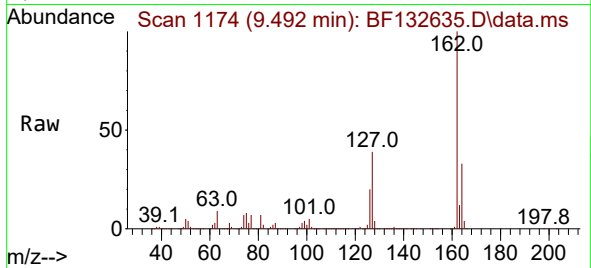




#47
2-Chloronaphthalene
Concen: 50.990 ng
RT: 9.492 min Scan# 1174
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

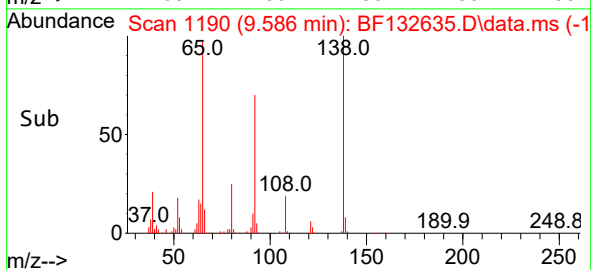
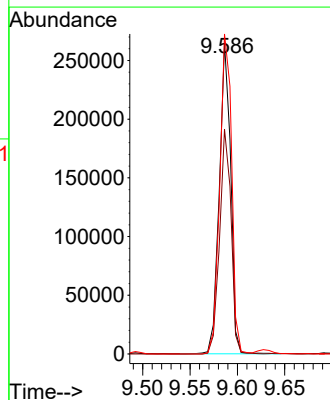
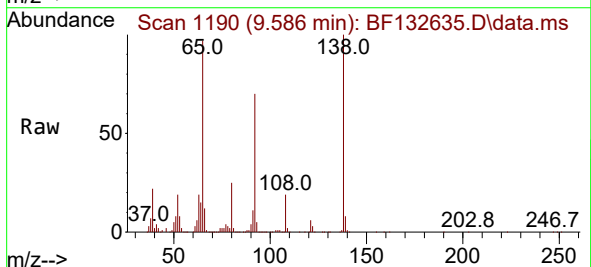
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

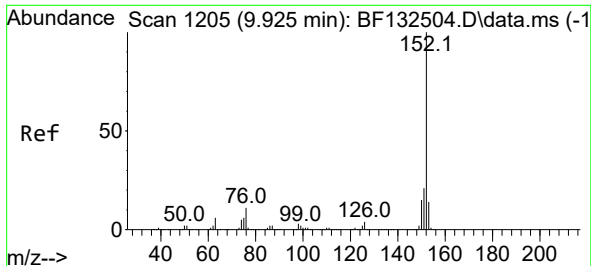
Tgt Ion:162 Resp: 706520
Ion Ratio Lower Upper
162 100
127 39.1 32.3 48.5
164 33.3 26.9 40.3



#48
2-Nitroaniline
Concen: 43.446 ng
RT: 9.586 min Scan# 1190
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion: 65 Resp: 221718
Ion Ratio Lower Upper
65 100
92 72.2 54.5 81.7
138 102.8 77.2 115.8





#49

Acenaphthylene

Concen: 49.097 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

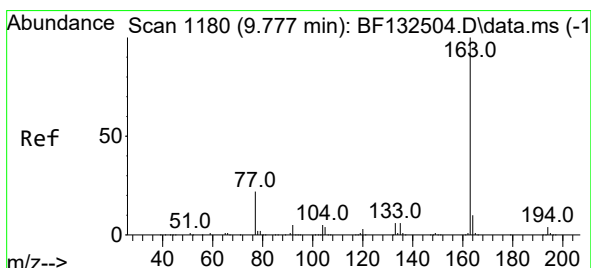
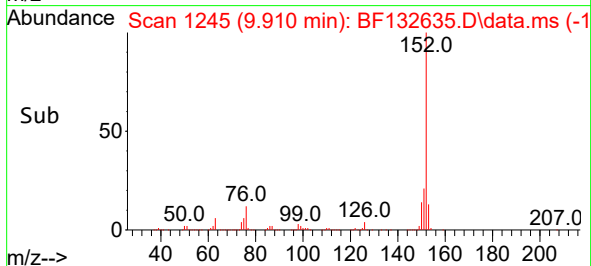
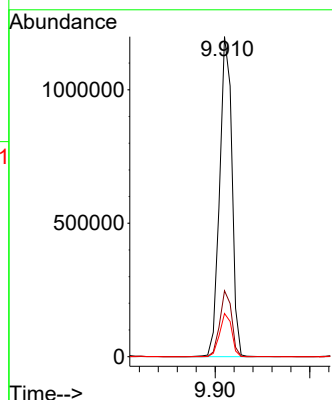
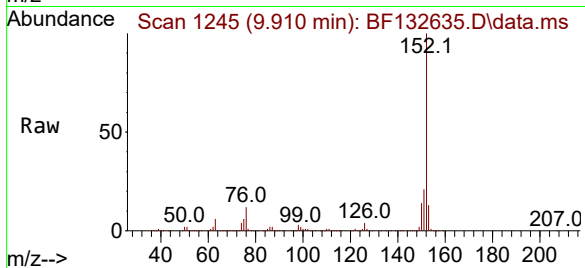
Tgt Ion:152 Resp: 1082715

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.5 11.0 16.6



#50

Dimethylphthalate

Concen: 48.689 ng

RT: 9.763 min Scan# 1220

Delta R.T. -0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

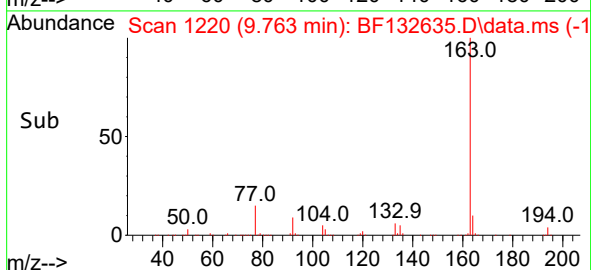
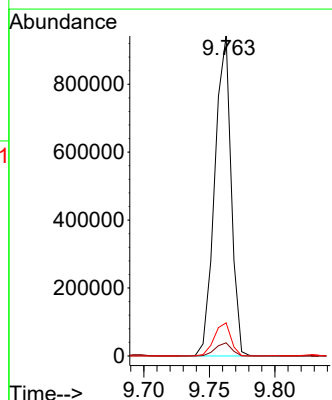
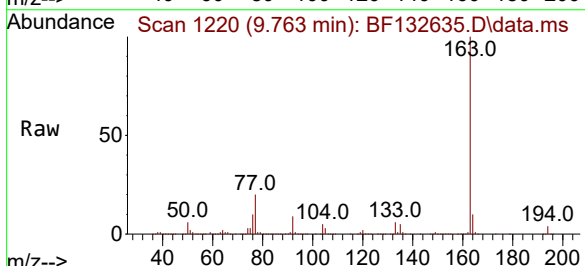
Tgt Ion:163 Resp: 818576

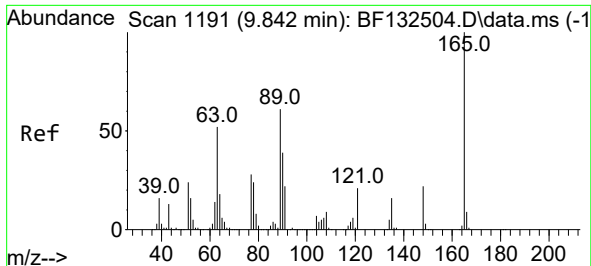
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.3 12.5

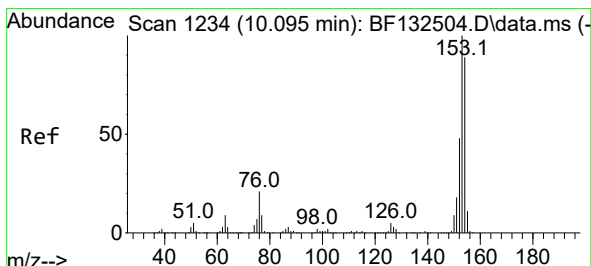
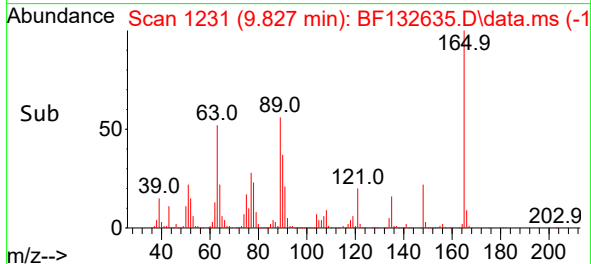
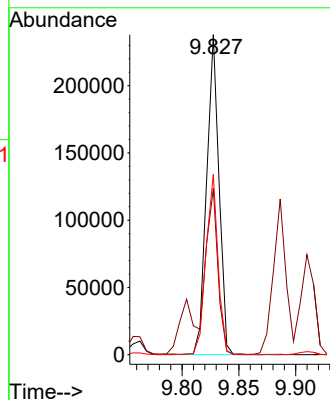
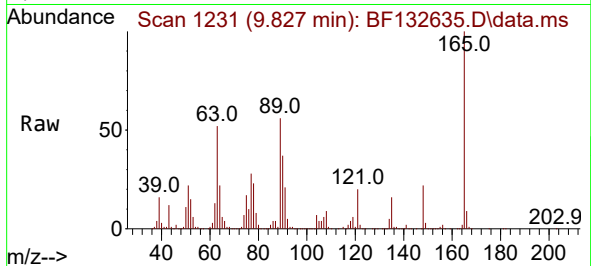




#51
2,6-Dinitrotoluene
Concen: 46.732 ng
RT: 9.827 min Scan# 1191
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

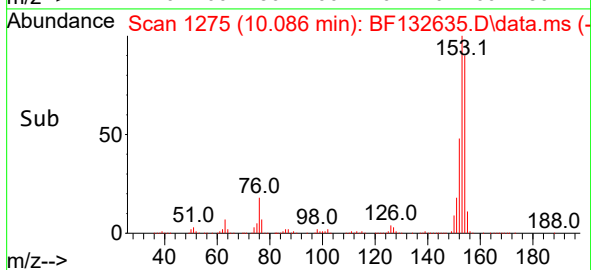
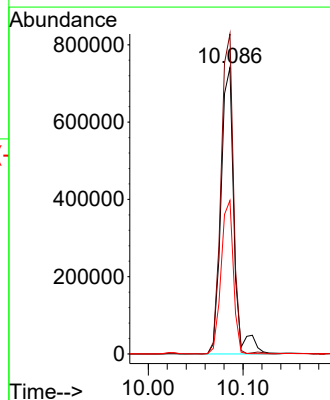
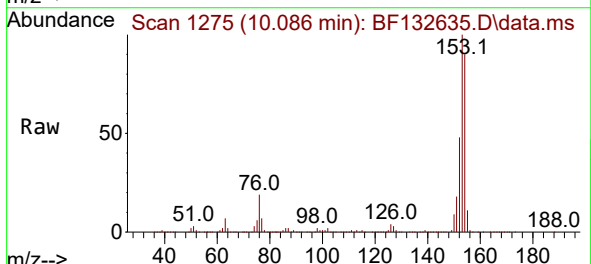
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

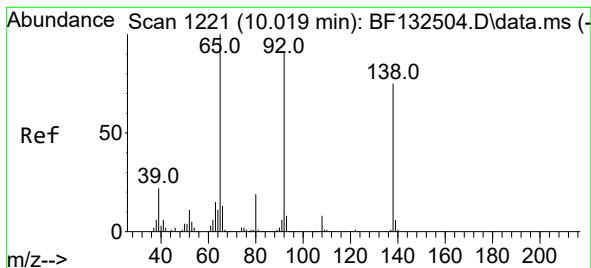
Tgt Ion:165 Resp: 178929
Ion Ratio Lower Upper
165 100
63 51.9 47.3 70.9
89 56.3 48.9 73.3



#52
Acenaphthene
Concen: 51.002 ng
RT: 10.086 min Scan# 1275
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:154 Resp: 714183
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.8
152 53.6 43.3 64.9

