

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
 Data File : BF132634.D
 Acq On : 03 Mar 2023 18:06
 Operator : CG\JU
 Sample : 01770-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Quant Time: Mar 04 02:19:08 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	183325	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	602984	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	264750	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	450537	20.000	ng	0.00
76) Chrysene-d12	14.210	240	404405	20.000	ng	# 0.00
86) Perylene-d12	15.762	264	416400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1112389	98.479	ng	0.00
7) Phenol-d6	6.628	99	1367987	92.796	ng	0.00
23) Nitrobenzene-d5	7.569	82	872632	68.661	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	263039	91.998	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1216917	69.989	ng	0.00
79) Terphenyl-d14	13.133	244	1261594	52.745	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.928	88	250683	40.120	ng	97
3) Pyridine	3.687	79	638675	38.508	ng	95
4) n-Nitrosodimethylamine	3.651	42	244345	39.003	ng	85
6) Aniline	6.663	93	523914	26.408	ng	96
8) 2-Chlorophenol	6.787	128	502833	42.891	ng	96
9) Benzaldehyde	6.551	77	261193	32.835	ng	99
10) Phenol	6.645	94	651844	38.568	ng	91
11) bis(2-Chloroethyl)ether	6.734	93	552102	42.315	ng	94
12) 1,3-Dichlorobenzene	6.945	146	545617	43.369	ng	97
13) 1,4-Dichlorobenzene	7.022	146	546990	43.543	ng	98
14) 1,2-Dichlorobenzene	7.175	146	514439	42.671	ng	97
15) Benzyl Alcohol	7.139	79	437427	38.528	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.269	45	660852	39.719	ng	99
17) 2-Methylphenol	7.251	107	400274	36.584	ng	95
18) Hexachloroethane	7.516	117	202375	41.236	ng	96
19) n-Nitroso-di-n-propyla...	7.410	70	314571	34.672	ng	93
20) 3+4-Methylphenols	7.404	107	454868	32.179	ng	97
22) Acetophenone	7.410	105	628697	41.349	ng	# 87
24) Nitrobenzene	7.586	77	540248	39.746	ng	99
25) Isophorone	7.822	82	955956	39.232	ng	100
26) 2-Nitrophenol	7.898	139	256409	42.755	ng	99
27) 2,4-Dimethylphenol	7.933	122	392996	41.520	ng	99
28) bis(2-Chloroethoxy)met...	8.028	93	583798	40.956	ng	99
29) 2,4-Dichlorophenol	8.145	162	375411	39.871	ng	99
30) 1,2,4-Trichlorobenzene	8.228	180	431478	42.202	ng	97
31) Naphthalene	8.310	128	1267312	41.055	ng	99
32) Benzoic acid	8.039	122	247891	34.415	ng	96
33) 4-Chloroaniline	8.357	127	213991	16.177	ng	# 92
34) Hexachlorobutadiene	8.422	225	276872	42.616	ng	99
35) Caprolactam	8.751	113	13625	4.389	ng	91
36) 4-Chloro-3-methylphenol	8.833	107	369038	35.689	ng	95
37) 2-Methylnaphthalene	9.004	142	785261	37.328	ng	99
38) 1-Methylnaphthalene	9.104	142	723754	36.814	ng	99
40) 1,2,4,5-Tetrachloroben...	9.169	216	406206	46.895	ng	99
41) Hexachlorocyclopentadiene	9.151	237	183878	39.138	ng	99
43) 2,4,6-Trichlorophenol	9.280	196	258108	43.969	ng	98

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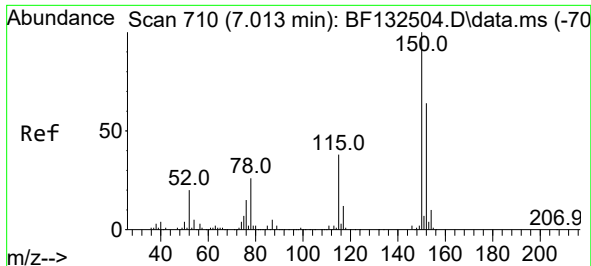
Quant Time: Mar 04 02:19:08 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.322	196	262720	38.346	ng	96
46) 1,1'-Biphenyl	9.463	154	919191	45.871	ng	98
47) 2-Chloronaphthalene	9.492	162	716170	45.078	ng	98
48) 2-Nitroaniline	9.586	65	221140	37.793	ng	93
49) Acenaphthylene	9.910	152	1092635	43.213	ng	100
50) Dimethylphthalate	9.763	163	818144	42.441	ng	99
51) 2,6-Dinitrotoluene	9.827	165	177102	40.341	ng	92
52) Acenaphthene	10.086	154	720993	44.905	ng	98
53) 3-Nitroaniline	9.998	138	149009	30.342	ng	96
54) 2,4-Dinitrophenol	10.110	184	87760	32.836	ng	# 88
55) Dibenzofuran	10.257	168	1007400	43.039	ng	98
56) 4-Nitrophenol	10.163	139	265465	72.484	ng	# 84
57) 2,4-Dinitrotoluene	10.233	165	224042	38.360	ng	96
58) Fluorene	10.598	166	791735	44.221	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.374	232	199850	39.268	ng	97
60) Diethylphthalate	10.463	149	745761	39.611	ng	100
61) 4-Chlorophenyl-phenyle...	10.586	204	368928	39.721	ng	95
62) 4-Nitroaniline	10.616	138	150934	31.310	ng	90
63) Azobenzene	10.751	77	743163	37.272	ng	96
65) 4,6-Dinitro-2-methylph...	10.645	198	64664	21.202	ng	93
66) n-Nitrosodiphenylamine	10.704	169	612894	43.635	ng	99
67) 4-Bromophenyl-phenylether	11.080	248	217637	42.705	ng	98
68) Hexachlorobenzene	11.151	284	237901	44.364	ng	95
69) Atrazine	11.233	200	196374	44.784	ng	99
70) Pentachlorophenol	11.351	266	256563	80.415	ng	99
71) Phenanthrene	11.574	178	1540406	65.999	ng	99
72) Anthracene	11.621	178	1136878	47.301	ng	99
73) Carbazole	11.774	167	974652	44.977	ng	99
74) Di-n-butylphthalate	12.098	149	1062727	41.808	ng	99
75) Fluoranthene	12.774	202	1884711	73.866	ng	98
77) Benzidine	12.886	184	596612	60.604	ng	100
78) Pyrene	13.004	202	1853299	50.406	ng	100
80) Butylbenzylphthalate	13.610	149	537015	37.012	ng	98
81) Benzo(a)anthracene	14.198	228	1625132	53.708	ng	96
82) 3,3'-Dichlorobenzidine	14.157	252	384801	43.135	ng	98
83) Chrysene	14.239	228	1536735	54.310	ng	99
84) Bis(2-ethylhexyl)phtha...	14.168	149	722900	40.558	ng	99
85) Di-n-octyl phthalate	14.792	149	1377216	52.876	ng	98
87) Indeno(1,2,3-cd)pyrene	17.368	276	1085168	39.772	ng	99
88) Benzo(b)fluoranthene	15.304	252	1623729	58.188	ng	98
89) Benzo(k)fluoranthene	15.333	252	1370426	50.180	ng	99
90) Benzo(a)pyrene	15.704	252	1283077	49.128	ng	99
91) Dibenzo(a,h)anthracene	17.386	278	815854	36.700	ng	99
92) Benzo(g,h,i)perylene	17.862	276	858361	34.632	ng	99

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

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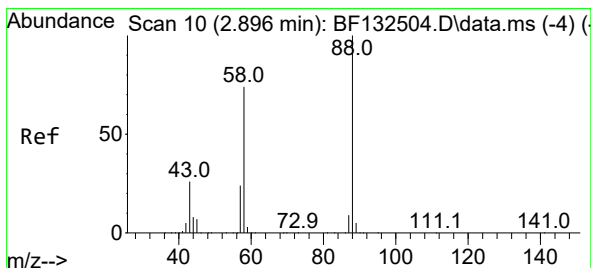
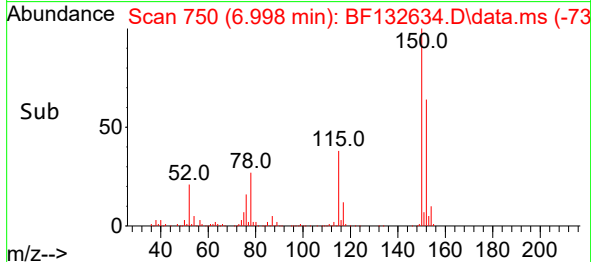
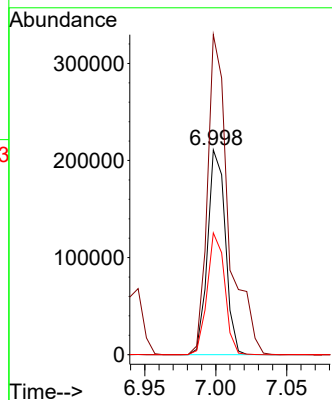
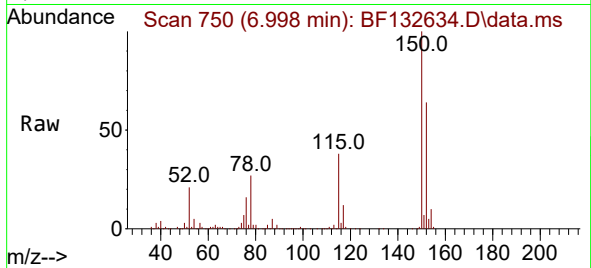




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.998 min Scan# 71
 Delta R.T. -0.009 min
 Lab File: BF132634.D
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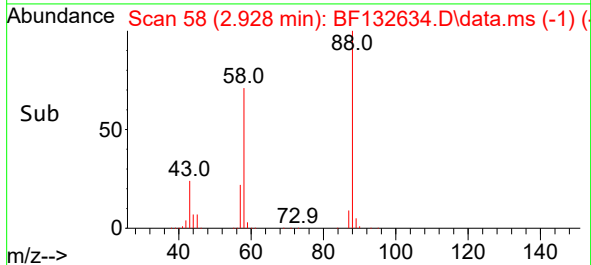
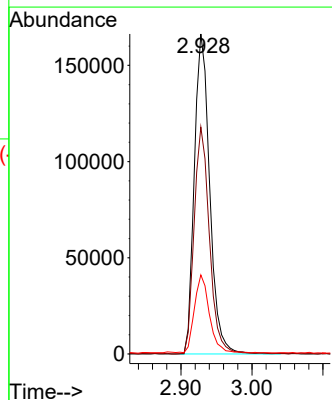
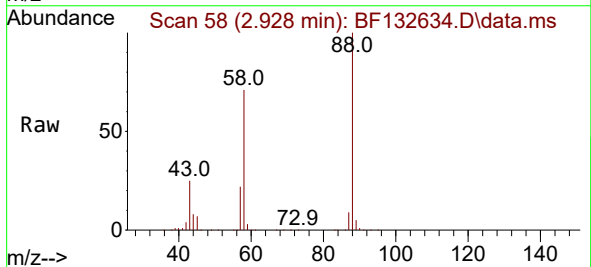
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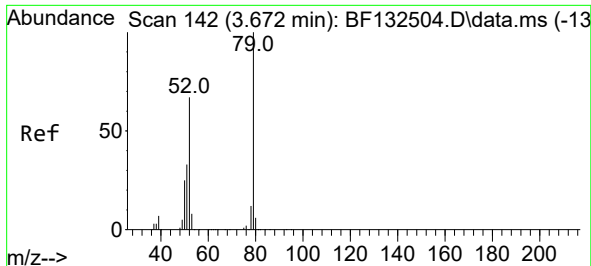
Tgt Ion:152 Resp: 183325
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.4 188.2
 115 59.5 47.8 71.6



#2
 1,4-Dioxane
 Concen: 40.120 ng
 RT: 2.928 min Scan# 58
 Delta R.T. 0.044 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

Tgt Ion: 88 Resp: 250683
 Ion Ratio Lower Upper
 88 100
 58 70.4 58.3 87.5
 43 23.8 20.7 31.1

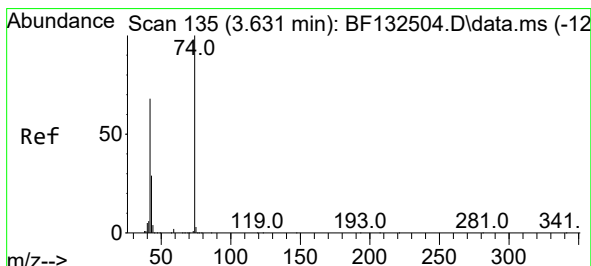
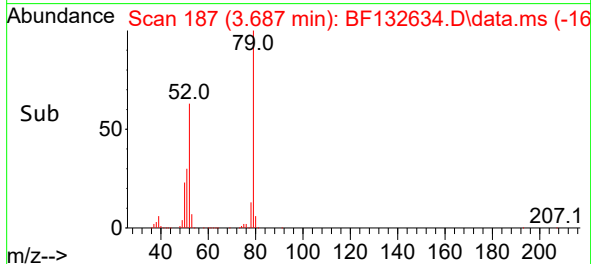
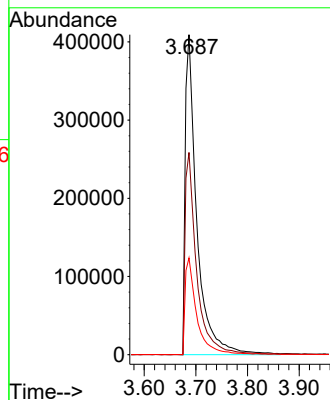
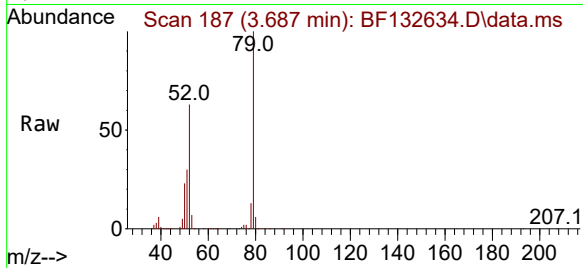




#3
Pyridine
Concen: 38.508 ng
RT: 3.687 min Scan# 11
Delta R.T. 0.032 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

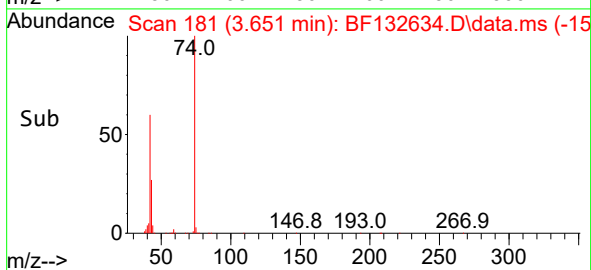
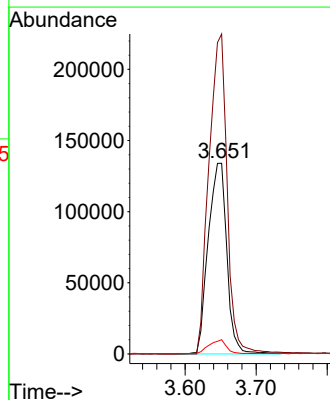
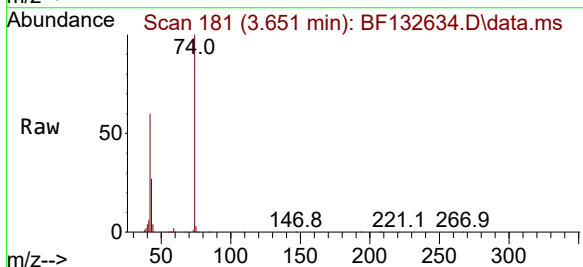
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BNA_F
ClientSampleId :
VNJ-223MS

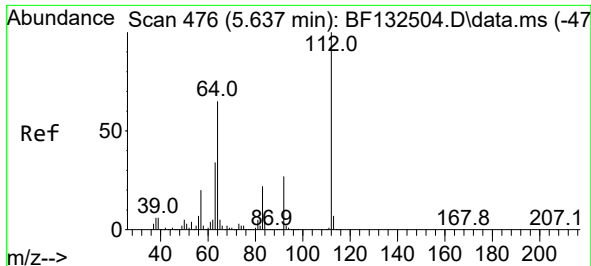
Tgt Ion: 79 Resp: 638675
Ion Ratio Lower Upper
79 100
52 63.2 53.7 80.5
51 30.3 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 39.003 ng
RT: 3.651 min Scan# 181
Delta R.T. 0.026 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion: 42 Resp: 244345
Ion Ratio Lower Upper
42 100
74 167.7 118.2 177.2
44 7.5 5.3 7.9

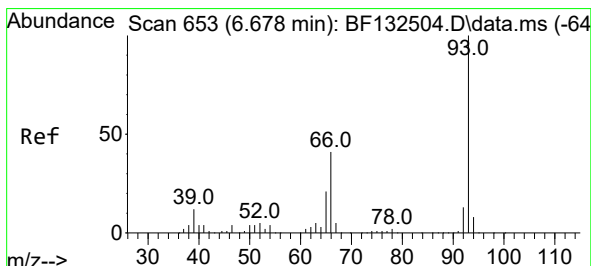
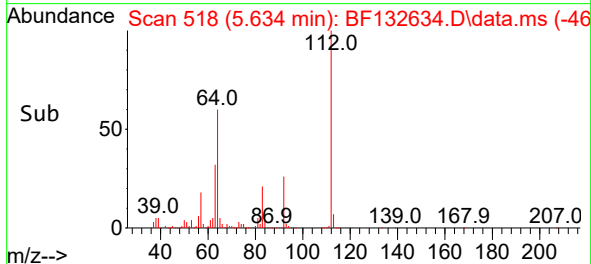
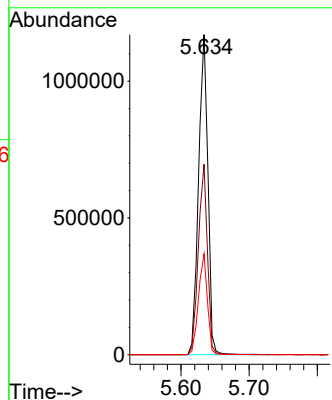
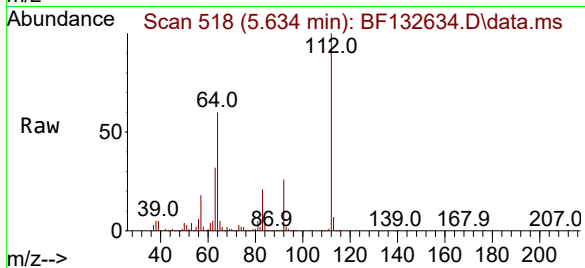




#5
2-Fluorophenol
Concen: 98.479 ng
RT: 5.634 min Scan# 511
Delta R.T. 0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

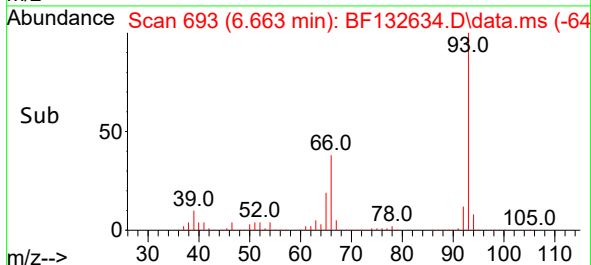
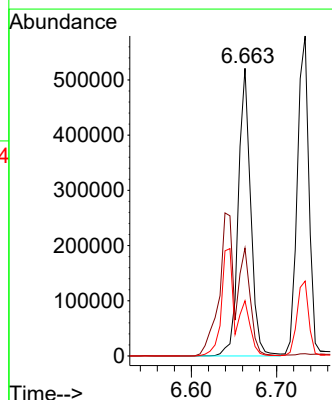
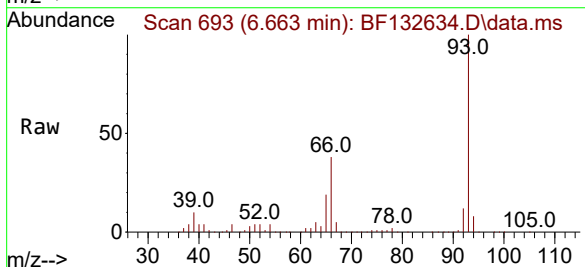
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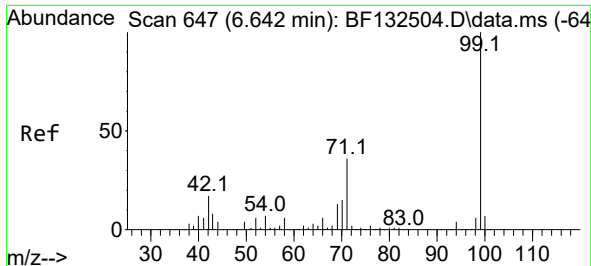
Tgt Ion:112 Resp: 1112389
Ion Ratio Lower Upper
112 100
64 59.5 51.6 77.4
63 31.5 27.4 41.2



#6
Aniline
Concen: 26.408 ng
RT: 6.663 min Scan# 693
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion: 93 Resp: 523914
Ion Ratio Lower Upper
93 100
66 37.5 32.5 48.7
65 19.2 16.6 24.8





#7

Phenol-d6

Concen: 92.796 ng

RT: 6.628 min Scan# 61

Delta R.T. -0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA_F

ClientSampleId :

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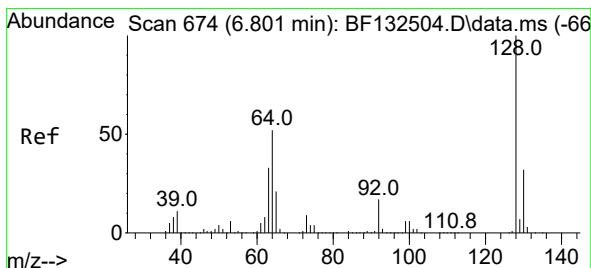
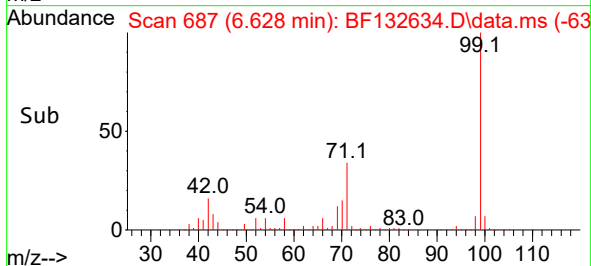
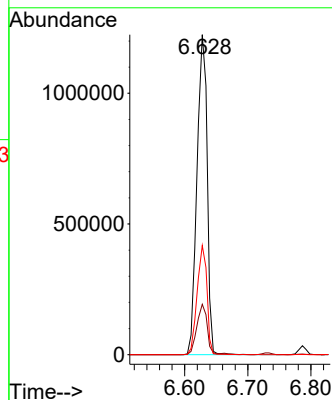
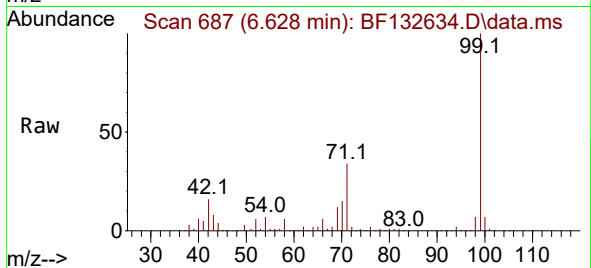
Tgt Ion: 99 Resp: 1367987

Ion Ratio Lower Upper

99 100

42 15.7 13.9 20.9

71 34.1 28.5 42.7



#8

2-Chlorophenol

Concen: 42.891 ng

RT: 6.787 min Scan# 714

Delta R.T. -0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

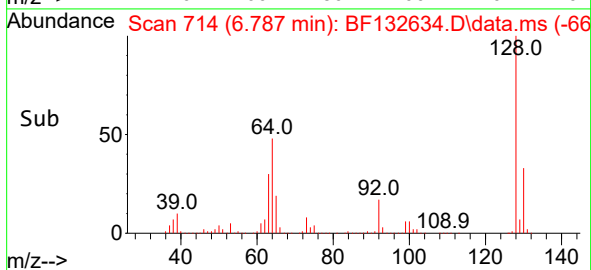
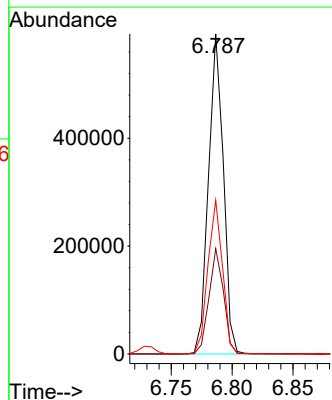
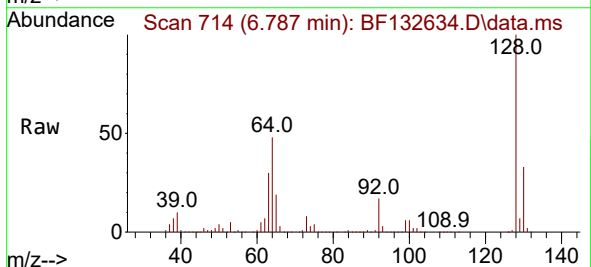
Tgt Ion:128 Resp: 502833

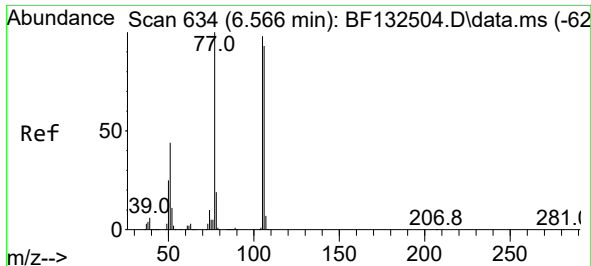
Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

