

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF137005.D
 Acq On : 08 Jan 2024 20:35
 Operator : CG\JU
 Sample : P1051-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 340MSD

Quant Time: Jan 09 00:43:24 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	6.787	152	65635	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	247979	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	119844	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	193537	20.000	ng	0.00
76) Chrysene-d12	13.974	240	115382	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	131876	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	422853	100.521	ng	0.01
7) Phenol-d6	6.440	99	529217	97.091	ng	0.00
23) Nitrobenzene-d5	7.351	82	327331	67.546	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	127818	90.559	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	616621	69.202	ng	-0.01
79) Terphenyl-d14	12.904	244	454016	54.989	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	68700	39.196	ng	96
3) Pyridine	3.381	79	162370	37.968	ng	93
4) n-Nitrosodimethylamine	3.352	42	91136	39.907	ng	97
6) Aniline	6.451	93	186145	34.157	ng	# 21
8) 2-Chlorophenol	6.581	128	203041	44.107	ng	92
9) Benzaldehyde	6.340	77	32422	10.457	ng	97
10) Phenol	6.457	94	246196	42.311	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	185472	41.914	ng	97
12) 1,3-Dichlorobenzene	6.728	146	209792	41.776	ng	96
13) 1,4-Dichlorobenzene	6.804	146	211434	41.206	ng	96
14) 1,2-Dichlorobenzene	6.951	146	198898	41.657	ng	98
15) Benzyl Alcohol	6.934	79	162956	44.314	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	292047	40.368	ng	80
17) 2-Methylphenol	7.051	107	157212	41.224	ng	95
18) Hexachloroethane	7.287	117	82051	44.031	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	149923	45.373	ng	94
20) 3+4-Methylphenols	7.204	107	203518	42.716	ng	# 68
22) Acetophenone	7.198	105	284803	45.821	ng	# 89
24) Nitrobenzene	7.369	77	202810	41.778	ng	99
25) Isophorone	7.610	82	371160	42.091	ng	98
26) 2-Nitrophenol	7.687	139	106878	46.016	ng	98
27) 2,4-Dimethylphenol	7.728	122	154499	54.639	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	233149	43.498	ng	100
29) 2,4-Dichlorophenol	7.934	162	159708	43.872	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	173781	42.845	ng	99
31) Naphthalene	8.087	128	584390	42.896	ng	100
32) Benzoic acid	7.875	122	108006	39.477	ng	93
33) 4-Chloroaniline	8.139	127	81608	16.224	ng	96
34) Hexachlorobutadiene	8.198	225	101776	41.300	ng	99
35) Caprolactam	8.522	113	43596	36.302	ng	96
36) 4-Chloro-3-methylphenol	8.639	107	171525	41.853	ng	99
37) 2-Methylnaphthalene	8.775	142	367209	41.883	ng	100
38) 1-Methylnaphthalene	8.875	142	350118	40.703	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	177820	47.910	ng	98
41) Hexachlorocyclopentadiene	8.922	237	71738	61.807	ng	95
43) 2,4,6-Trichlorophenol	9.063	196	108222	45.466	ng	98

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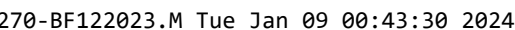
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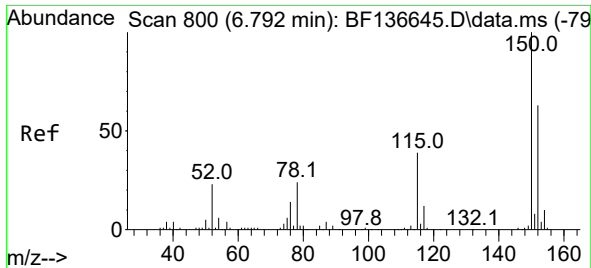
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	114395	43.128	ng	99
46) 1,1'-Biphenyl	9.245	154	467469	46.483	ng	98
47) 2-Chloronaphthalene	9.269	162	324557	42.452	ng	99
48) 2-Nitroaniline	9.375	65	105898	44.233	ng	95
49) Acenaphthylene	9.686	152	551538	47.198	ng	100
50) Dimethylphthalate	9.545	163	390270	44.583	ng	99
51) 2,6-Dinitrotoluene	9.616	165	85864	43.220	ng	95
52) Acenaphthene	9.857	154	310999	42.933	ng	99
53) 3-Nitroaniline	9.786	138	64398	30.600	ng	94
54) 2,4-Dinitrophenol	9.904	184	51834	48.614	ng	98
55) Dibenzofuran	10.028	168	465715	42.413	ng	100
56) 4-Nitrophenol	9.969	139	90598	63.772	ng	94
57) 2,4-Dinitrotoluene	10.022	165	100166	38.838	ng #	92
58) Fluorene	10.375	166	372008	42.698	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	86930	42.575	ng #	97
60) Diethylphthalate	10.245	149	381269	41.978	ng	98
61) 4-Chlorophenyl-phenylether	10.363	204	178244	42.089	ng	96
62) 4-Nitroaniline	10.404	138	69497	34.256	ng	97
63) Azobenzene	10.522	77	339419	40.011	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	37120	33.467	ng	98
66) n-Nitrosodiphenylamine	10.486	169	319052	50.748	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	100862	46.926	ng	92
68) Hexachlorobenzene	10.922	284	106965	44.657	ng	97
69) Atrazine	11.022	200	93565	58.187	ng	96
70) Pentachlorophenol	11.128	266	81993	73.439	ng	95
71) Phenanthrene	11.339	178	487309	49.072	ng	99
72) Anthracene	11.392	178	466725	46.408	ng	99
73) Carbazole	11.551	167	401390	42.332	ng	100
74) Di-n-butylphthalate	11.880	149	532156	45.994	ng	98
75) Fluoranthene	12.533	202	492702	46.384	ng	98
77) Benzidine	12.663	184	193776	56.957	ng	99
78) Pyrene	12.763	202	483306	42.670	ng	100
80) Butylbenzylphthalate	13.386	149	175206	42.511	ng	96
81) Benzo(a)anthracene	13.963	228	408247	50.954	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	121273	53.299	ng	99
83) Chrysene	13.998	228	375046	47.869	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	247937	47.813	ng	97
85) Di-n-octyl phthalate	14.563	149	428423	53.411	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	381756	40.094	ng	99
88) Benzo(b)fluoranthene	15.021	252	434276	49.304	ng	98
89) Benzo(k)fluoranthene	15.051	252	348348	41.854	ng	99
90) Benzo(a)pyrene	15.398	252	357268	48.052	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	301819	38.638	ng	98
92) Benzo(g,h,i)perylene	17.439	276	291869	36.481	ng	99

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

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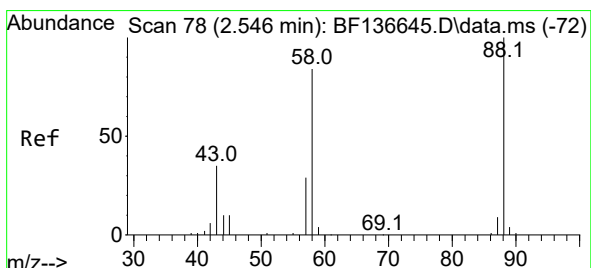
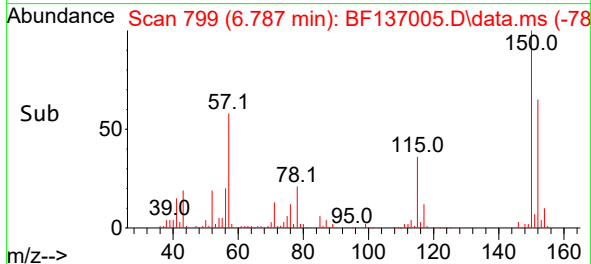
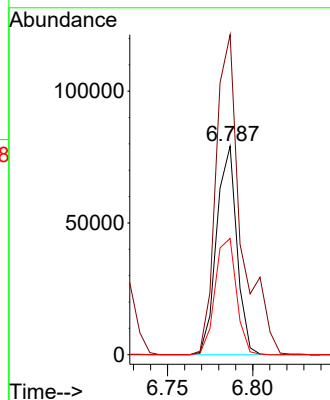
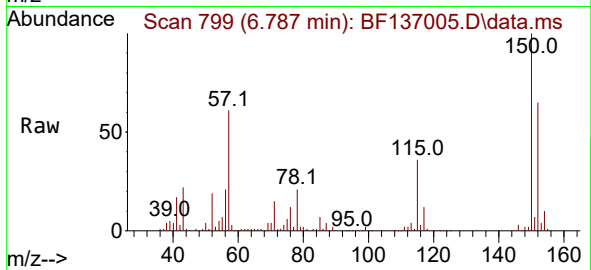




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137005.D
 Acq: 08 Jan 2024 20:35

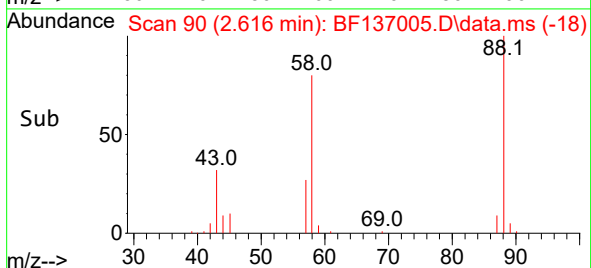
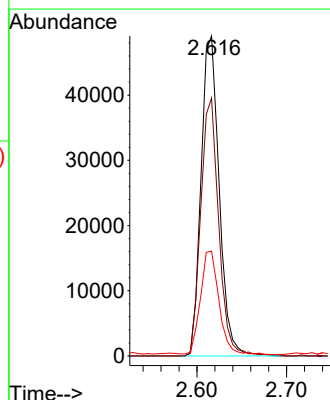
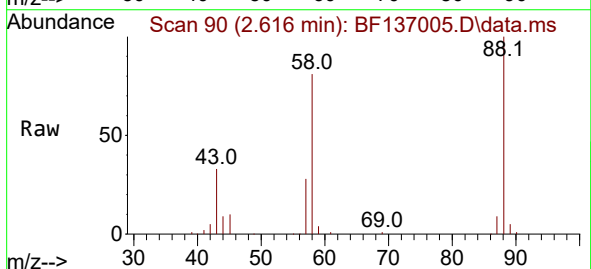
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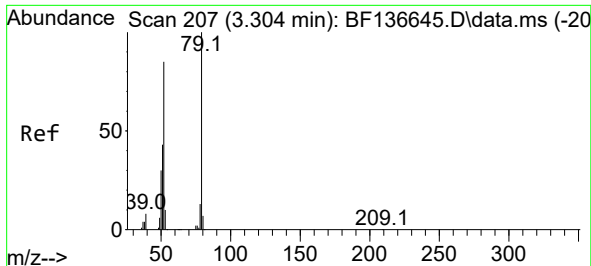
Tgt Ion:152 Resp: 65635
 Ion Ratio Lower Upper
 152 100
 150 153.5 127.0 190.6
 115 55.8 49.0 73.4



#2
 1,4-Dioxane
 Concen: 39.196 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.071 min
 Lab File: BF137005.D
 Acq: 08 Jan 2024 20:35

Tgt Ion: 88 Resp: 68700
 Ion Ratio Lower Upper
 88 100
 58 80.2 67.4 101.0
 43 33.4 27.7 41.5

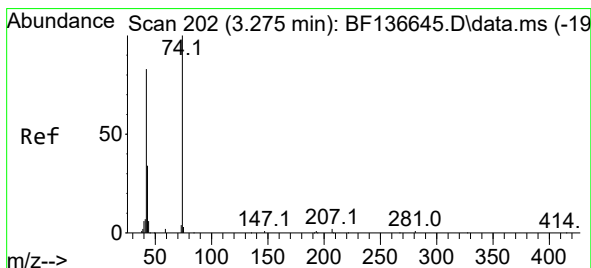
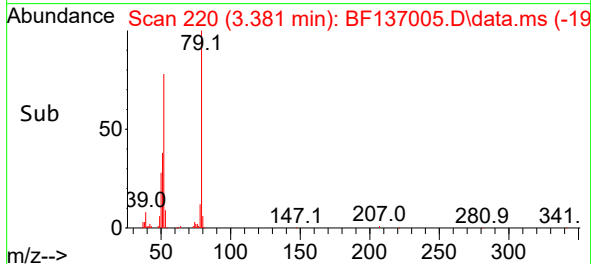
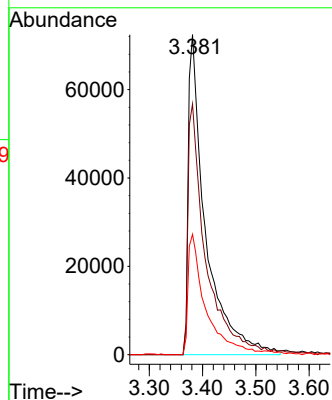
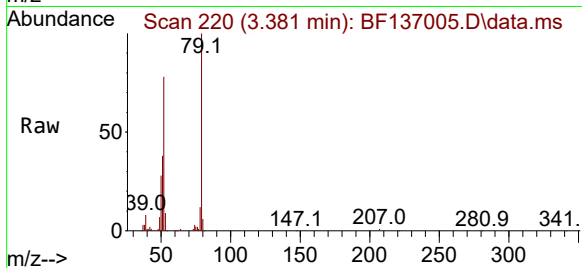




#3
Pyridine
Concen: 37.968 ng
RT: 3.381 min Scan# 215
Delta R.T. 0.077 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

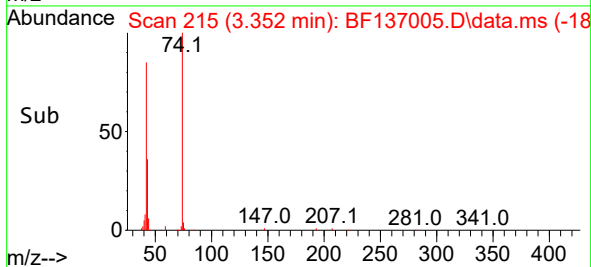
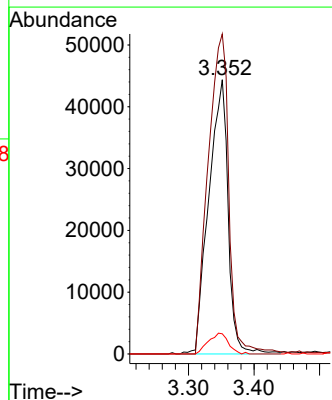
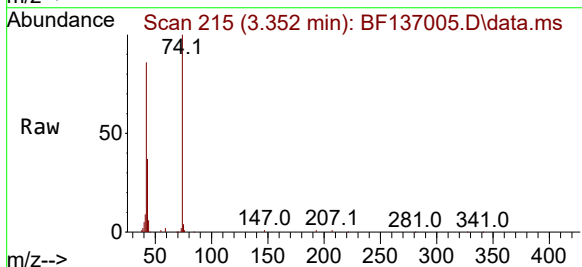
Instrument :
BNA_F
ClientSampleId :
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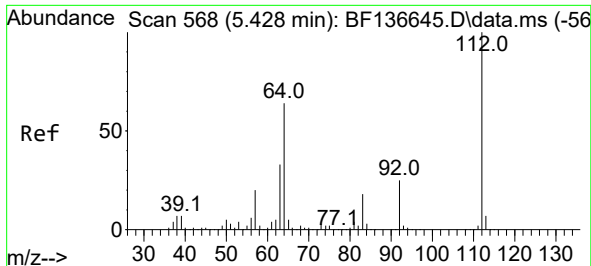
Tgt Ion: 79 Resp: 162370
Ion Ratio Lower Upper
79 100
52 78.3 67.7 101.5
51 37.6 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 39.907 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.077 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion: 42 Resp: 91136
Ion Ratio Lower Upper
42 100
74 116.7 96.0 144.0
44 7.4 5.4 8.2

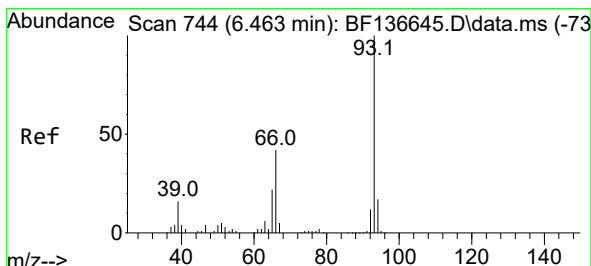
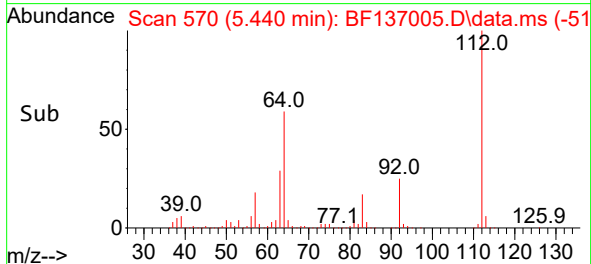
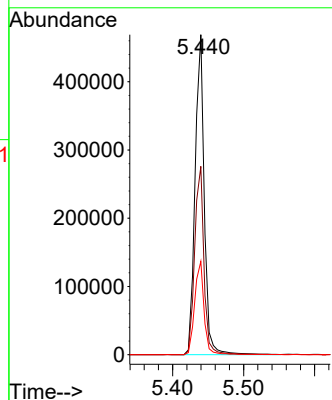
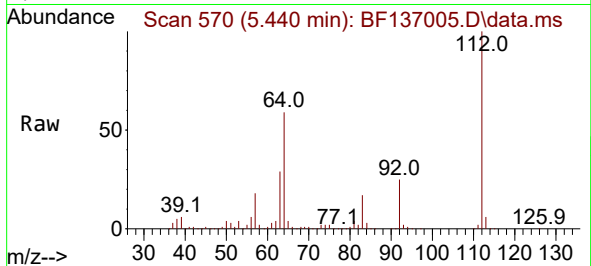