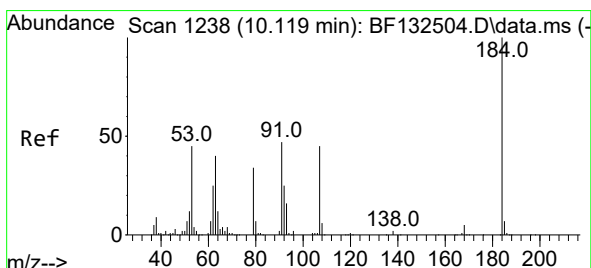
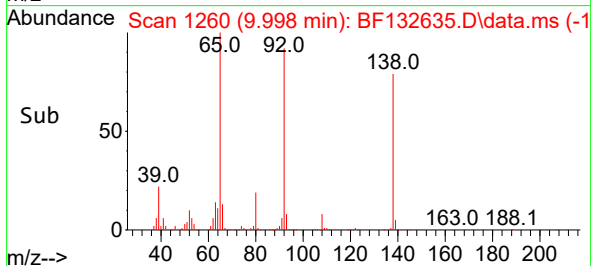
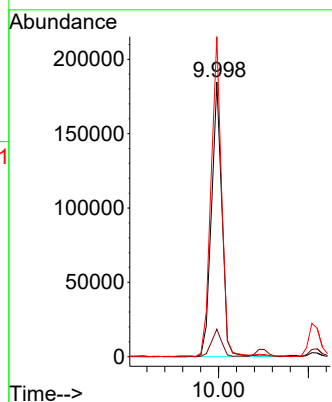
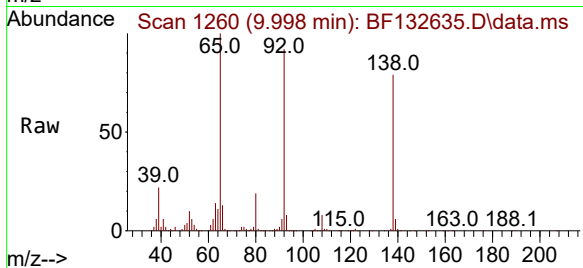




#53
3-Nitroaniline
Concen: 34.920 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

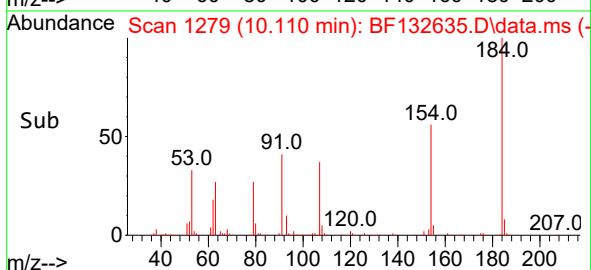
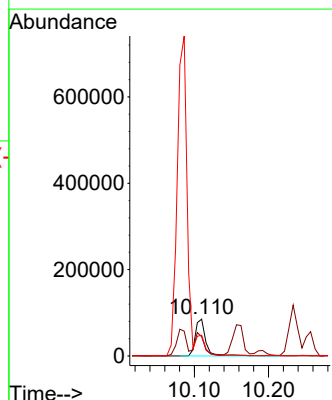
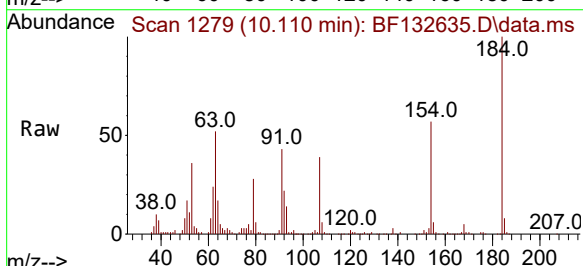
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

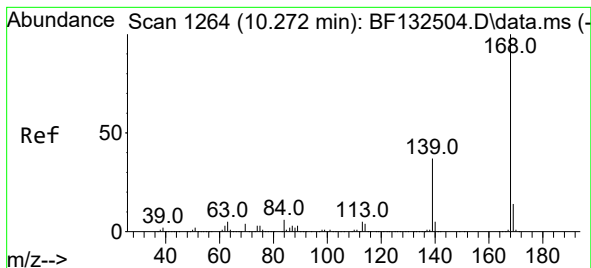
Tgt Ion:138 Resp: 149567
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 116.6 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 35.850 ng
RT: 10.110 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:184 Resp: 83985
Ion Ratio Lower Upper
184 100
63 52.2 51.4 77.2
154 56.6 48.3 72.5





#55

Dibenzenofuran

Concen: 48.999 ng

RT: 10.257 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

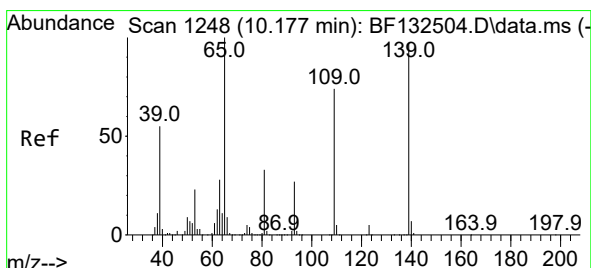
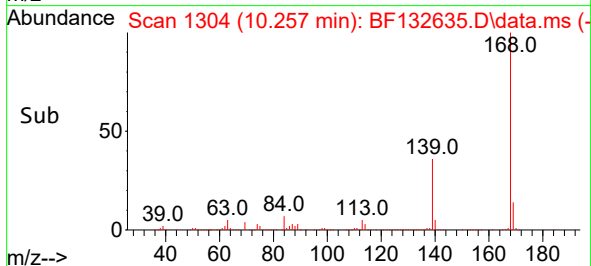
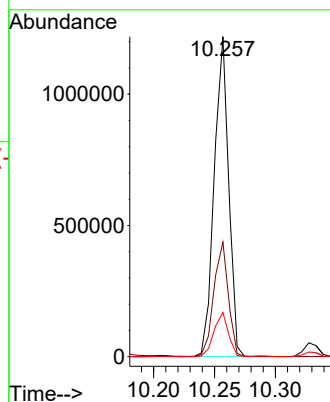
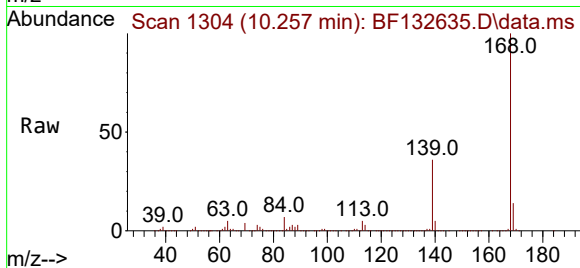
Tgt Ion:168 Resp: 1000276

Ion Ratio Lower Upper

168 100

139 35.8 29.8 44.6

169 13.8 10.9 16.3



#56

4-Nitrophenol

Concen: 85.255 ng

RT: 10.163 min Scan# 1288

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

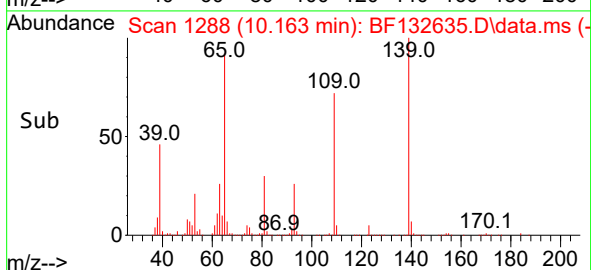
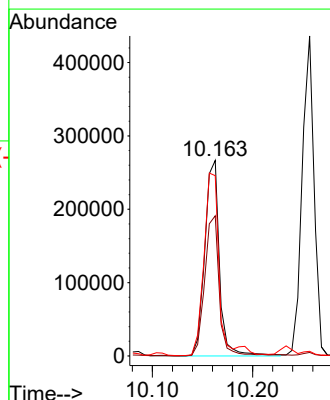
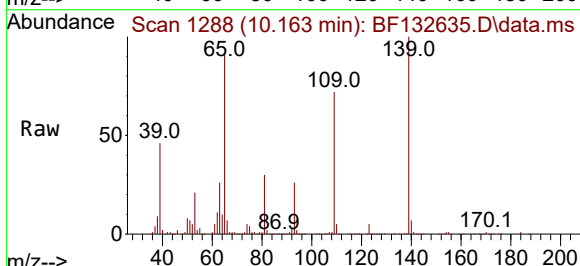
Tgt Ion:139 Resp: 272319

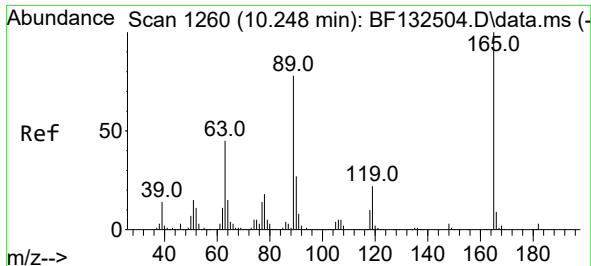
Ion Ratio Lower Upper

139 100

109 71.7 56.7 96.7

65 92.2 83.5 123.5

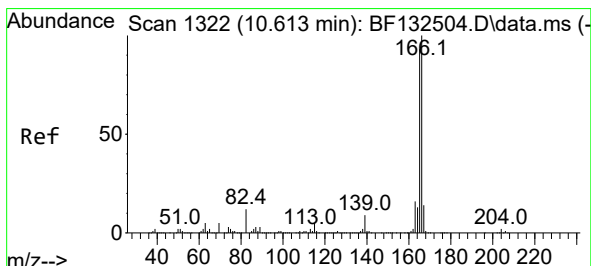
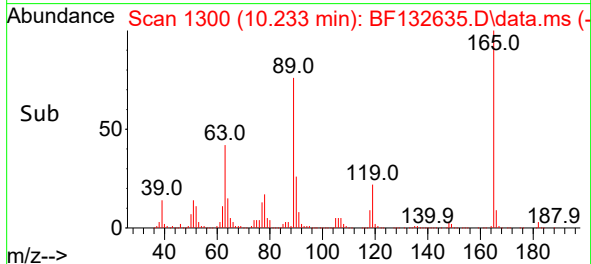
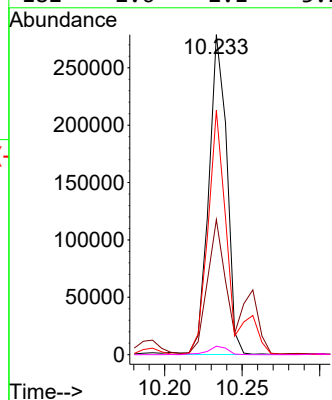
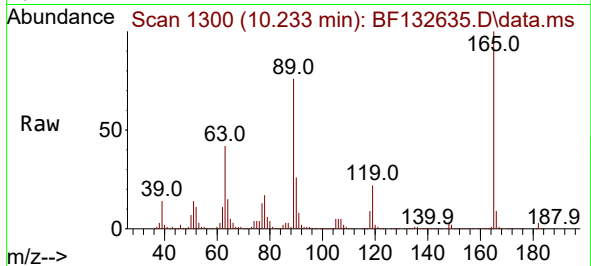




#57
2,4-Dinitrotoluene
Concen: 44.237 ng
RT: 10.233 min Scan# 1300
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

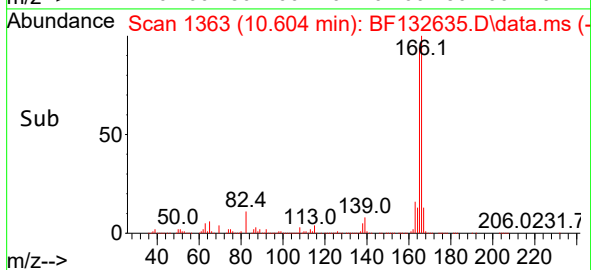
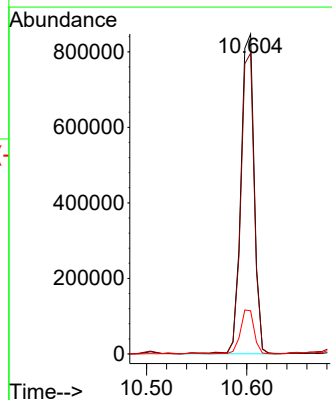
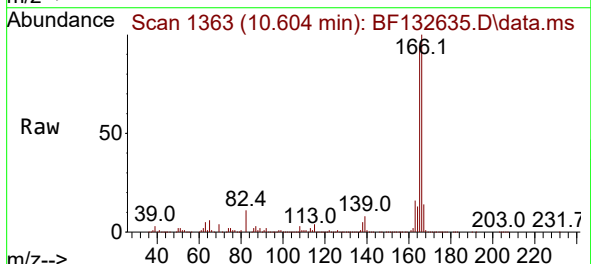
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