64 48.0 32.0 72.0

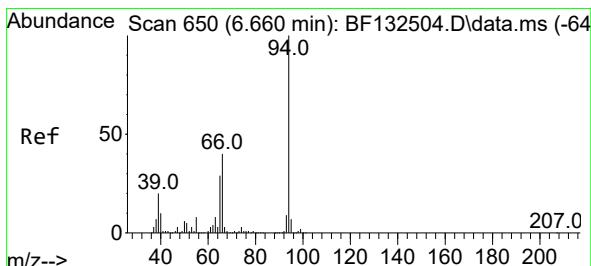
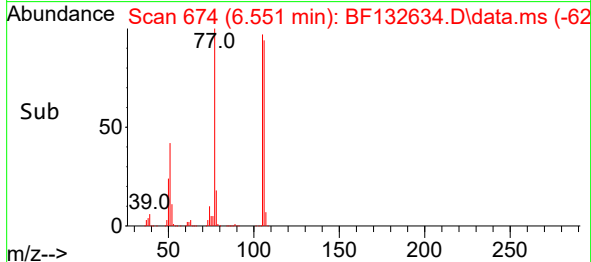
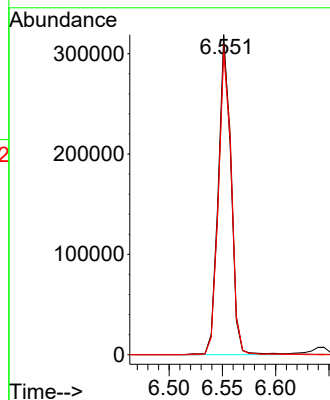
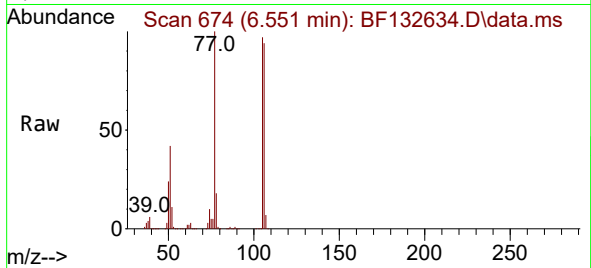




#9
Benzaldehyde
Concen: 32.835 ng
RT: 6.551 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

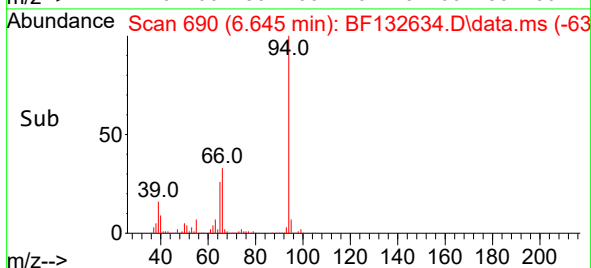
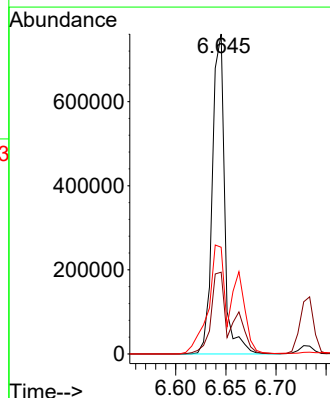
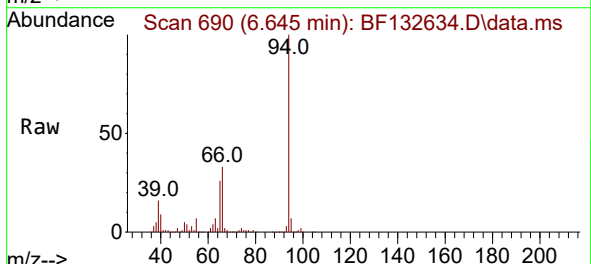
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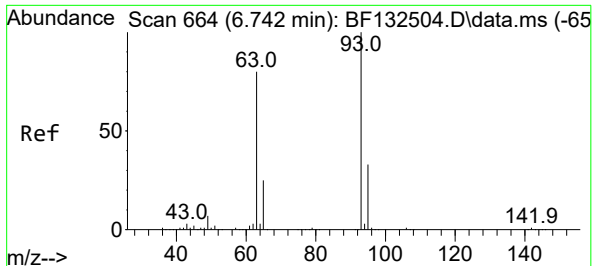
Tgt Ion: 77 Resp: 261193
Ion Ratio Lower Upper
77 100
105 97.2 77.9 117.9
106 94.3 73.4 113.4



#10
Phenol
Concen: 38.568 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion: 94 Resp: 651844
Ion Ratio Lower Upper
94 100
65 25.6 9.4 49.4
66 33.4 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 42.315 ng

RT: 6.734 min Scan# 705

Delta R.T. -0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

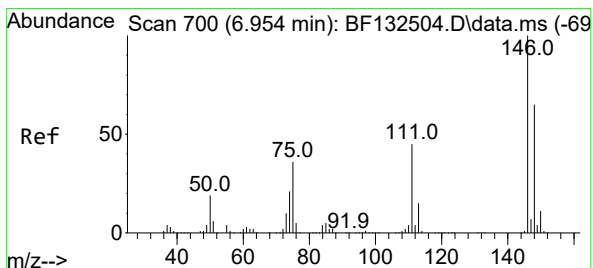
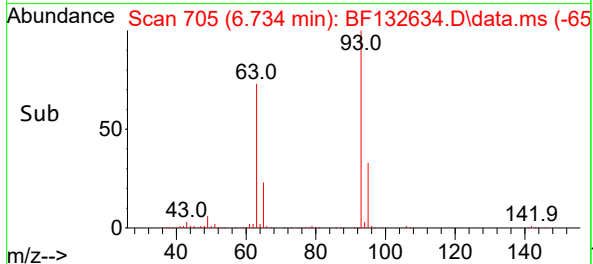
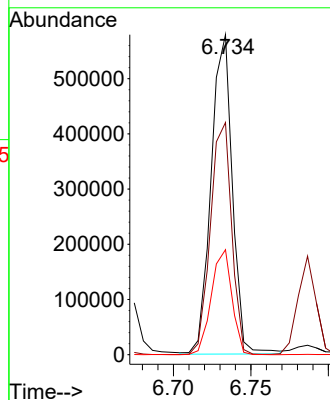
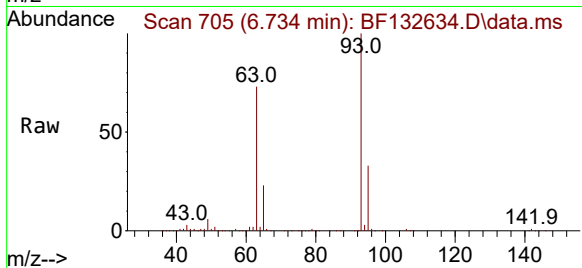
Tgt Ion: 93 Resp: 552102

Ion Ratio Lower Upper

93 100

63 72.5 59.6 99.6

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 43.369 ng

RT: 6.945 min Scan# 741

Delta R.T. -0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

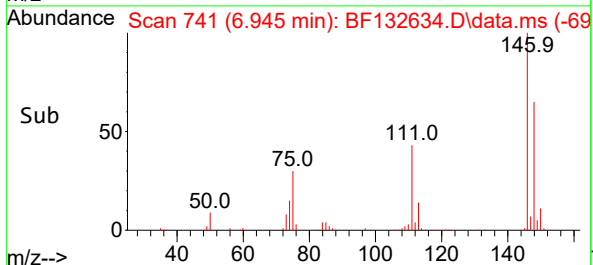
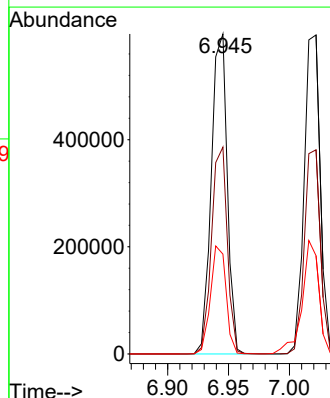
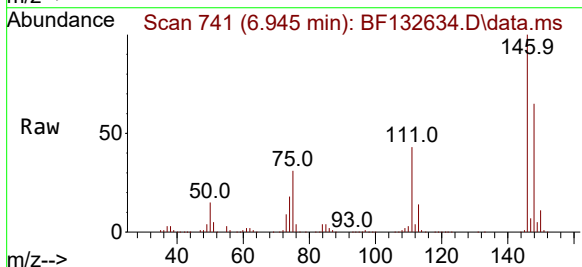
Tgt Ion:146 Resp: 545617

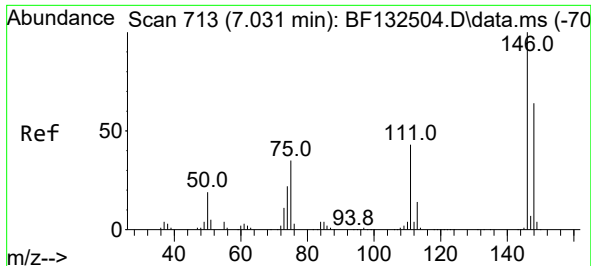
Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

75 31.2 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 43.543 ng

RT: 7.022 min Scan# 713

Delta R.T. -0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

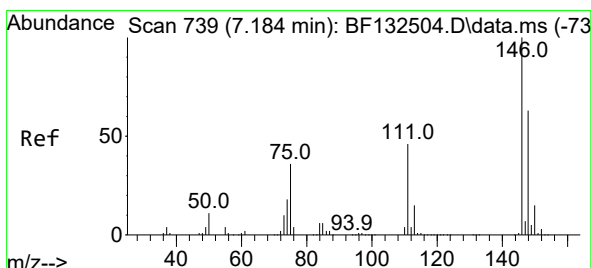
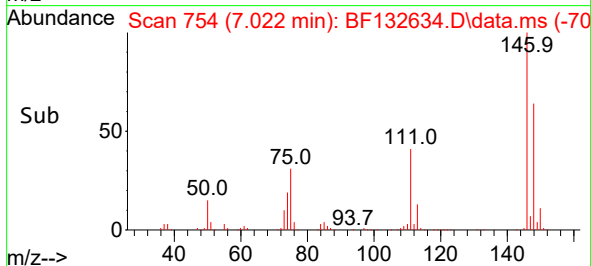
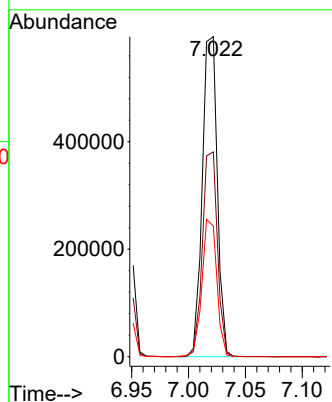
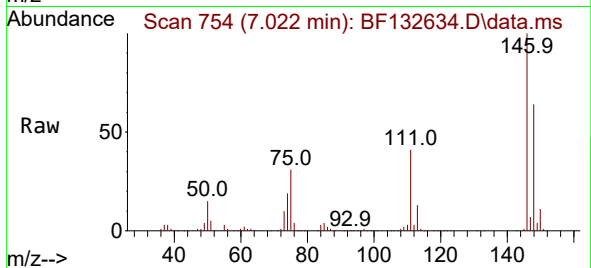
Tgt Ion:146 Resp: 546990

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

111 40.8 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 42.671 ng

RT: 7.175 min Scan# 780

Delta R.T. -0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

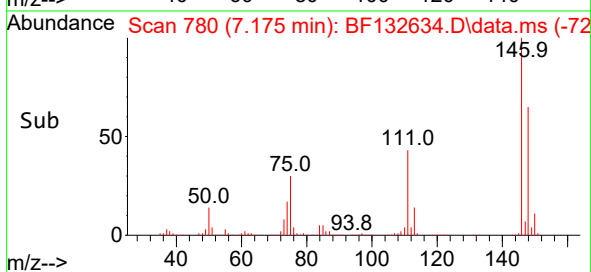
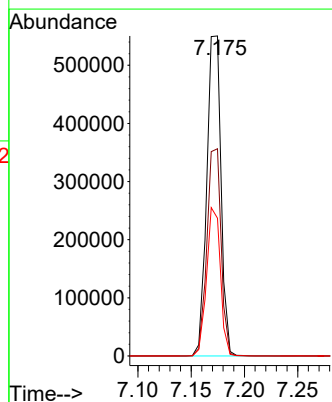
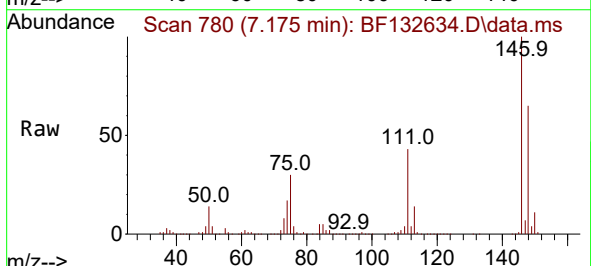
Tgt Ion:146 Resp: 514439

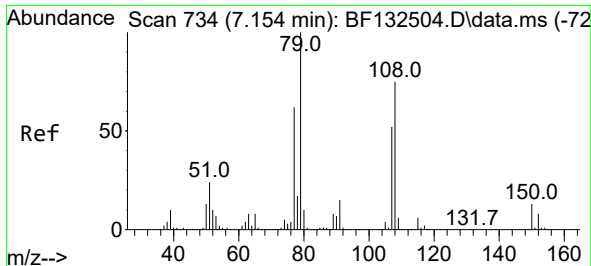
Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

111 43.1 37.2 55.8

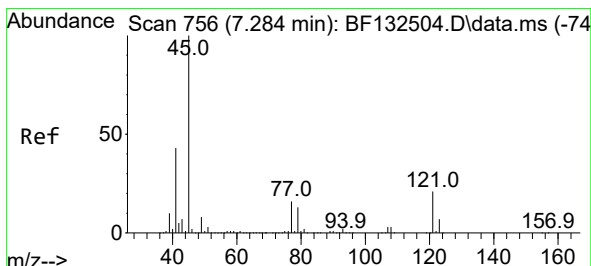
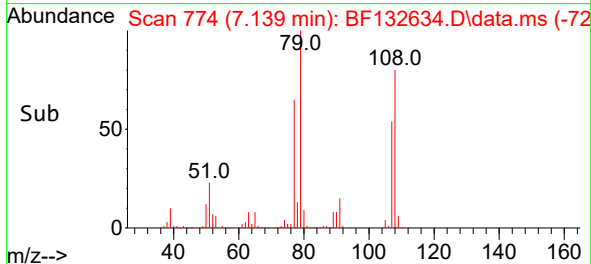
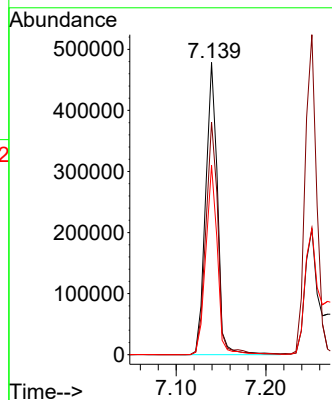
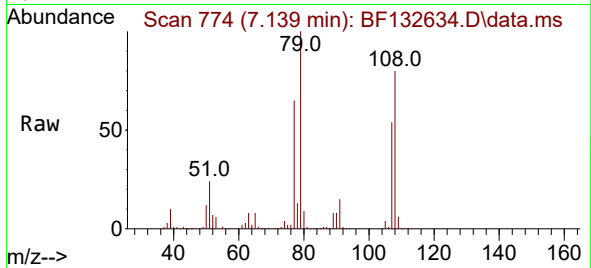




#15
Benzyl Alcohol
Concen: 38.528 ng
RT: 7.139 min Scan# 71
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

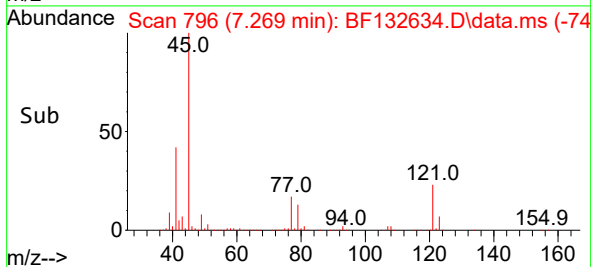
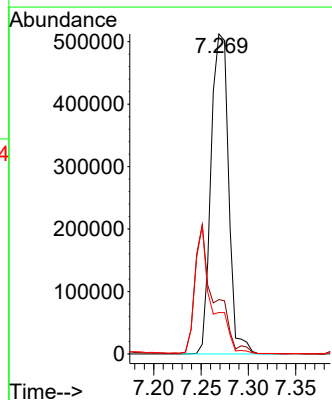
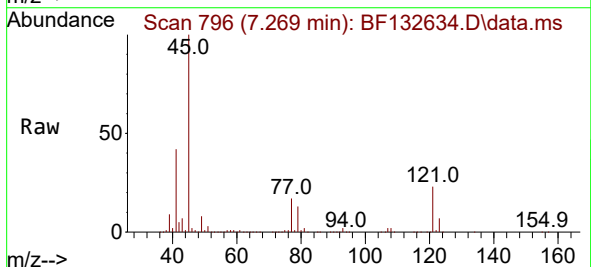
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

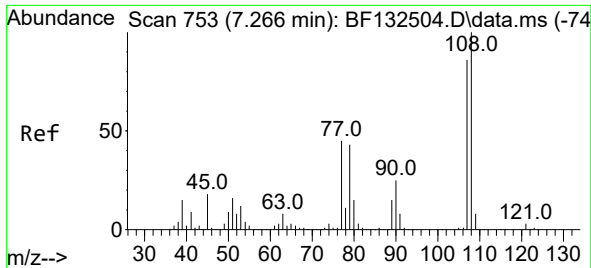
Tgt Ion: 79 Resp: 437427
Ion Ratio Lower Upper
79 100
108 79.7 60.2 90.4
77 64.8 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.719 ng
RT: 7.269 min Scan# 796
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion: 45 Resp: 660852
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.4
79 13.0 0.0 33.4

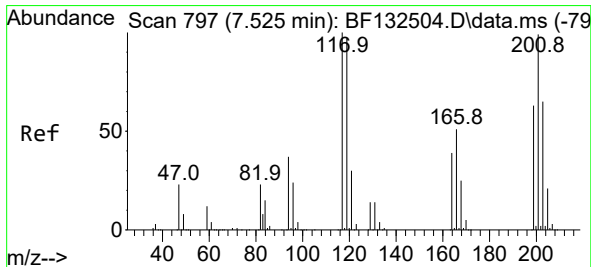
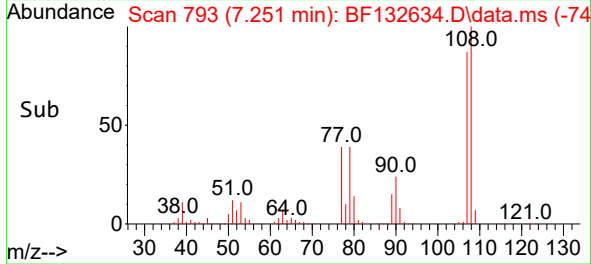
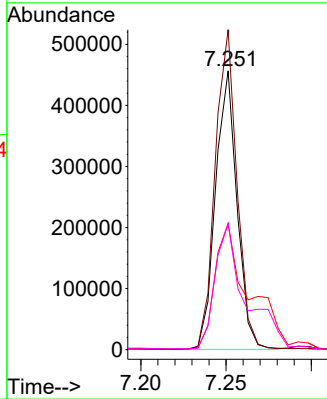
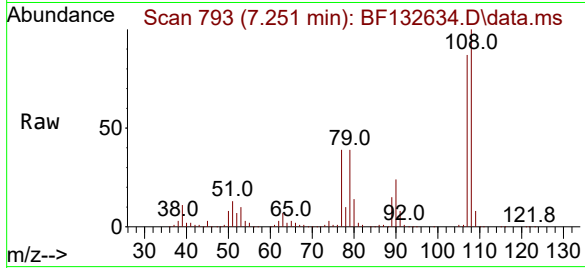




#17
2-Methylphenol
Concen: 36.584 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

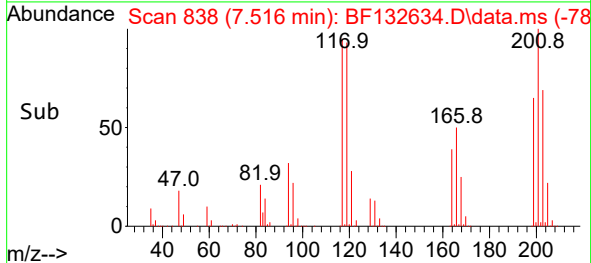
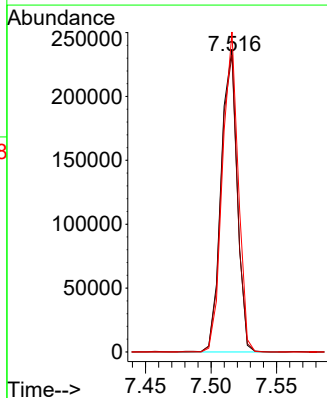
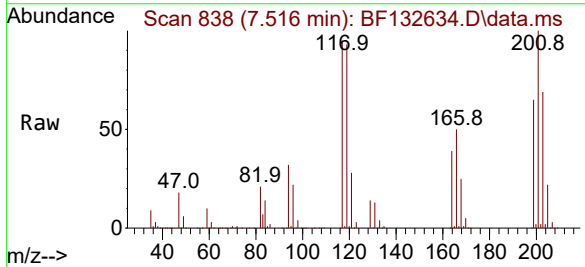
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

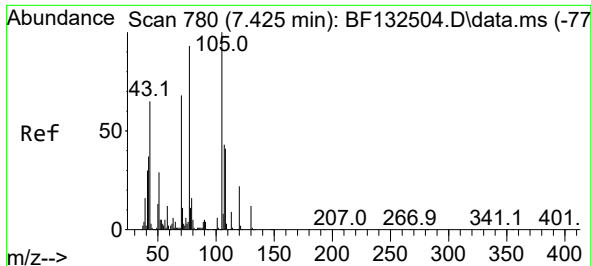
Tgt Ion:	107	Resp:	400274
Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.0	139.4
77	45.3	42.1	63.1
79	45.0	39.6	59.4



#18
Hexachloroethane
Concen: 41.236 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:	117	Resp:	202375
Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.0	117.0
201	105.7	79.0	118.4

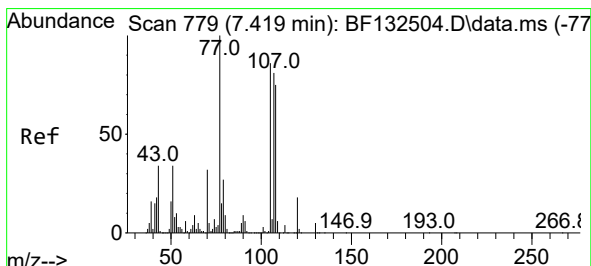
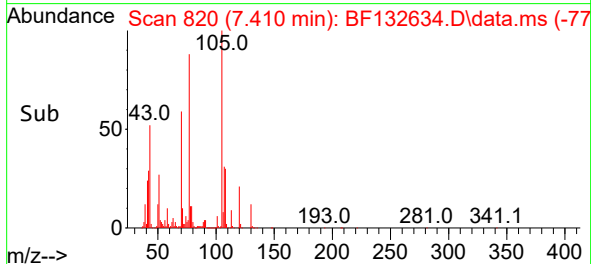
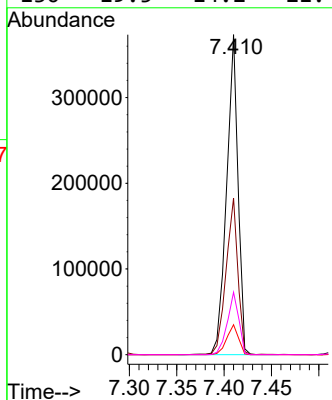
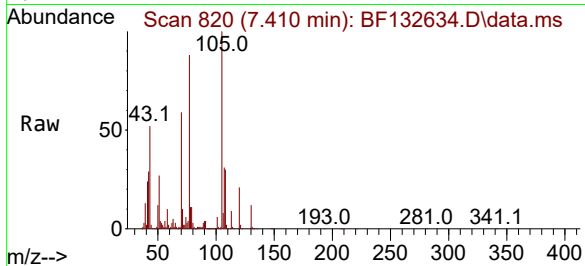




#19
n-Nitroso-di-n-propylamine
Concen: 34.672 ng
RT: 7.410 min Scan# 819
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

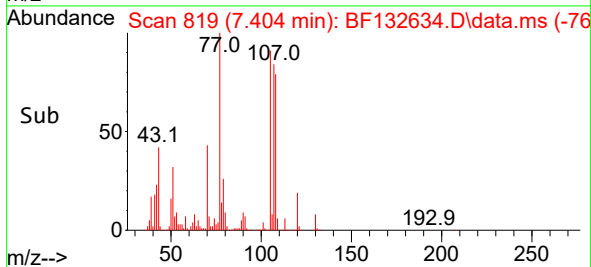
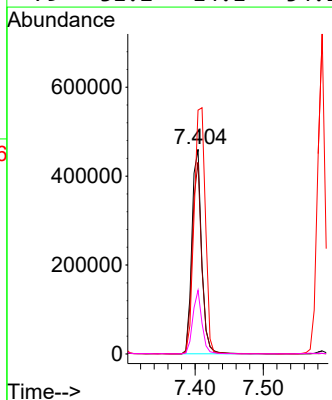
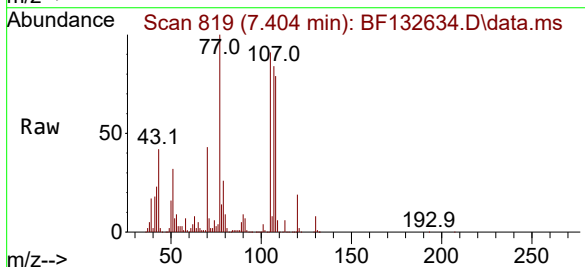
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

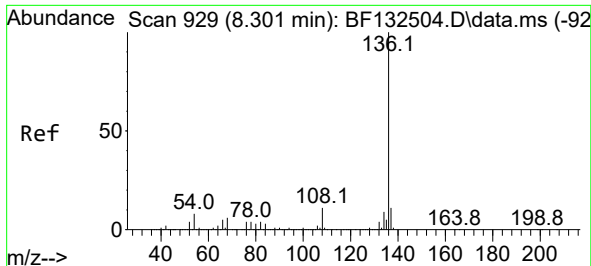
Tgt Ion: 70 Resp: 314571
Ion Ratio Lower Upper
70 100
42 48.9 44.1 66.1
101 9.3 7.4 11.2
130 19.5 14.2 21.4



#20
3+4-Methylphenols
Concen: 32.179 ng
RT: 7.404 min Scan# 819
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion: 107 Resp: 454868
Ion Ratio Lower Upper
107 100
108 93.6 72.6 112.6
77 119.1 104.0 144.0
79 31.2 14.1 54.1