#5
2-Fluorophenol
Concen: 100.521 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

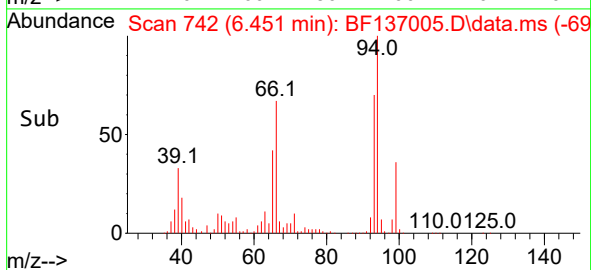
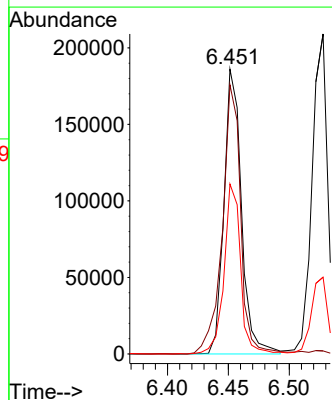
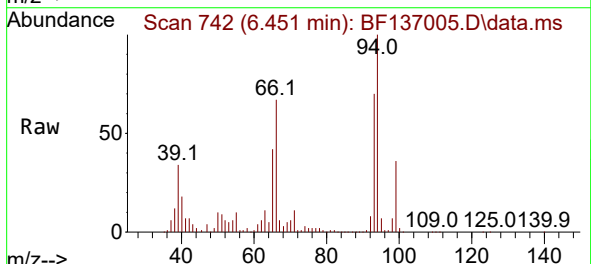
Instrument :
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ClientSampleId :
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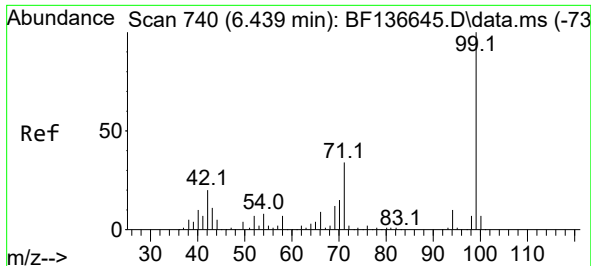
Tgt Ion:112 Resp: 422853
Ion Ratio Lower Upper
112 100
64 58.8 51.1 76.7
63 29.1 26.1 39.1



#6
Aniline
Concen: 34.157 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion: 93 Resp: 186145
Ion Ratio Lower Upper
93 100
66 94.5 34.6 51.8#
65 59.7 17.8 26.8#

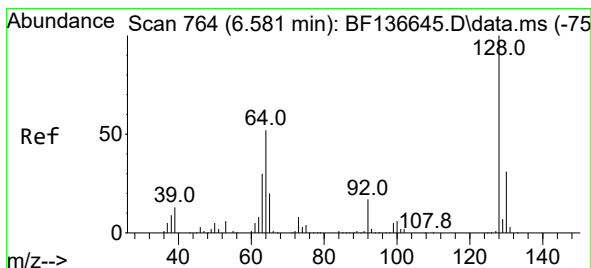
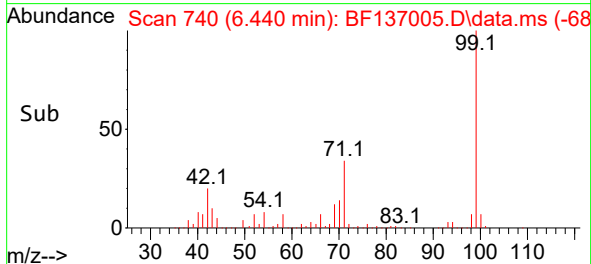
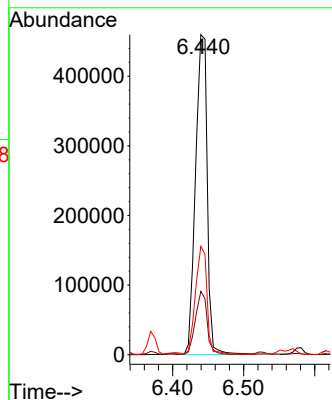
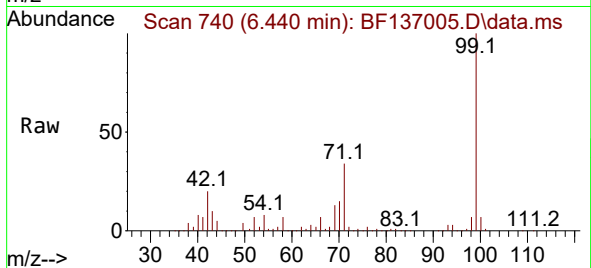




#7
Phenol-d6
Concen: 97.091 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

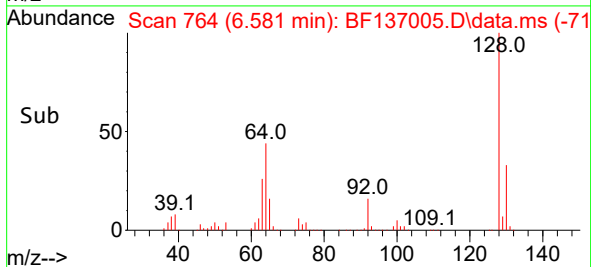
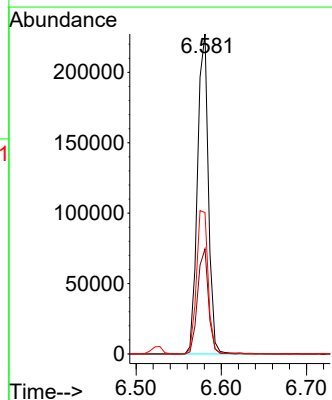
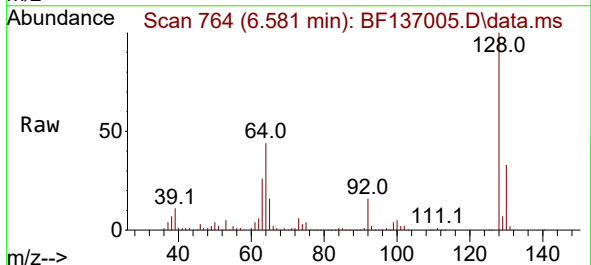
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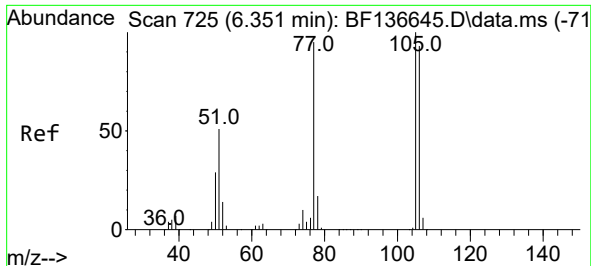
Tgt Ion: 99 Resp: 529217
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.9 27.4 41.2



#8
2-Chlorophenol
Concen: 44.107 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:128 Resp: 203041
Ion Ratio Lower Upper
128 100
130 32.8 11.3 51.3
64 44.2 32.5 72.5

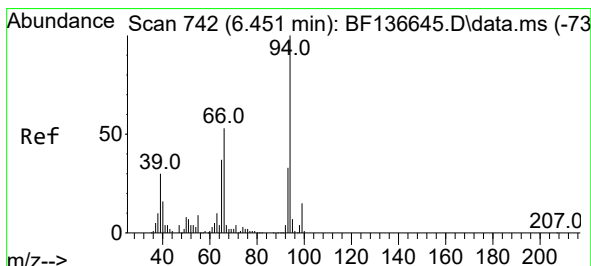
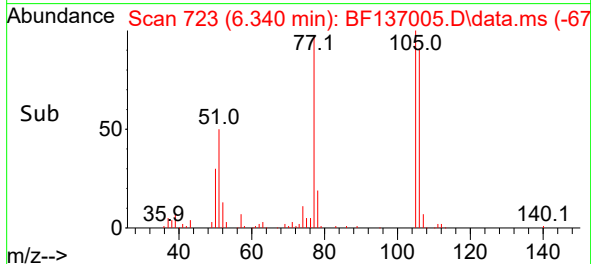
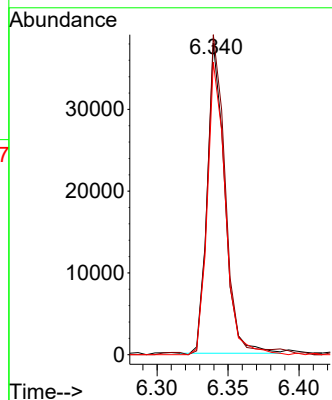
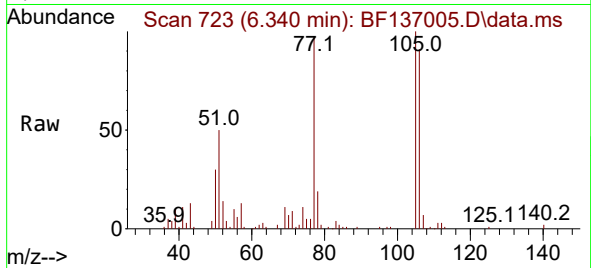




#9
Benzaldehyde
Concen: 10.457 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

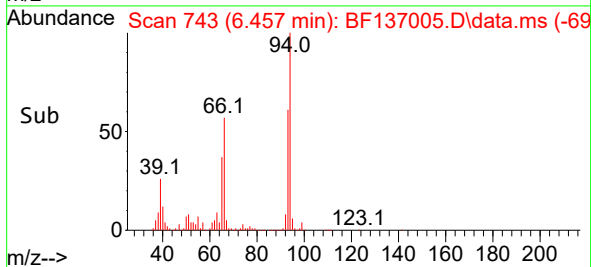
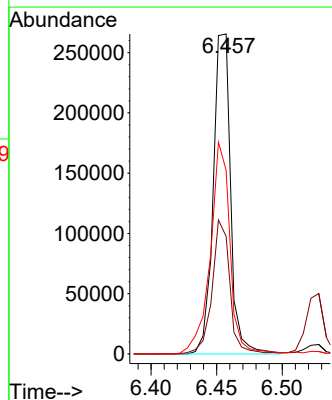
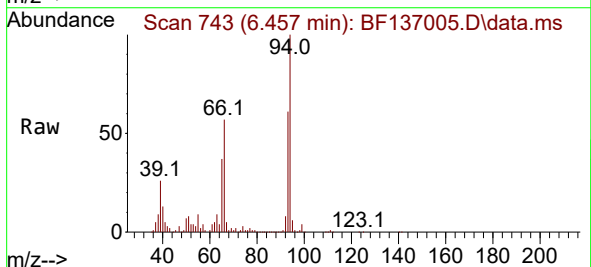
Instrument :
BNA_F
ClientSampleId :
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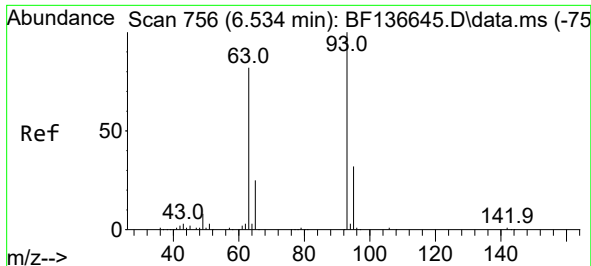
Tgt Ion: 77 Resp: 32422
Ion Ratio Lower Upper
77 100
105 102.7 84.8 124.8
106 93.9 77.8 117.8



#10
Phenol
Concen: 42.311 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion: 94 Resp: 246196
Ion Ratio Lower Upper
94 100
65 36.8 16.6 56.6
66 57.4 32.6 72.6

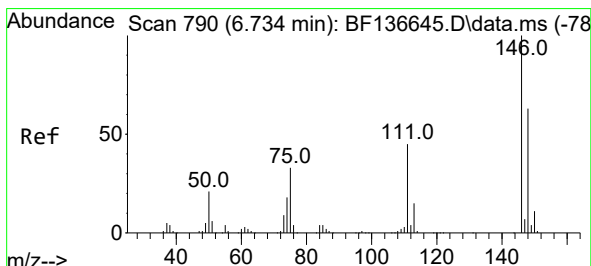
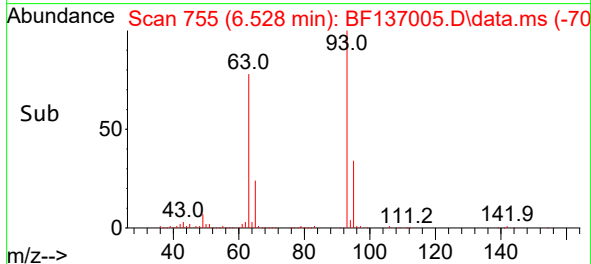
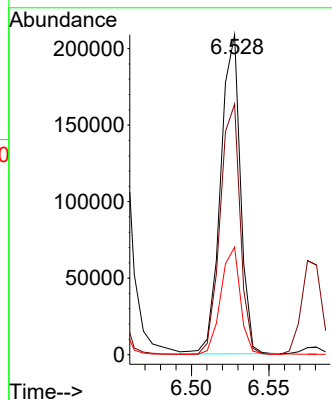
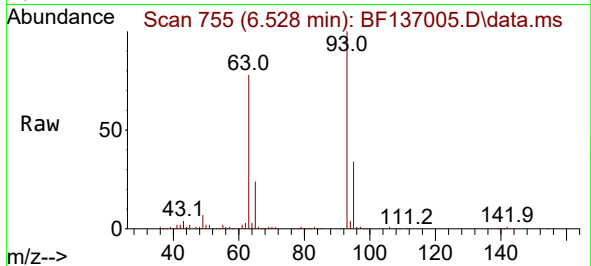




#11
bis(2-Chloroethyl)ether
Concen: 41.914 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

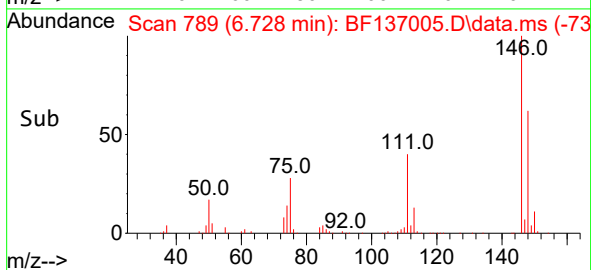
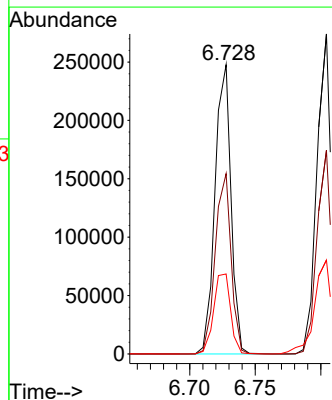
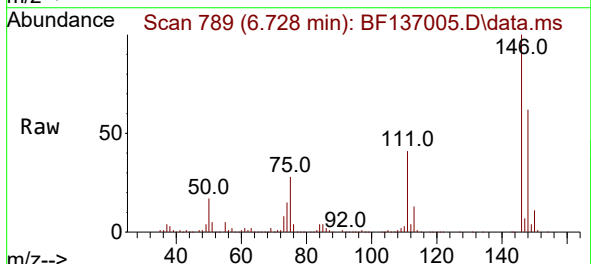
Instrument :
BNA_F
ClientSampleId :
340MSD

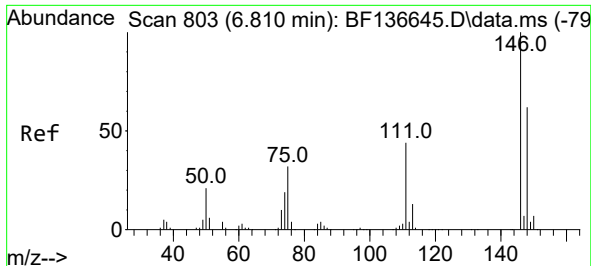
Tgt Ion: 93 Resp: 185472
Ion Ratio Lower Upper
93 100
63 78.3 61.2 101.2
95 33.7 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 41.776 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:146 Resp: 209792
Ion Ratio Lower Upper
146 100
148 62.3 50.5 75.7
75 27.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 41.206 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

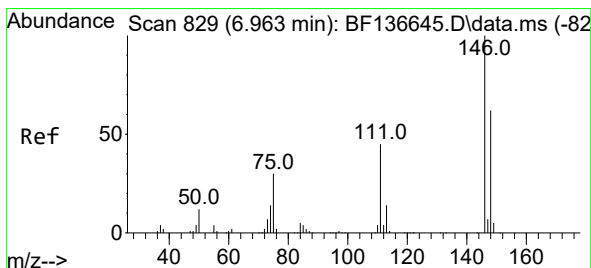
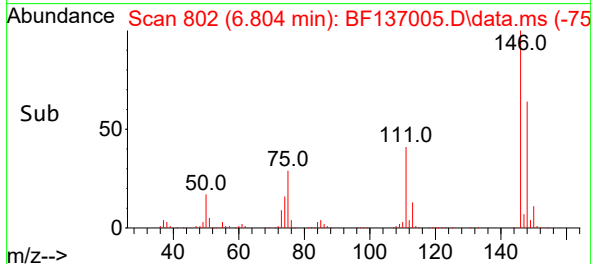
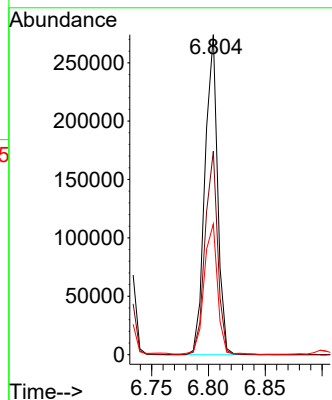
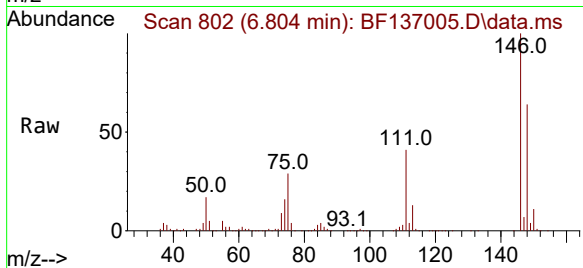
Tgt Ion:146 Resp: 211434