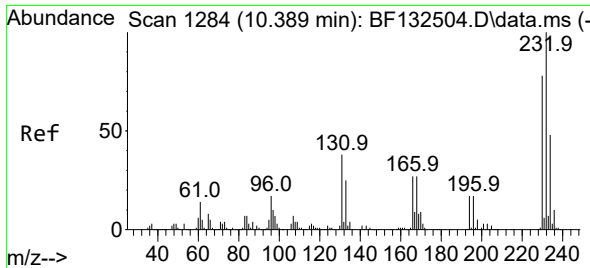
Tgt Ion:165 Resp: 225337
Ion Ratio Lower Upper
165 100
63 42.2 36.5 54.7
89 76.3 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 50.204 ng
RT: 10.604 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:166 Resp: 783924
Ion Ratio Lower Upper
166 100
165 94.0 74.2 111.4
167 13.5 11.1 16.7

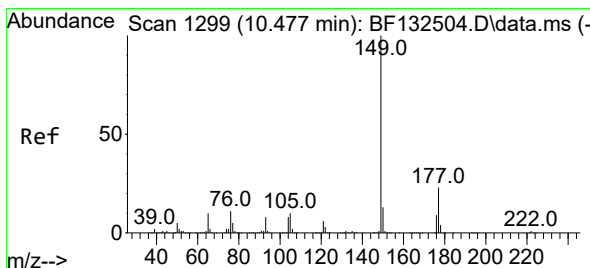
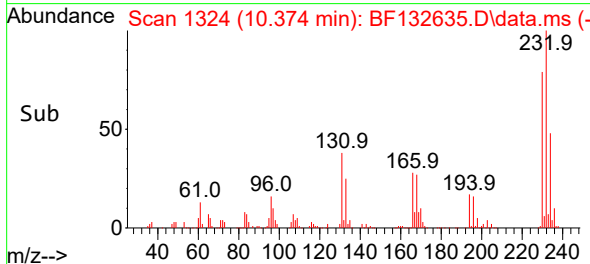
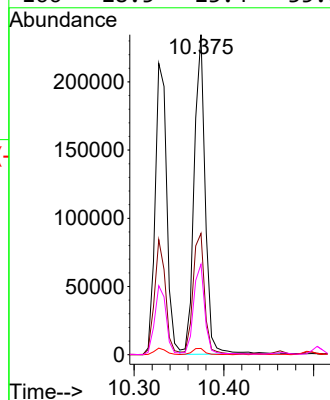
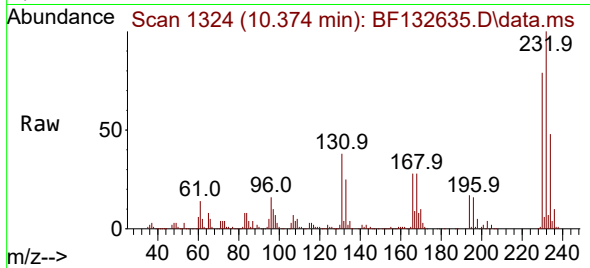




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.210 ng
RT: 10.374 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

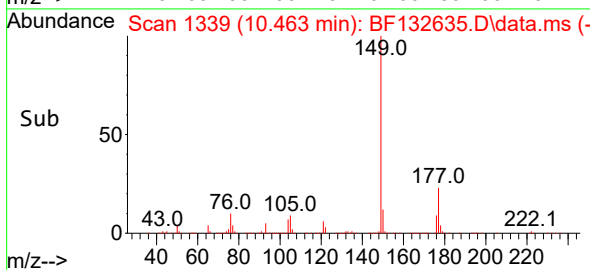
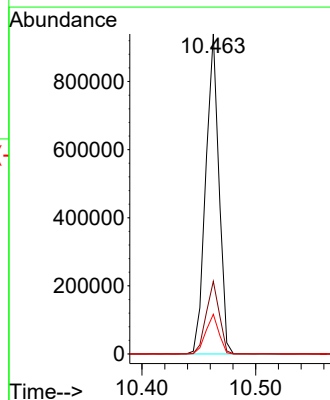
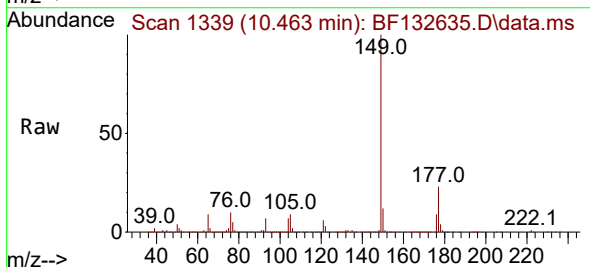
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

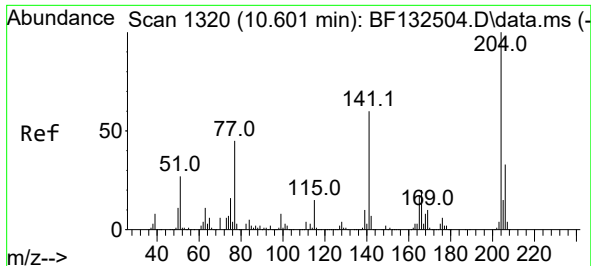
Tgt Ion:232 Resp: 200673
Ion Ratio Lower Upper
232 100
131 39.2 33.8 50.8
130 2.3 1.7 2.5
166 28.5 23.4 35.0



#60
Diethylphthalate
Concen: 45.887 ng
RT: 10.463 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:149 Resp: 753457
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.4 10.2 15.2

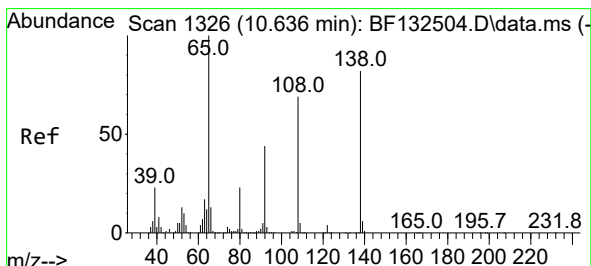
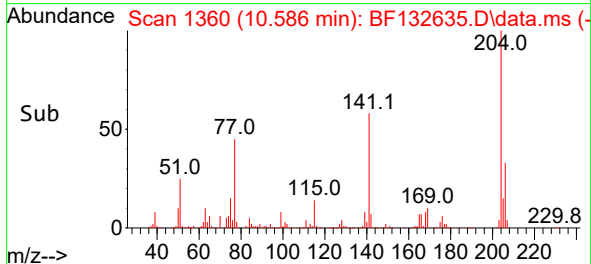
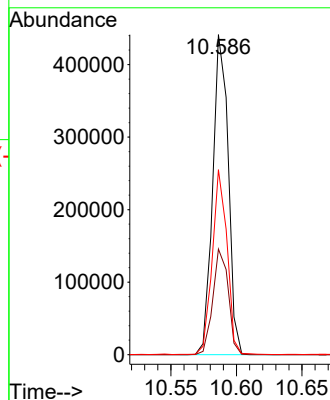
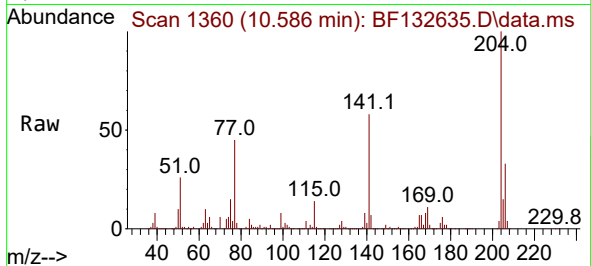




#61
4-Chlorophenyl-phenylether
Concen: 44.796 ng
RT: 10.586 min Scan# 1360
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

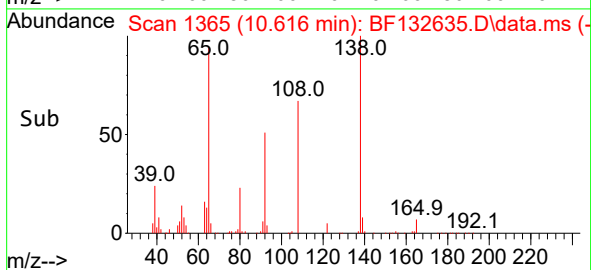
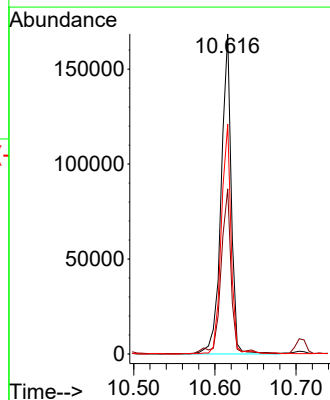
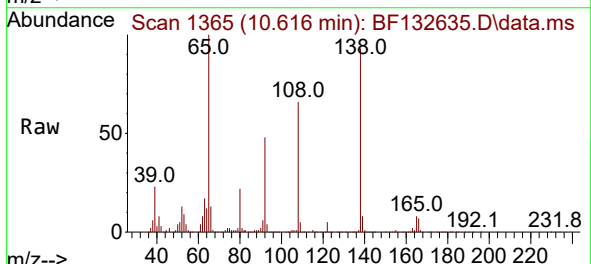
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

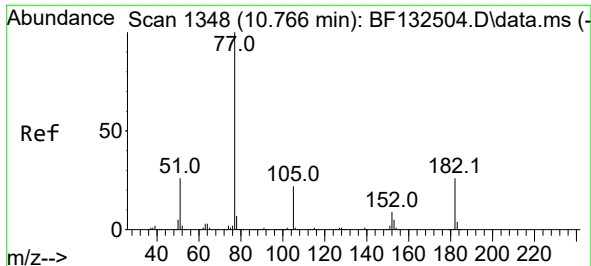
Tgt Ion:204 Resp: 362870
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 57.8 47.8 71.8



#62
4-Nitroaniline
Concen: 35.021 ng
RT: 10.616 min Scan# 1365
Delta R.T. -0.015 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:138 Resp: 147240
Ion Ratio Lower Upper
138 100
92 51.6 33.8 73.8
108 71.8 63.7 103.7

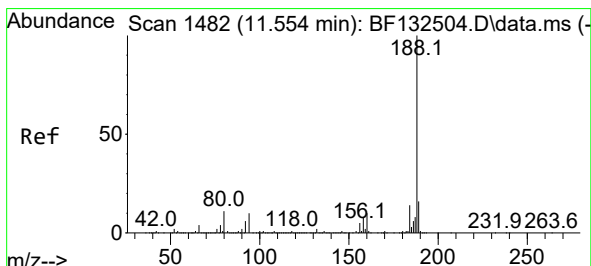
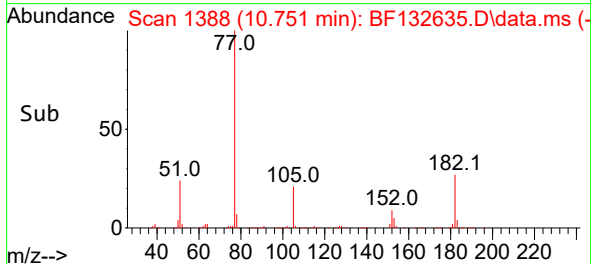
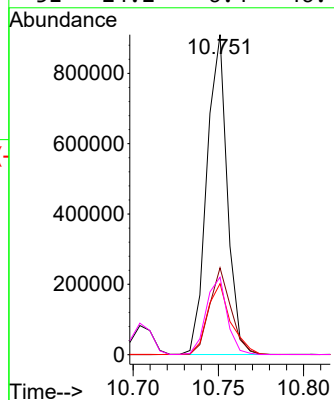
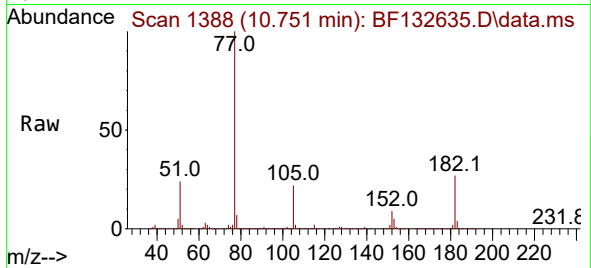




#63
Azobenzene
Concen: 43.451 ng
RT: 10.751 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