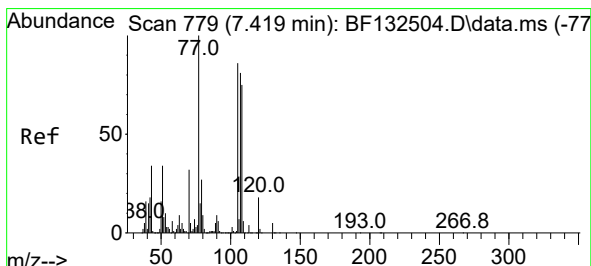
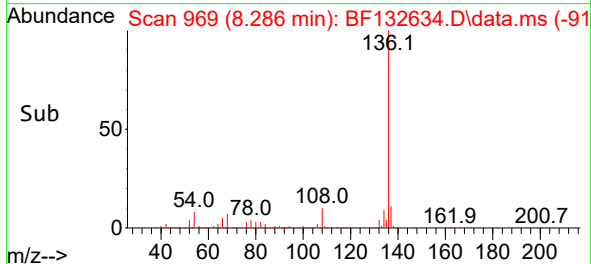
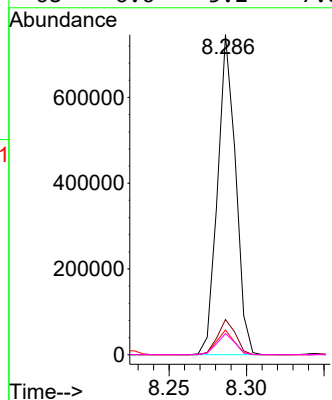
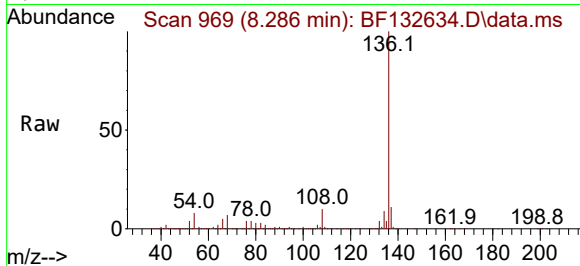




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 90
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

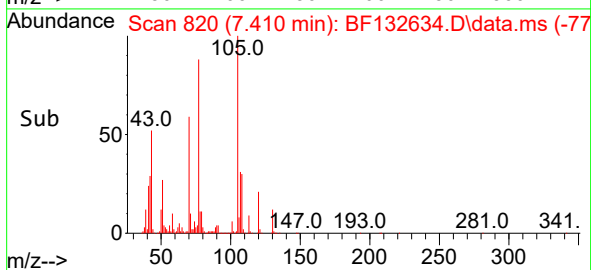
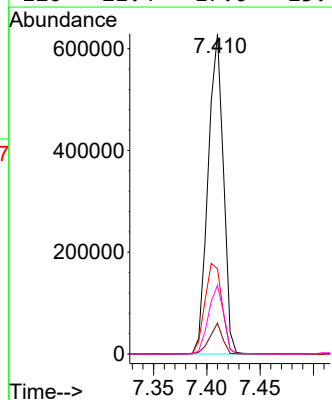
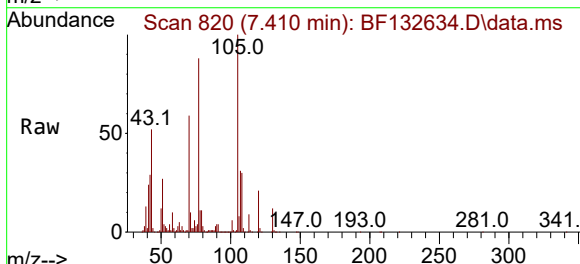
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

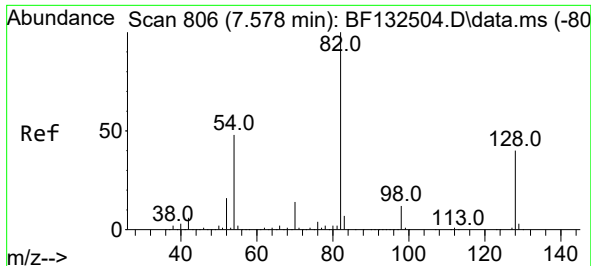
Tgt Ion:136 Resp: 602984
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 6.2 9.4
68 6.6 5.2 7.8



#22
Acetophenone
Concen: 41.349 ng
RT: 7.410 min Scan# 820
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:105 Resp: 628697
Ion Ratio Lower Upper
105 100
71 9.6 5.0 7.4#
51 26.6 31.5 47.3#
120 21.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 68.661 ng

RT: 7.569 min Scan# 84

Delta R.T. -0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

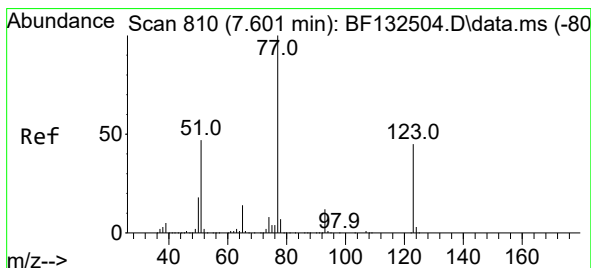
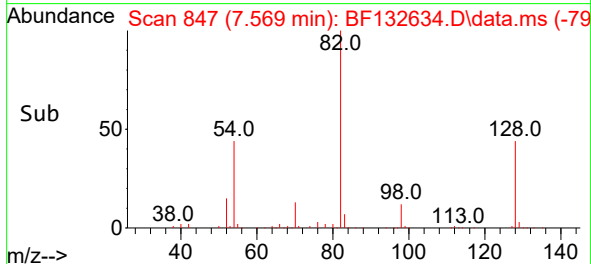
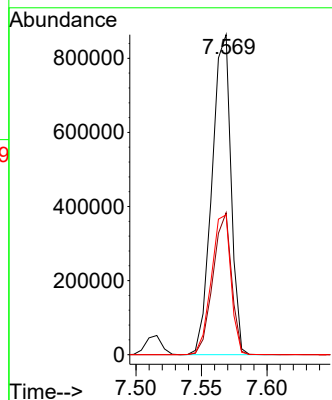
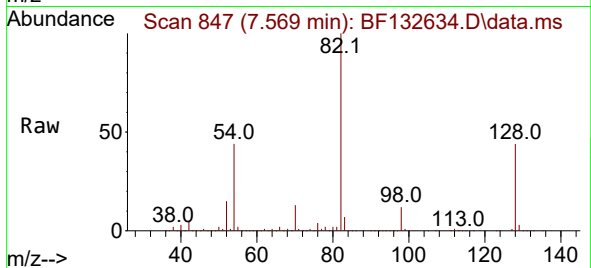
Tgt Ion: 82 Resp: 872632

Ion Ratio Lower Upper

82 100

128 44.3 32.2 48.2

54 43.7 38.4 57.6



#24

Nitrobenzene

Concen: 39.746 ng

RT: 7.586 min Scan# 850

Delta R.T. -0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

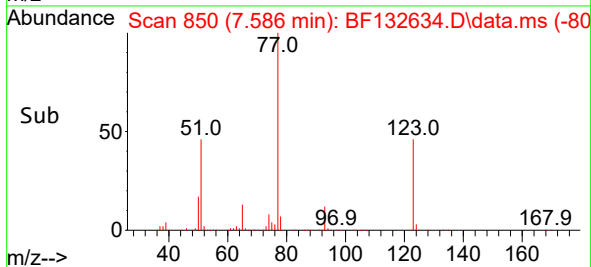
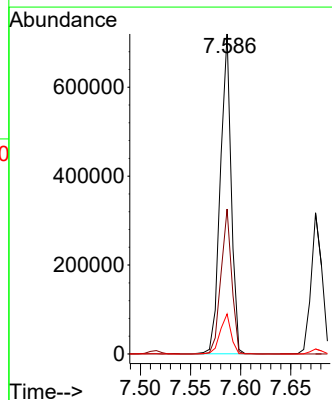
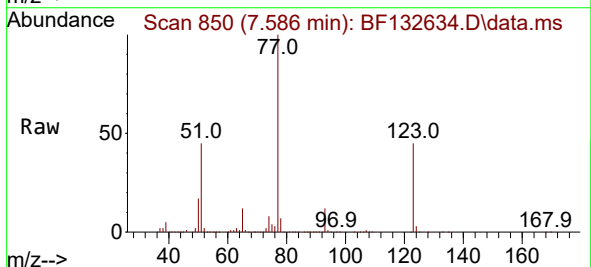
Tgt Ion: 77 Resp: 540248

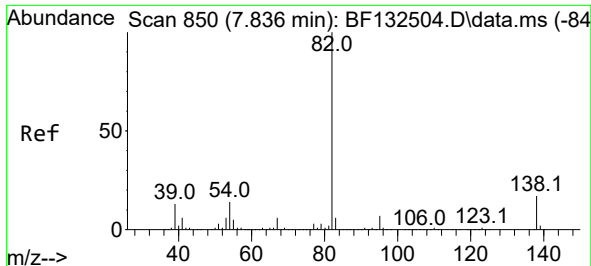
Ion Ratio Lower Upper

77 100

123 45.3 35.8 53.6

65 12.5 10.9 16.3

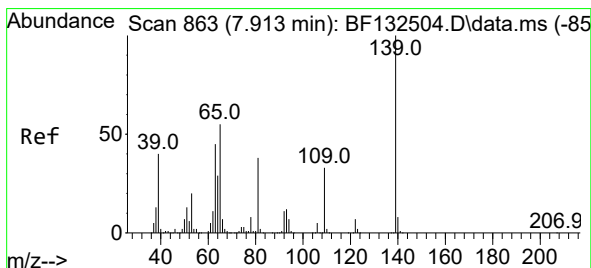
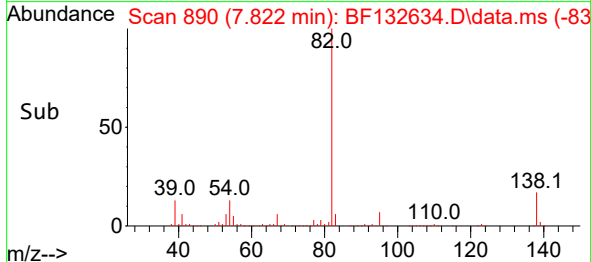
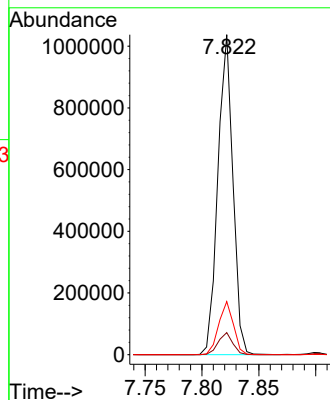
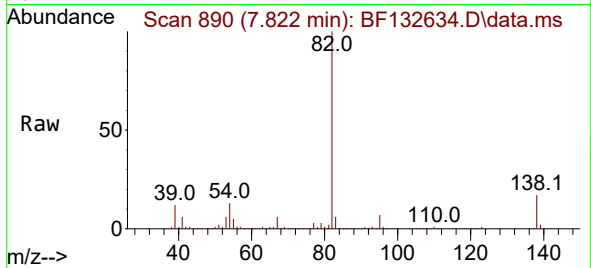




#25
Isophorone
Concen: 39.232 ng
RT: 7.822 min Scan# 890
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

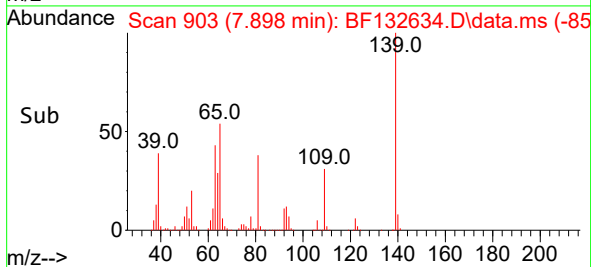
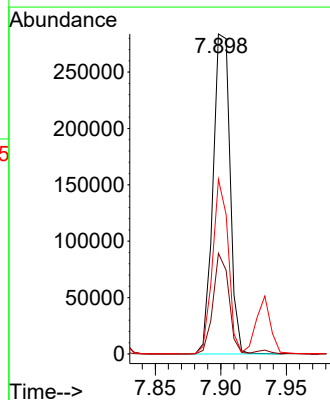
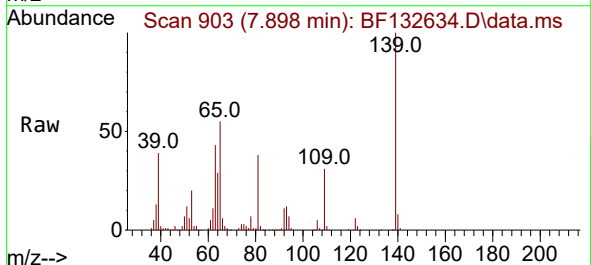
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

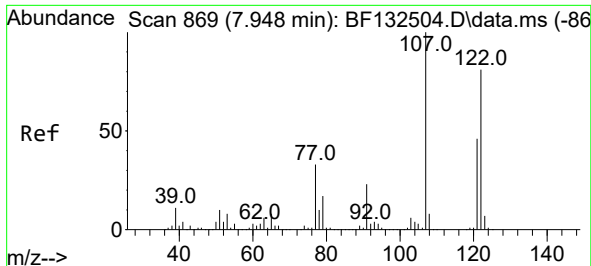
Tgt Ion: 82 Resp: 955956
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 16.6 13.3 19.9



#26
2-Nitrophenol
Concen: 42.755 ng
RT: 7.898 min Scan# 903
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion: 139 Resp: 256409
Ion Ratio Lower Upper
139 100
109 31.5 26.2 39.2
65 54.6 43.8 65.8

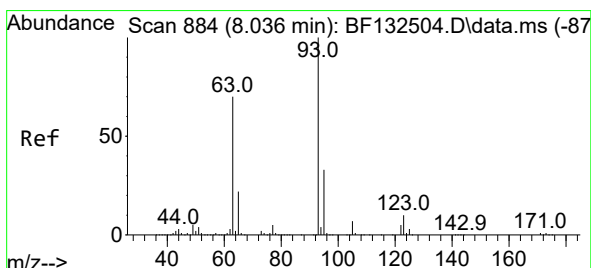
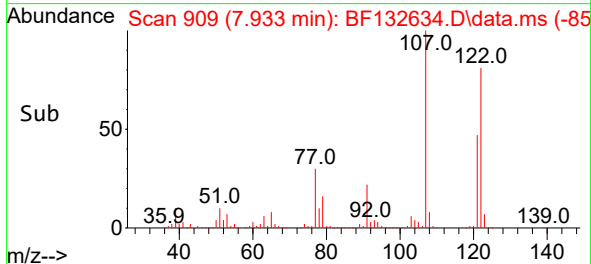
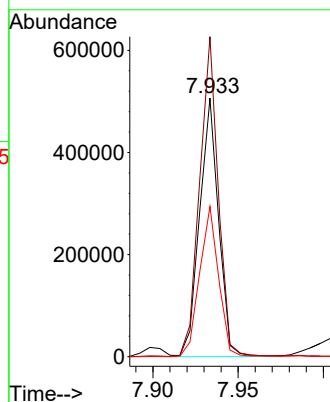
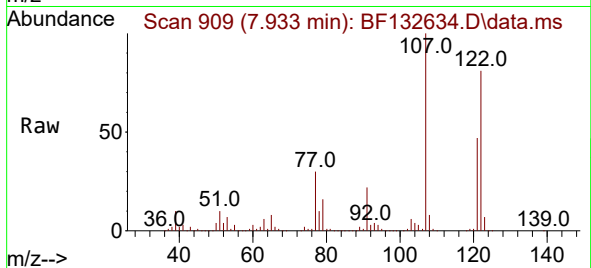




#27
2,4-Dimethylphenol
Concen: 41.520 ng
RT: 7.933 min Scan# 909
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

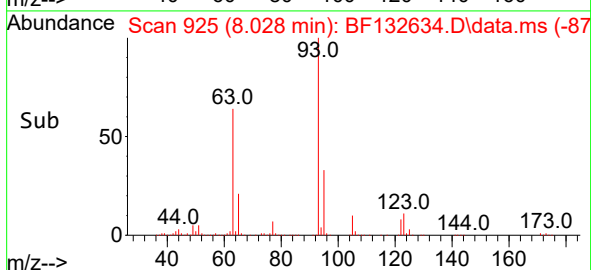
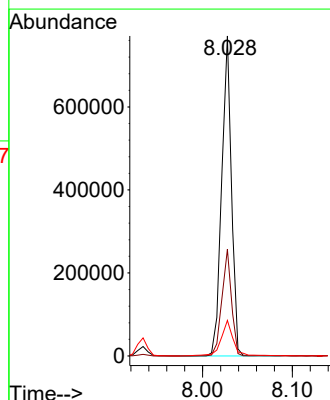
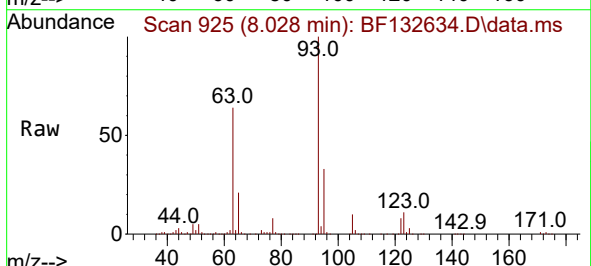
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

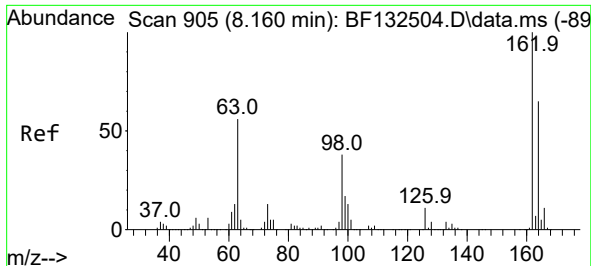
Tgt Ion:	122	Resp:	392996
Ion	Ratio	Lower	Upper
122	100		
107	123.8	98.7	148.1
121	58.1	45.8	68.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.956 ng
RT: 8.028 min Scan# 925
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:	93	Resp:	583798
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	11.1	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 39.871 ng

RT: 8.145 min Scan# 945

Delta R.T. -0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

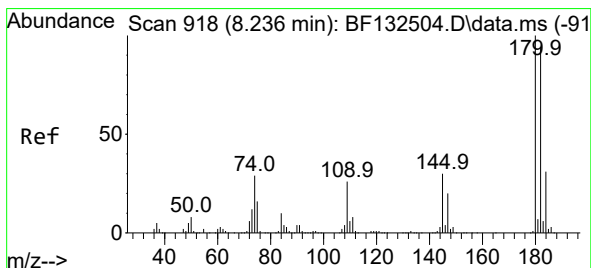
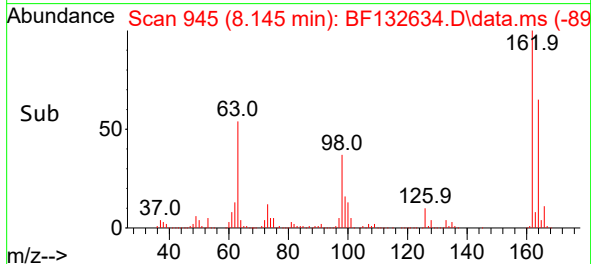
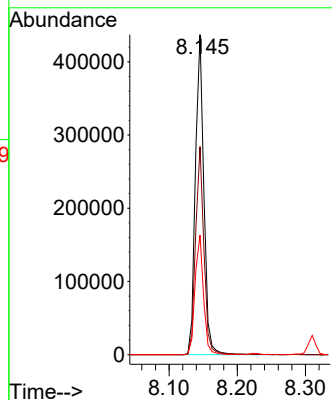
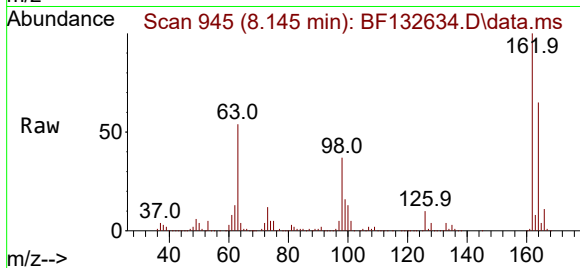
Tgt Ion:162 Resp: 375411

Ion Ratio Lower Upper

162 100

164 65.1 45.3 85.3

98 37.3 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 42.202 ng

RT: 8.228 min Scan# 959

Delta R.T. -0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

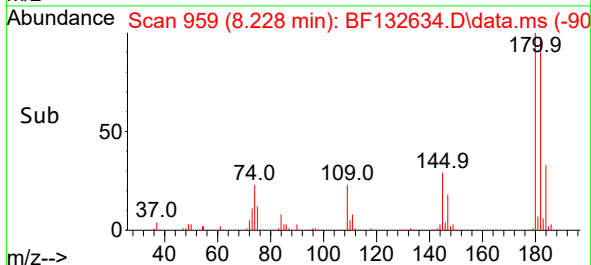
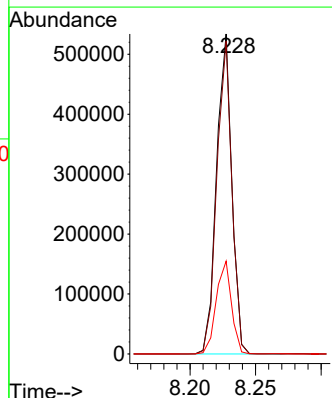
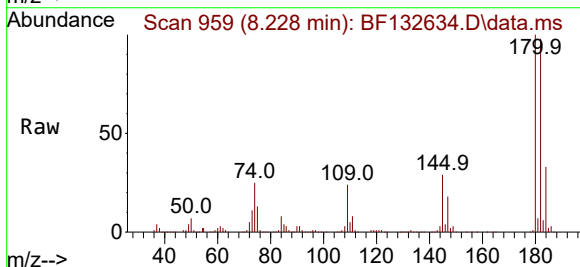
Tgt Ion:180 Resp: 431478

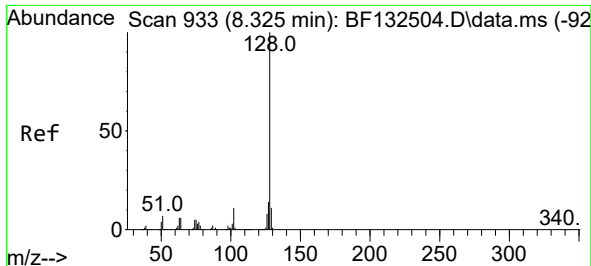
Ion Ratio Lower Upper

180 100

182 97.8 75.1 112.7

145 29.0 23.8 35.6

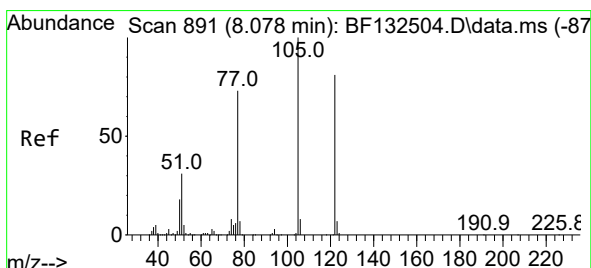
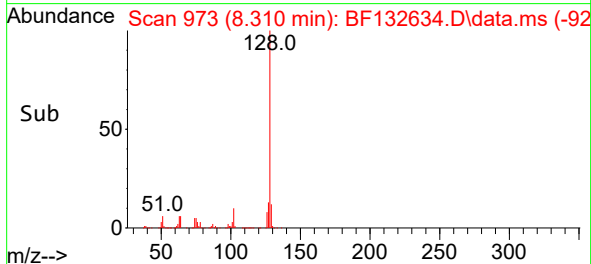
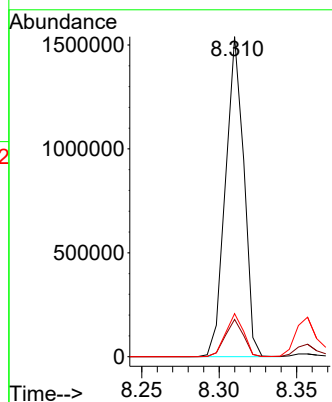
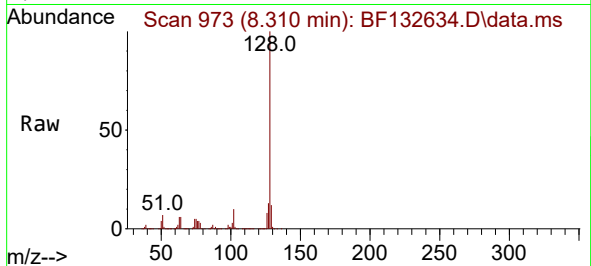




#31
Naphthalene
Concen: 41.055 ng
RT: 8.310 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

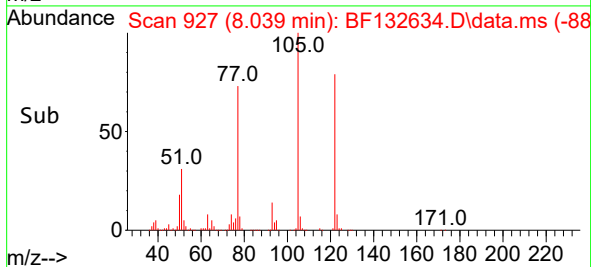
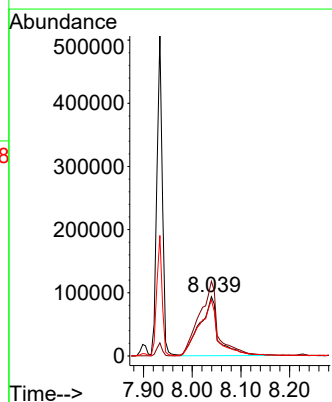
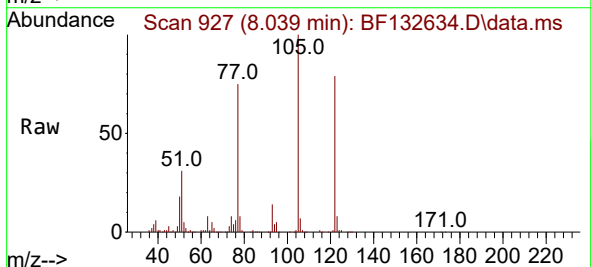
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BNA_F
ClientSampleId :
VNJ-223MS

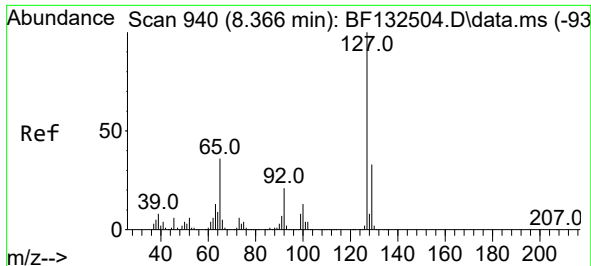
Tgt Ion:128 Resp: 1267312
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.4 11.0 16.6



#32
Benzoic acid
Concen: 34.415 ng
RT: 8.039 min Scan# 927
Delta R.T. -0.026 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:122 Resp: 247891
Ion Ratio Lower Upper
122 100
105 126.2 102.6 142.6
77 94.6 70.2 110.2

