

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135718.D
 Acq On : 11 Oct 2023 17:43
 Operator : CG\JU
 Sample : 04812-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Quant Time: Oct 12 00:49:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	87356	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	339761	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	179563	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	306149	20.000	ng	0.00
76) Chrysene-d12	13.933	240	161466	20.000	ng	0.00
86) Perylene-d12	15.404	264	196378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	788490	146.806	ng	0.03
7) Phenol-d6	6.398	99	856964	125.480	ng	0.00
23) Nitrobenzene-d5	7.310	82	621293	99.348	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	258471	144.849	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1221171	102.605	ng	0.00
79) Terphenyl-d14	12.869	244	1065104	102.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	134176	56.986	ng	# 83
3) Pyridine	3.381	79	267833	42.265	ng	97
4) n-Nitrosodimethylamine	3.299	42	211618	62.930	ng	94
6) Aniline	6.416	93	116818	13.044	ng	# 1
8) 2-Chlorophenol	6.540	128	326525	56.950	ng	95
9) Benzaldehyde	6.304	77	123948	31.858	ng	98
10) Phenol	6.416	94	345205	46.096	ng	98
11) bis(2-Chloroethyl)ether	6.487	93	331112	58.944	ng	98
12) 1,3-Dichlorobenzene	6.681	146	316161	54.258	ng	99
13) 1,4-Dichlorobenzene	6.757	146	324417	54.723	ng	98
14) 1,2-Dichlorobenzene	6.910	146	302437	54.935	ng	97
15) Benzyl Alcohol	6.898	79	265990	54.275	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	574250	54.234	ng	59
17) 2-Methylphenol	7.016	107	262136	51.809	ng	# 86
18) Hexachloroethane	7.240	117	119987	54.777	ng	91
19) n-Nitroso-di-n-propyla...	7.163	70	231323	54.684	ng	97
20) 3+4-Methylphenols	7.175	107	335452	55.137	ng	# 63
22) Acetophenone	7.157	105	455836	58.683	ng	# 88
24) Nitrobenzene	7.328	77	347734	56.257	ng	98
25) Isophorone	7.569	82	646547	56.302	ng	99
26) 2-Nitrophenol	7.645	139	178014	60.005	ng	96
27) 2,4-Dimethylphenol	7.687	122	262046	52.551	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	400250	58.233	ng	99
29) 2,4-Dichlorophenol	7.892	162	281250	60.869	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	281580	58.303	ng	97
31) Naphthalene	8.040	128	938974	56.880	ng	99
32) Benzoic acid	7.828	122	77669	20.685	ng	99
33) 4-Chloroaniline	8.110	127	41228	5.692	ng	99
34) Hexachlorobutadiene	8.151	225	168912	58.003	ng	99
35) Caprolactam	8.487	113	55924	36.063	ng	97
36) 4-Chloro-3-methylphenol	8.604	107	309689	60.304	ng	99
37) 2-Methylnaphthalene	8.734	142	632019	56.956	ng	99
38) 1-Methylnaphthalene	8.834	142	605369	58.270	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	314442	60.445	ng	100
41) Hexachlorocyclopentadiene	8.881	237	123748	56.388	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	196475	57.685	ng	97

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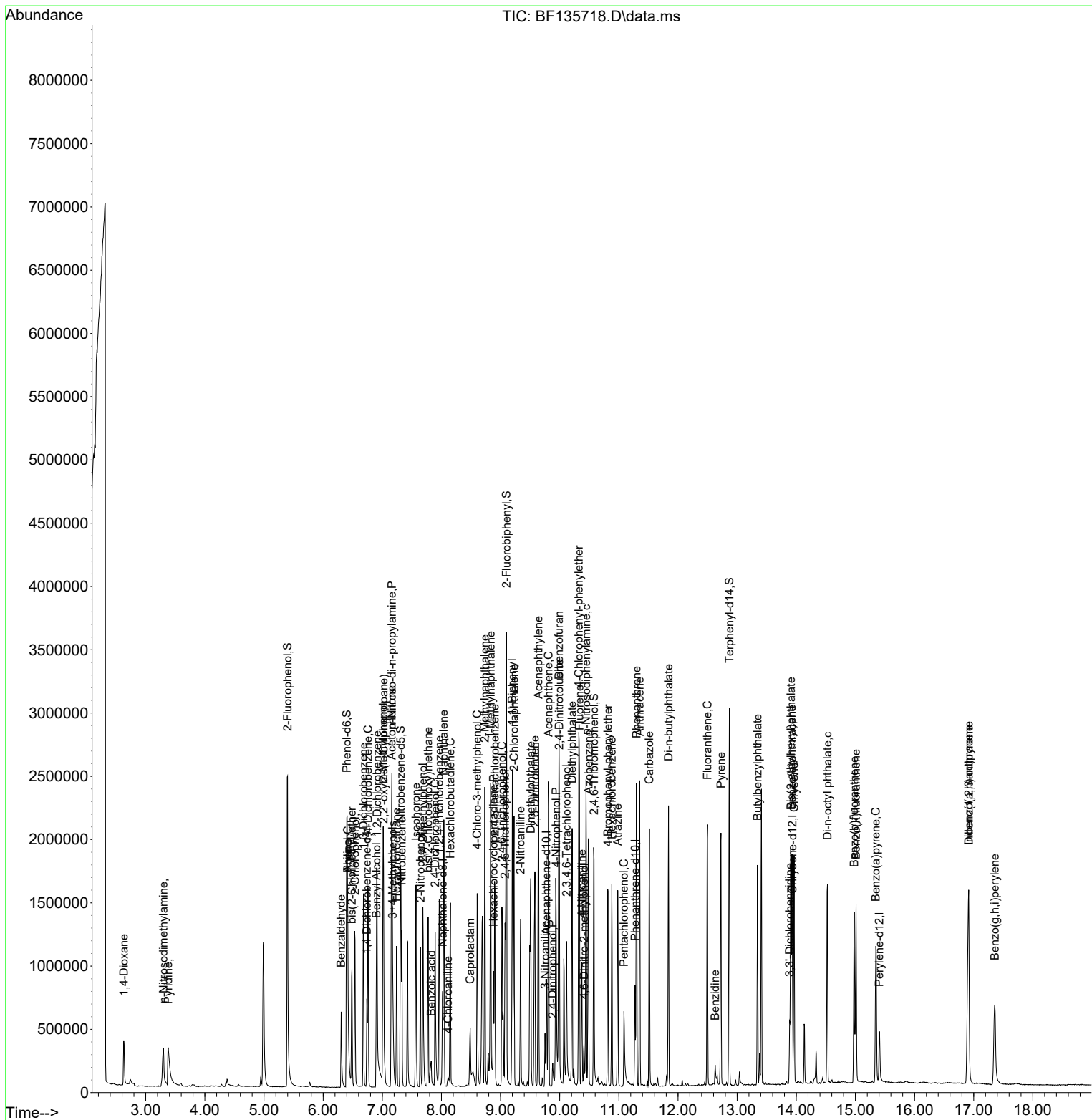
Instrument :
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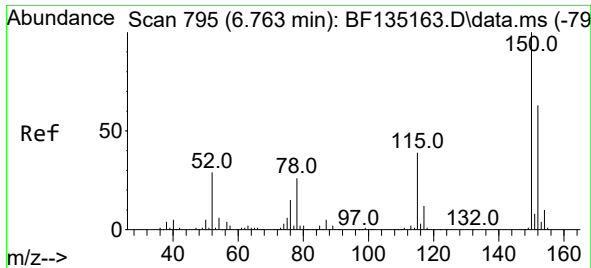
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	209610	53.439	ng	99
46) 1,1'-Biphenyl	9.198	154	830777	60.205	ng	98
47) 2-Chloronaphthalene	9.228	162	610572	60.984	ng	98
48) 2-Nitroaniline	9.339	65	227231	58.419	ng	98
49) Acenaphthylene	9.639	152	979068	58.840	ng	99
50) Dimethylphthalate	9.510	163	711983	58.646	ng	100
51) 2,6-Dinitrotoluene	9.581	165	153351	57.661	ng	99
52) Acenaphthene	9.810	154	581797	59.188	ng	98
53) 3-Nitroaniline	9.751	138	63508	20.343	ng	97
54) 2,4-Dinitrophenol	9.881	184	31767	25.645	ng	99
55) Dibenzofuran	9.986	168	851551	56.771	ng	97
56) 4-Nitrophenol	9.939	139	121463	61.218	ng	92
57) 2,4-Dinitrotoluene	9.992	165	189300	56.855	ng	96
58) Fluorene	10.334	166	681565	59.106	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	167375	55.472	ng	99
60) Diethylphthalate	10.210	149	729557	59.879	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	322281	58.181	ng	98
62) 4-Nitroaniline	10.375	138	149046	49.668	ng	97
63) Azobenzene	10.486	77	695754	58.348	ng	100
65) 4,6-Dinitro-2-methylph...	10.410	198	43765	26.915	ng	92
66) n-Nitrosodiphenylamine	10.445	169	619182	66.805	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	200042	65.698	ng	99
68) Hexachlorobenzene	10.881	284	209365	67.493	ng	# 89
69) Atrazine	10.981	200	184731	74.073	ng	97
70) Pentachlorophenol	11.086	266	100689	54.252	ng	97
71) Phenanthrene	11.298	178	881936	60.909	ng	99
72) Anthracene	11.351	178	903979	60.737	ng	99
73) Carbazole	11.516	167	804305	59.364	ng	99
74) Di-n-butylphthalate	11.839	149	1037426	64.981	ng	100
75) Fluoranthene	12.498	202	927457	61.472	ng	98
77) Benzidine	12.627	184	75381	22.788	ng	98
78) Pyrene	12.727	202	889225	57.844	ng	99
80) Butylbenzylphthalate	13.345	149	367089	67.822	ng	94
81) Benzo(a)anthracene	13.927	228	667294	64.001	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	105132	32.282	ng	# 98
83) Chrysene	13.963	228	627951	60.577	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	506403	91.175	ng	99
85) Di-n-octyl phthalate	14.527	149	780954	88.477	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	786535	61.086	ng	98
88) Benzo(b)fluoranthene	14.980	252	623573	58.658	ng	99
89) Benzo(k)fluoranthene	15.010	252	602184	57.344	ng	100
90) Benzo(a)pyrene	15.345	252	577907	57.005	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	646263	61.343	ng	97
92) Benzo(g,h,i)perylene	17.357	276	614922	55.889	ng	98

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

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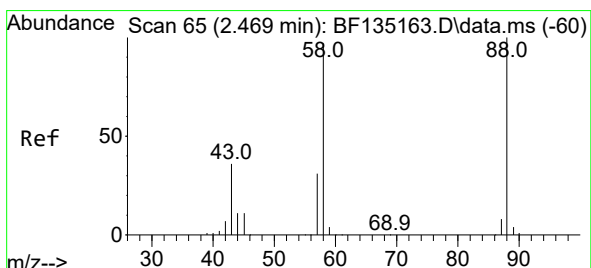
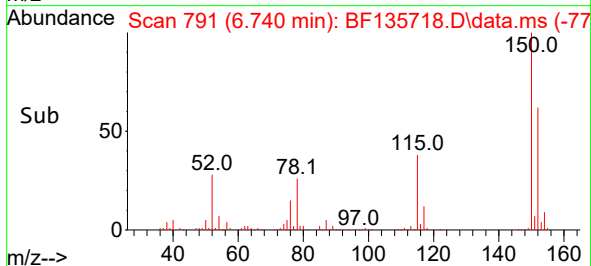
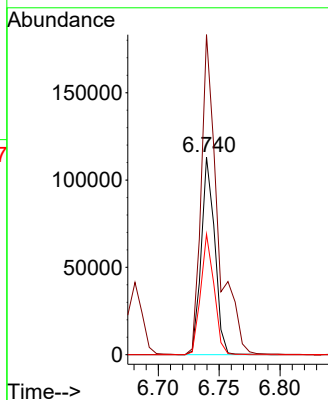
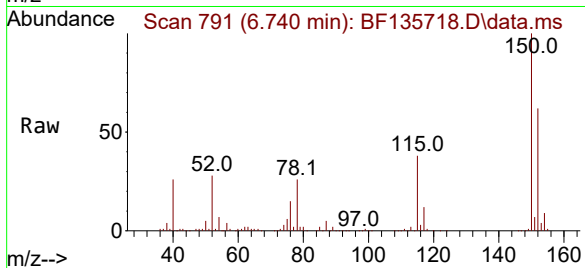




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43

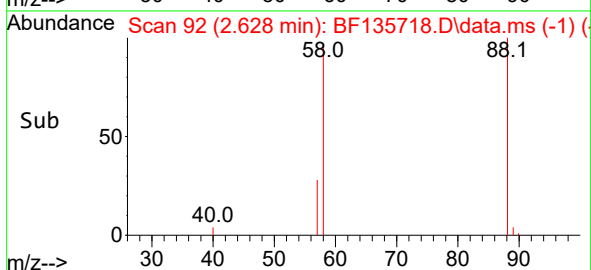
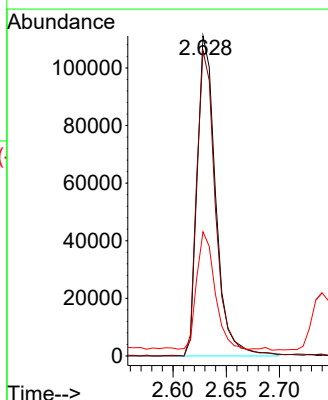
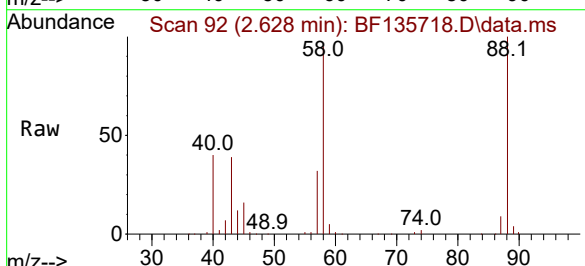
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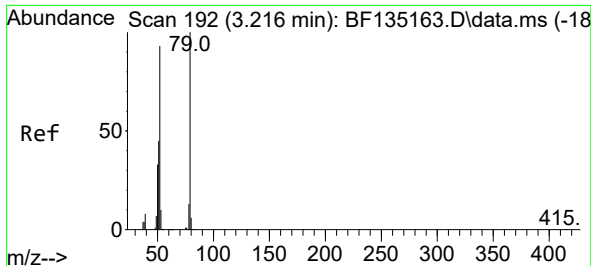
Tgt Ion:152 Resp: 87356
 Ion Ratio Lower Upper
 152 100
 150 161.9 127.8 191.6
 115 61.0 49.8 74.8



#2
 1,4-Dioxane
 Concen: 56.986 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.200 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43

Tgt Ion: 88 Resp: 134176
 Ion Ratio Lower Upper
 88 100
 58 97.3 78.3 117.5
 43 0.0 29.4 44.0#

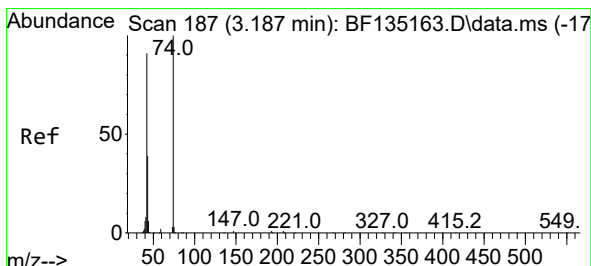
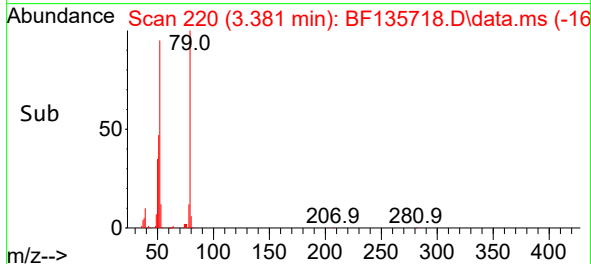
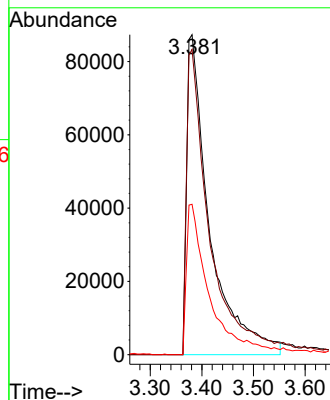
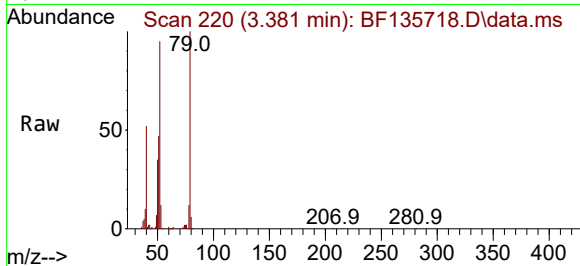




#3
Pyridine
Concen: 42.265 ng
RT: 3.381 min Scan# 21
Delta R.T. 0.206 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

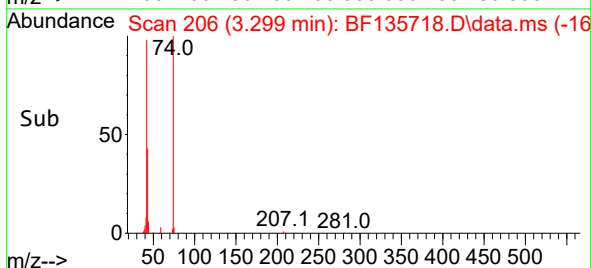
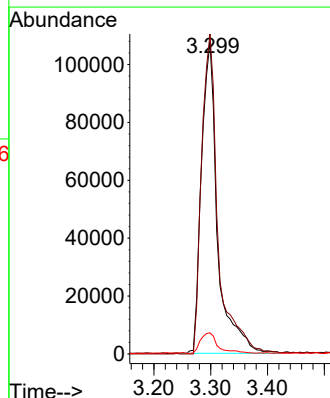
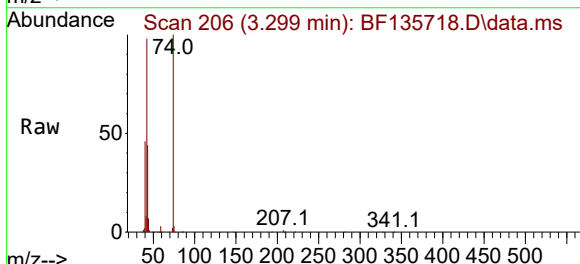
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

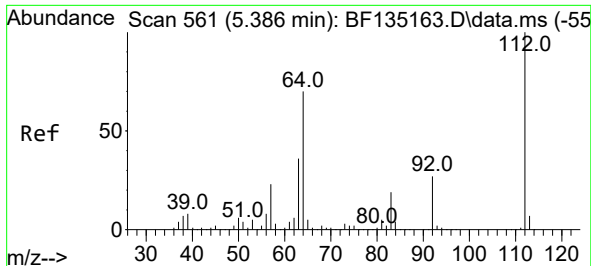
Tgt Ion: 79 Resp: 267833
Ion Ratio Lower Upper
79 100
52 95.4 74.1 111.1
51 47.0 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 62.930 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.147 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion: 42 Resp: 211618
Ion Ratio Lower Upper
42 100
74 102.5 87.7 131.5
44 6.8 5.6 8.4

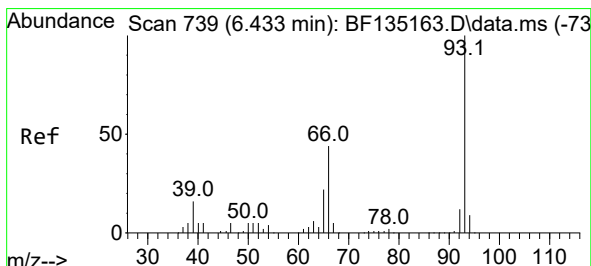
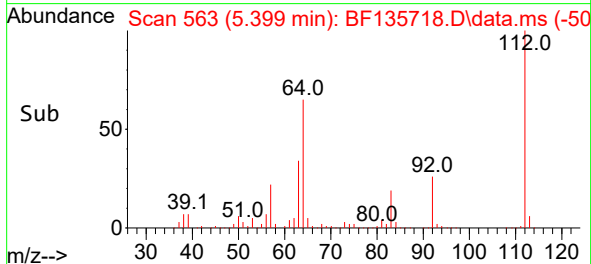
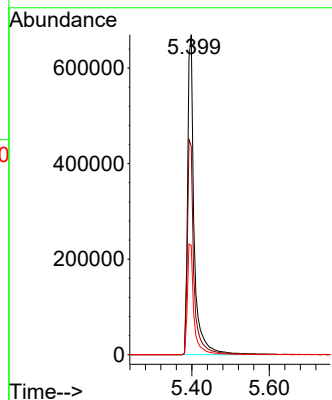
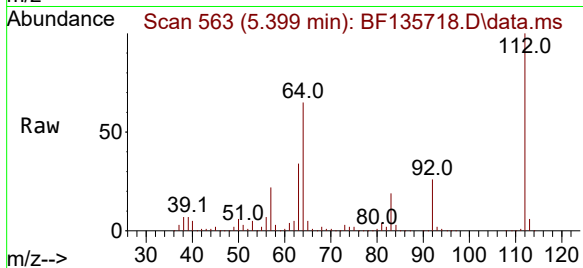




#5
2-Fluorophenol
Concen: 146.806 ng
RT: 5.399 min Scan# 50
Delta R.T. 0.030 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

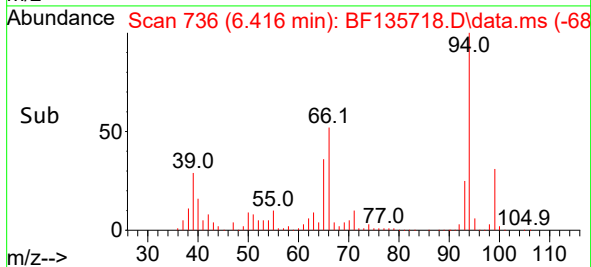
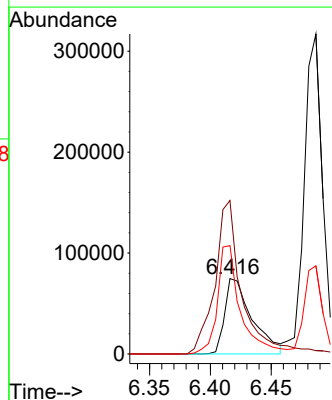
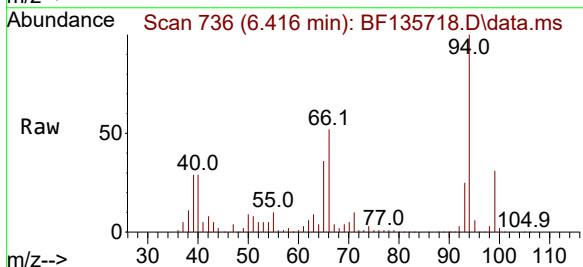
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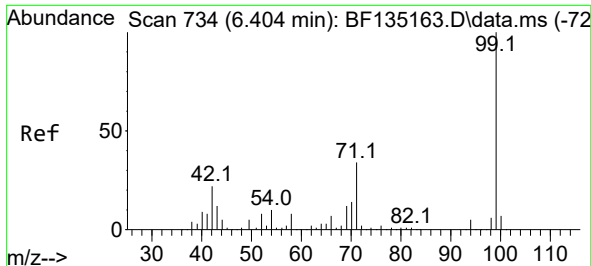
Tgt Ion:112 Resp: 788490
Ion Ratio Lower Upper
112 100
64 65.1 55.9 83.9
63 34.1 29.0 43.6



#6
Aniline
Concen: 13.044 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion: 93 Resp: 116818
Ion Ratio Lower Upper
93 100
66 203.5 35.4 53.0#
65 143.7 17.8 26.8#





#7

Phenol-d6

Concen: 125.480 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

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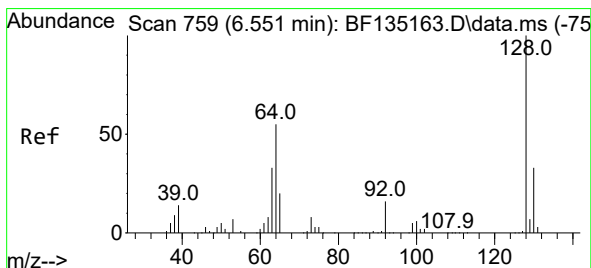
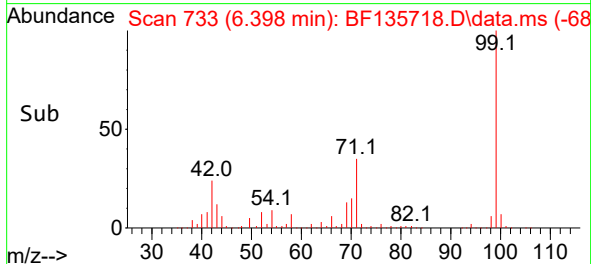
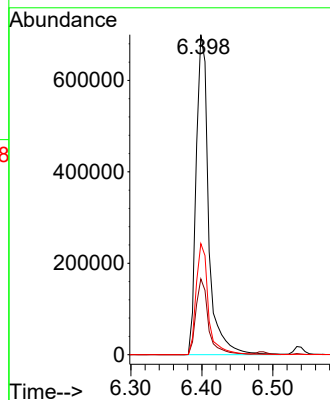
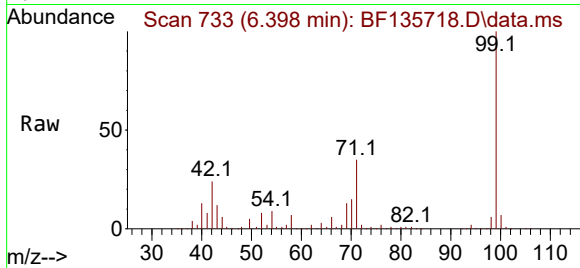
Tgt Ion: 99 Resp: 856964