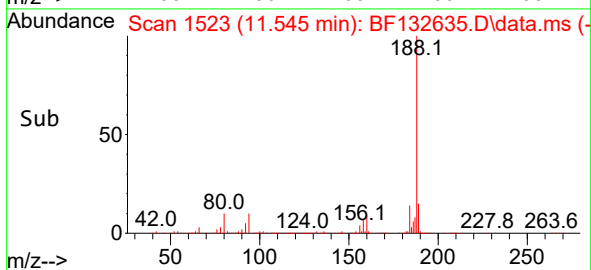
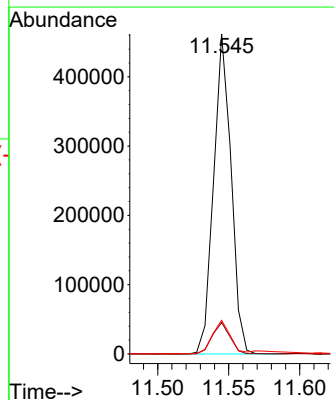
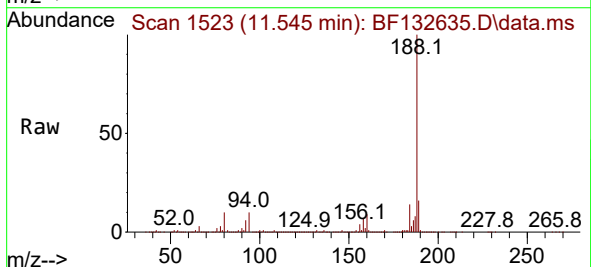
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

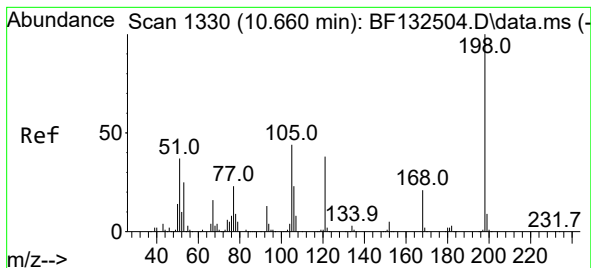
Tgt Ion:	77	Resp:	755610
Ion	Ratio	Lower	Upper
77	100		
182	27.2	5.5	45.5
105	22.2	1.8	41.8
51	24.2	6.4	46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:	188	Resp:	396128
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.3	12.5
80	10.5	8.7	13.1

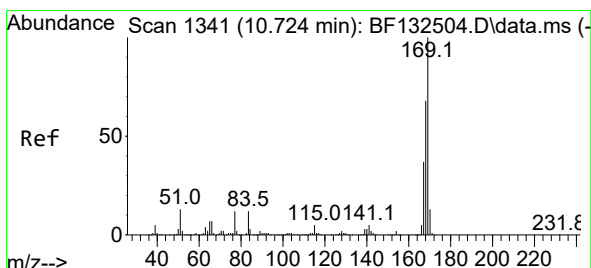
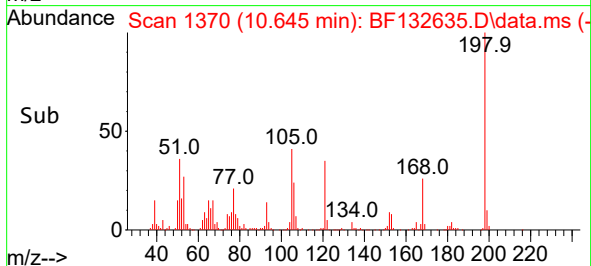
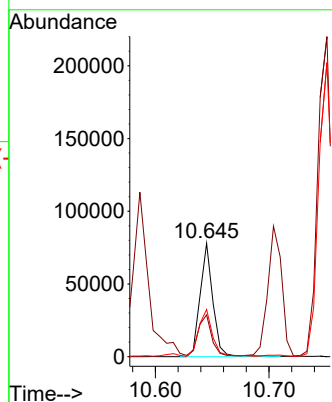
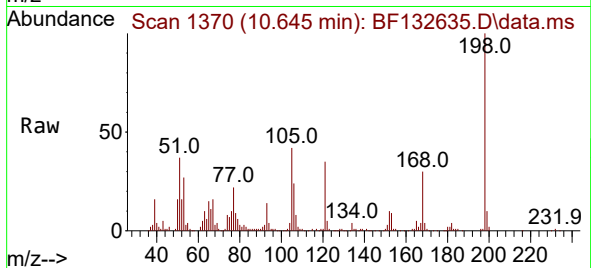




#65
4,6-Dinitro-2-methylphenol
Concen: 22.736 ng
RT: 10.645 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

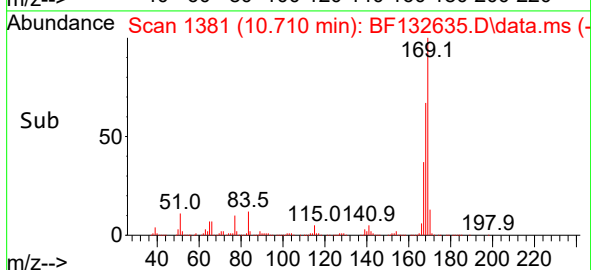
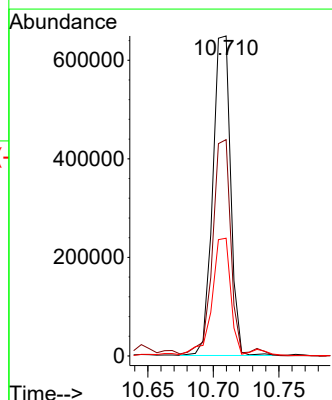
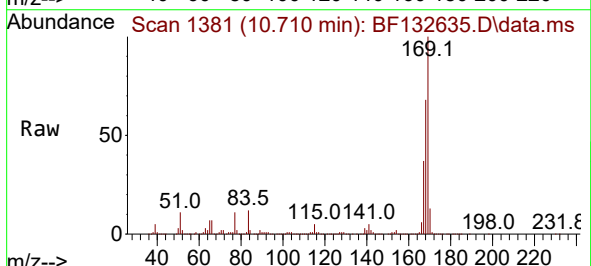
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

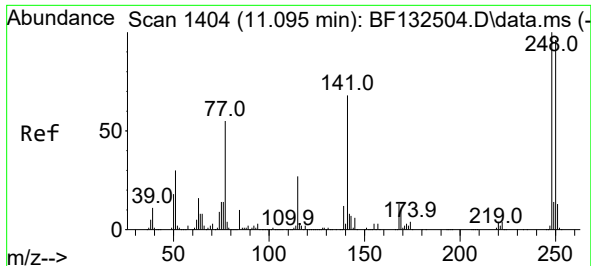
Tgt Ion:198 Resp: 60968
Ion Ratio Lower Upper
198 100
51 36.7 20.6 60.6
105 41.6 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 49.731 ng
RT: 10.710 min Scan# 1381
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:169 Resp: 614154
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.4
167 36.8 29.6 44.4

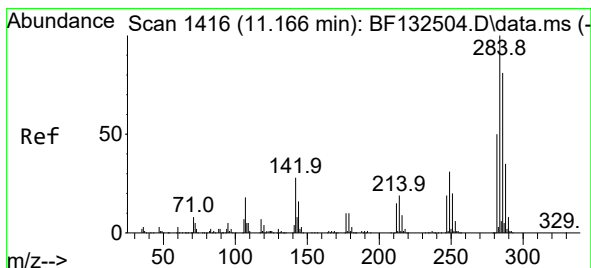
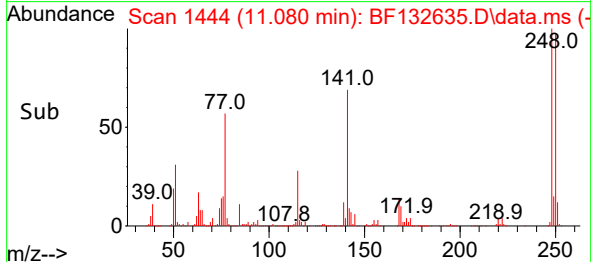
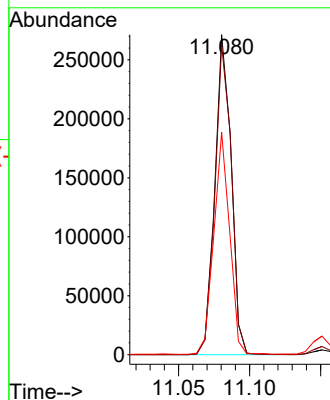
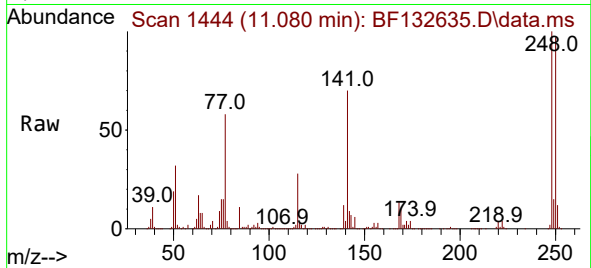




#67
4-Bromophenyl-phenylether
Concen: 48.371 ng
RT: 11.080 min Scan# 1444
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

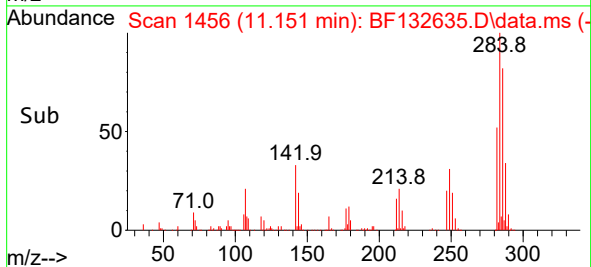
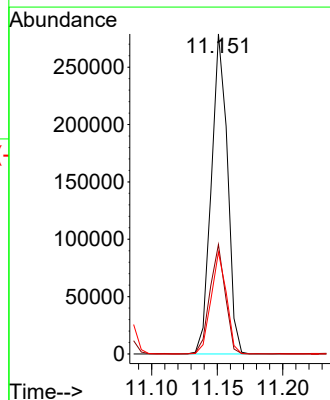
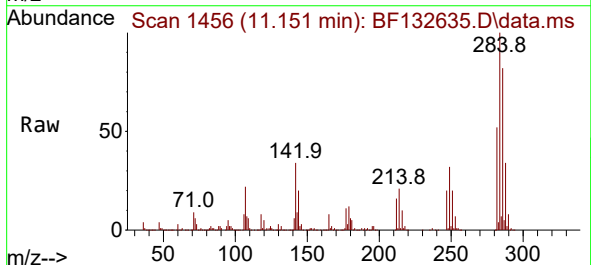
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

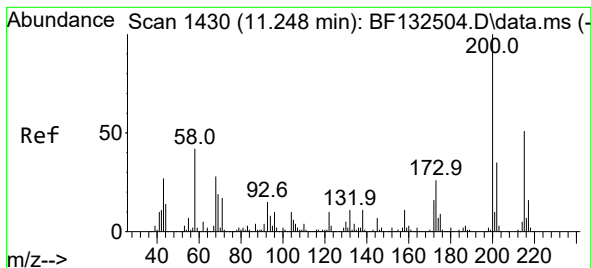
Tgt Ion:248 Resp: 216744
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.4
141 69.6 54.2 81.2



#68
Hexachlorobenzene
Concen: 50.503 ng
RT: 11.151 min Scan# 1456
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:284 Resp: 238115
Ion Ratio Lower Upper
284 100
142 34.2 22.2 33.4#
249 31.8 24.9 37.3





#69

Atrazine

Concen: 51.189 ng

RT: 11.233 min Scan# 14

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

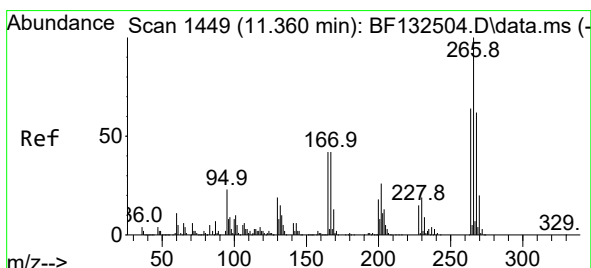
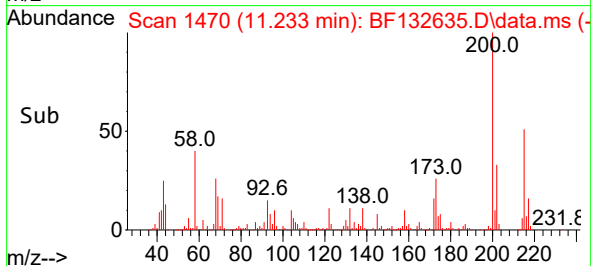
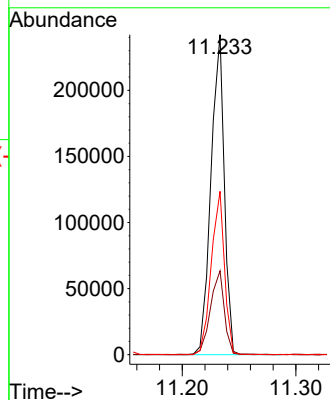
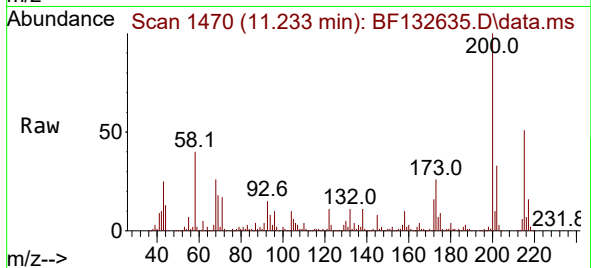
Tgt Ion:200 Resp: 197354