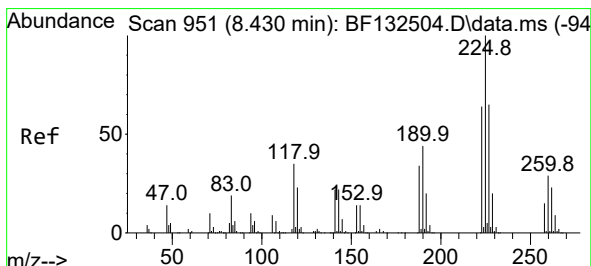
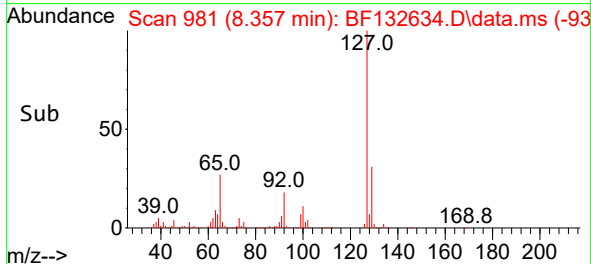
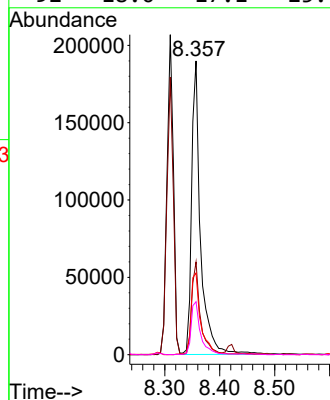
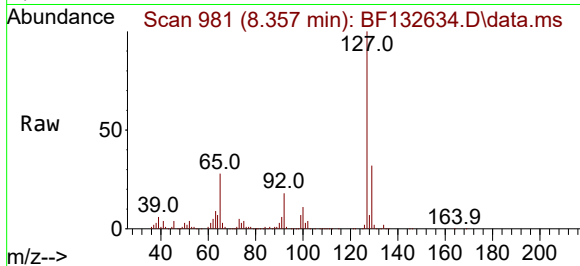




#33
4-Chloroaniline
Concen: 16.177 ng
RT: 8.357 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

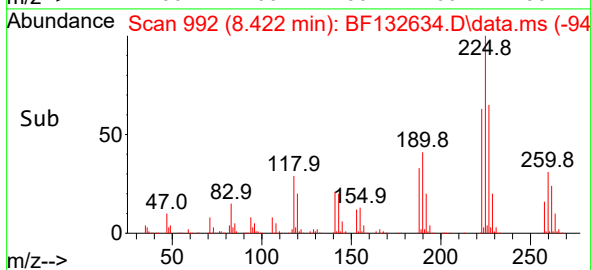
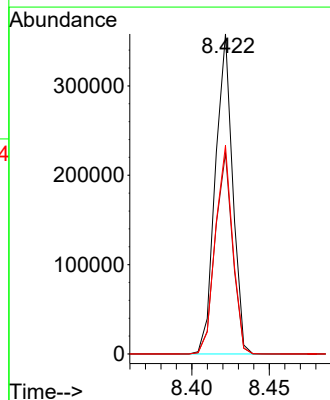
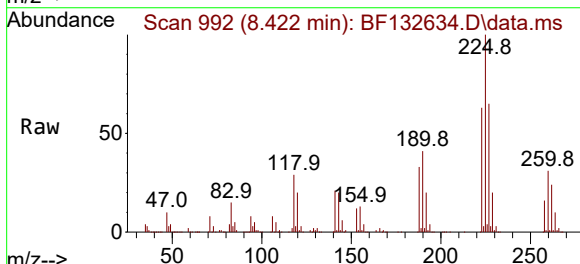
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ClientSampleId :
VNJ-223MS

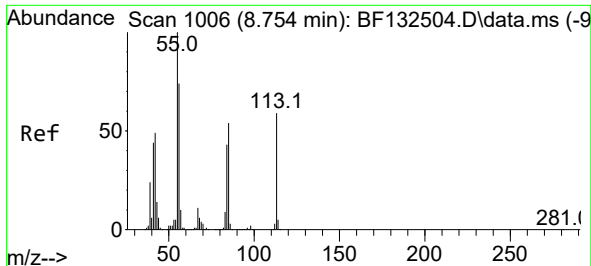
Tgt Ion:	127	Resp:	213991
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.4	39.6
65	27.8	28.8	43.2#
92	18.0	17.1	25.7



#34
Hexachlorobutadiene
Concen: 42.616 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:	225	Resp:	276872
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.4
227	65.1	51.7	77.5

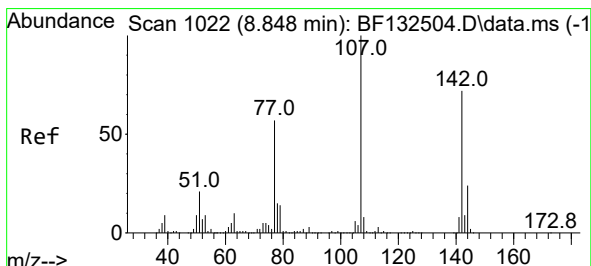
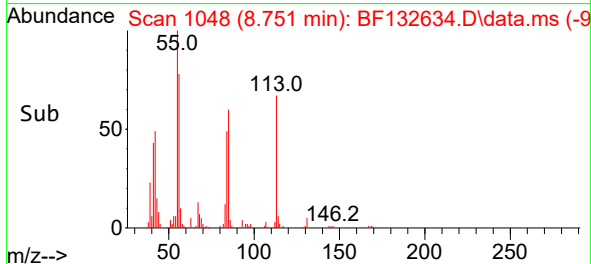
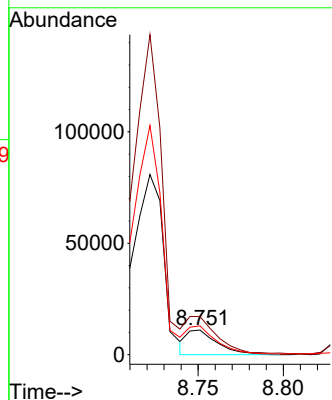
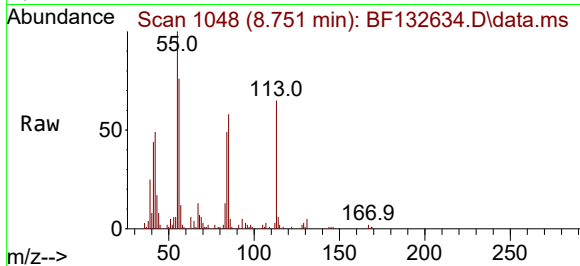




#35
 Caprolactam
 Concen: 4.389 ng
 RT: 8.751 min Scan# 1048
 Delta R.T. 0.009 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

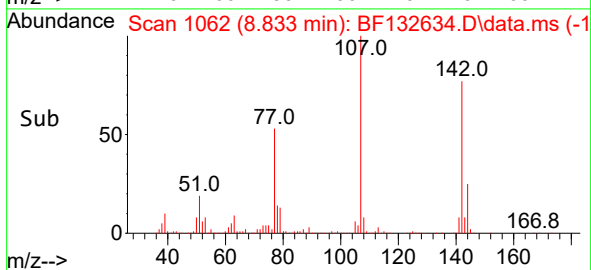
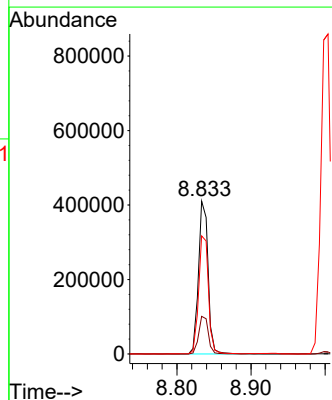
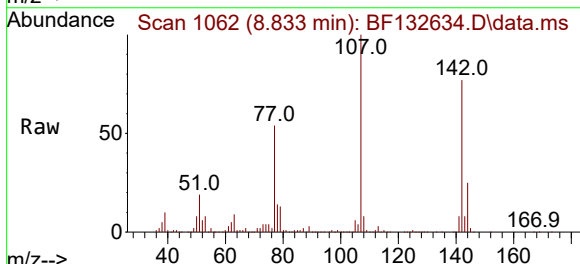
Instrument :
 BNA_F
 ClientSampleId :
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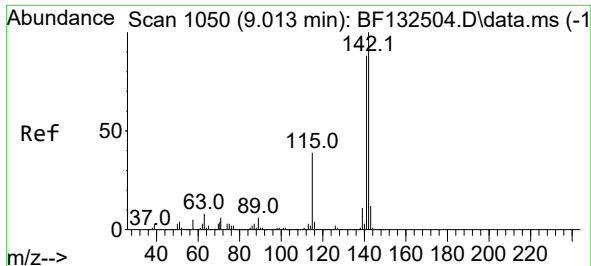
Tgt Ion:113 Resp: 13625
 Ion Ratio Lower Upper
 113 100
 55 154.7 149.4 189.4
 56 117.2 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 35.689 ng
 RT: 8.833 min Scan# 1062
 Delta R.T. -0.009 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

Tgt Ion:107 Resp: 369038
 Ion Ratio Lower Upper
 107 100
 144 24.6 18.9 28.3
 142 77.3 57.9 86.9

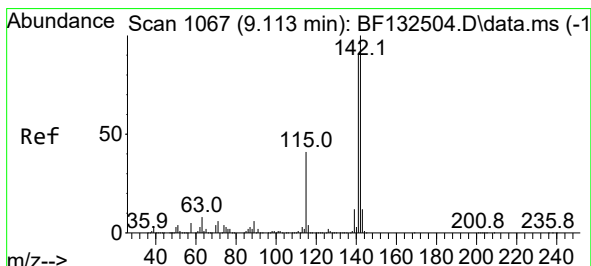
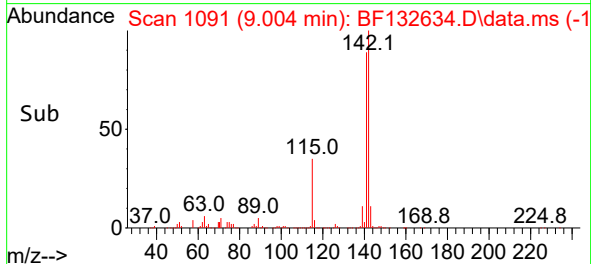
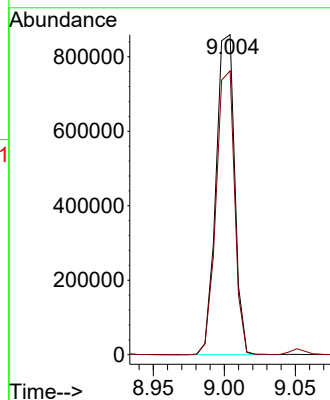
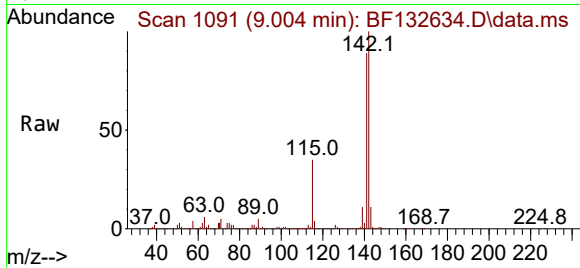




#37
2-Methylnaphthalene
Concen: 37.328 ng
RT: 9.004 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

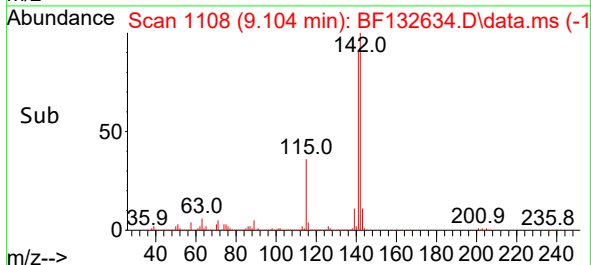
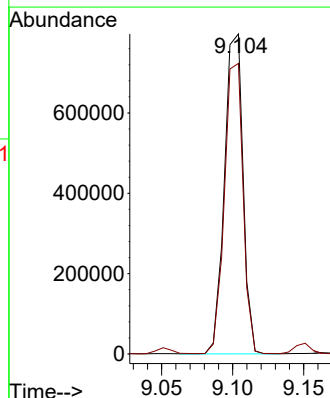
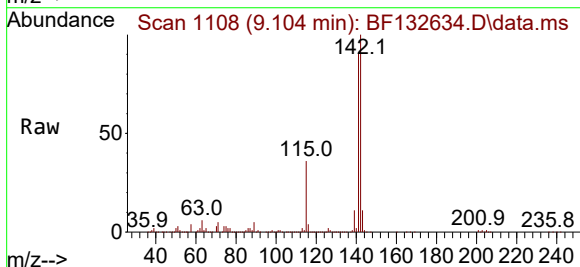
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

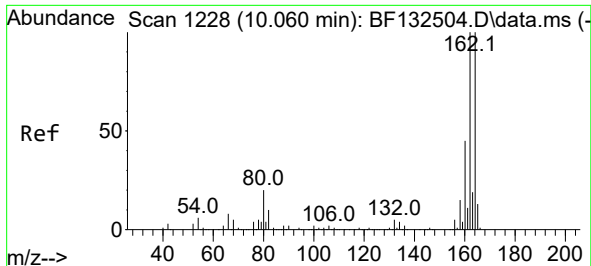
Tgt Ion:142 Resp: 785261
Ion Ratio Lower Upper
142 100
141 88.7 70.2 105.2



#38
1-Methylnaphthalene
Concen: 36.814 ng
RT: 9.104 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:142 Resp: 723754
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.6

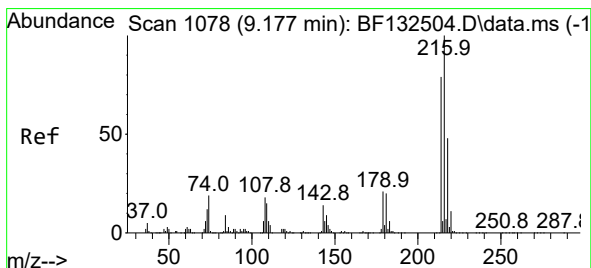
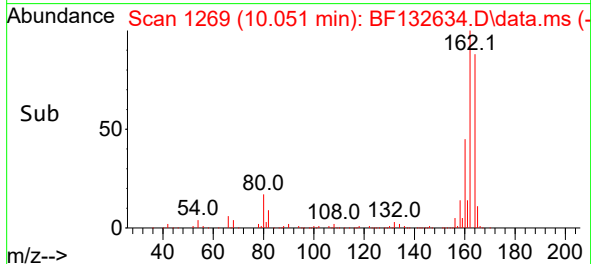
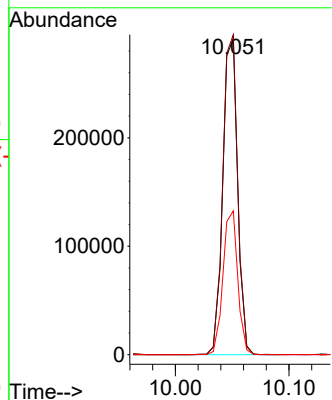
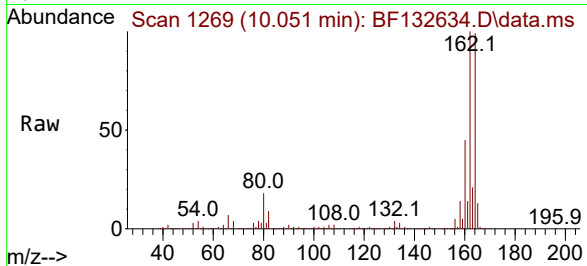




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

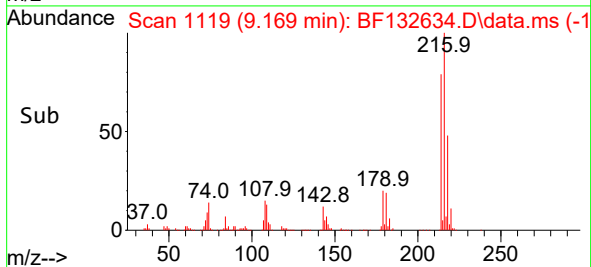
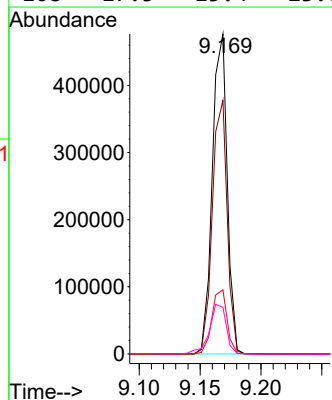
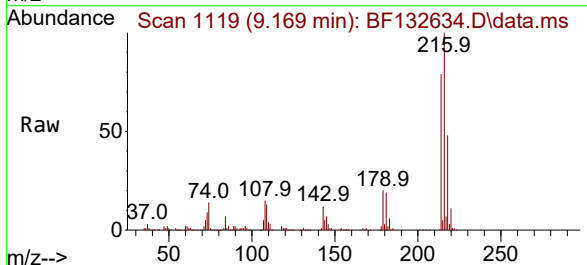
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

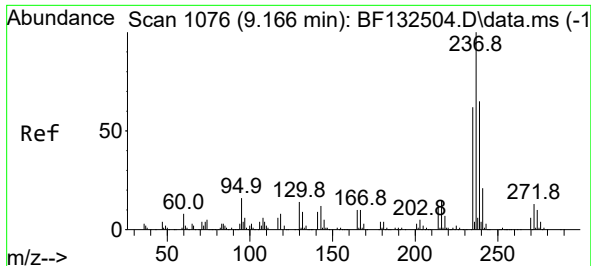
Tgt Ion:164 Resp: 264750
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 45.5 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.895 ng
RT: 9.169 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:216 Resp: 406206
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.6
179 20.4 16.6 24.8
108 17.5 15.4 23.0

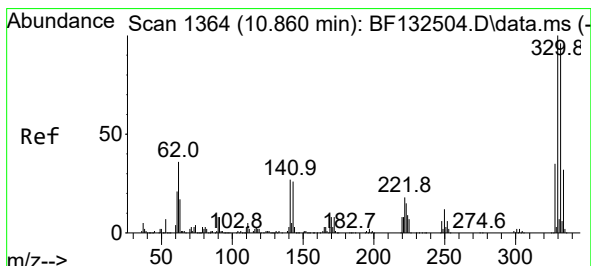
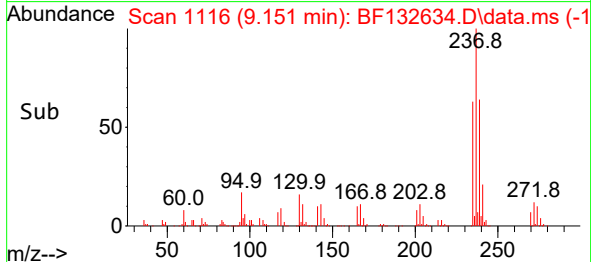
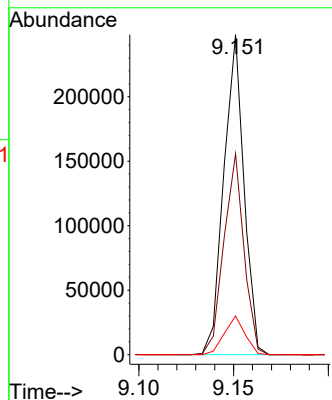
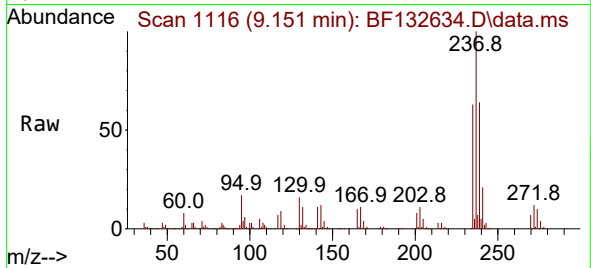




#41
Hexachlorocyclopentadiene
Concen: 39.138 ng
RT: 9.151 min Scan# 1116
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

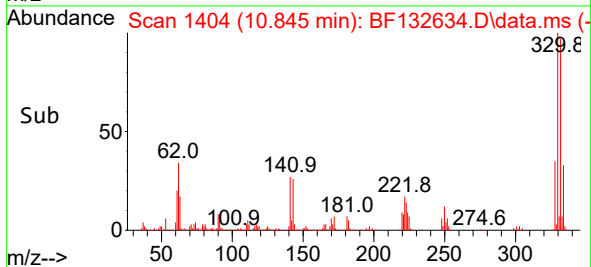
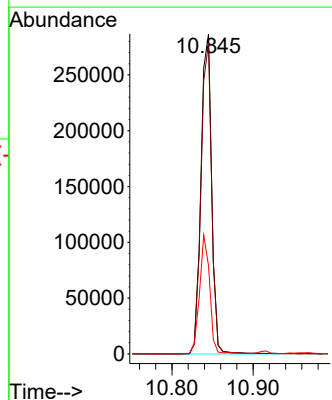
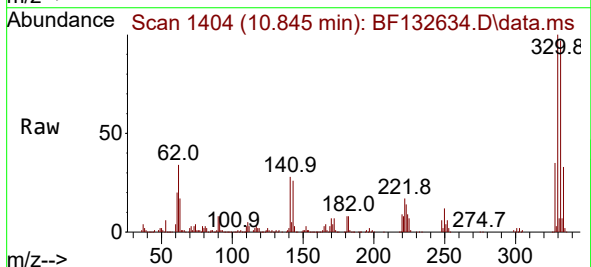
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VNJ-223MS

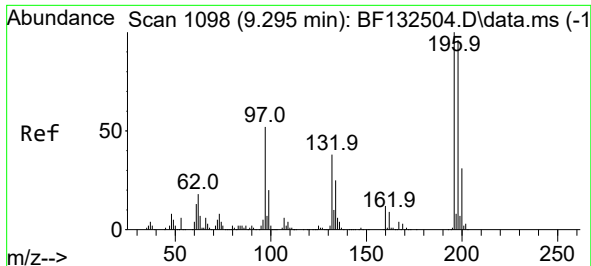
Tgt Ion:237 Resp: 183878
Ion Ratio Lower Upper
237 100
235 62.8 42.4 82.4
272 12.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 91.998 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:330 Resp: 263039
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 35.0 28.4 42.6

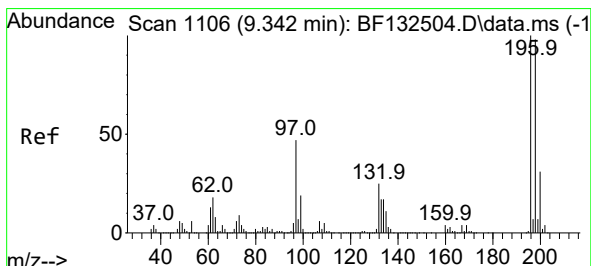
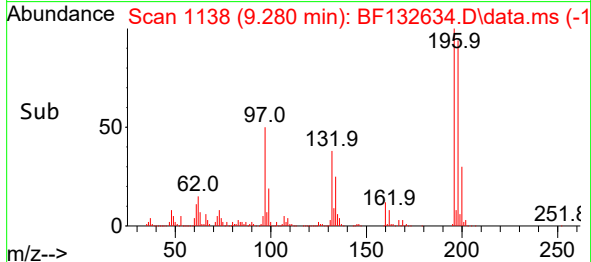
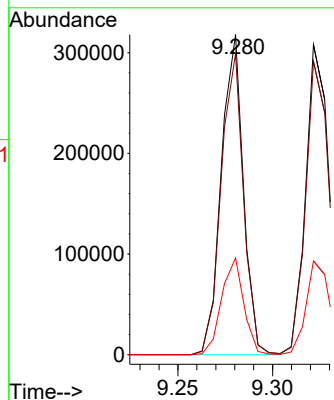
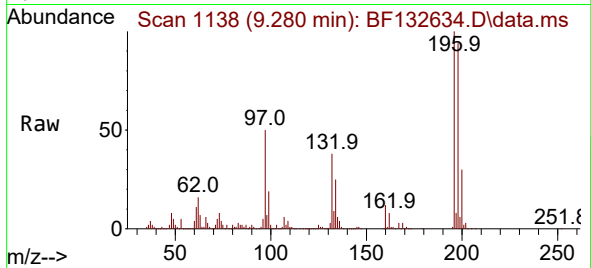




#43
 2,4,6-Trichlorophenol
 Concen: 43.969 ng
 RT: 9.280 min Scan# 1118
 Delta R.T. -0.003 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

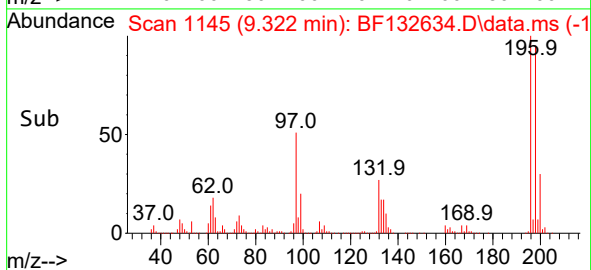
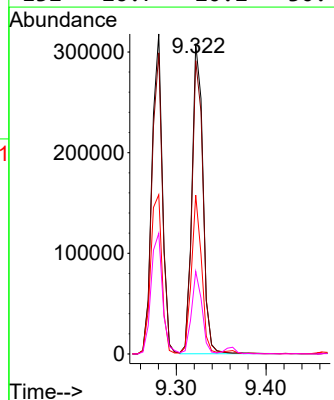
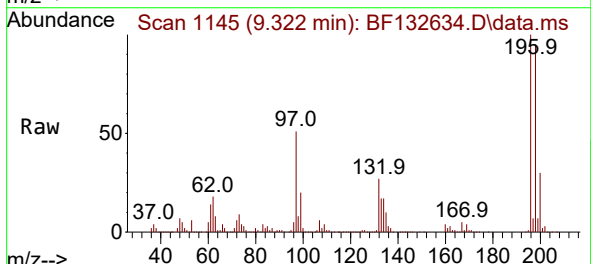
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 VNJ-223MS

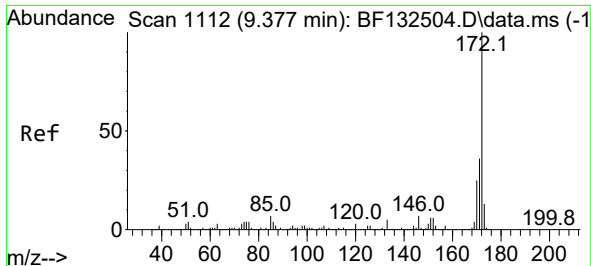
Tgt Ion:196 Resp: 258108
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.1 115.7
 200 30.2 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 38.346 ng
 RT: 9.322 min Scan# 1145
 Delta R.T. -0.003 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