Ion Ratio Lower Upper

99 100

42 23.7 17.9 26.9

71 34.7 27.0 40.6



#8

2-Chlorophenol

Concen: 56.950 ng

RT: 6.540 min Scan# 757

Delta R.T. 0.006 min

Lab File: BF135718.D

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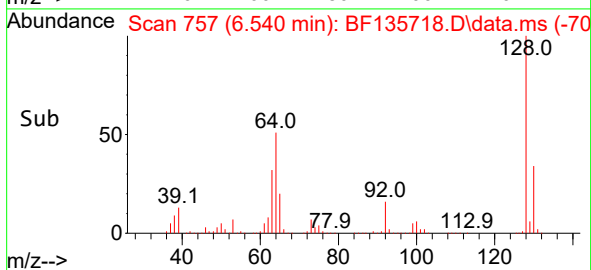
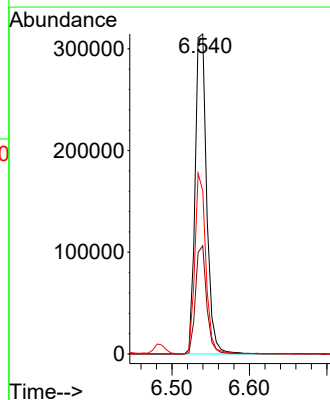
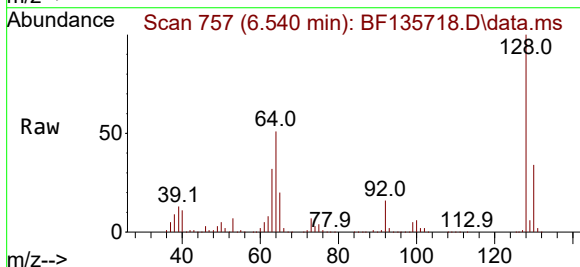
Tgt Ion:128 Resp: 326525

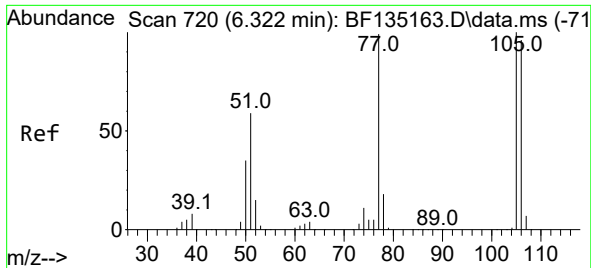
Ion Ratio Lower Upper

128 100

130 33.8 12.7 52.7

64 51.0 35.9 75.9

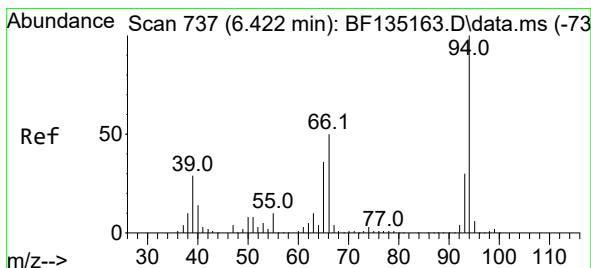
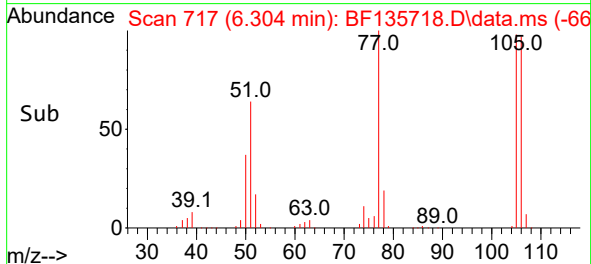
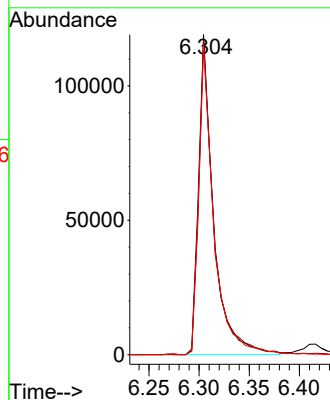
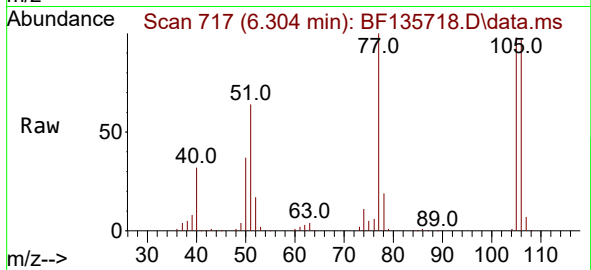




#9
Benzaldehyde
Concen: 31.858 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

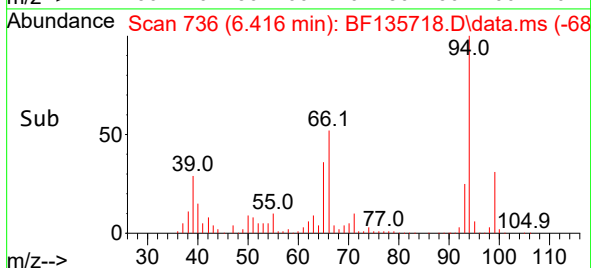
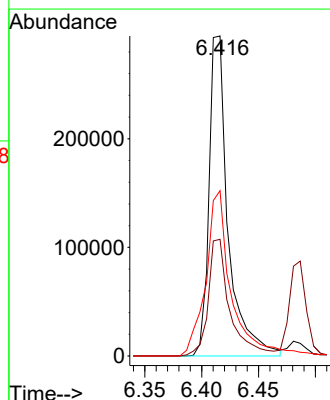
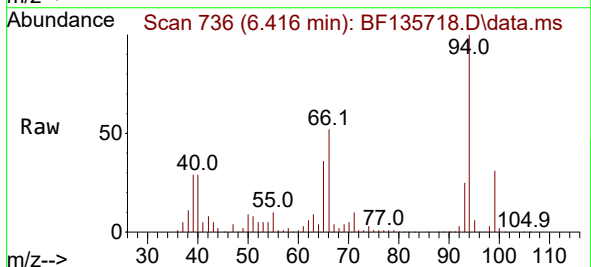
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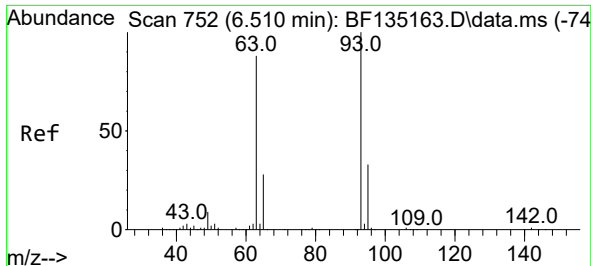
Tgt Ion: 77 Resp: 123948
Ion Ratio Lower Upper
77 100
105 98.4 81.4 121.4
106 96.8 76.9 116.9



#10
Phenol
Concen: 46.096 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.012 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion: 94 Resp: 345205
Ion Ratio Lower Upper
94 100
65 36.5 15.9 55.9
66 51.6 29.8 69.8

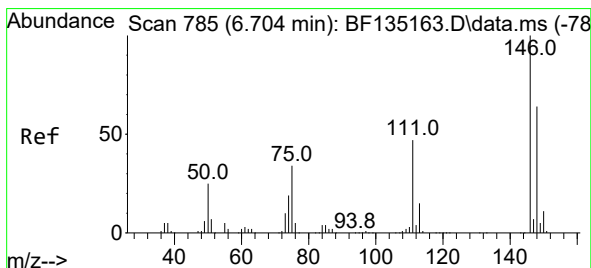
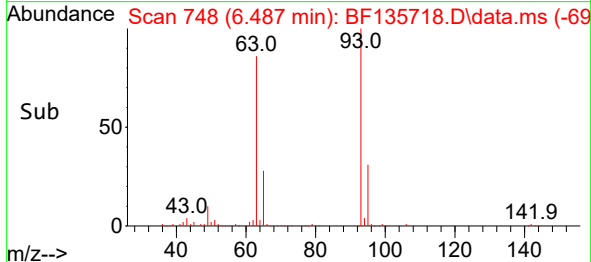
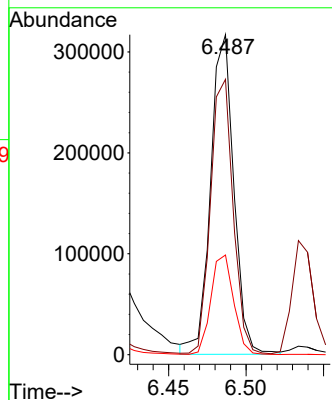
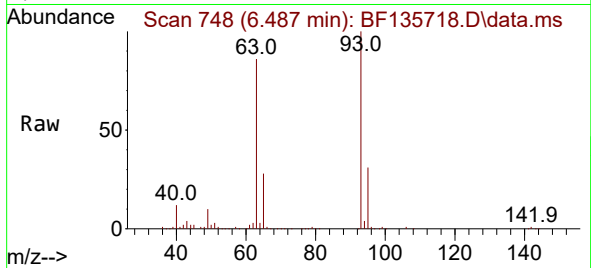




#11
bis(2-Chloroethyl)ether
Concen: 58.944 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

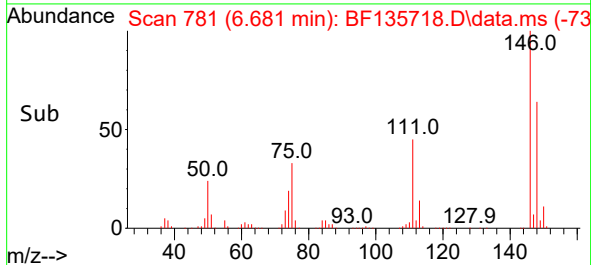
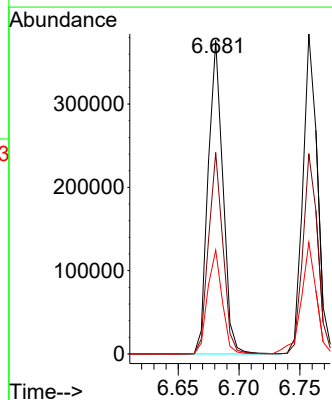
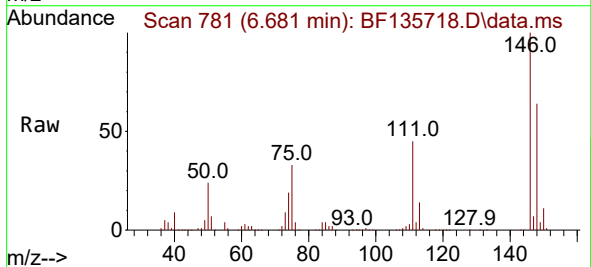
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

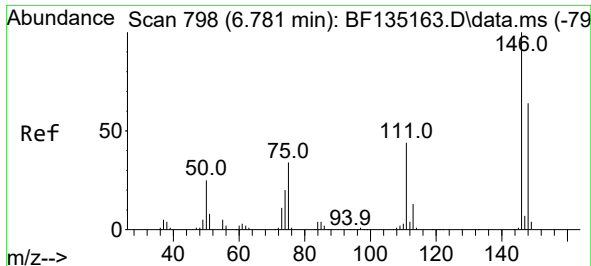
Tgt Ion: 93 Resp: 331112
Ion Ratio Lower Upper
93 100
63 86.1 67.3 107.3
95 31.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 54.258 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:146 Resp: 316161
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
75 33.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 54.723 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

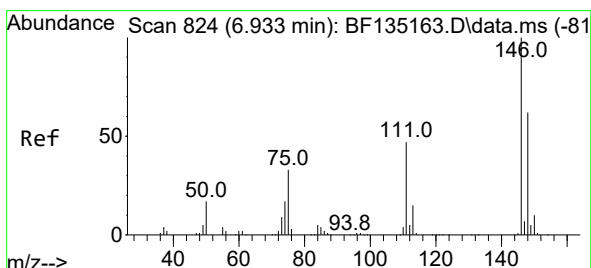
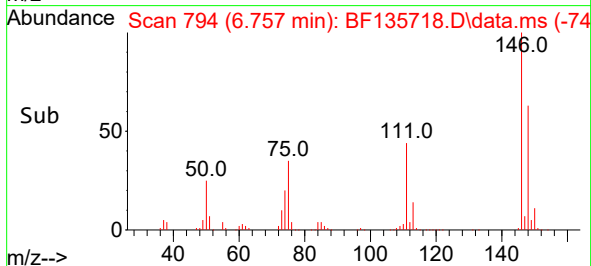
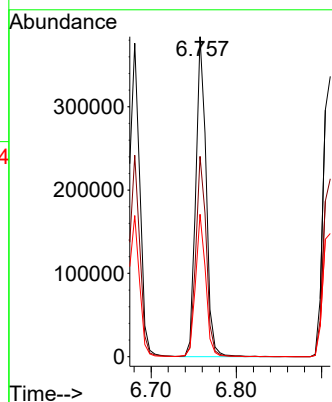
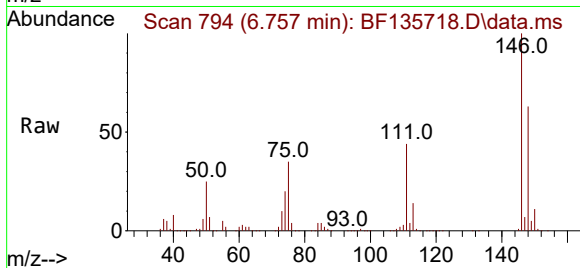
Tgt Ion:146 Resp: 324417

Ion Ratio Lower Upper

146 100

148 62.6 51.3 76.9

111 44.5 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 54.935 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

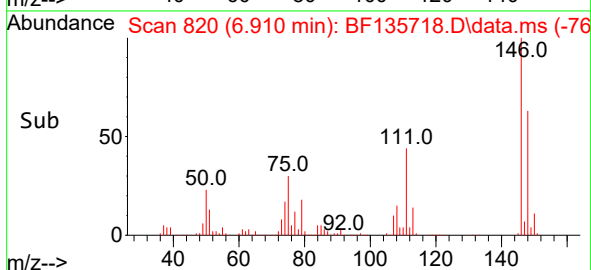
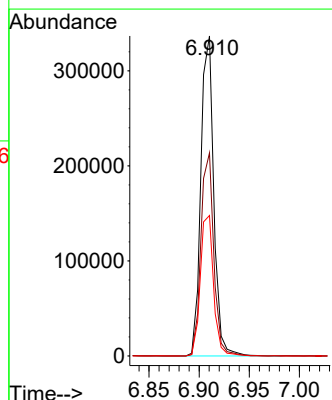
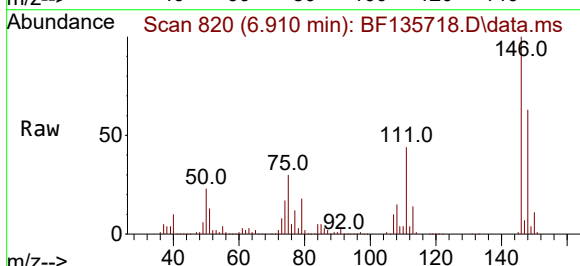
Tgt Ion:146 Resp: 302437

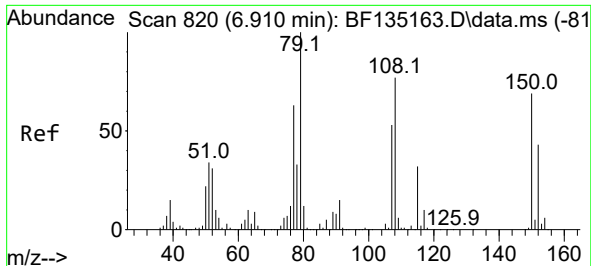
Ion Ratio Lower Upper

146 100

148 63.5 49.7 74.5

111 43.9 37.4 56.2

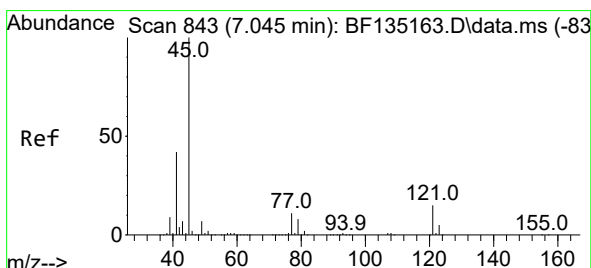
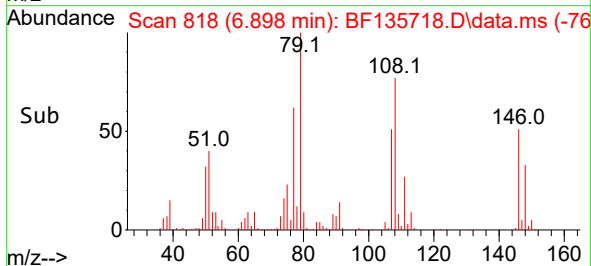
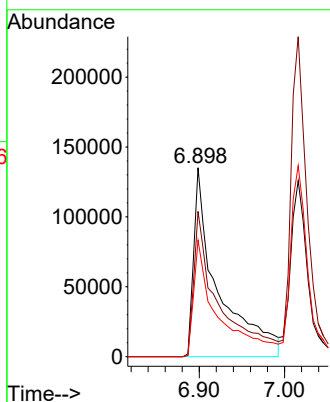
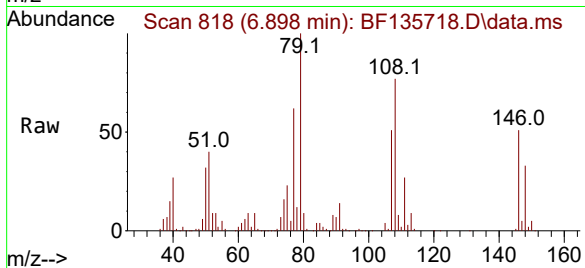




#15
Benzyl Alcohol
Concen: 54.275 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

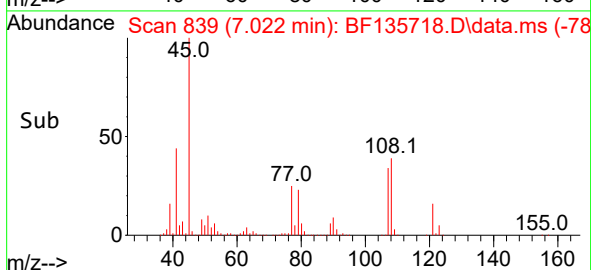
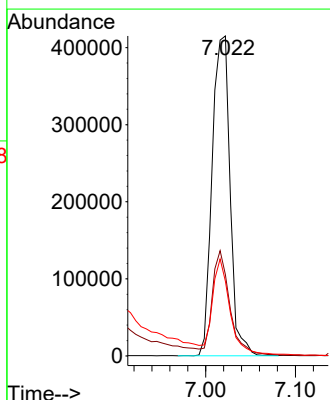
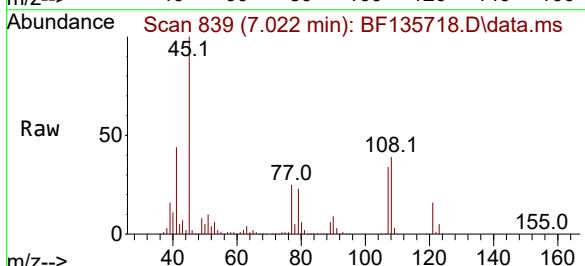
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

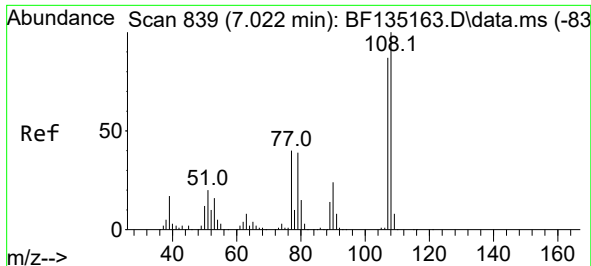
Tgt Ion: 79 Resp: 265990
Ion Ratio Lower Upper
79 100
108 76.9 61.2 91.8
77 61.6 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.234 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion: 45 Resp: 574250
Ion Ratio Lower Upper
45 100
77 25.4 0.0 30.6
79 23.4 0.0 28.3

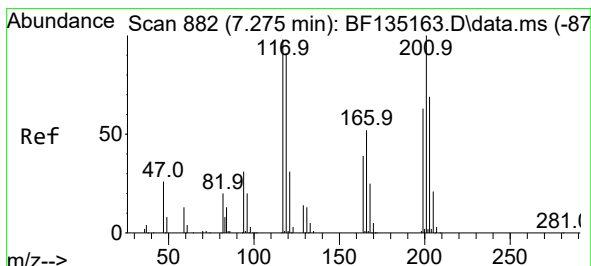
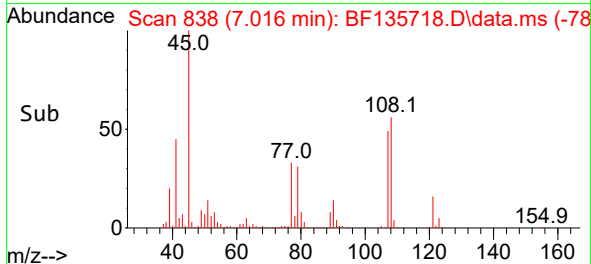
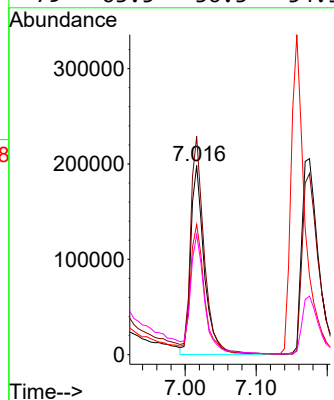
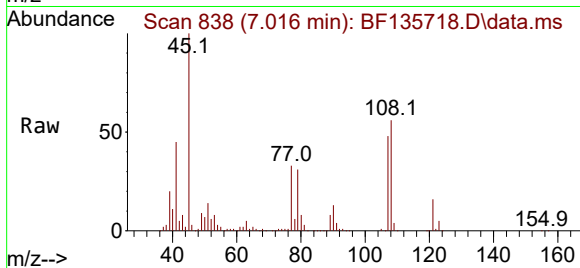




#17
2-Methylphenol
Concen: 51.809 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

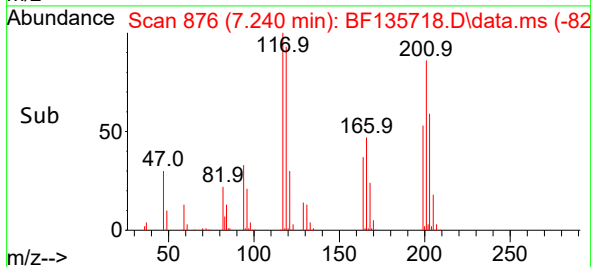
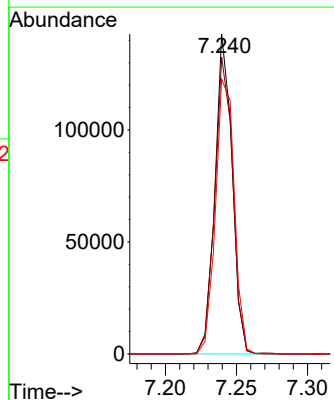
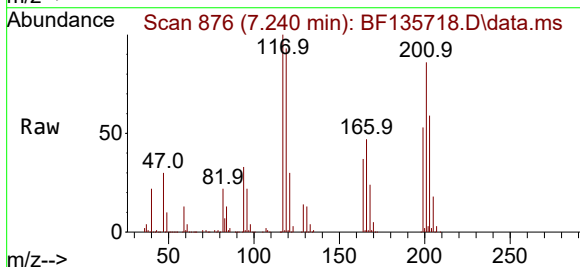
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

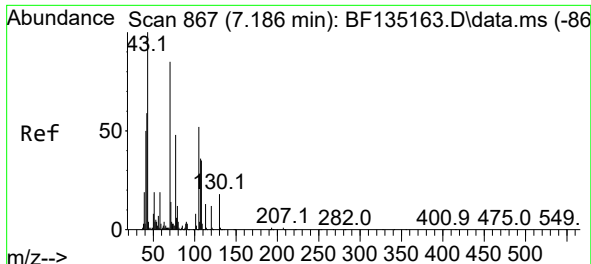
Tgt Ion:107 Resp: 262136
Ion Ratio Lower Upper
107 100
108 115.4 92.0 138.0
77 68.9 36.7 55.1#
79 63.5 36.3 54.5#



#18
Hexachloroethane
Concen: 54.777 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:117 Resp: 119987
Ion Ratio Lower Upper
117 100
119 92.7 74.7 112.1
201 85.9 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 54.684 ng

RT: 7.163 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tgt Ion: 70 Resp: 231323

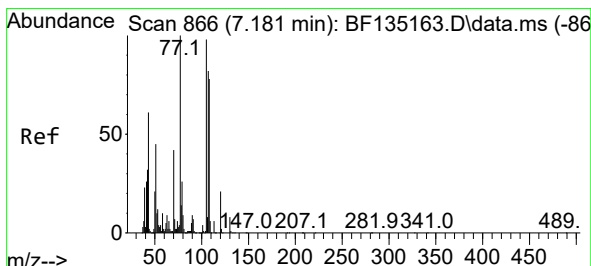
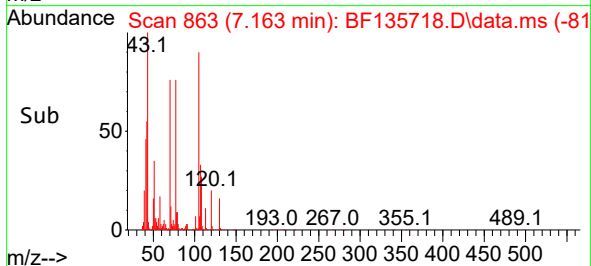
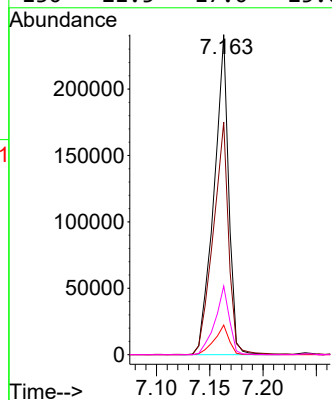
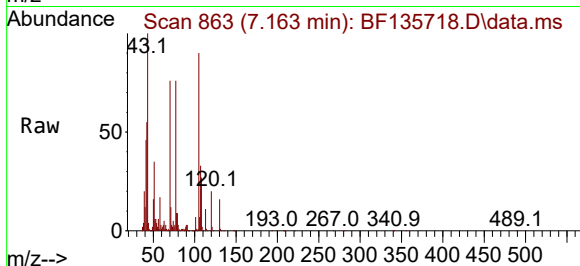
Ion Ratio Lower Upper