Ion Ratio Lower Upper

146 100

148 63.6 49.2 73.8

111 40.8 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 41.657 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

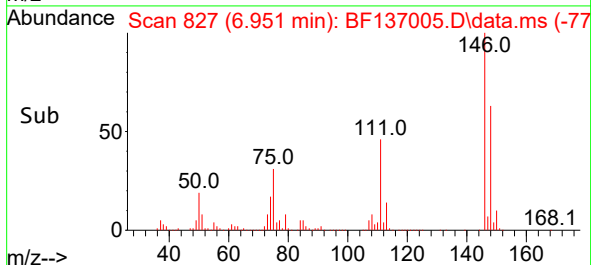
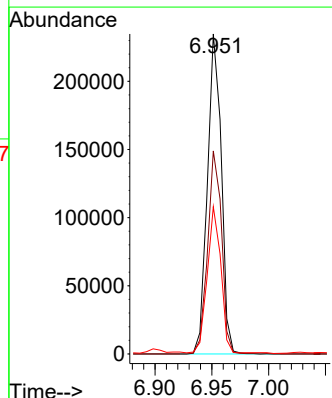
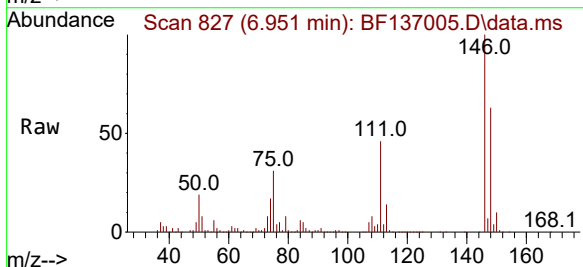
Tgt Ion:146 Resp: 198898

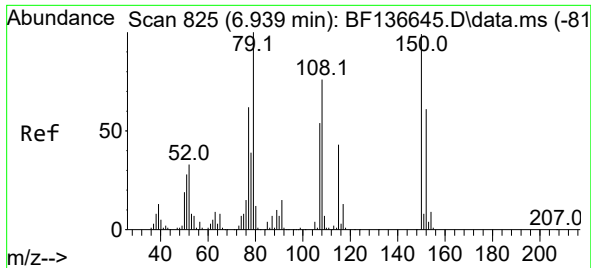
Ion Ratio Lower Upper

146 100

148 63.4 49.6 74.4

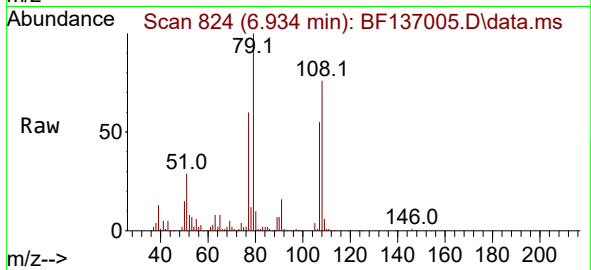
111 46.0 36.2 54.2



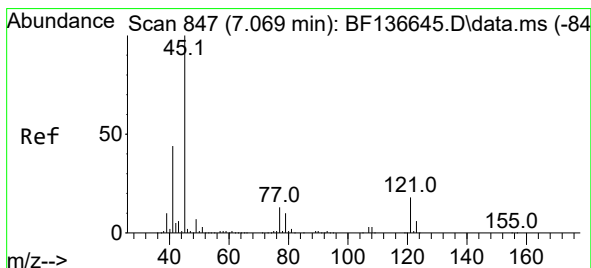
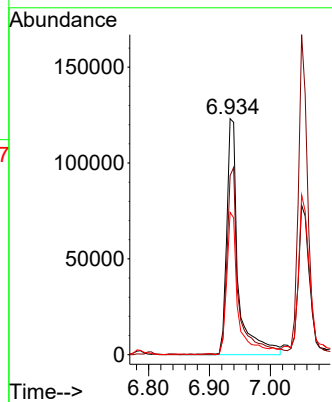
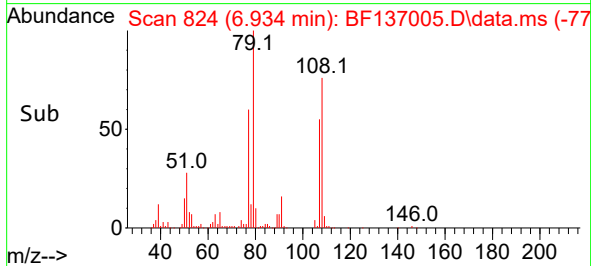


#15
Benzyl Alcohol
Concen: 44.314 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Instrument :
BNA_F
ClientSampleId :
340MSD

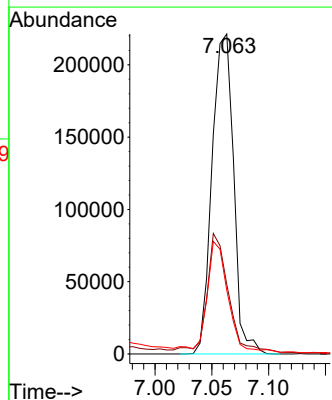
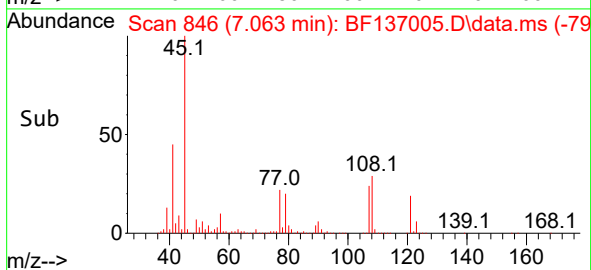
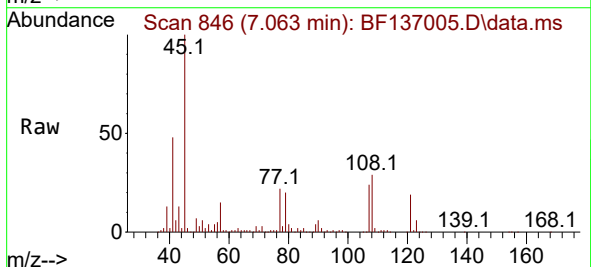


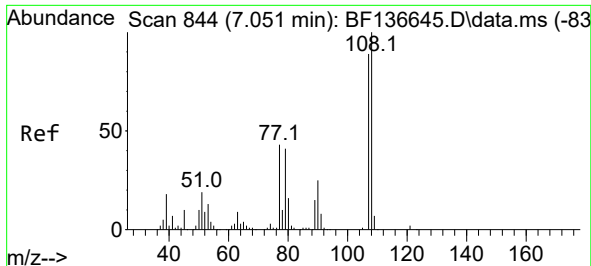
Tgt Ion: 79 Resp: 162956
Ion Ratio Lower Upper
79 100
108 75.9 61.0 91.6
77 60.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.368 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion: 45 Resp: 292047
Ion Ratio Lower Upper
45 100
77 21.7 0.0 34.3
79 19.9 0.0 31.4

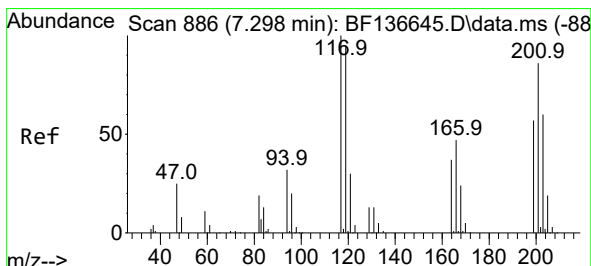
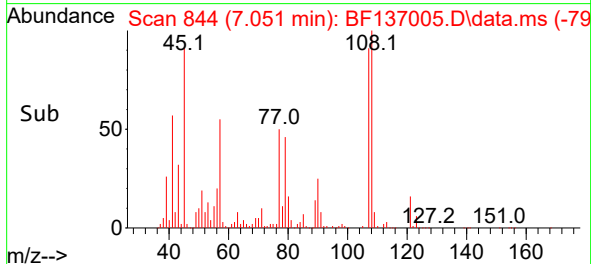
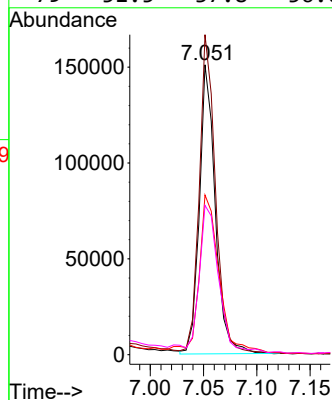
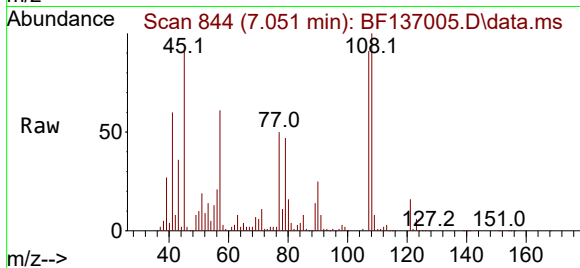




#17
2-Methylphenol
Concen: 41.224 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

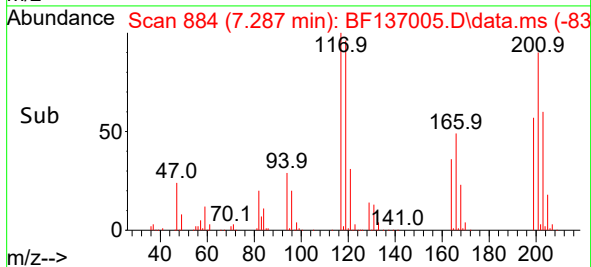
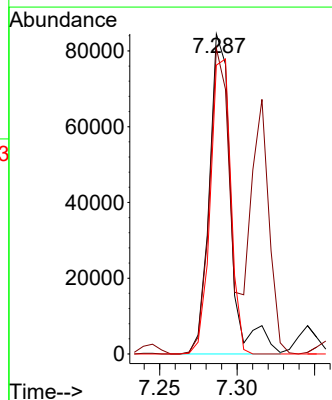
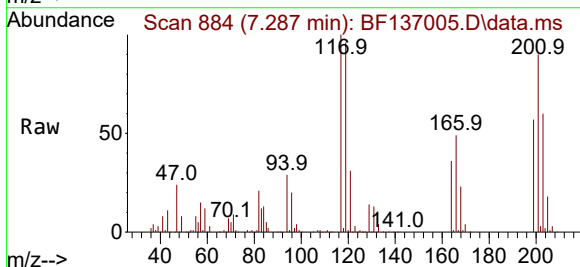
Instrument :
BNA_F
ClientSampleId :
340MSD

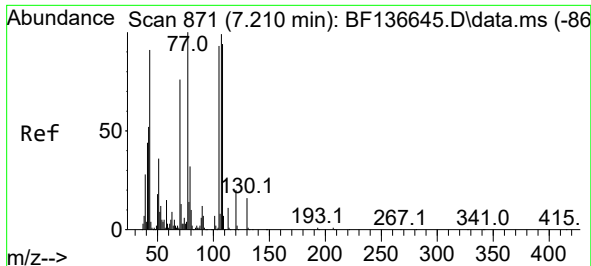
Tgt Ion:	107	Resp:	157212
Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.3	135.5
77	55.1	38.7	58.1
79	51.5	37.8	56.6



#18
Hexachloroethane
Concen: 44.031 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:	117	Resp:	82051
Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.6
201	90.2	69.1	103.7

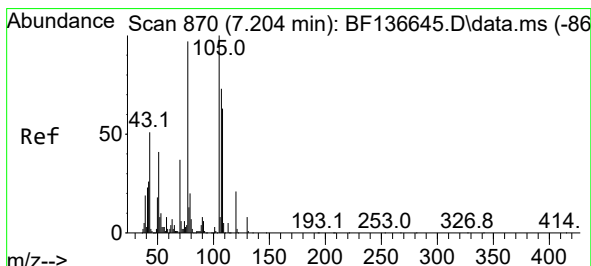
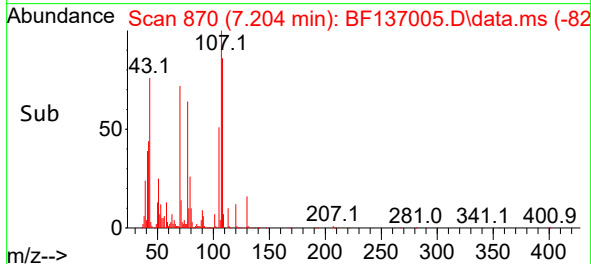
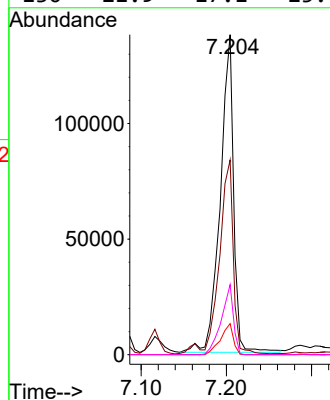
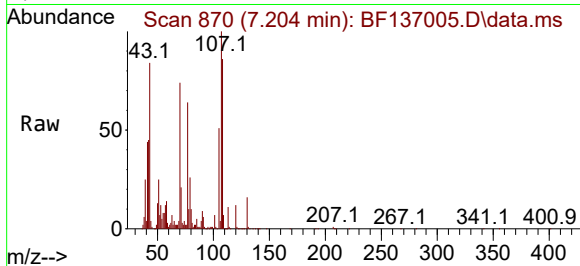




#19
n-Nitroso-di-n-propylamine
Concen: 45.373 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

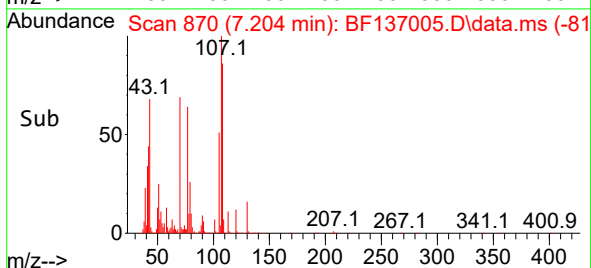
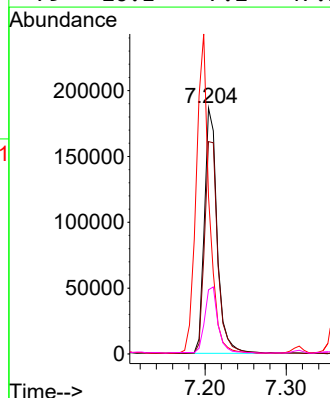
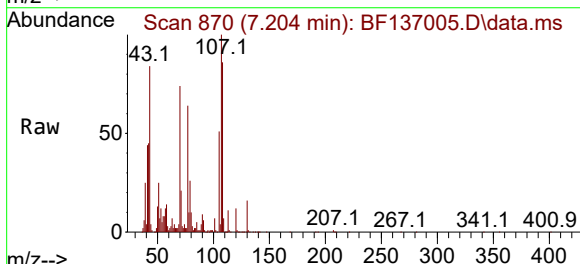
Instrument :
BNA_F
ClientSampleId :
340MSD

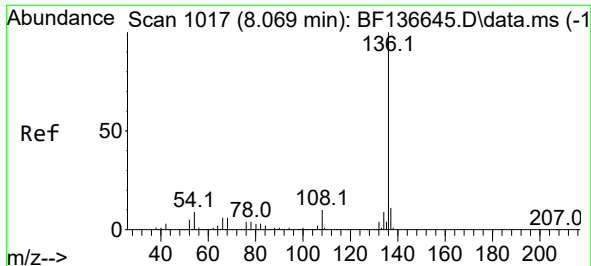
Tgt Ion: 70 Resp: 149923
Ion Ratio Lower Upper
70 100
42 60.9 54.2 81.4
101 9.7 7.6 11.4
130 21.9 17.1 25.7



#20
3+4-Methylphenols
Concen: 42.716 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion: 107 Resp: 203518
Ion Ratio Lower Upper
107 100
108 86.4 66.0 106.0
77 63.9 114.2 154.2#
79 26.1 7.2 47.2

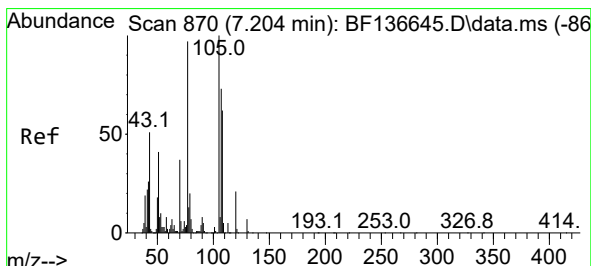
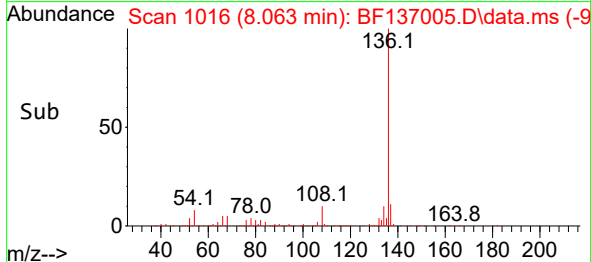
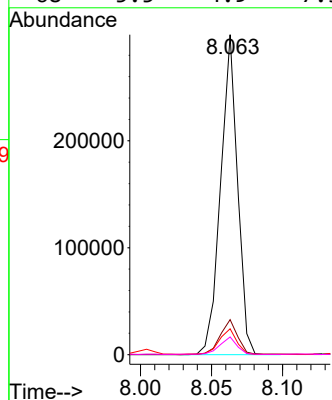
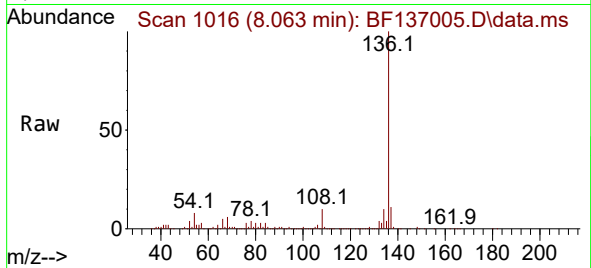