Tgt Ion:196 Resp: 262720
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.3 117.5
 97 51.2 38.1 57.1
 132 26.7 20.2 30.4

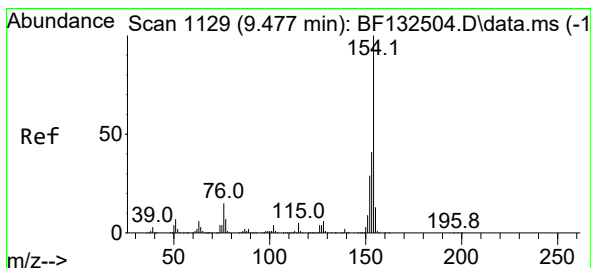
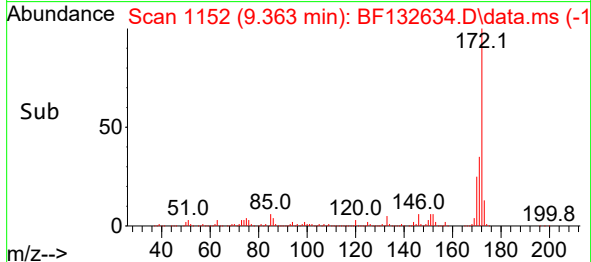
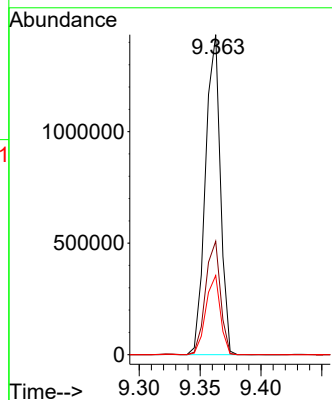
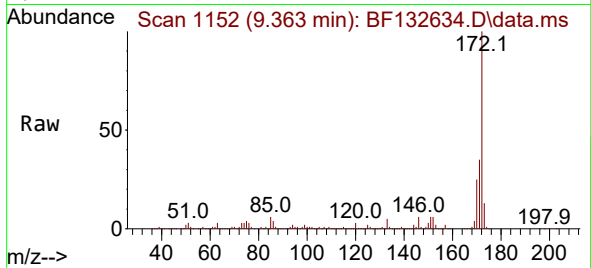




#45
2-Fluorobiphenyl
Concen: 69.989 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

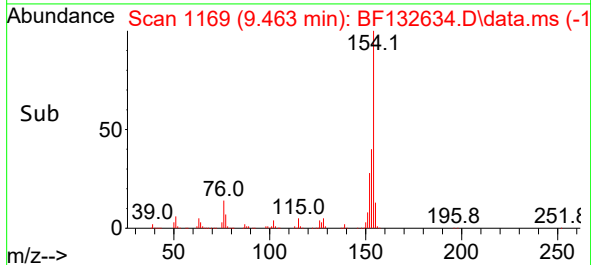
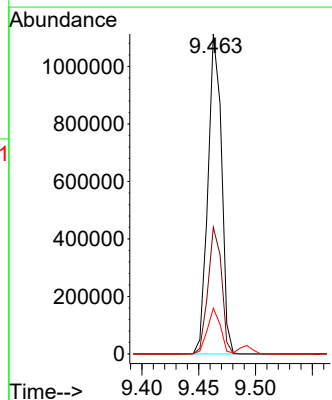
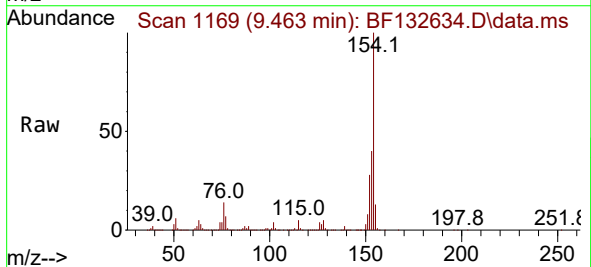
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

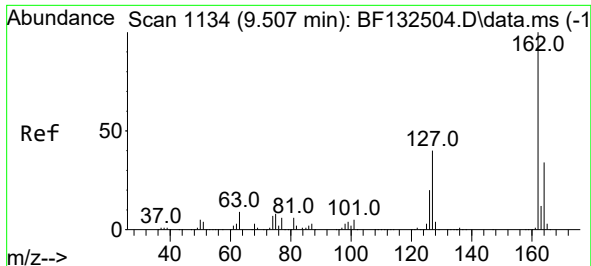
Tgt Ion:172 Resp: 1216917
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.8 19.7 29.5



#46
1,1'-Biphenyl
Concen: 45.871 ng
RT: 9.463 min Scan# 1169
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:154 Resp: 919191
Ion Ratio Lower Upper
154 100
153 39.6 20.9 60.9
76 14.3 0.0 34.7

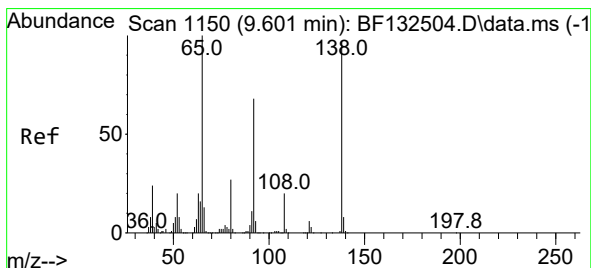
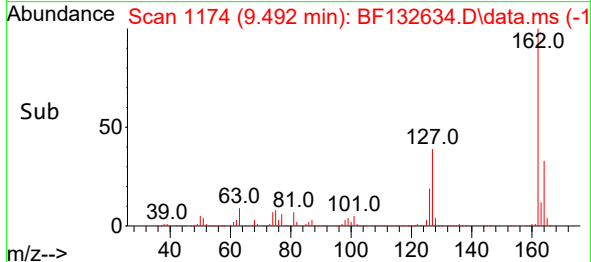
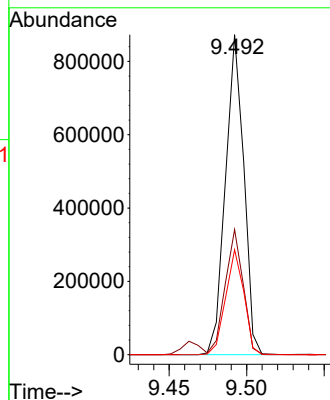
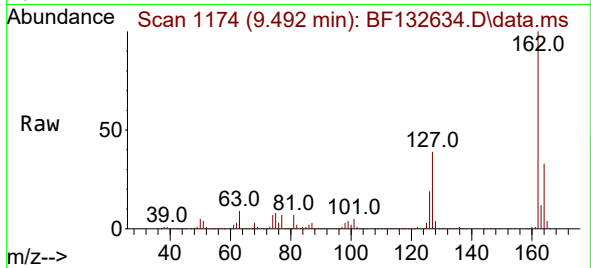




#47
2-Chloronaphthalene
Concen: 45.078 ng
RT: 9.492 min Scan# 11174
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

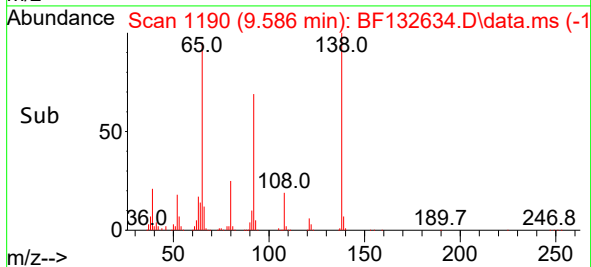
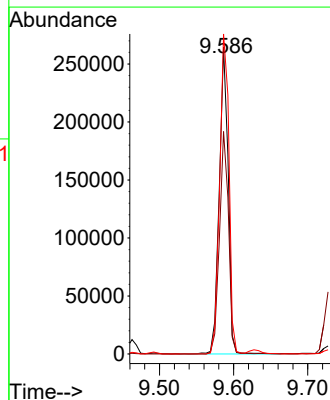
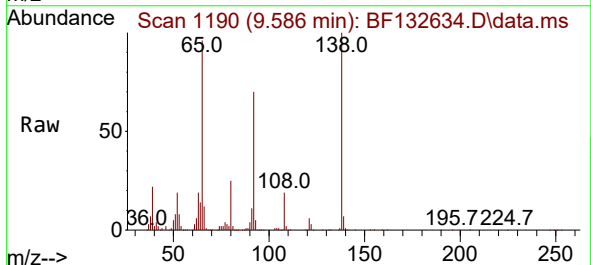
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

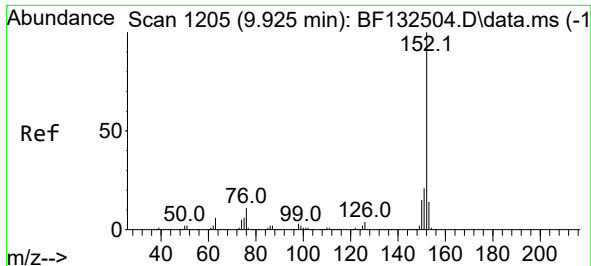
Tgt Ion:162 Resp: 716170
Ion Ratio Lower Upper
162 100
127 39.1 32.3 48.5
164 32.8 26.9 40.3



#48
2-Nitroaniline
Concen: 37.793 ng
RT: 9.586 min Scan# 1190
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion: 65 Resp: 221140
Ion Ratio Lower Upper
65 100
92 72.5 54.5 81.7
138 104.4 77.2 115.8





#49

Acenaphthylene

Concen: 43.213 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

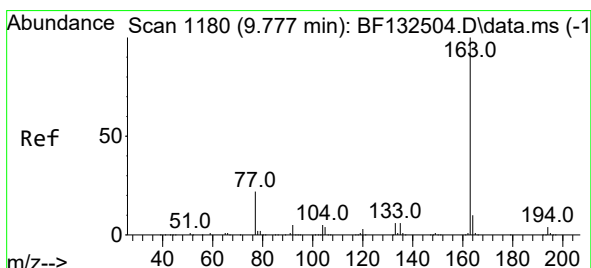
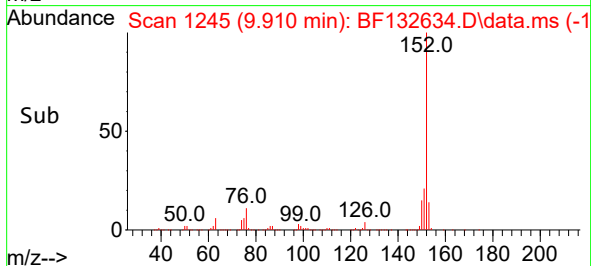
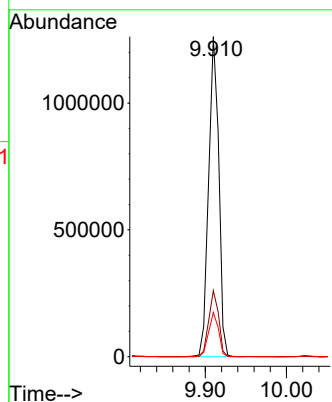
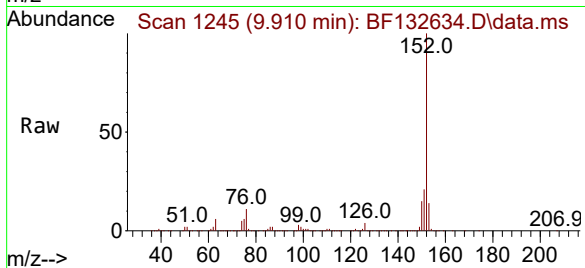
Tgt Ion:152 Resp: 1092635

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.8 11.0 16.6



#50

Dimethylphthalate

Concen: 42.441 ng

RT: 9.763 min Scan# 1220

Delta R.T. -0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

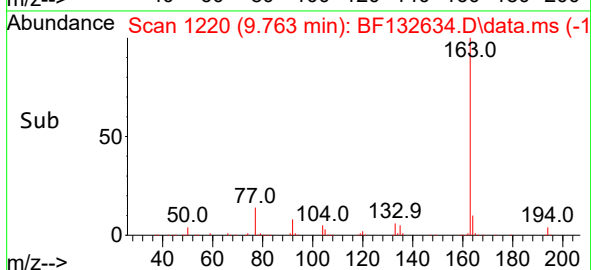
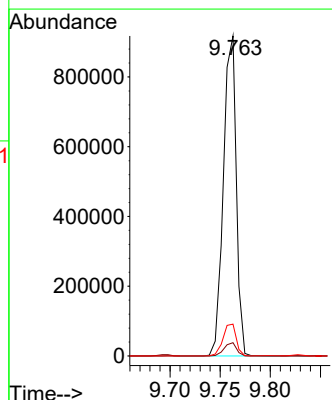
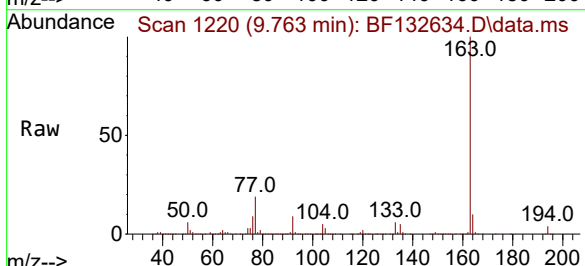
Tgt Ion:163 Resp: 818144

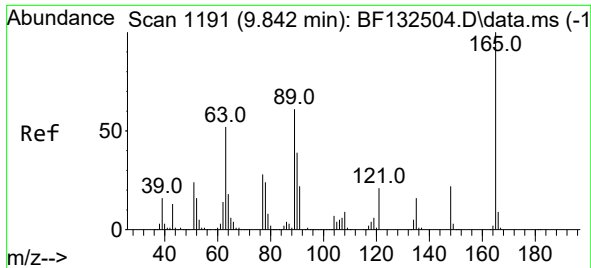
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.9 8.3 12.5

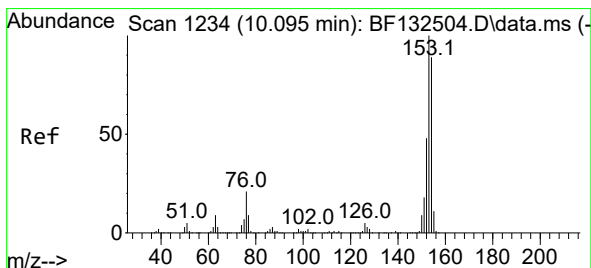
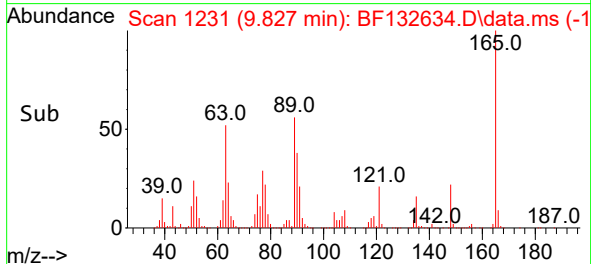
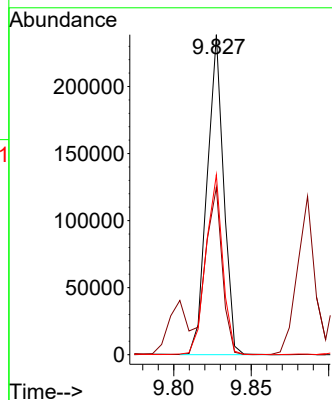
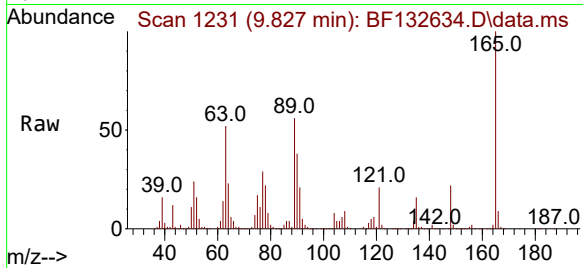




#51
2,6-Dinitrotoluene
Concen: 40.341 ng
RT: 9.827 min Scan# 1191
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

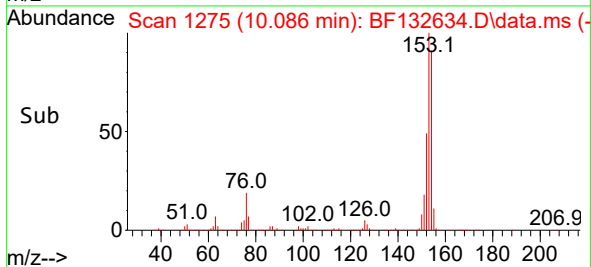
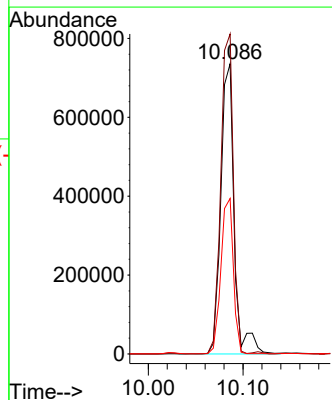
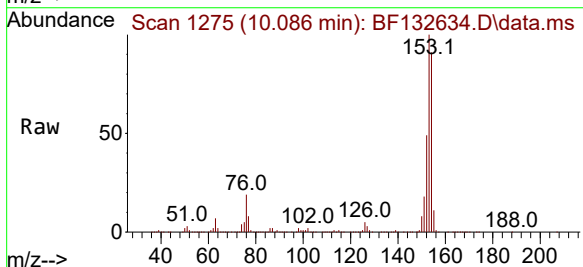
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

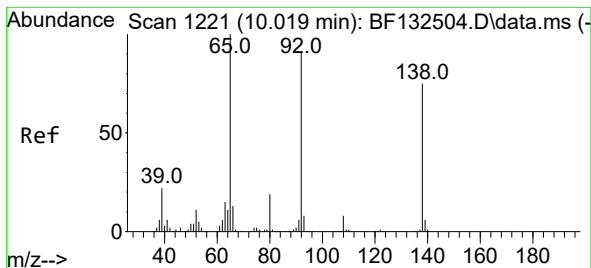
Tgt Ion:165 Resp: 177102
Ion Ratio Lower Upper
165 100
63 52.3 47.3 70.9
89 56.2 48.9 73.3



#52
Acenaphthene
Concen: 44.905 ng
RT: 10.086 min Scan# 1275
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:154 Resp: 720993
Ion Ratio Lower Upper
154 100
153 110.3 89.8 134.8
152 53.6 43.3 64.9

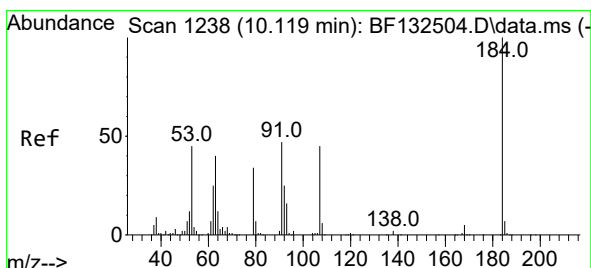
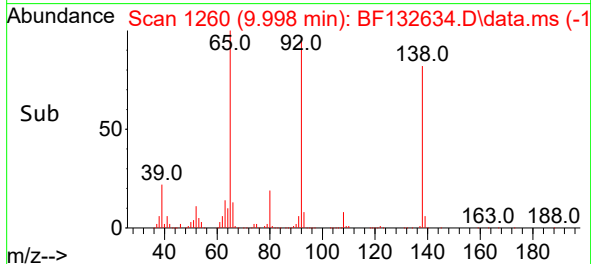
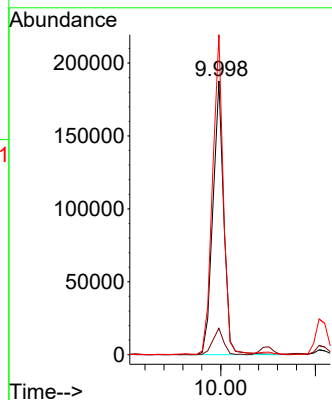
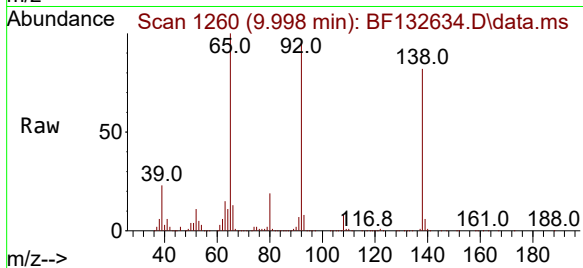




#53
3-Nitroaniline
Concen: 30.342 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

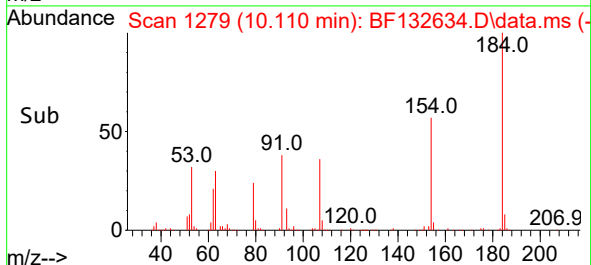
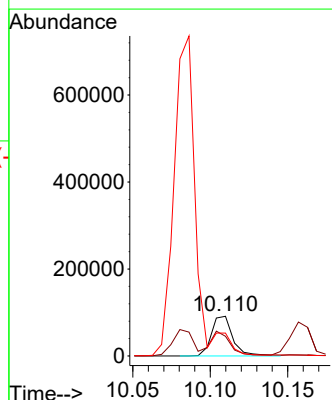
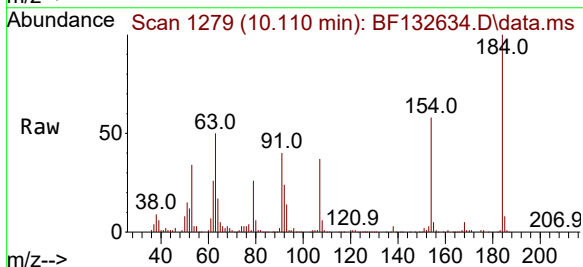
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

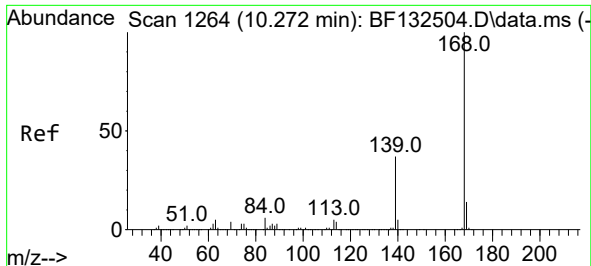
Tgt Ion:138 Resp: 149009
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 116.9 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 32.836 ng
RT: 10.110 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:184 Resp: 87760
Ion Ratio Lower Upper
184 100
63 49.5 51.4 77.2#
154 57.6 48.3 72.5

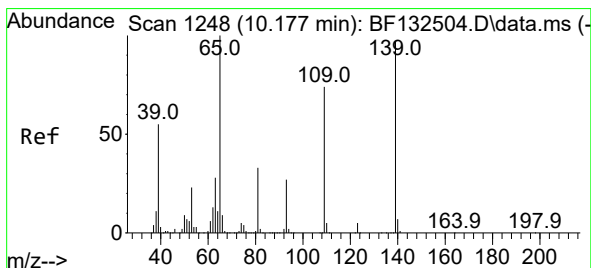
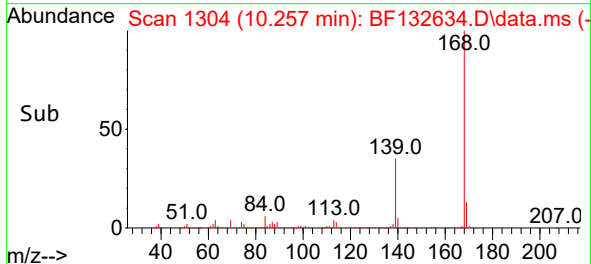
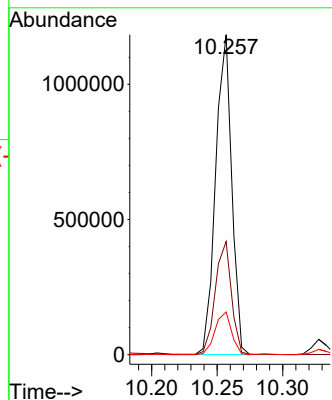
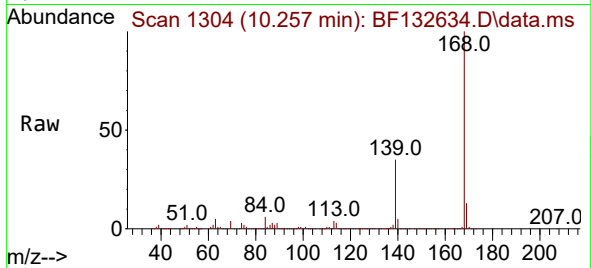




#55
Dibenzenofuran
Concen: 43.039 ng
RT: 10.257 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

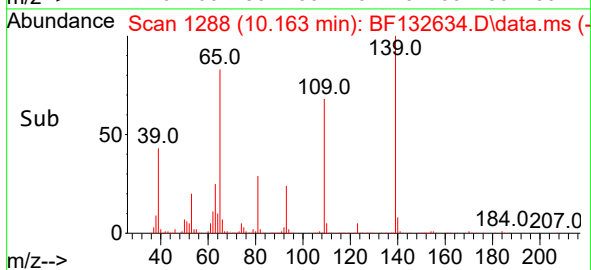
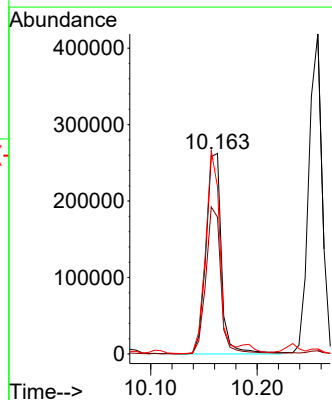
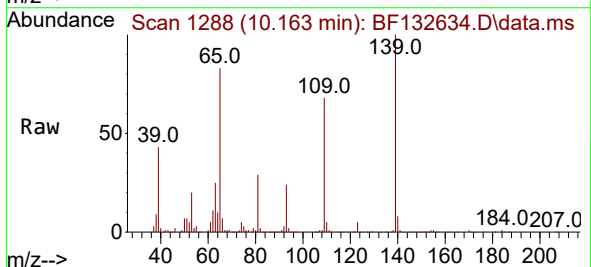
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