70 100

42 72.7 55.4 83.0

101 9.3 7.7 11.5

130 21.5 17.0 25.6



#20

3+4-Methylphenols

Concen: 55.137 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.012 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Tgt Ion: 107 Resp: 335452

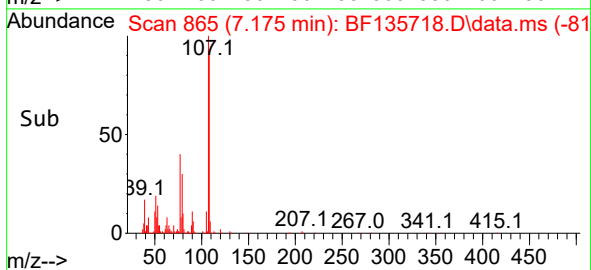
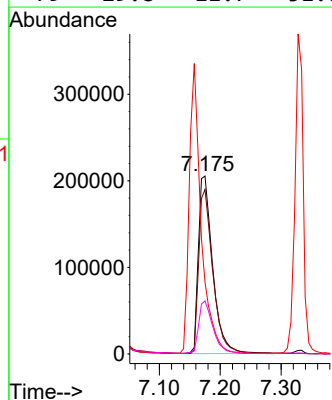
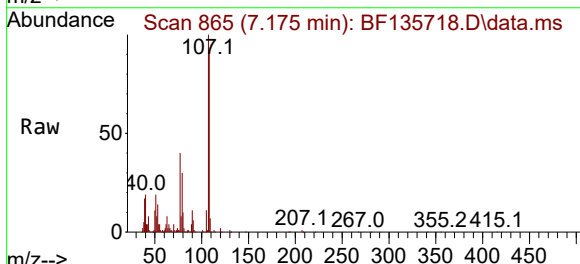
Ion Ratio Lower Upper

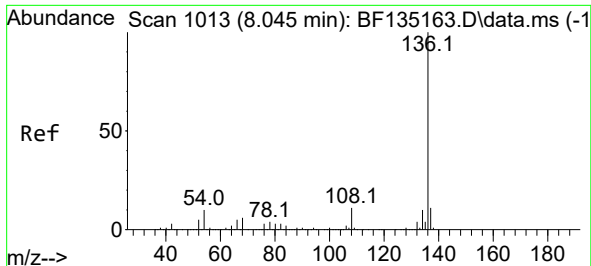
107 100

108 92.4 74.7 114.7

77 40.3 102.0 142.0

79 29.8 11.7 51.7

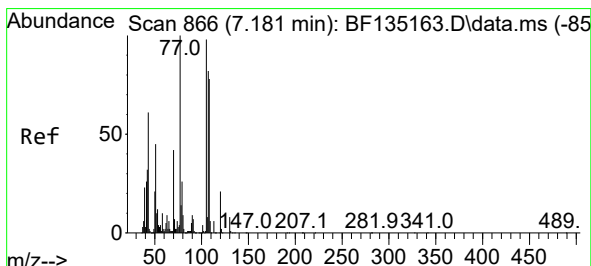
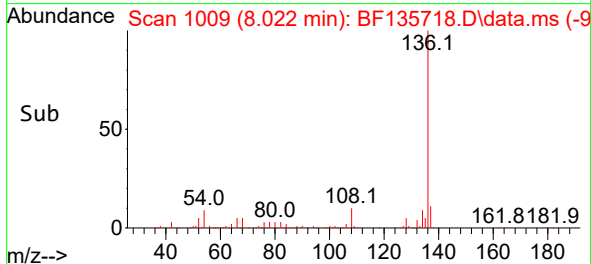
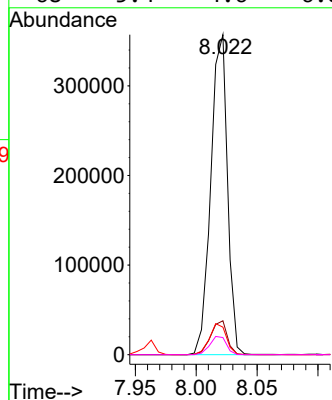
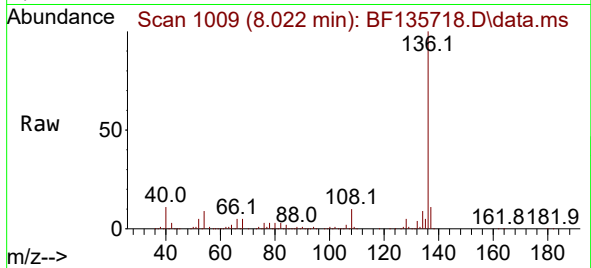




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

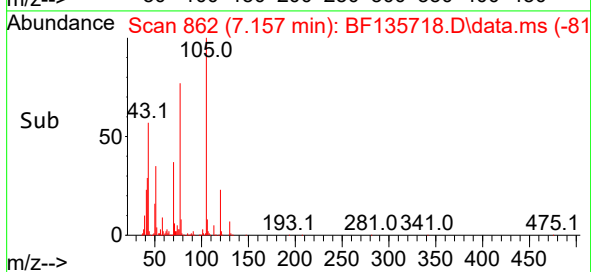
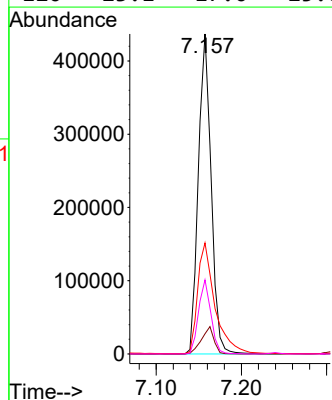
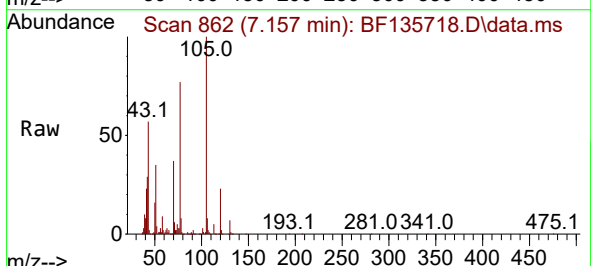
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

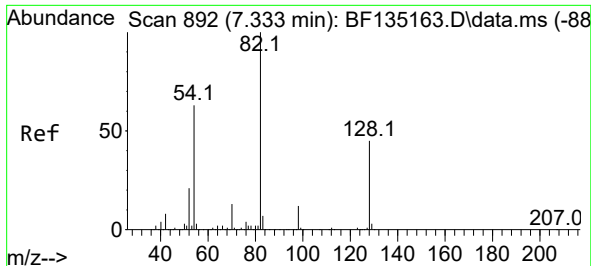
Tgt Ion:136 Resp: 339761
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.6 7.7 11.5
68 5.4 4.6 6.8



#22
Acetophenone
Concen: 58.683 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:105 Resp: 455836
Ion Ratio Lower Upper
105 100
71 6.3 5.8 8.6
51 34.7 37.0 55.4#
120 23.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 99.348 ng

RT: 7.310 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

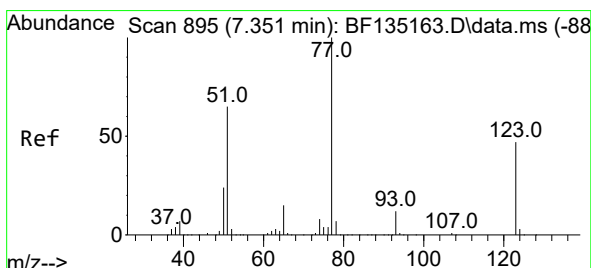
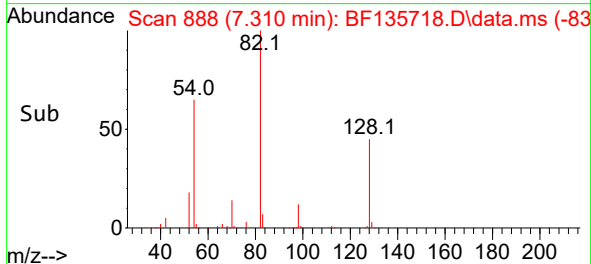
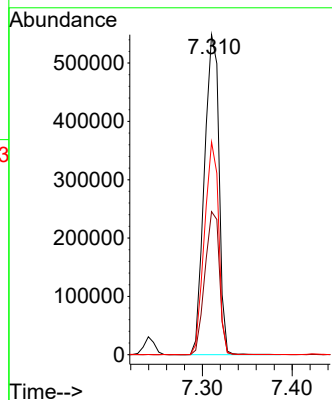
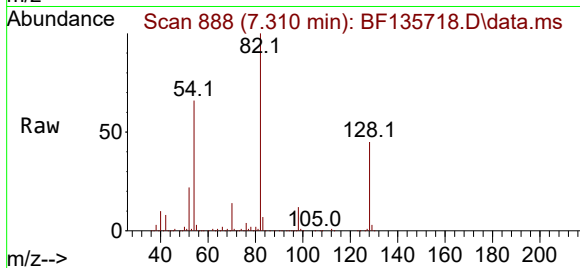
Tgt Ion: 82 Resp: 621293

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.6

54 66.5 50.6 76.0



#24

Nitrobenzene

Concen: 56.257 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

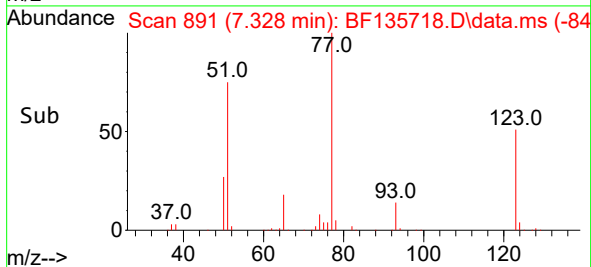
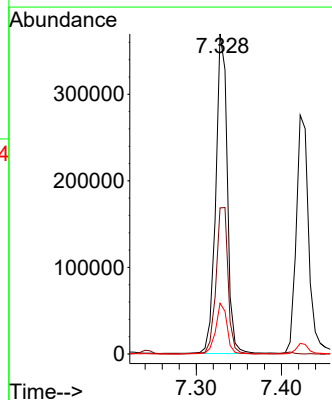
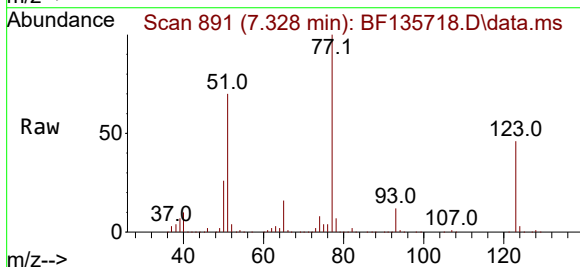
Tgt Ion: 77 Resp: 347734

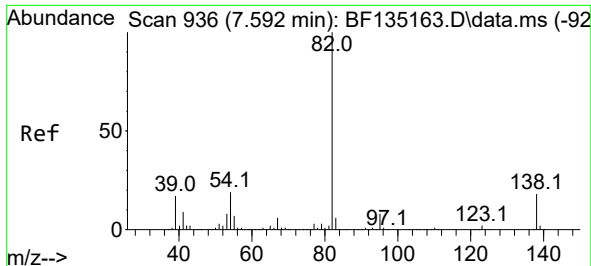
Ion Ratio Lower Upper

77 100

123 45.7 37.6 56.4

65 15.8 12.2 18.4

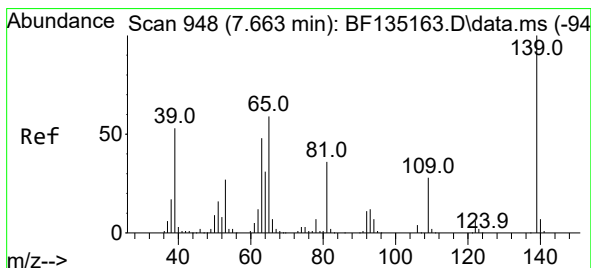
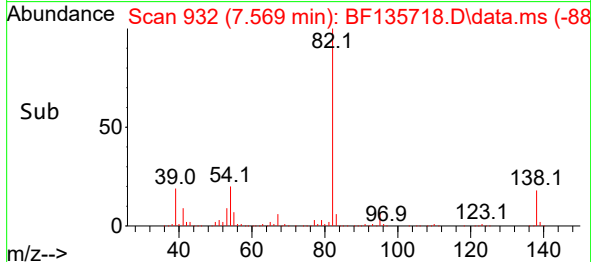
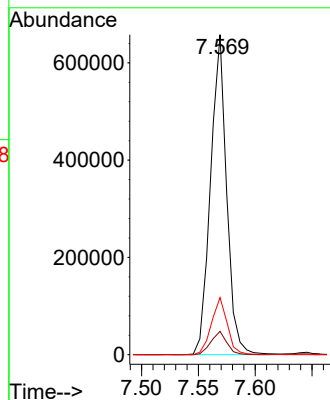
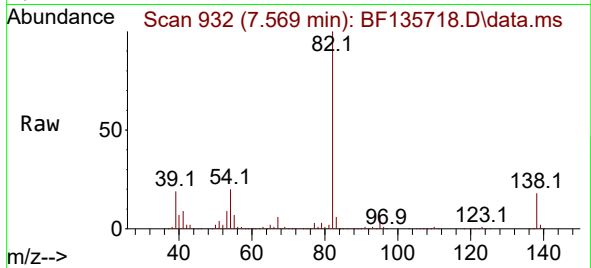




#25
Isophorone
Concen: 56.302 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

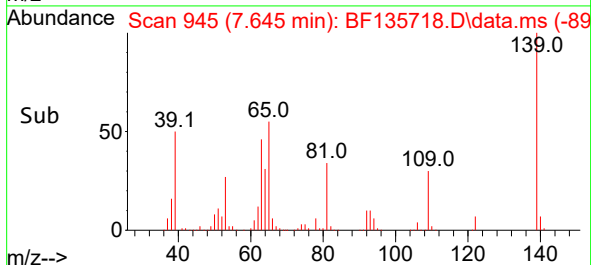
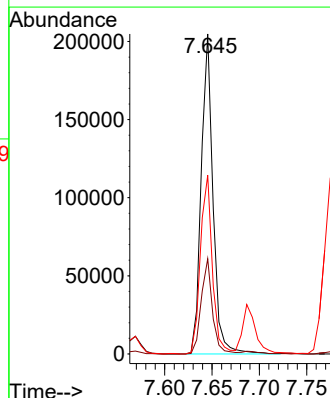
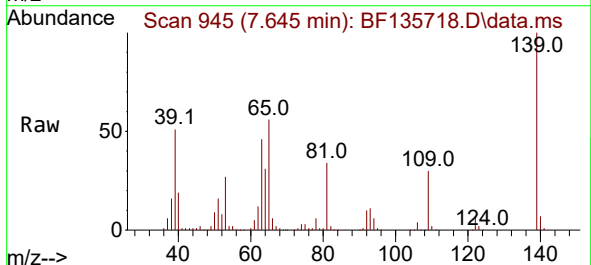
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

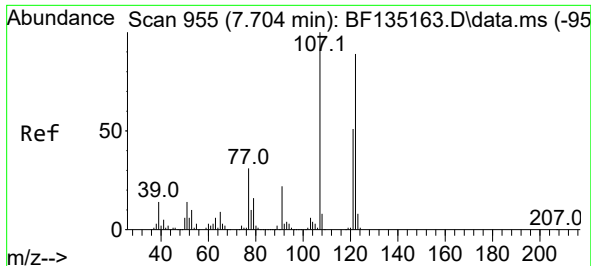
Tgt Ion: 82 Resp: 646547
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.9 14.5 21.7



#26
2-Nitrophenol
Concen: 60.005 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:139 Resp: 178014
Ion Ratio Lower Upper
139 100
109 29.8 22.6 33.8
65 55.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 52.551 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

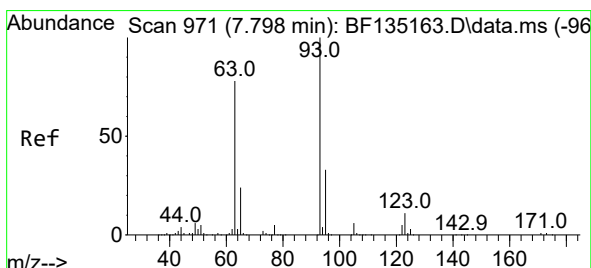
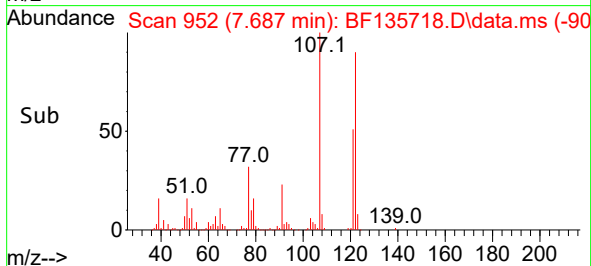
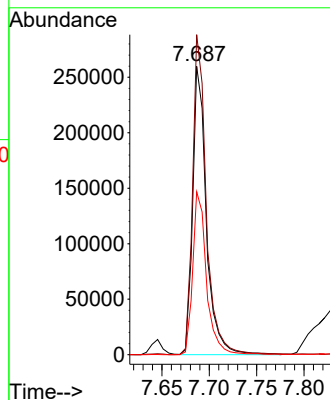
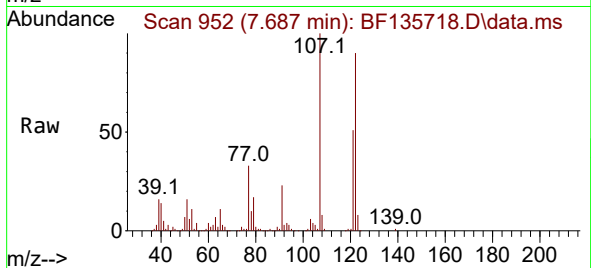
Tgt Ion:122 Resp: 262046

Ion Ratio Lower Upper

122 100

107 111.0 90.2 135.4

121 56.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 58.233 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

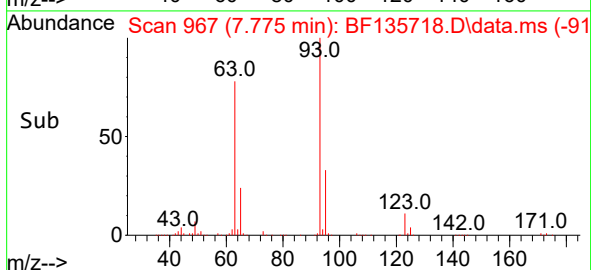
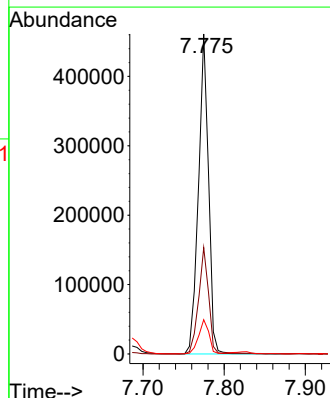
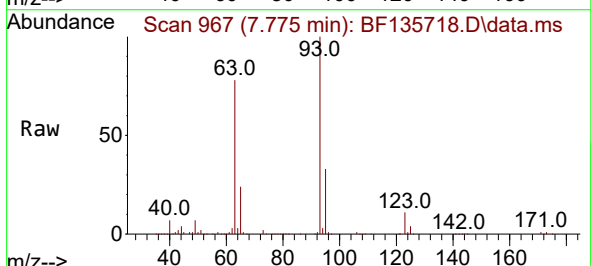
Tgt Ion: 93 Resp: 400250

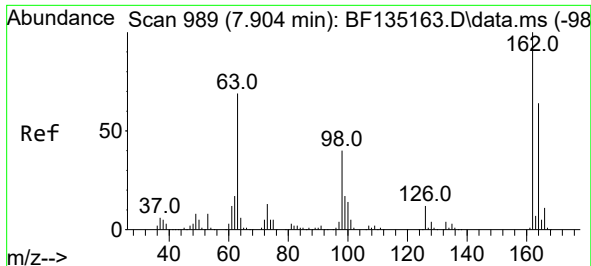
Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.2

123 10.7 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 60.869 ng

RT: 7.892 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

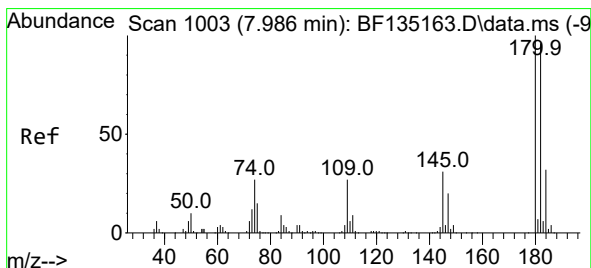
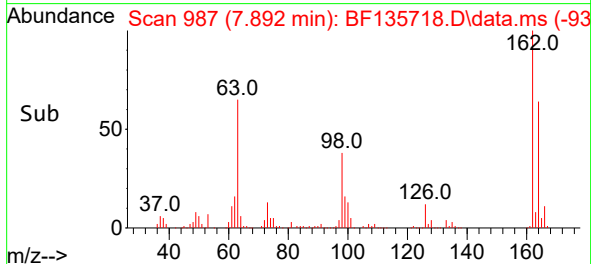
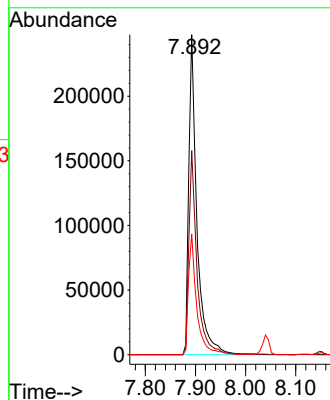
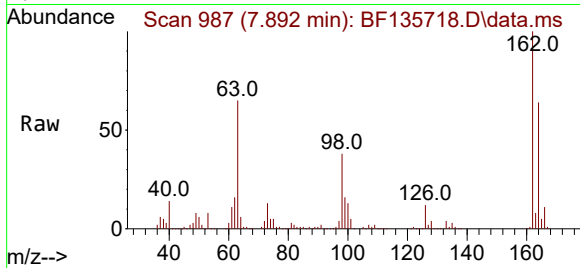
Tgt Ion:162 Resp: 281250

Ion Ratio Lower Upper

162 100

164 63.8 44.1 84.1

98 37.7 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 58.303 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

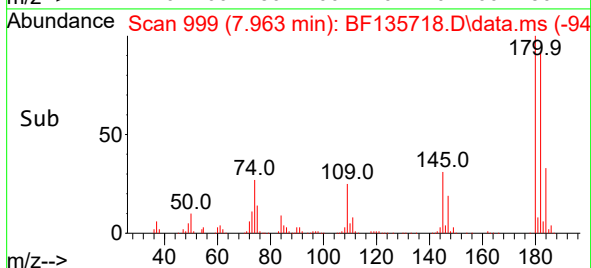
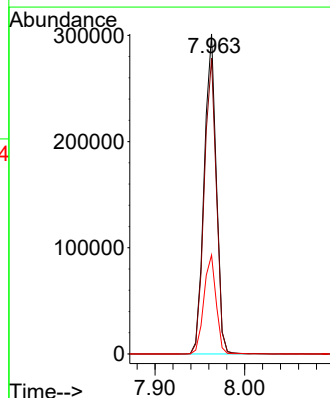
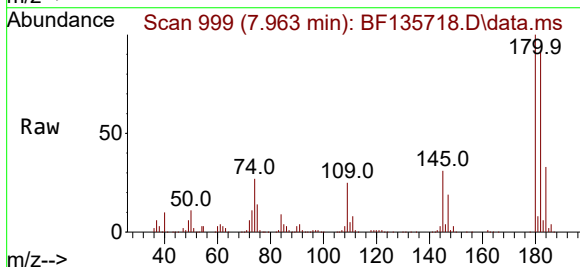
Tgt Ion:180 Resp: 281580

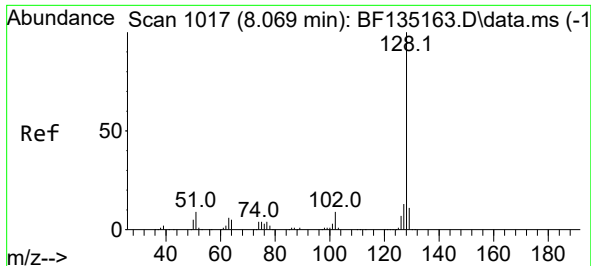
Ion Ratio Lower Upper

180 100

182 92.3 76.9 115.3

145 30.9 24.5 36.7

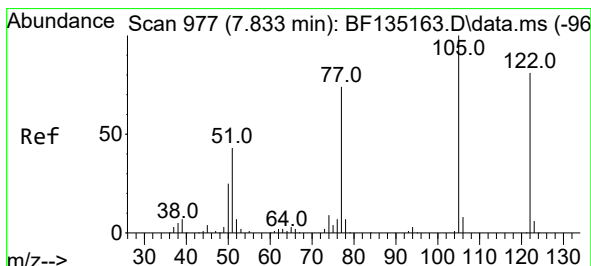
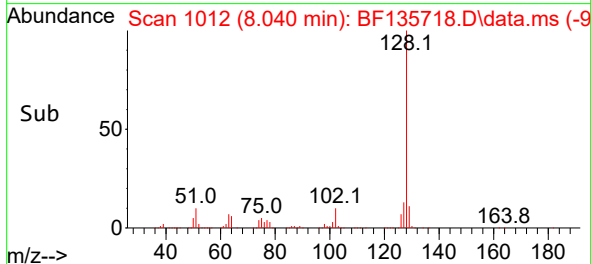
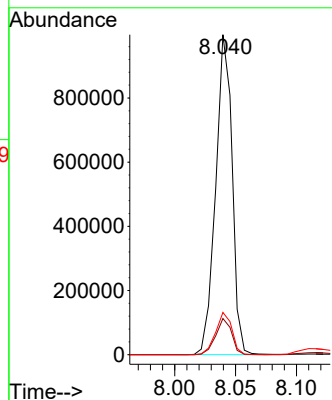
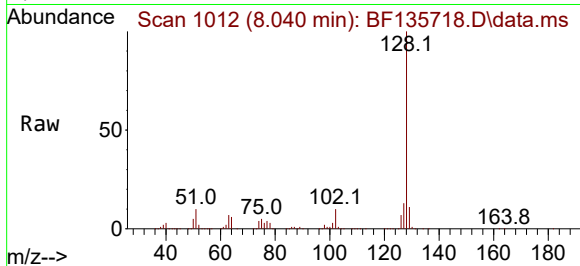




#31
Naphthalene
Concen: 56.880 ng
RT: 8.040 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

