

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF137004.D
 Acq On : 08 Jan 2024 20:04
 Operator : CG\JU
 Sample : P1051-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 340MS

Quant Time: Jan 09 00:42:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	64594	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	252220	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	122352	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	200631	20.000	ng	0.00
76) Chrysene-d12	13.968	240	114575	20.000	ng	0.00
86) Perylene-d12	15.456	264	130000	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	417772	100.914	ng	0.01
7) Phenol-d6	6.439	99	521754	97.264	ng	0.00
23) Nitrobenzene-d5	7.351	82	325388	66.016	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	131836	91.491	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	617207	67.848	ng	-0.01
79) Terphenyl-d14	12.904	244	465723	56.804	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	68196	39.536	ng	98
3) Pyridine	3.387	79	157484	37.419	ng	97
4) n-Nitrosodimethylamine	3.357	42	91430	40.681	ng	95
6) Aniline	6.451	93	189905	35.409	ng	# 23
8) 2-Chlorophenol	6.581	128	202216	44.635	ng	91
9) Benzaldehyde	6.339	77	33969	11.133	ng	98
10) Phenol	6.451	94	244803	42.750	ng	88
11) bis(2-Chloroethyl)ether	6.528	93	184761	42.426	ng	99
12) 1,3-Dichlorobenzene	6.728	146	206956	41.875	ng	96
13) 1,4-Dichlorobenzene	6.804	146	209642	41.515	ng	97
14) 1,2-Dichlorobenzene	6.951	146	199420	42.439	ng	99
15) Benzyl Alcohol	6.934	79	153673	42.463	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	289464	40.656	ng	81
17) 2-Methylphenol	7.051	107	156417	41.676	ng	94
18) Hexachloroethane	7.286	117	81070	44.205	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	147725	45.429	ng	94
20) 3+4-Methylphenols	7.204	107	200953	42.858	ng	# 68
22) Acetophenone	7.198	105	285920	45.227	ng	# 89
24) Nitrobenzene	7.369	77	196582	39.814	ng	97
25) Isophorone	7.610	82	370065	41.262	ng	97
26) 2-Nitrophenol	7.686	139	105288	44.570	ng	98
27) 2,4-Dimethylphenol	7.728	122	154717	53.796	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	226990	41.637	ng	98
29) 2,4-Dichlorophenol	7.933	162	158946	42.928	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	171340	41.533	ng	99
31) Naphthalene	8.086	128	581665	41.978	ng	99
32) Benzoic acid	7.875	122	108276	38.910	ng	90
33) 4-Chloroaniline	8.139	127	85103	16.635	ng	96
34) Hexachlorobutadiene	8.198	225	100361	40.041	ng	99
35) Caprolactam	8.522	113	39936	32.695	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	170151	40.820	ng	96
37) 2-Methylnaphthalene	8.775	142	362702	40.673	ng	98
38) 1-Methylnaphthalene	8.875	142	350210	40.029	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	178977	47.234	ng	98
41) Hexachlorocyclopentadiene	8.922	237	81686	68.370	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	109975	45.256	ng	98

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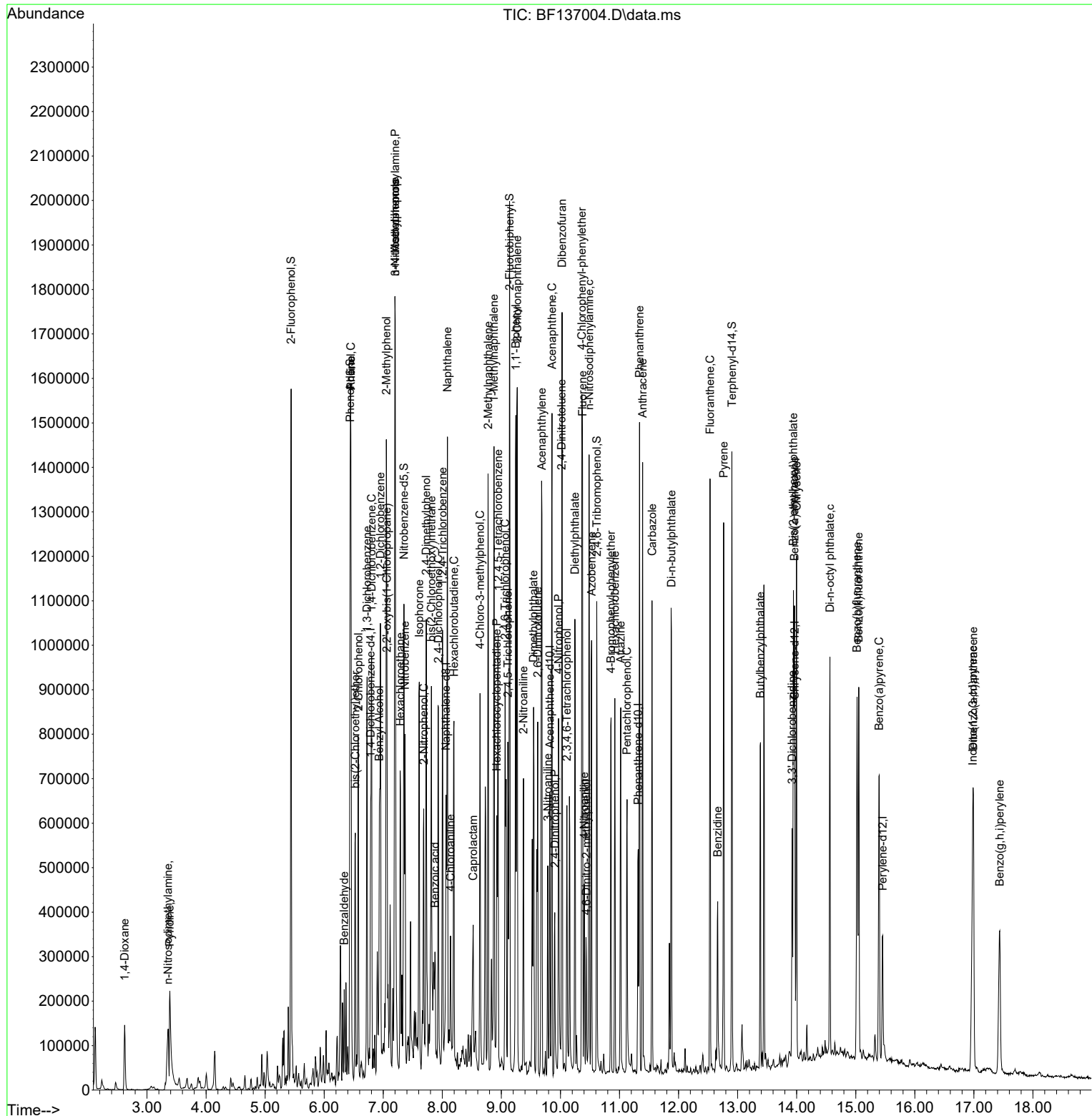
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	115760	42.748	ng	92
46) 1,1'-Biphenyl	9.245	154	472745	46.044	ng	98
47) 2-Chloronaphthalene	9.269	162	323974	41.507	ng	99
48) 2-Nitroaniline	9.375	65	104186	42.626	ng	90
49) Acenaphthylene	9.686	152	560625	46.992	ng	98
50) Dimethylphthalate	9.545	163	393293	44.008	ng	99
51) 2,6-Dinitrotoluene	9.616	165	84281	41.554	ng	95
52) Acenaphthene	9.857	154	314751	42.561	ng	99
53) 3-Nitroaniline	9.786	138	65716	30.586	ng	93
54) 2,4-Dinitrophenol	9.904	184	56655	51.783	ng	96
55) Dibenzofuran	10.027	168	474720	42.347	ng	100
56) 4-Nitrophenol	9.969	139	91021	62.756	ng	95
57) 2,4-Dinitrotoluene	10.022	165	104649	39.745	ng	93
58) Fluorene	10.374	166	376507	42.328	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	77290	37.078	ng	90
60) Diethylphthalate	10.245	149	391270	42.196	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	181576	41.997	ng	98
62) 4-Nitroaniline	10.404	138	72775	35.136	ng	93
63) Azobenzene	10.527	77	348116	40.195	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	40880	35.554	ng	80
66) n-Nitrosodiphenylamine	10.486	169	327472	50.246	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	103834	46.601	ng	94
68) Hexachlorobenzene	10.921	284	110244	44.398	ng	96
69) Atrazine	11.021	200	97763	58.647	ng	98
70) Pentachlorophenol	11.127	266	84594	73.090	ng	97
71) Phenanthrene	11.339	178	510795	49.618	ng	100
72) Anthracene	11.392	178	473723	45.439	ng	99
73) Carbazole	11.551	167	406793	41.385	ng	100
74) Di-n-butylphthalate	11.880	149	546391	45.554	ng	99
75) Fluoranthene	12.533	202	502048	45.593	ng	98
77) Benzidine	12.663	184	177133	52.432	ng	99
78) Pyrene	12.763	202	487674	43.359	ng	99
80) Butylbenzylphthalate	13.386	149	179730	43.916	ng	94
81) Benzo(a)anthracene	13.962	228	393423	49.450	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	109350	48.397	ng	99
83) Chrysene	13.998	228	359783	46.244	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	249098	48.375	ng	98
85) Di-n-octyl phthalate	14.562	149	422162	53.001	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	373482	39.791	ng	100
88) Benzo(b)fluoranthene	15.021	252	420949	48.481	ng	98
89) Benzo(k)fluoranthene	15.051	252	319074	38.890	ng	99
90) Benzo(a)pyrene	15.398	252	341714	46.624	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	299552	38.901	ng	98
92) Benzo(g,h,i)perylene	17.439	276	286772	36.361	ng	98

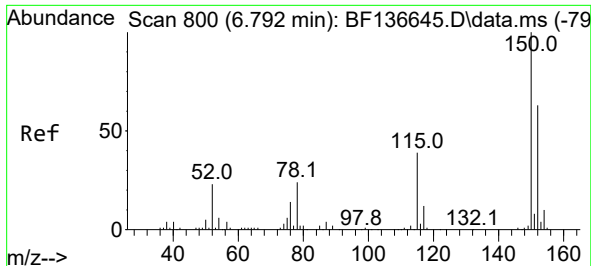
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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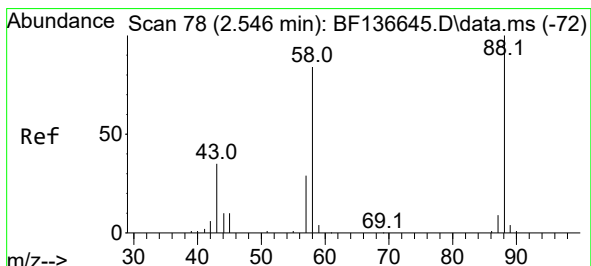
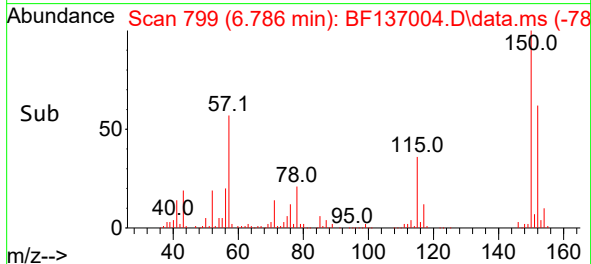
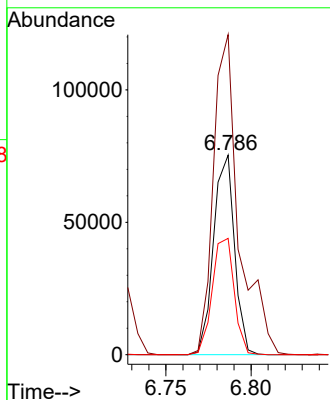
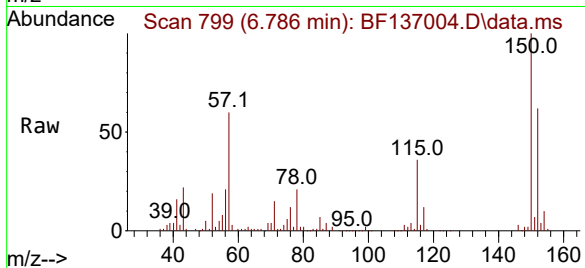




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF137004.D
 Acq: 08 Jan 2024 20:04

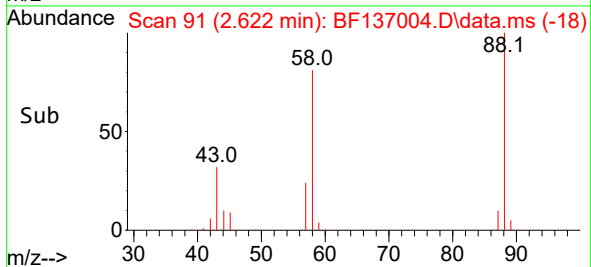
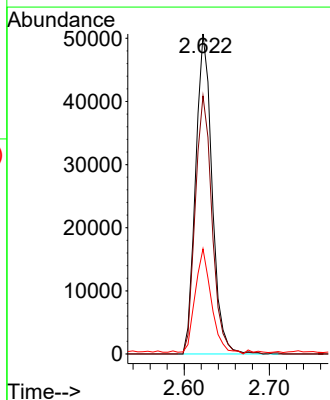
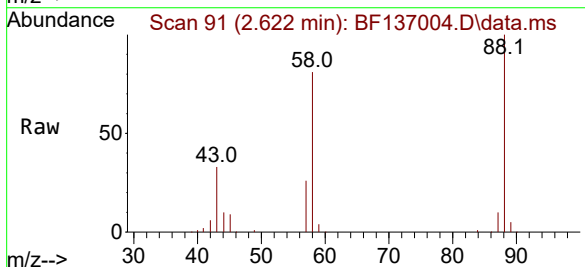
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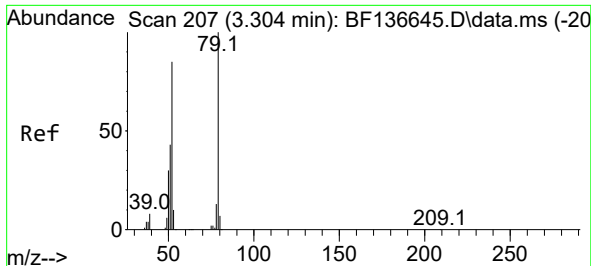
Tgt Ion: 152 Resp: 64594
 Ion Ratio Lower Upper
 152 100
 150 160.4 127.0 190.6
 115 58.3 49.0 73.4



#2
 1,4-Dioxane
 Concen: 39.536 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.076 min
 Lab File: BF137004.D
 Acq: 08 Jan 2024 20:04

Tgt Ion: 88 Resp: 68196
 Ion Ratio Lower Upper
 88 100
 58 82.2 67.4 101.0
 43 32.8 27.7 41.5

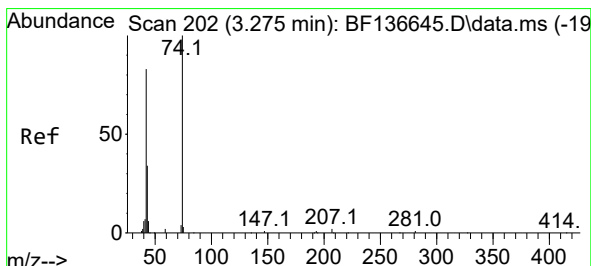
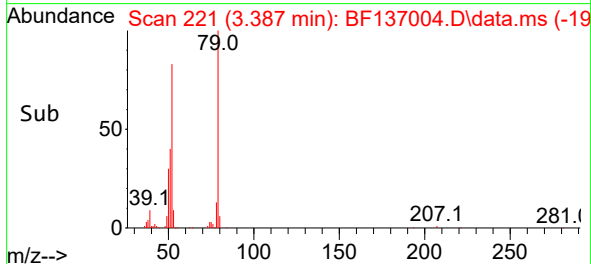
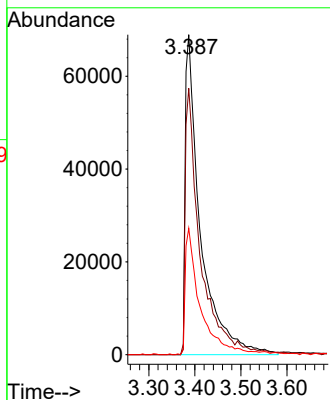
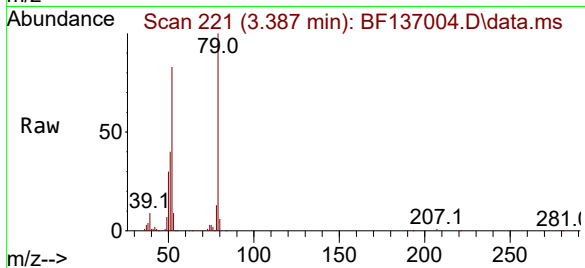




#3
Pyridine
Concen: 37.419 ng
RT: 3.387 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

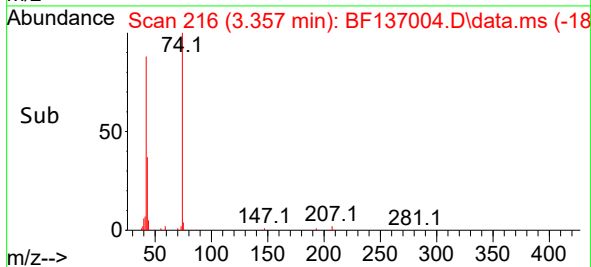
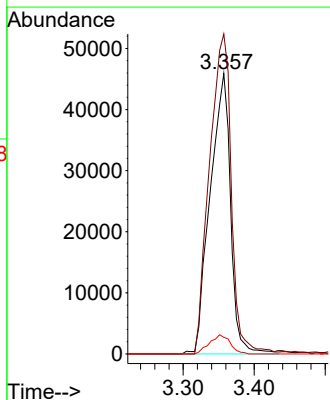
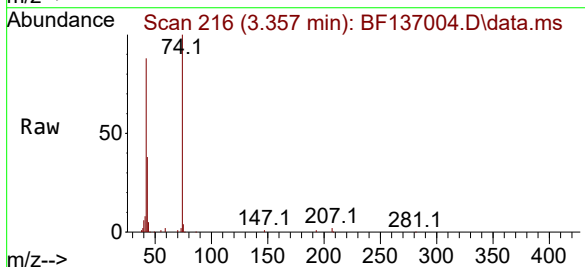
Instrument :
BNA_F
ClientSampleId :
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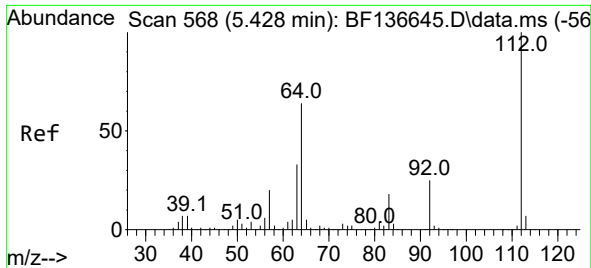
Tgt Ion: 79 Resp: 157484
Ion Ratio Lower Upper
79 100
52 83.2 67.7 101.5
51 39.5 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 40.681 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion: 42 Resp: 91430
Ion Ratio Lower Upper
42 100
74 114.1 96.0 144.0
44 5.9 5.4 8.2

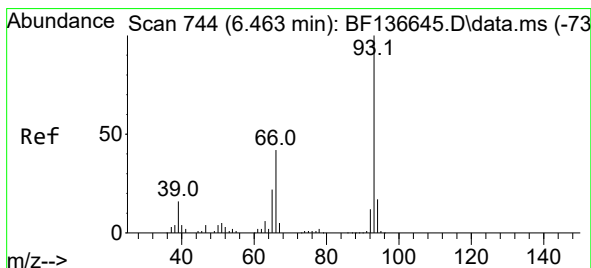
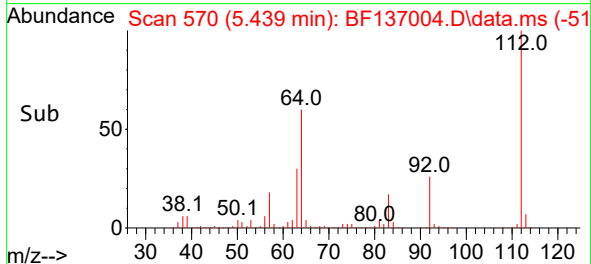
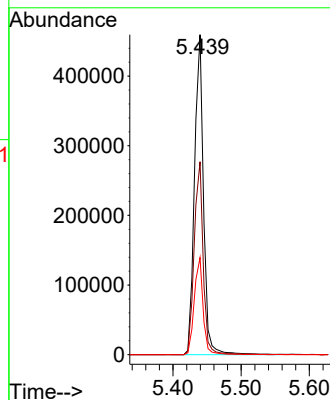
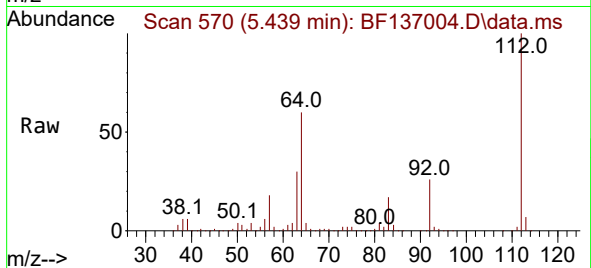




#5
2-Fluorophenol
Concen: 100.914 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

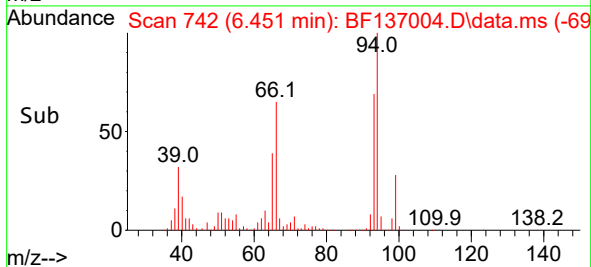
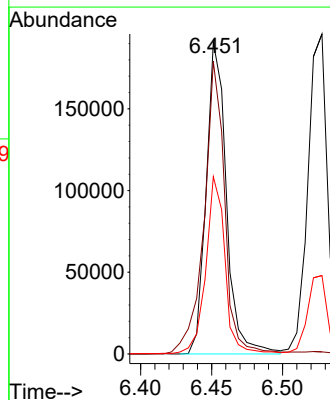
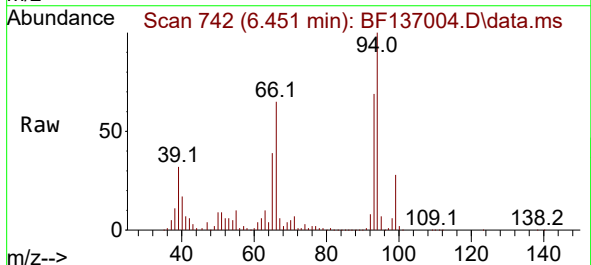
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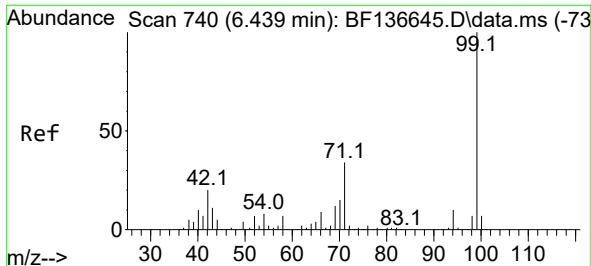
Tgt Ion:112 Resp: 417772
Ion Ratio Lower Upper
112 100
64 60.3 51.1 76.7
63 30.4 26.1 39.1



#6
Aniline
Concen: 35.409 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion: 93 Resp: 189905
Ion Ratio Lower Upper
93 100
66 93.8 34.6 51.8#
65 56.8 17.8 26.8#

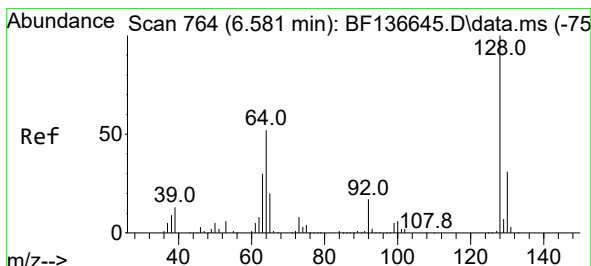
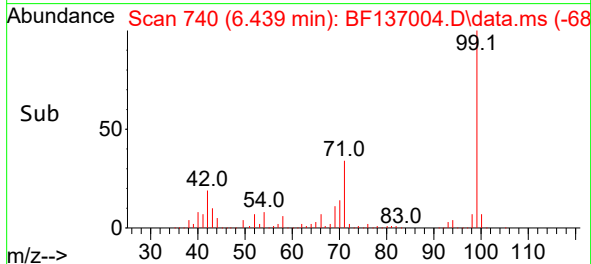
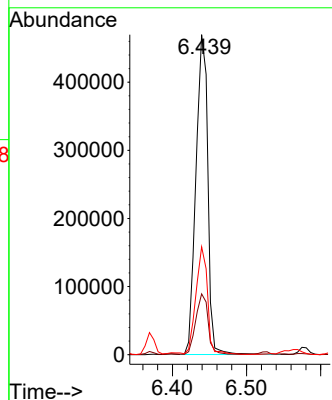
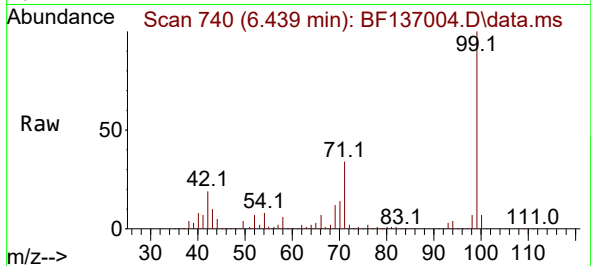




#7
Phenol-d6
Concen: 97.264 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