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

215 51.0 31.0 71.0



#70

Pentachlorophenol

Concen: 94.035 ng

RT: 11.351 min Scan# 1490

Delta R.T. 0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

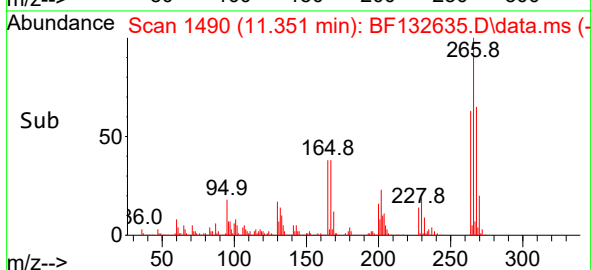
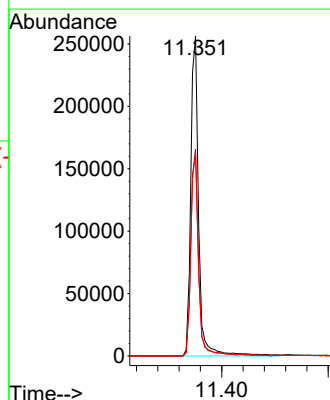
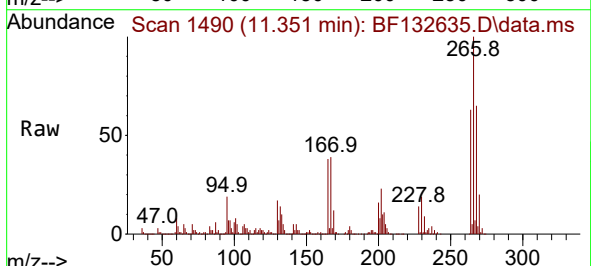
Tgt Ion:266 Resp: 263785

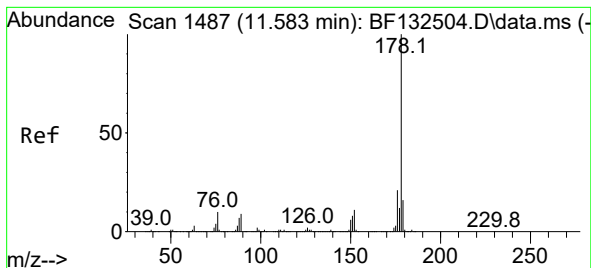
Ion Ratio Lower Upper

266 100

268 64.7 49.8 74.6

264 63.4 50.9 76.3





#71

Phenanthrene

Concen: 75.573 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

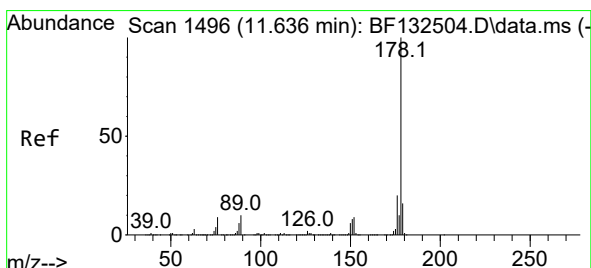
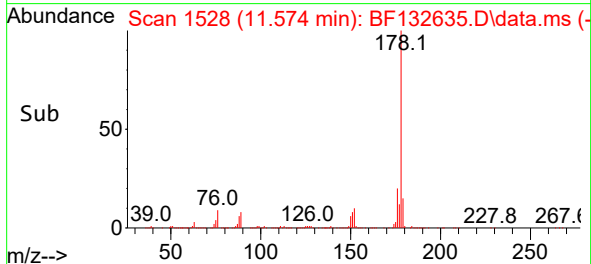
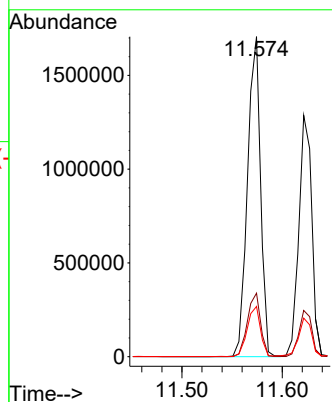
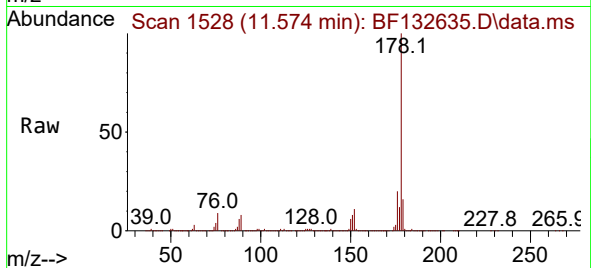
Tgt Ion:178 Resp: 1550854

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

179 15.7 13.0 19.6



#72

Anthracene

Concen: 54.350 ng

RT: 11.621 min Scan# 1536

Delta R.T. -0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

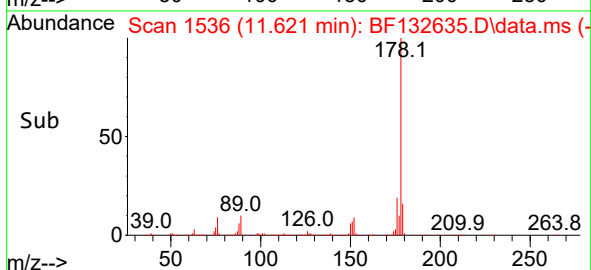
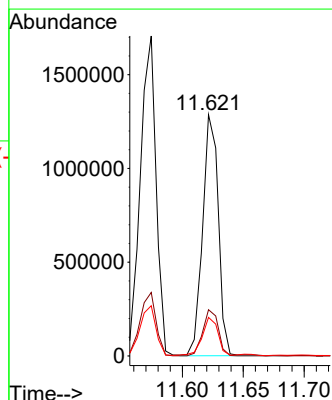
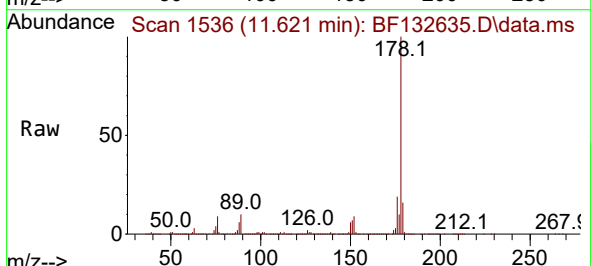
Tgt Ion:178 Resp: 1148551

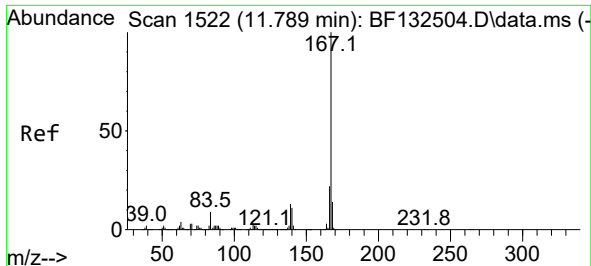
Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 16.0 12.5 18.7

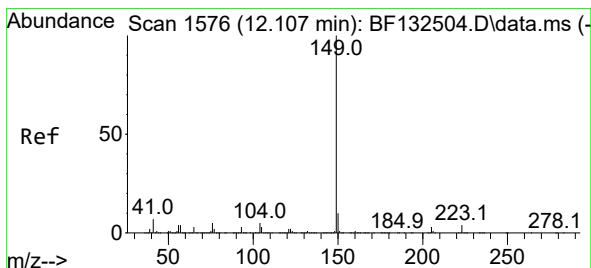
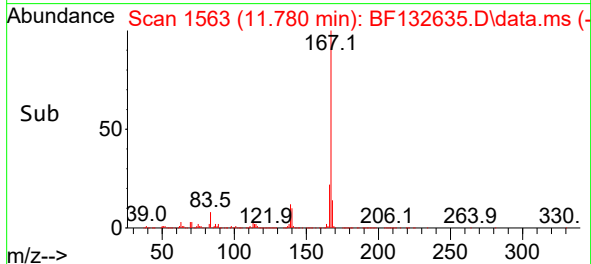
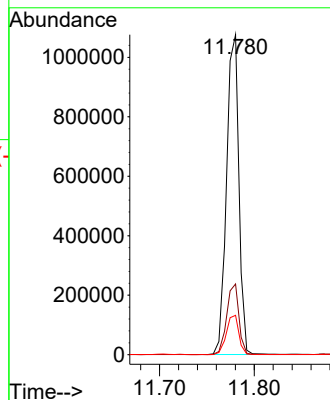
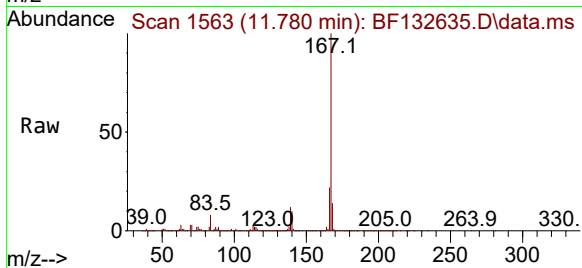




#73
 Carbazole
 Concen: 51.384 ng
 RT: 11.780 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132635.D
 Acq: 03 Mar 2023 18:38

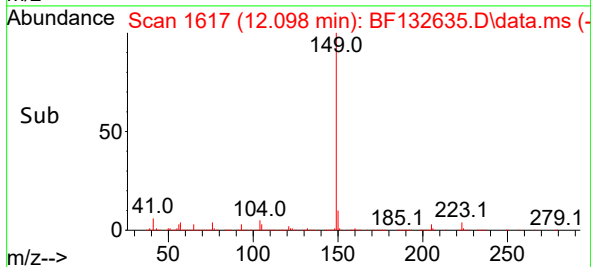
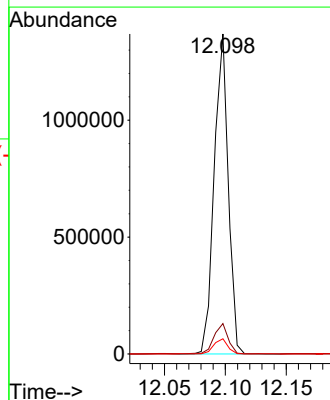
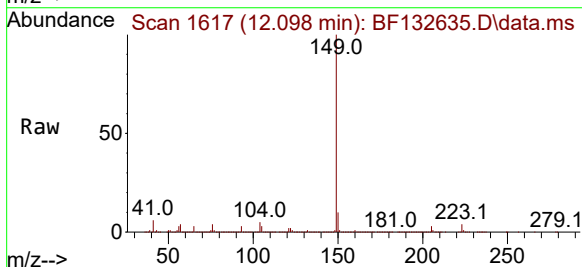
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

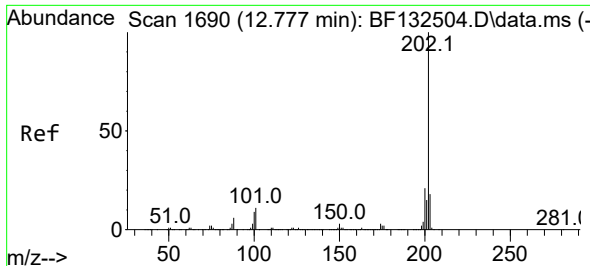
Tgt Ion:167 Resp: 979007
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 12.3 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 49.141 ng
 RT: 12.098 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132635.D
 Acq: 03 Mar 2023 18:38

Tgt Ion:149 Resp: 1098261
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.7 4.3 6.5