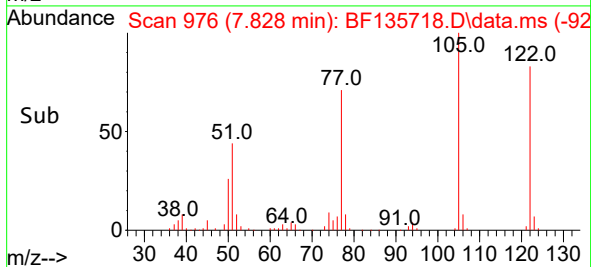
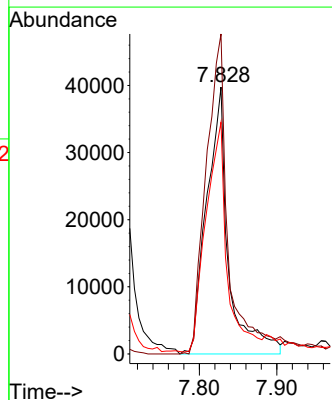
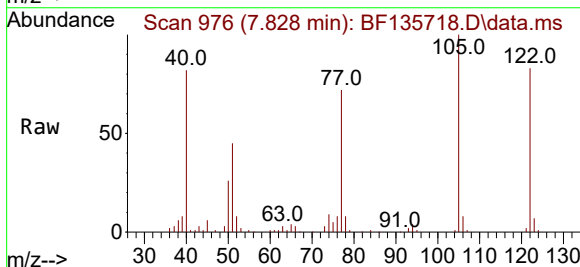
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

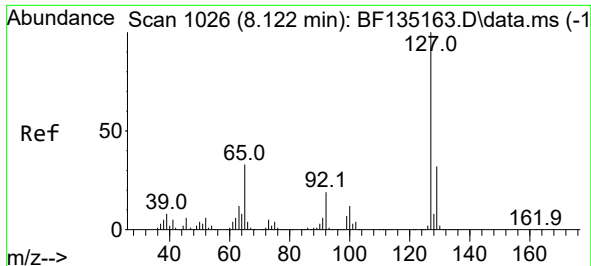
Tgt Ion:128 Resp: 938974
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 20.685 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:122 Resp: 77669
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 86.8 70.0 110.0





#33

4-Chloroaniline

Concen: 5.692 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.012 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tgt Ion:127 Resp: 41228

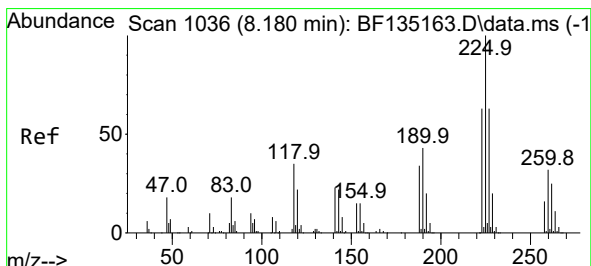
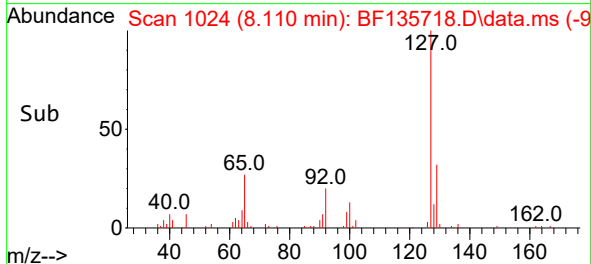
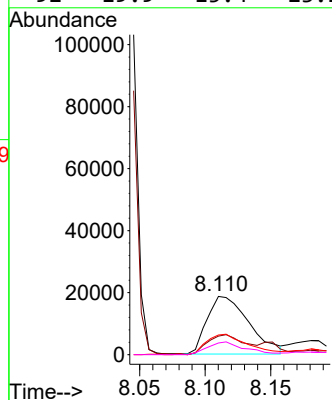
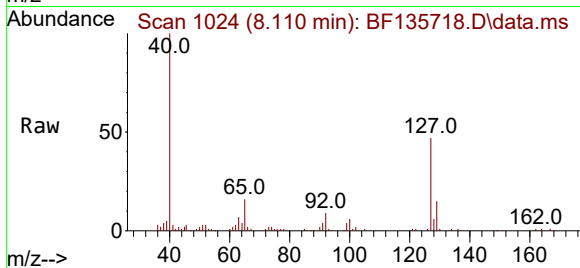
Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.8

65 33.7 26.6 39.8

92 19.9 15.4 23.2



#34

Hexachlorobutadiene

Concen: 58.003 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

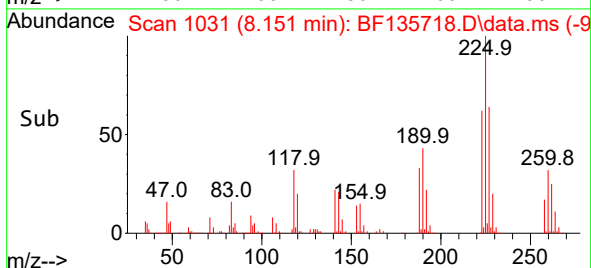
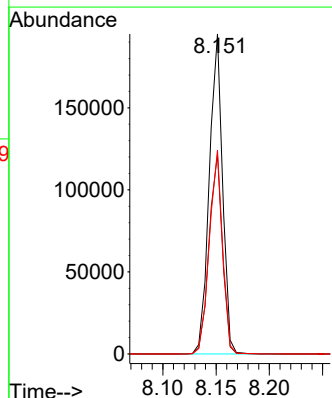
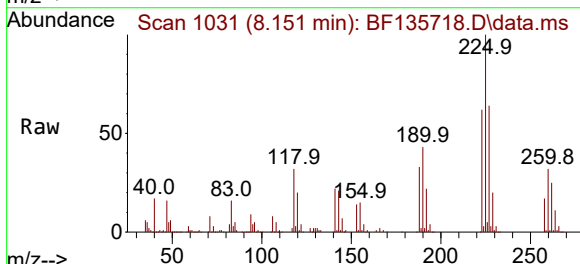
Tgt Ion:225 Resp: 168912

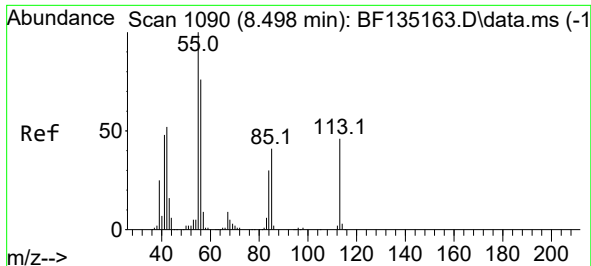
Ion Ratio Lower Upper

225 100

223 62.4 50.6 75.8

227 63.7 50.8 76.2

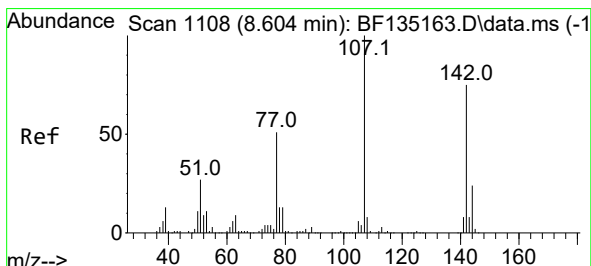
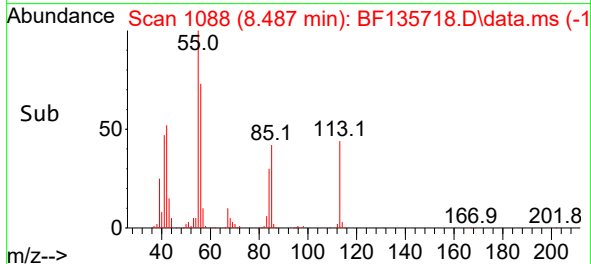
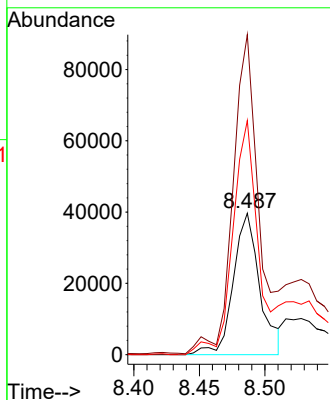
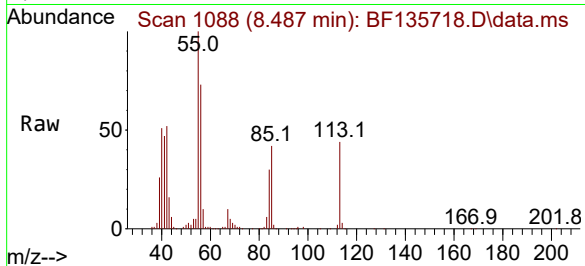




#35
 Caprolactam
 Concen: 36.063 ng
 RT: 8.487 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43

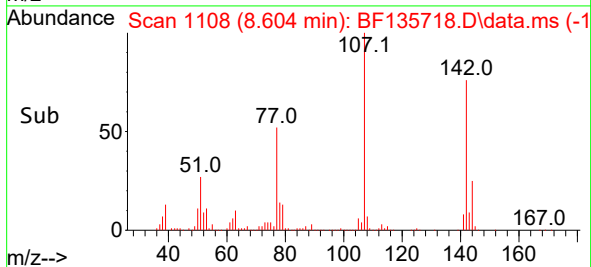
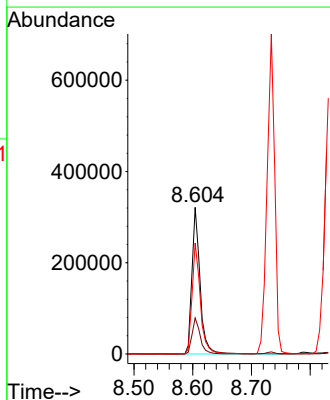
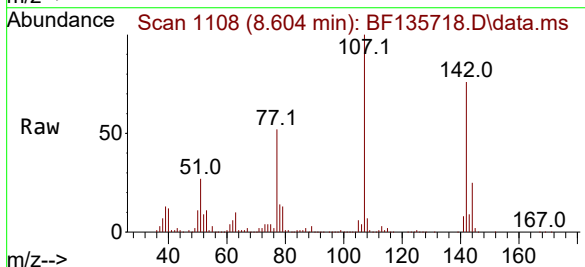
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

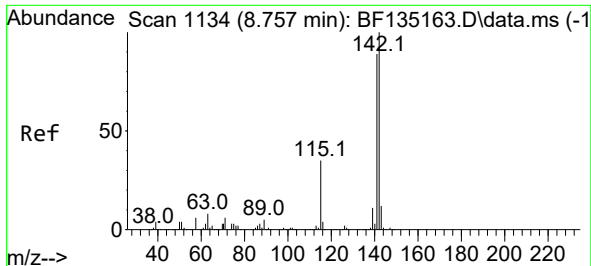
Tgt Ion:113 Resp: 55924
 Ion Ratio Lower Upper
 113 100
 55 226.2 199.3 239.3
 56 165.4 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 60.304 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.012 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43

Tgt Ion:107 Resp: 309689
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.0 28.4
 142 75.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 56.956 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

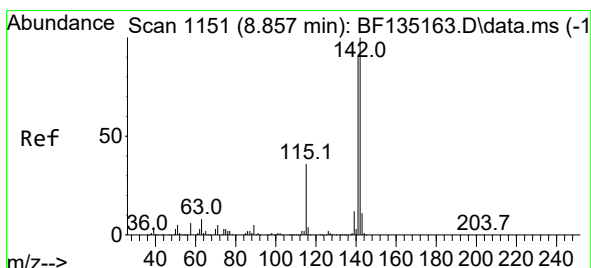
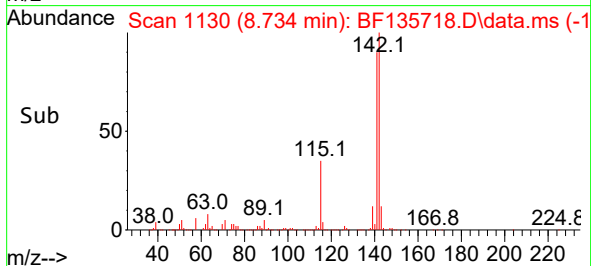
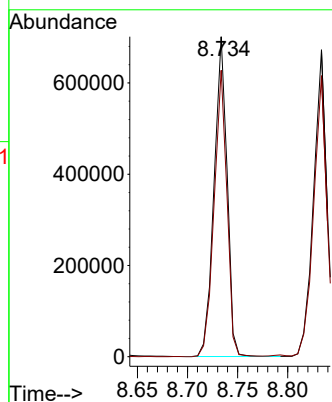
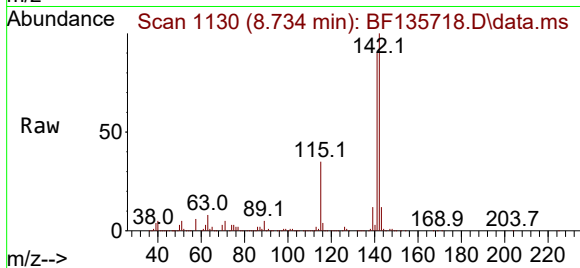
VNJ-223MS

Tgt Ion:142 Resp: 632019

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 58.270 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135718.D

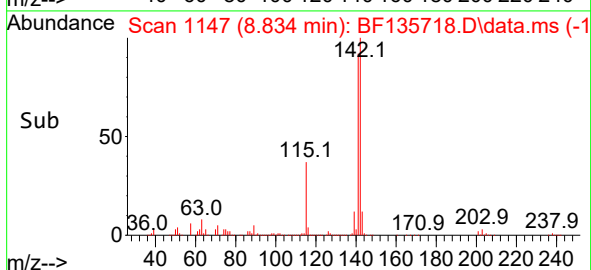
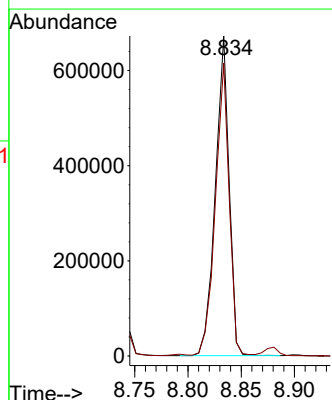
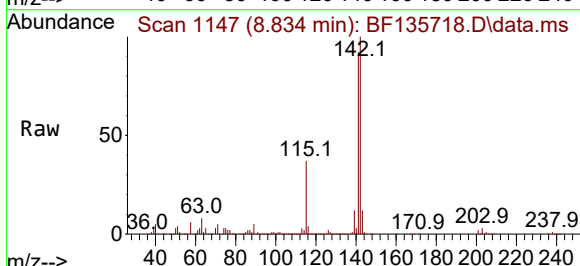
Acq: 11 Oct 2023 17:43

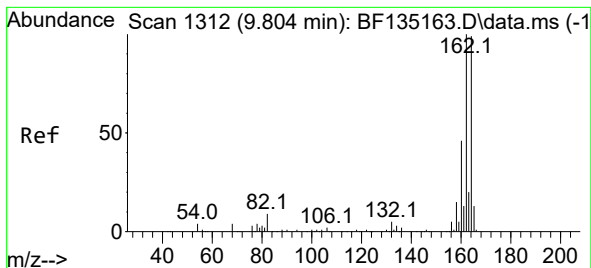
Tgt Ion:142 Resp: 605369

Ion Ratio Lower Upper

142 100

141 91.5 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

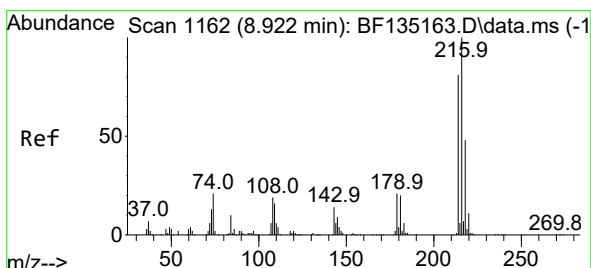
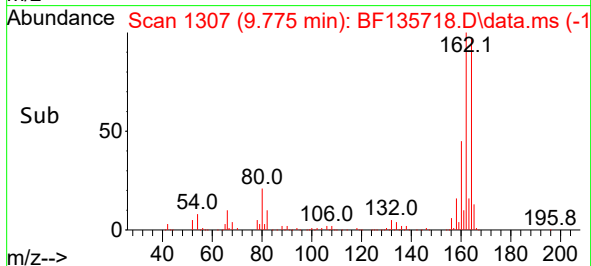
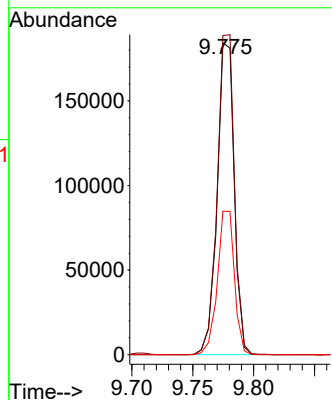
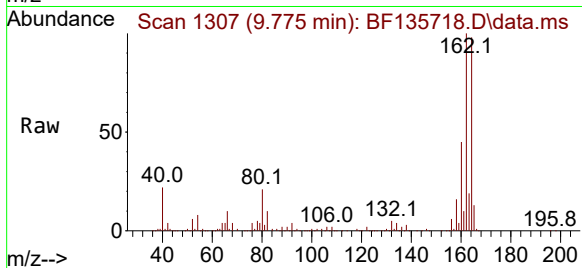
Tgt Ion:164 Resp: 179563

Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.4

160 46.0 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.445 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Tgt Ion:216 Resp: 314442

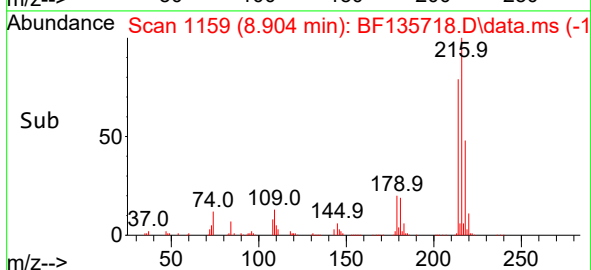
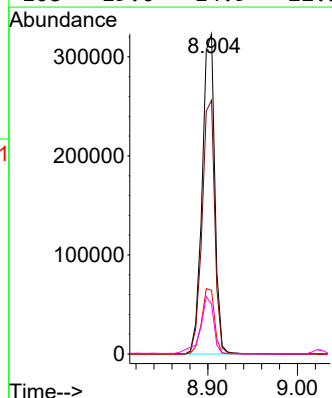
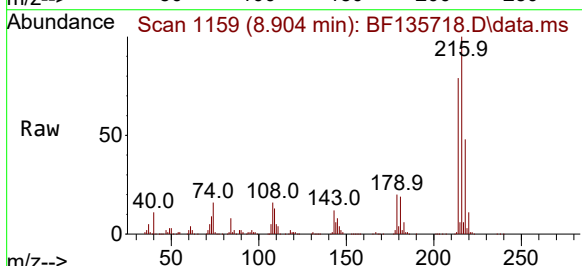
Ion Ratio Lower Upper

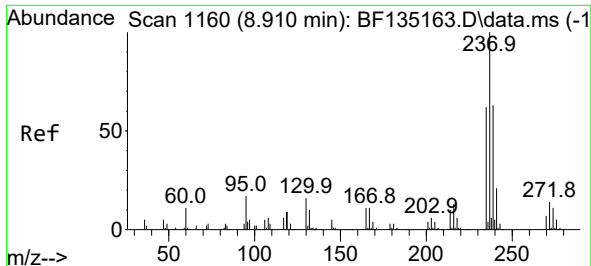
216 100

214 80.0 63.7 95.5

179 20.8 16.7 25.1

108 19.0 14.9 22.3

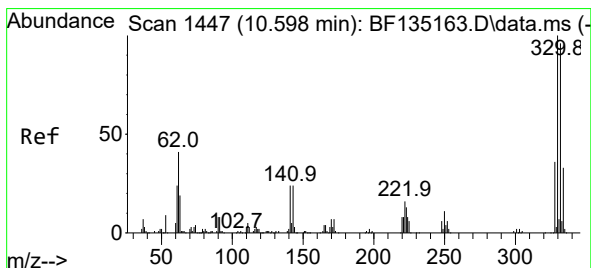
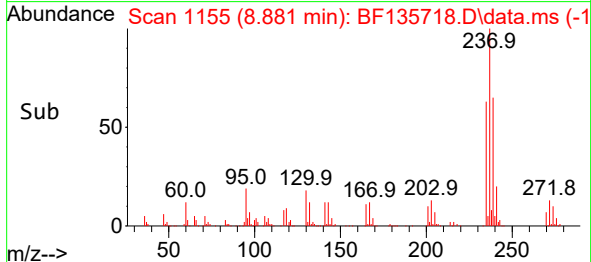
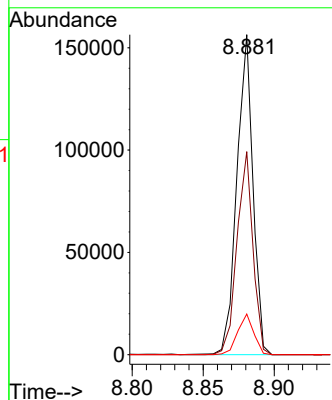
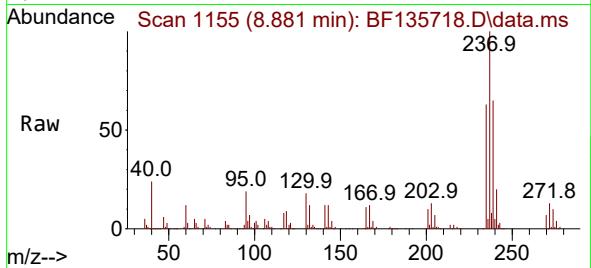




#41
Hexachlorocyclopentadiene
Concen: 56.388 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

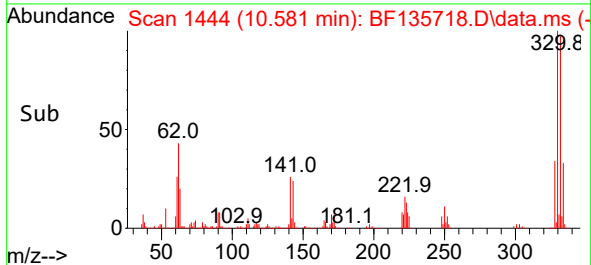
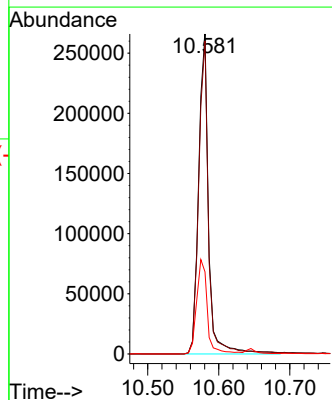
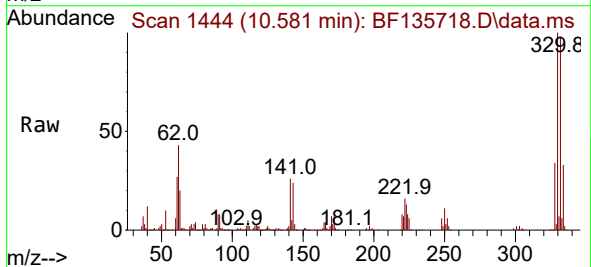
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

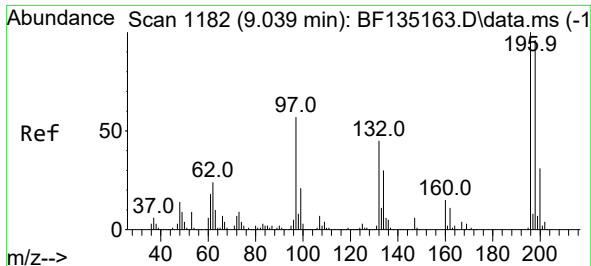
Tgt Ion: 237 Resp: 123748
Ion Ratio Lower Upper
237 100
235 63.5 41.8 81.8
272 12.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 144.849 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion: 330 Resp: 258471
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 31.5 25.8 38.8

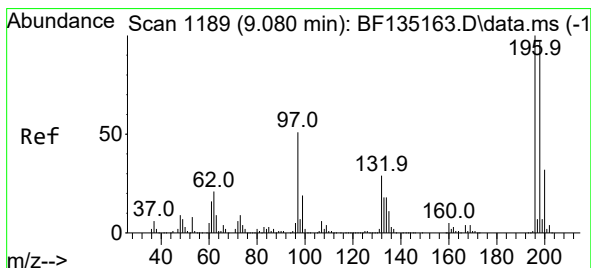
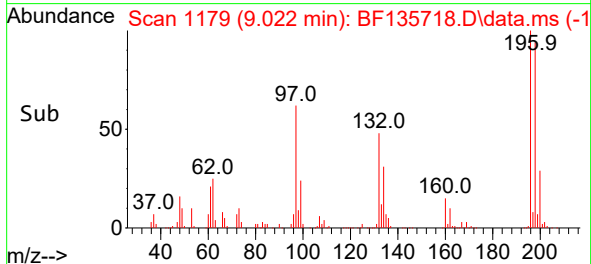
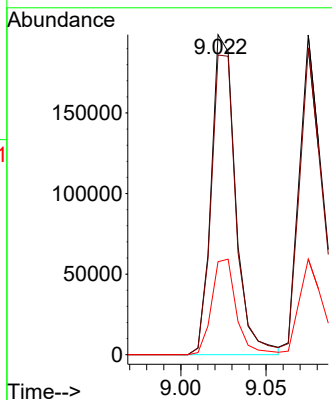
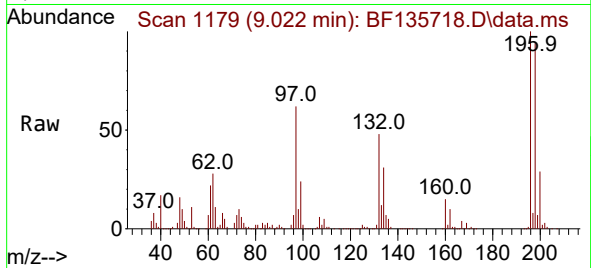




#43
2,4,6-Trichlorophenol
Concen: 57.685 ng
RT: 9.022 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