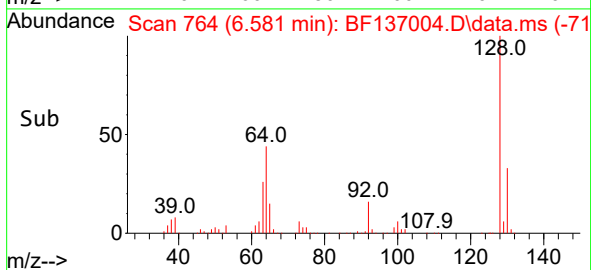
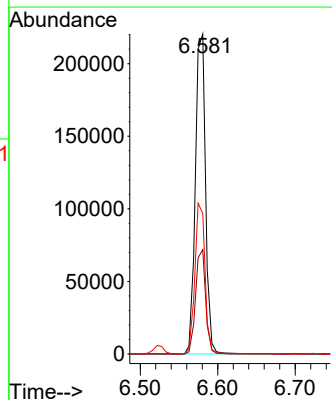
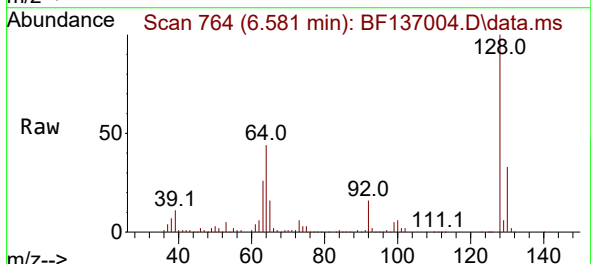
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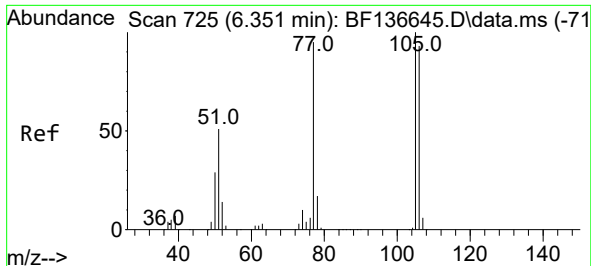
Tgt Ion: 99 Resp: 521754
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 33.7 27.4 41.2



#8
2-Chlorophenol
Concen: 44.635 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

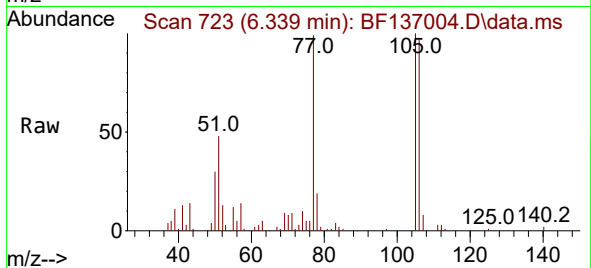
Tgt Ion:128 Resp: 202216
Ion Ratio Lower Upper
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130 32.6 11.3 51.3
64 43.9 32.5 72.5



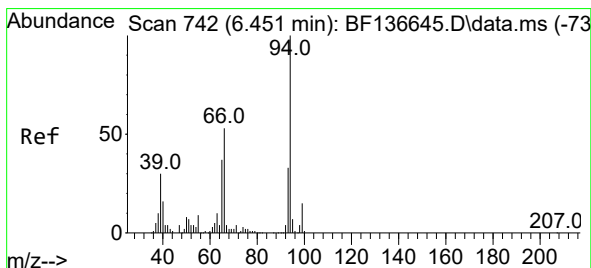
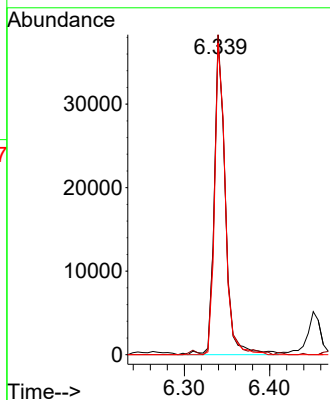
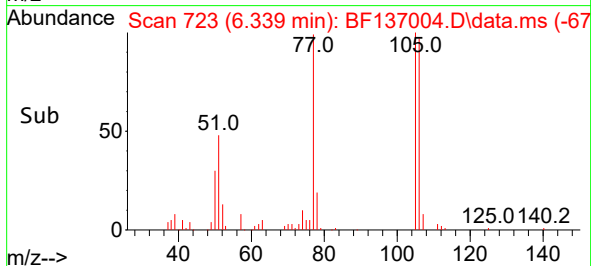


#9
Benzaldehyde
Concen: 11.133 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
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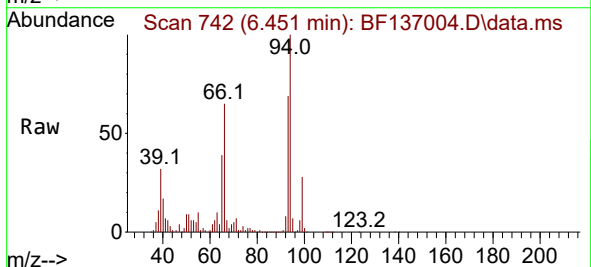
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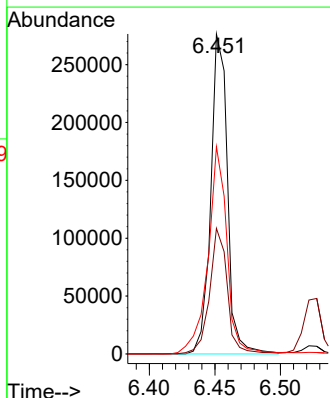
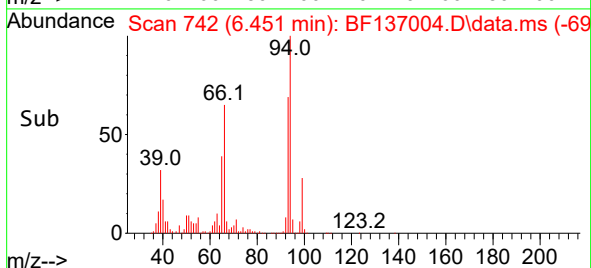
Tgt Ion: 77 Resp: 33969
Ion Ratio Lower Upper
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106 98.7 77.8 117.8

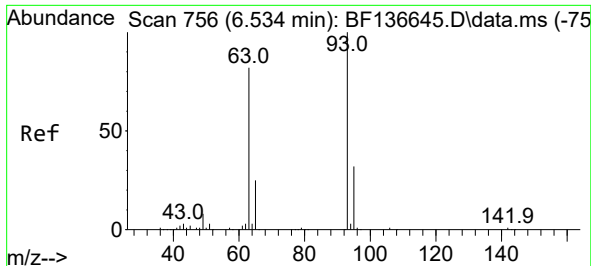


#10
Phenol
Concen: 42.750 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04



Tgt Ion: 94 Resp: 244803
Ion Ratio Lower Upper
94 100
65 39.3 16.6 56.6
66 64.8 32.6 72.6

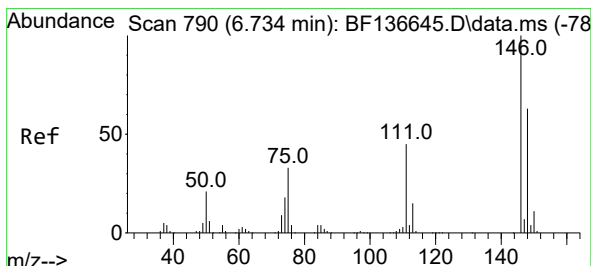
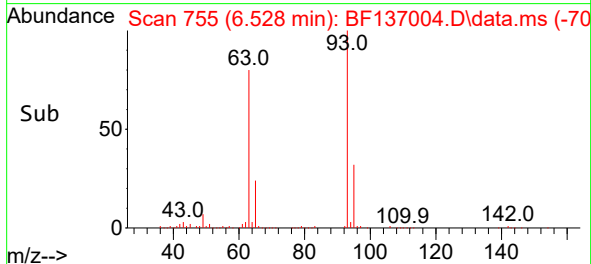
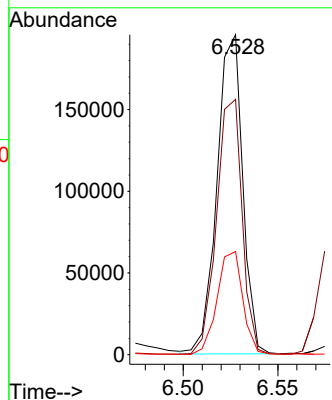
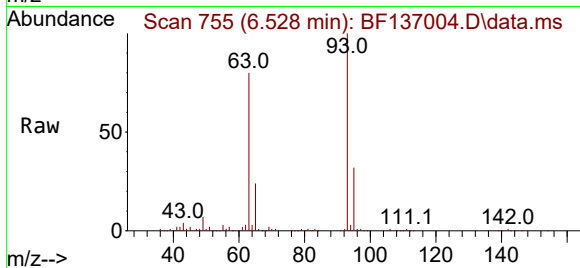




#11
bis(2-Chloroethyl)ether
Concen: 42.426 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

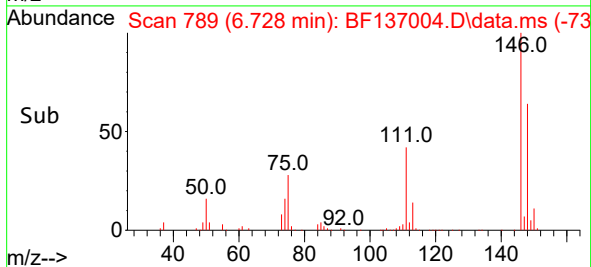
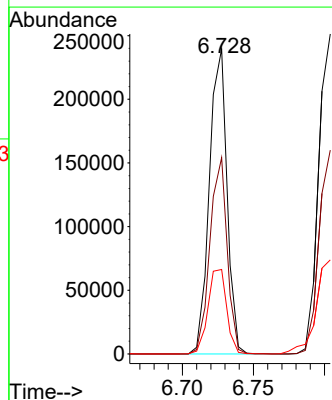
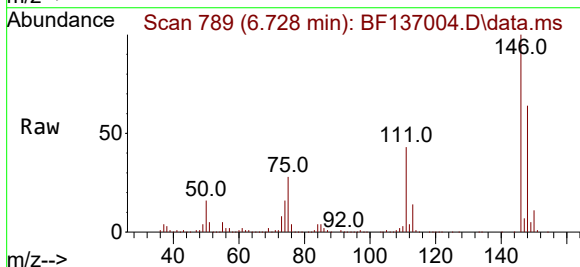
Instrument :
BNA_F
ClientSampleId :
340MS

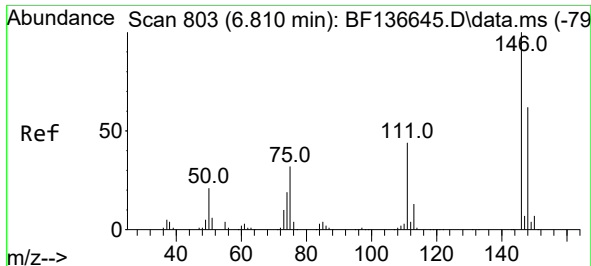
Tgt Ion: 93 Resp: 184761
Ion Ratio Lower Upper
93 100
63 79.8 61.2 101.2
95 32.3 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 41.875 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:146 Resp: 206956
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
75 27.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 41.515 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

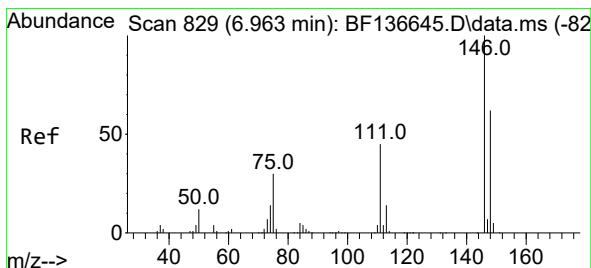
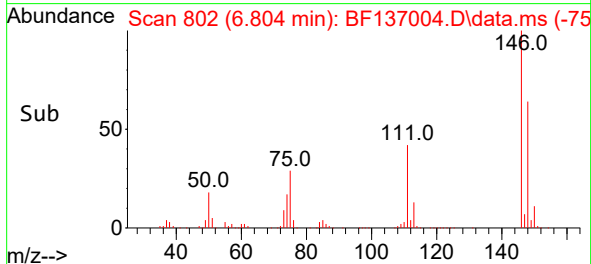
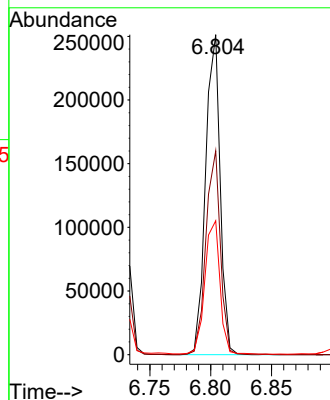
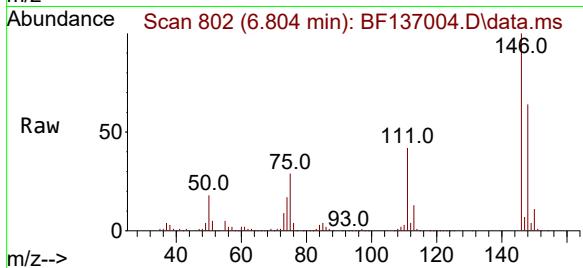
Tgt Ion:146 Resp: 209642

Ion Ratio Lower Upper

146 100

148 63.7 49.2 73.8

111 41.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 42.439 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

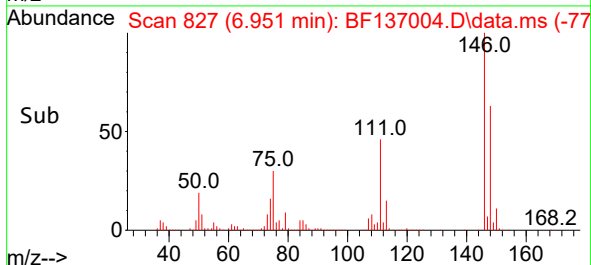
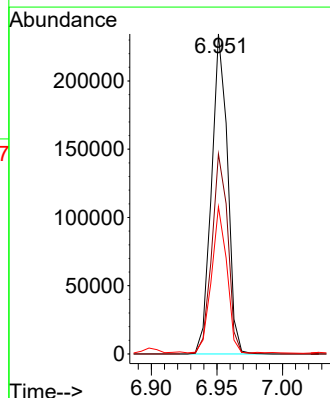
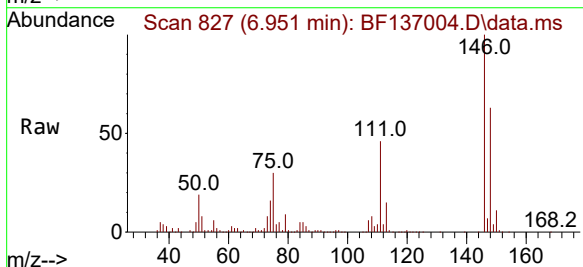
Tgt Ion:146 Resp: 199420

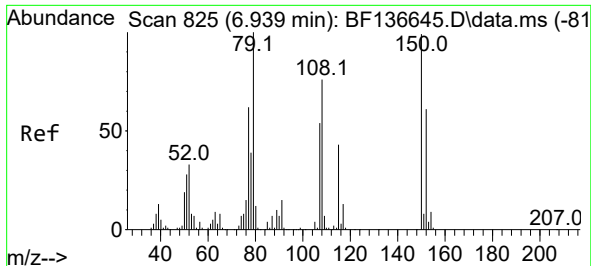
Ion Ratio Lower Upper

146 100

148 62.5 49.6 74.4

111 46.0 36.2 54.2

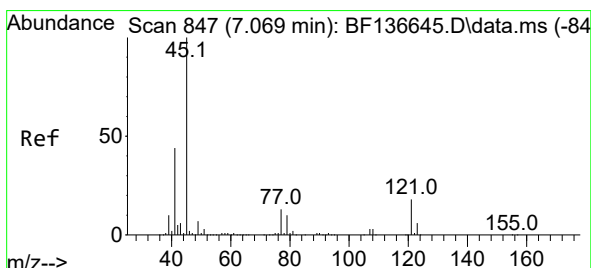
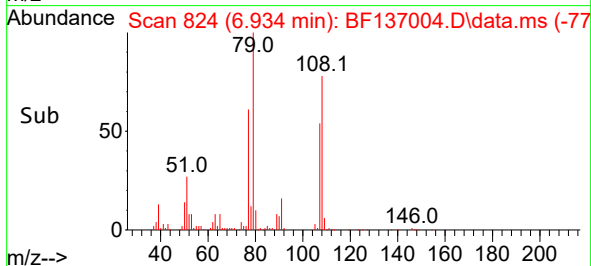
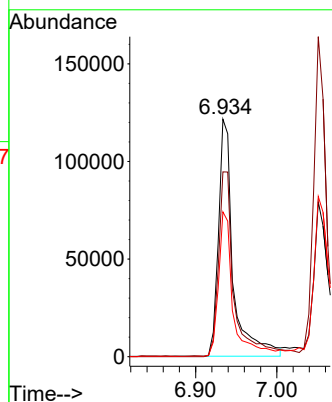
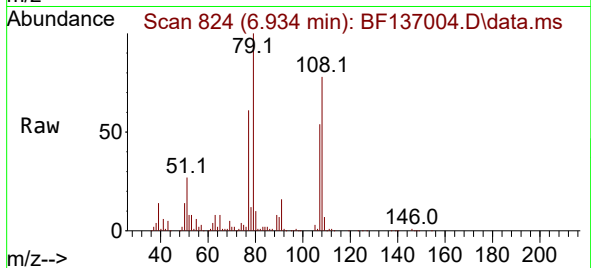




#15
Benzyl Alcohol
Concen: 42.463 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

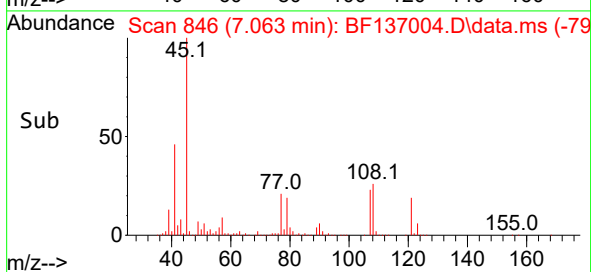
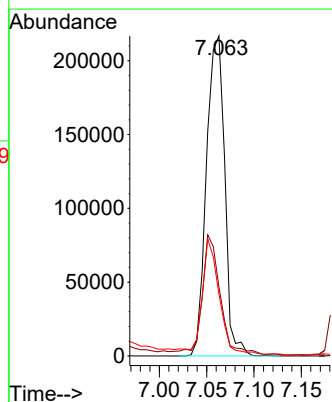
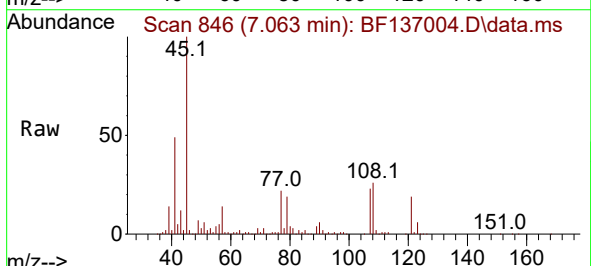
Instrument :
BNA_F
ClientSampleId :
340MS

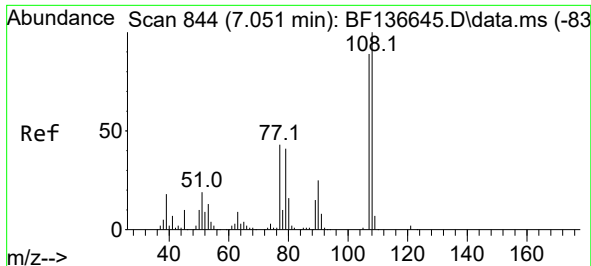
Tgt Ion: 79 Resp: 153673
Ion Ratio Lower Upper
79 100
108 77.9 61.0 91.6
77 61.0 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.656 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion: 45 Resp: 289464
Ion Ratio Lower Upper
45 100
77 21.6 0.0 34.3
79 19.3 0.0 31.4

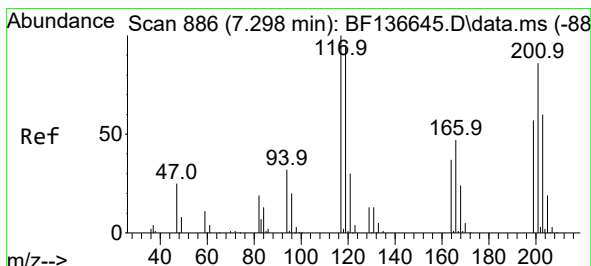
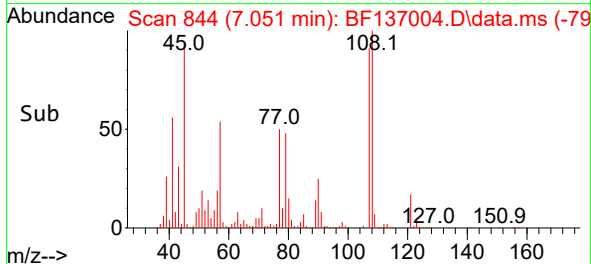
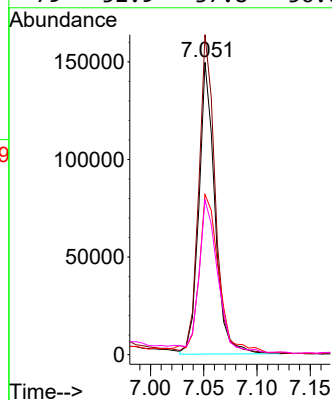
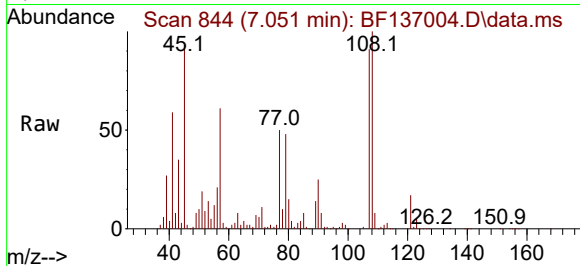




#17
2-Methylphenol
Concen: 41.676 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

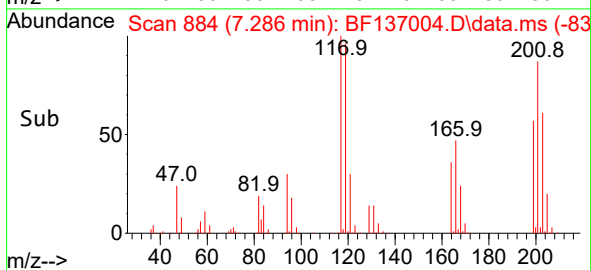
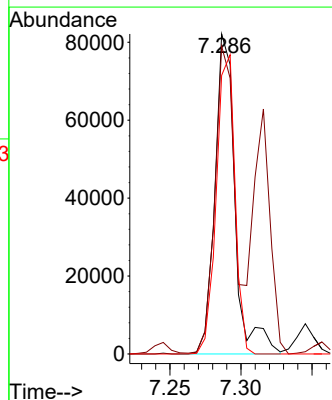
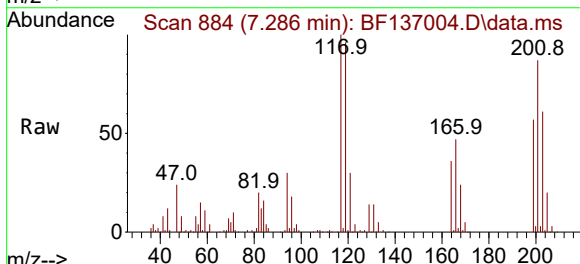
Instrument :
BNA_F
ClientSampleId :
340MS

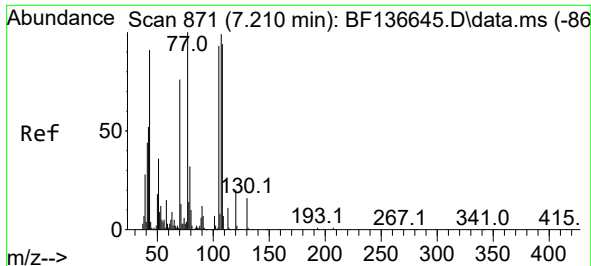
Tgt Ion:	107	Resp:	156417
Ion	Ratio	Lower	Upper
107	100		
108	109.4	90.3	135.5
77	54.8	38.7	58.1
79	52.9	37.8	56.6



#18
Hexachloroethane
Concen: 44.205 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:	117	Resp:	81070
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.6
201	87.1	69.1	103.7

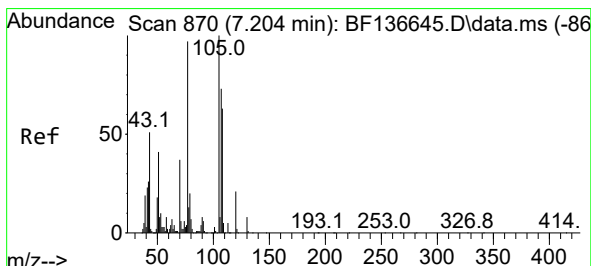
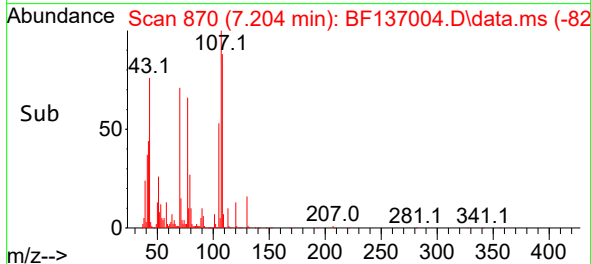
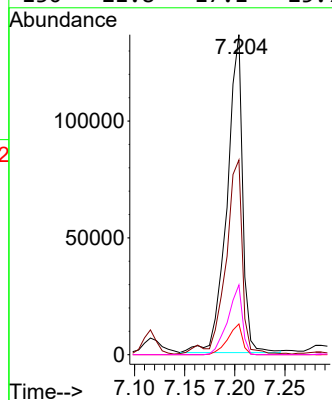
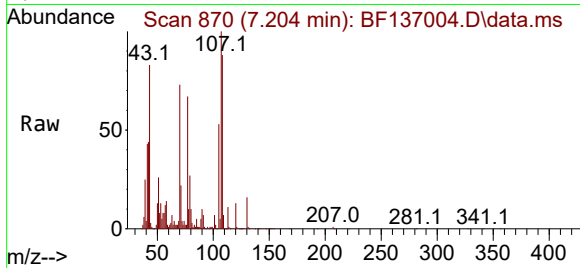




#19
n-Nitroso-di-n-propylamine
Concen: 45.429 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