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

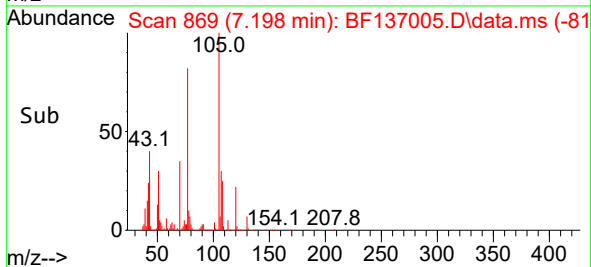
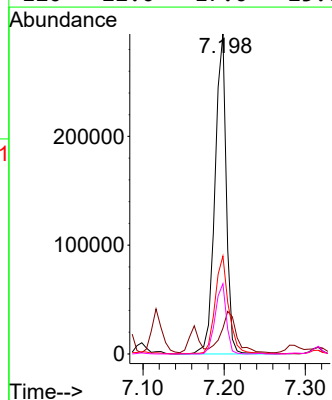
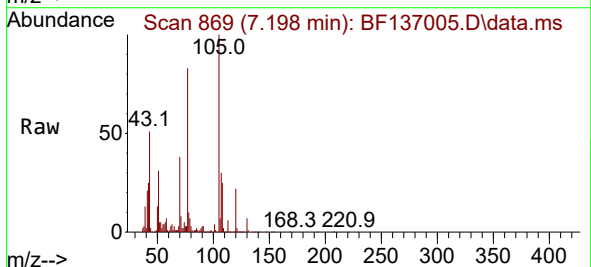
Instrument :
BNA_F
ClientSampleId :
340MSD

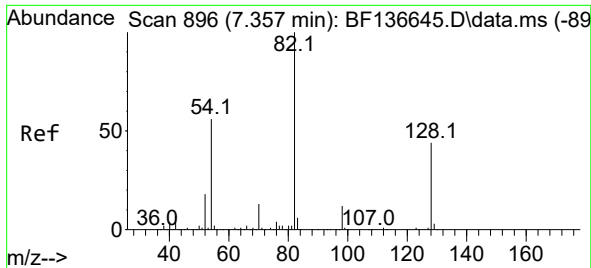
Tgt Ion:	136	Resp:	247979
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.1	7.2	10.8
68	5.5	4.9	7.3



#22
Acetophenone
Concen: 45.821 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:	105	Resp:	284803
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.8	7.2#
51	30.6	32.8	49.2#
120	22.0	17.0	25.6

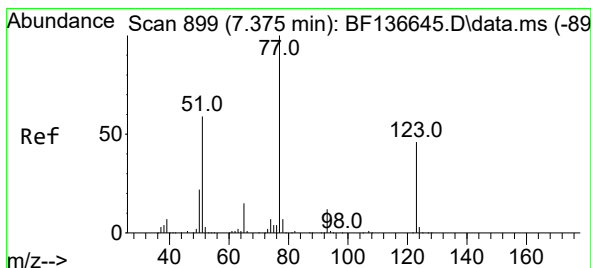
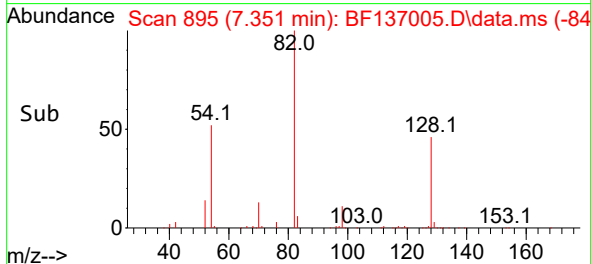
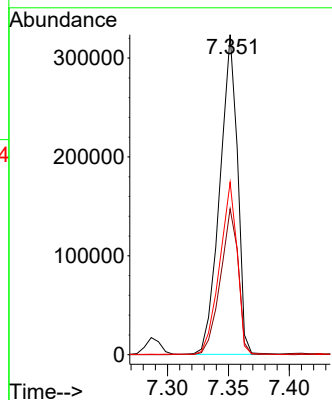
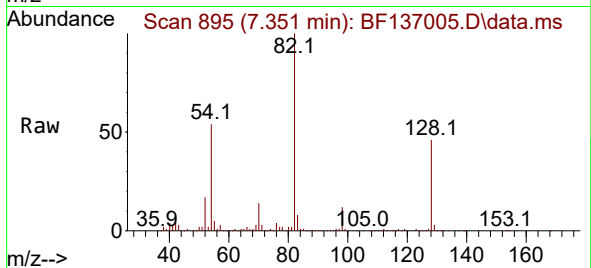




#23
Nitrobenzene-d5
Concen: 67.546 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

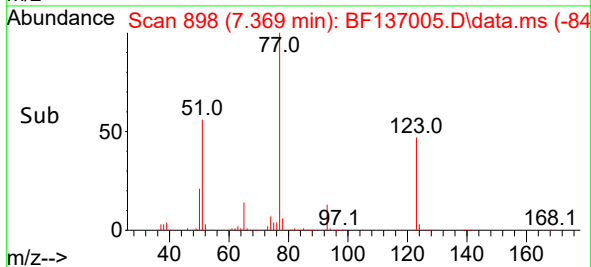
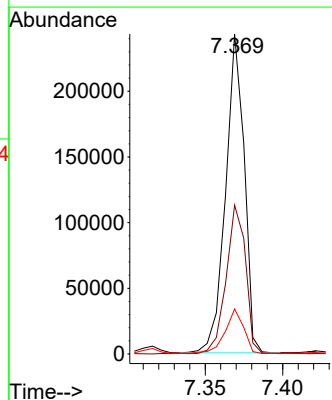
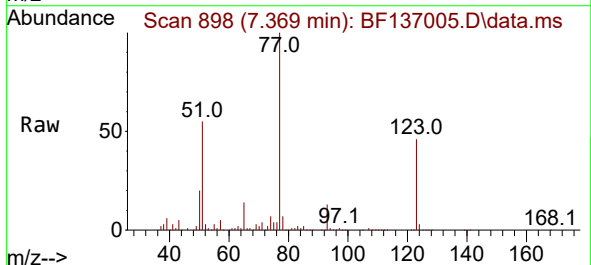
Instrument :
BNA_F
ClientSampleId :
340MSD

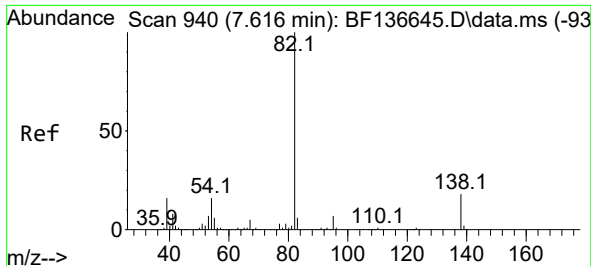
Tgt Ion: 82 Resp: 327331
Ion Ratio Lower Upper
82 100
128 45.6 35.3 52.9
54 53.9 44.5 66.7



#24
Nitrobenzene
Concen: 41.778 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion: 77 Resp: 202810
Ion Ratio Lower Upper
77 100
123 46.5 36.7 55.1
65 14.1 11.8 17.6

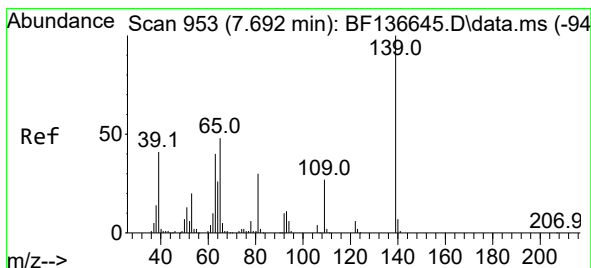
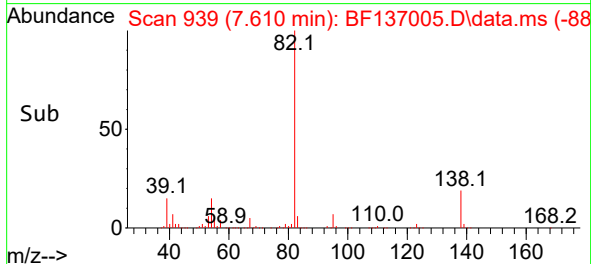
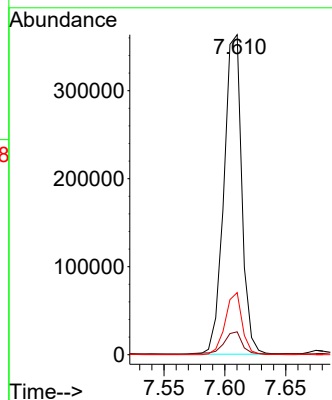
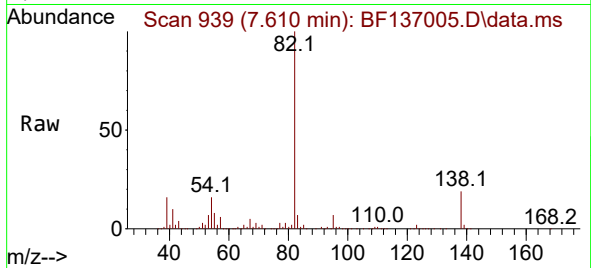




#25
Isophorone
Concen: 42.091 ng
RT: 7.610 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

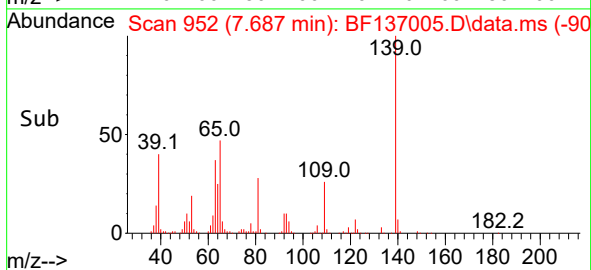
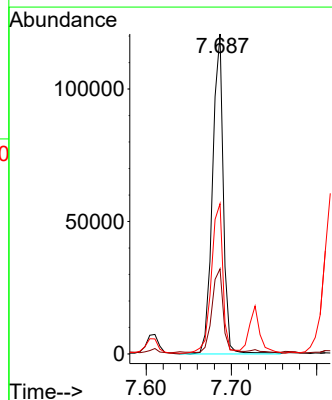
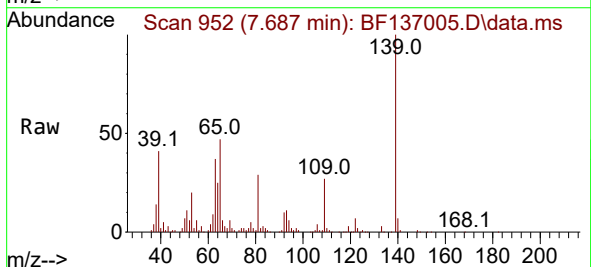
Instrument :
BNA_F
ClientSampleId :
340MSD

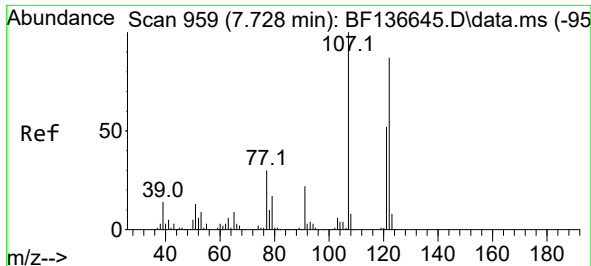
Tgt Ion: 82 Resp: 371160
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 19.4 14.5 21.7



#26
2-Nitrophenol
Concen: 46.016 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

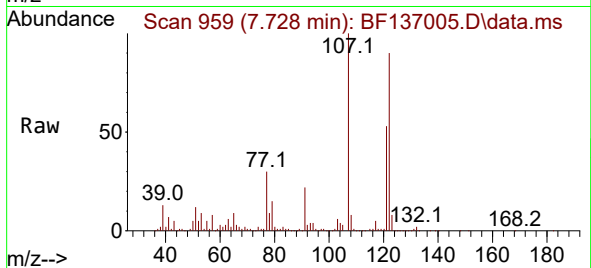
Tgt Ion: 139 Resp: 106878
Ion Ratio Lower Upper
139 100
109 26.6 21.9 32.9
65 46.9 38.6 58.0



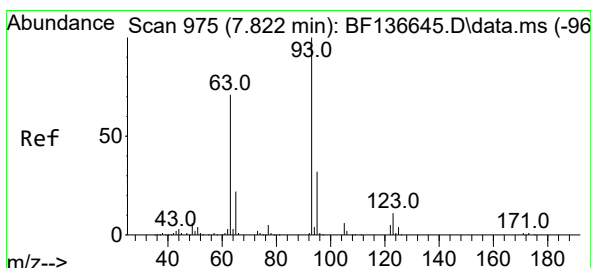
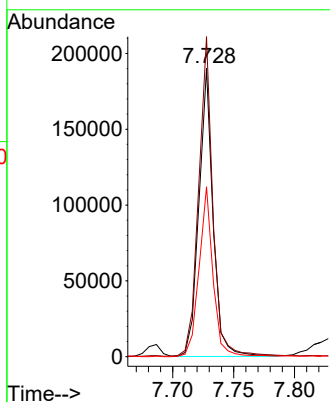
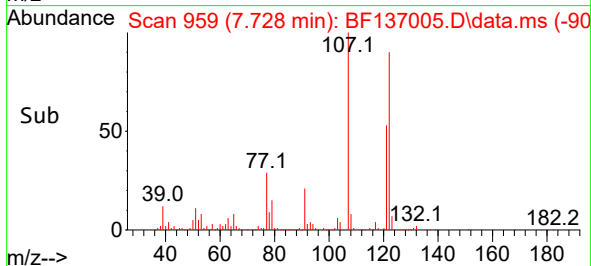


#27
2,4-Dimethylphenol
Concen: 54.639 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

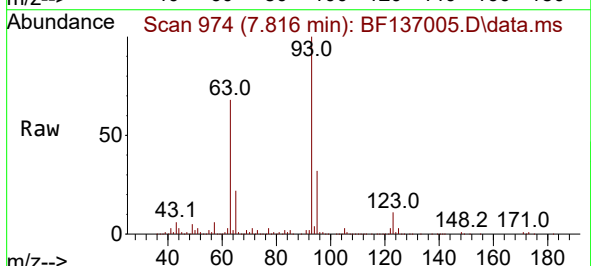
Instrument :
BNA_F
ClientSampleId :
340MSD



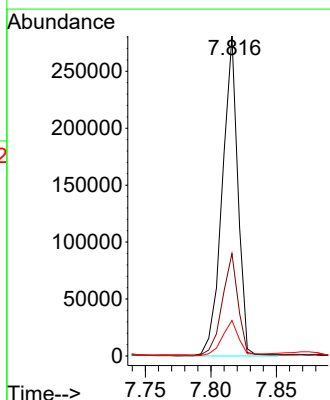
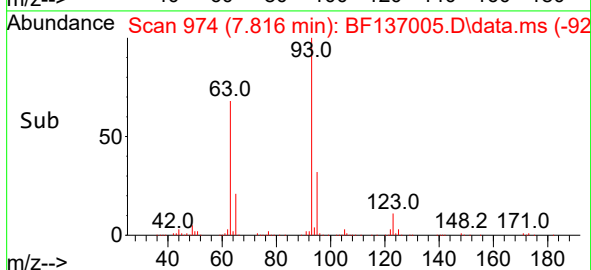
Tgt Ion:122 Resp: 154499
Ion Ratio Lower Upper
122 100
107 111.0 92.0 138.0
121 58.9 47.5 71.3

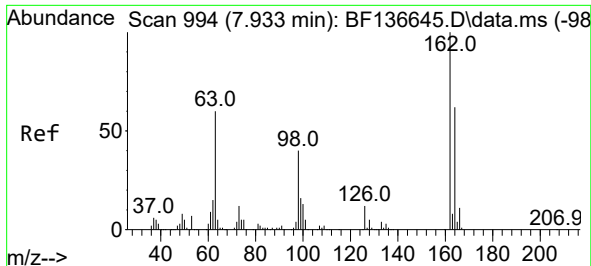


#28
bis(2-Chloroethoxy)methane
Concen: 43.498 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35



Tgt Ion: 93 Resp: 233149
Ion Ratio Lower Upper
93 100
95 32.0 25.5 38.3
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.872 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