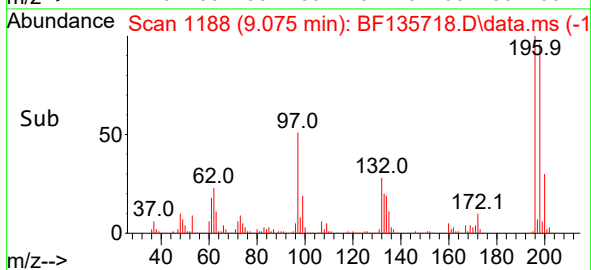
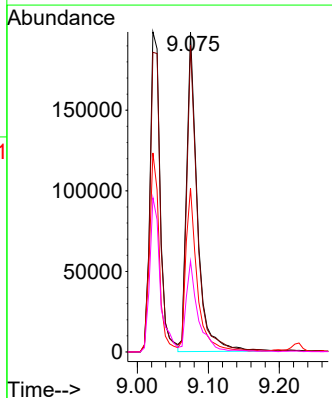
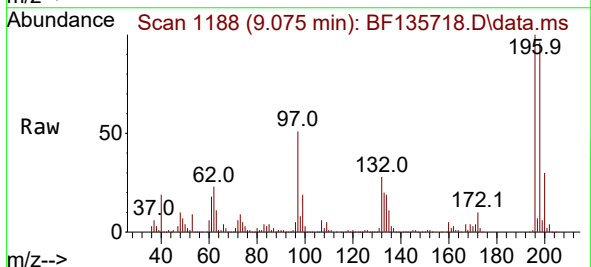
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

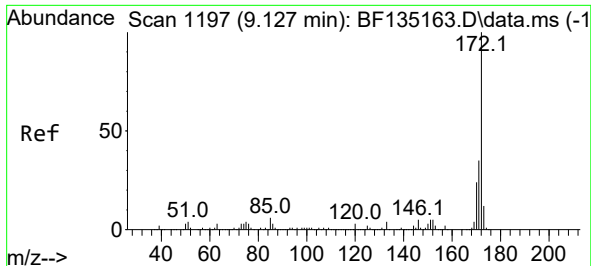
Tgt Ion:196 Resp: 196475
Ion Ratio Lower Upper
196 100
198 93.7 77.0 115.6
200 29.1 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 53.439 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:196 Resp: 209610
Ion Ratio Lower Upper
196 100
198 96.0 77.5 116.3
97 51.2 40.5 60.7
132 28.4 23.3 34.9

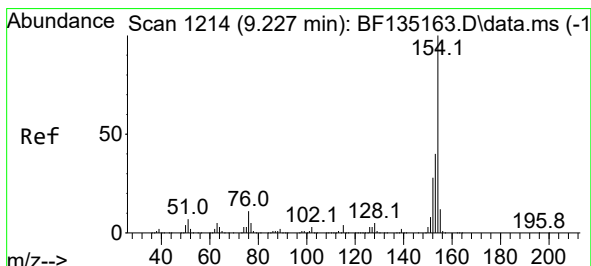
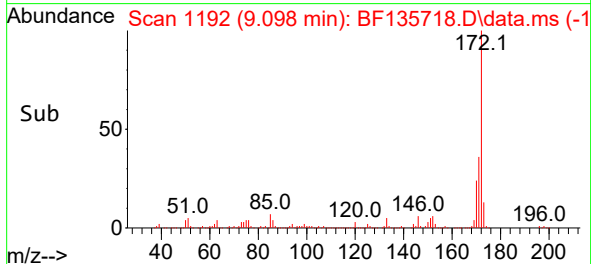
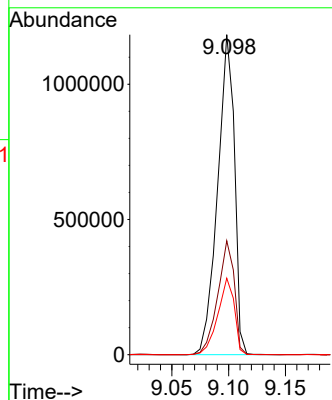
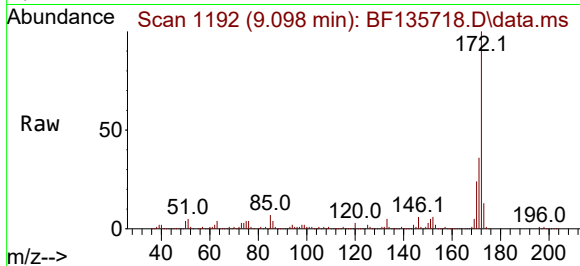




#45
2-Fluorobiphenyl
Concen: 102.605 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

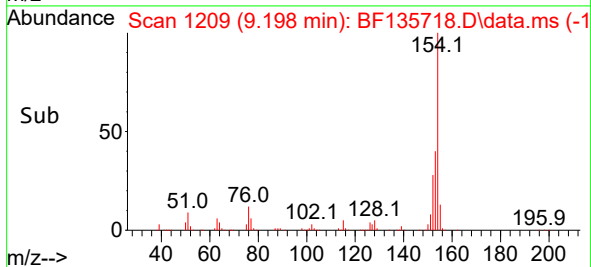
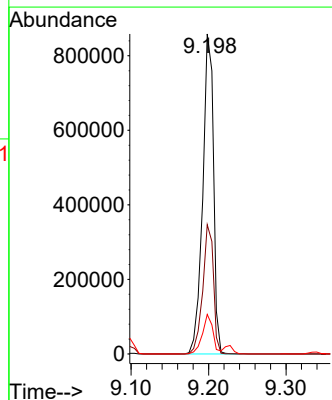
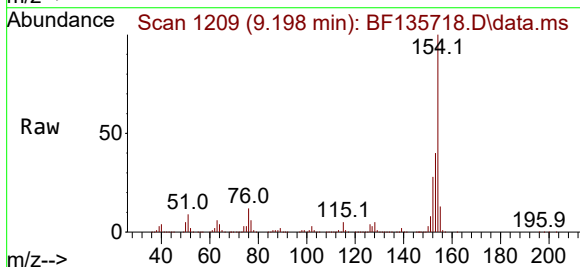
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

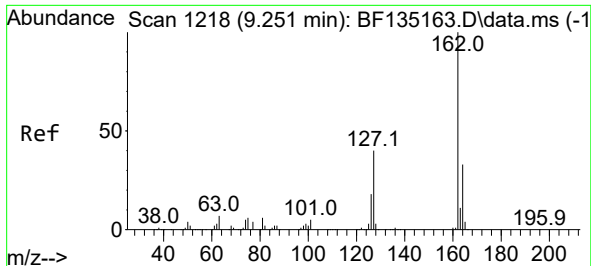
Tgt Ion:172 Resp: 1221171
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 60.205 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:154 Resp: 830777
Ion Ratio Lower Upper
154 100
153 40.4 19.6 59.6
76 12.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 60.984 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

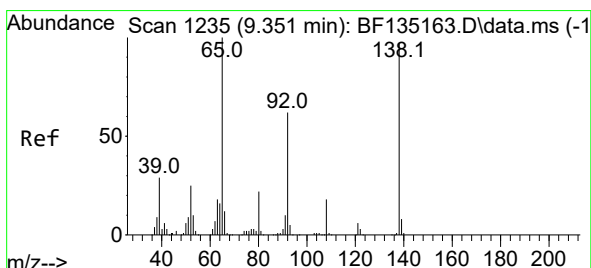
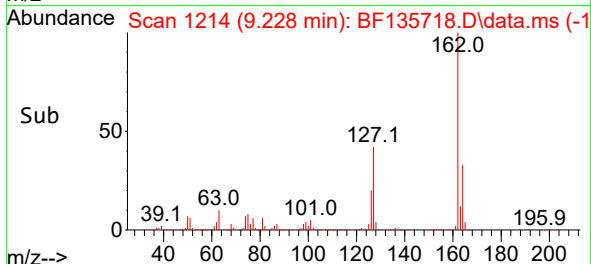
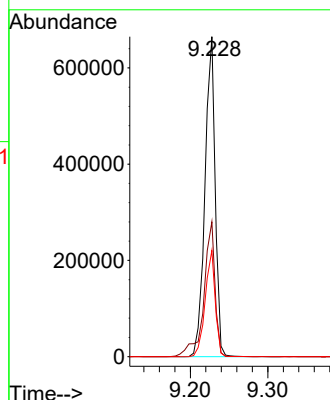
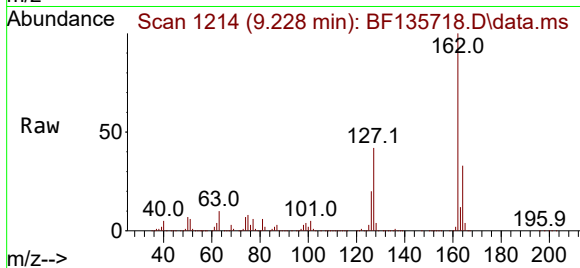
Tgt Ion:162 Resp: 610572

Ion Ratio Lower Upper

162 100

127 42.2 32.6 48.8

164 33.2 26.2 39.2



#48

2-Nitroaniline

Concen: 58.419 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

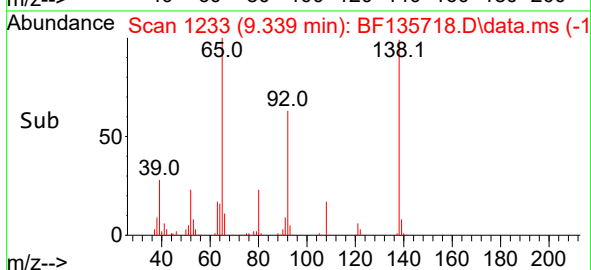
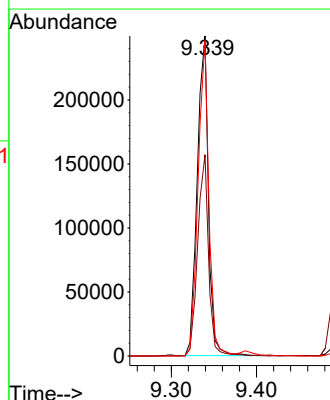
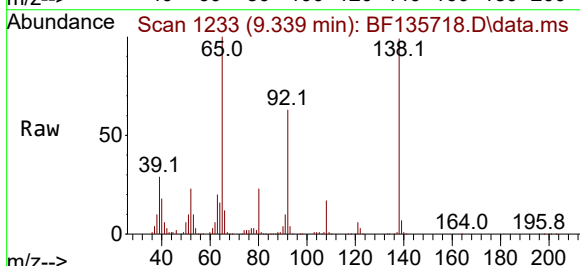
Tgt Ion: 65 Resp: 227231

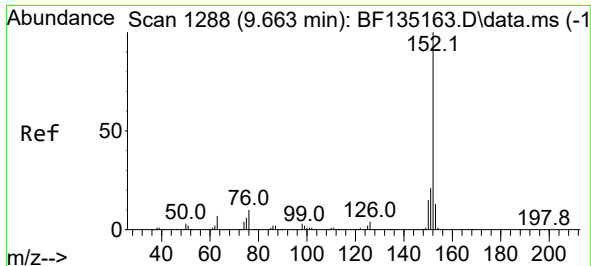
Ion Ratio Lower Upper

65 100

92 62.9 49.4 74.0

138 98.6 77.4 116.0





#49

Acenaphthylene

Concen: 58.840 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

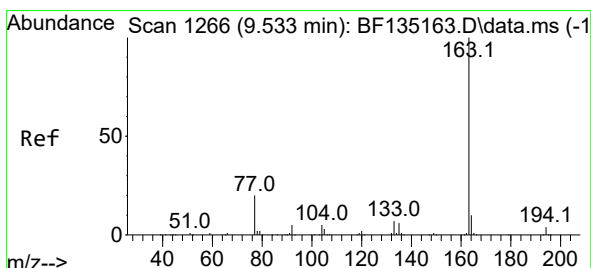
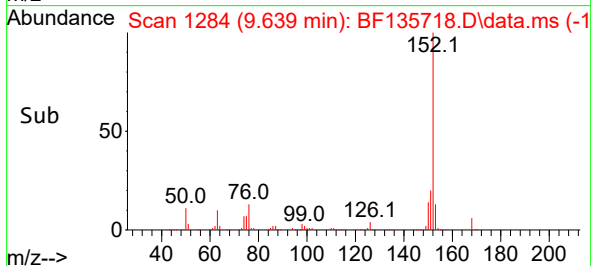
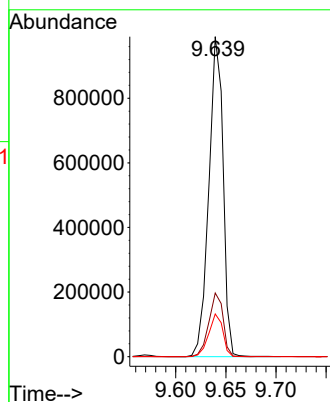
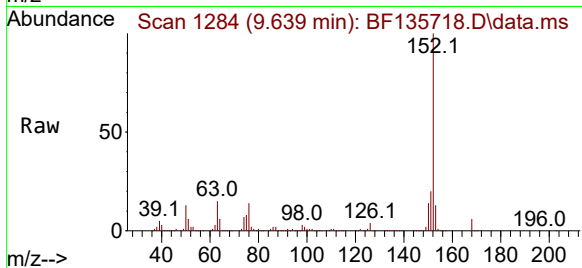
Tgt Ion:152 Resp: 979068

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 58.646 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

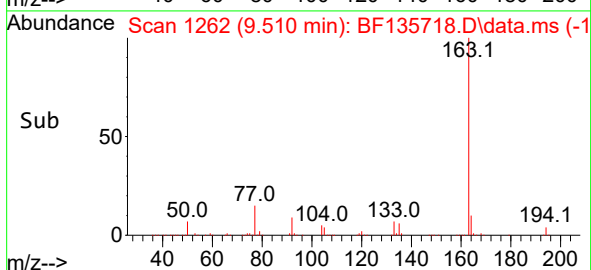
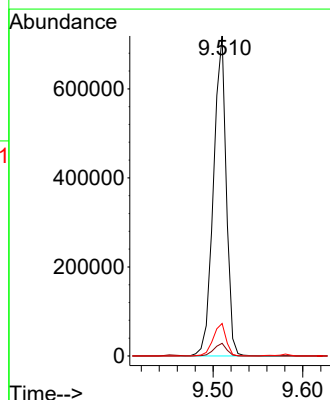
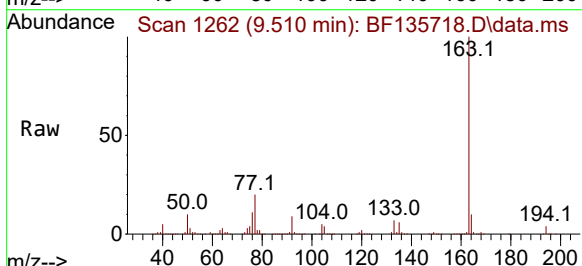
Tgt Ion:163 Resp: 711983

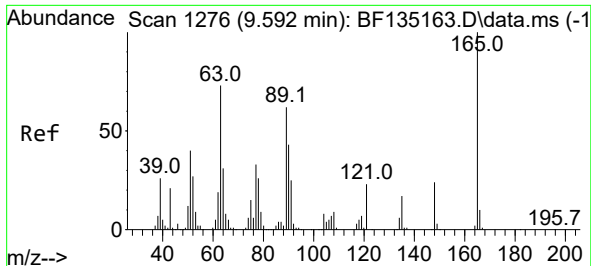
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.1 12.1

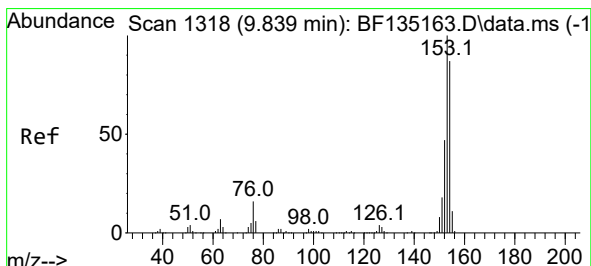
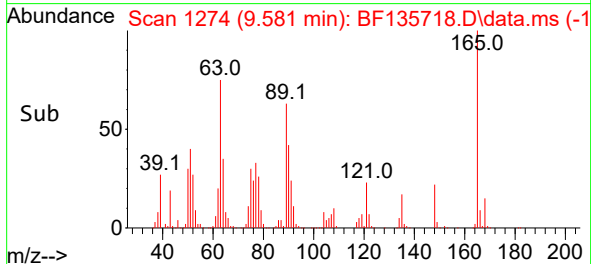
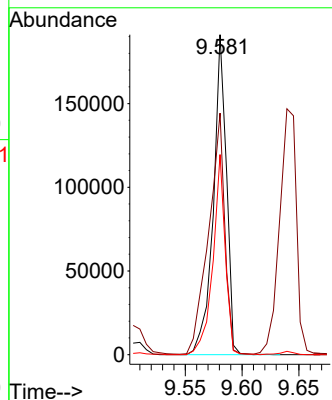
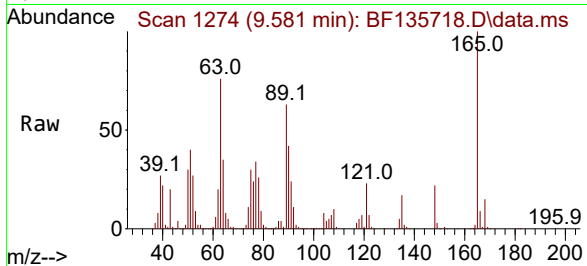




#51
2,6-Dinitrotoluene
Concen: 57.661 ng
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

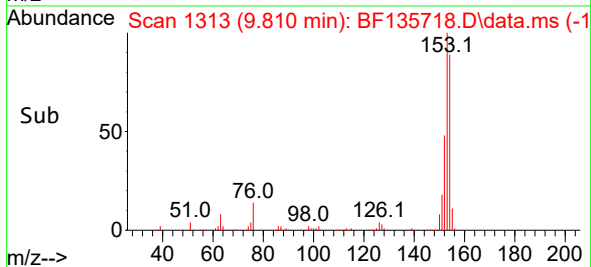
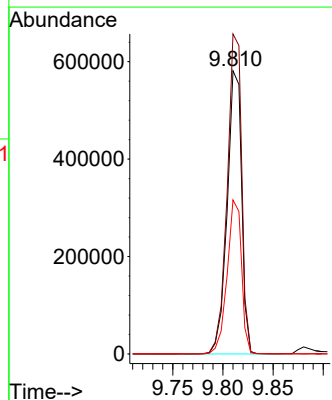
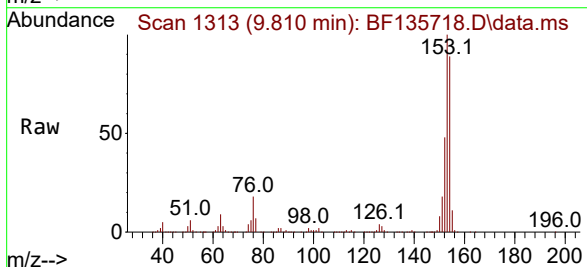
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

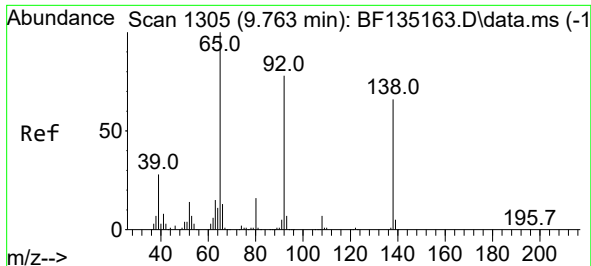
Tgt Ion:165 Resp: 153351
Ion Ratio Lower Upper
165 100
63 75.5 59.4 89.2
89 62.6 49.8 74.8



#52
Acenaphthene
Concen: 59.188 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:154 Resp: 581797
Ion Ratio Lower Upper
154 100
153 113.0 92.1 138.1
152 54.4 43.1 64.7

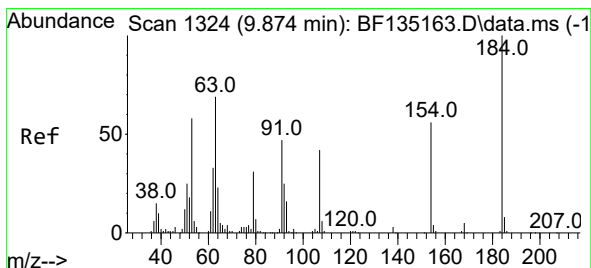
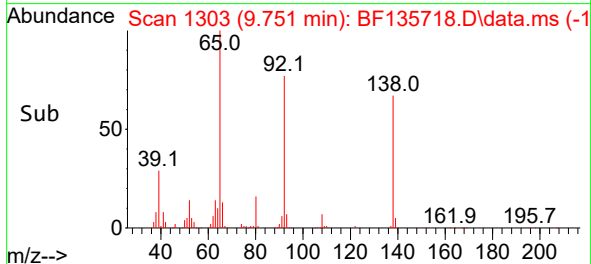
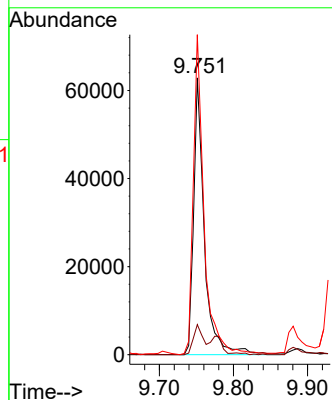
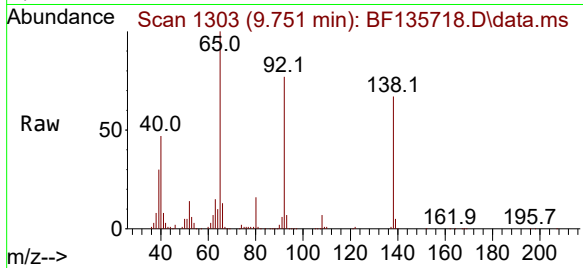




#53
3-Nitroaniline
Concen: 20.343 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

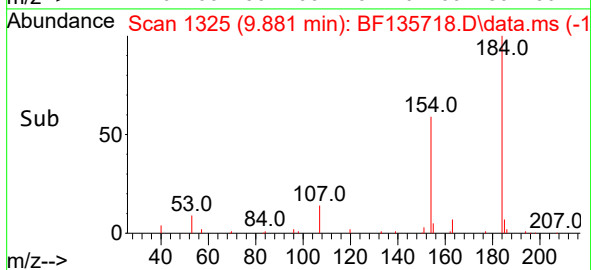
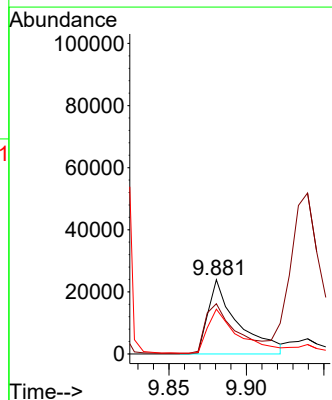
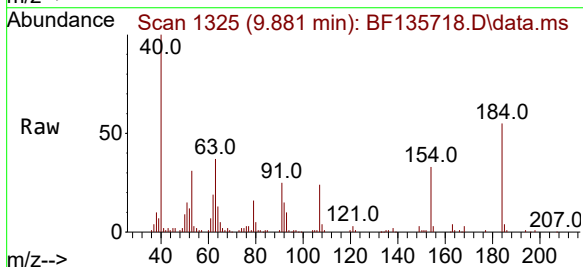
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

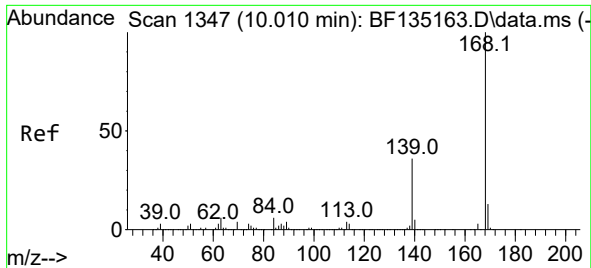
Tgt Ion:138 Resp: 63508
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 115.6 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 25.645 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:184 Resp: 31767
Ion Ratio Lower Upper
184 100
63 67.5 55.1 82.7
154 60.2 48.4 72.6

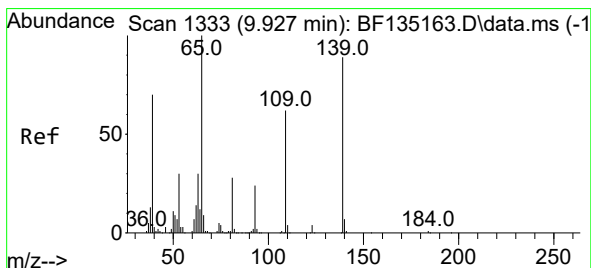
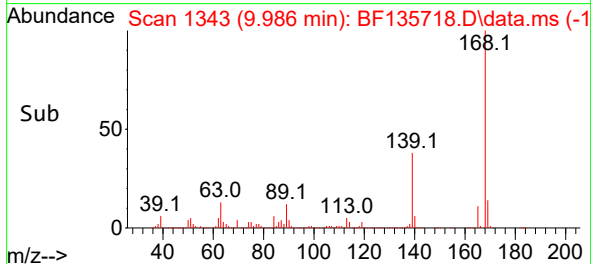
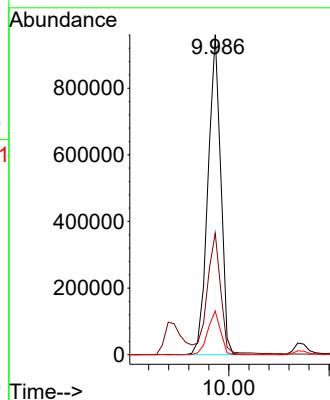
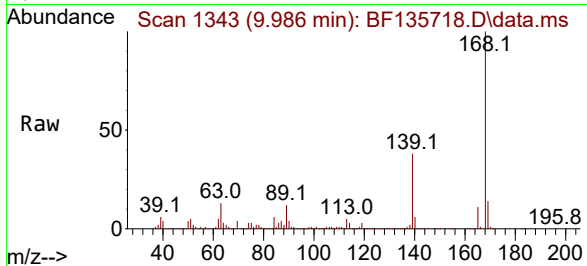




#55
Dibenzofuran
Concen: 56.771 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