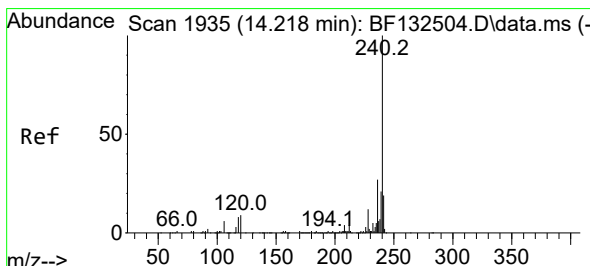
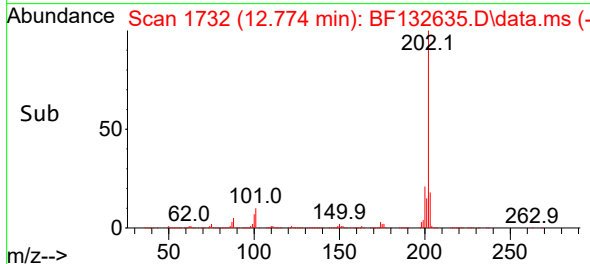
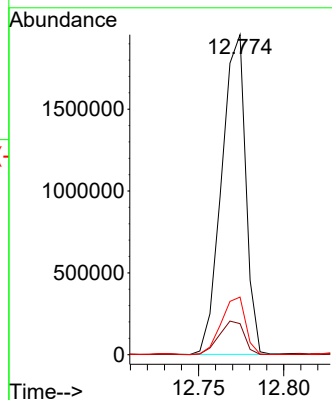
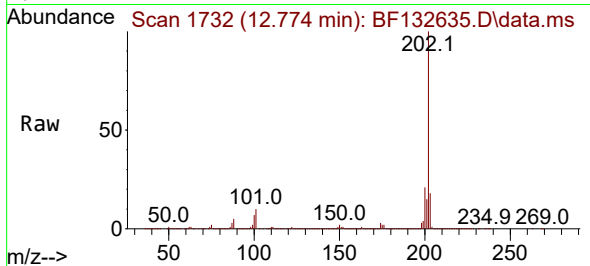




#75
Fluoranthene
Concen: 85.489 ng
RT: 12.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

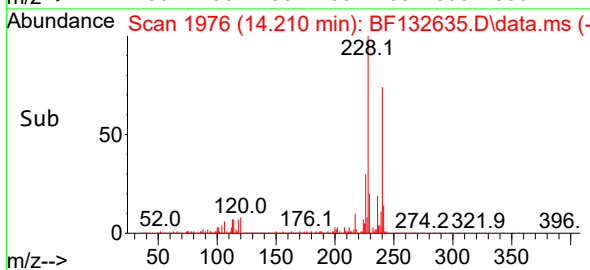
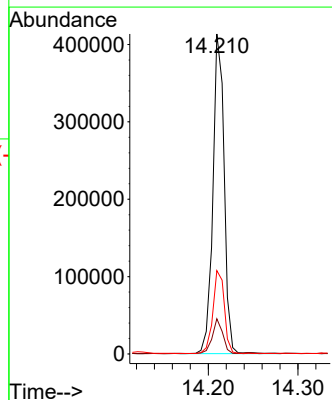
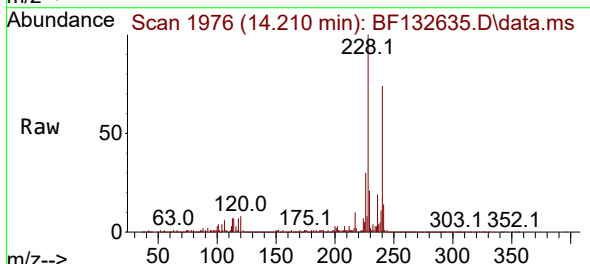
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

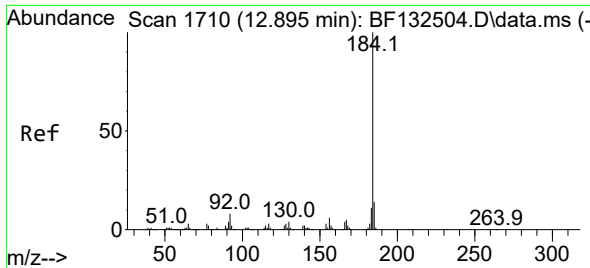
Tgt Ion:202 Resp: 1917862
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.4
203 18.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.210 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:240 Resp: 360370
Ion Ratio Lower Upper
240 100
120 11.0 7.2 10.8#
236 26.1 21.8 32.6

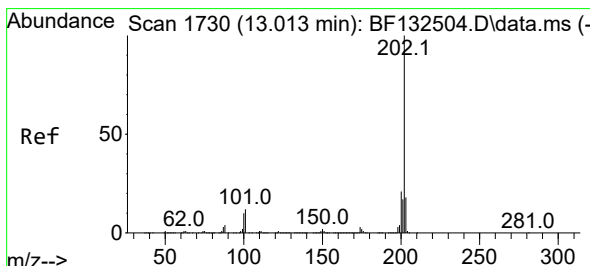
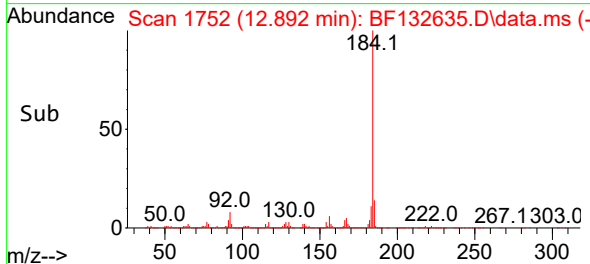
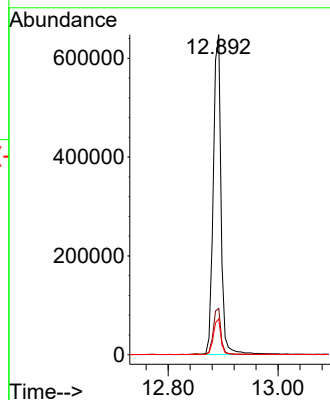
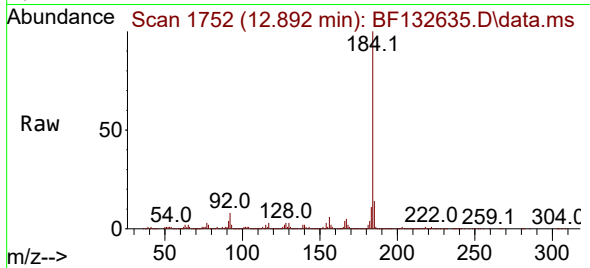




#77
Benzidine
Concen: 72.215 ng
RT: 12.892 min Scan# 1710
Delta R.T. 0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

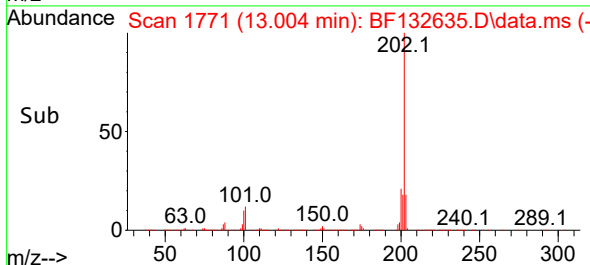
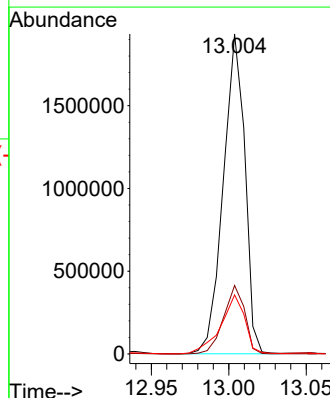
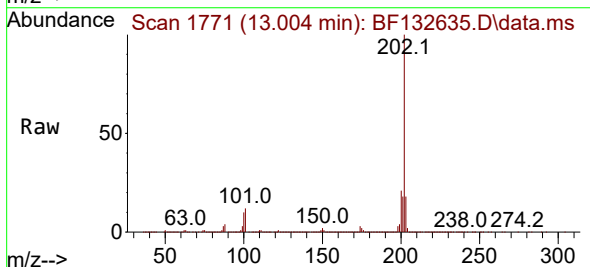
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

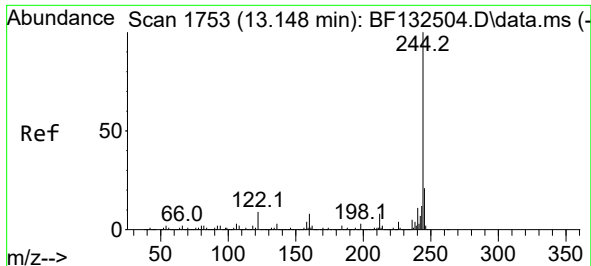
Tgt Ion:184 Resp: 633504
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 11.2 8.7 13.1



#78
Pyrene
Concen: 57.083 ng
RT: 13.004 min Scan# 1771
Delta R.T. 0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:202 Resp: 1870251
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.5 14.6 21.8

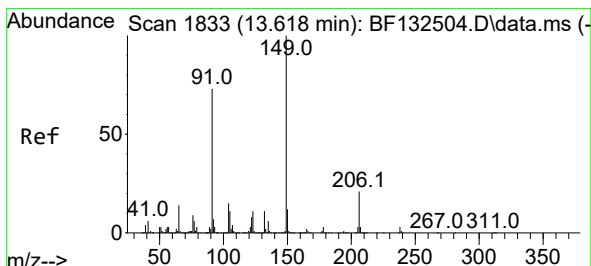
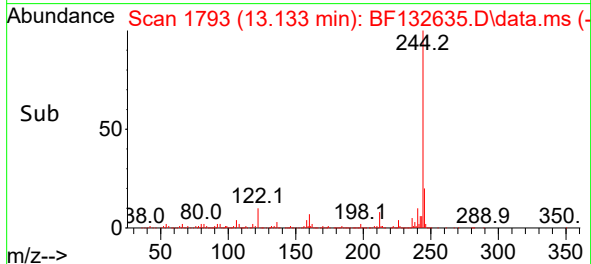
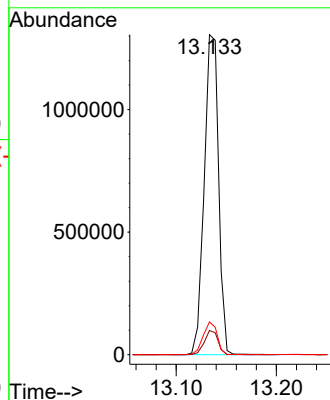
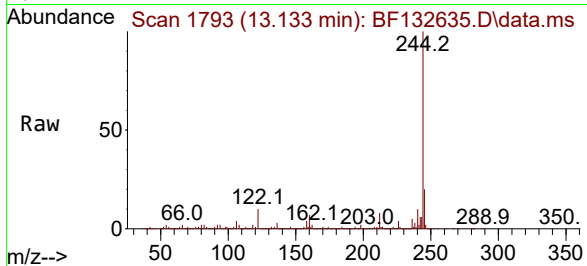




#79
 Terphenyl-d14
 Concen: 61.341 ng
 RT: 13.133 min Scan# 1
 Delta R.T. -0.009 min
 Lab File: BF132635.D
 Acq: 03 Mar 2023 18:38

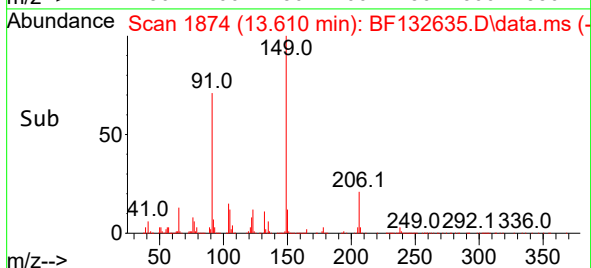
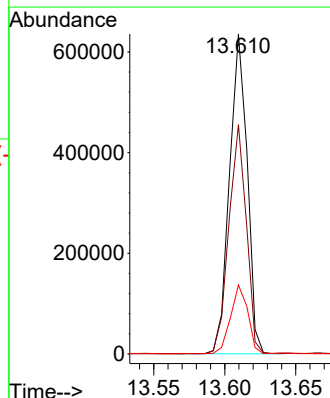
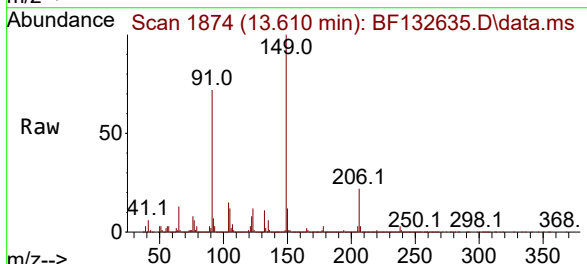
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

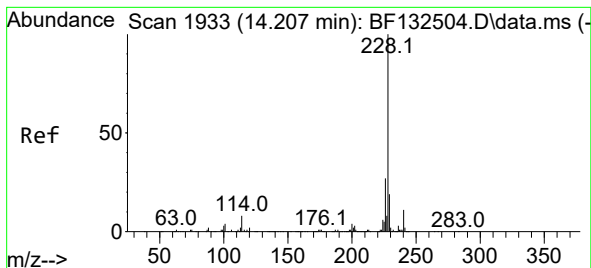
Tgt Ion:244 Resp: 1307440
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 10.3 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 42.560 ng
 RT: 13.610 min Scan# 1874
 Delta R.T. -0.003 min
 Lab File: BF132635.D
 Acq: 03 Mar 2023 18:38