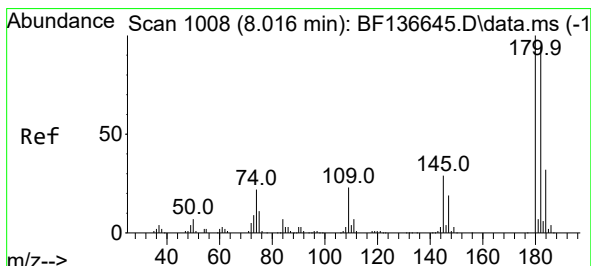
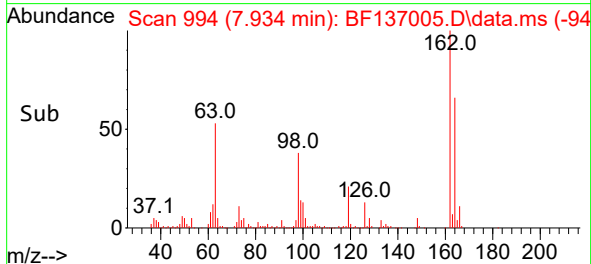
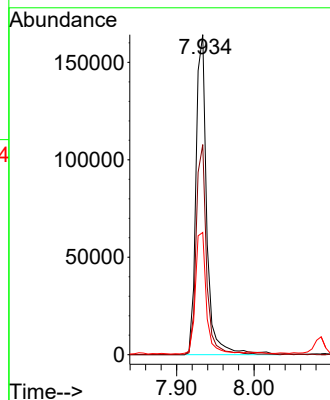
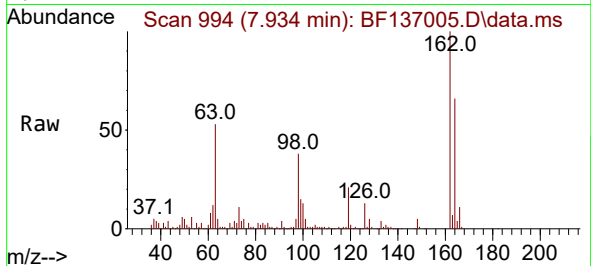
Tgt Ion:162 Resp: 159708

Ion Ratio Lower Upper

162 100

164 65.6 41.7 81.7

98 38.2 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 42.845 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

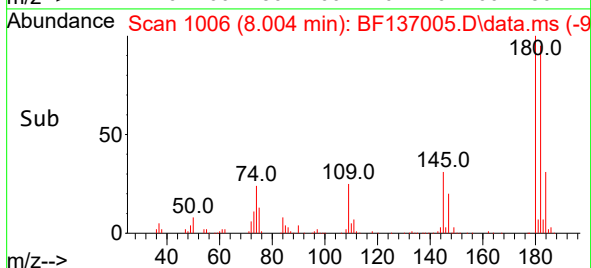
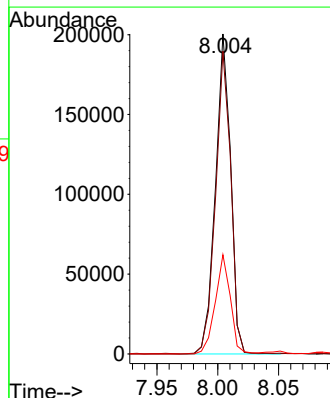
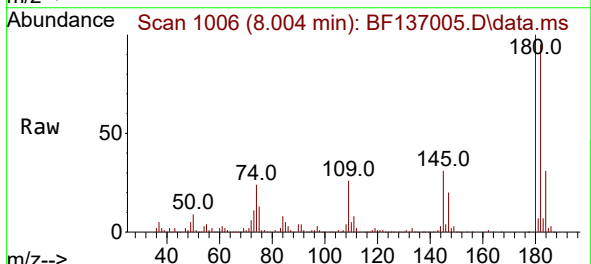
Tgt Ion:180 Resp: 173781

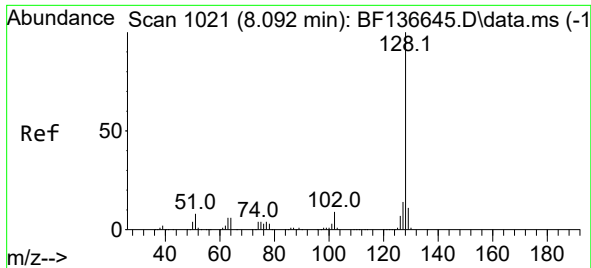
Ion Ratio Lower Upper

180 100

182 94.6 75.4 113.0

145 31.0 23.1 34.7

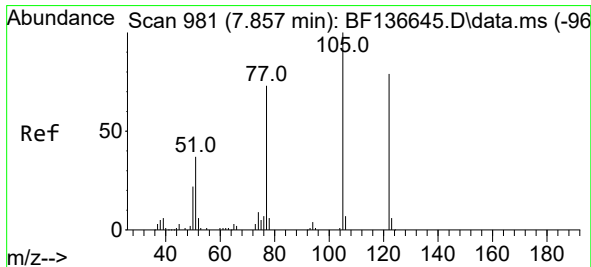
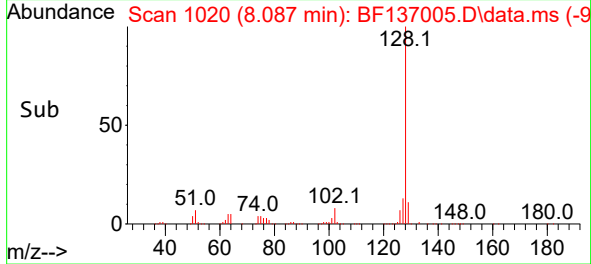
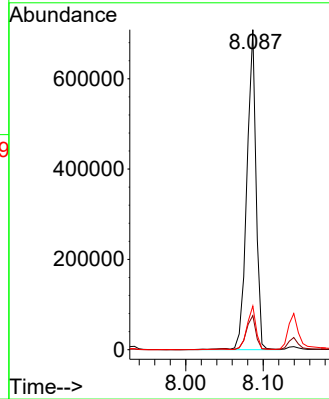
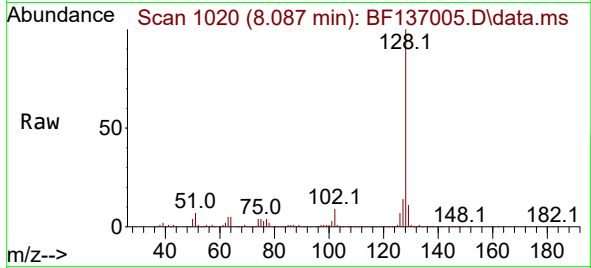




#31
Naphthalene
Concen: 42.896 ng
RT: 8.087 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

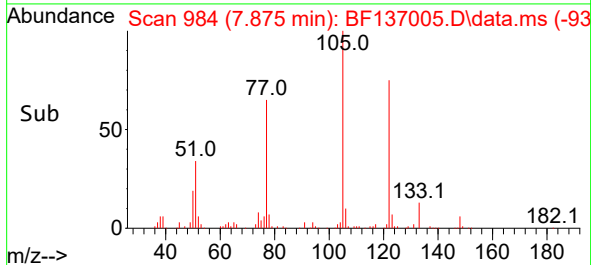
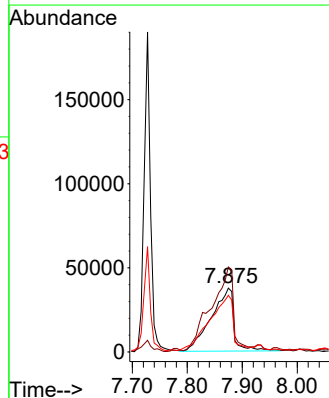
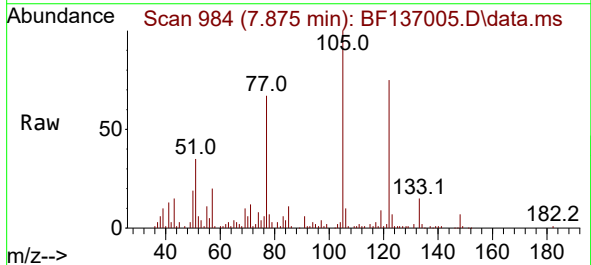
Instrument :
BNA_F
ClientSampleId :
340MSD

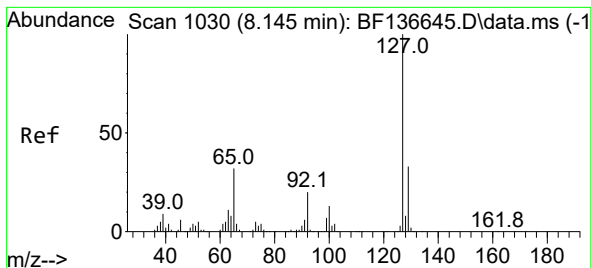
Tgt Ion:128 Resp: 584390
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 39.477 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:122 Resp: 108006
Ion Ratio Lower Upper
122 100
105 133.3 100.8 140.8
77 88.8 70.9 110.9





#33

4-Chloroaniline

Concen: 16.224 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

Tgt Ion:127 Resp: 81608

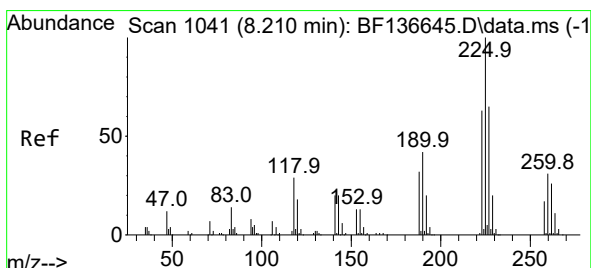
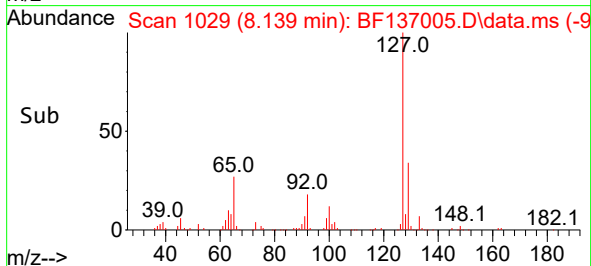
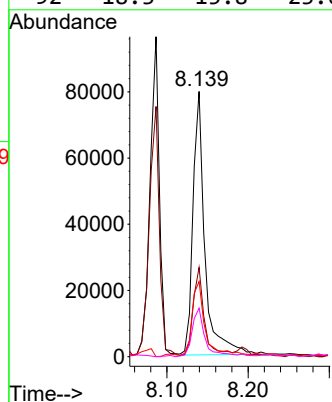
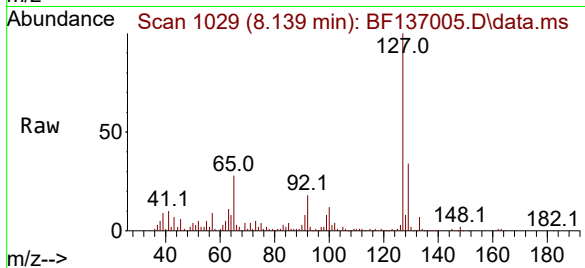
Ion Ratio Lower Upper

127 100

129 33.6 26.3 39.5

65 28.4 25.8 38.8

92 18.3 15.8 23.6



#34

Hexachlorobutadiene

Concen: 41.300 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

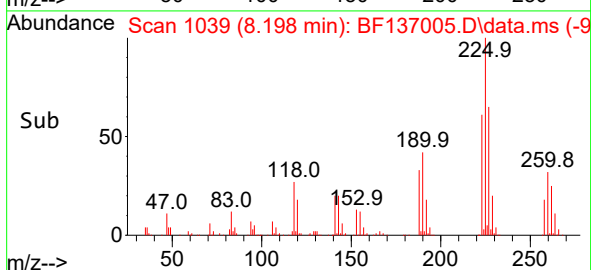
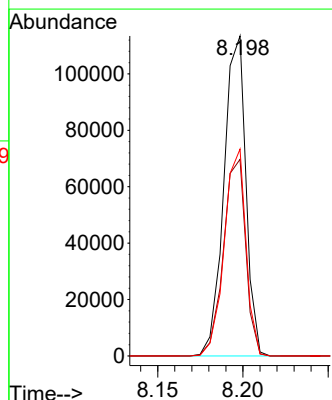
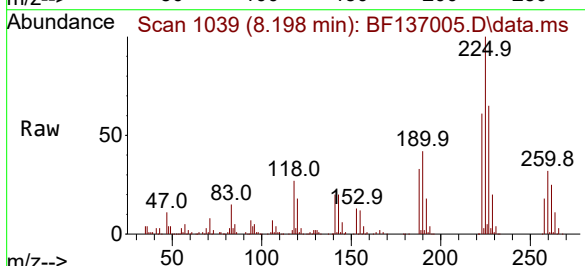
Tgt Ion:225 Resp: 101776

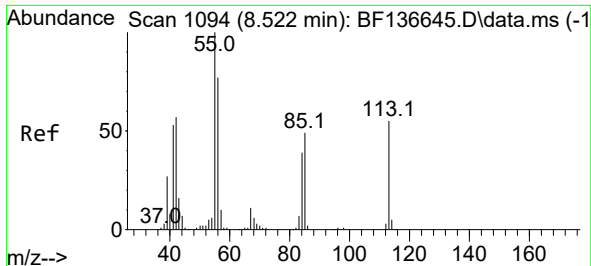
Ion Ratio Lower Upper

225 100

223 61.4 50.6 76.0

227 64.7 51.9 77.9

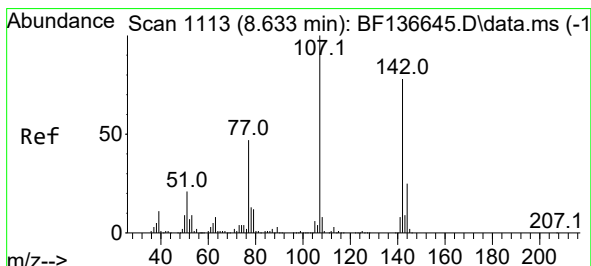
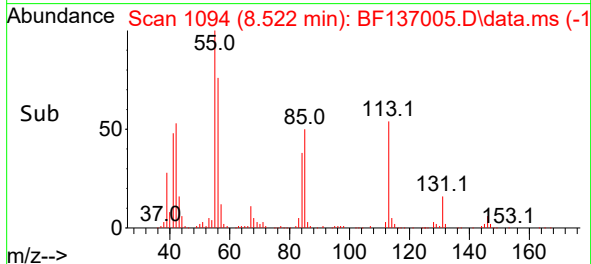
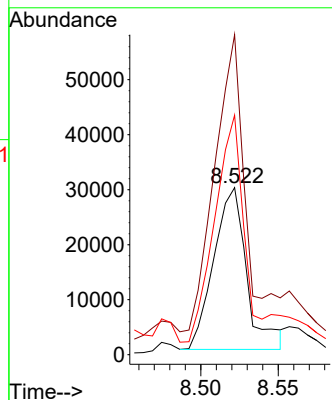
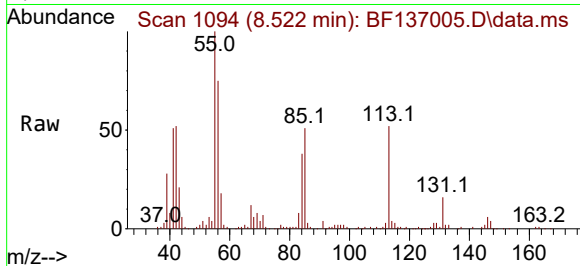




#35
 Caprolactam
 Concen: 36.302 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF137005.D
 Acq: 08 Jan 2024 20:35

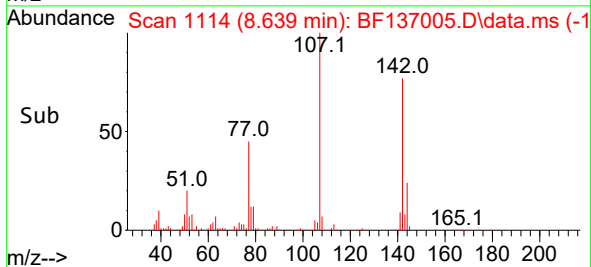
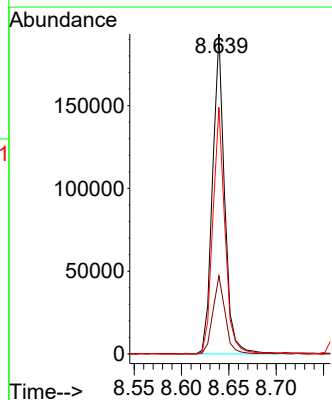
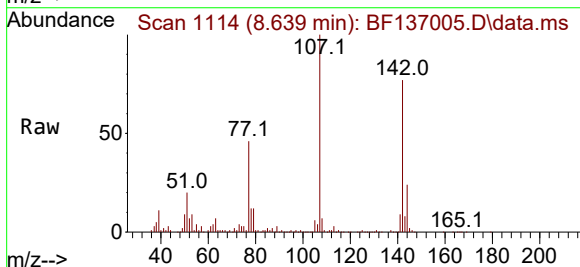
Instrument :
 BNA_F
 ClientSampleId :
 340MSD

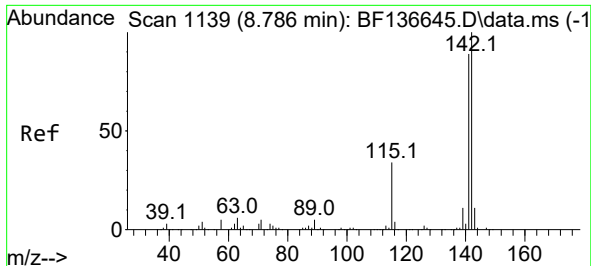
Tgt Ion:113 Resp: 43596
 Ion Ratio Lower Upper
 113 100
 55 191.6 163.1 203.1
 56 143.5 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.853 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF137005.D
 Acq: 08 Jan 2024 20:35

Tgt Ion:107 Resp: 171525
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.2 30.2
 142 77.1 62.3 93.5