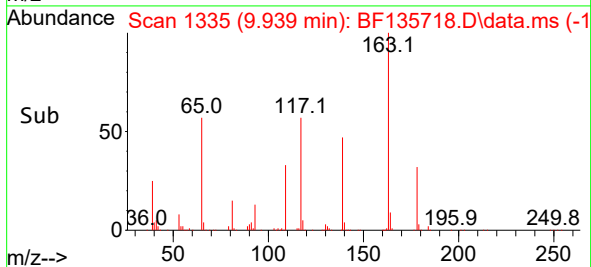
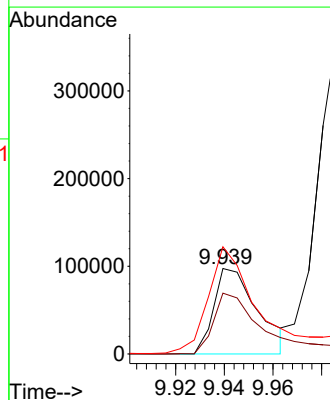
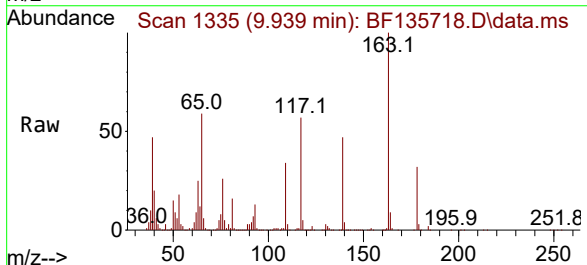
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

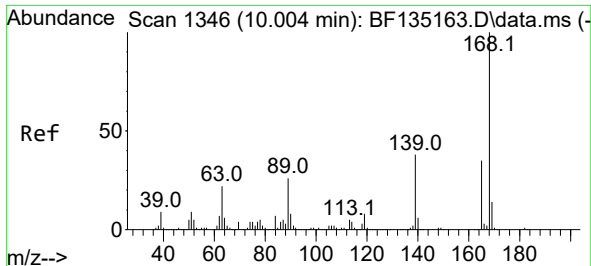
Tgt Ion:168 Resp: 851551
Ion Ratio Lower Upper
168 100
139 38.0 29.0 43.6
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 61.218 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:139 Resp: 121463
Ion Ratio Lower Upper
139 100
109 71.3 49.8 89.8
65 125.6 92.7 132.7

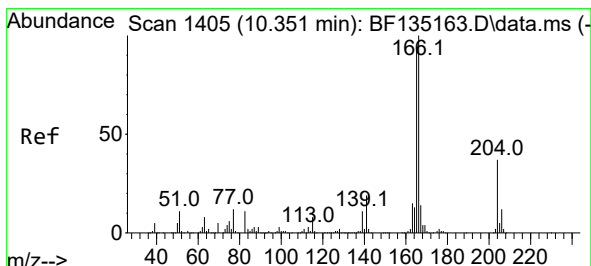
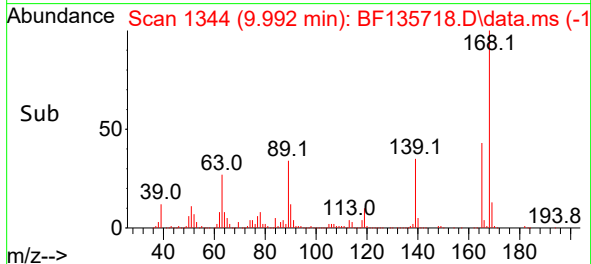
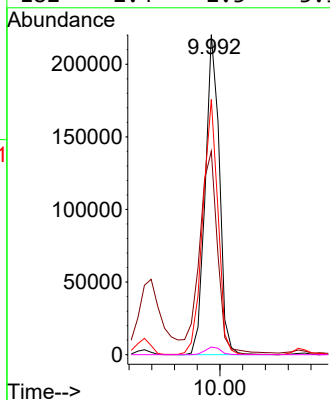
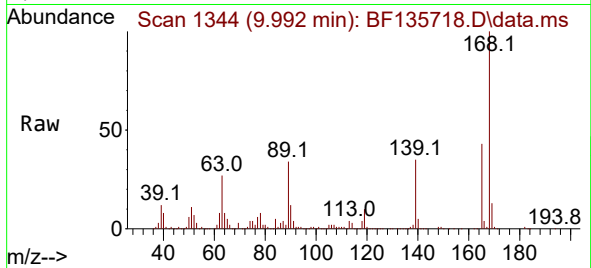




#57
2,4-Dinitrotoluene
Concen: 56.855 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

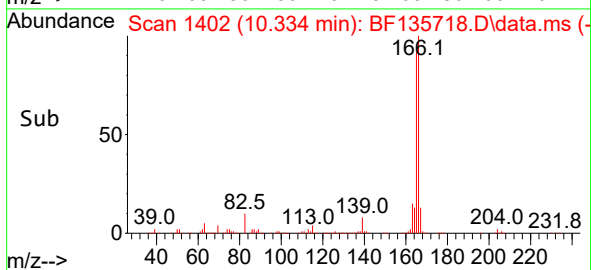
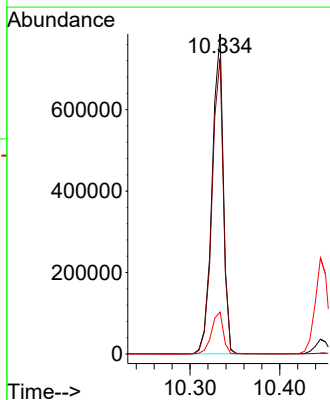
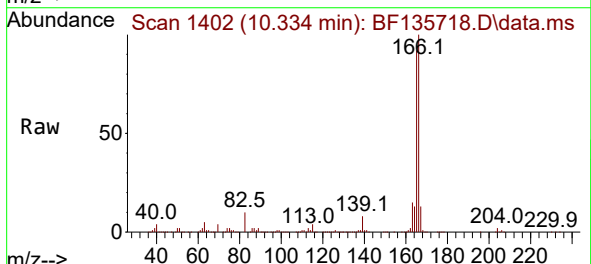
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

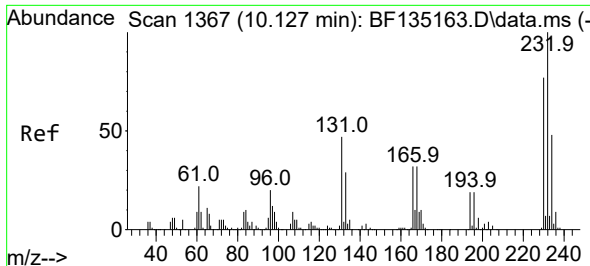
Tgt Ion:165 Resp: 189300
Ion Ratio Lower Upper
165 100
63 63.6 50.1 75.1
89 79.7 59.3 88.9
182 2.4 2.3 3.5



#58
Fluorene
Concen: 59.106 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:166 Resp: 681565
Ion Ratio Lower Upper
166 100
165 92.4 74.3 111.5
167 13.1 10.9 16.3

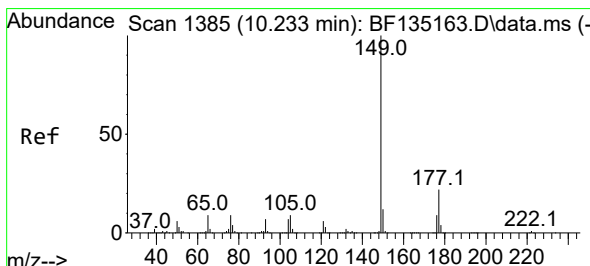
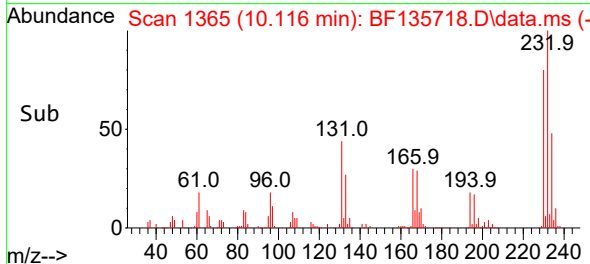
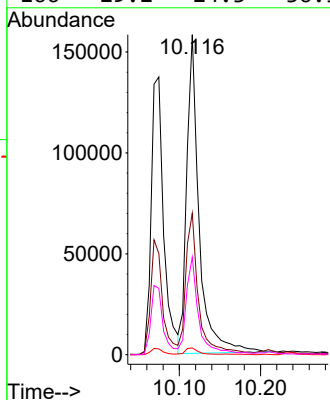
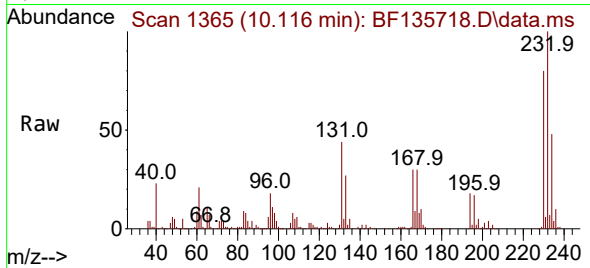




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.472 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

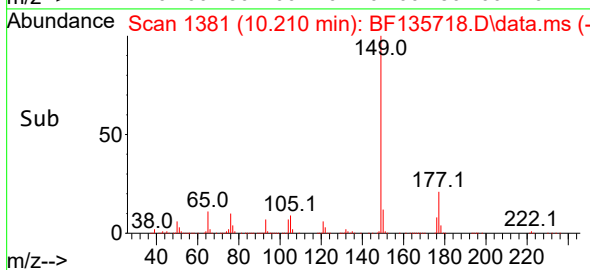
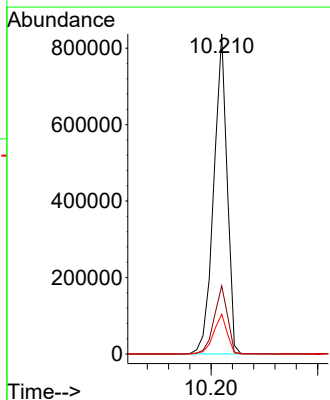
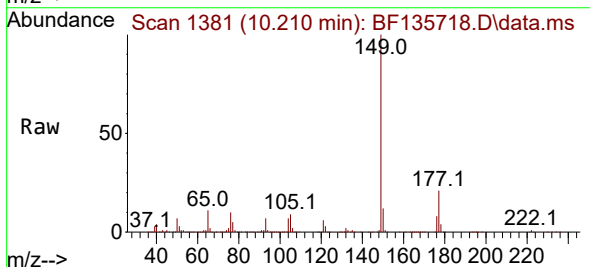
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

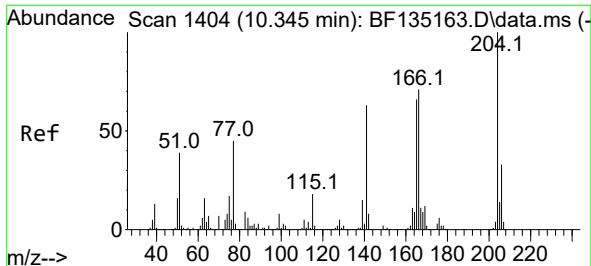
Tgt Ion:232 Resp: 167375
Ion Ratio Lower Upper
232 100
131 43.7 35.4 53.2
130 2.0 1.8 2.8
166 29.2 24.3 36.5



#60
Diethylphthalate
Concen: 59.879 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:149 Resp: 729557
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.4 10.0 15.0

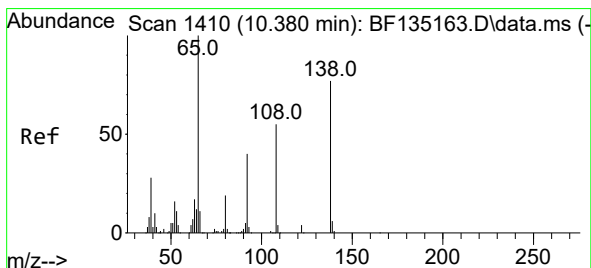
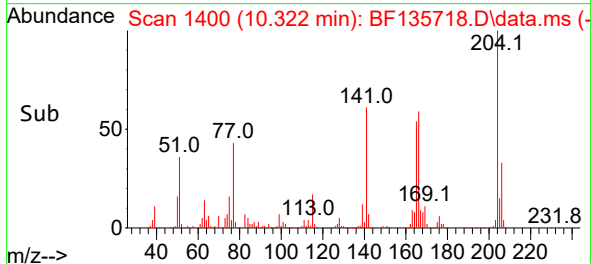
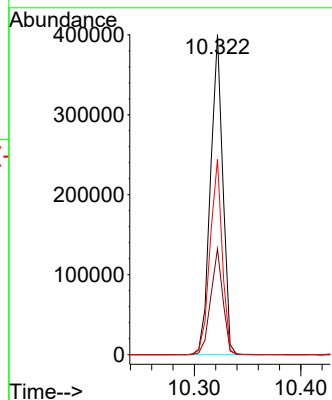
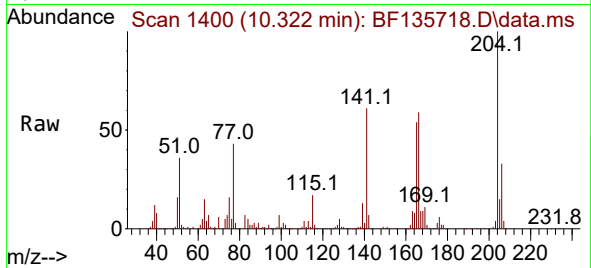




#61
4-Chlorophenyl-phenylether
Concen: 58.181 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

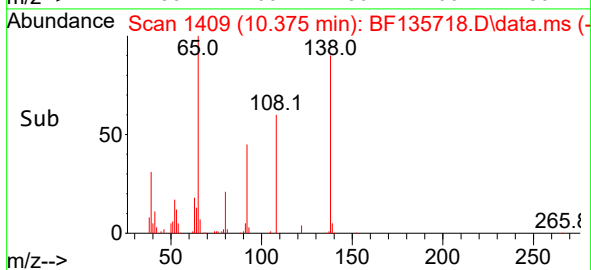
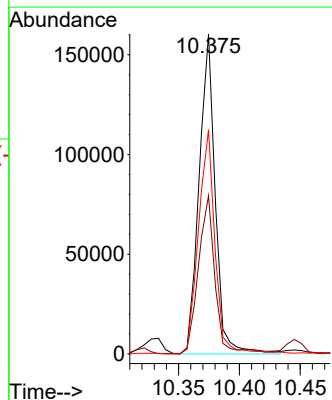
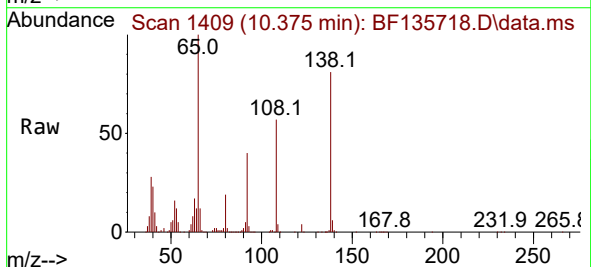
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

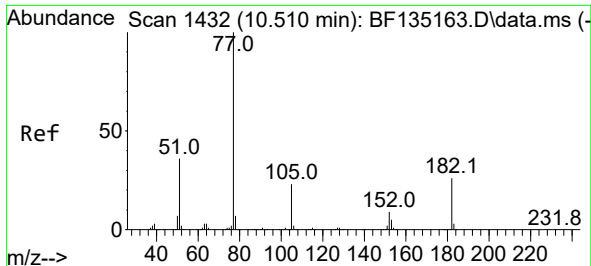
Tgt Ion:204 Resp: 322281
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 61.1 50.6 75.8



#62
4-Nitroaniline
Concen: 49.668 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:138 Resp: 149046
Ion Ratio Lower Upper
138 100
92 49.5 31.8 71.8
108 70.1 52.0 92.0

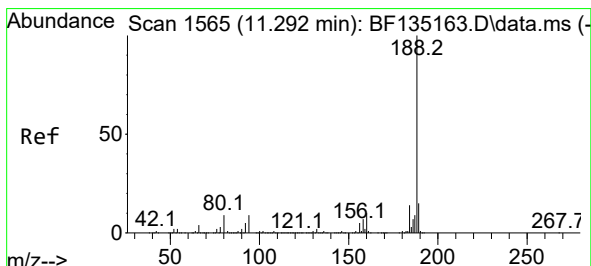
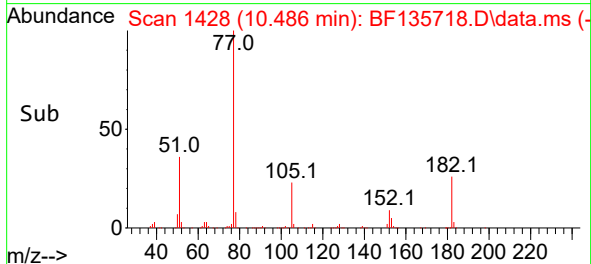
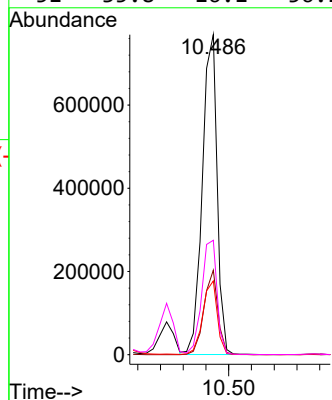
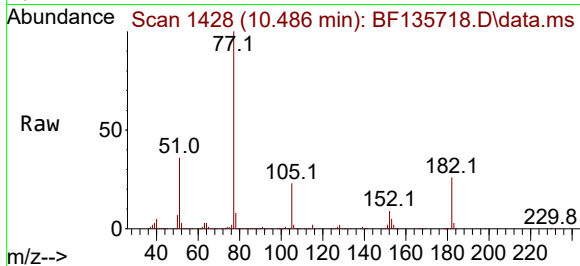




#63
Azobenzene
Concen: 58.348 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

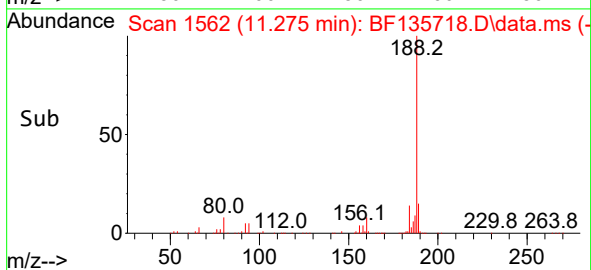
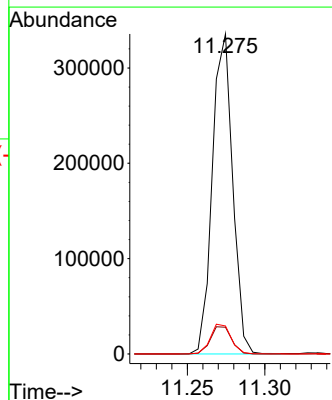
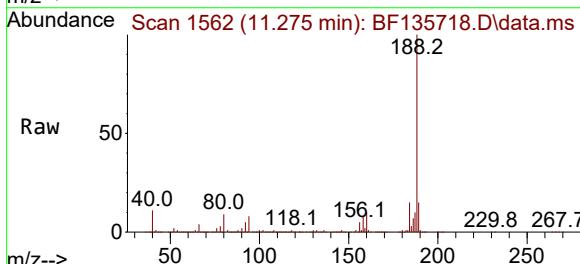
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

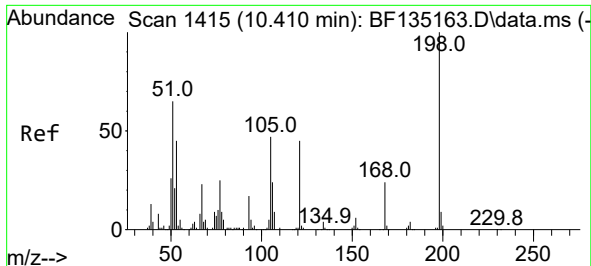
Tgt Ion: 77	Resp: 695754
Ion Ratio	Lower Upper
77 100	
182 26.4	6.4 46.4
105 23.0	3.1 43.1
51 35.8	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:188	Resp: 306149
Ion Ratio	Lower Upper
188 100	
94 8.4	7.0 10.6
80 8.7	7.5 11.3

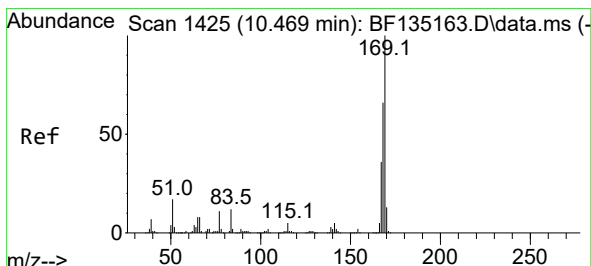
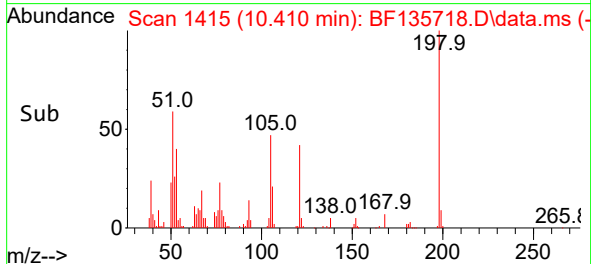
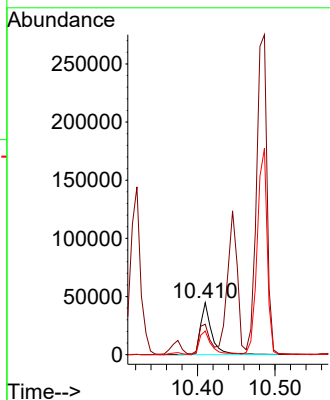
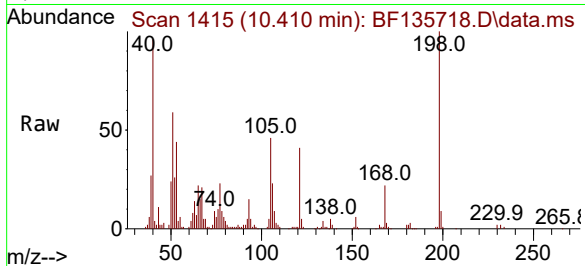




#65
 4,6-Dinitro-2-methylphenol
 Concen: 26.915 ng
 RT: 10.410 min Scan# 1415
 Delta R.T. 0.006 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43

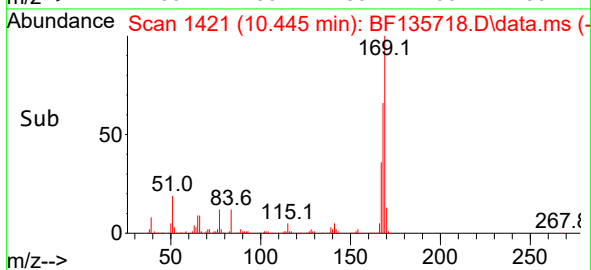
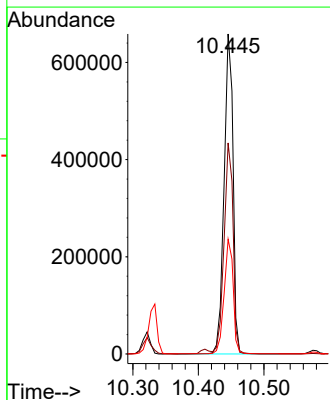
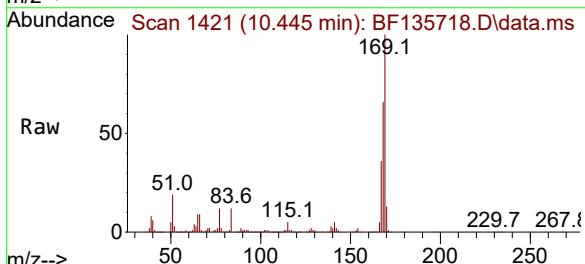
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

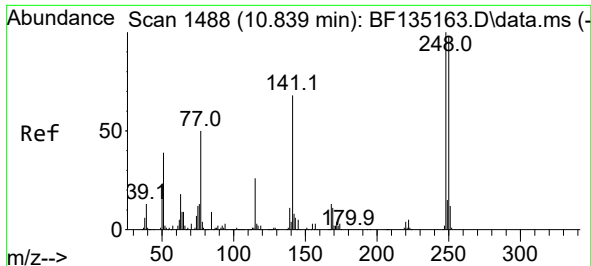
Tgt Ion:198 Resp: 43765
 Ion Ratio Lower Upper
 198 100
 51 58.6 47.7 87.7
 105 45.6 27.4 67.4



#66
 n-Nitrosodiphenylamine
 Concen: 66.805 ng
 RT: 10.445 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43

Tgt Ion:169 Resp: 619182
 Ion Ratio Lower Upper
 169 100
 168 66.0 52.8 79.2
 167 35.9 29.0 43.6

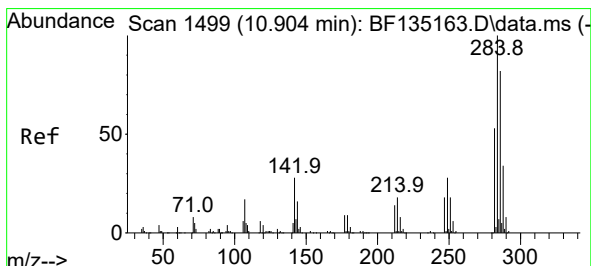
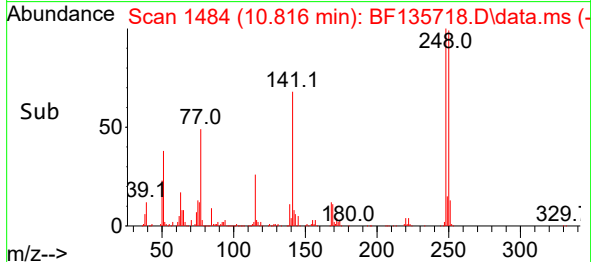
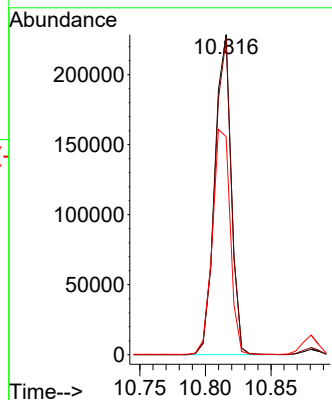
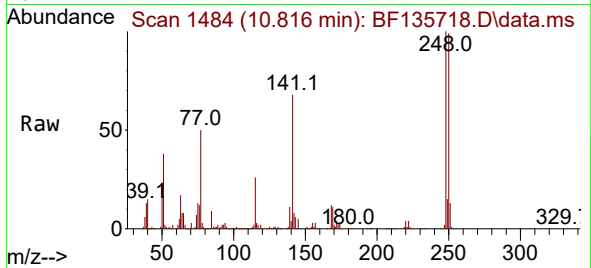