Tgt Ion:149 Resp: 550274
 Ion Ratio Lower Upper
 149 100
 91 71.6 58.4 87.6
 206 21.5 16.8 25.2





#81

Benzo(a)anthracene

Concen: 61.105 ng

RT: 14.204 min Scan# 1967

Delta R.T. 0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

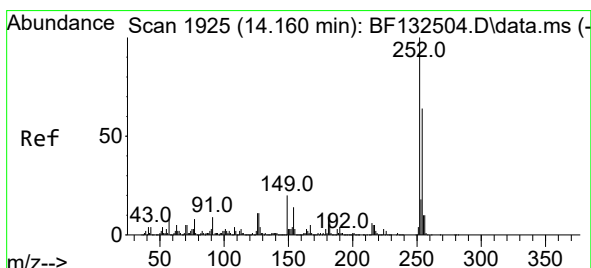
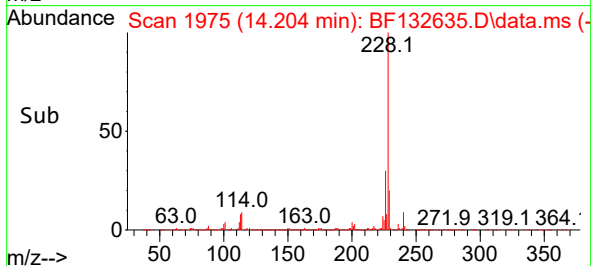
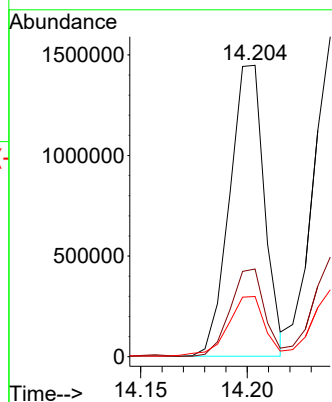
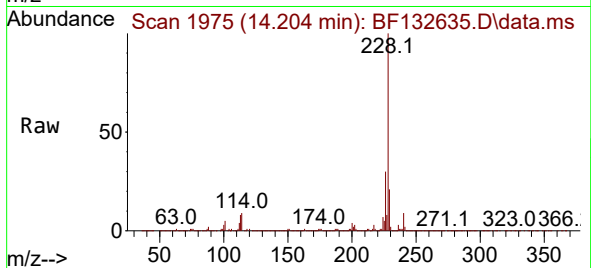
Tgt Ion:228 Resp: 1647625

Ion Ratio Lower Upper

228 100

226 30.1 21.7 32.5

229 20.6 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 50.893 ng

RT: 14.157 min Scan# 1967

Delta R.T. 0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

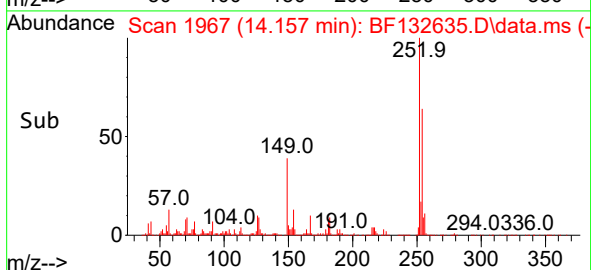
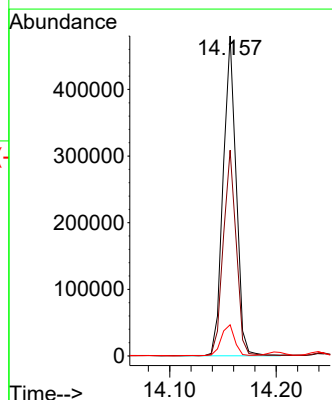
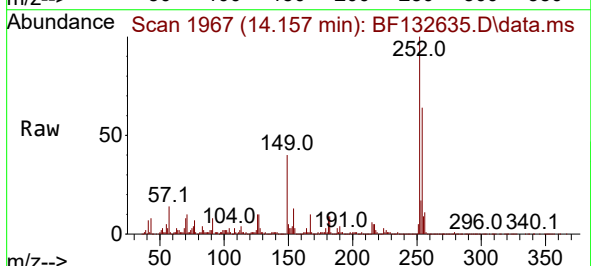
Tgt Ion:252 Resp: 404570

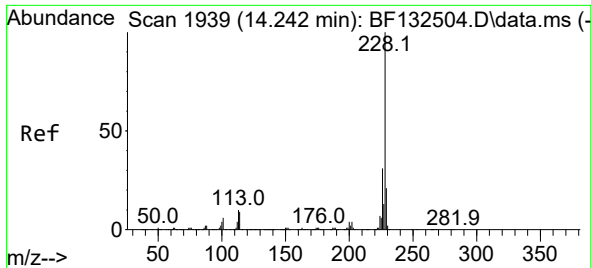
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 9.7 8.9 13.3

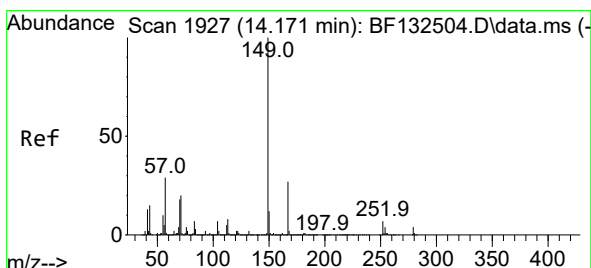
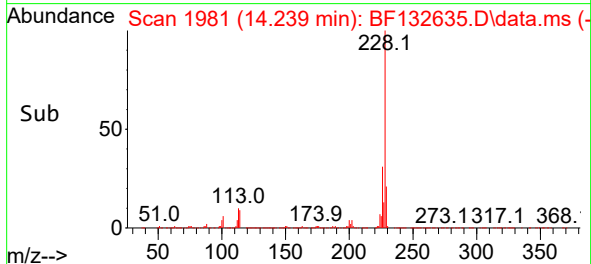
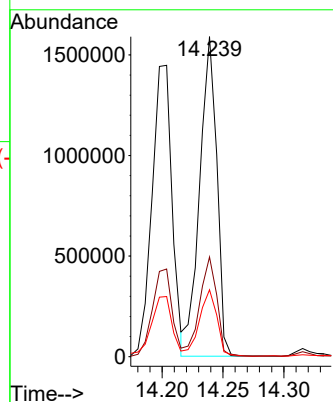
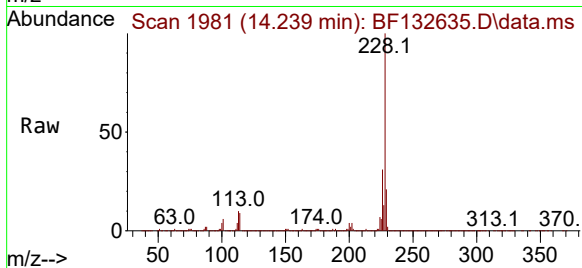




#83
Chrysene
Concen: 61.901 ng
RT: 14.239 min Scan# 1939
Delta R.T. 0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

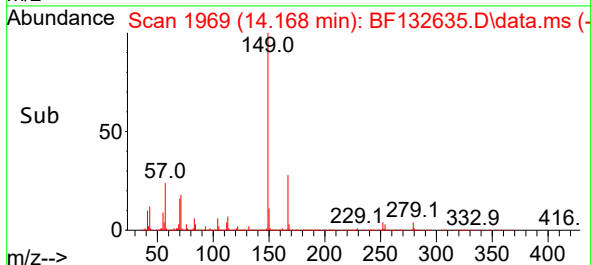
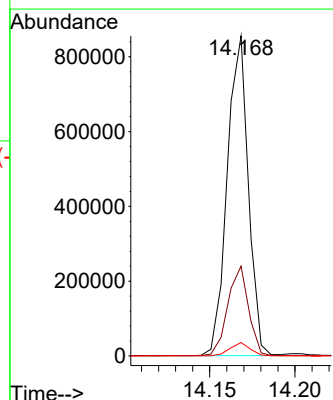
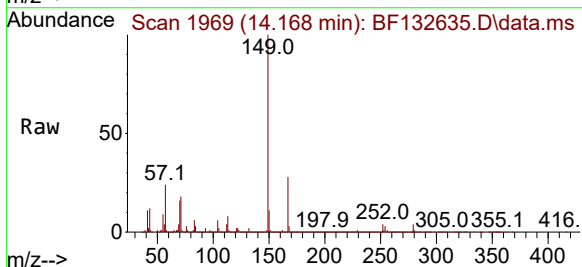
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

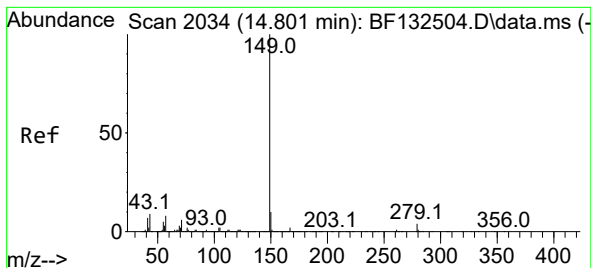
Tgt Ion:228 Resp: 1560804
Ion Ratio Lower Upper
228 100
226 31.2 25.0 37.6
229 20.9 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.406 ng
RT: 14.168 min Scan# 1969
Delta R.T. 0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:149 Resp: 737072
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.6
279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 59.919 ng

RT: 14.798 min Scan# 20

Delta R.T. 0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

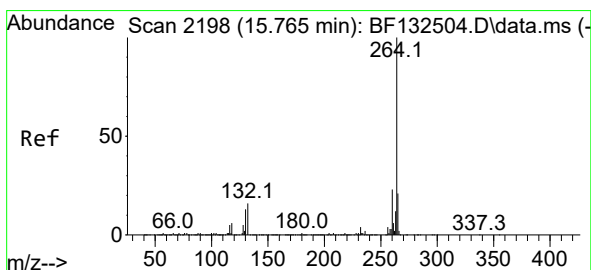
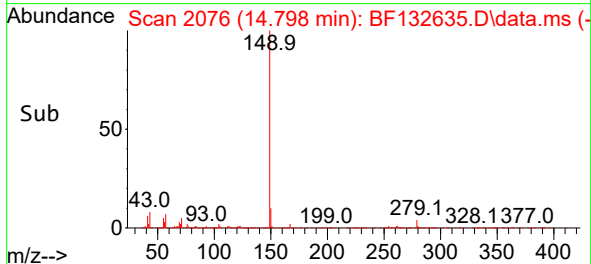
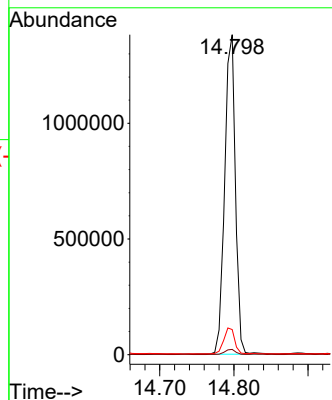
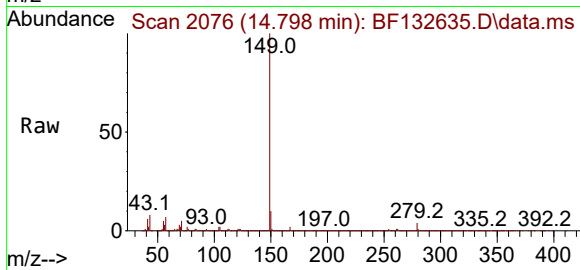
Tgt Ion:149 Resp: 1390726

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.1 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.762 min Scan# 2240

Delta R.T. 0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

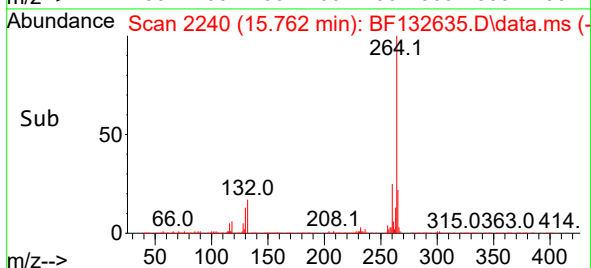
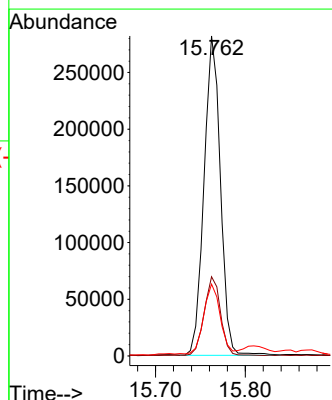
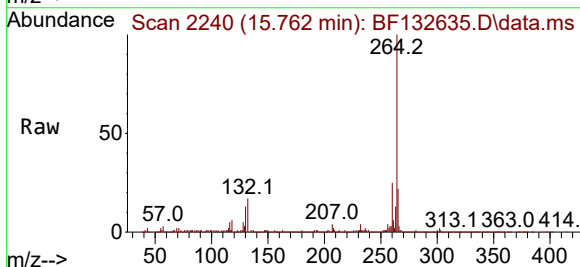
Tgt Ion:264 Resp: 357732