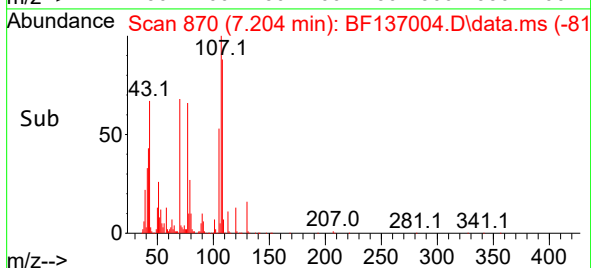
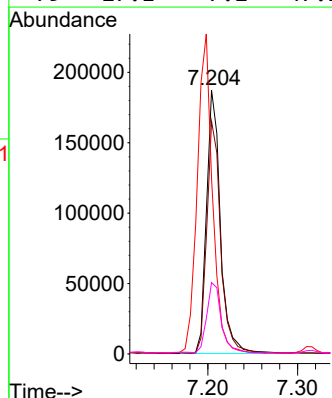
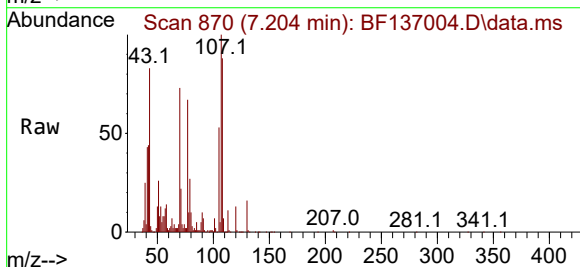
Instrument :
BNA_F
ClientSampleId :
340MS

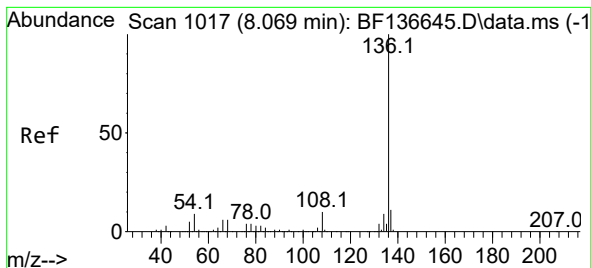
Tgt Ion: 70 Resp: 147725
Ion Ratio Lower Upper
70 100
42 60.8 54.2 81.4
101 9.6 7.6 11.4
130 21.8 17.1 25.7



#20
3+4-Methylphenols
Concen: 42.858 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion: 107 Resp: 200953
Ion Ratio Lower Upper
107 100
108 88.2 66.0 106.0
77 66.5 114.2 154.2#
79 27.1 7.2 47.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

Tgt Ion:136 Resp: 252220

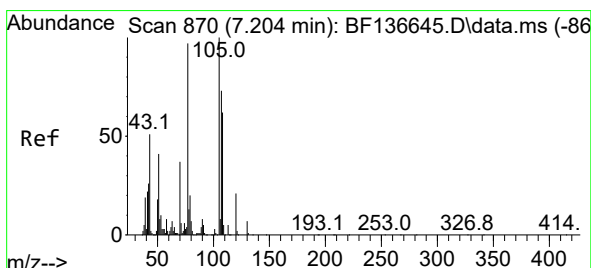
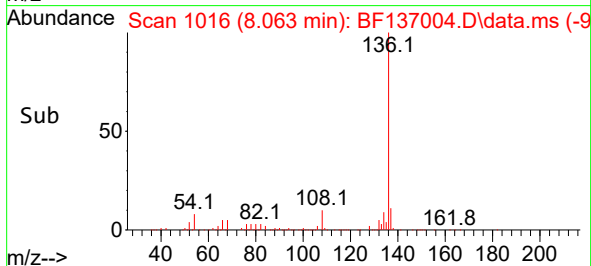
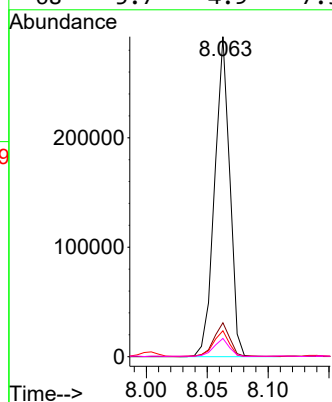
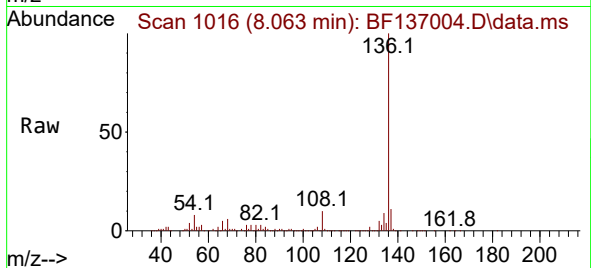
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 8.1 7.2 10.8

68 5.7 4.9 7.3



#22

Acetophenone

Concen: 45.227 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Tgt Ion:105 Resp: 285920

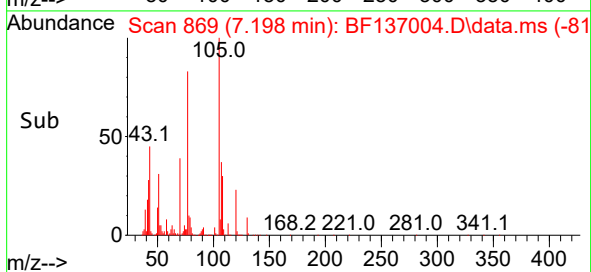
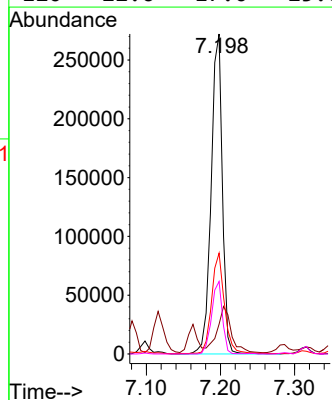
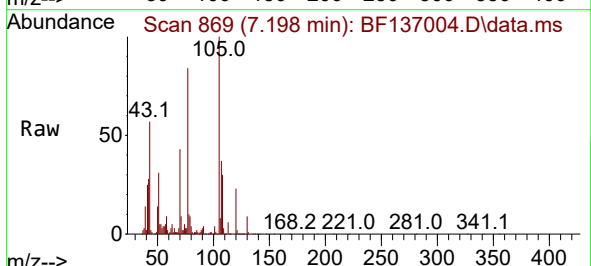
Ion Ratio Lower Upper

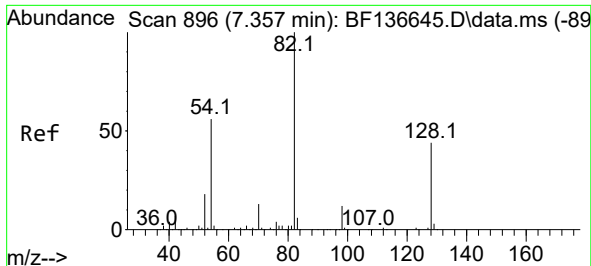
105 100

71 9.3 4.8 7.2#

51 31.5 32.8 49.2#

120 22.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 66.016 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

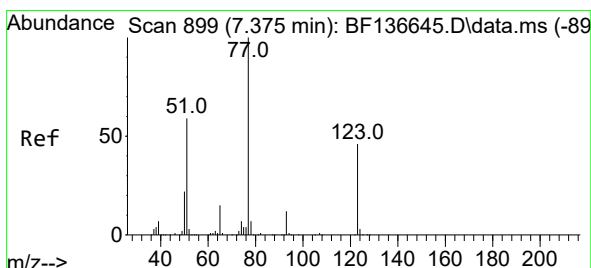
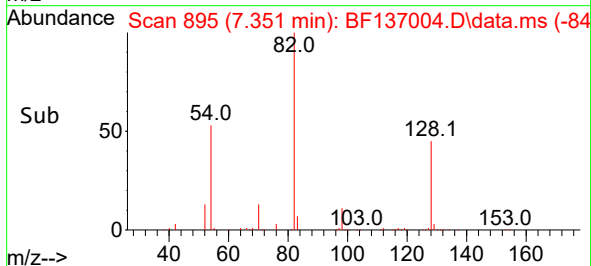
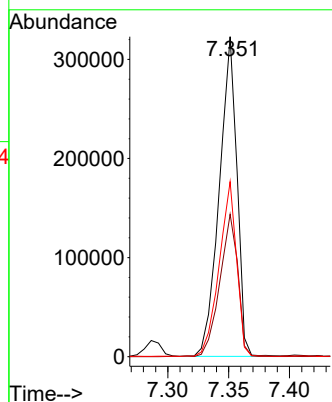
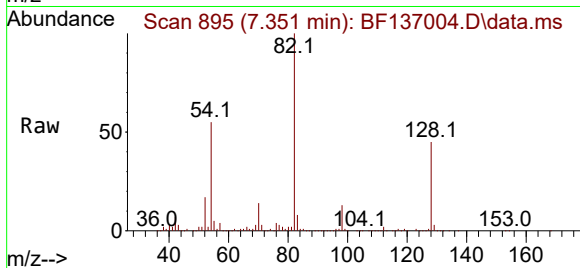
Tgt Ion: 82 Resp: 325388

Ion Ratio Lower Upper

82 100

128 44.5 35.3 52.9

54 54.7 44.5 66.7



#24

Nitrobenzene

Concen: 39.814 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

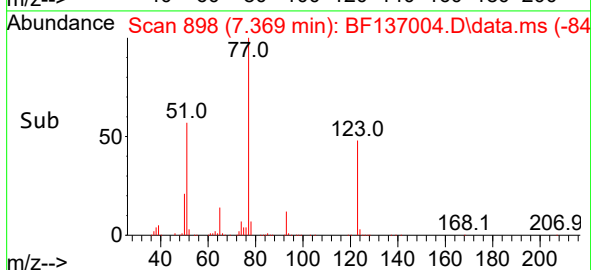
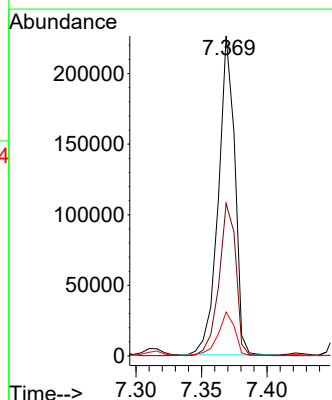
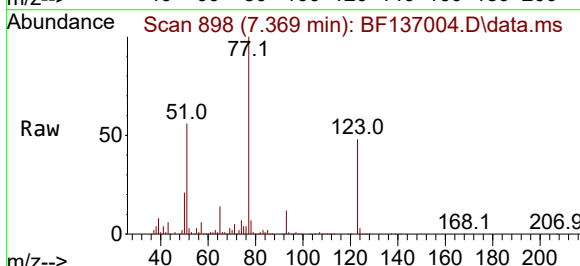
Tgt Ion: 77 Resp: 196582

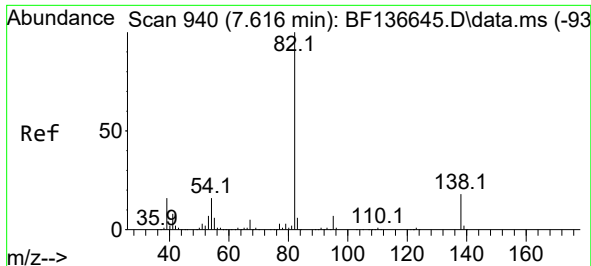
Ion Ratio Lower Upper

77 100

123 47.7 36.7 55.1

65 13.7 11.8 17.6

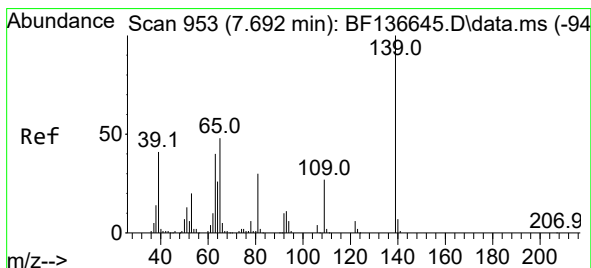
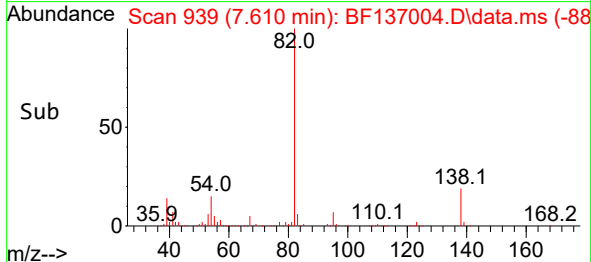
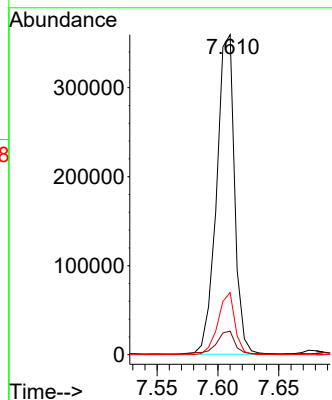
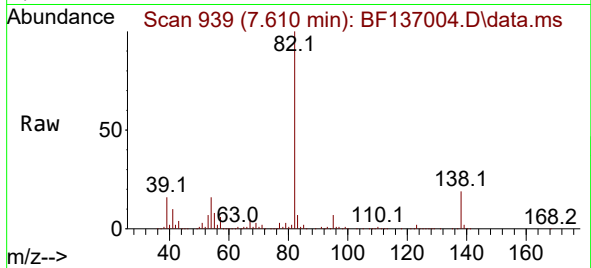




#25
Isophorone
Concen: 41.262 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

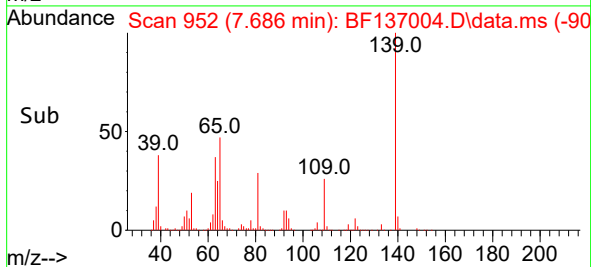
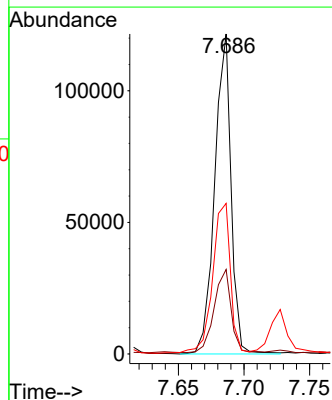
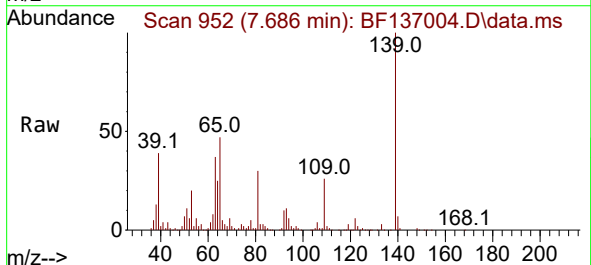
Instrument :
BNA_F
ClientSampleId :
340MS

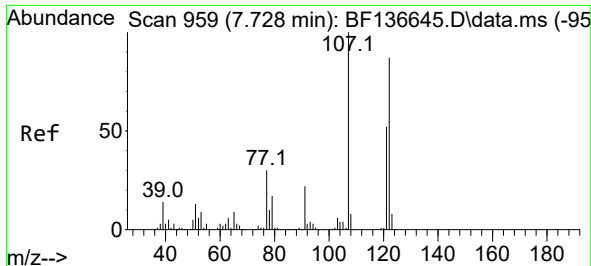
Tgt Ion: 82 Resp: 370065
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 19.4 14.5 21.7



#26
2-Nitrophenol
Concen: 44.570 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion: 139 Resp: 105288
Ion Ratio Lower Upper
139 100
109 26.4 21.9 32.9
65 47.1 38.6 58.0

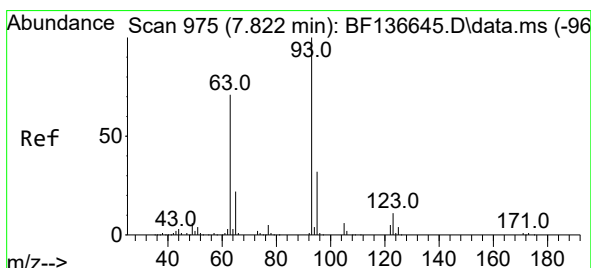
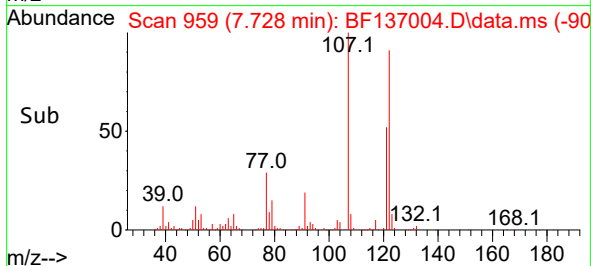
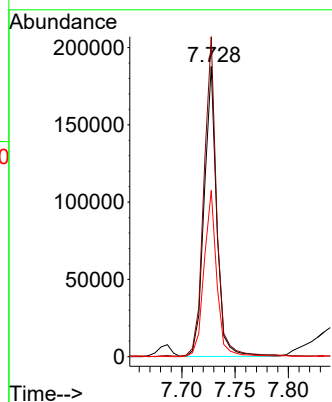
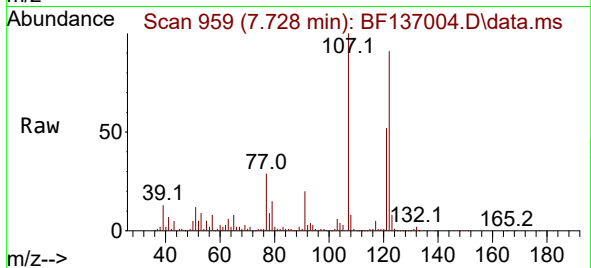




#27
2,4-Dimethylphenol
Concen: 53.796 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

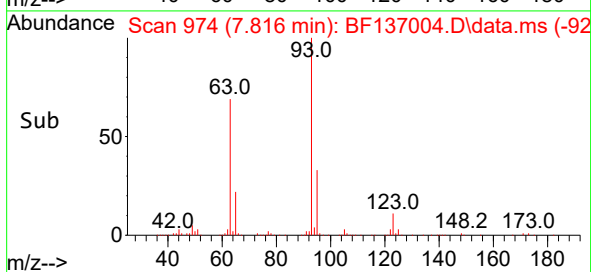
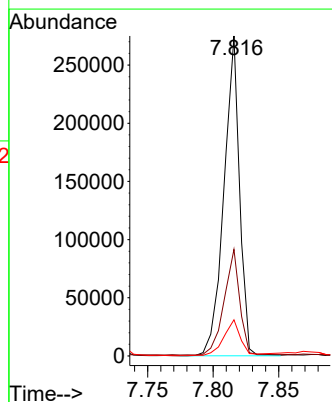
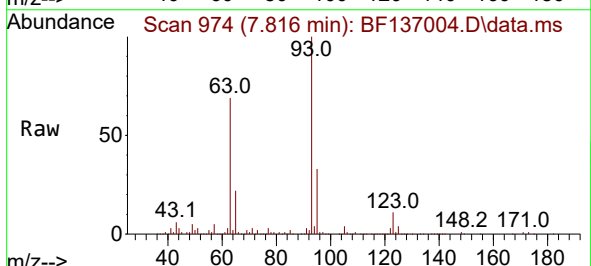
Instrument :
BNA_F
ClientSampleId :
340MS

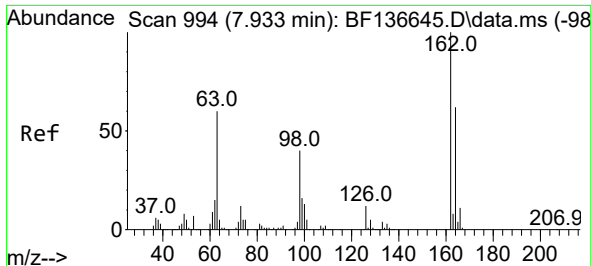
Tgt Ion:122 Resp: 154717
Ion Ratio Lower Upper
122 100
107 110.3 92.0 138.0
121 57.3 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.637 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion: 93 Resp: 226990
Ion Ratio Lower Upper
93 100
95 33.3 25.5 38.3
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.928 ng

RT: 7.933 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

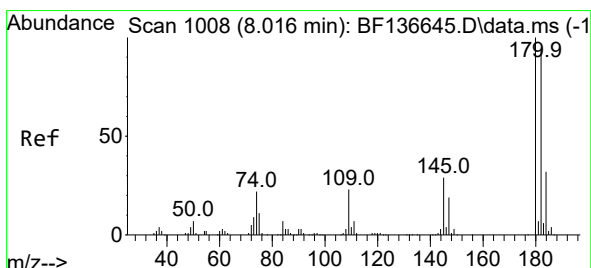
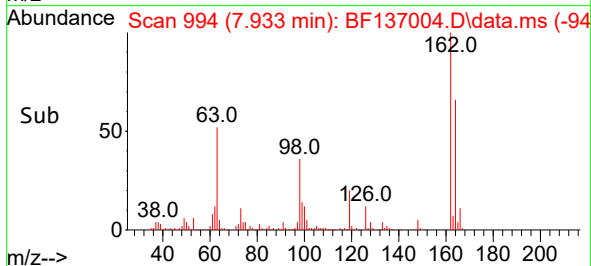
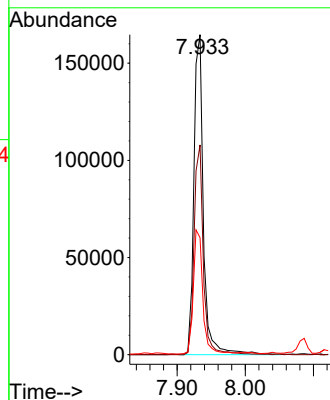
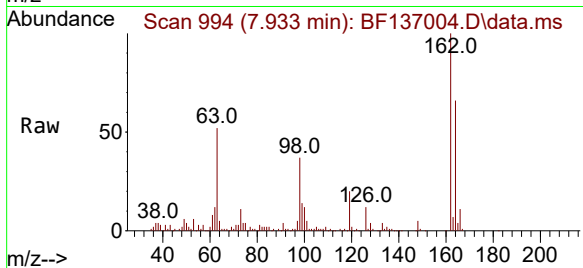
Tgt Ion:162 Resp: 158946

Ion Ratio Lower Upper

162 100

164 65.5 41.7 81.7

98 36.6 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.533 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

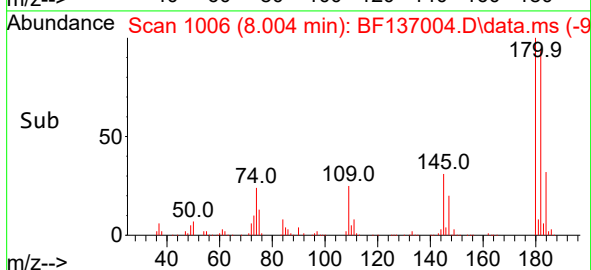
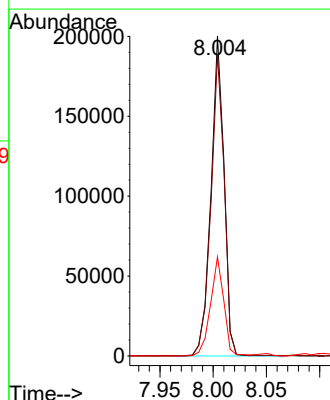
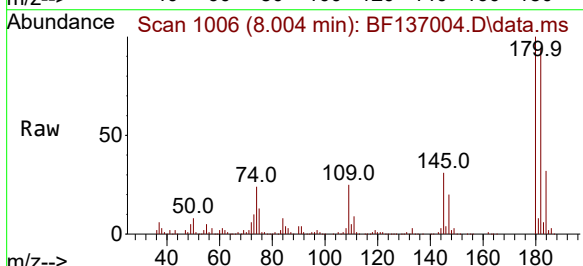
Tgt Ion:180 Resp: 171340

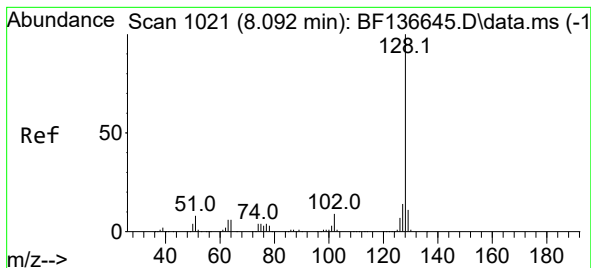
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.0

145 30.9 23.1 34.7





#31

Naphthalene

Concen: 41.978 ng

RT: 8.086 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

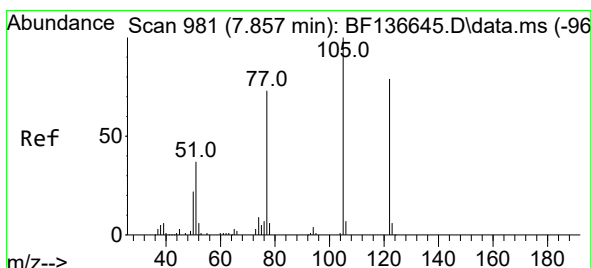
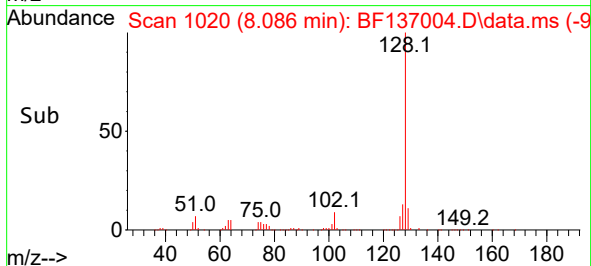
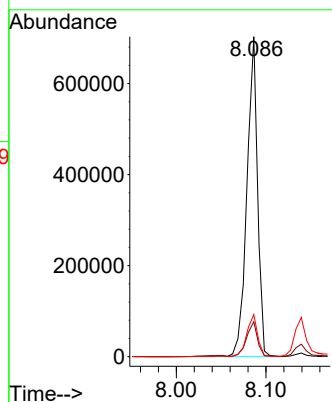
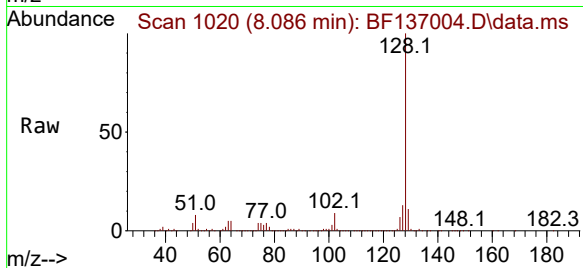
Tgt Ion:128 Resp: 581665

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.1 10.8 16.2



#32

Benzoic acid

Concen: 38.910 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.018 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