#67
4-Bromophenyl-phenylether
Concen: 65.698 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

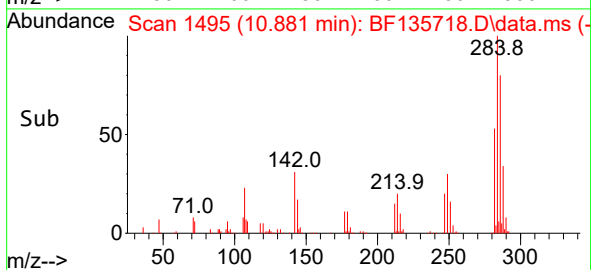
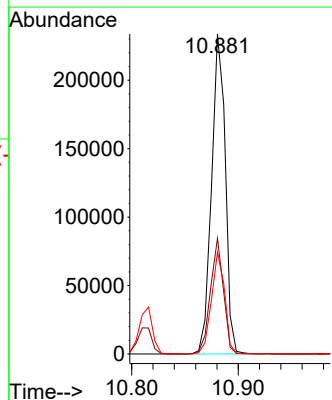
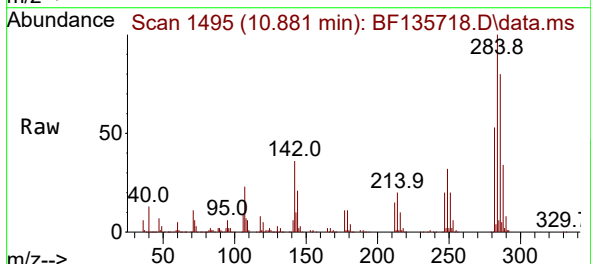
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

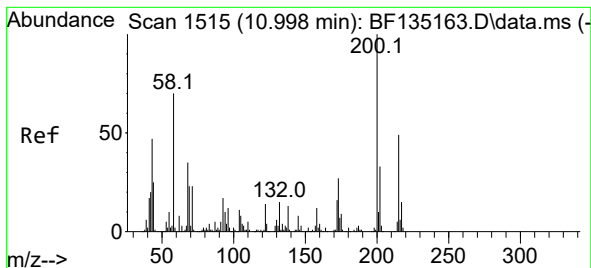
Tgt Ion:248 Resp: 200042
Ion Ratio Lower Upper
248 100
250 98.9 78.6 117.8
141 68.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 67.493 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:284 Resp: 209365
Ion Ratio Lower Upper
284 100
142 36.2 22.2 33.4#
249 31.8 22.5 33.7





#69

Atrazine

Concen: 74.073 ng

RT: 10.981 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

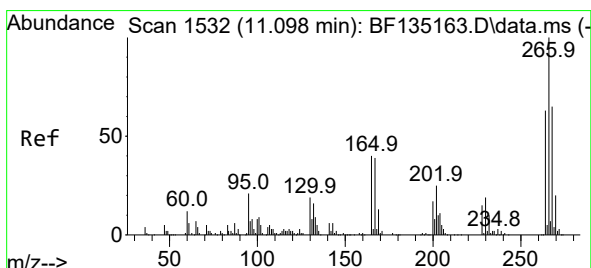
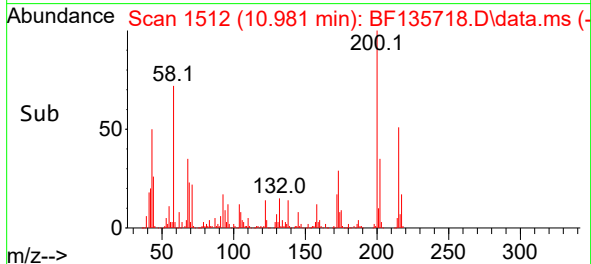
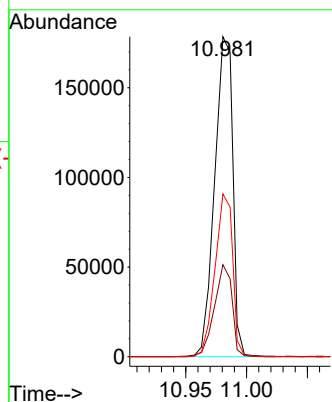
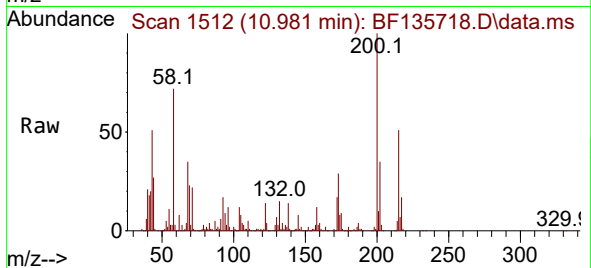
Tgt Ion:200 Resp: 184731

Ion Ratio Lower Upper

200 100

173 28.8 7.4 47.4

215 50.9 28.6 68.6



#70

Pentachlorophenol

Concen: 54.252 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

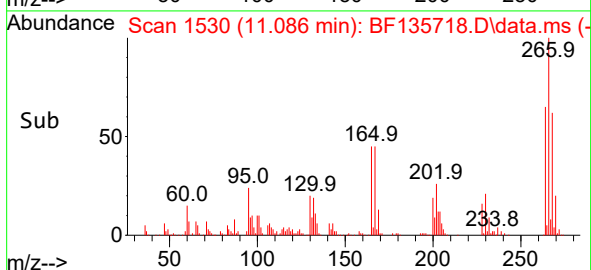
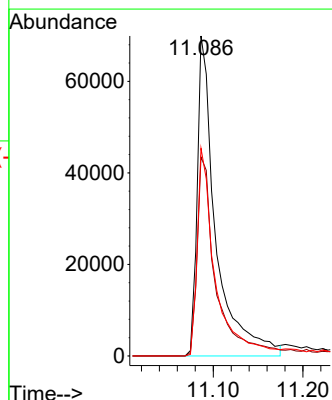
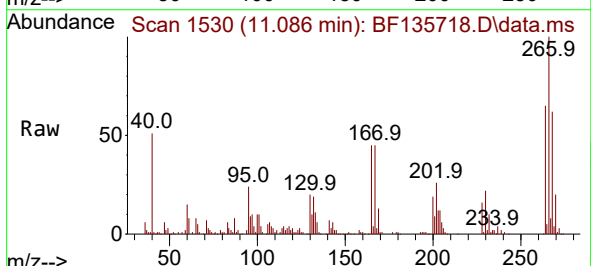
Tgt Ion:266 Resp: 100689

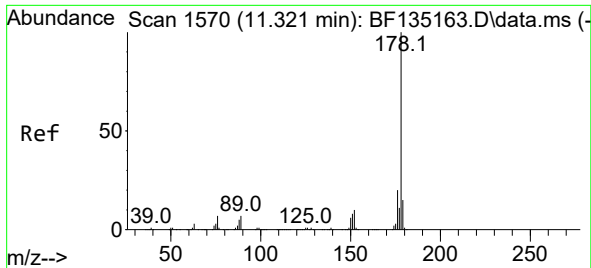
Ion Ratio Lower Upper

266 100

268 62.2 52.1 78.1

264 64.9 50.8 76.2

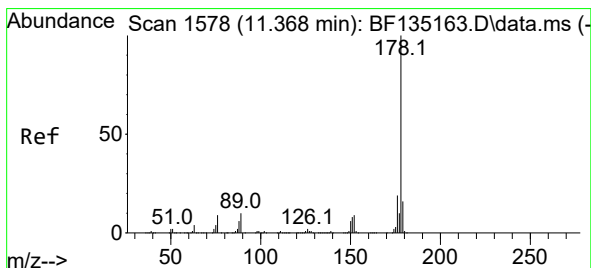
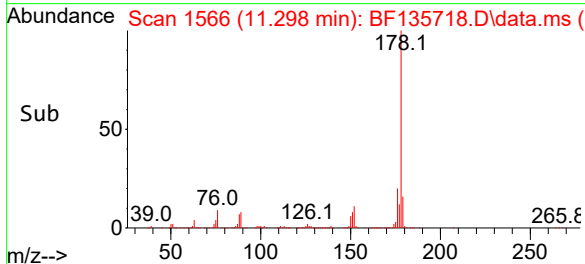
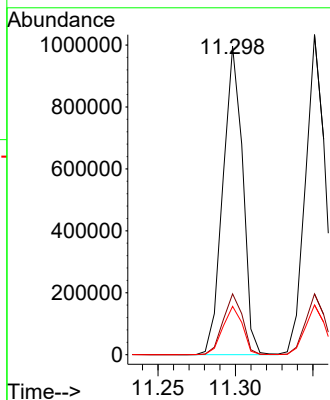
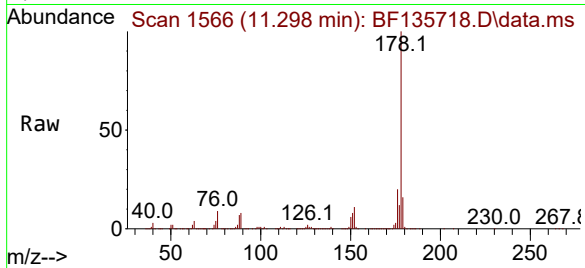




#71
Phenanthrene
Concen: 60.909 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

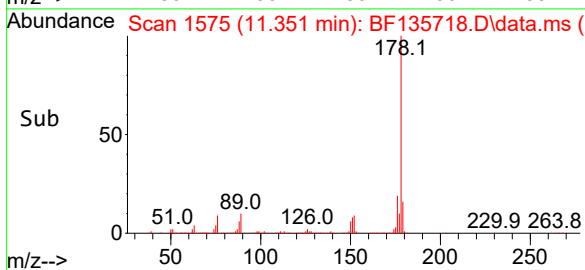
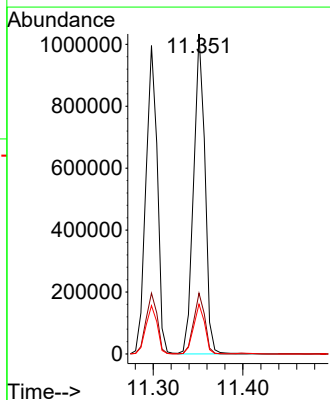
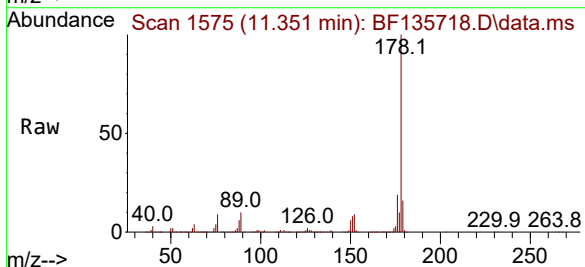
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

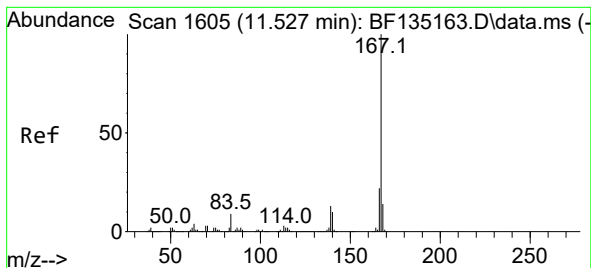
Tgt Ion:178 Resp: 881936
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.7 12.0 18.0



#72
Anthracene
Concen: 60.737 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:178 Resp: 903979
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.6 12.6 19.0





#73

Carbazole

Concen: 59.364 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

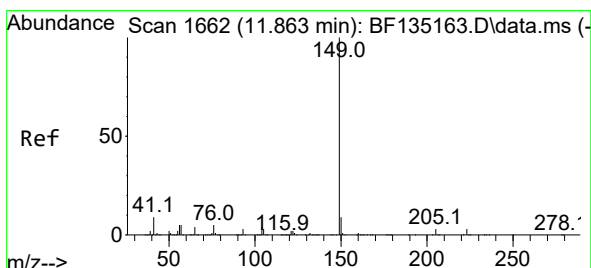
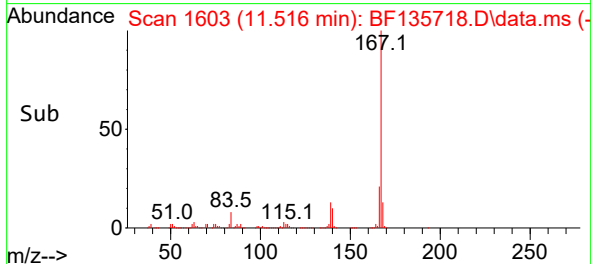
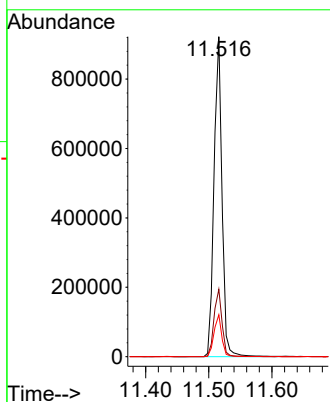
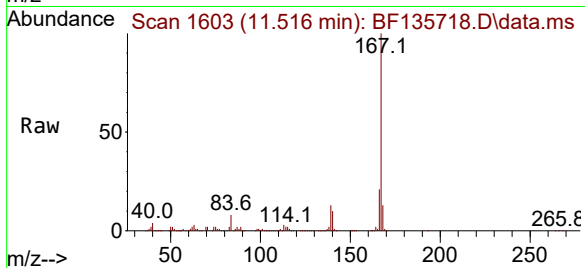
Tgt Ion:167 Resp: 804305

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.0

139 13.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 64.981 ng

RT: 11.839 min Scan# 1658

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

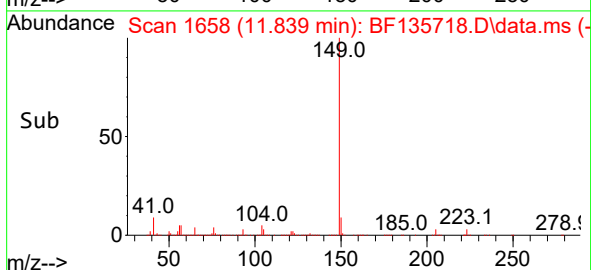
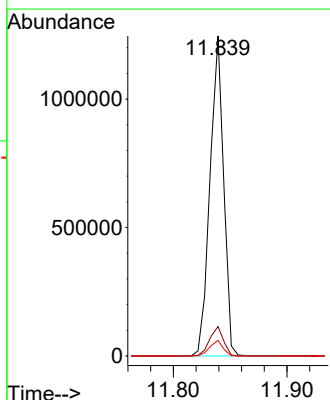
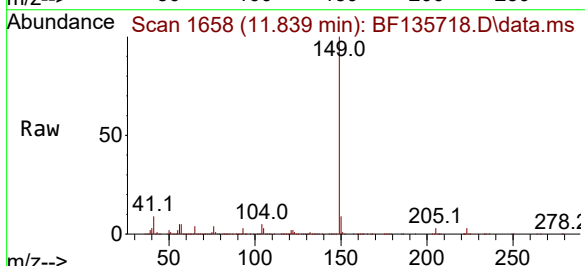
Tgt Ion:149 Resp: 1037426

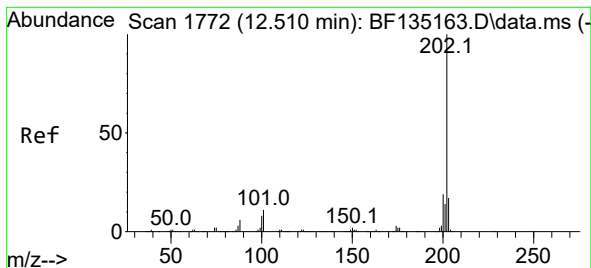
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 61.472 ng

RT: 12.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

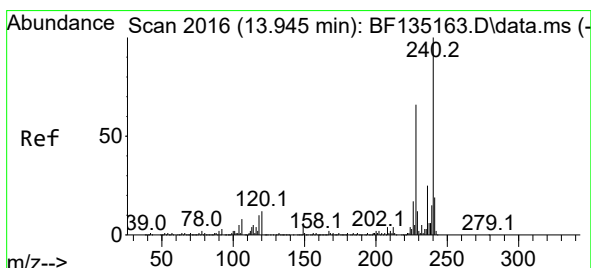
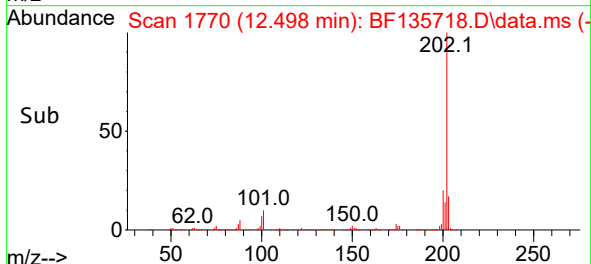
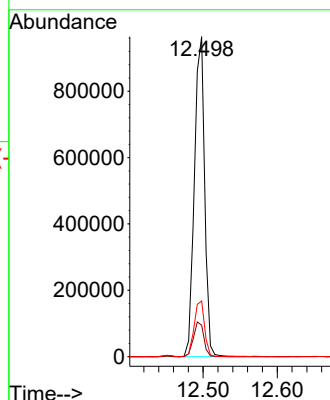
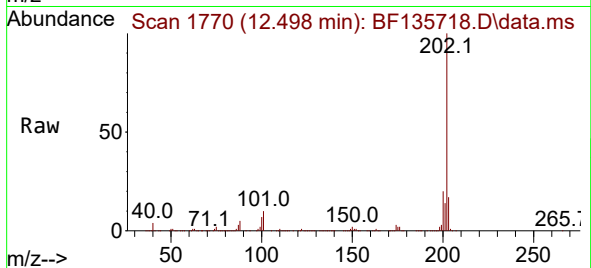
Tgt Ion:202 Resp: 927457

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.3

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

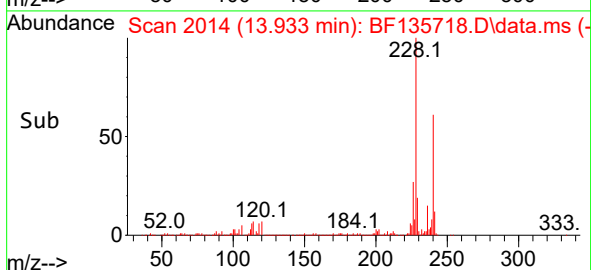
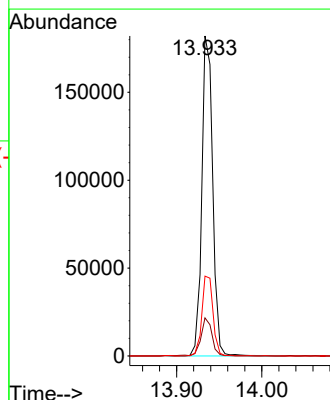
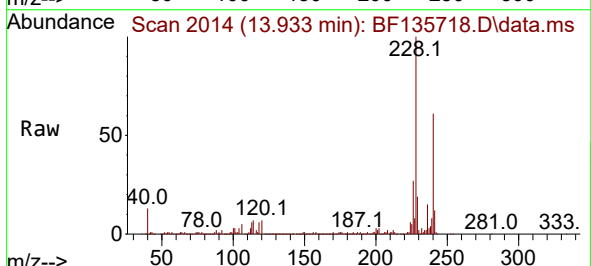
Tgt Ion:240 Resp: 161466

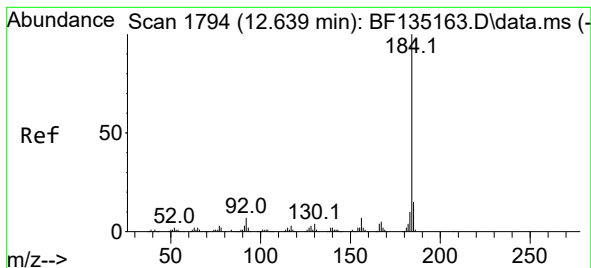
Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

236 24.9 19.8 29.8





#77

Benzidine

Concen: 22.788 ng

RT: 12.627 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

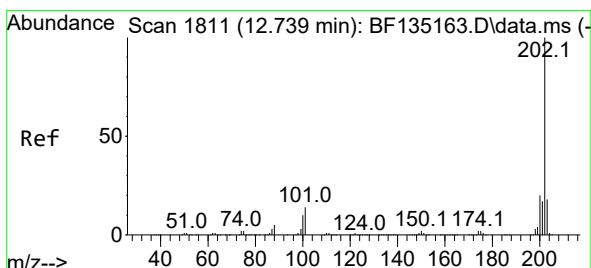
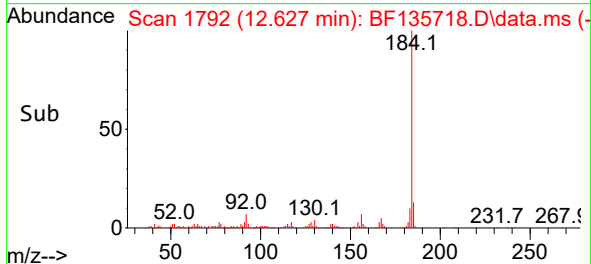
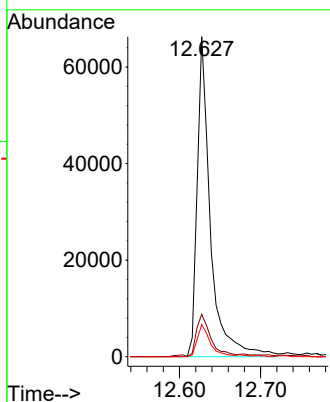
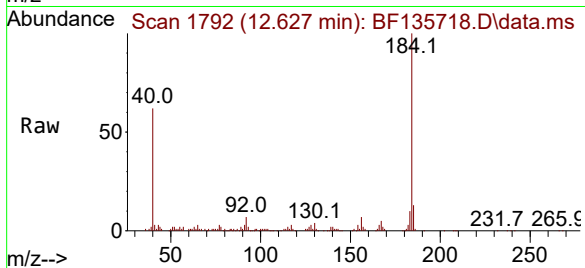
Tgt Ion:184 Resp: 75381

Ion Ratio Lower Upper

184 100

185 13.3 11.7 17.5

183 10.0 8.2 12.4



#78

Pyrene

Concen: 57.844 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

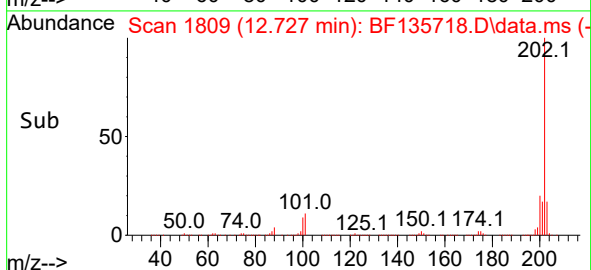
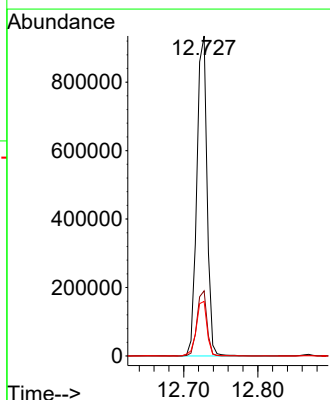
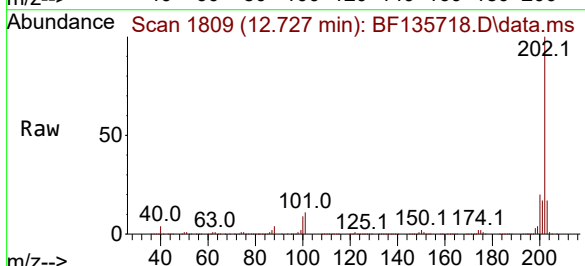
Tgt Ion:202 Resp: 889225

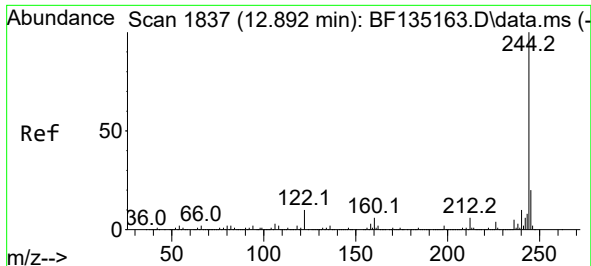
Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

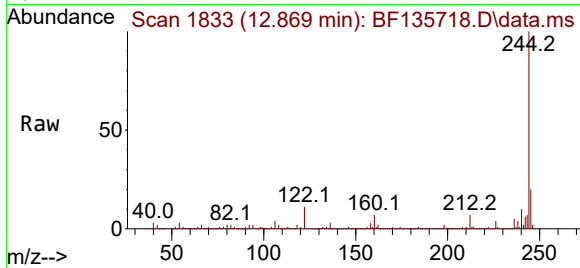
203 17.1 14.2 21.4



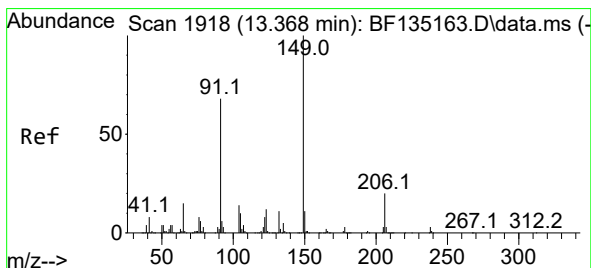
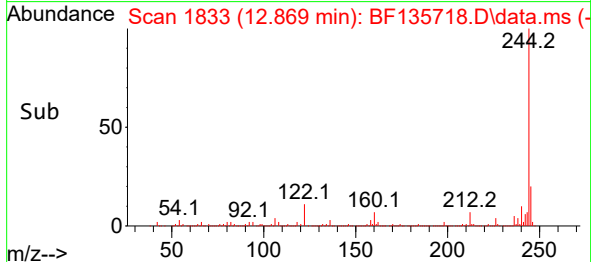
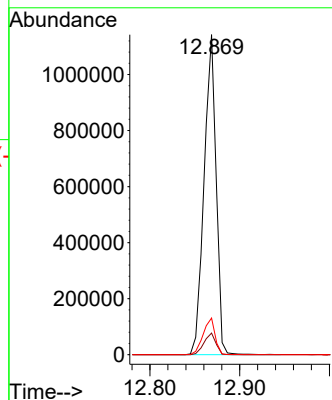


#79
 Terphenyl-d14
 Concen: 102.258 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