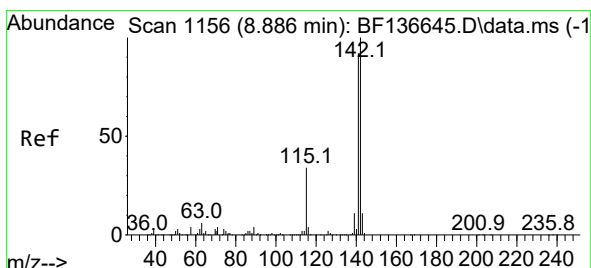
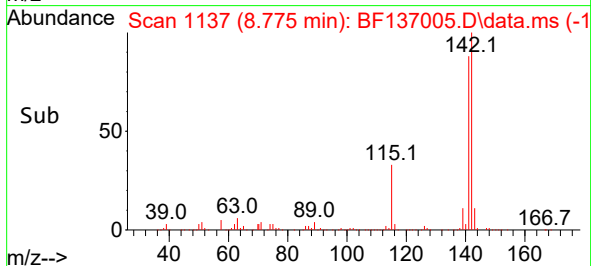
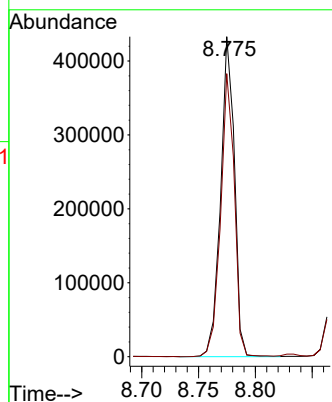
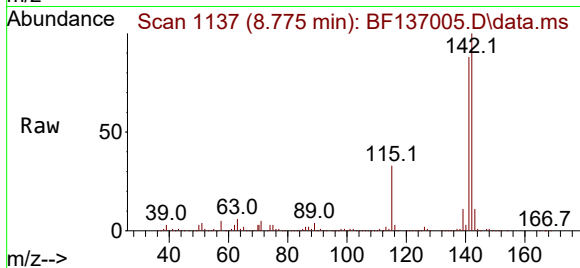




#37
2-Methylnaphthalene
Concen: 41.883 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

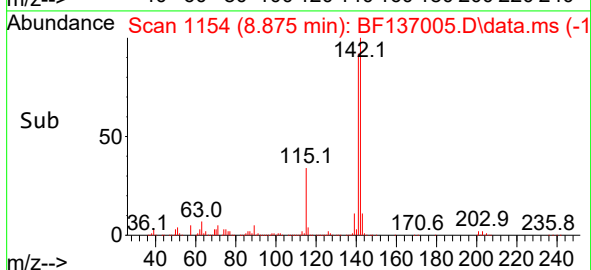
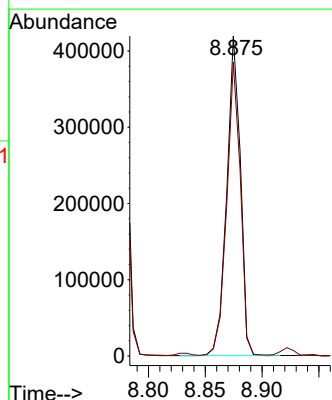
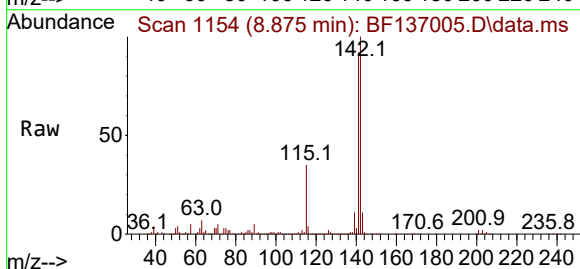
Instrument :
BNA_F
ClientSampleId :
340MSD

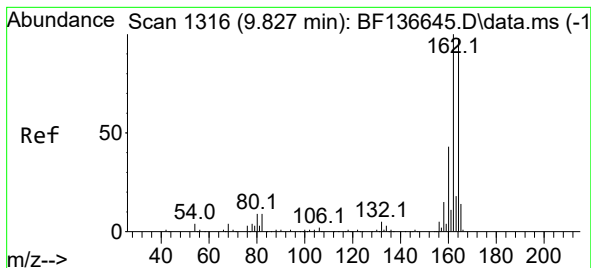
Tgt Ion:142 Resp: 367209
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7



#38
1-Methylnaphthalene
Concen: 40.703 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:142 Resp: 350118
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

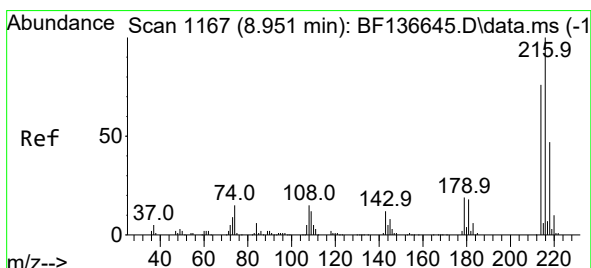
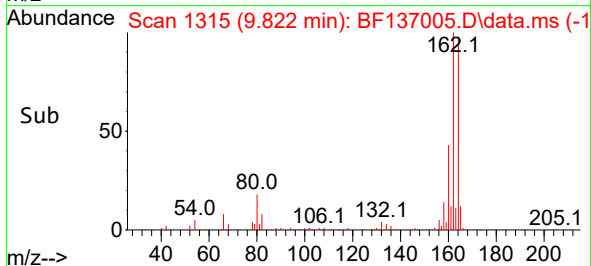
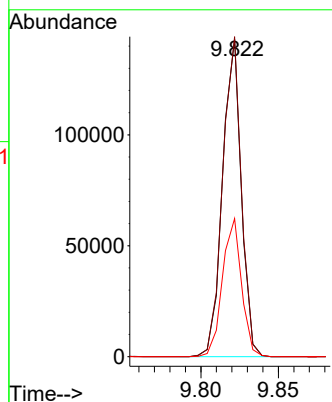
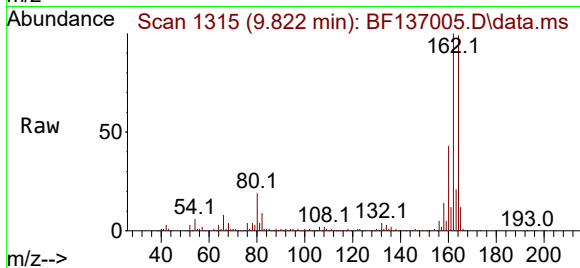
Tgt Ion:164 Resp: 119844

Ion Ratio Lower Upper

164 100

162 100.8 81.6 122.4

160 43.5 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.910 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Tgt Ion:216 Resp: 177820

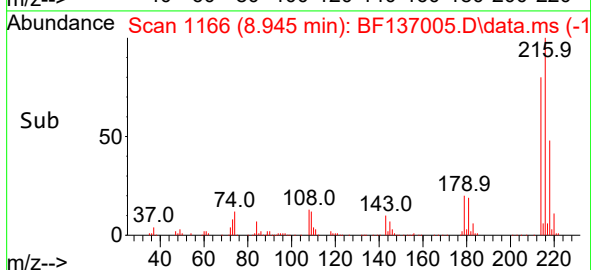
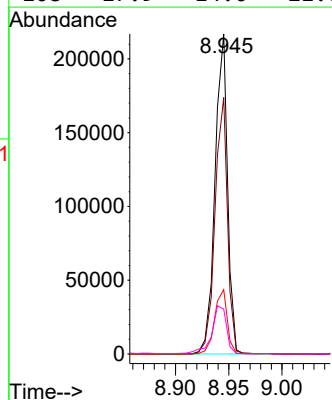
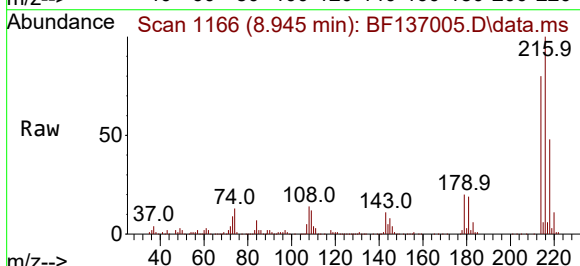
Ion Ratio Lower Upper

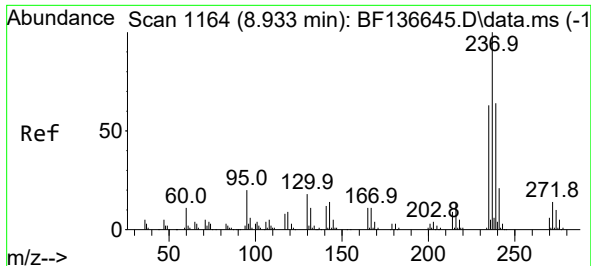
216 100

214 80.0 62.3 93.5

179 20.3 16.4 24.6

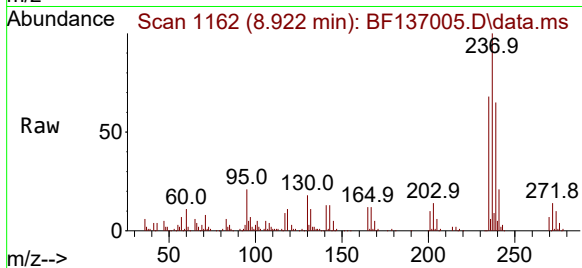
108 17.9 14.0 21.0



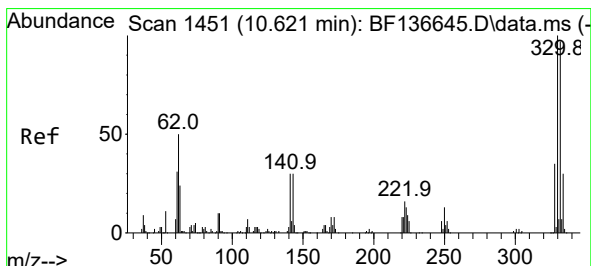
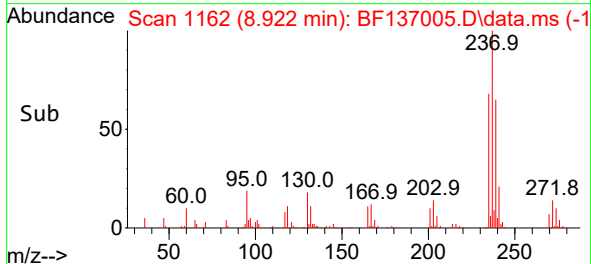
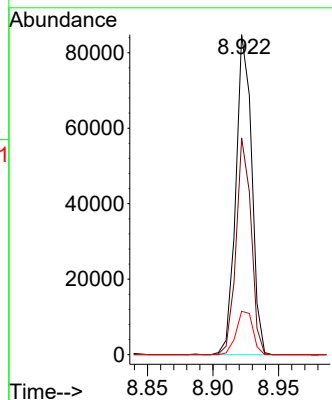


#41
Hexachlorocyclopentadiene
Concen: 61.807 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Instrument :
BNA_F
ClientSampleId :
340MSD

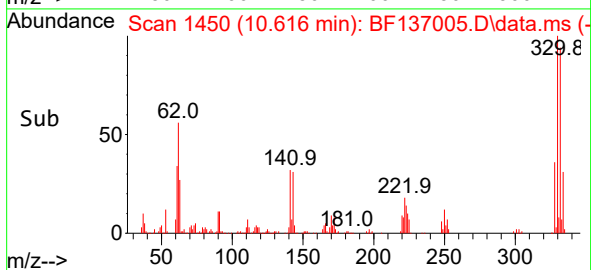
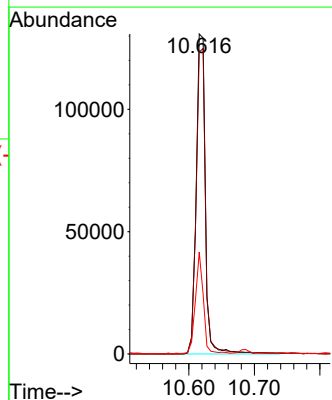
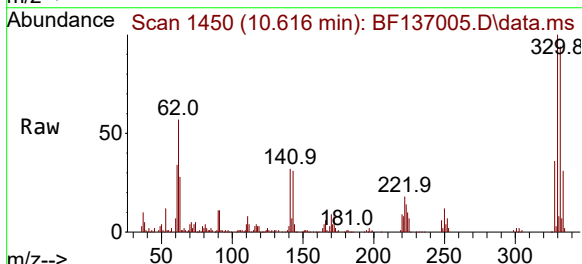


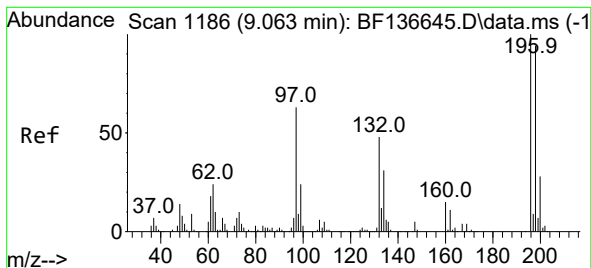
Tgt Ion:237 Resp: 71738
Ion Ratio Lower Upper
237 100
235 67.7 43.2 83.2
272 13.5 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 90.559 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:330 Resp: 127818
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 28.1 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 45.466 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

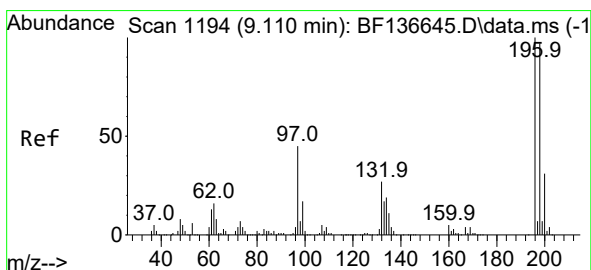
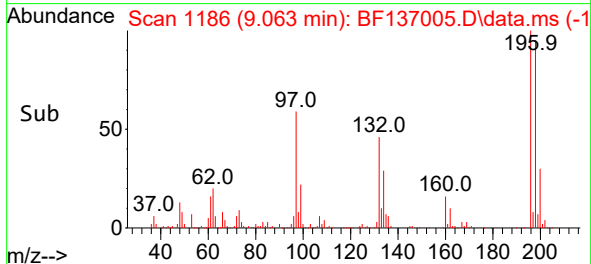
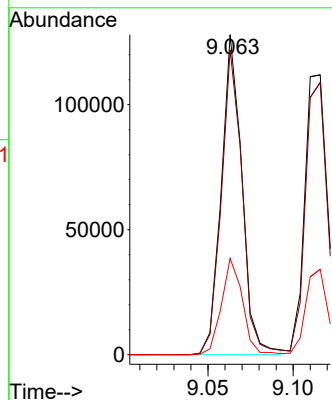
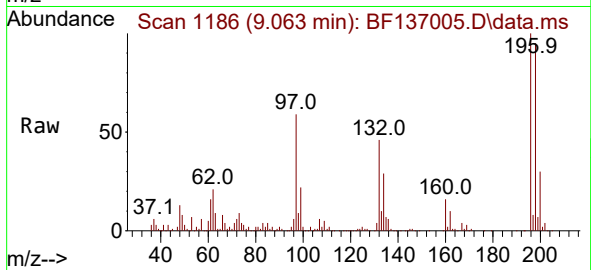
Tgt Ion:196 Resp: 108222

Ion Ratio Lower Upper

196 100

198 95.3 75.1 112.7

200 30.1 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 43.128 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Tgt Ion:196 Resp: 114395

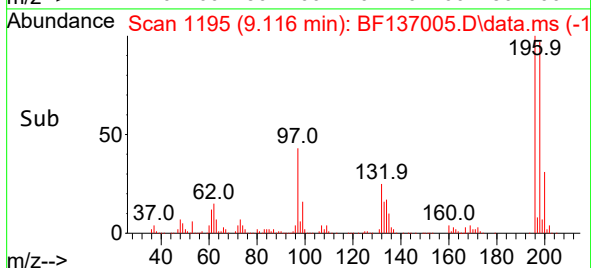
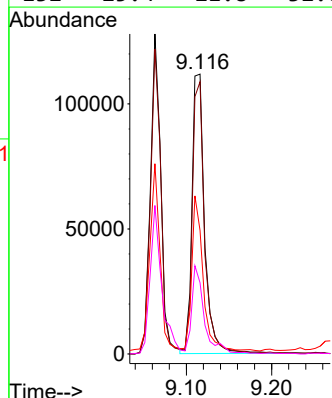
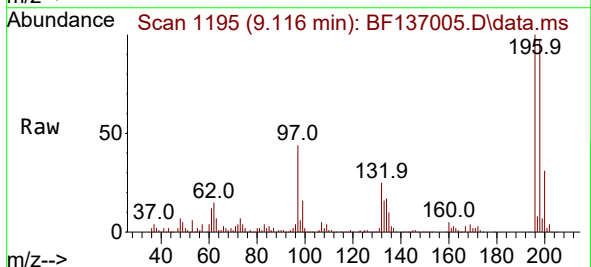
Ion Ratio Lower Upper

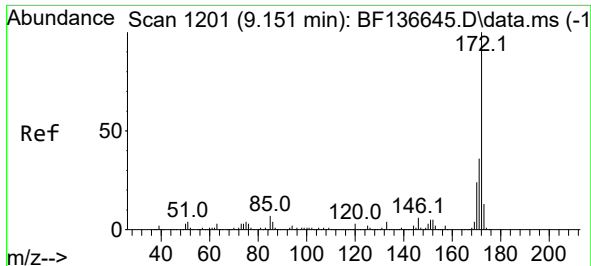
196 100

198 97.3 77.0 115.6

97 44.2 36.1 54.1

132 25.4 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 69.202 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