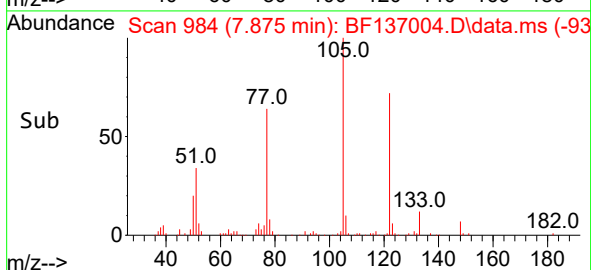
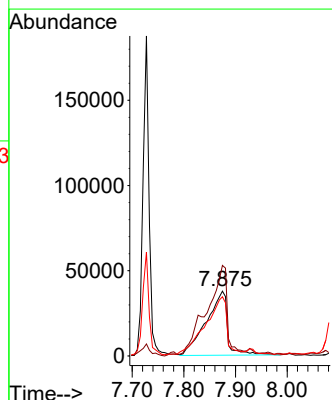
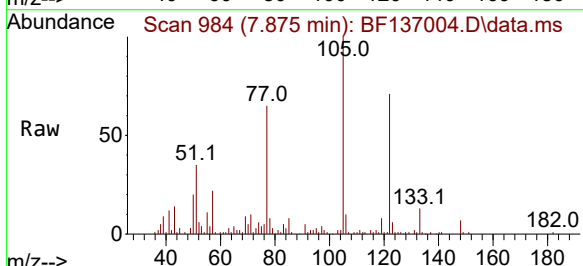
Tgt Ion:122 Resp: 108276

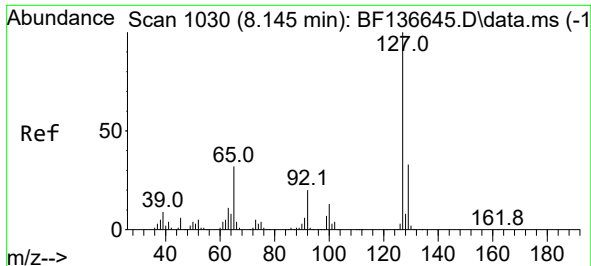
Ion Ratio Lower Upper

122 100

105 139.9 100.8 140.8

77 91.5 70.9 110.9





#33

4-Chloroaniline

Concen: 16.635 ng

RT: 8.139 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

Tgt Ion:127 Resp: 85103

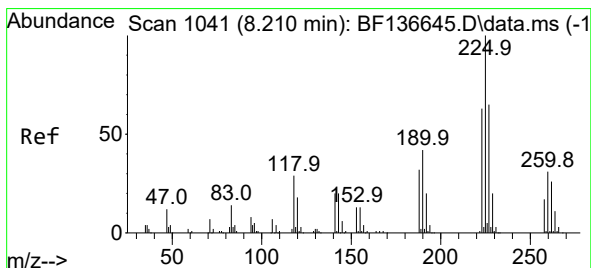
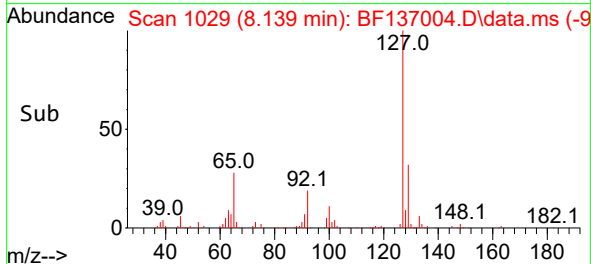
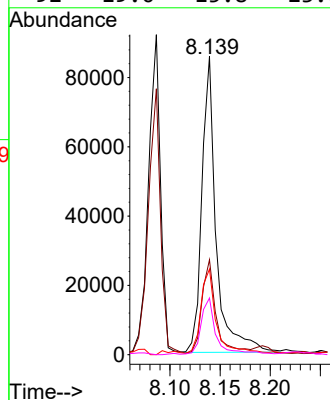
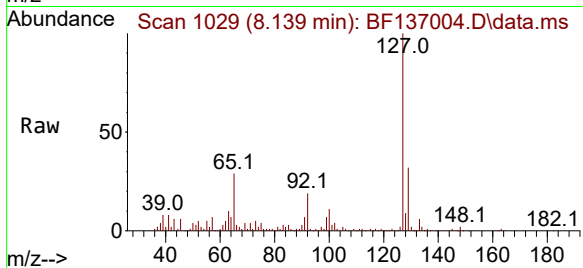
Ion Ratio Lower Upper

127 100

129 31.8 26.3 39.5

65 28.7 25.8 38.8

92 19.0 15.8 23.6



#34

Hexachlorobutadiene

Concen: 40.041 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

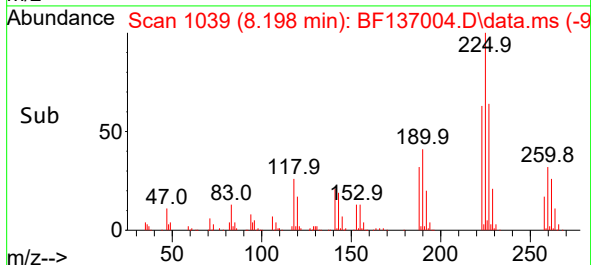
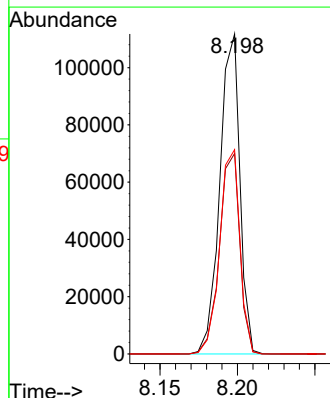
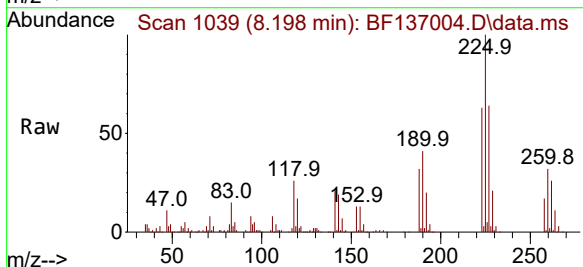
Tgt Ion:225 Resp: 100361

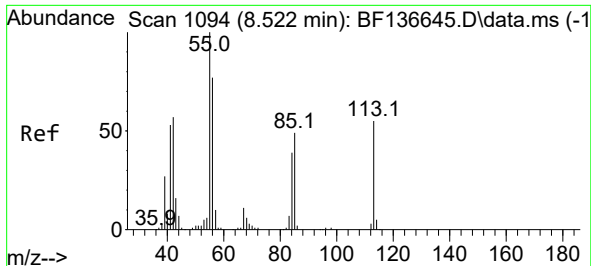
Ion Ratio Lower Upper

225 100

223 62.7 50.6 76.0

227 63.9 51.9 77.9

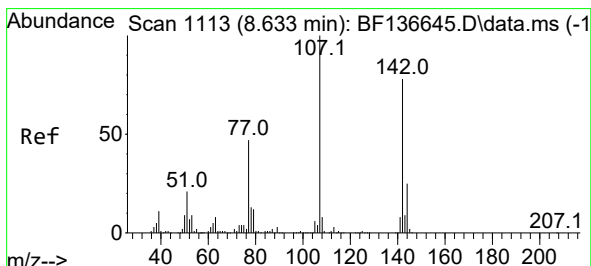
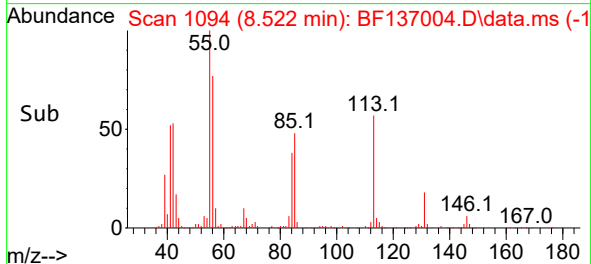
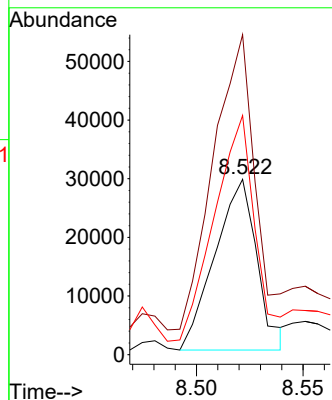
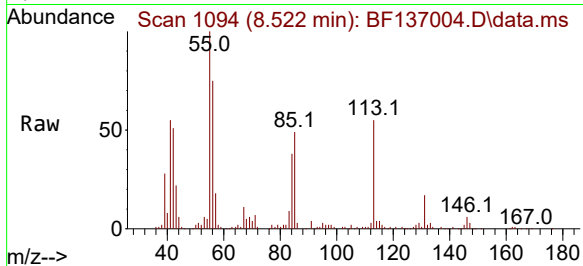




#35
 Caprolactam
 Concen: 32.695 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF137004.D
 Acq: 08 Jan 2024 20:04

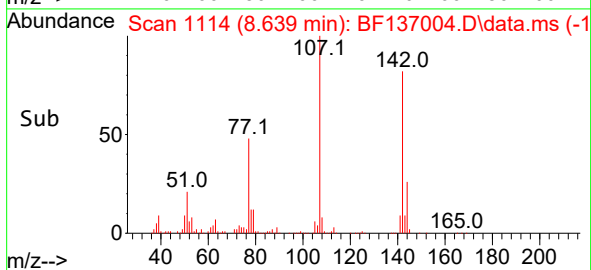
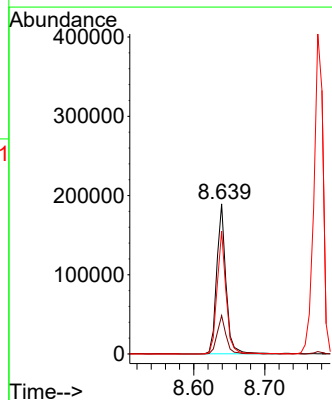
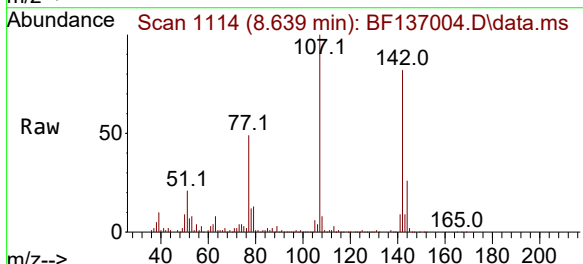
Instrument :
 BNA_F
 ClientSampleId :
 340MS

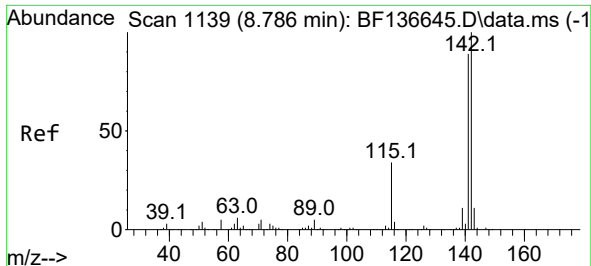
Tgt Ion:113 Resp: 39936
 Ion Ratio Lower Upper
 113 100
 55 182.5 163.1 203.1
 56 136.4 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.820 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF137004.D
 Acq: 08 Jan 2024 20:04

Tgt Ion:107 Resp: 170151
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 81.8 62.3 93.5

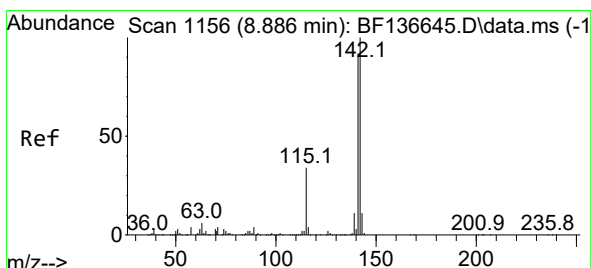
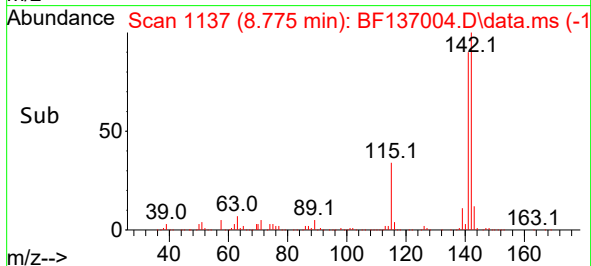
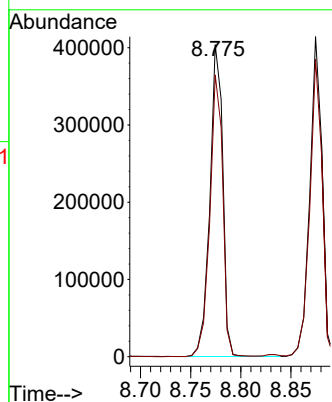
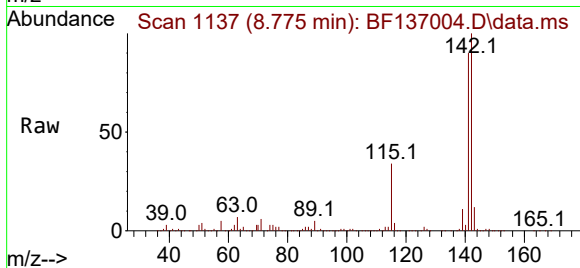




#37
2-Methylnaphthalene
Concen: 40.673 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

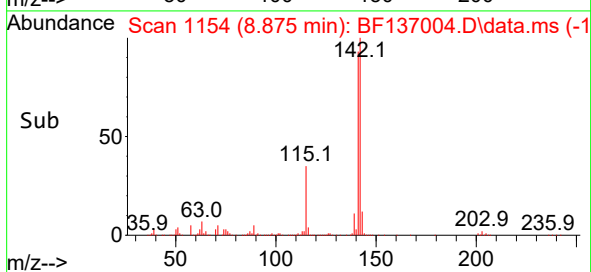
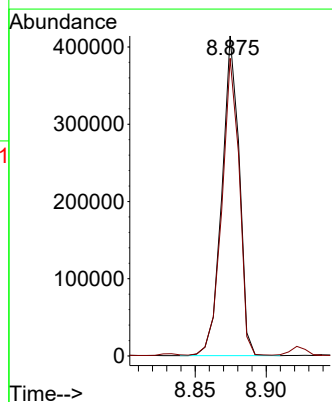
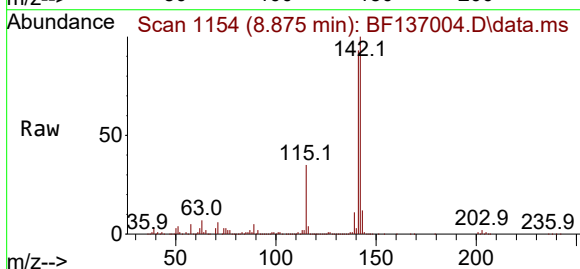
Instrument :
BNA_F
ClientSampleId :
340MS

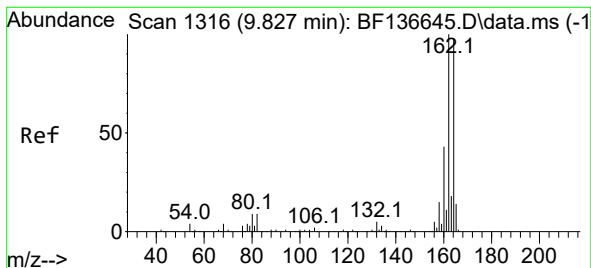
Tgt Ion:142 Resp: 362702
Ion Ratio Lower Upper
142 100
141 90.3 71.1 106.7



#38
1-Methylnaphthalene
Concen: 40.029 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:142 Resp: 350210
Ion Ratio Lower Upper
142 100
141 93.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

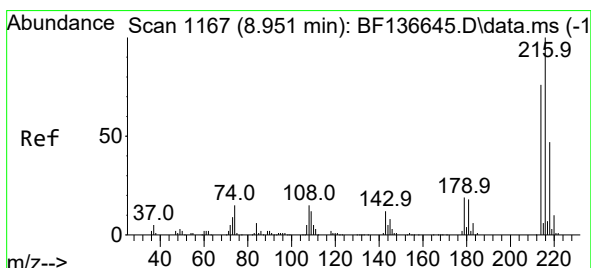
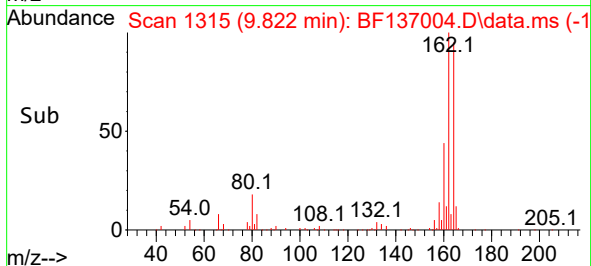
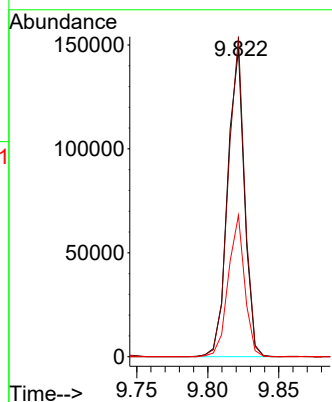
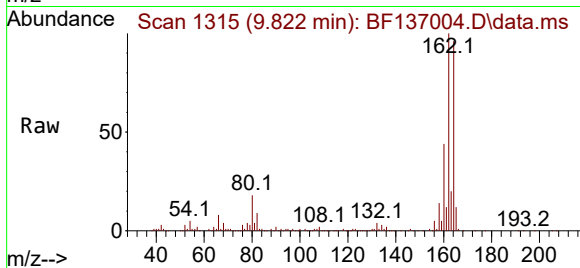
Tgt Ion:164 Resp: 122352

Ion Ratio Lower Upper

164 100

162 104.1 81.6 122.4

160 46.0 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.234 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Tgt Ion:216 Resp: 178977

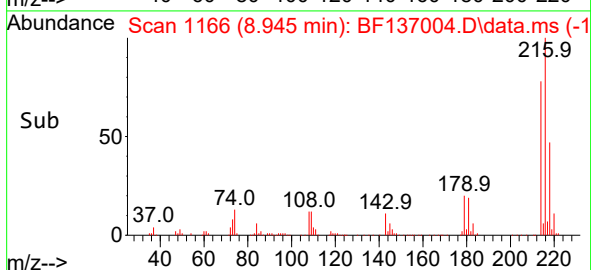
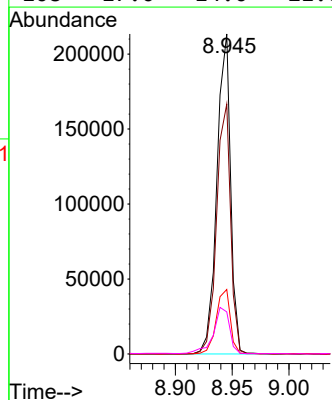
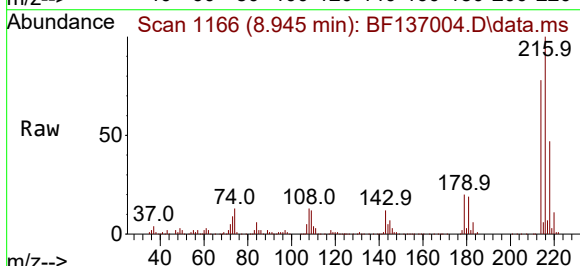
Ion Ratio Lower Upper

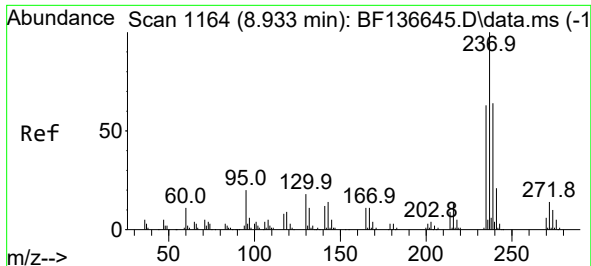
216 100

214 80.0 62.3 93.5

179 20.9 16.4 24.6

108 17.0 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 68.370 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

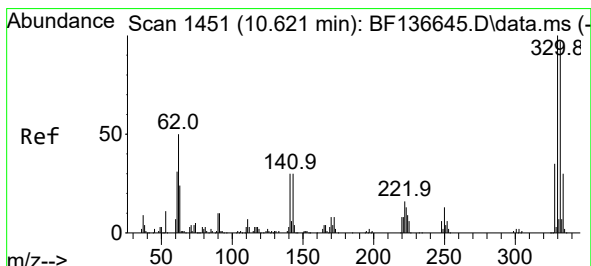
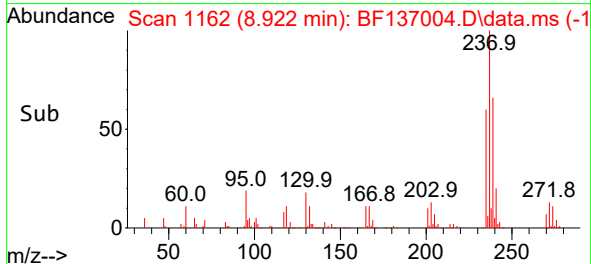
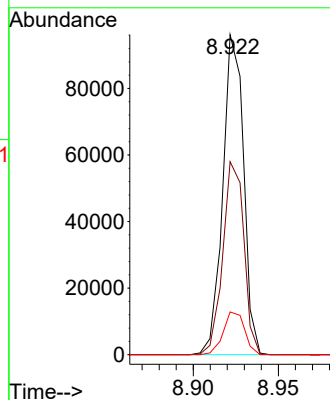
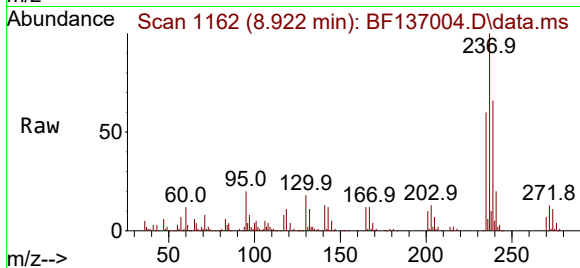
Tgt Ion:237 Resp: 81686

Ion Ratio Lower Upper

237 100

235 60.3 43.2 83.2

272 13.3 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 91.491 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

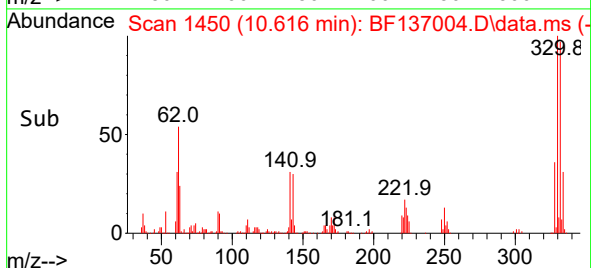
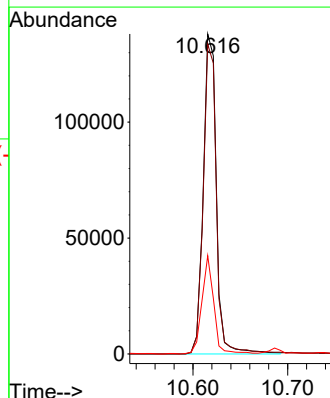
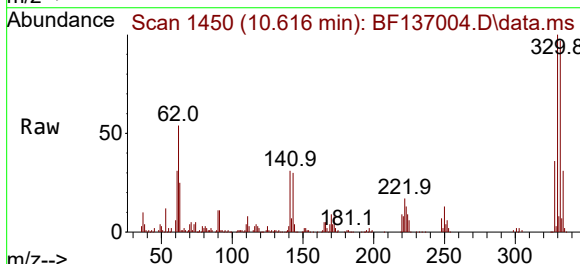
Tgt Ion:330 Resp: 131836

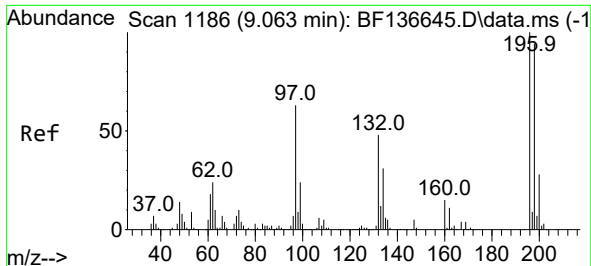
Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.0

141 28.2 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 45.256 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

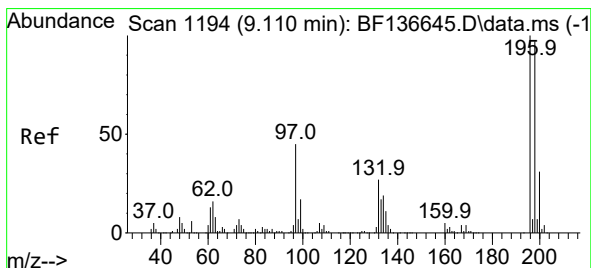
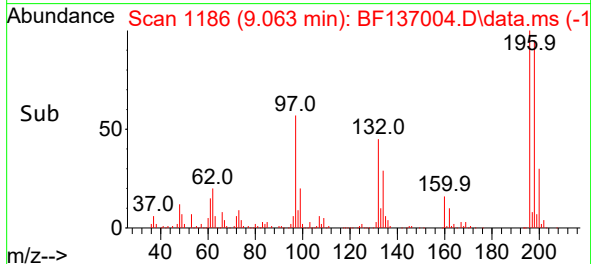
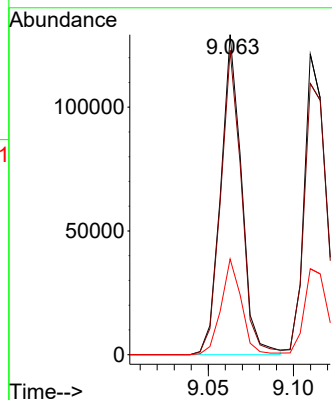
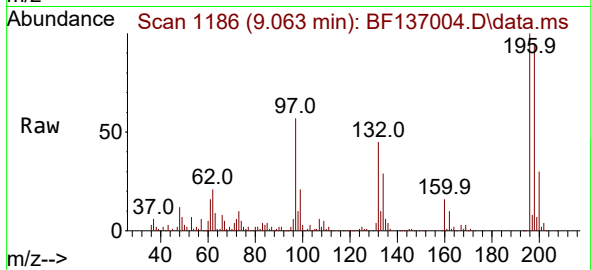
Tgt Ion:196 Resp: 109975

Ion Ratio Lower Upper

196 100

198 95.1 75.1 112.7

200 29.9 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 42.748 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Tgt Ion:196 Resp: 115760