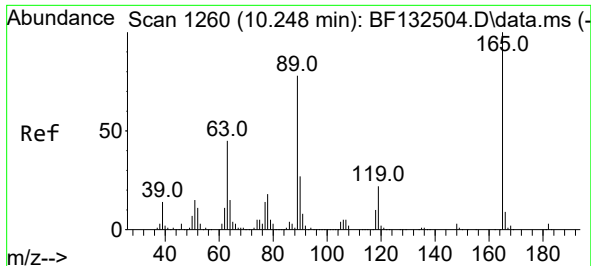
Tgt Ion:168 Resp: 1007400
Ion Ratio Lower Upper
168 100
139 35.4 29.8 44.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 72.484 ng
RT: 10.163 min Scan# 1288
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:139 Resp: 265465
Ion Ratio Lower Upper
139 100
109 68.2 56.7 96.7
65 83.4 83.5 123.5#





#57

2,4-Dinitrotoluene

Concen: 38.360 ng

RT: 10.233 min Scan# 11

Delta R.T. -0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tgt Ion:165 Resp: 224042

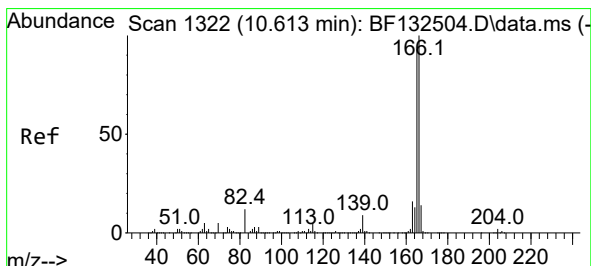
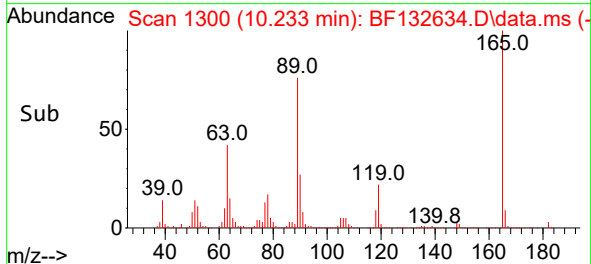
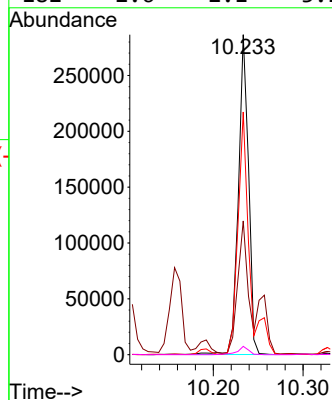
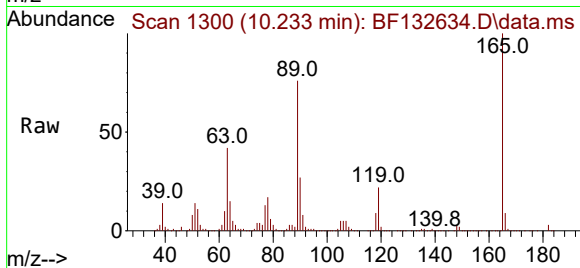
Ion Ratio Lower Upper

165 100

63 41.8 36.5 54.7

89 75.9 62.4 93.6

182 2.6 2.1 3.1



#58

Fluorene

Concen: 44.221 ng

RT: 10.598 min Scan# 1362

Delta R.T. -0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

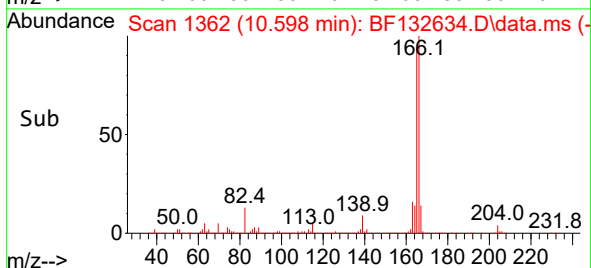
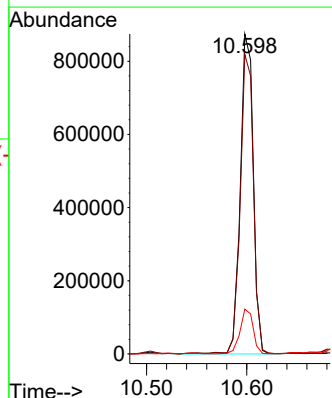
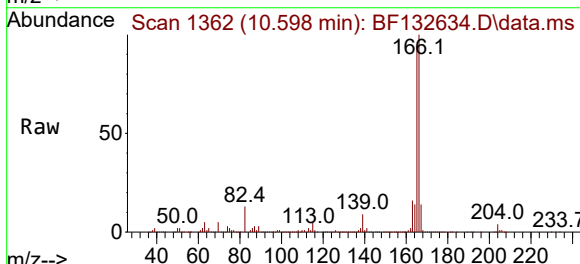
Tgt Ion:166 Resp: 791735

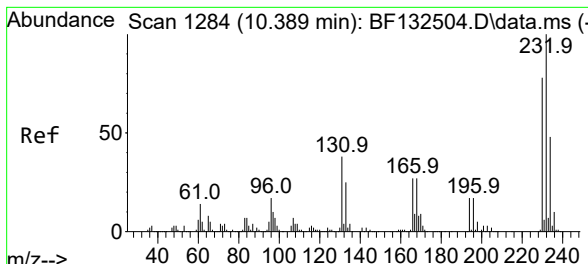
Ion Ratio Lower Upper

166 100

165 93.6 74.2 111.4

167 14.0 11.1 16.7

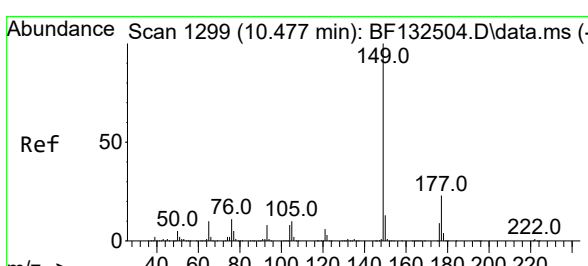
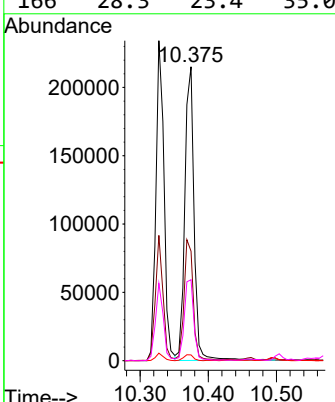
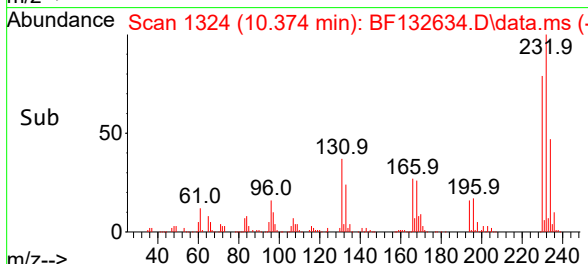
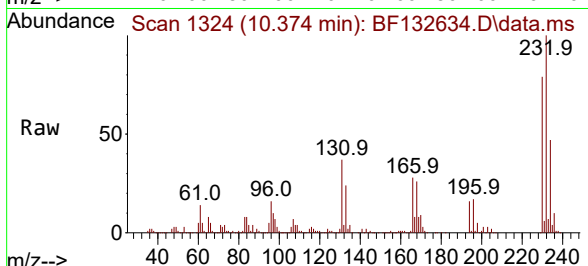




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.268 ng
 RT: 10.374 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

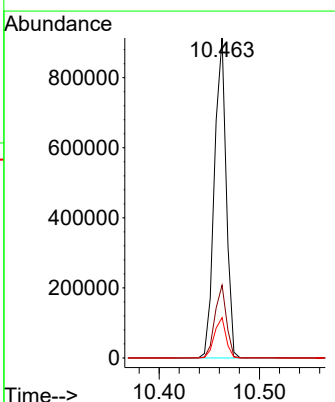
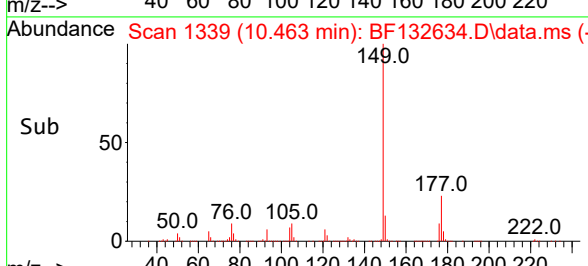
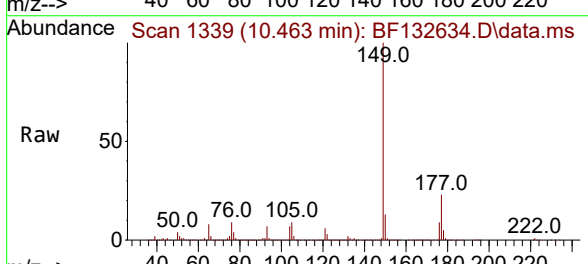
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

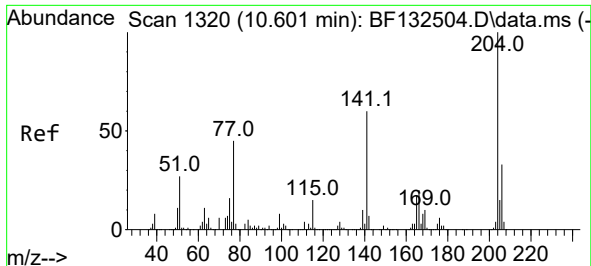
Tgt Ion:	232	Resp:	199850
Ion Ratio	Lower	Upper	
232	100		
131	39.6	33.8	50.8
130	2.2	1.7	2.5
166	28.3	23.4	35.0



#60
 Diethylphthalate
 Concen: 39.611 ng
 RT: 10.463 min Scan# 1339
 Delta R.T. -0.009 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

Tgt Ion:	149	Resp:	745761
Ion Ratio	Lower	Upper	
149	100		
177	22.8	18.1	27.1
150	12.6	10.2	15.2

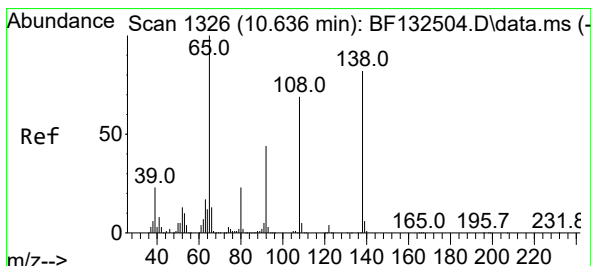
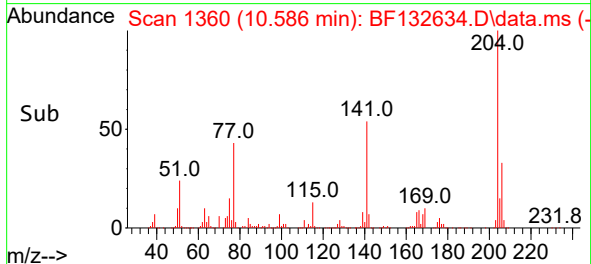
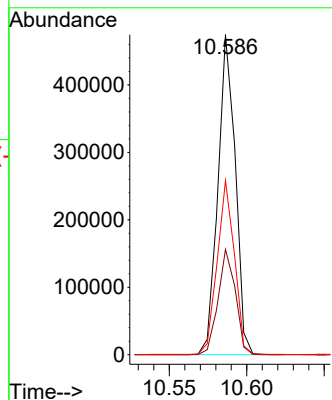
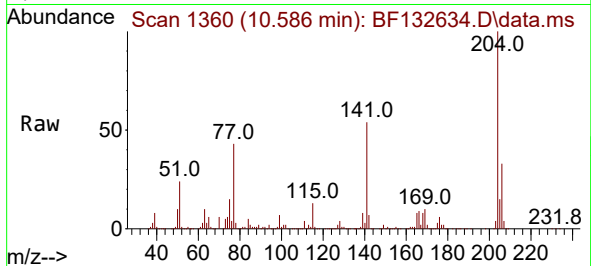




#61
4-Chlorophenyl-phenylether
Concen: 39.721 ng
RT: 10.586 min Scan# 1360
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

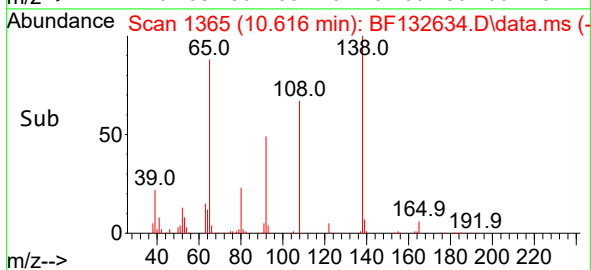
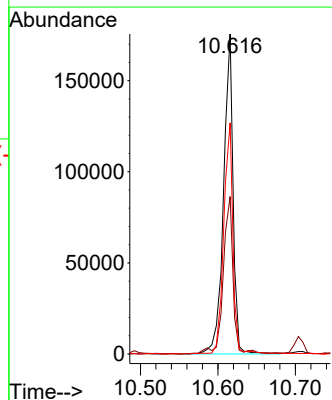
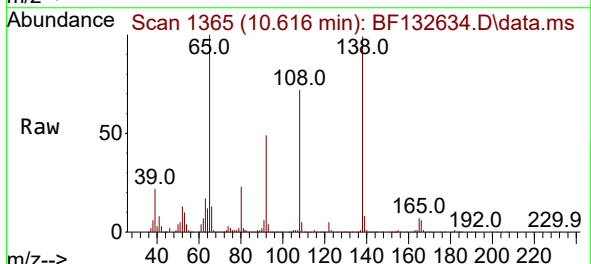
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

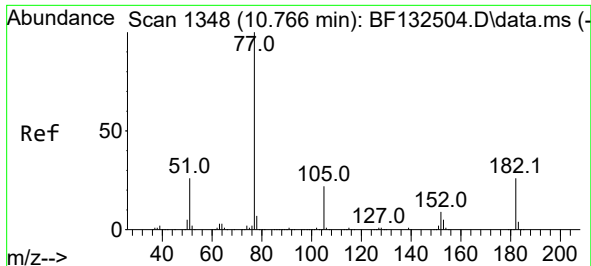
Tgt Ion:204 Resp: 368928
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 54.4 47.8 71.8



#62
4-Nitroaniline
Concen: 31.310 ng
RT: 10.616 min Scan# 1365
Delta R.T. -0.015 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:138 Resp: 150934
Ion Ratio Lower Upper
138 100
92 49.2 33.8 73.8
108 72.2 63.7 103.7



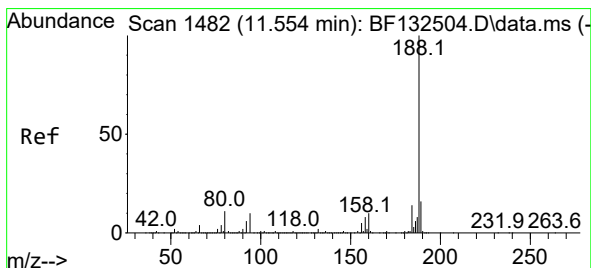
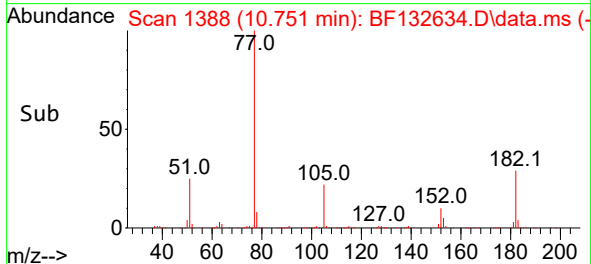
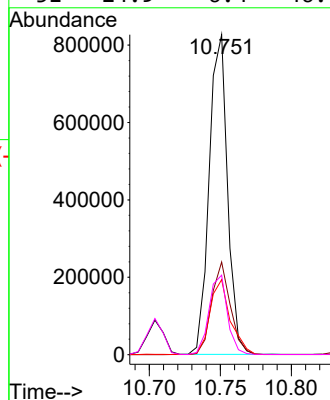
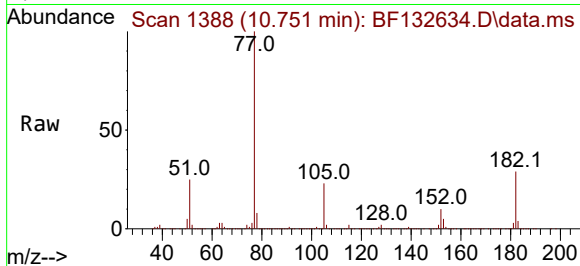


#63
 Azobenzene
 Concen: 37.272 ng
 RT: 10.751 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Tgt Ion: 77 Resp: 743163

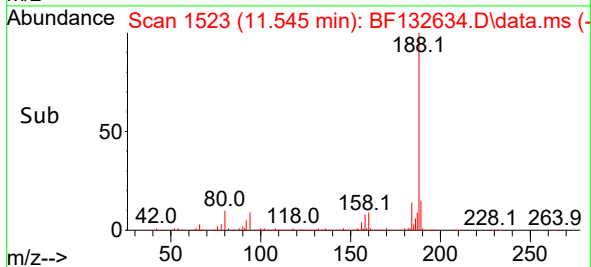
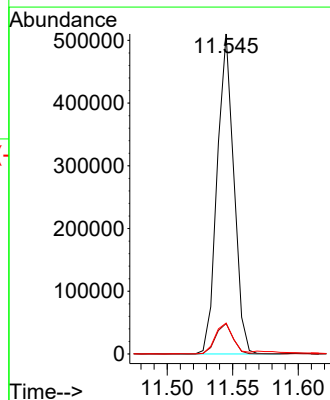
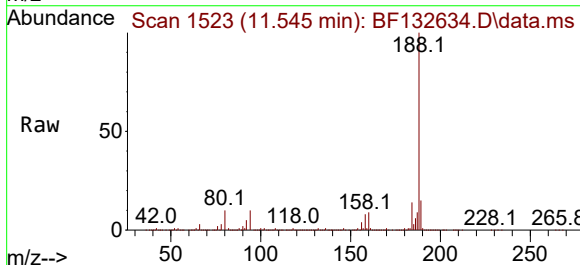
Ion	Ratio	Lower	Upper
77	100		
182	28.9	5.5	45.5
105	23.4	1.8	41.8
51	24.9	6.4	46.4

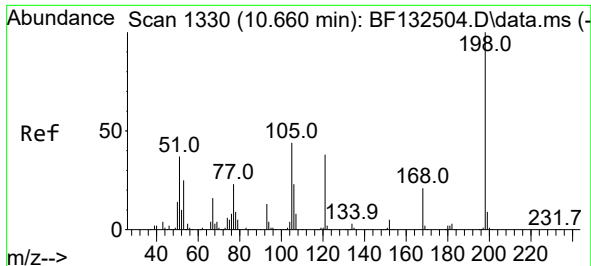


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.545 min Scan# 1523
 Delta R.T. -0.003 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

Tgt Ion: 188 Resp: 450537

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.3	12.5
80	9.7	8.7	13.1

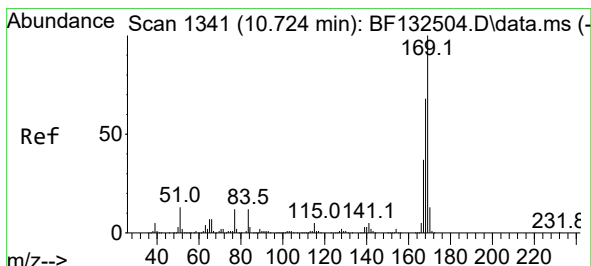
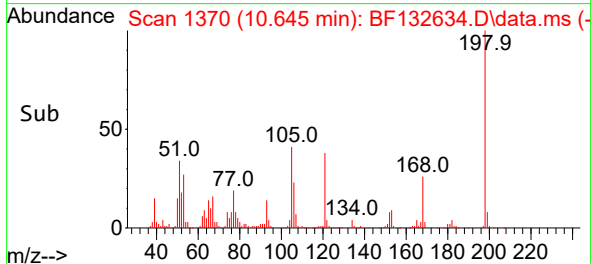
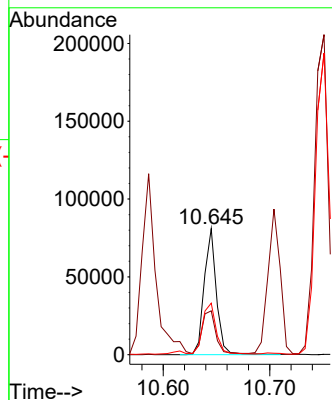
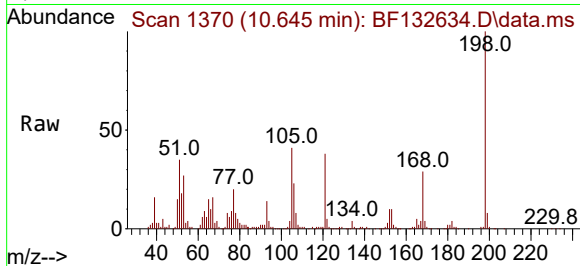




#65
4,6-Dinitro-2-methylphenol
Concen: 21.202 ng
RT: 10.645 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

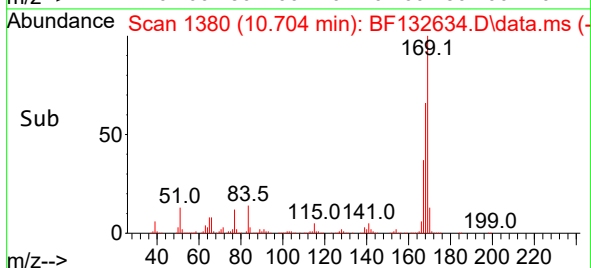
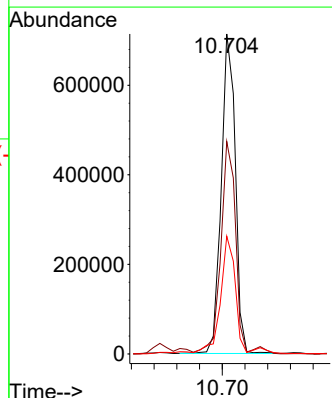
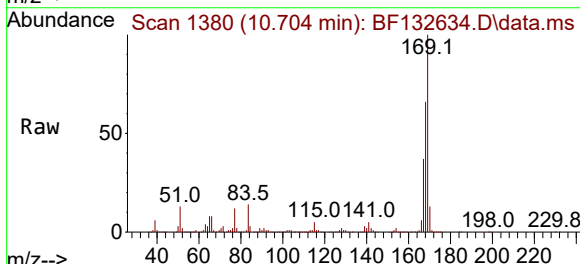
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

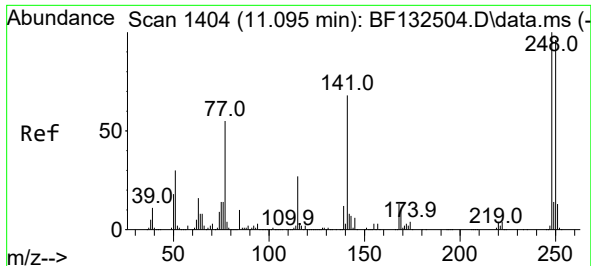
Tgt Ion:198 Resp: 64664
Ion Ratio Lower Upper
198 100
51 34.8 20.6 60.6
105 40.8 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 43.635 ng
RT: 10.704 min Scan# 1380
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:169 Resp: 612894
Ion Ratio Lower Upper
169 100
168 66.4 54.2 81.4
167 36.8 29.6 44.4

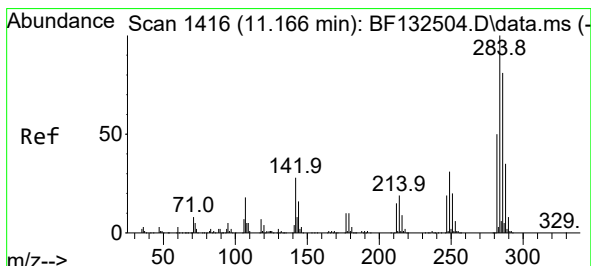
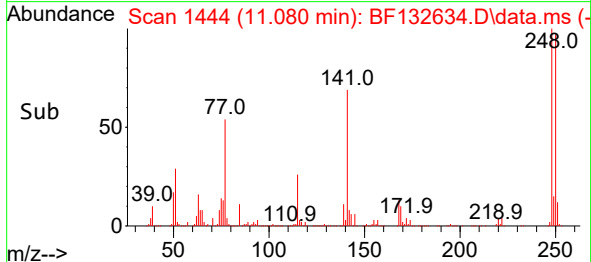
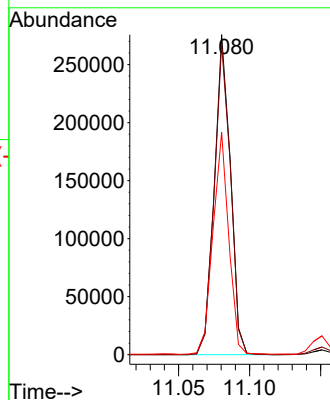
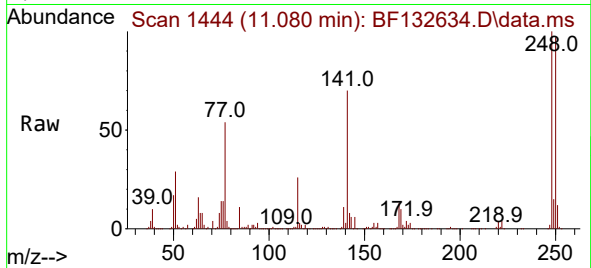




#67
4-Bromophenyl-phenylether
Concen: 42.705 ng
RT: 11.080 min Scan# 1444
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

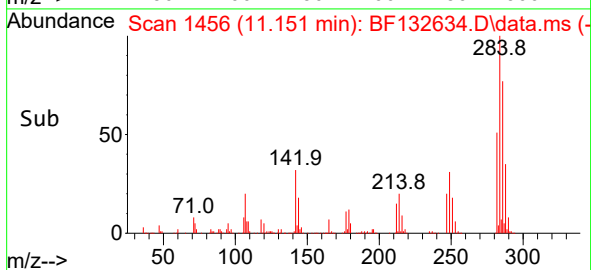
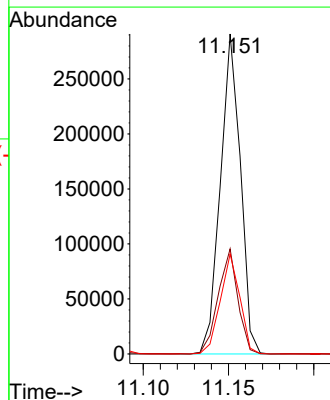
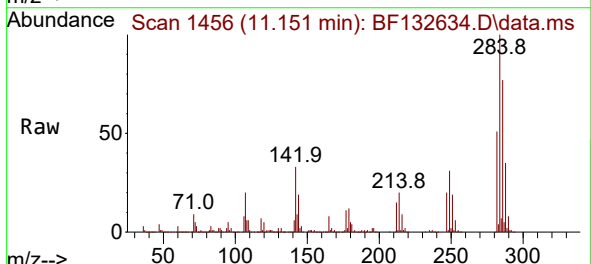
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