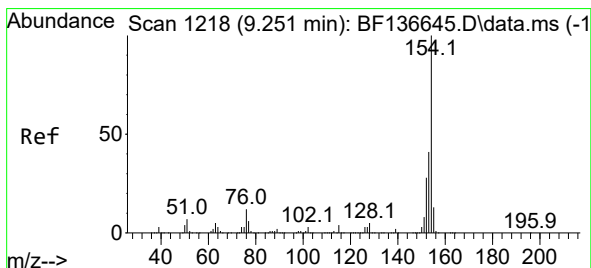
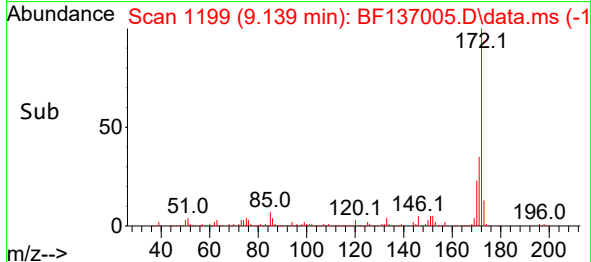
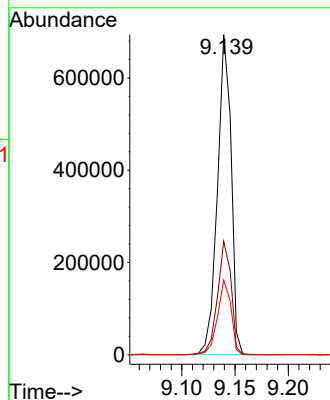
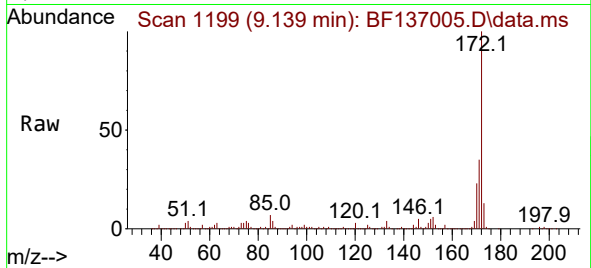
Tgt Ion:172 Resp: 616621

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.483 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

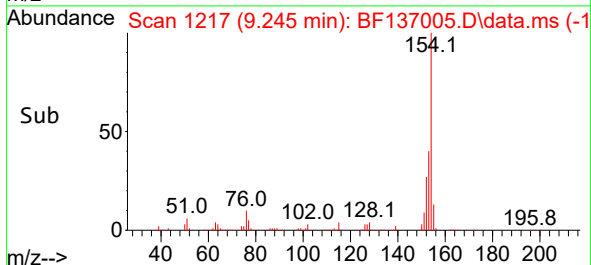
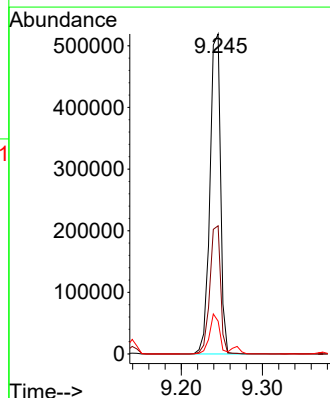
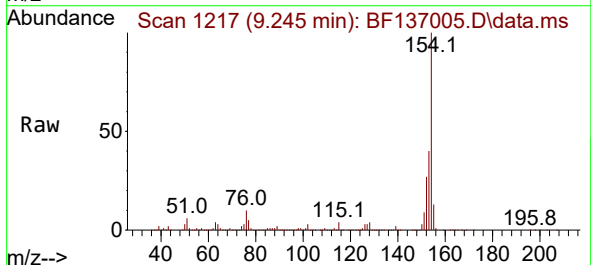
Tgt Ion:154 Resp: 467469

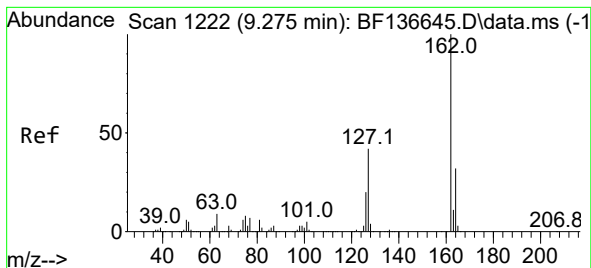
Ion Ratio Lower Upper

154 100

153 40.0 21.1 61.1

76 10.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 42.452 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

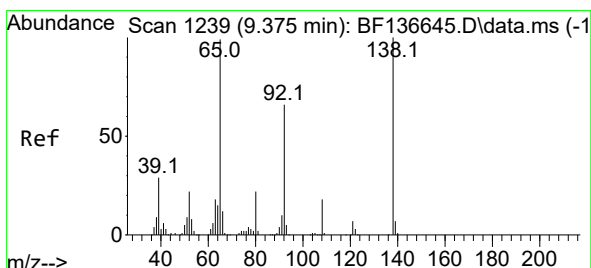
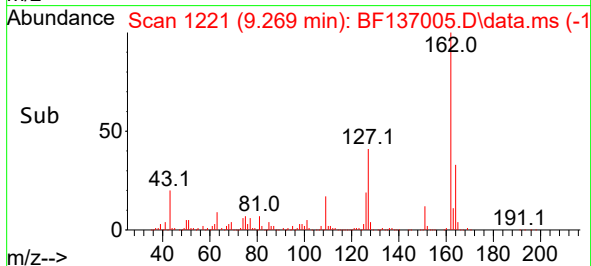
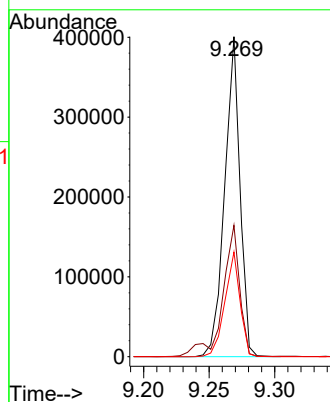
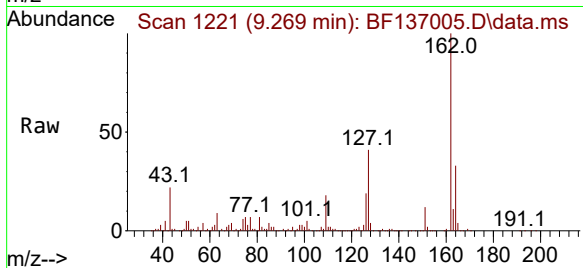
Tgt Ion:162 Resp: 324557

Ion Ratio Lower Upper

162 100

127 41.0 33.6 50.4

164 32.7 25.7 38.5



#48

2-Nitroaniline

Concen: 44.233 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

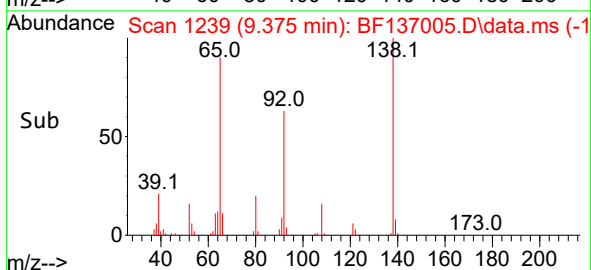
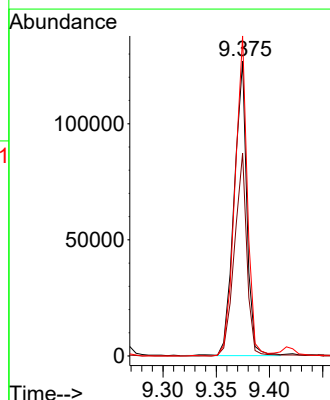
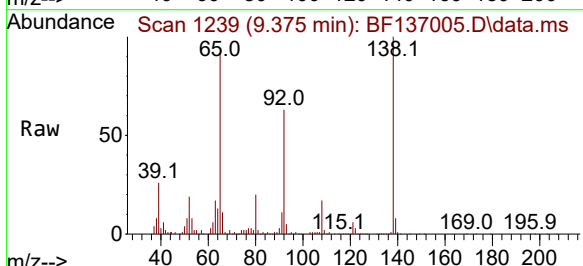
Tgt Ion: 65 Resp: 105898

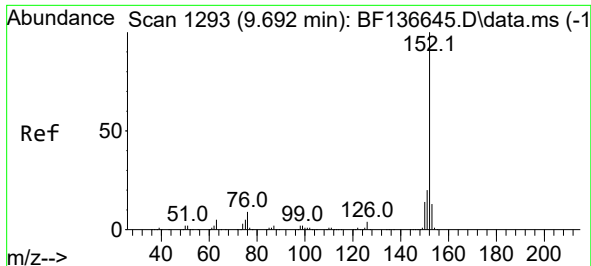
Ion Ratio Lower Upper

65 100

92 68.8 53.2 79.8

138 108.5 81.1 121.7





#49

Acenaphthylene

Concen: 47.198 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

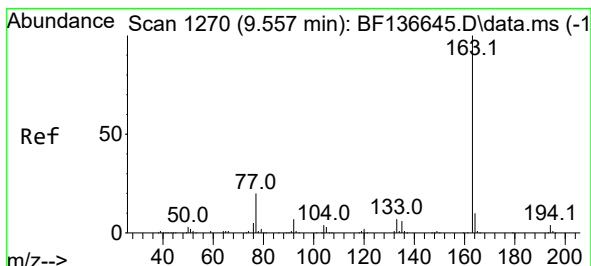
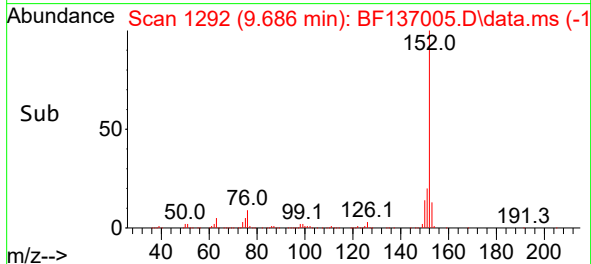
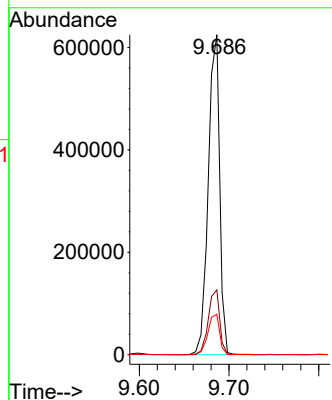
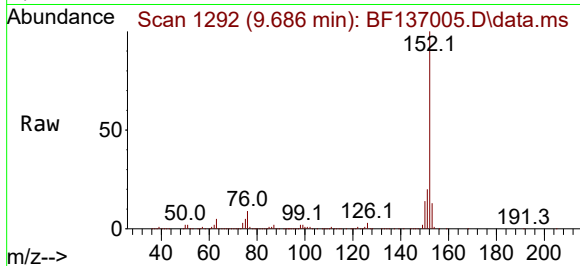
Tgt Ion:152 Resp: 551538

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 12.6 10.2 15.2



#50

Dimethylphthalate

Concen: 44.583 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

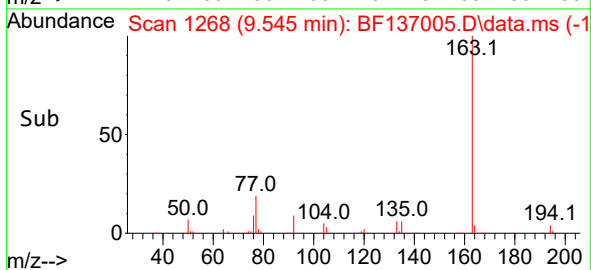
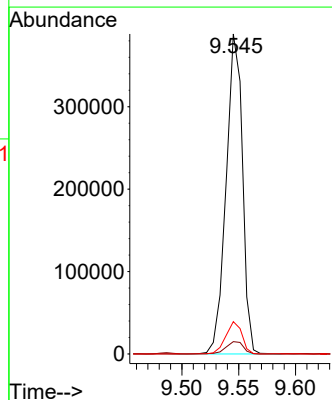
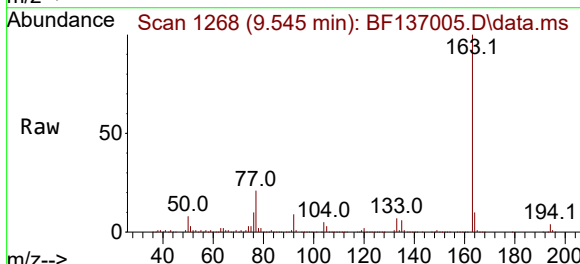
Tgt Ion:163 Resp: 390270

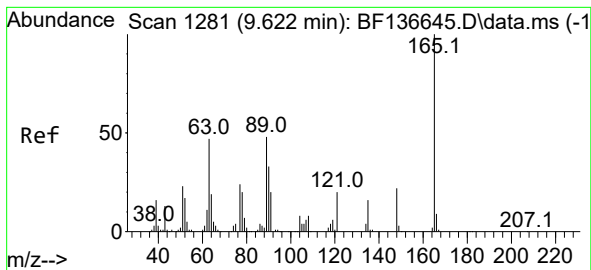
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.1 7.8 11.6

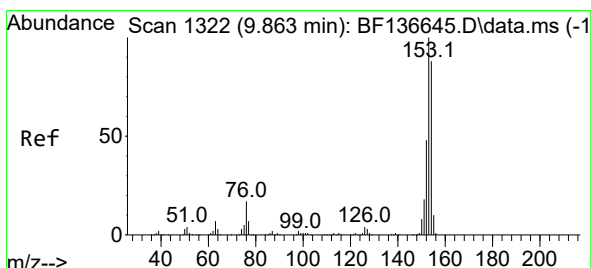
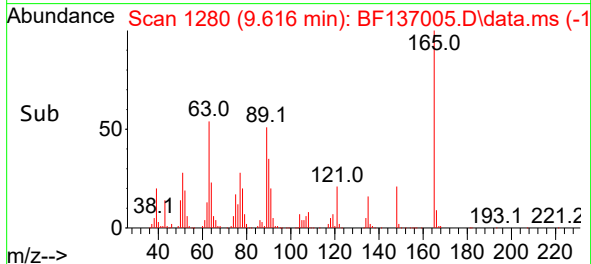
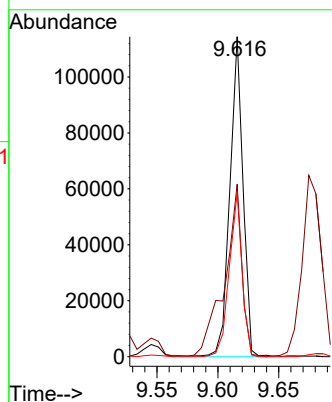
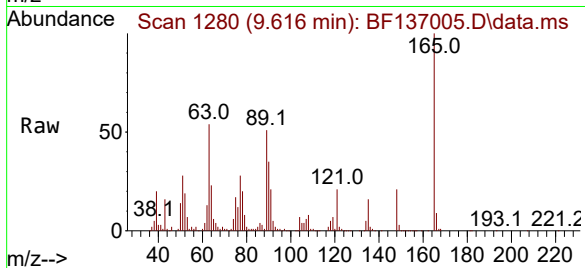




#51
2,6-Dinitrotoluene
Concen: 43.220 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

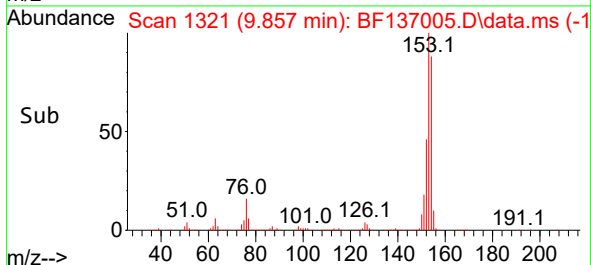
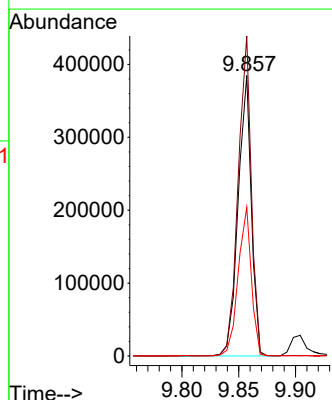
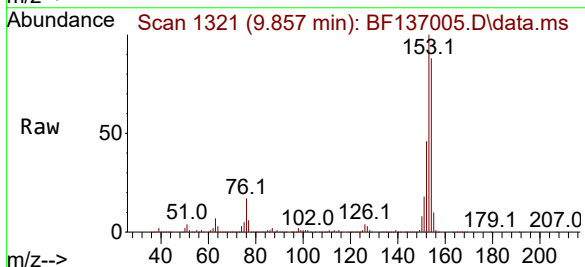
Instrument :
BNA_F
ClientSampleId :
340MSD

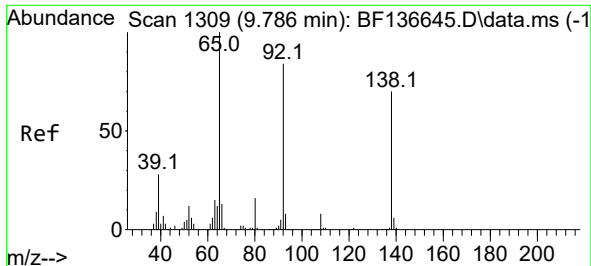
Tgt Ion:165 Resp: 85864
Ion Ratio Lower Upper
165 100
63 53.9 39.8 59.6
89 51.3 38.8 58.2



#52
Acenaphthene
Concen: 42.933 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:154 Resp: 310999
Ion Ratio Lower Upper
154 100
153 114.1 90.7 136.1
152 53.0 43.7 65.5