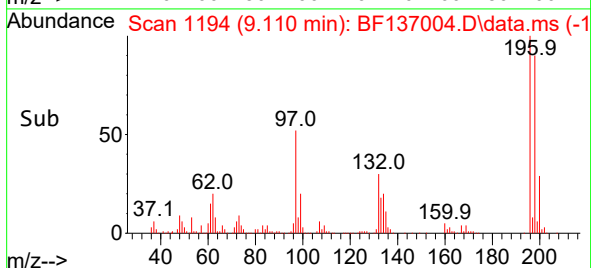
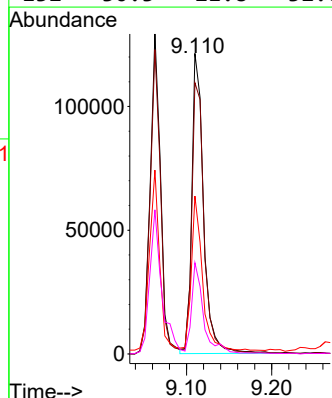
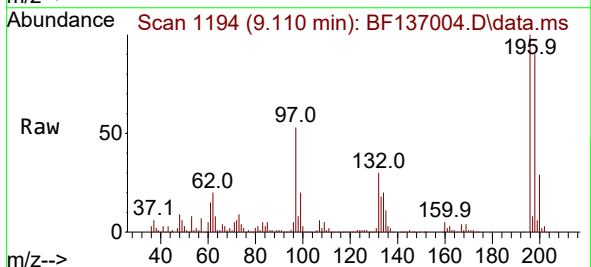
Ion Ratio Lower Upper

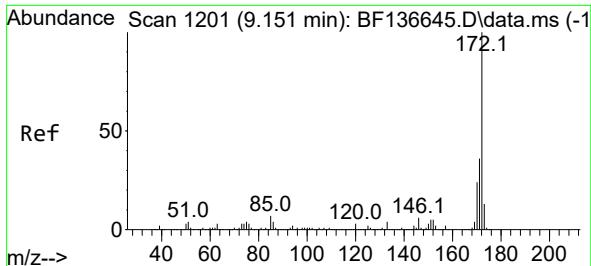
196 100

198 90.2 77.0 115.6

97 52.5 36.1 54.1

132 30.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 67.848 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

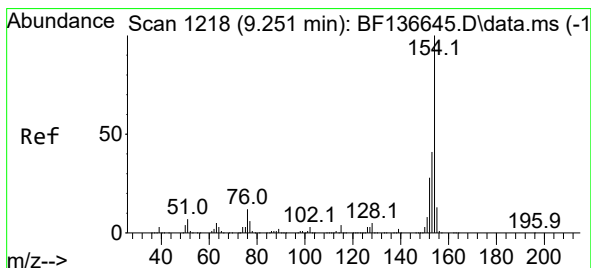
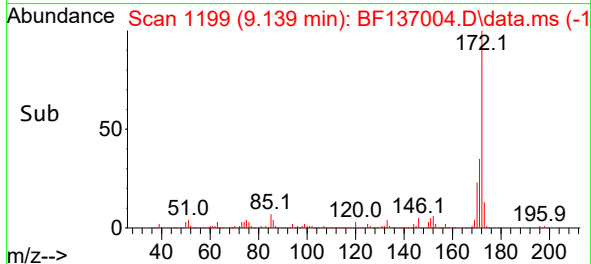
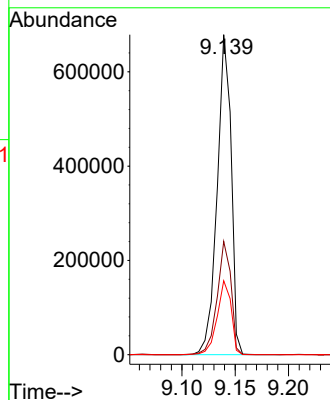
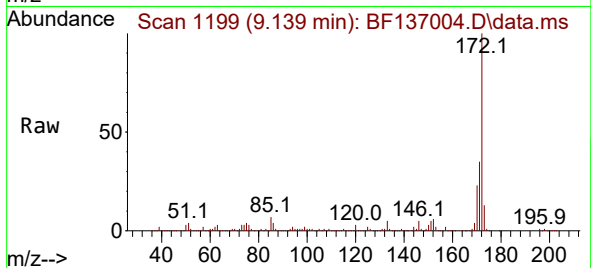
Tgt Ion:172 Resp: 617207

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 23.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.044 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

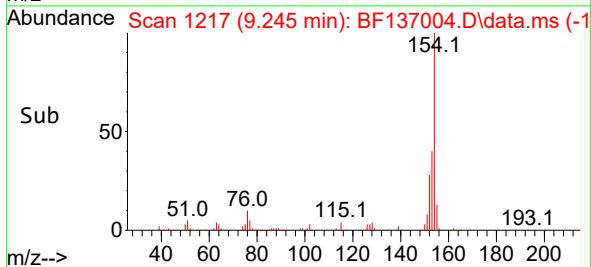
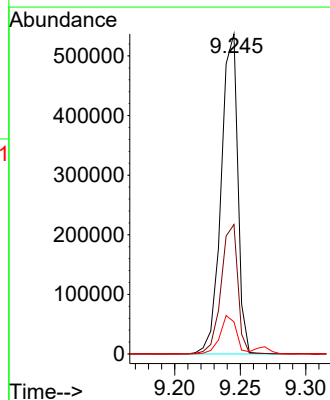
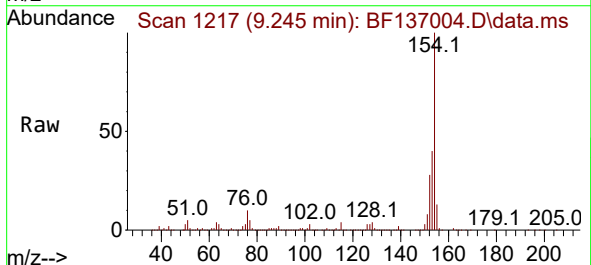
Tgt Ion:154 Resp: 472745

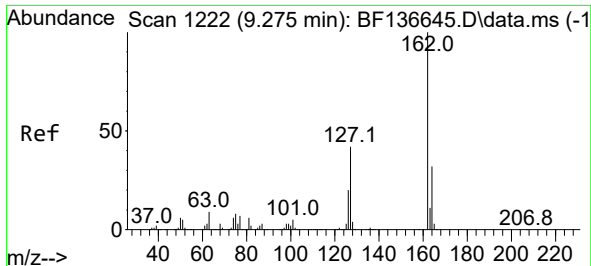
Ion Ratio Lower Upper

154 100

153 40.5 21.1 61.1

76 10.1 0.0 31.7





#47

2-Chloronaphthalene

Concen: 41.507 ng

RT: 9.269 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

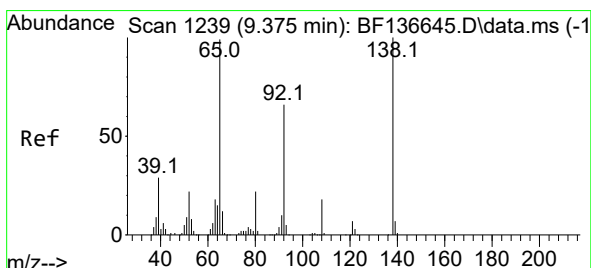
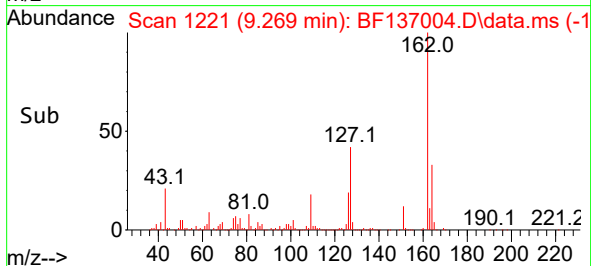
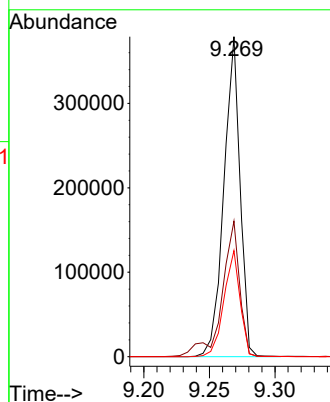
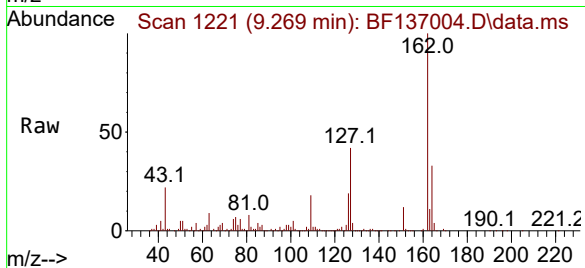
Tgt Ion:162 Resp: 323974

Ion Ratio Lower Upper

162 100

127 42.3 33.6 50.4

164 33.1 25.7 38.5



#48

2-Nitroaniline

Concen: 42.626 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

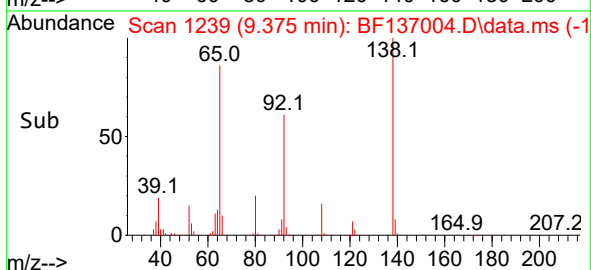
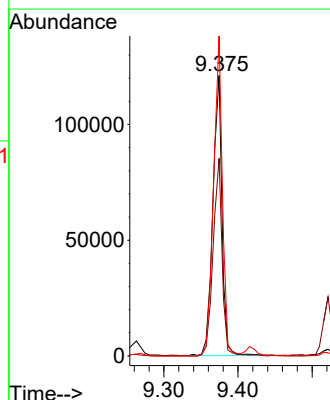
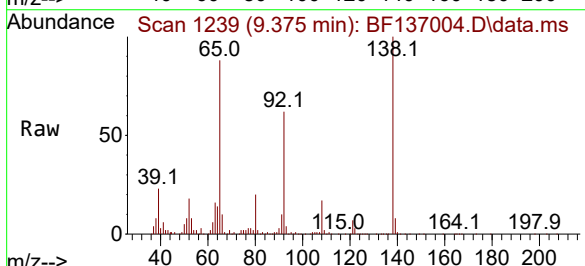
Tgt Ion: 65 Resp: 104186

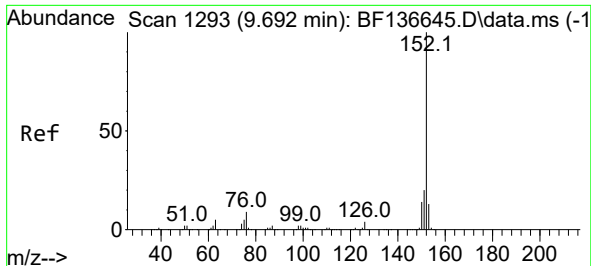
Ion Ratio Lower Upper

65 100

92 70.5 53.2 79.8

138 114.1 81.1 121.7





#49

Acenaphthylene

Concen: 46.992 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

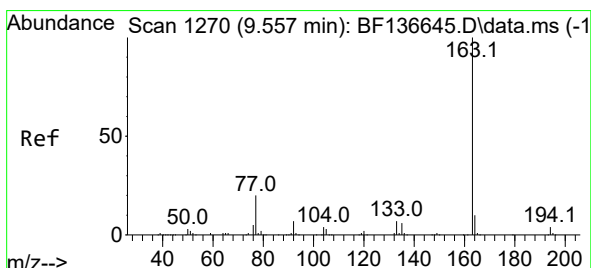
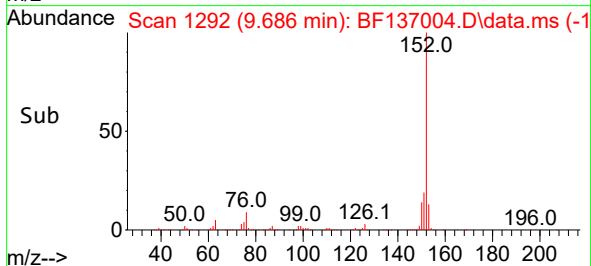
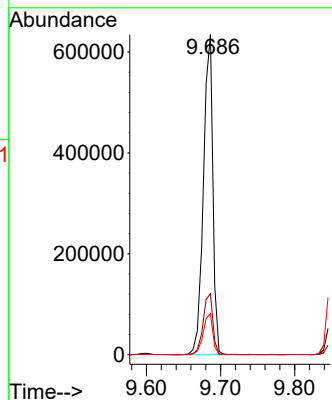
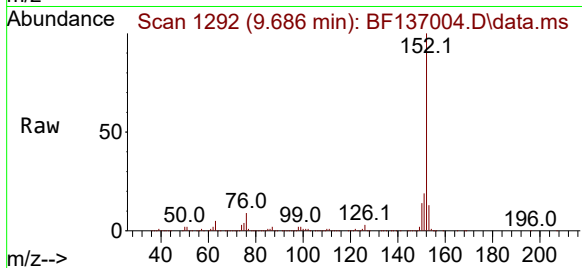
Tgt Ion:152 Resp: 560625

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.4

153 12.8 10.2 15.2



#50

Dimethylphthalate

Concen: 44.008 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

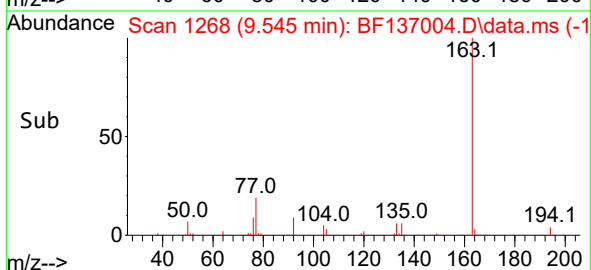
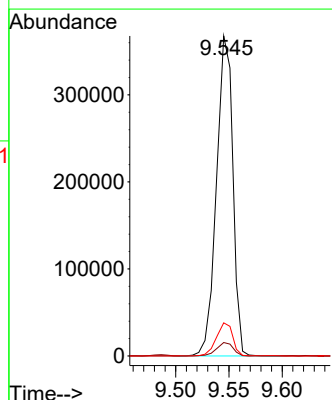
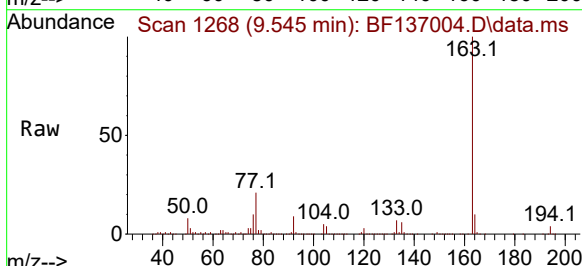
Tgt Ion:163 Resp: 393293

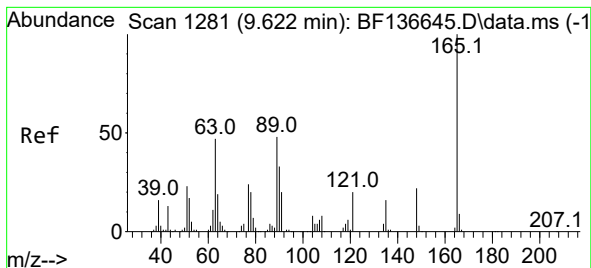
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 7.8 11.6

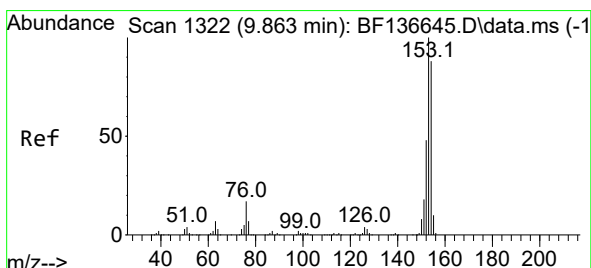
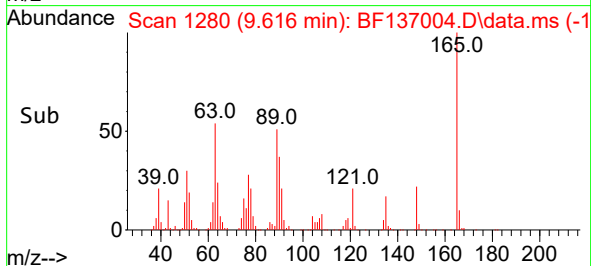
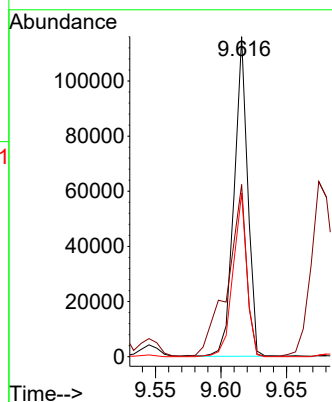
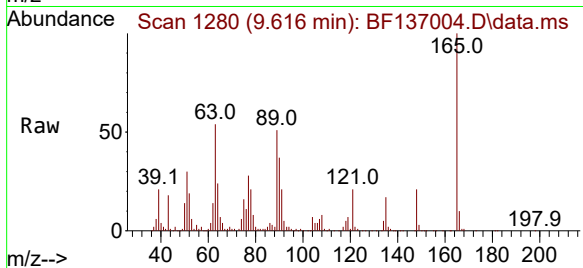




#51
2,6-Dinitrotoluene
Concen: 41.554 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

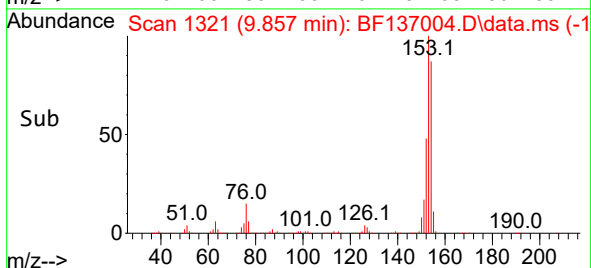
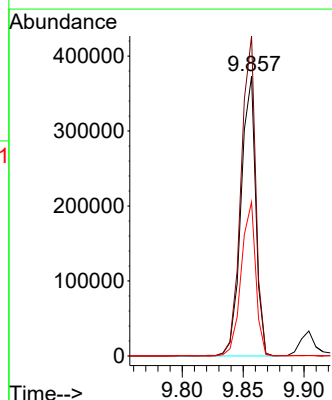
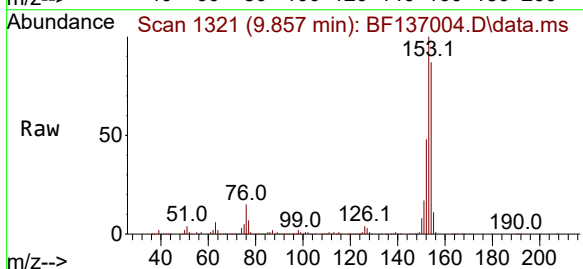
Instrument :
BNA_F
ClientSampleId :
340MS

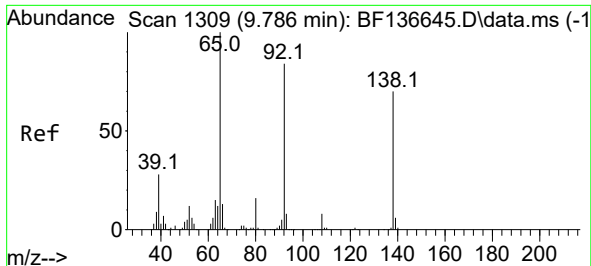
Tgt Ion:165 Resp: 84281
Ion Ratio Lower Upper
165 100
63 53.8 39.8 59.6
89 51.2 38.8 58.2



#52
Acenaphthene
Concen: 42.561 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:154 Resp: 314751
Ion Ratio Lower Upper
154 100
153 114.4 90.7 136.1
152 55.1 43.7 65.5

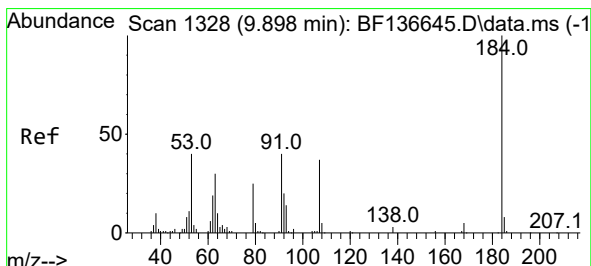
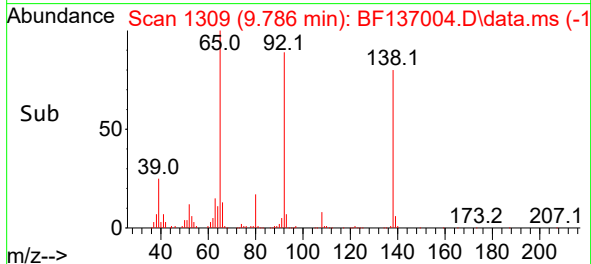
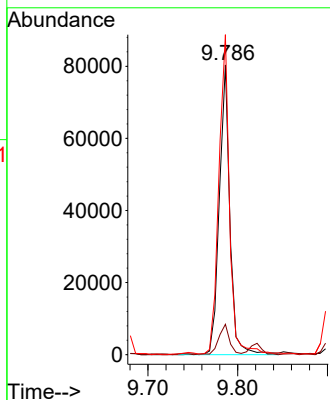
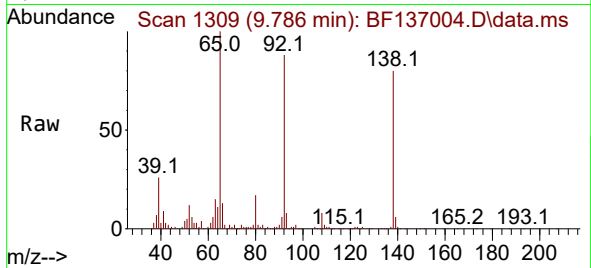




#53
3-Nitroaniline
Concen: 30.586 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

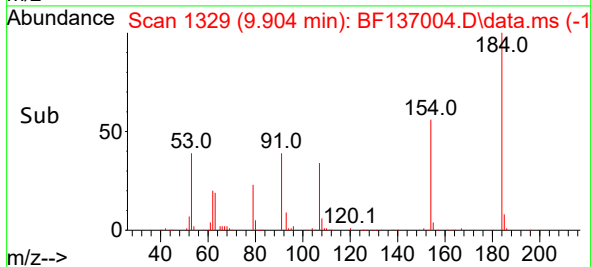
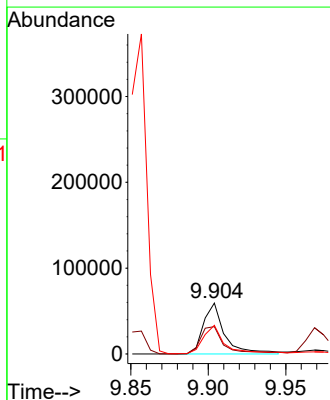
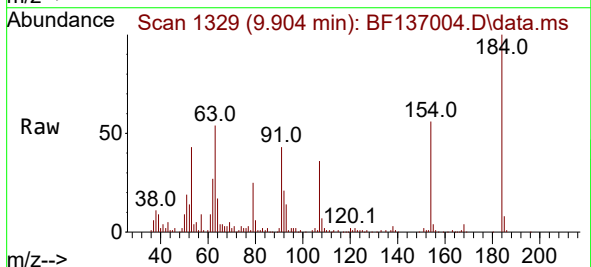
Instrument :
BNA_F
ClientSampleId :
340MS

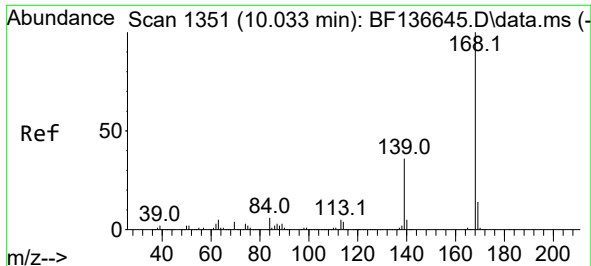
Tgt Ion:138 Resp: 65716
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 110.4 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 51.783 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:184 Resp: 56655
Ion Ratio Lower Upper
184 100
63 53.8 40.9 61.3
154 56.3 42.7 64.1

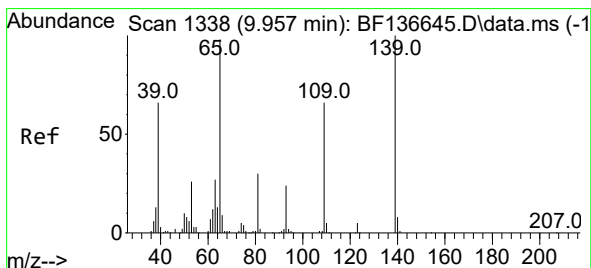
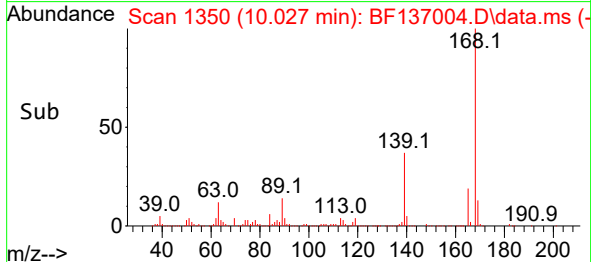
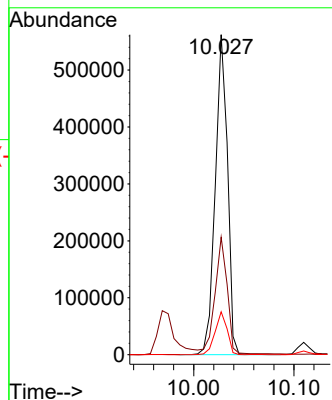
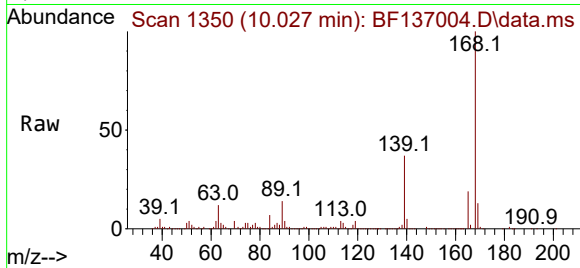




#55
Dibenzenofuran
Concen: 42.347 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