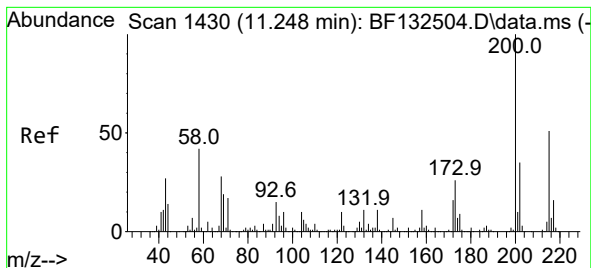
Tgt Ion:248 Resp: 217637
Ion Ratio Lower Upper
248 100
250 97.2 77.0 115.4
141 69.5 54.2 81.2



#68
Hexachlorobenzene
Concen: 44.364 ng
RT: 11.151 min Scan# 1456
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:284 Resp: 237901
Ion Ratio Lower Upper
284 100
142 32.8 22.2 33.4
249 31.3 24.9 37.3





#69

Atrazine

Concen: 44.784 ng

RT: 11.233 min Scan# 14

Delta R.T. -0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

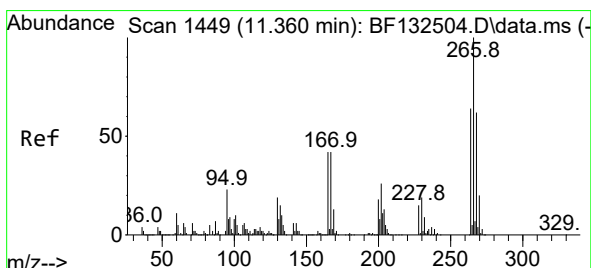
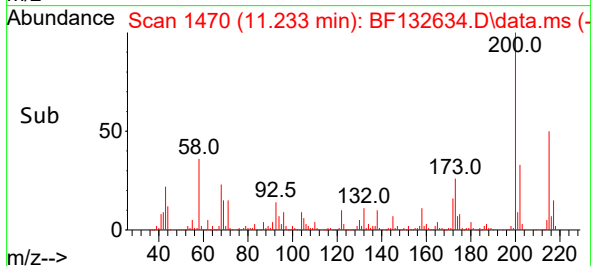
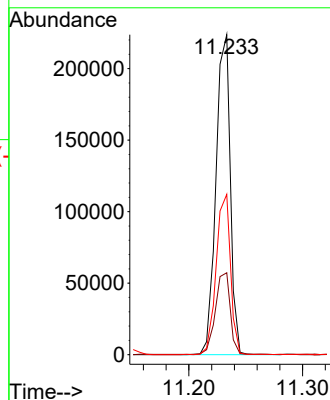
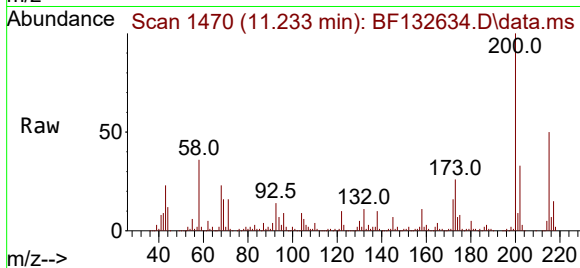
Tgt Ion:200 Resp: 196374

Ion Ratio Lower Upper

200 100

173 25.6 6.4 46.4

215 50.1 31.0 71.0



#70

Pentachlorophenol

Concen: 80.415 ng

RT: 11.351 min Scan# 1490

Delta R.T. 0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

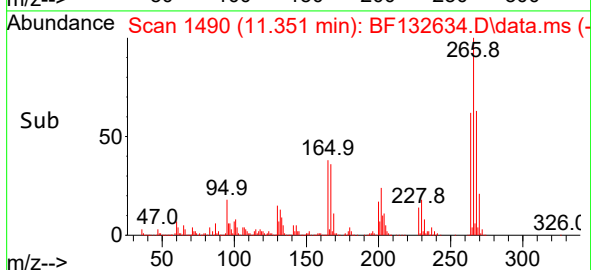
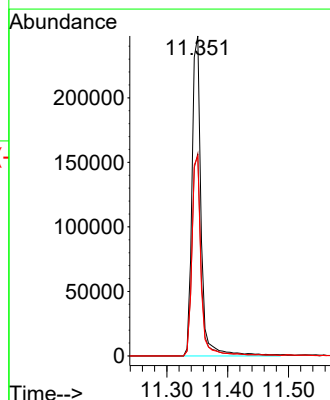
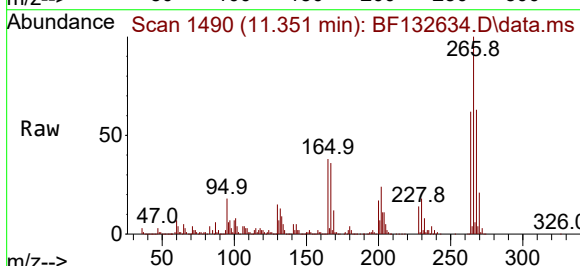
Tgt Ion:266 Resp: 256563

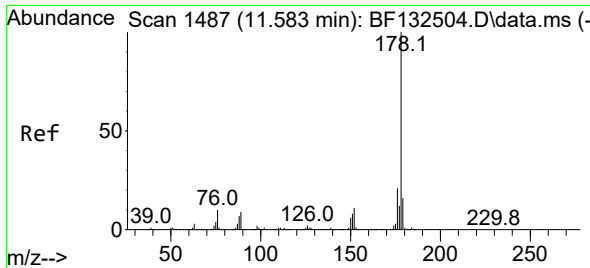
Ion Ratio Lower Upper

266 100

268 63.1 49.8 74.6

264 62.4 50.9 76.3

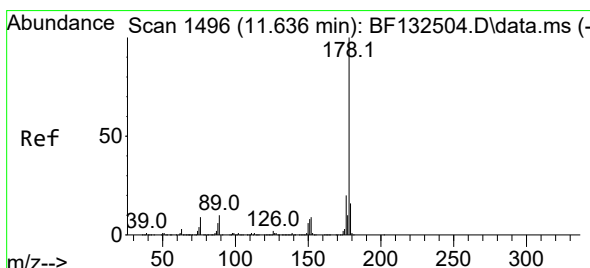
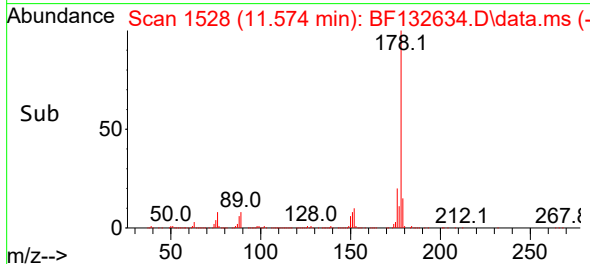
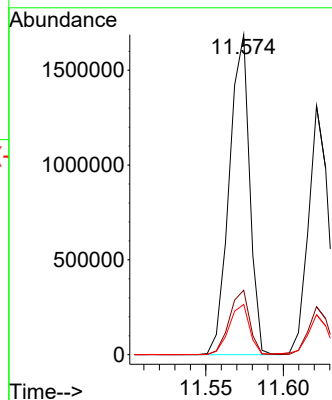
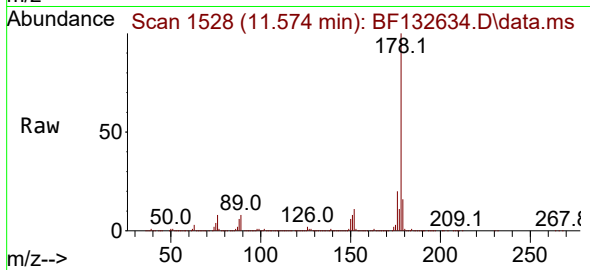




#71
Phenanthrene
Concen: 65.999 ng
RT: 11.574 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

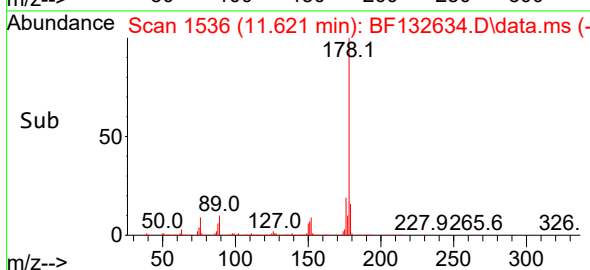
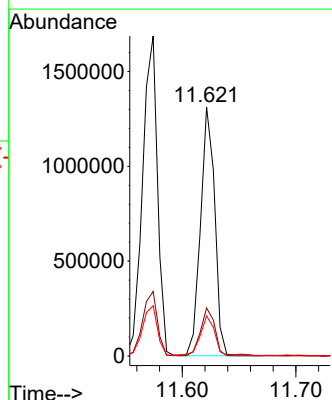
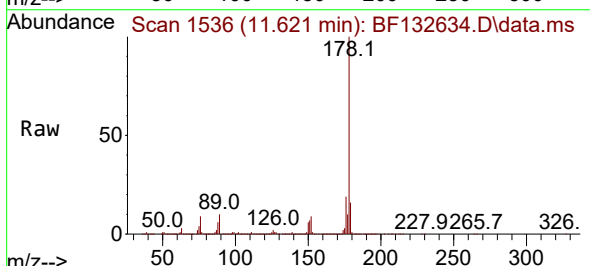
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

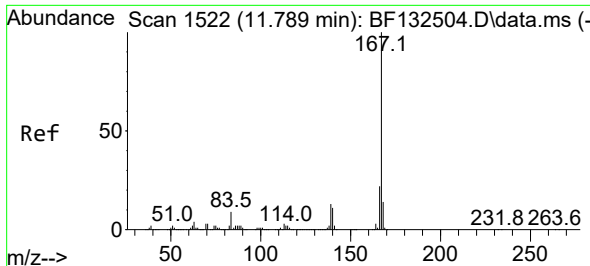
Tgt Ion:178 Resp: 1540406
Ion Ratio Lower Upper
178 100
176 20.1 16.5 24.7
179 15.7 13.0 19.6



#72
Anthracene
Concen: 47.301 ng
RT: 11.621 min Scan# 1536
Delta R.T. -0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:178 Resp: 1136878
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.0 12.5 18.7

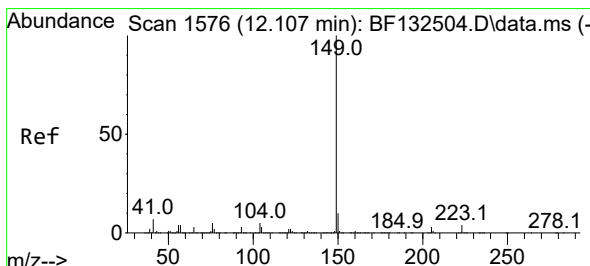
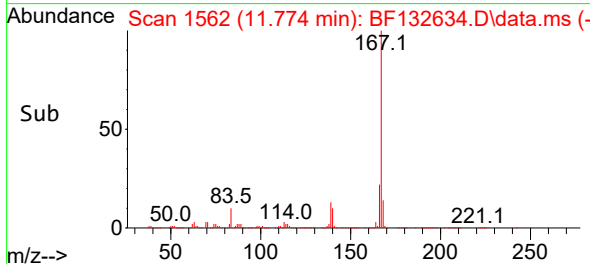
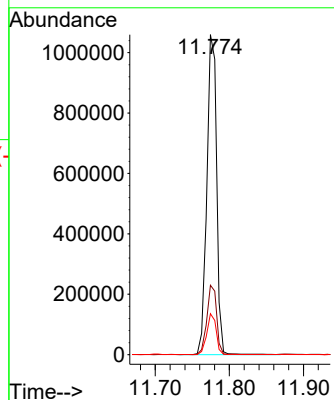
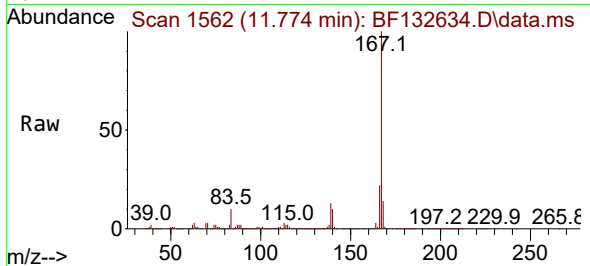




#73
 Carbazole
 Concen: 44.977 ng
 RT: 11.774 min Scan# 1617
 Delta R.T. -0.009 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

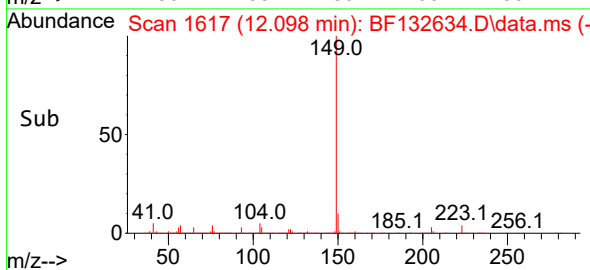
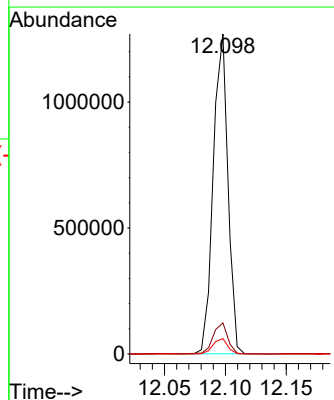
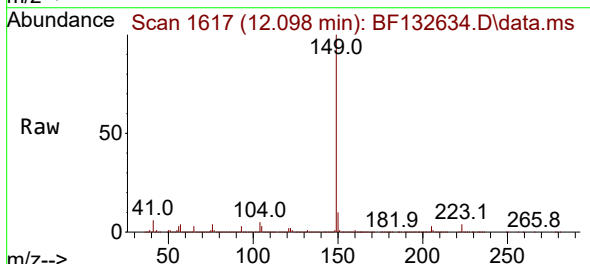
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

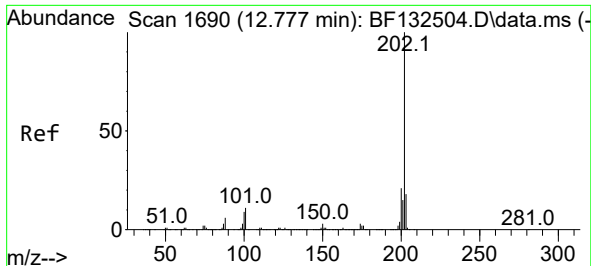
Tgt Ion:167 Resp: 974652
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 12.8 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 41.808 ng
 RT: 12.098 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

Tgt Ion:149 Resp: 1062727
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 4.8 4.3 6.5

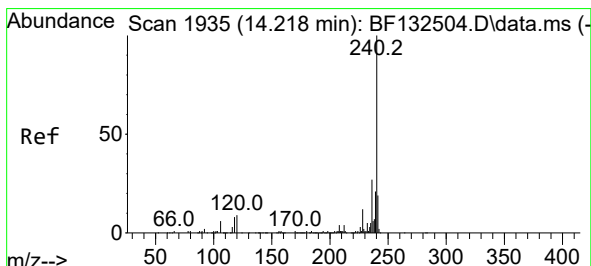
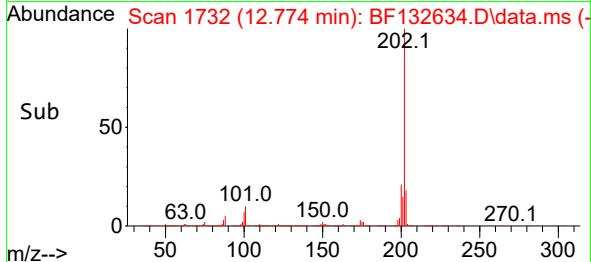
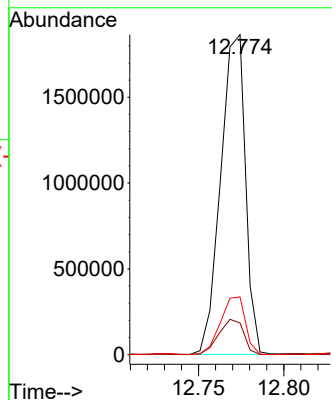
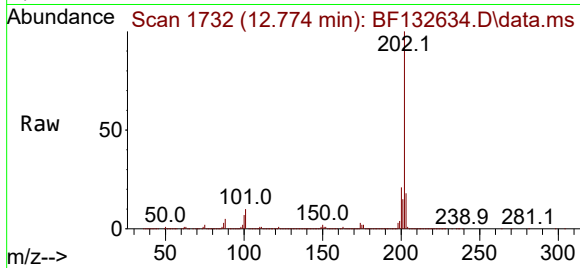




#75
Fluoranthene
Concen: 73.866 ng
RT: 12.774 min Scan# 1
Delta R.T. 0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

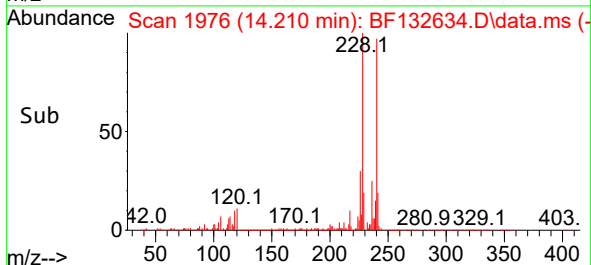
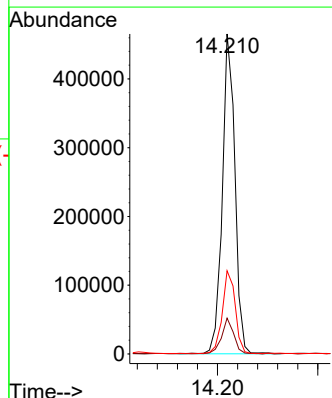
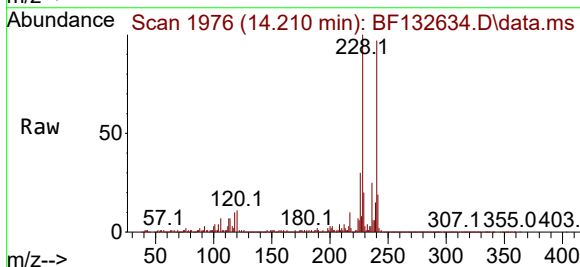
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

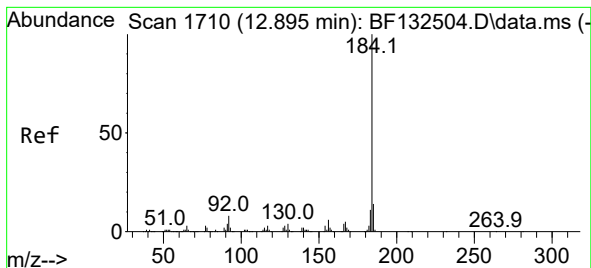
Tgt Ion:202 Resp: 1884711
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.210 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:240 Resp: 404405
Ion Ratio Lower Upper
240 100
120 11.2 7.2 10.8#
236 26.0 21.8 32.6





#77

Benzidine

Concen: 60.604 ng

RT: 12.886 min Scan# 1710

Delta R.T. 0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

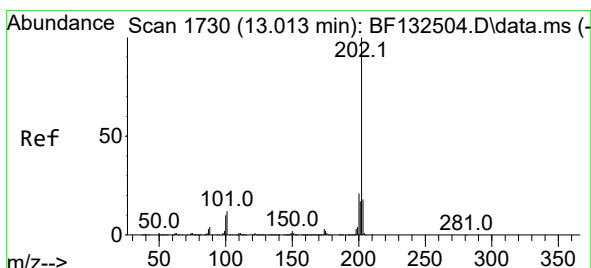
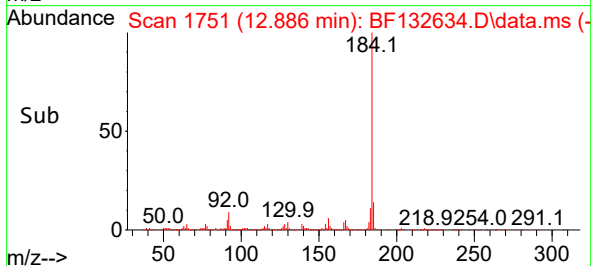
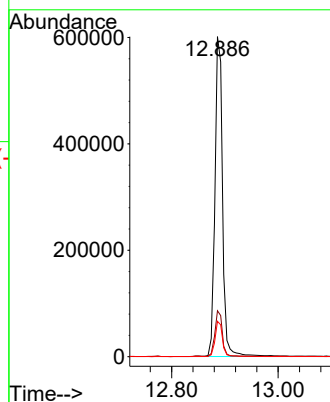
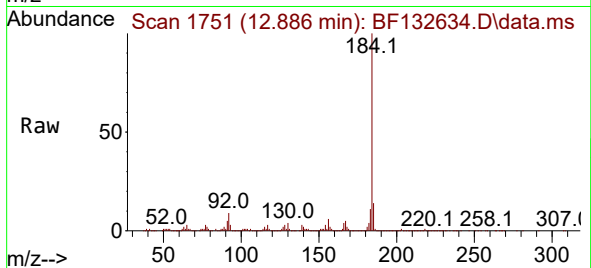
Tgt Ion:184 Resp: 596612

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 11.0 8.7 13.1



#78

Pyrene

Concen: 50.406 ng

RT: 13.004 min Scan# 1771

Delta R.T. 0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

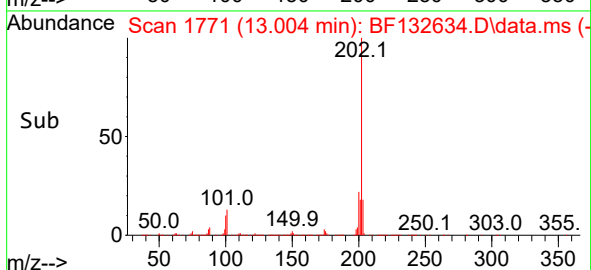
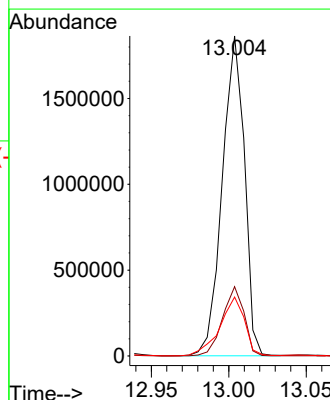
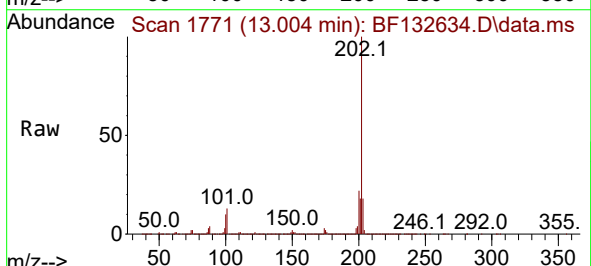
Tgt Ion:202 Resp: 1853299

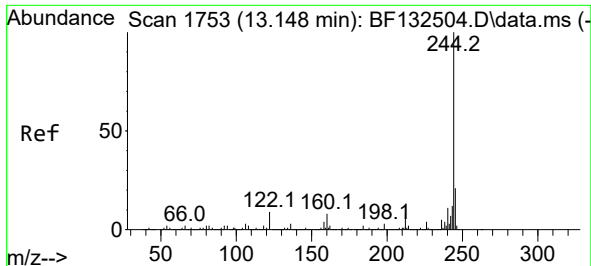
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 18.4 14.6 21.8

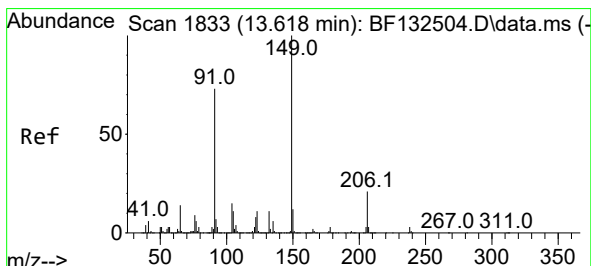
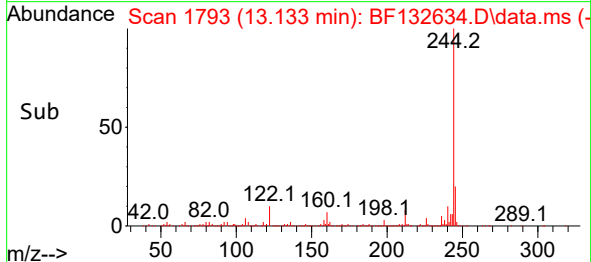
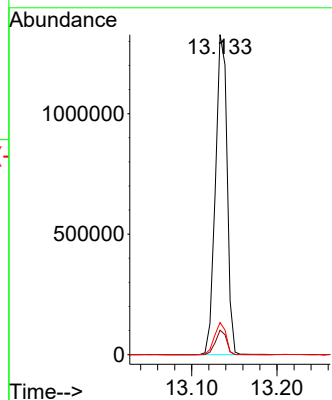
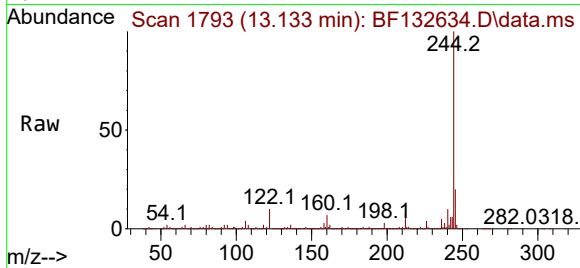




#79
 Terphenyl-d14
 Concen: 52.745 ng
 RT: 13.133 min Scan# 1
 Delta R.T. -0.009 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