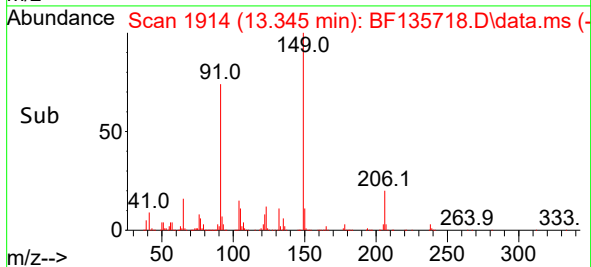
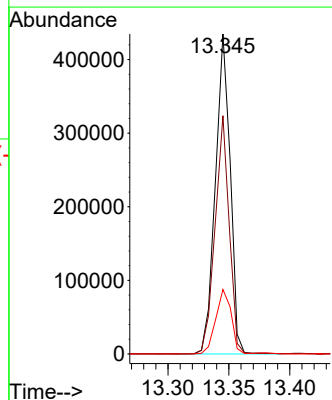
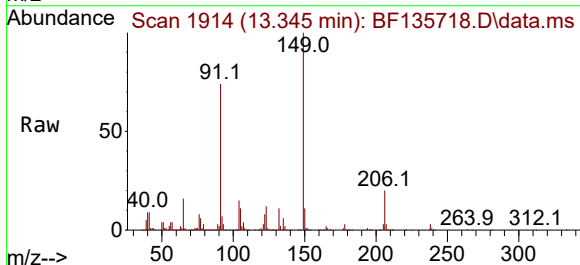


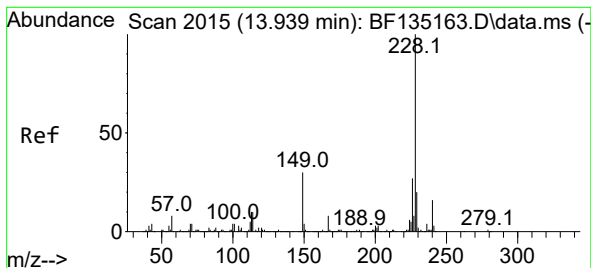
Tgt Ion:244 Resp: 1065104
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.5 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 67.822 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: BF135718.D
 Acq: 11 Oct 2023 17:43

Tgt Ion:149 Resp: 367089
 Ion Ratio Lower Upper
 149 100
 91 74.5 54.7 82.1
 206 20.1 16.3 24.5





#81

Benzo(a)anthracene

Concen: 64.001 ng

RT: 13.927 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

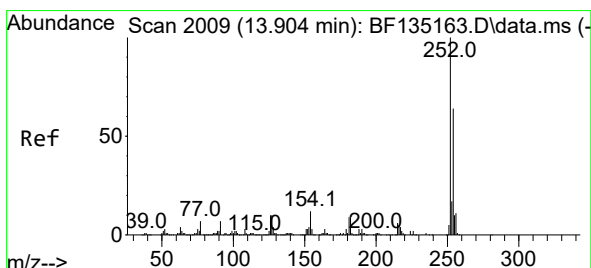
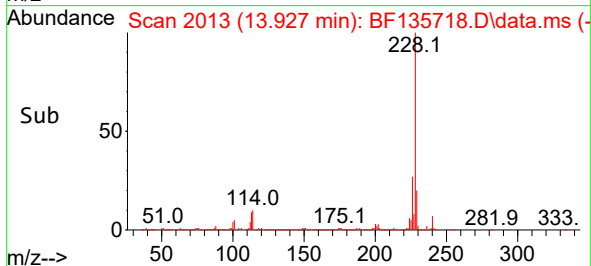
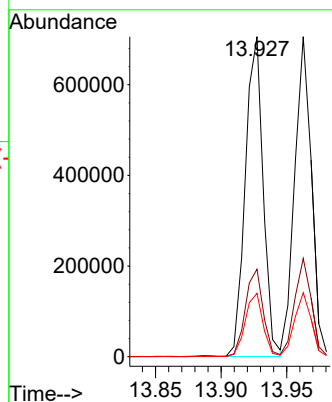
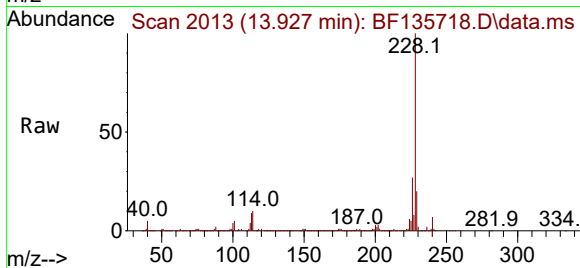
Tgt Ion:228 Resp: 667294

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 32.282 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

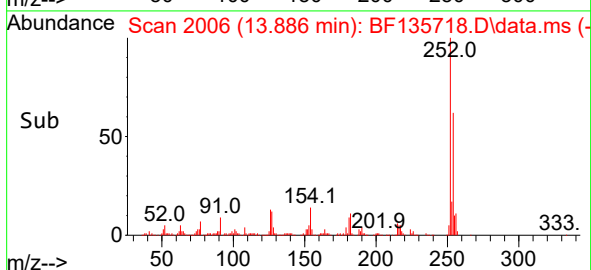
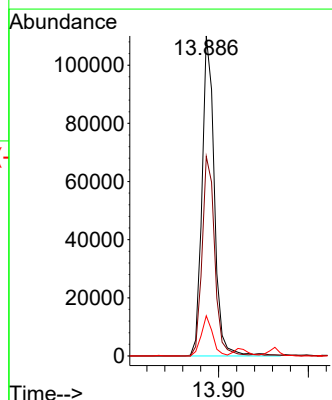
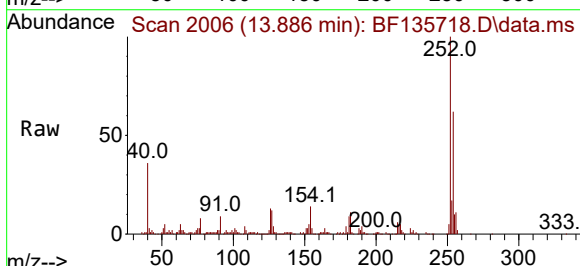
Tgt Ion:252 Resp: 105132

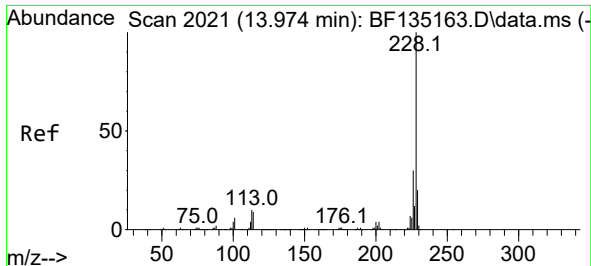
Ion Ratio Lower Upper

252 100

254 62.4 51.0 76.4

126 12.5 7.8 11.8#

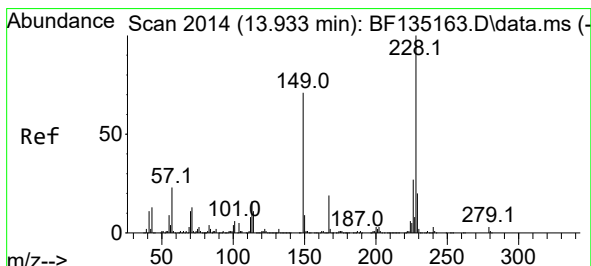
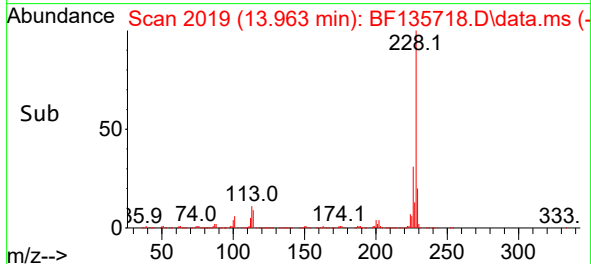
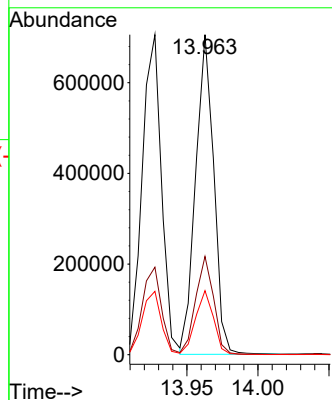
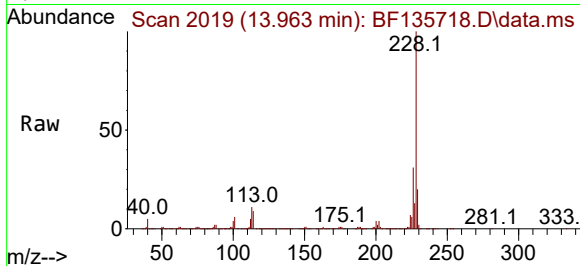




#83
Chrysene
Concen: 60.577 ng
RT: 13.963 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

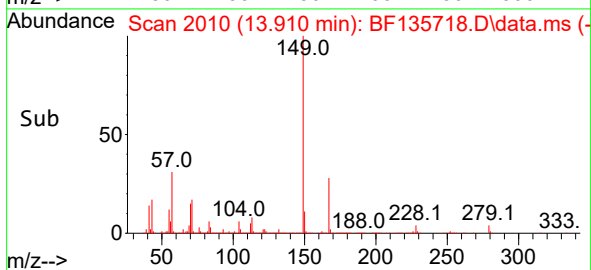
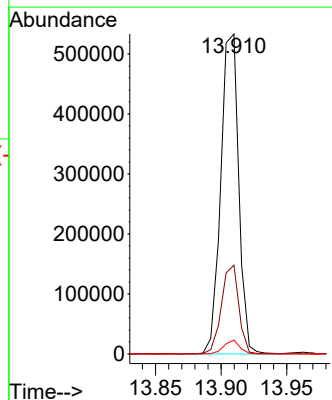
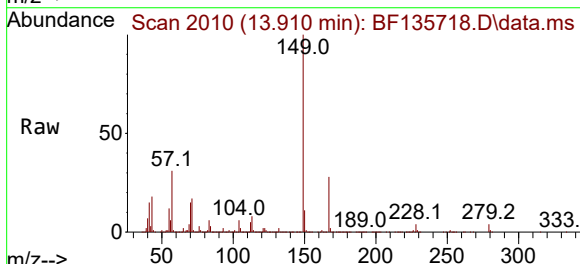
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

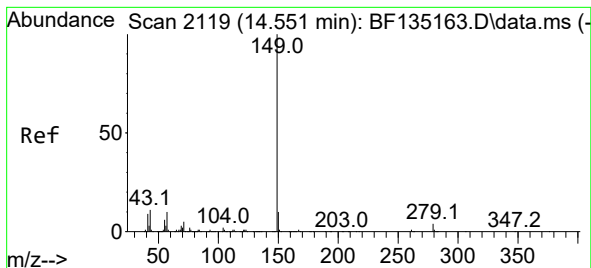
Tgt Ion:228 Resp: 627951
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 20.0 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 91.175 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:149 Resp: 506403
Ion Ratio Lower Upper
149 100
167 27.8 21.9 32.9
279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 88.477 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

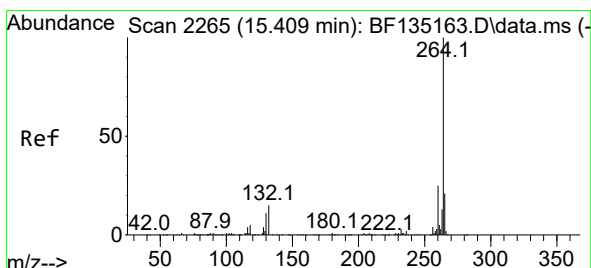
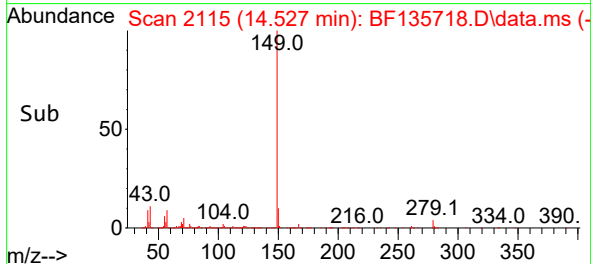
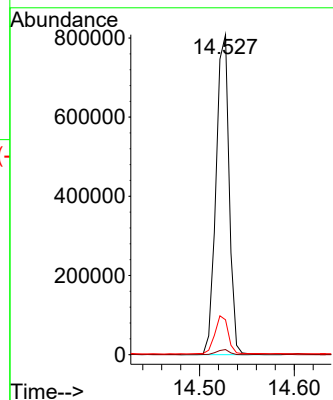
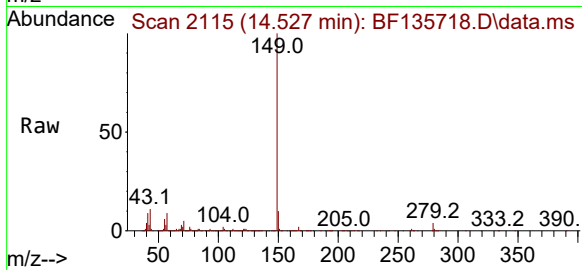
Tgt Ion:149 Resp: 780954

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.0 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

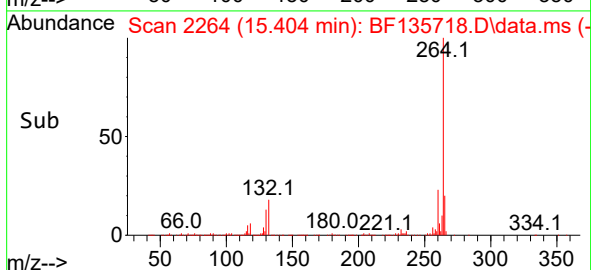
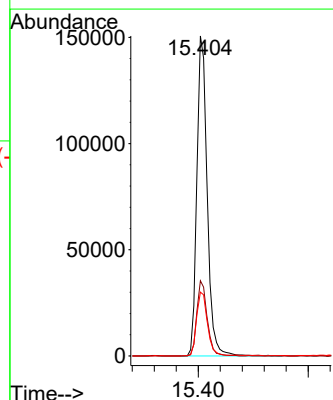
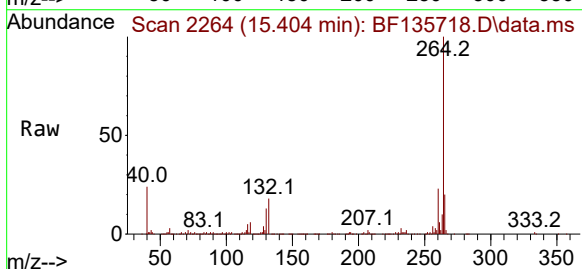
Tgt Ion:264 Resp: 196378

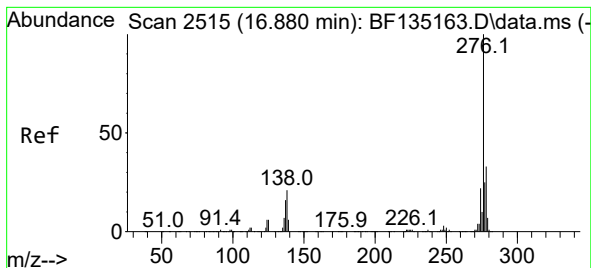
Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 19.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.086 ng

RT: 16.915 min Scan# 2192

Delta R.T. 0.012 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

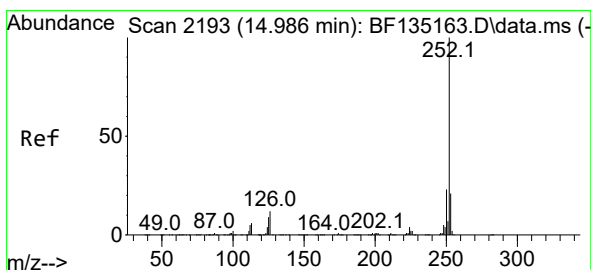
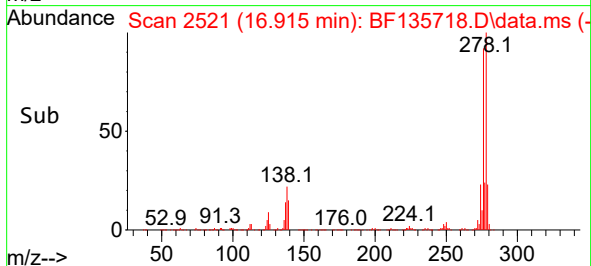
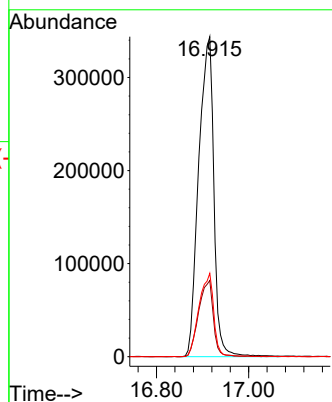
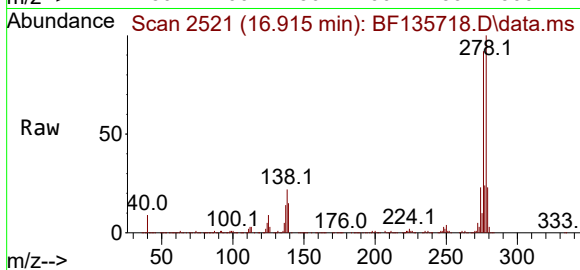
Tgt Ion:276 Resp: 786535

Ion Ratio Lower Upper

276 100

138 23.0 19.2 28.8

277 25.3 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 58.658 ng

RT: 14.980 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

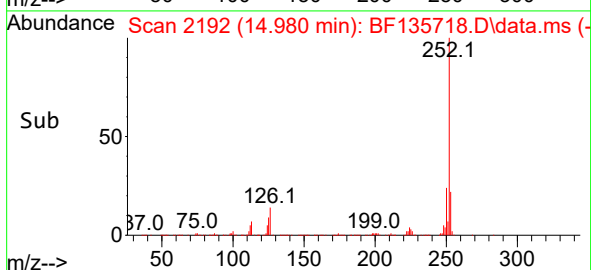
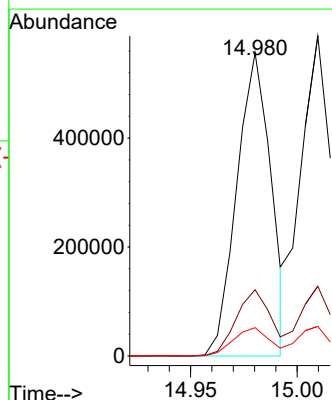
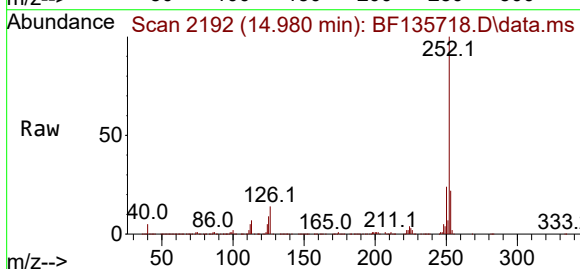
Tgt Ion:252 Resp: 623573

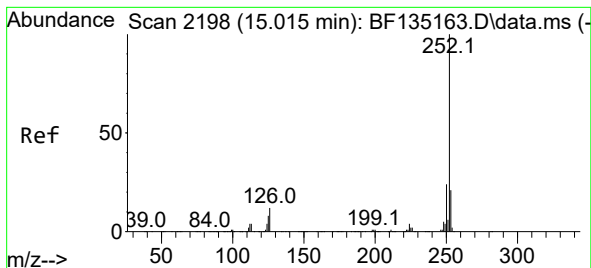
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 57.344 ng

RT: 15.010 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

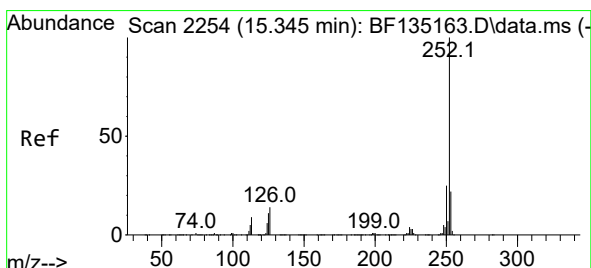
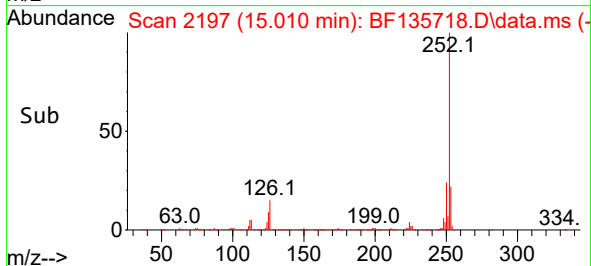
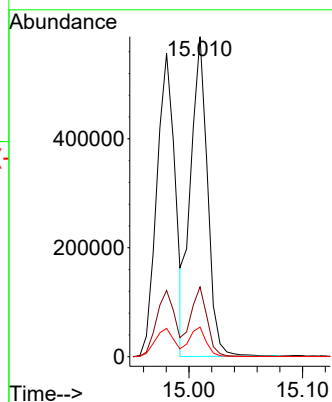
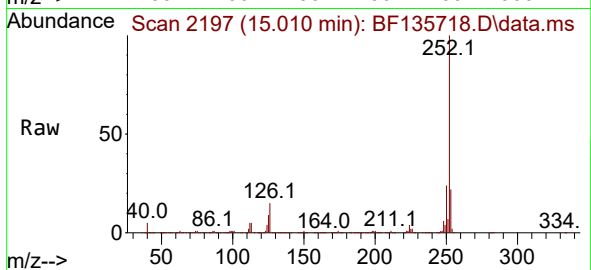
Tgt Ion:252 Resp: 602184

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 57.005 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF135718.D

Acq: 11 Oct 2023 17:43

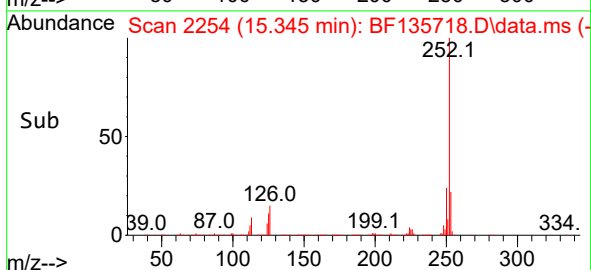
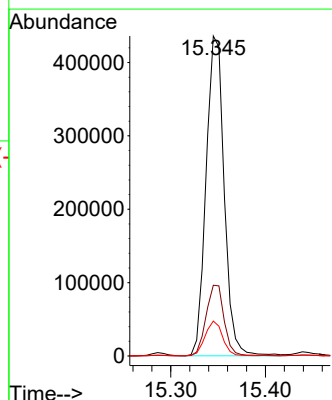
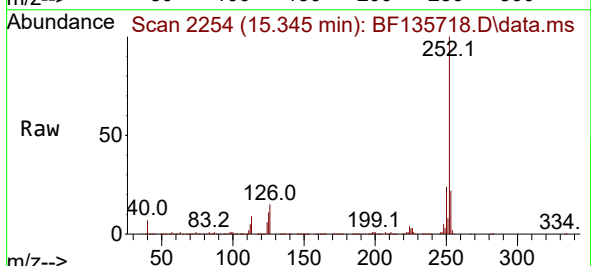
Tgt Ion:252 Resp: 577907

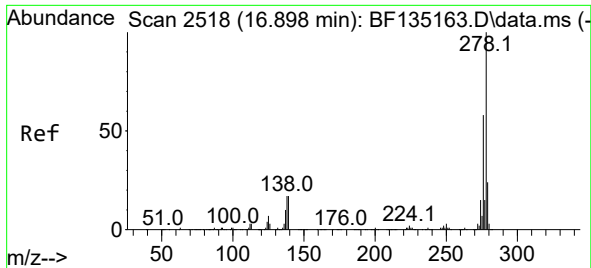
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.9 9.2 13.8

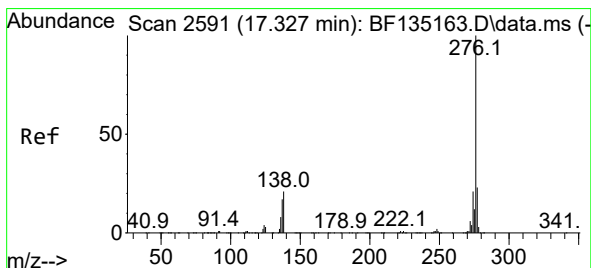
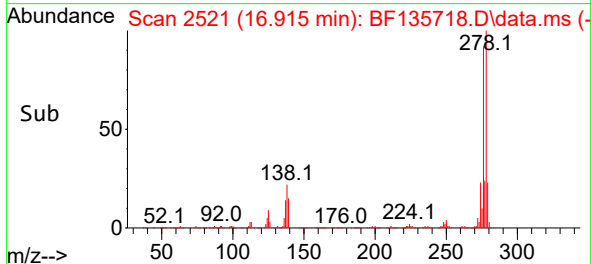
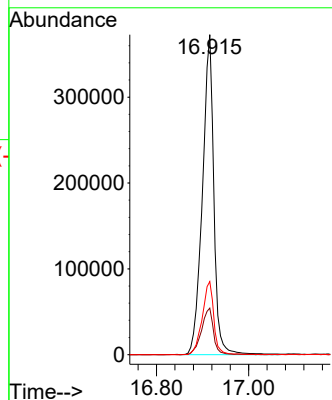
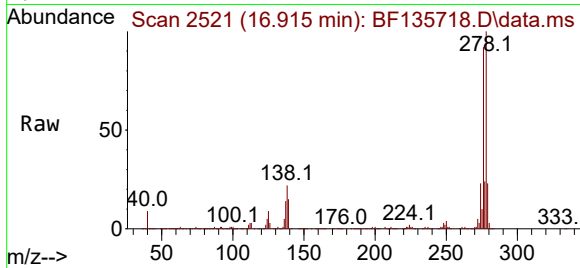




#91
Dibenzo(a,h)anthracene
Concen: 61.343 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tgt Ion:278 Resp: 646263
Ion Ratio Lower Upper
278 100
139 14.6 13.4 20.0
279 22.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 55.889 ng
RT: 17.357 min Scan# 2596
Delta R.T. 0.006 min
Lab File: BF135718.D
Acq: 11 Oct 2023 17:43

Tgt Ion:276 Resp: 614922
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 19.6 16.9 25.3