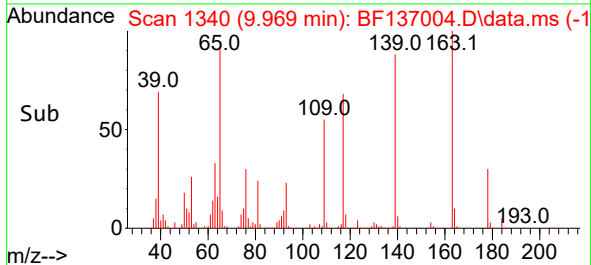
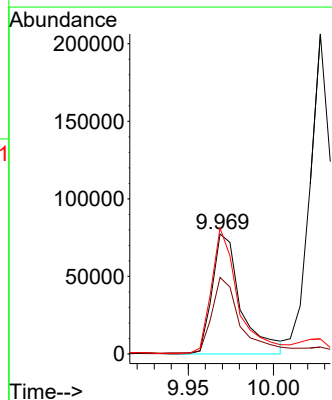
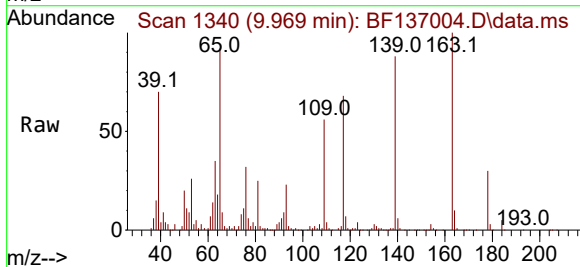
Instrument :
BNA_F
ClientSampleId :
340MS

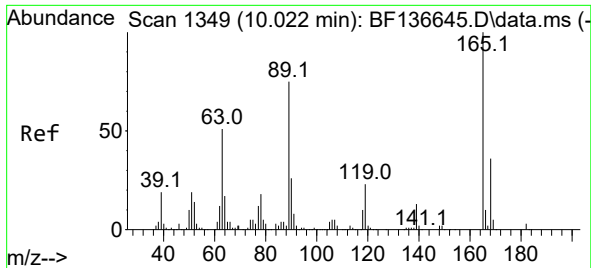
Tgt Ion:168 Resp: 474720
Ion Ratio Lower Upper
168 100
139 36.7 29.3 43.9
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 62.756 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:139 Resp: 91021
Ion Ratio Lower Upper
139 100
109 63.8 45.8 85.8
65 104.9 77.8 117.8

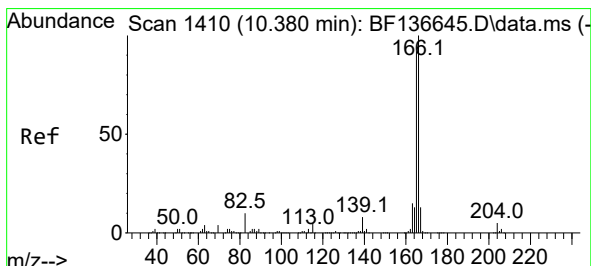
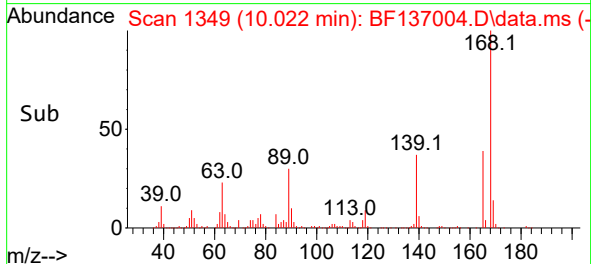
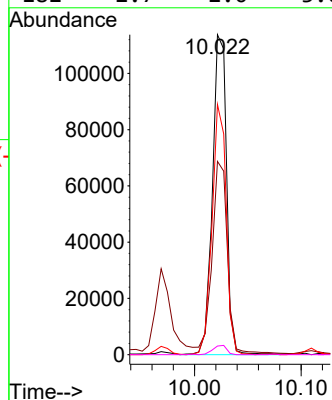
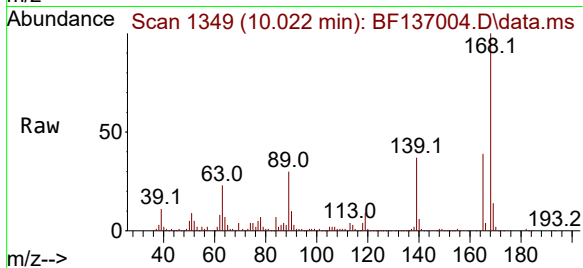




#57
2,4-Dinitrotoluene
Concen: 39.745 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

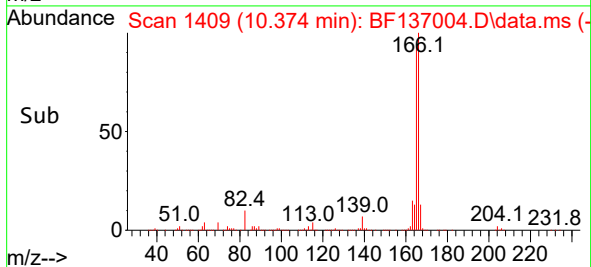
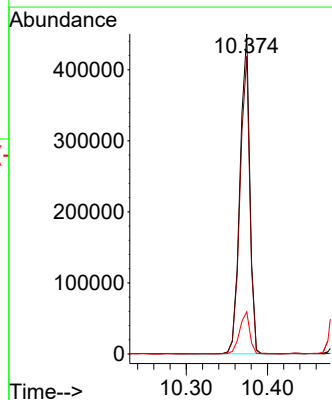
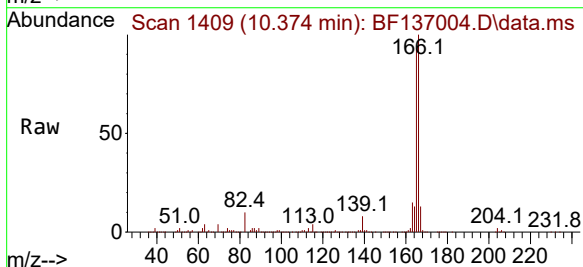
Instrument :
BNA_F
ClientSampleId :
340MS

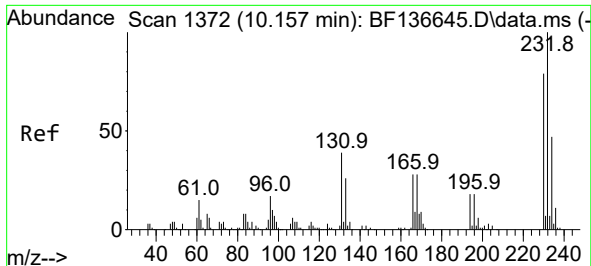
Tgt Ion:165 Resp: 104649
Ion Ratio Lower Upper
165 100
63 60.4 41.0 61.6
89 78.2 59.9 89.9
182 2.7 2.0 3.0



#58
Fluorene
Concen: 42.328 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:166 Resp: 376507
Ion Ratio Lower Upper
166 100
165 92.9 73.7 110.5
167 13.2 10.4 15.6

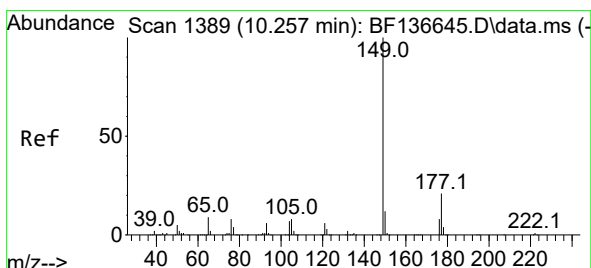
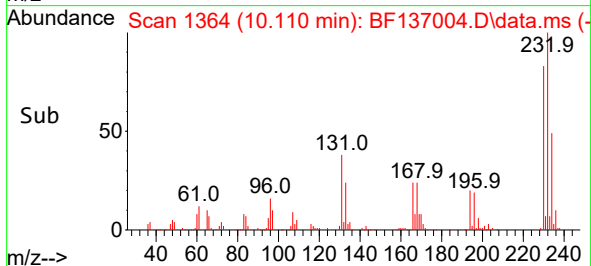
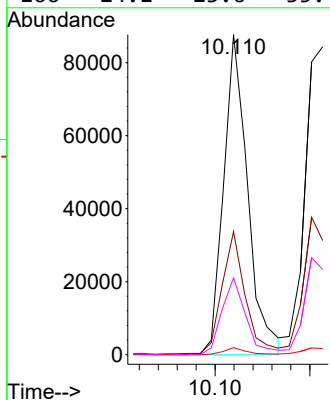
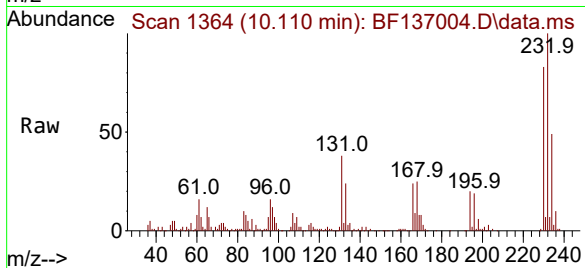




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.078 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.047 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

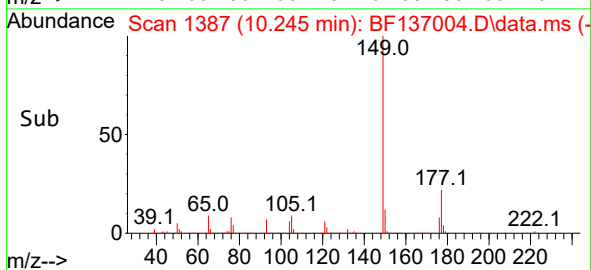
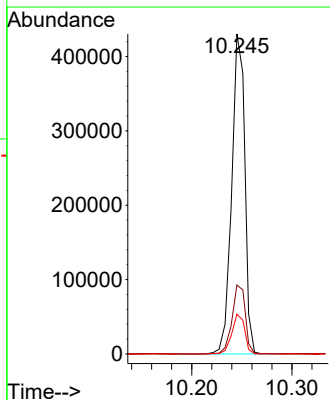
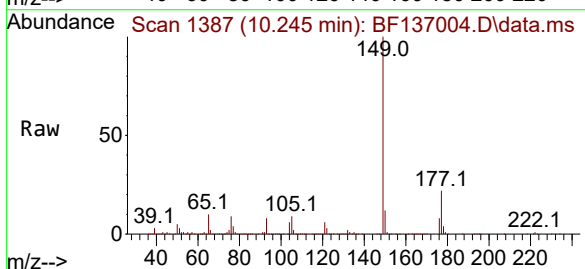
Instrument :
BNA_F
ClientSampleId :
340MS

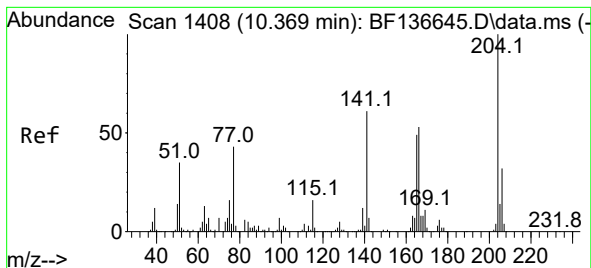
Tgt Ion:232 Resp: 77290
Ion Ratio Lower Upper
232 100
131 37.2 35.1 52.7
130 2.2 1.6 2.4
166 24.1 23.6 35.4



#60
Diethylphthalate
Concen: 42.196 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:149 Resp: 391270
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.5 9.3 13.9

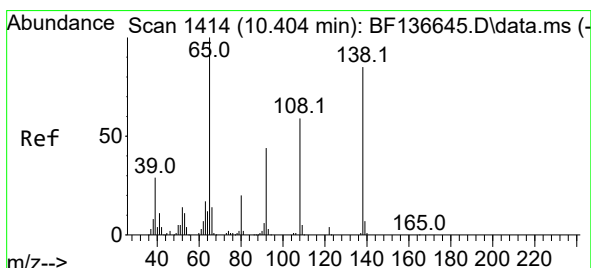
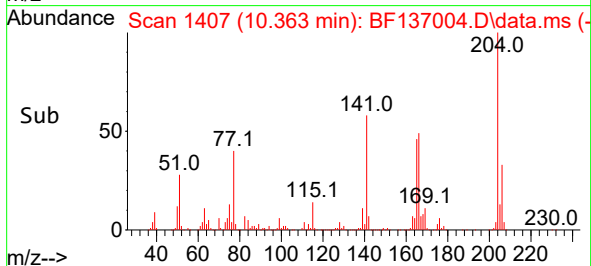
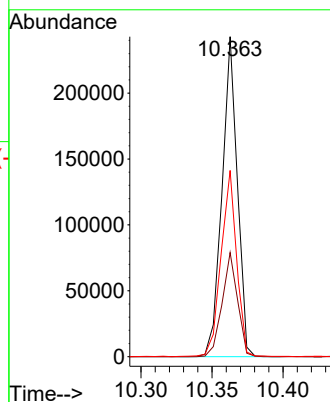
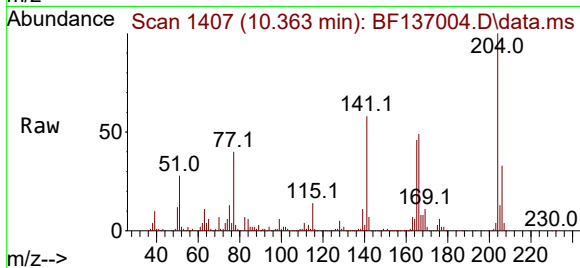




#61
4-Chlorophenyl-phenylether
Concen: 41.997 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

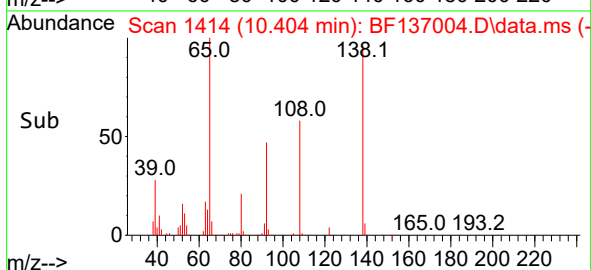
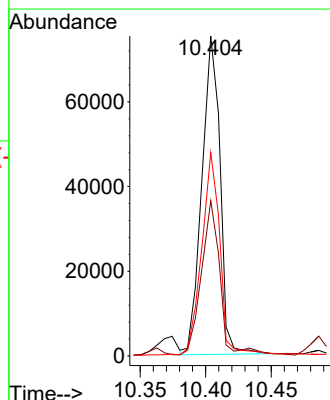
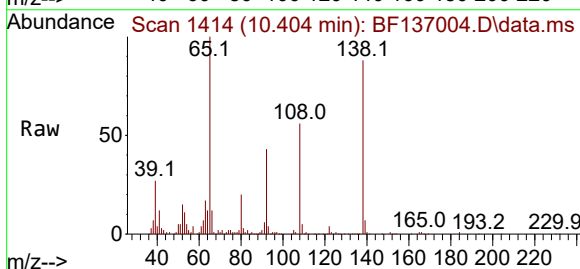
Instrument :
BNA_F
ClientSampleId :
340MS

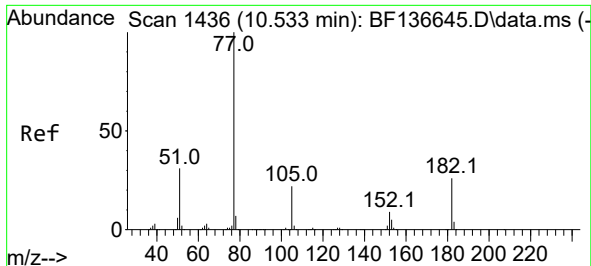
Tgt Ion:204 Resp: 181576
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 58.2 48.4 72.6



#62
4-Nitroaniline
Concen: 35.136 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:138 Resp: 72775
Ion Ratio Lower Upper
138 100
92 48.5 32.1 72.1
108 63.5 50.1 90.1

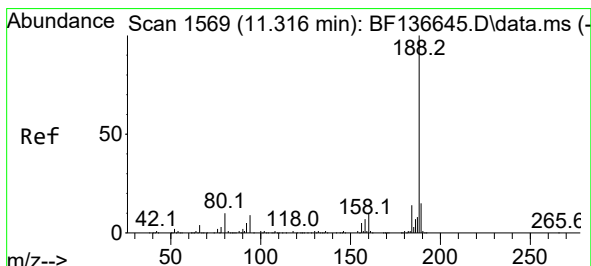
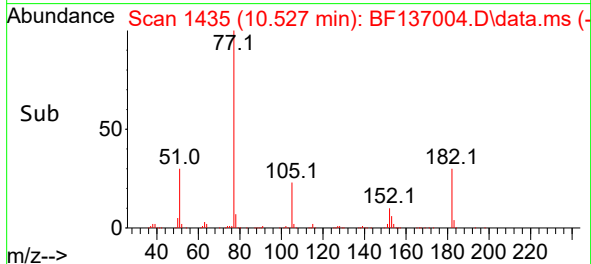
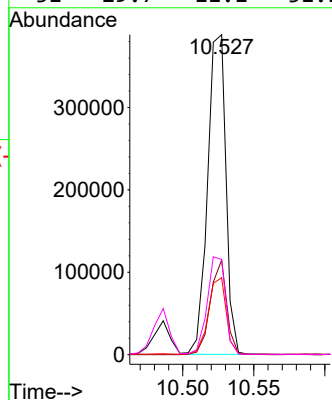
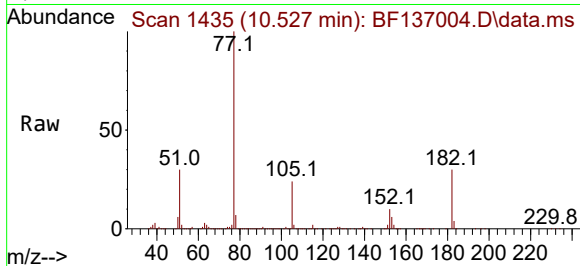




#63
Azobenzene
Concen: 40.195 ng
RT: 10.527 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

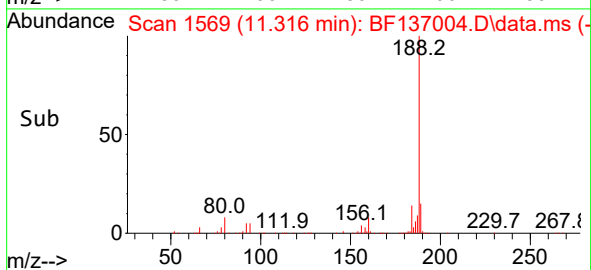
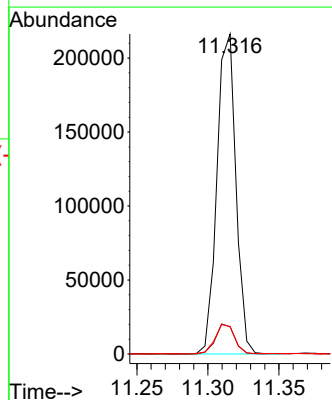
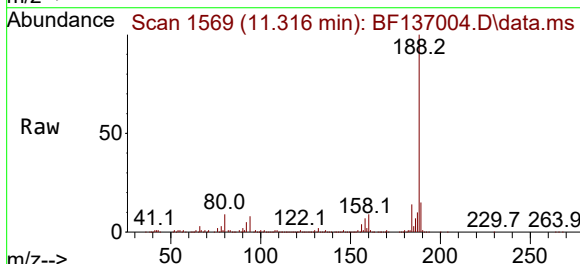
Instrument :
BNA_F
ClientSampleId :
340MS

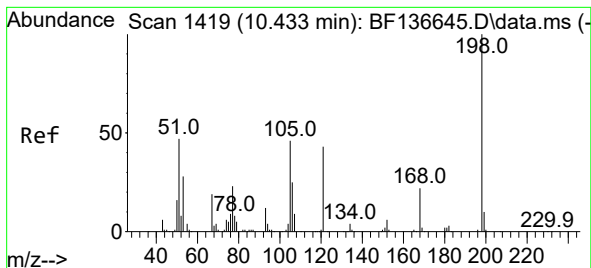
Tgt Ion: 77	Resp: 348116
Ion Ratio	Lower Upper
77 100	
182 29.6	6.0 46.0
105 24.0	2.3 42.3
51 29.7	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:188	Resp: 200631
Ion Ratio	Lower Upper
188 100	
94 8.5	7.5 11.3
80 8.6	8.1 12.1

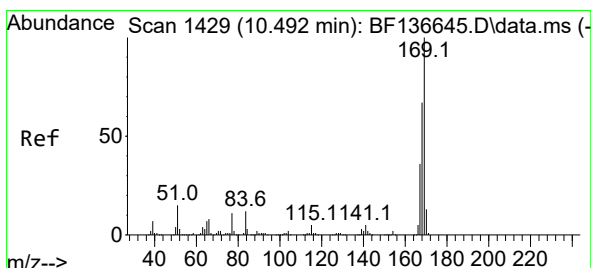
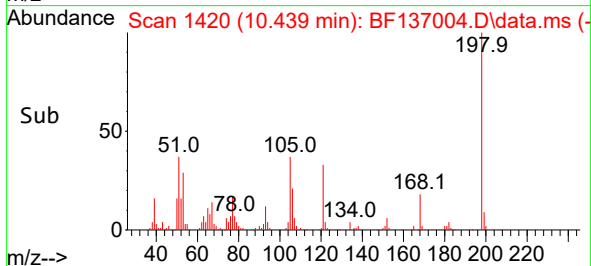
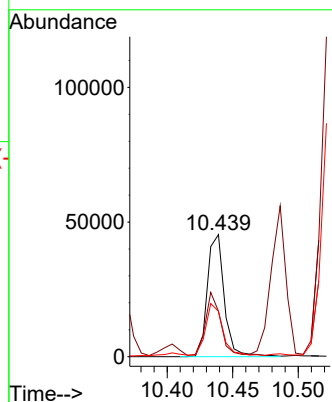
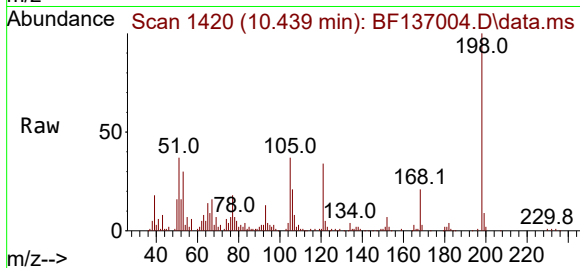




#65
4,6-Dinitro-2-methylphenol
Concen: 35.554 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

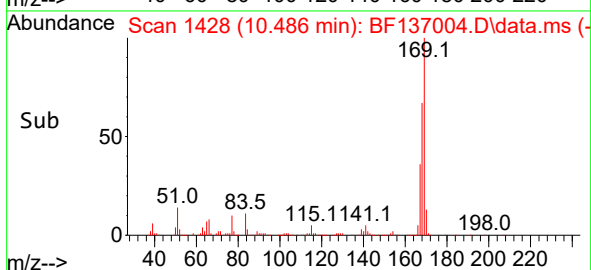
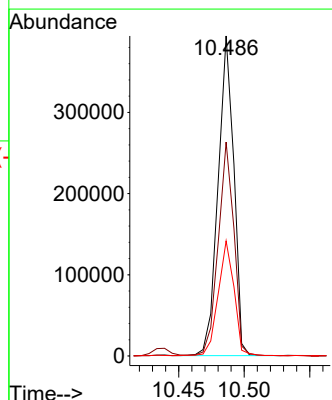
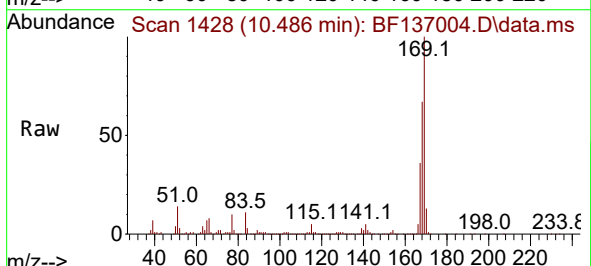
Instrument :
BNA_F
ClientSampleId :
340MS

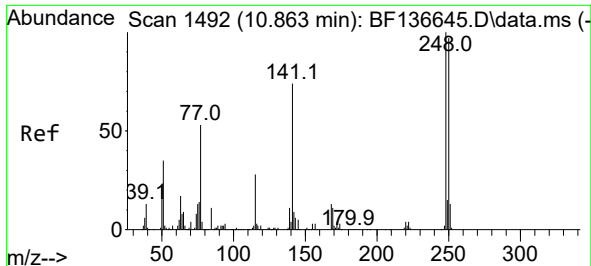
Tgt Ion:198 Resp: 40880
Ion Ratio Lower Upper
198 100
51 37.3 34.1 74.1
105 37.2 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 50.246 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:169 Resp: 327472
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.6
167 35.9 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 46.601 ng

RT: 10.857 min Scan# 1491

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

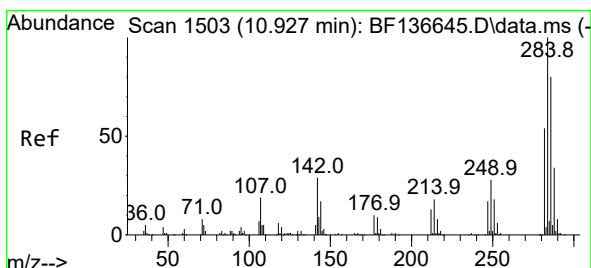
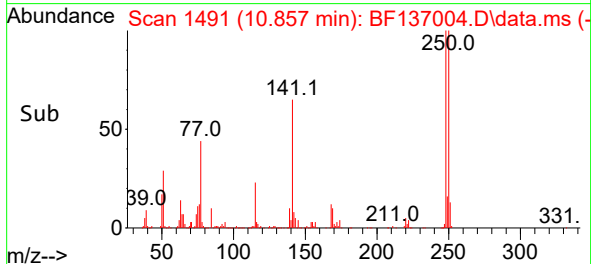
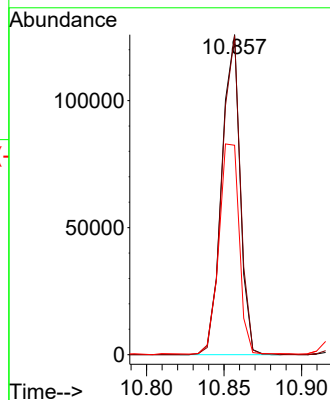
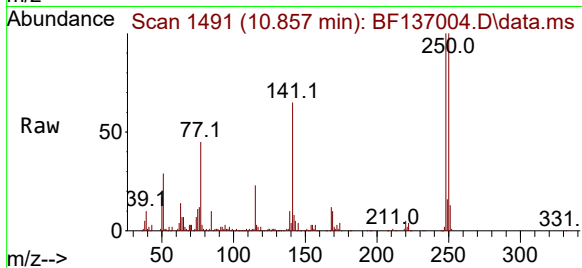
Tgt Ion:248 Resp: 103834