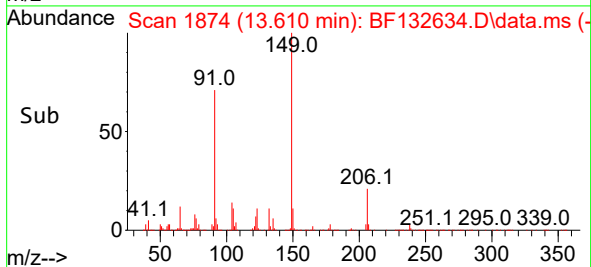
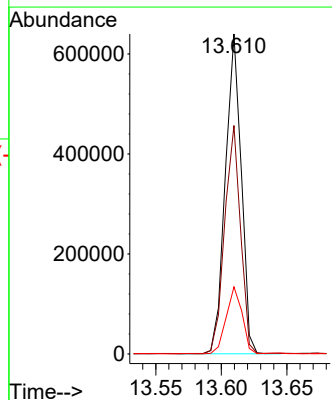
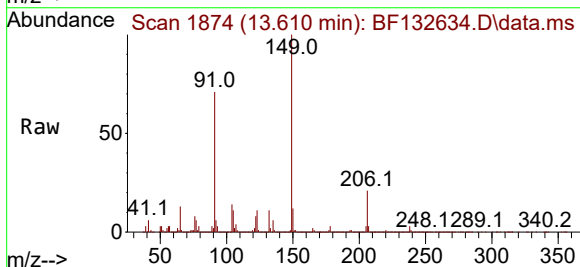
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

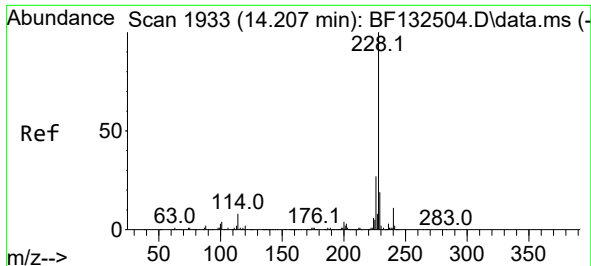
Tgt Ion:244 Resp: 1261594
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 10.1 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 37.012 ng
 RT: 13.610 min Scan# 1874
 Delta R.T. -0.003 min
 Lab File: BF132634.D
 Acq: 03 Mar 2023 18:06

Tgt Ion:149 Resp: 537015
 Ion Ratio Lower Upper
 149 100
 91 71.4 58.4 87.6
 206 20.9 16.8 25.2

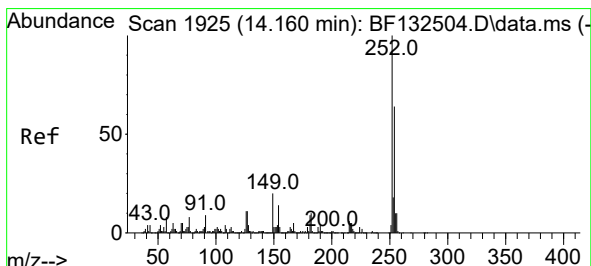
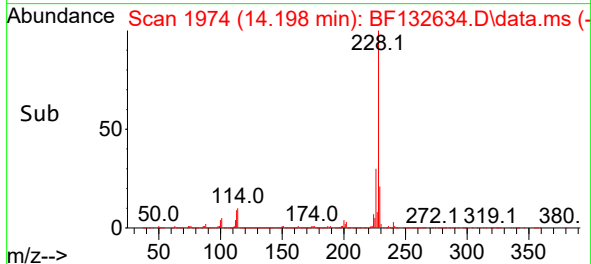
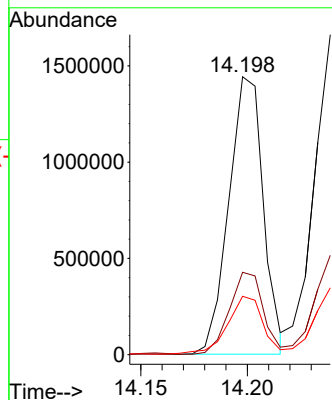
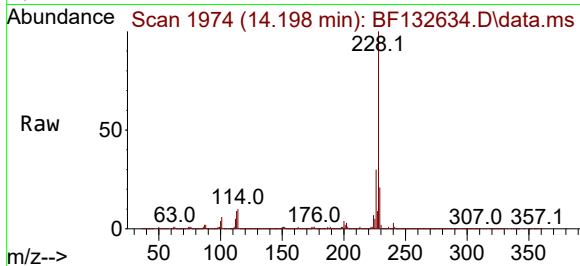




#81
Benzo(a)anthracene
Concen: 53.708 ng
RT: 14.198 min Scan# 1974
Delta R.T. 0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

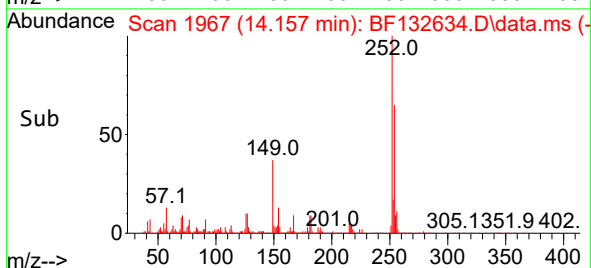
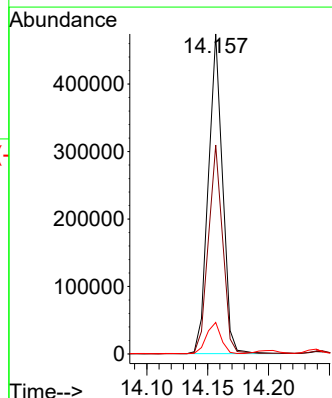
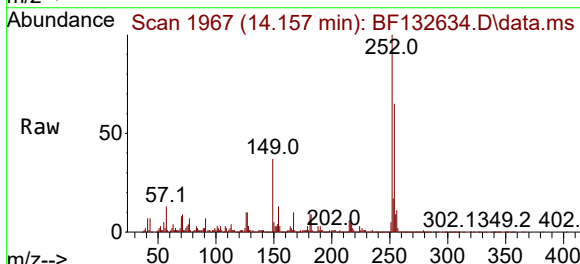
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

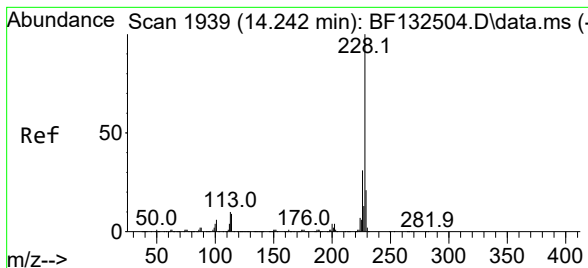
Tgt Ion:228 Resp: 1625132
Ion Ratio Lower Upper
228 100
226 29.6 21.7 32.5
229 21.0 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 43.135 ng
RT: 14.157 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:252 Resp: 384801
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.2
126 9.8 8.9 13.3





#83

Chrysene

Concen: 54.310 ng

RT: 14.239 min Scan# 1939

Delta R.T. 0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

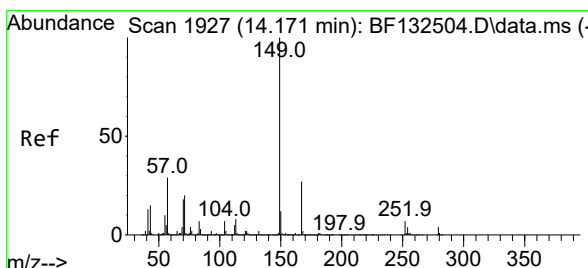
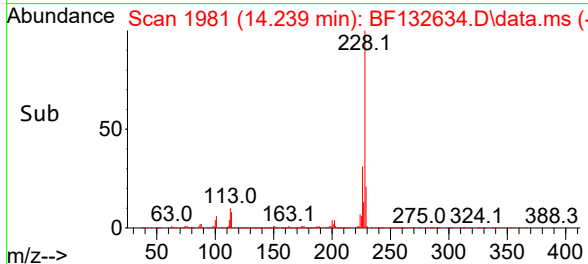
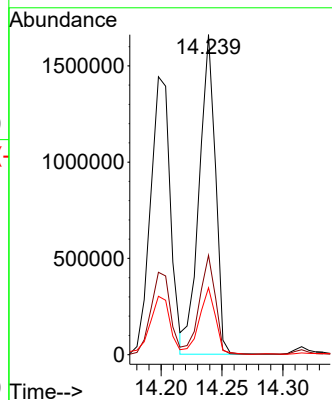
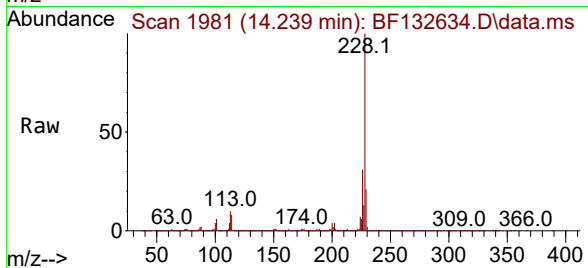
Tgt Ion:228 Resp: 1536735

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

229 20.9 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.558 ng

RT: 14.168 min Scan# 1969

Delta R.T. 0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

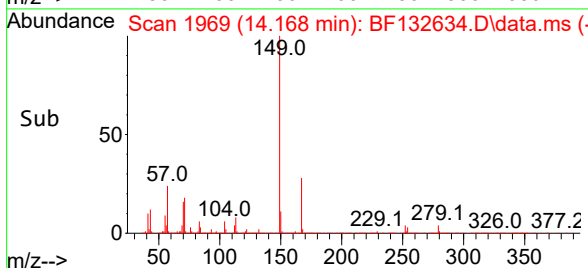
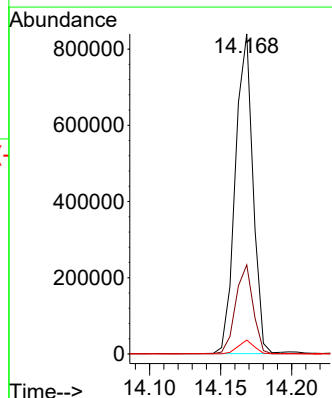
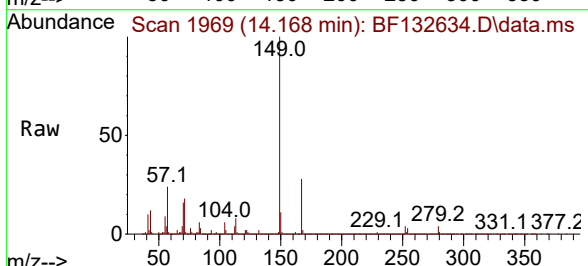
Tgt Ion:149 Resp: 722900

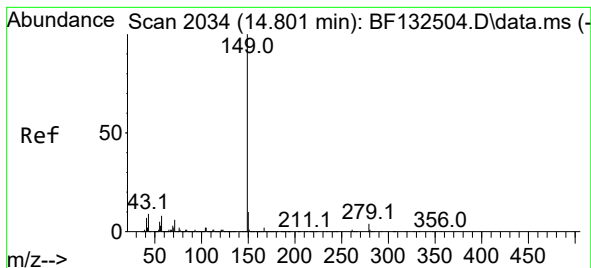
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 52.876 ng

RT: 14.792 min Scan# 2034

Delta R.T. 0.003 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

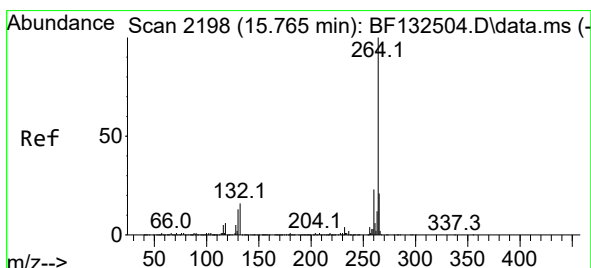
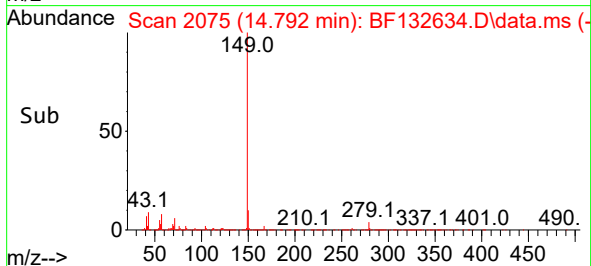
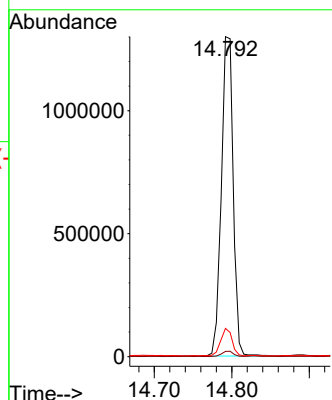
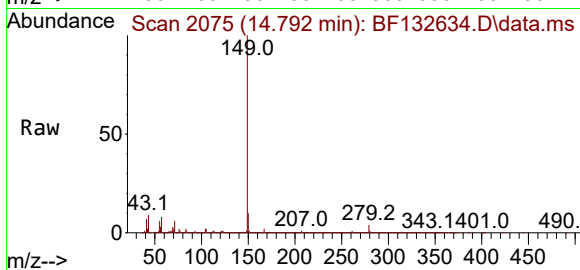
Tgt Ion:149 Resp: 1377216

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.2 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: BF132634.D

Acq: 03 Mar 2023 18:06

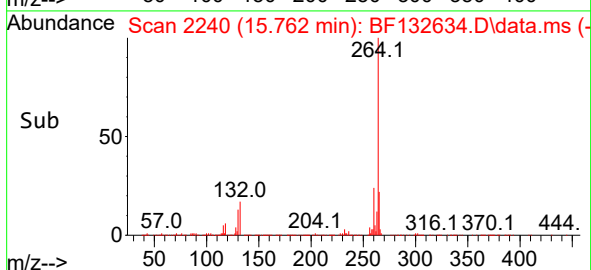
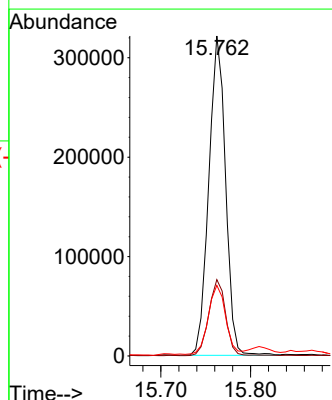
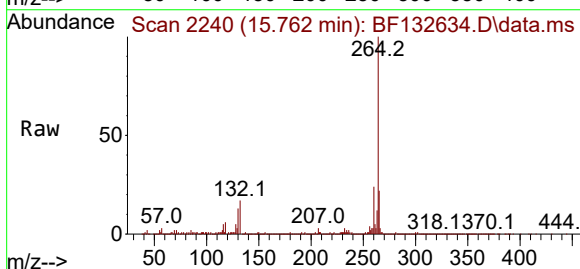
Tgt Ion:264 Resp: 416400

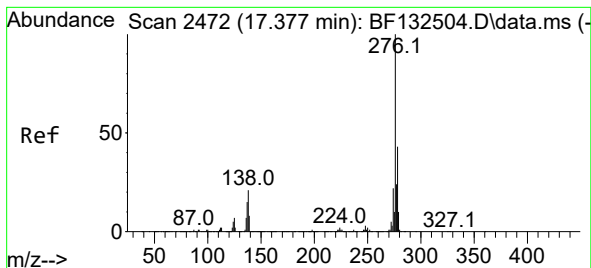
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 22.0 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.772 ng

RT: 17.368 min Scan# 2162

Delta R.T. 0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

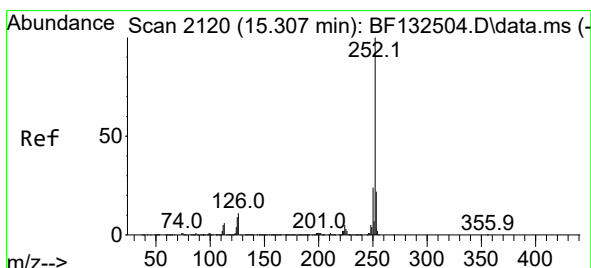
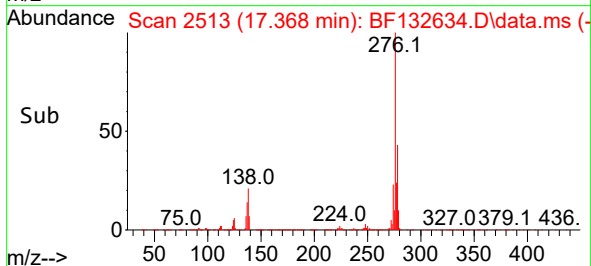
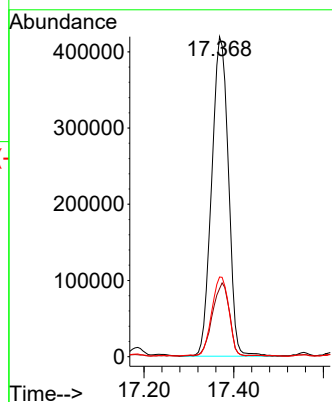
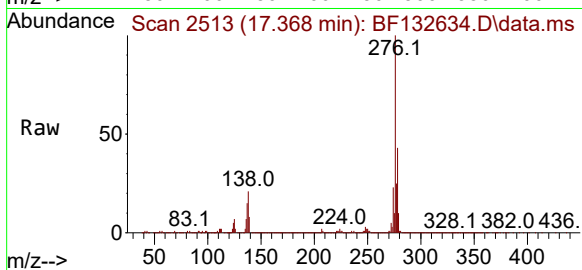
Tgt Ion:276 Resp: 1085168

Ion Ratio Lower Upper

276 100

138 23.3 19.0 28.4

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 58.188 ng

RT: 15.304 min Scan# 2162

Delta R.T. 0.009 min

Lab File: BF132634.D

Acq: 03 Mar 2023 18:06

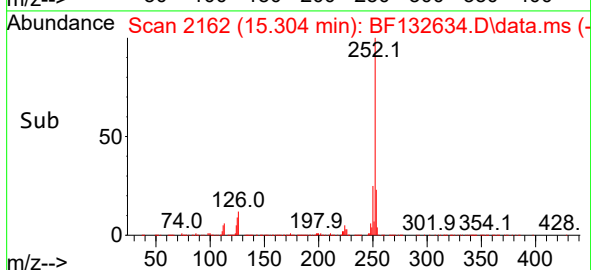
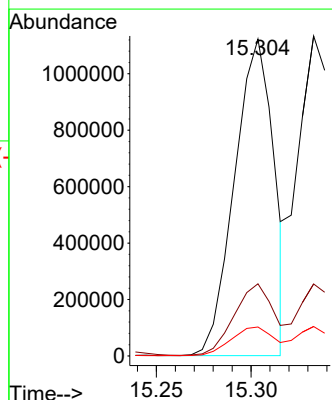
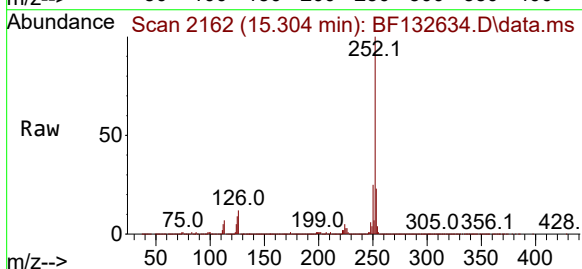
Tgt Ion:252 Resp: 1623729

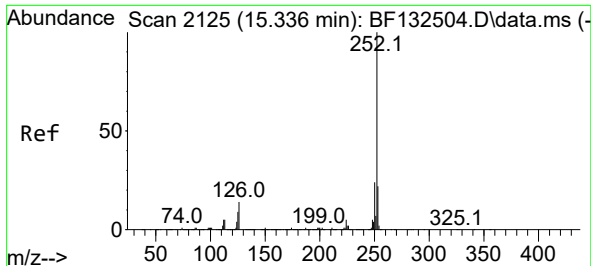
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 9.1 7.0 10.6

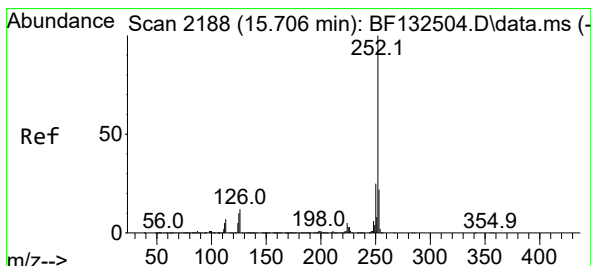
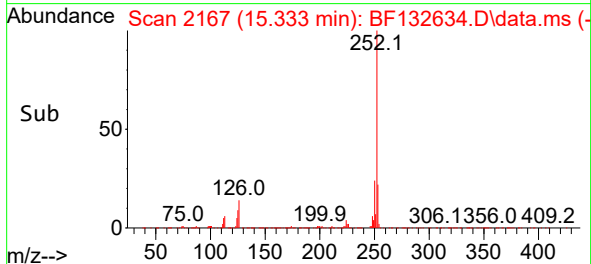
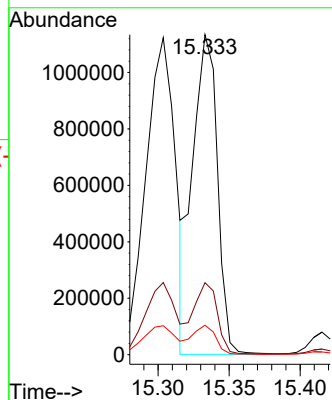
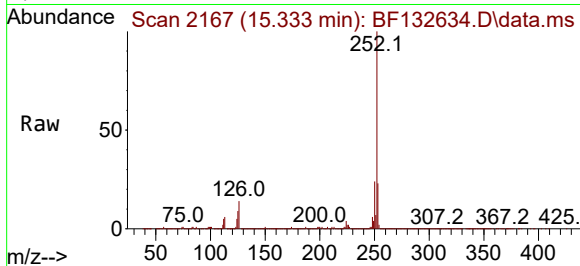




#89
Benzo(k)fluoranthene
Concen: 50.180 ng
RT: 15.333 min Scan# 21
Delta R.T. 0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

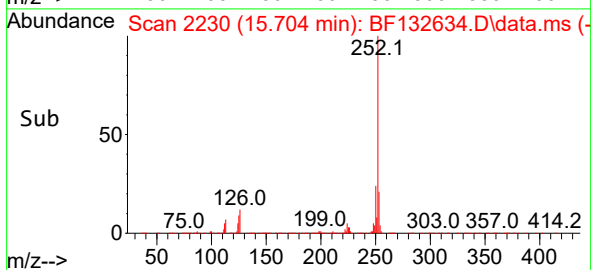
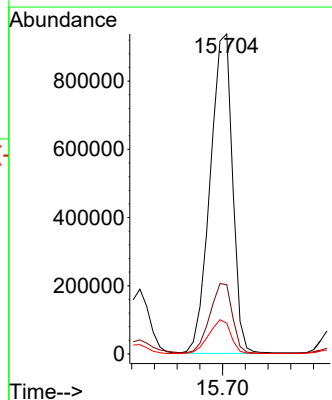
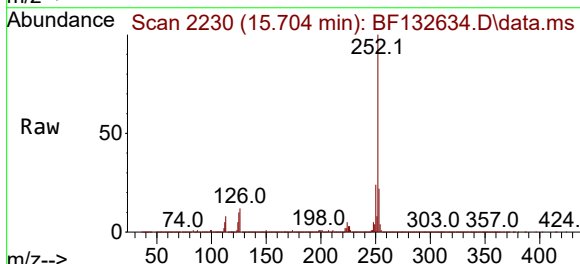
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

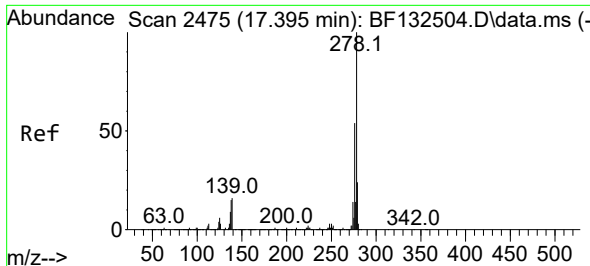
Tgt Ion:252 Resp: 1370426
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.2 7.2 10.8



#90
Benzo(a)pyrene
Concen: 49.128 ng
RT: 15.704 min Scan# 2230
Delta R.T. 0.015 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:252 Resp: 1283077
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.6 8.0 12.0

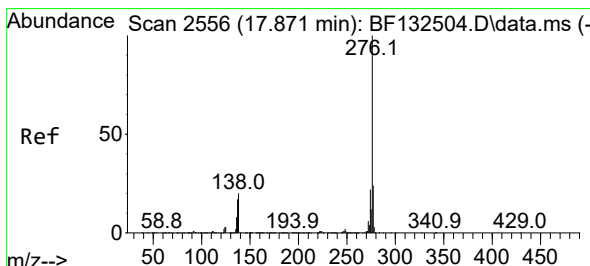
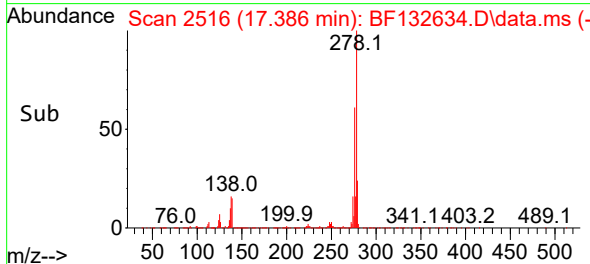
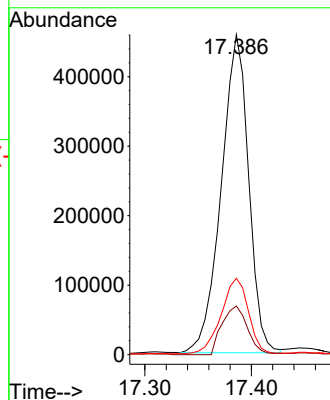
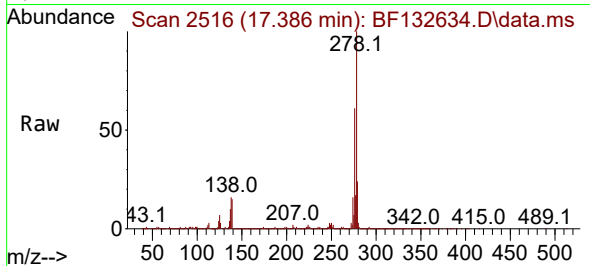




#91
Dibenzo(a,h)anthracene
Concen: 36.700 ng
RT: 17.386 min Scan# 21
Delta R.T. 0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tgt Ion:278 Resp: 815854
Ion Ratio Lower Upper
278 100
139 15.2 13.0 19.4
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 34.632 ng
RT: 17.862 min Scan# 2597
Delta R.T. 0.009 min
Lab File: BF132634.D
Acq: 03 Mar 2023 18:06

Tgt Ion:276 Resp: 858361
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 21.1 16.2 24.4