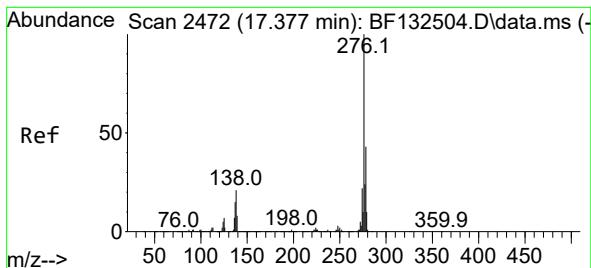
Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 22.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.166 ng

RT: 17.374 min Scan# 2162

Delta R.T. 0.015 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

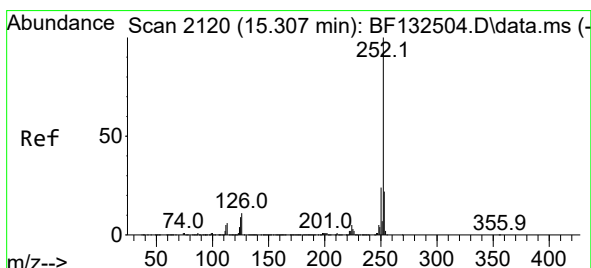
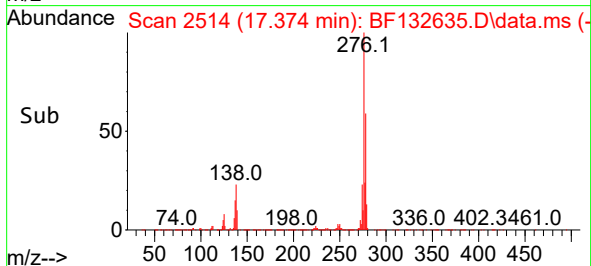
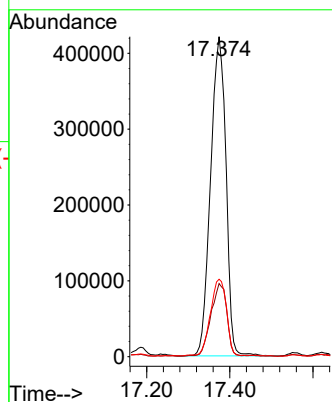
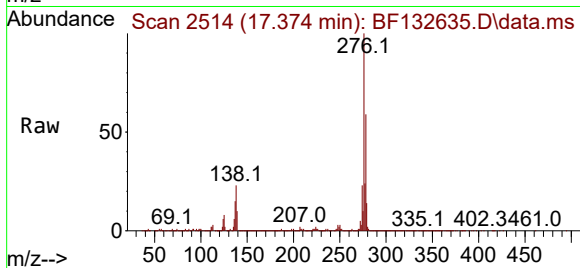
Tgt Ion:276 Resp: 1082134

Ion Ratio Lower Upper

276 100

138 23.5 19.0 28.4

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 73.213 ng

RT: 15.304 min Scan# 2162

Delta R.T. 0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

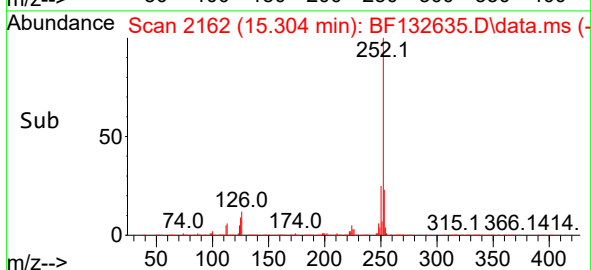
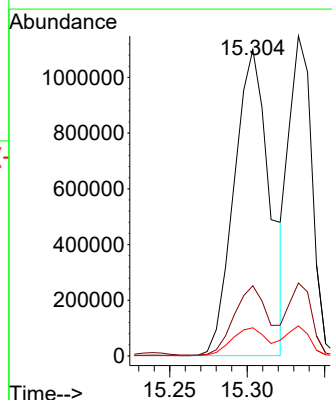
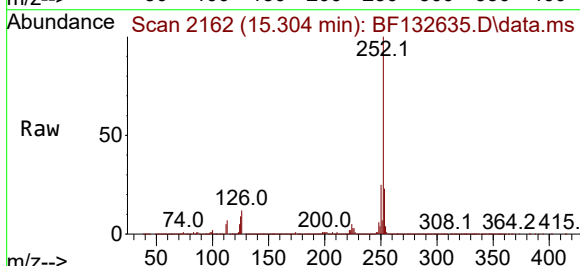
Tgt Ion:252 Resp: 1755163

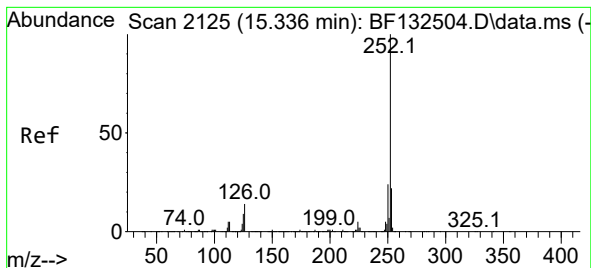
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 50.945 ng

RT: 15.333 min Scan# 21

Delta R.T. 0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

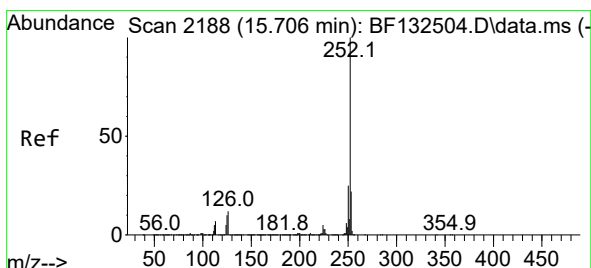
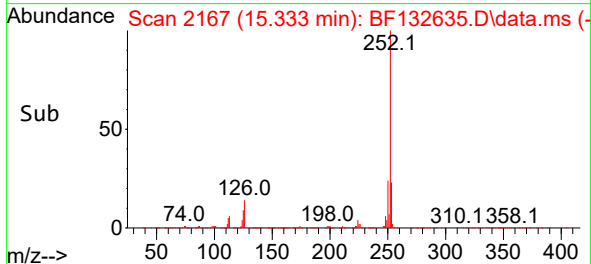
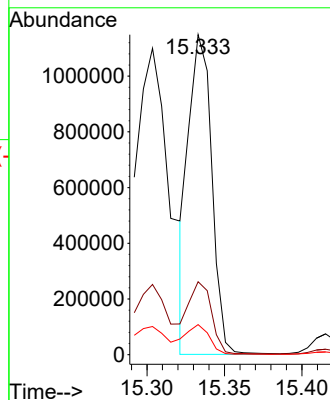
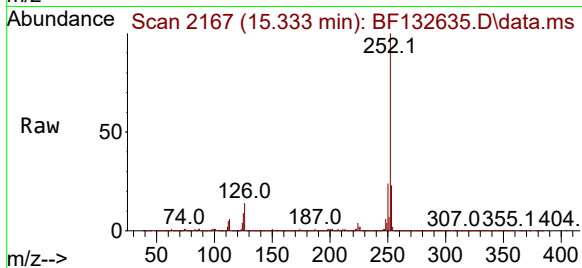
Tgt Ion:252 Resp: 1195300

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 9.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 57.027 ng

RT: 15.704 min Scan# 2230

Delta R.T. 0.015 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

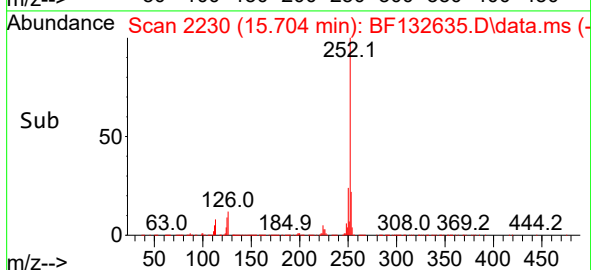
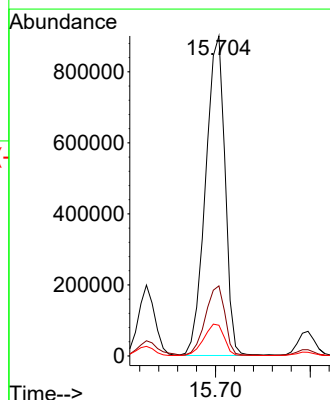
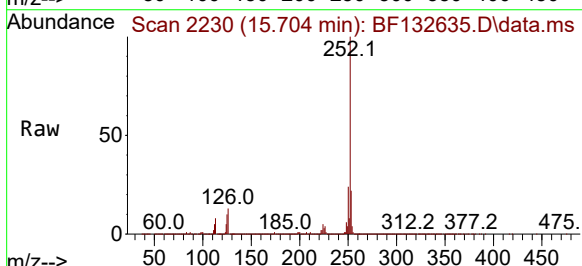
Tgt Ion:252 Resp: 1279533

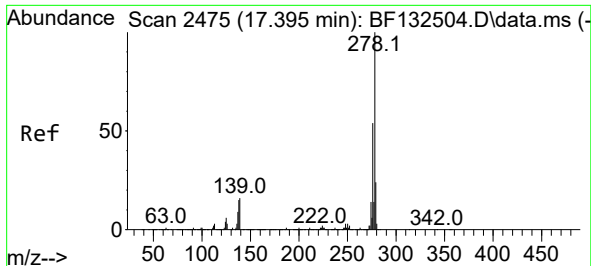
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.6 8.0 12.0

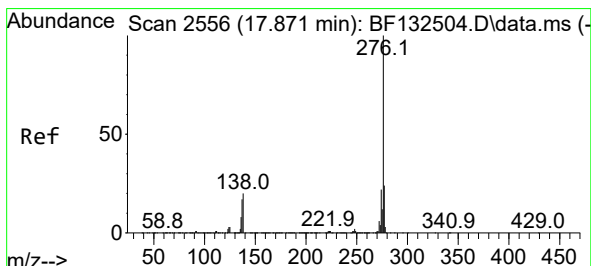
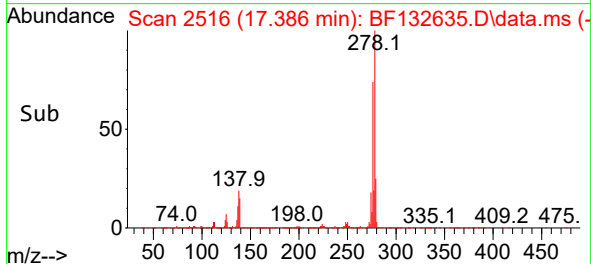
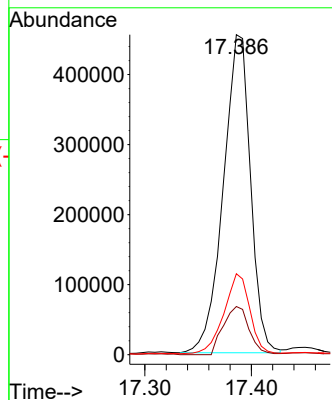
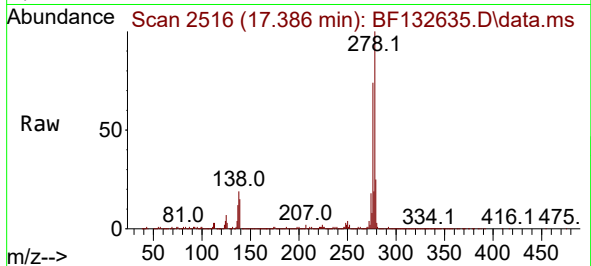




#91
Dibenzo(a,h)anthracene
Concen: 42.146 ng
RT: 17.386 min Scan# 21
Delta R.T. 0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tgt Ion:278 Resp: 804919
Ion Ratio Lower Upper
278 100
139 15.0 13.0 19.4
279 25.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 40.200 ng
RT: 17.862 min Scan# 2597
Delta R.T. 0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:276 Resp: 861780
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 20.8 16.2 24.4