Ion Ratio Lower Upper

248 100

250 99.7 77.8 116.6

141 65.4 59.2 88.8



#68

Hexachlorobenzene

Concen: 44.398 ng

RT: 10.921 min Scan# 1502

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

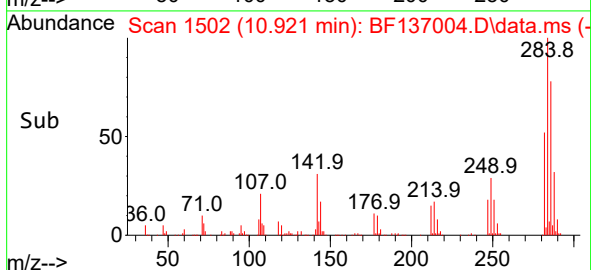
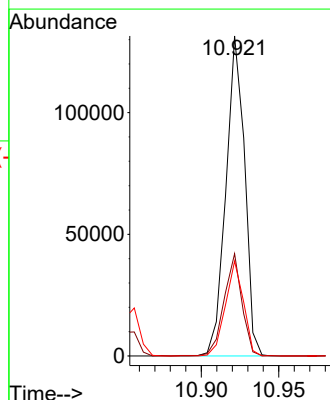
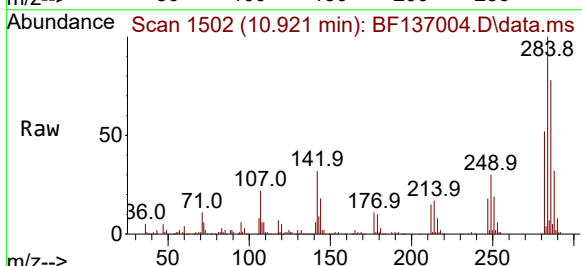
Tgt Ion:284 Resp: 110244

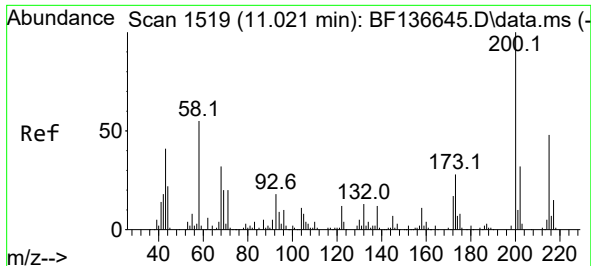
Ion Ratio Lower Upper

284 100

142 31.9 23.4 35.0

249 29.7 22.3 33.5

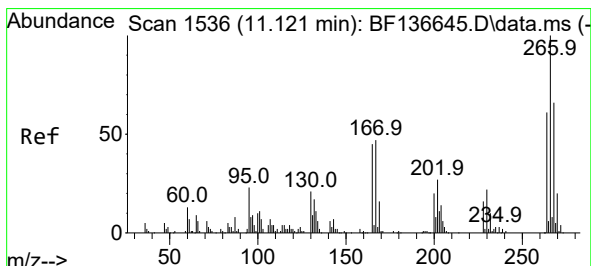
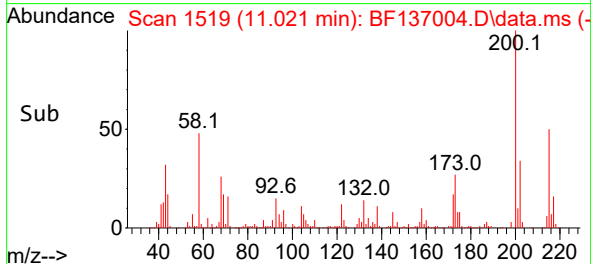
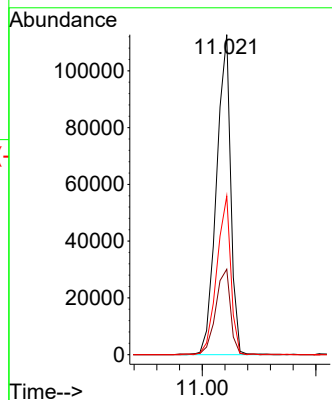
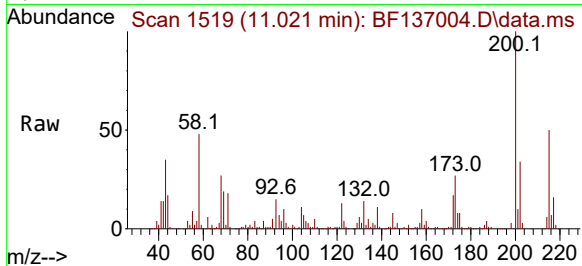




#69
Atrazine
Concen: 58.647 ng
RT: 11.021 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

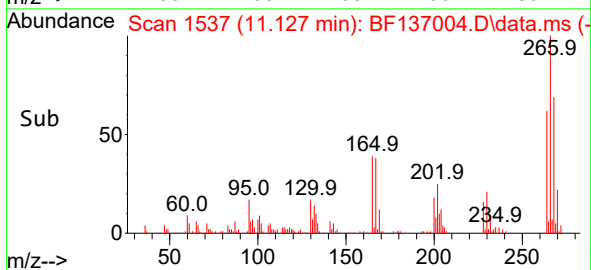
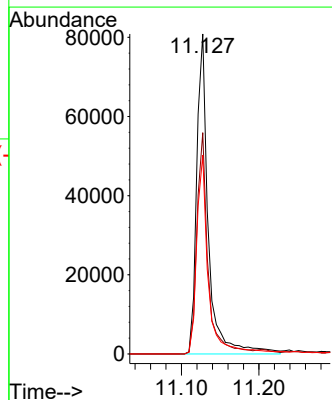
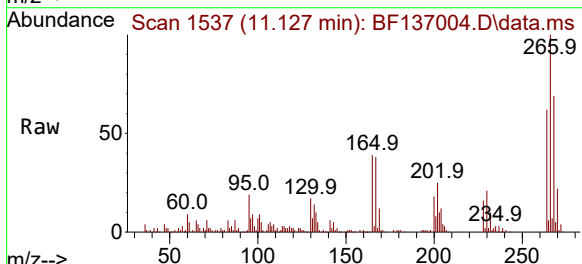
Instrument :
BNA_F
ClientSampleId :
340MS

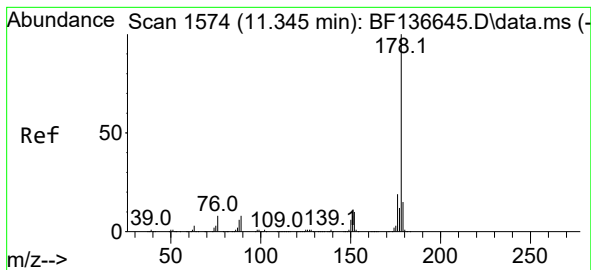
Tgt Ion:	200	Resp:	97763
Ion Ratio	Lower	Upper	
200	100		
173	26.7	7.6	47.6
215	49.5	28.3	68.3



#70
Pentachlorophenol
Concen: 73.090 ng
RT: 11.127 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:	266	Resp:	84594
Ion Ratio	Lower	Upper	
266	100		
268	69.1	52.6	78.8
264	62.1	49.0	73.4





#71

Phenanthrene

Concen: 49.618 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

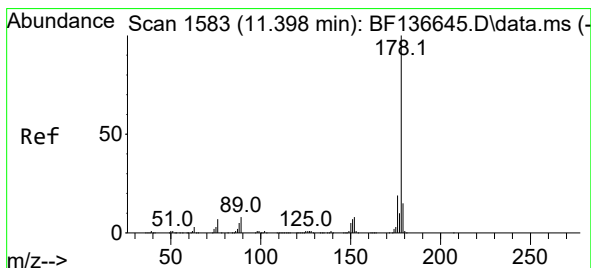
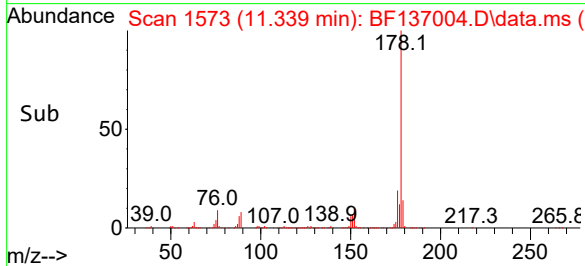
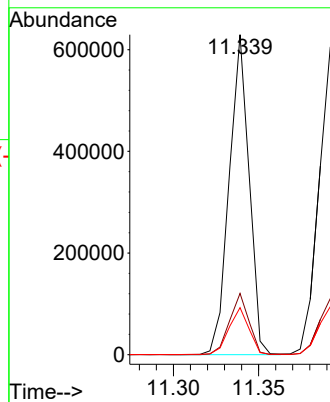
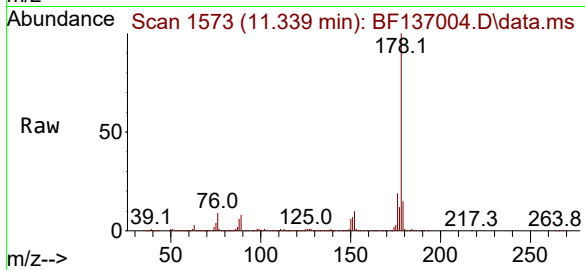
Tgt Ion:178 Resp: 510795

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 14.7 11.9 17.9



#72

Anthracene

Concen: 45.439 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

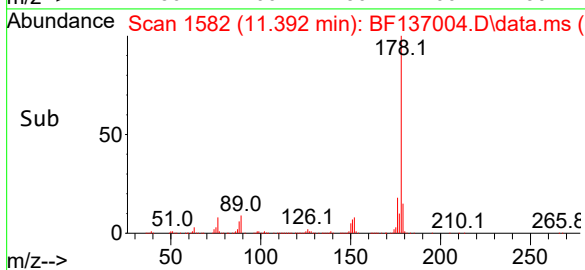
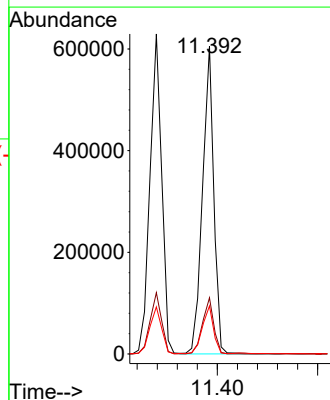
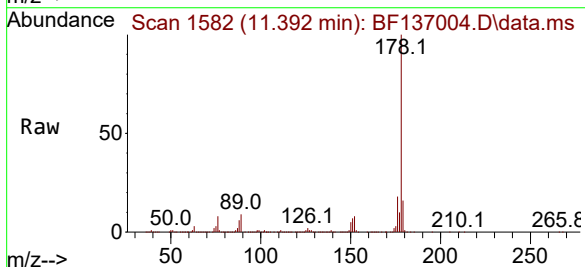
Tgt Ion:178 Resp: 473723

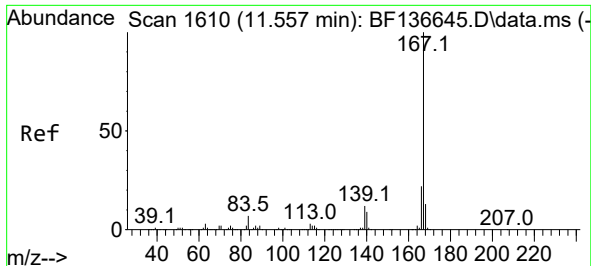
Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

179 15.6 11.8 17.6

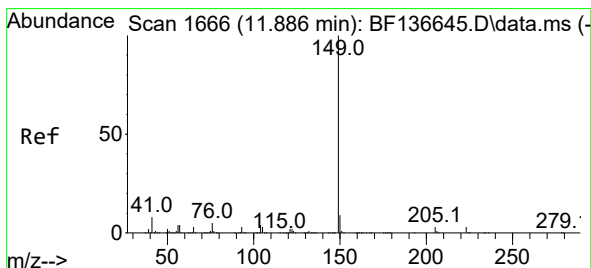
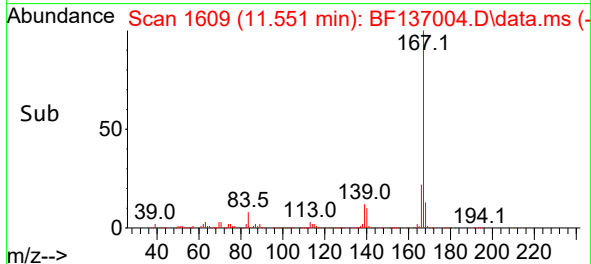
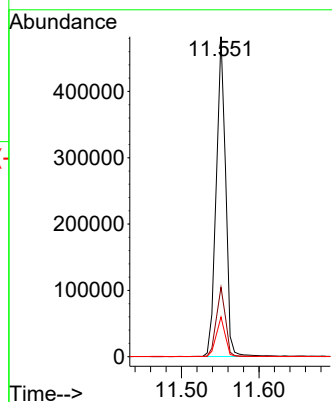
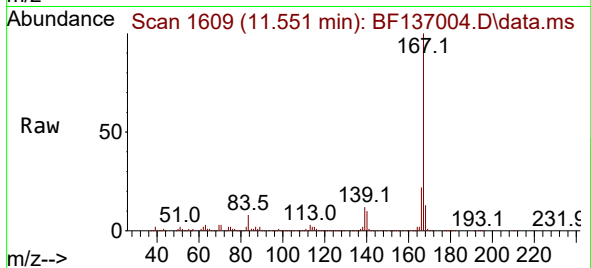




#73
Carbazole
Concen: 41.385 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

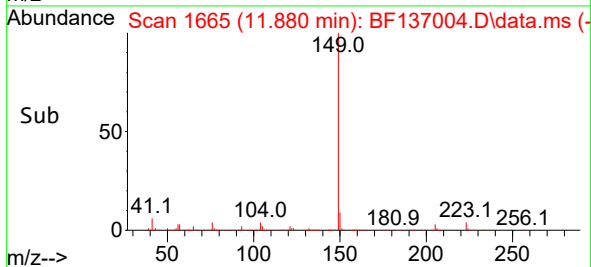
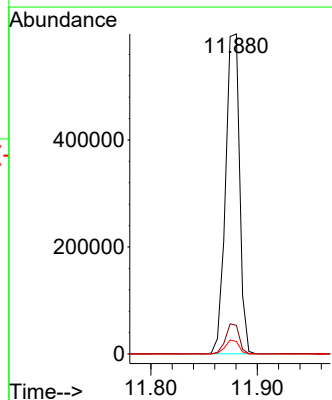
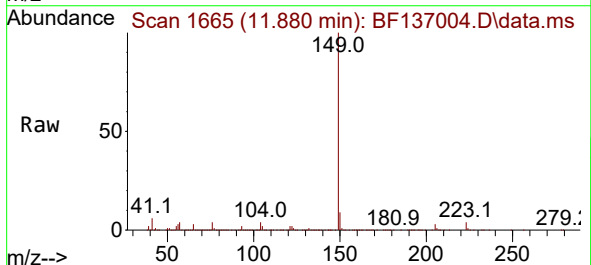
Instrument :
BNA_F
ClientSampleId :
340MS

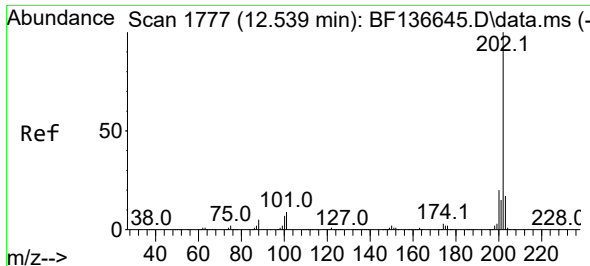
Tgt Ion:167 Resp: 406793
Ion Ratio Lower Upper
167 100
166 21.7 17.3 25.9
139 12.4 9.8 14.6



#74
Di-n-butylphthalate
Concen: 45.554 ng
RT: 11.880 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:149 Resp: 546391
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 3.9 3.6 5.4

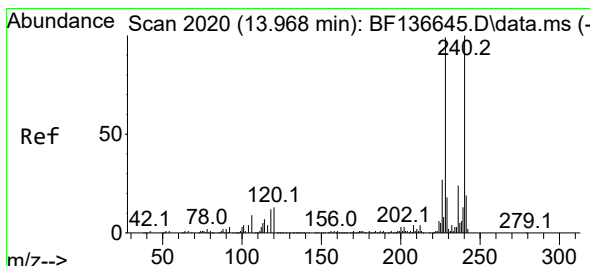
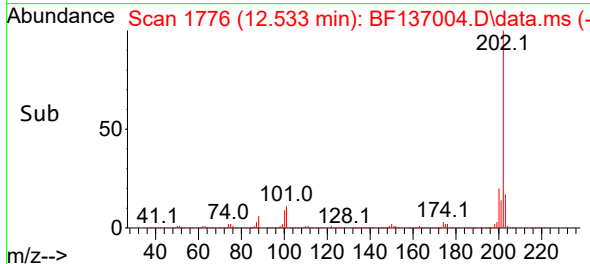
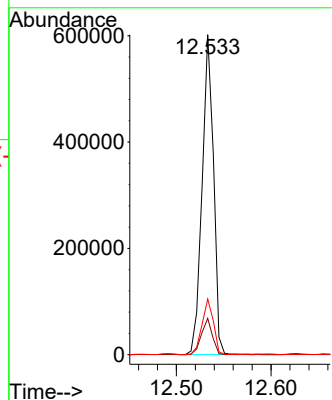
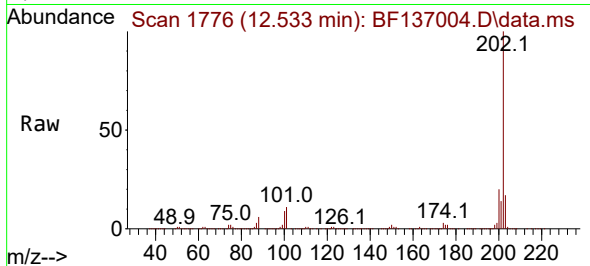




#75
Fluoranthene
Concen: 45.593 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

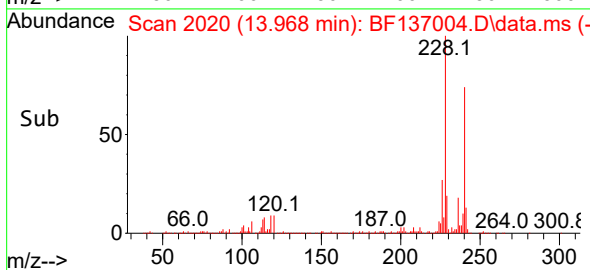
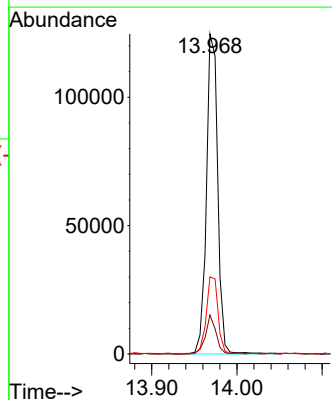
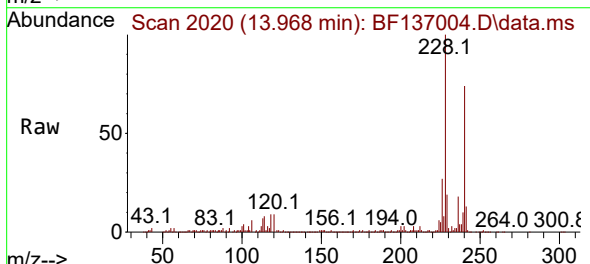
Instrument :
BNA_F
ClientSampleId :
340MS

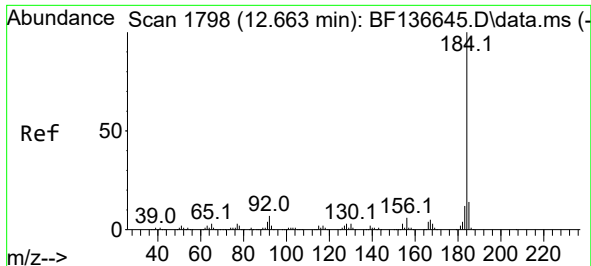
Tgt Ion:202 Resp: 502048
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.3
203 17.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:240 Resp: 114575
Ion Ratio Lower Upper
240 100
120 12.2 10.3 15.5
236 24.1 19.4 29.2

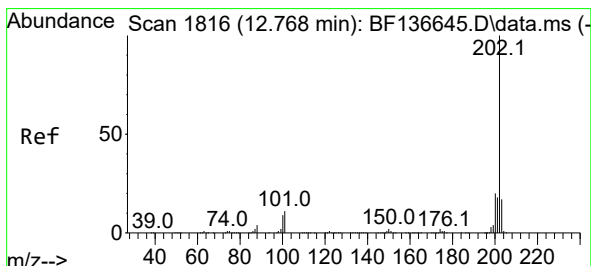
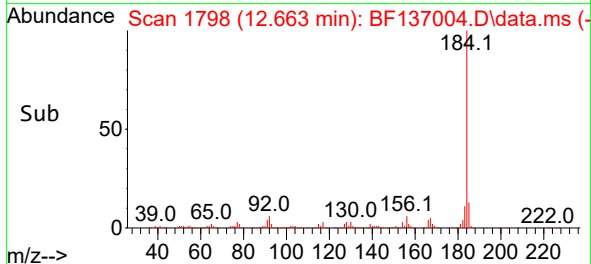
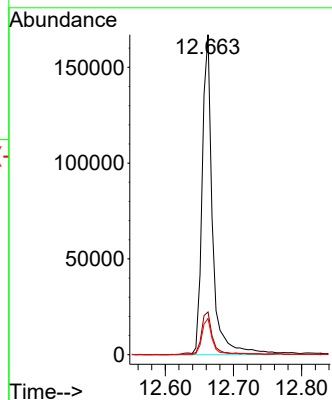
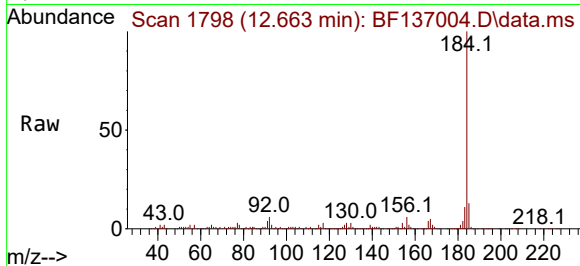




#77
Benzidine
Concen: 52.432 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

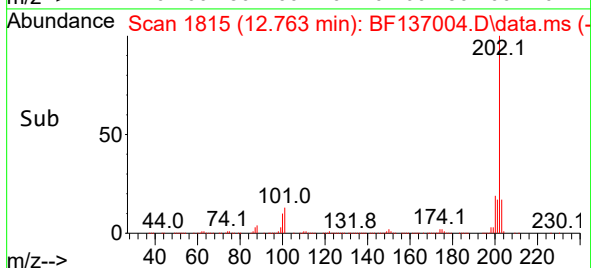
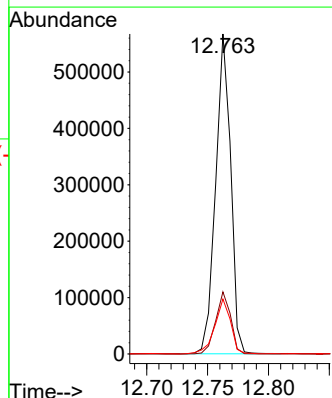
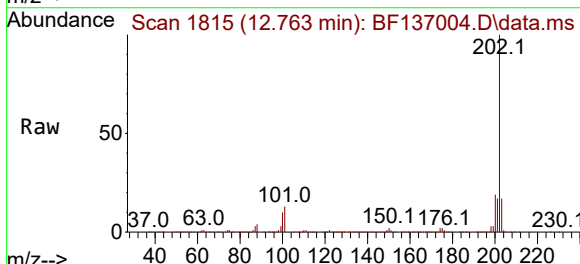
Instrument :
BNA_F
ClientSampleId :
340MS

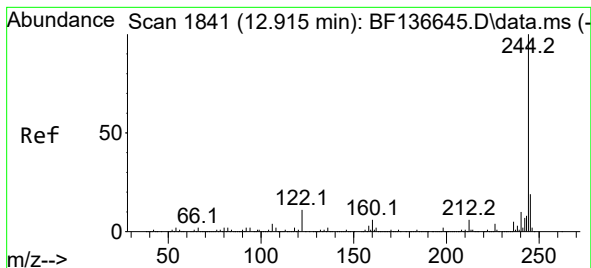
Tgt Ion:184 Resp: 177133
Ion Ratio Lower Upper
184 100
185 13.3 11.2 16.8
183 11.3 9.3 13.9



#78
Pyrene
Concen: 43.359 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:202 Resp: 487674
Ion Ratio Lower Upper
202 100
200 19.4 15.9 23.9
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 56.804 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF137004.D

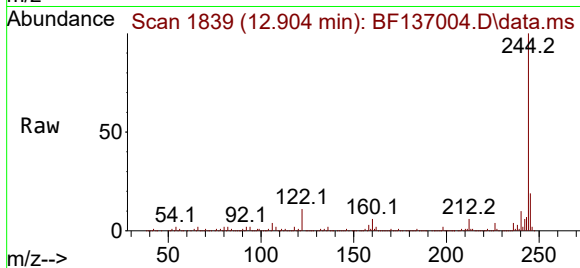
Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS



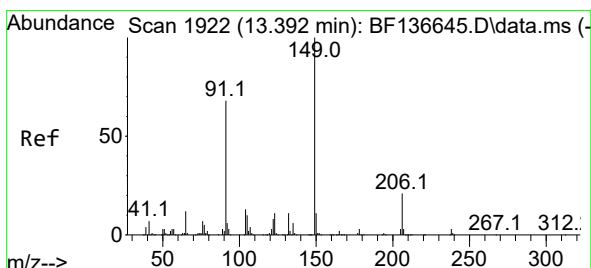
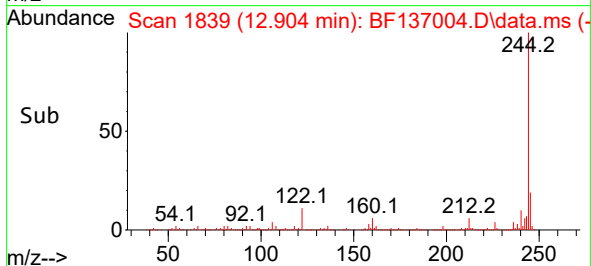
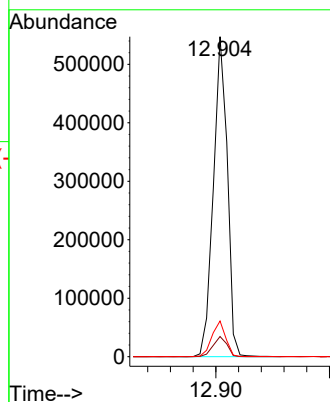
Tgt Ion:244 Resp: 465723

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.1 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.916 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

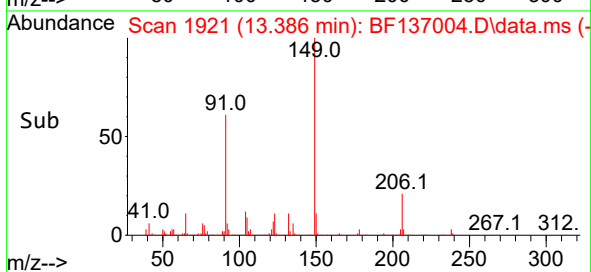
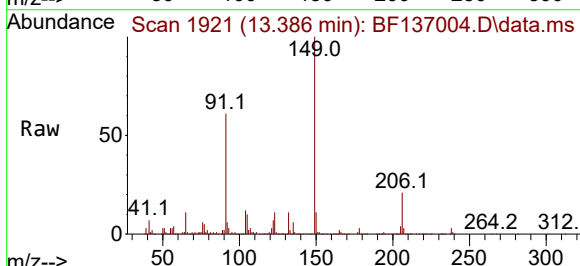
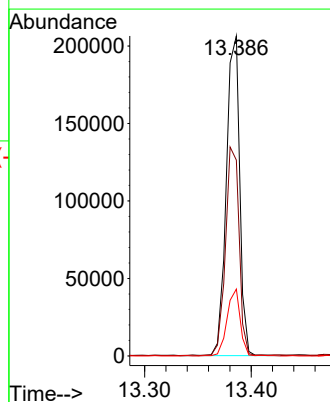
Tgt Ion:149 Resp: 179730

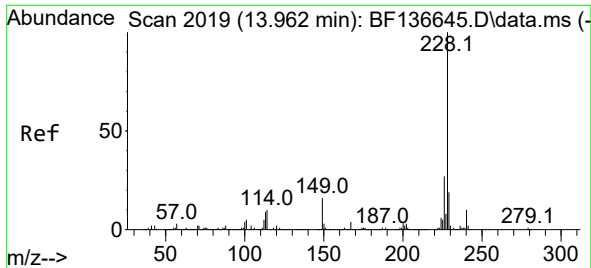
Ion Ratio Lower Upper

149 100

91 61.2 54.1 81.1

206 20.9 17.1 25.7

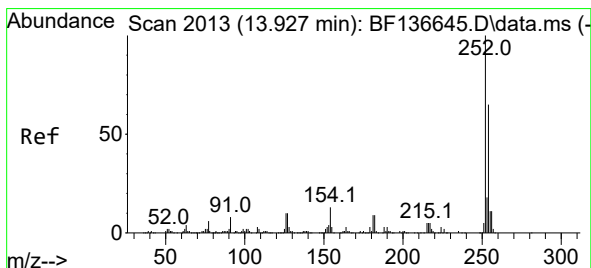
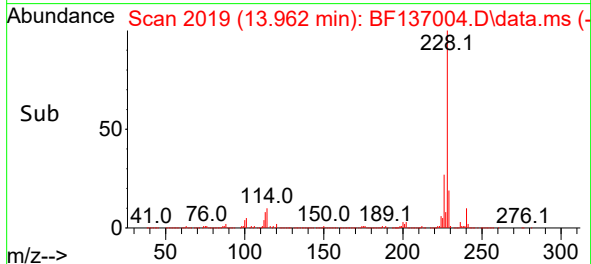
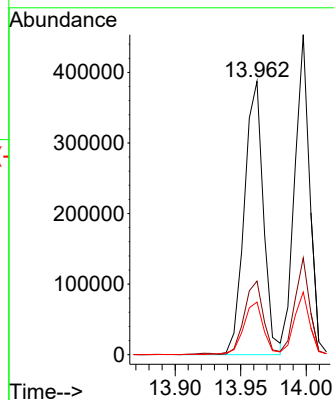
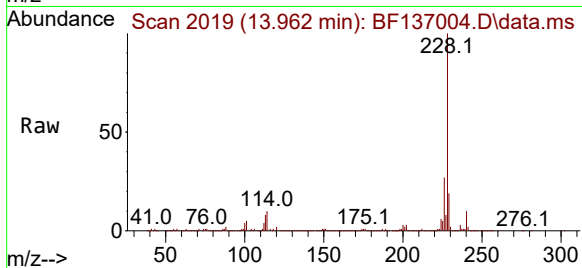




#81
Benzo(a)anthracene
Concen: 49.450 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

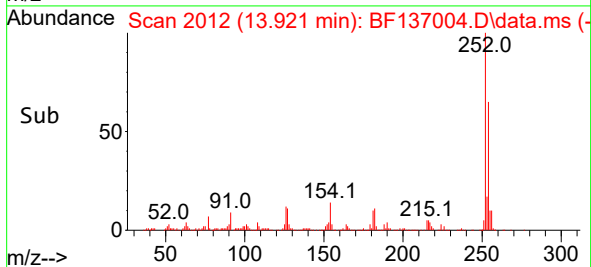
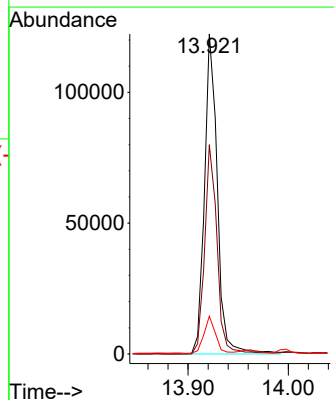
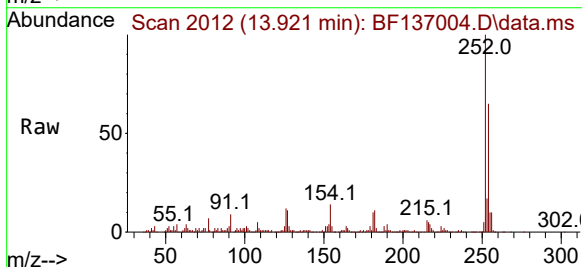
Instrument :
BNA_F
ClientSampleId :
340MS

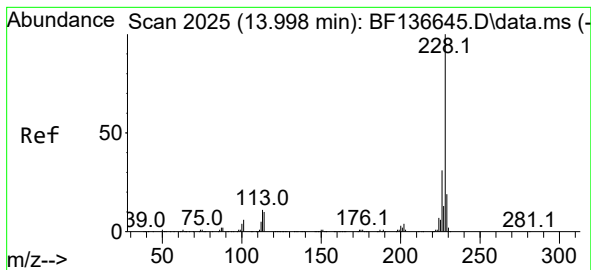
Tgt Ion:228 Resp: 393423
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.3 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 48.397 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF137004.D
Acq: 08 Jan 2024 20:04

Tgt Ion:252 Resp: 109350
Ion Ratio Lower Upper
252 100
254 65.4 52.2 78.4
126 11.8 8.0 12.0





#83

Chrysene

Concen: 46.244 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

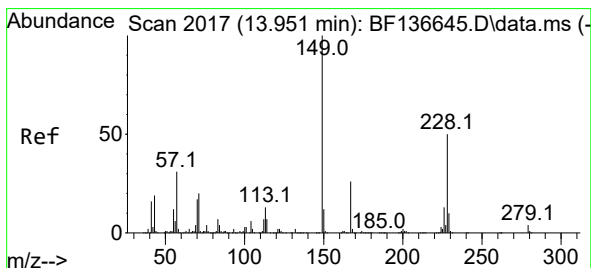
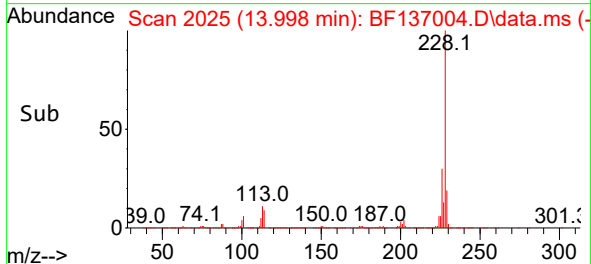
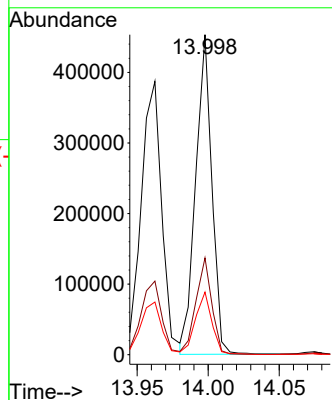
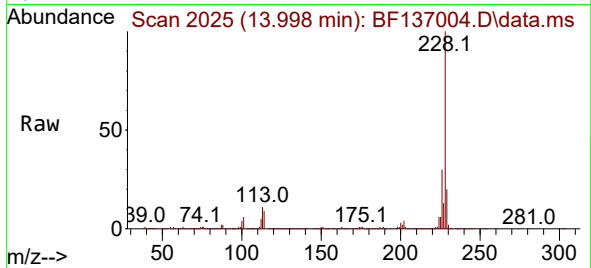
Tgt Ion:228 Resp: 359783

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

229 19.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.375 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

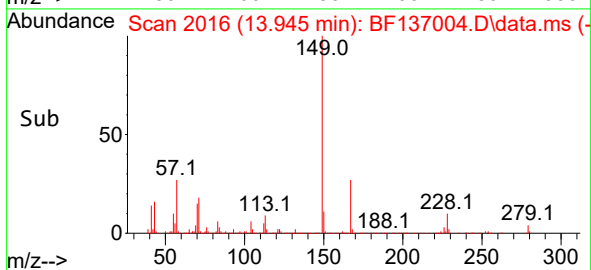
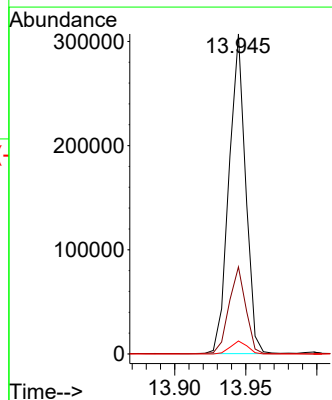
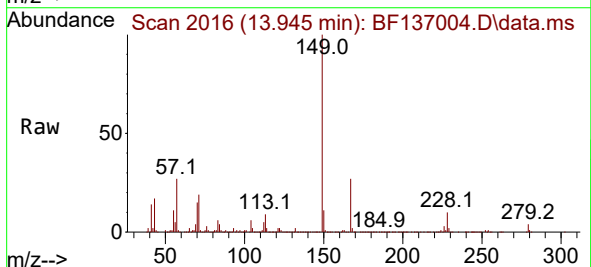
Tgt Ion:149 Resp: 249098

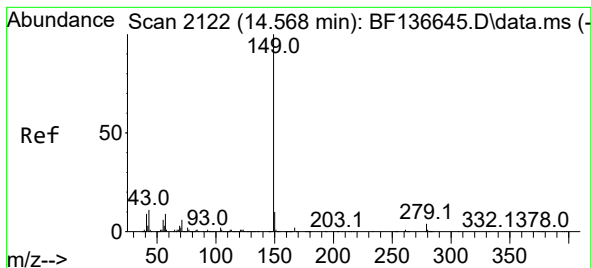
Ion Ratio Lower Upper

149 100

167 27.2 20.9 31.3

279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 53.001 ng

RT: 14.562 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

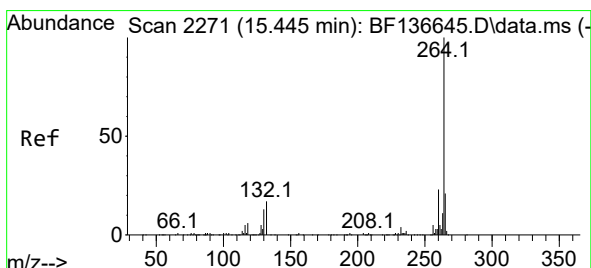
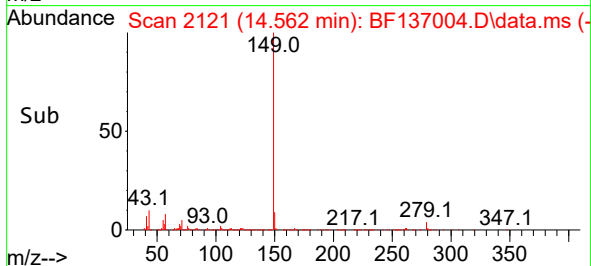
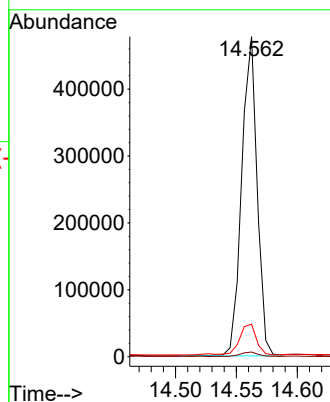
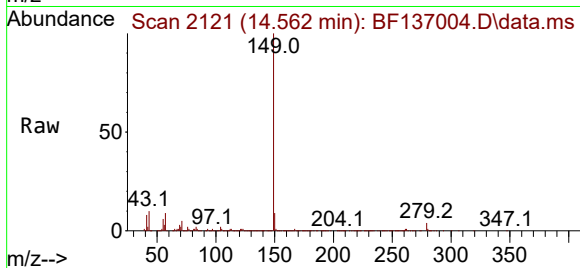
Tgt Ion:149 Resp: 422162

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

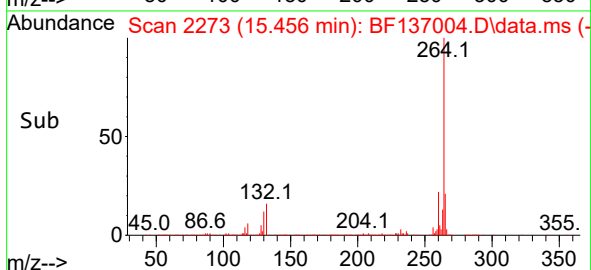
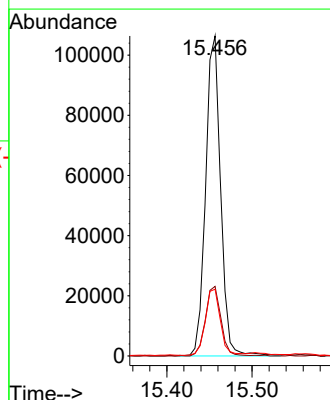
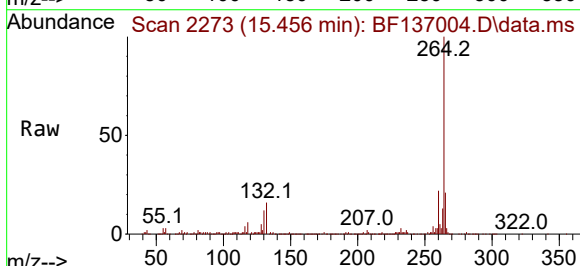
Tgt Ion:264 Resp: 130000

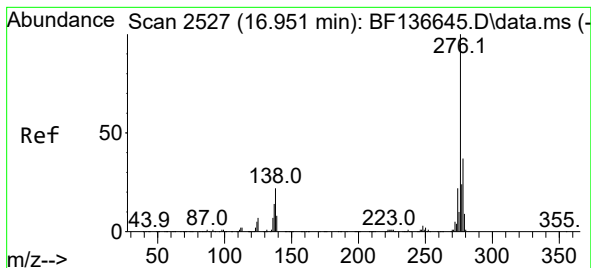
Ion Ratio Lower Upper

264 100

260 21.8 18.3 27.5

265 20.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.791 ng

RT: 16.980 min Scan# 2198

Delta R.T. 0.029 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

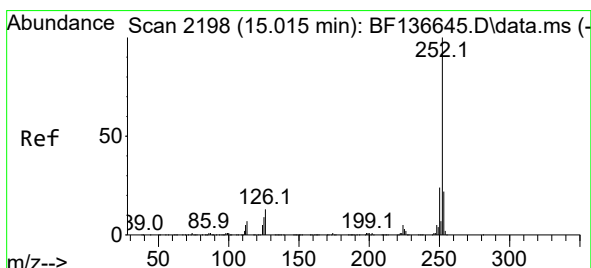
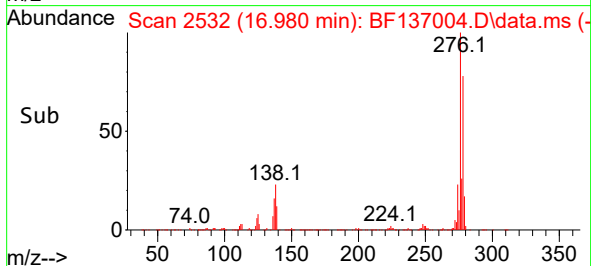
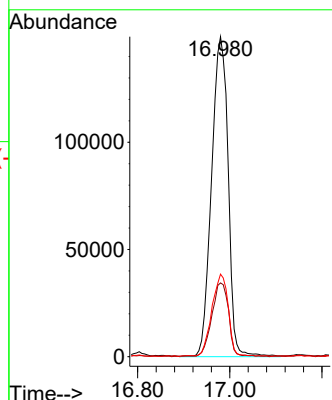
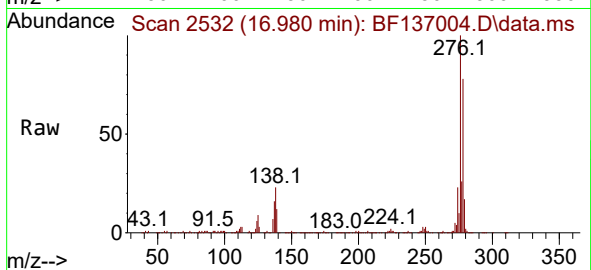
Tgt Ion:276 Resp: 373482

Ion Ratio Lower Upper

276 100

138 23.4 18.7 28.1

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.481 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

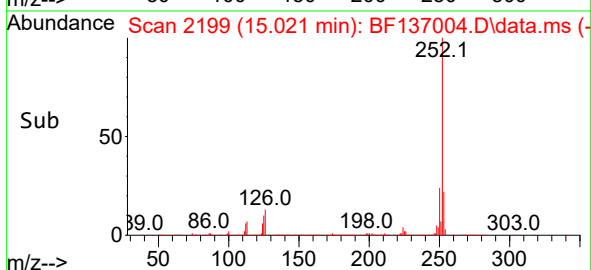
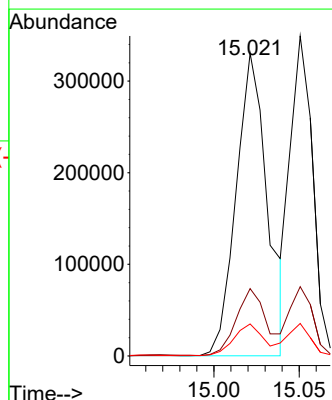
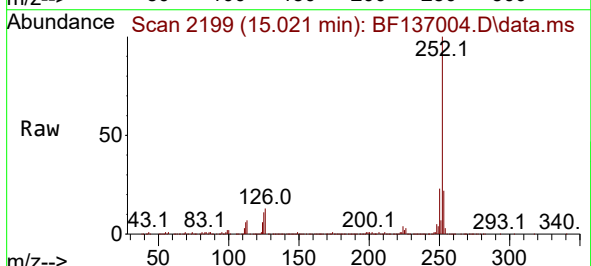
Tgt Ion:252 Resp: 420949

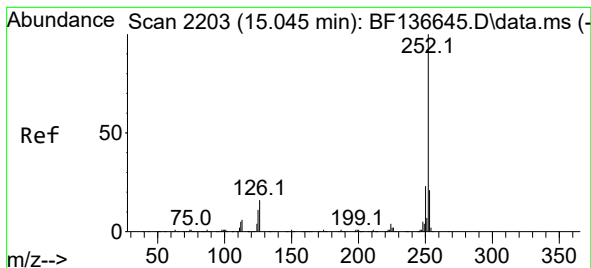
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 38.890 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

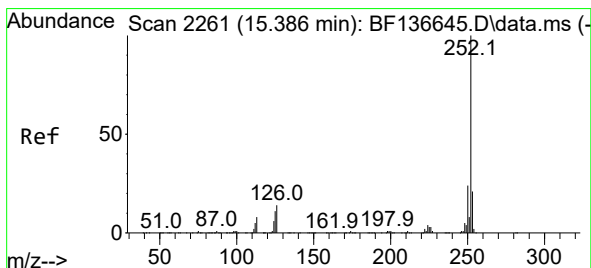
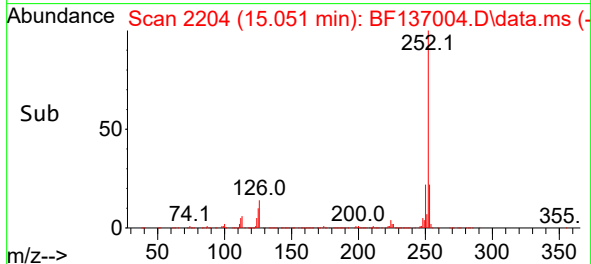
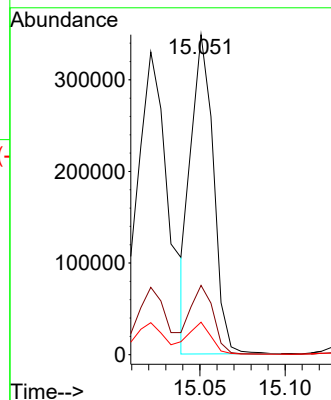
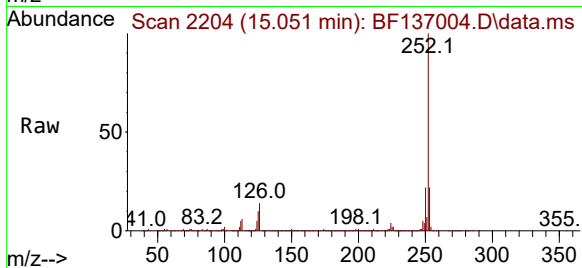
Tgt Ion:252 Resp: 319074

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 10.2 8.2 12.4



#90

Benzo(a)pyrene

Concen: 46.624 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

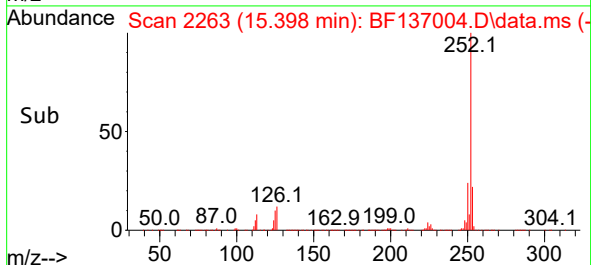
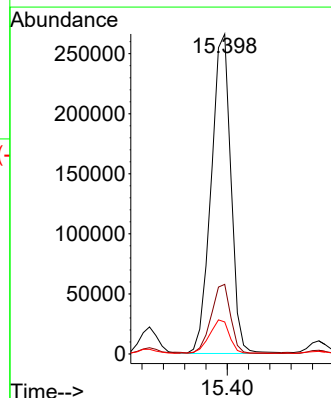
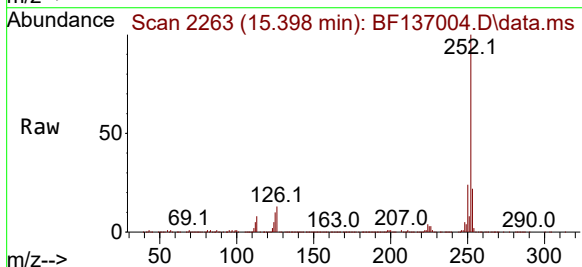
Tgt Ion:252 Resp: 341714

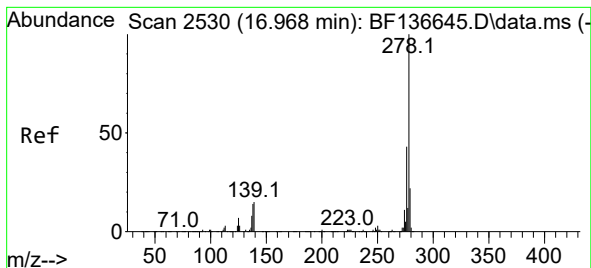
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 10.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 38.901 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Instrument :

BNA_F

ClientSampleId :

340MS

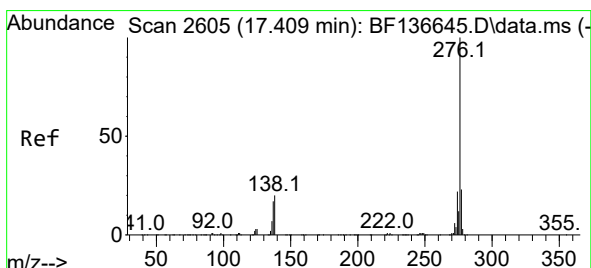
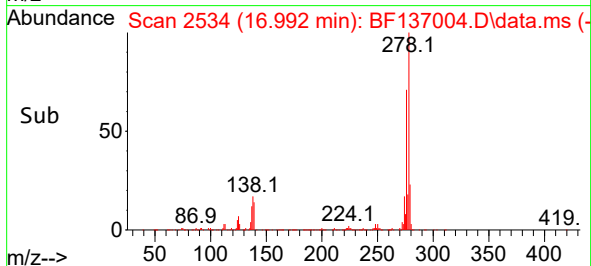
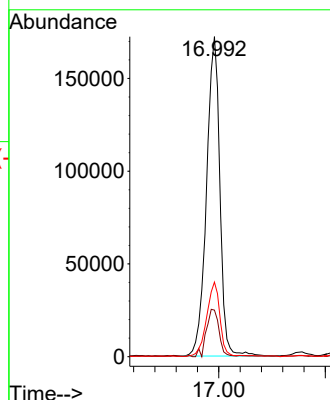
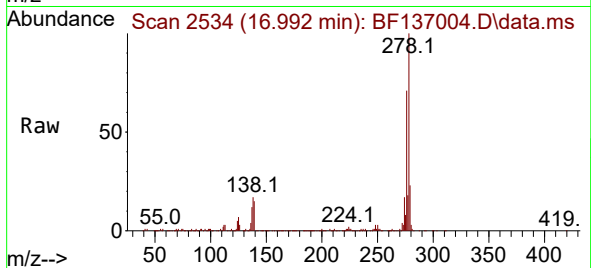
Tgt Ion:278 Resp: 299552

Ion Ratio Lower Upper

278 100

139 14.5 12.2 18.4

279 23.3 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 36.361 ng

RT: 17.439 min Scan# 2610

Delta R.T. 0.029 min

Lab File: BF137004.D

Acq: 08 Jan 2024 20:04

Tgt Ion:276 Resp: 286772

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 19.6 15.6 23.4