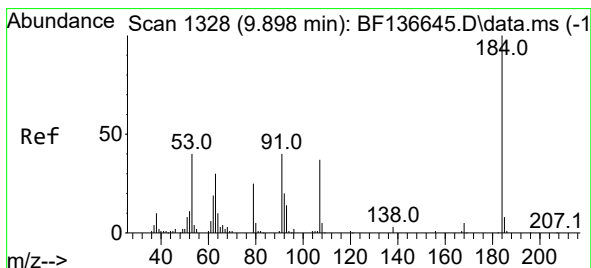
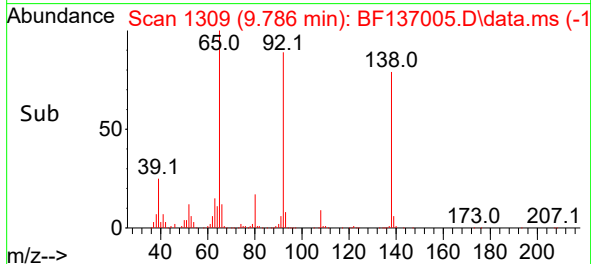
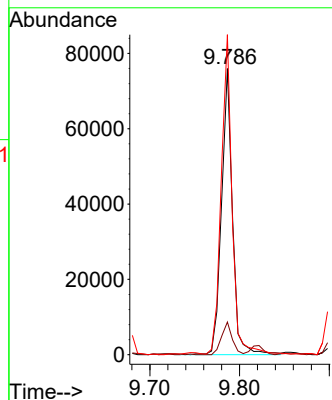
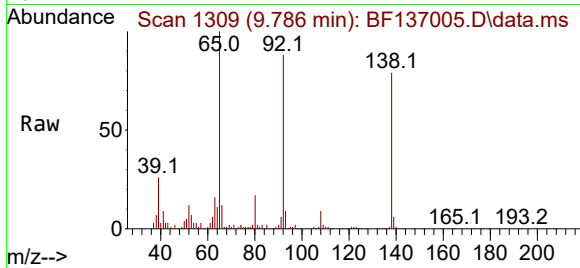




#53
3-Nitroaniline
Concen: 30.600 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

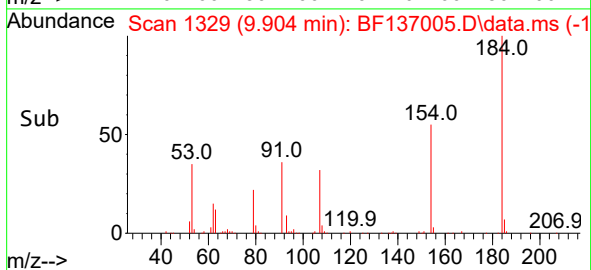
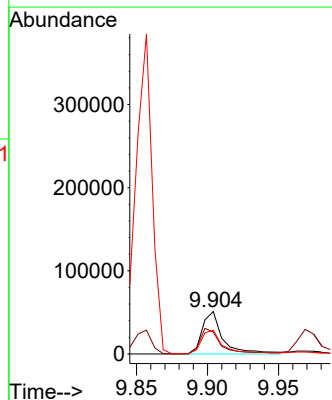
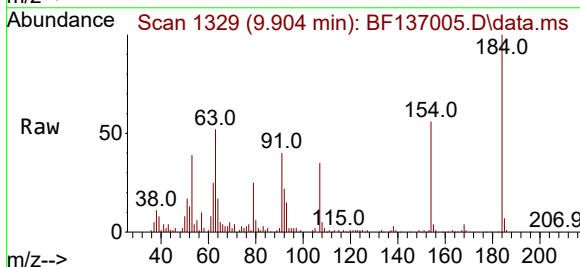
Instrument :
BNA_F
ClientSampleId :
340MSD

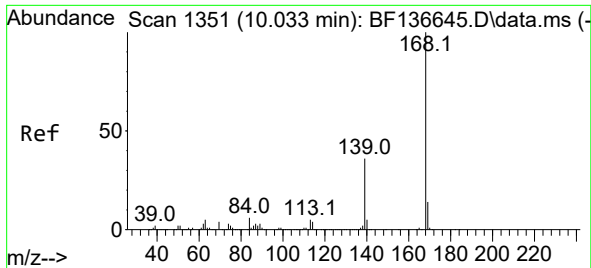
Tgt Ion:138 Resp: 64398
Ion Ratio Lower Upper
138 100
108 11.4 8.6 12.8
92 111.9 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 48.614 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:184 Resp: 51834
Ion Ratio Lower Upper
184 100
63 51.9 40.9 61.3
154 55.8 42.7 64.1

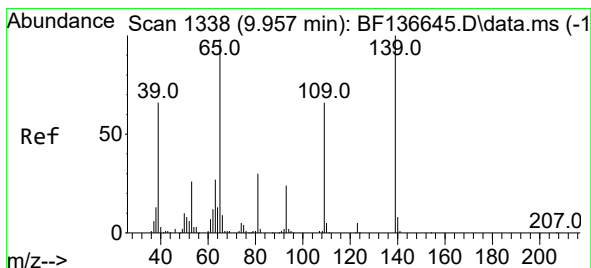
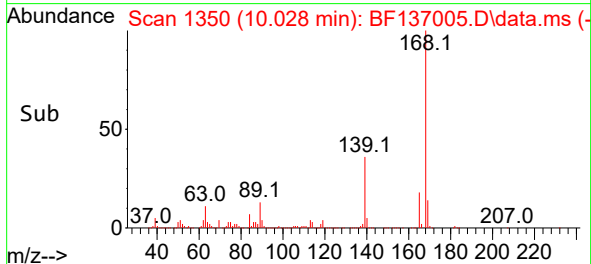
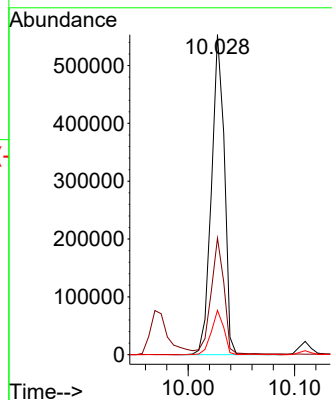
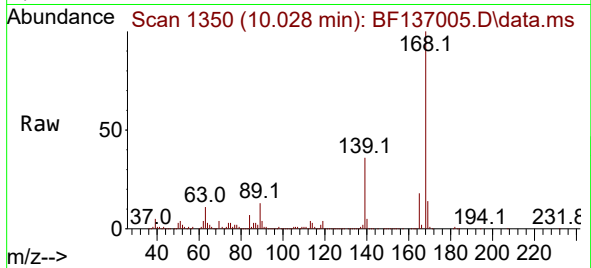




#55
Dibenzenofuran
Concen: 42.413 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

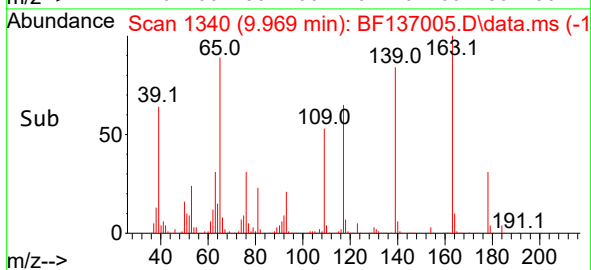
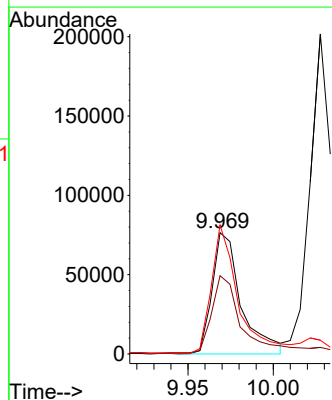
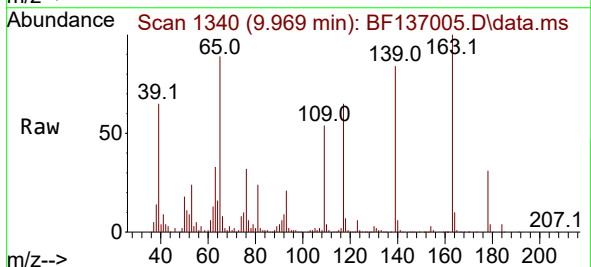
Instrument :
BNA_F
ClientSampleId :
340MSD

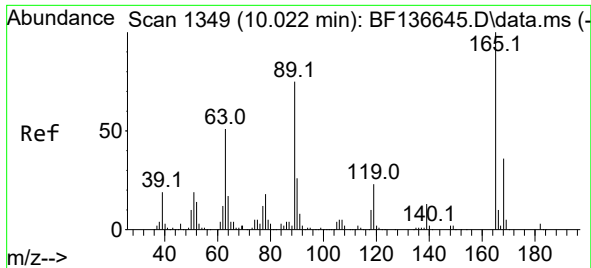
Tgt Ion:168 Resp: 465715
Ion Ratio Lower Upper
168 100
139 36.5 29.3 43.9
169 13.9 11.0 16.4



#56
4-Nitrophenol
Concen: 63.772 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:139 Resp: 90598
Ion Ratio Lower Upper
139 100
109 64.5 45.8 85.8
65 106.3 77.8 117.8

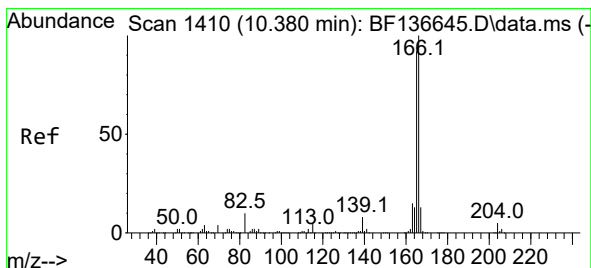
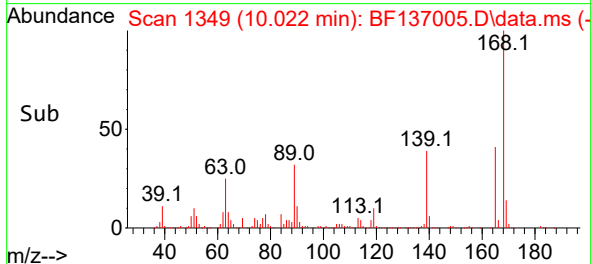
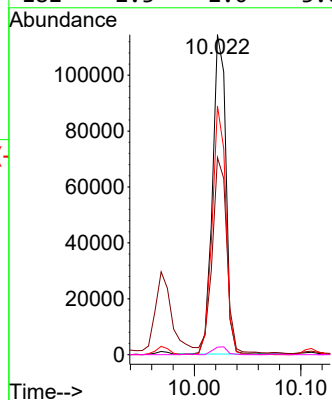
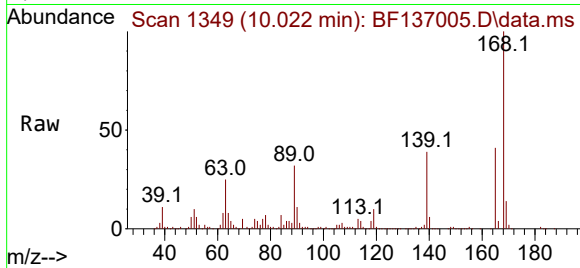




#57
2,4-Dinitrotoluene
Concen: 38.838 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

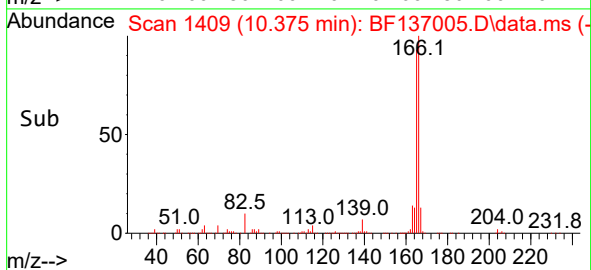
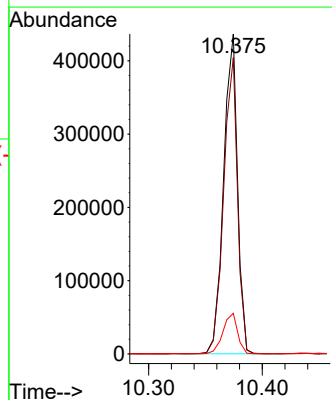
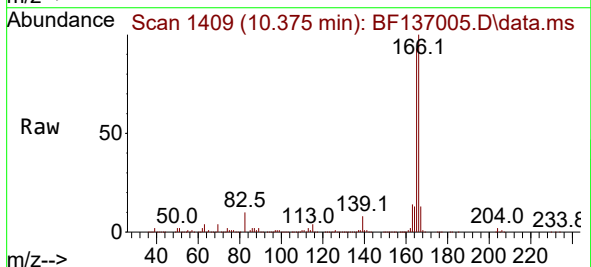
Instrument :
BNA_F
ClientSampleId :
340MSD

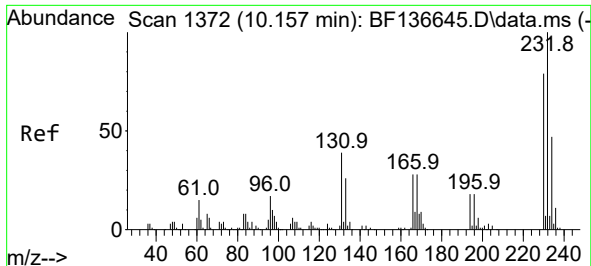
Tgt Ion:165 Resp: 100166
Ion Ratio Lower Upper
165 100
63 61.6 41.0 61.6#
89 77.7 59.9 89.9
182 2.3 2.0 3.0



#58
Fluorene
Concen: 42.698 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:166 Resp: 372008
Ion Ratio Lower Upper
166 100
165 92.6 73.7 110.5
167 12.7 10.4 15.6

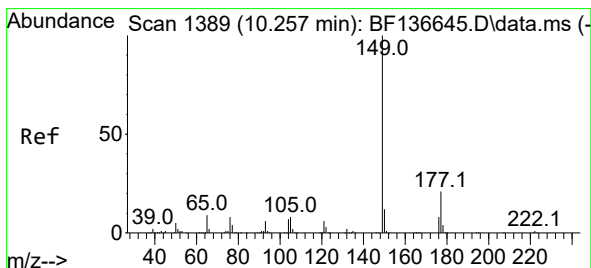
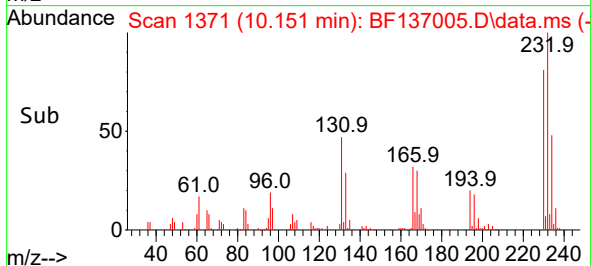
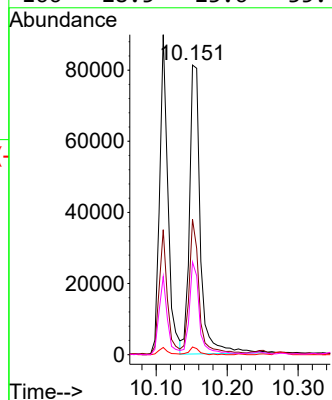
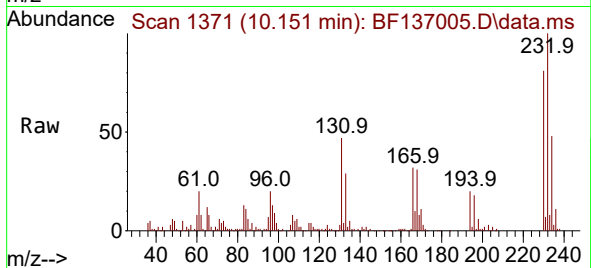




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.575 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

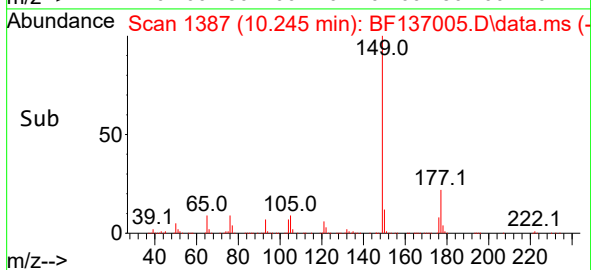
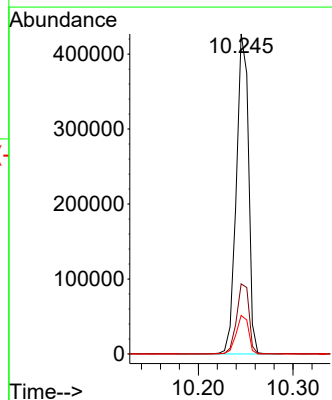
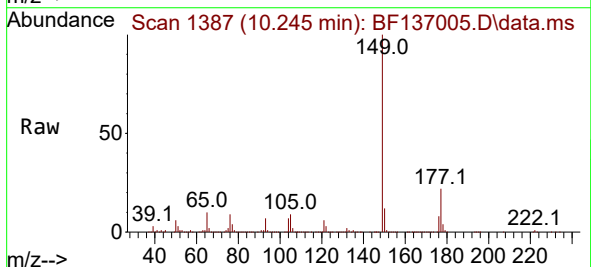
Instrument :
BNA_F
ClientSampleId :
340MSD

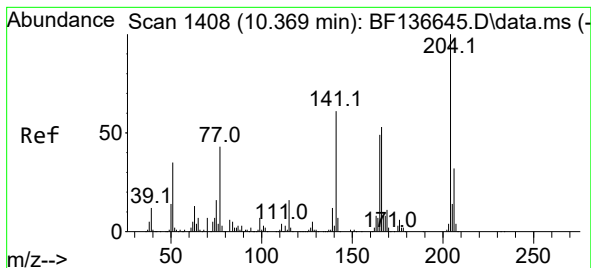
Tgt Ion:232 Resp: 86930
Ion Ratio Lower Upper
232 100
131 41.2 35.1 52.7
130 2.5 1.6 2.4#
166 28.5 23.6 35.4



#60
Diethylphthalate
Concen: 41.978 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:149 Resp: 381269
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.1 9.3 13.9

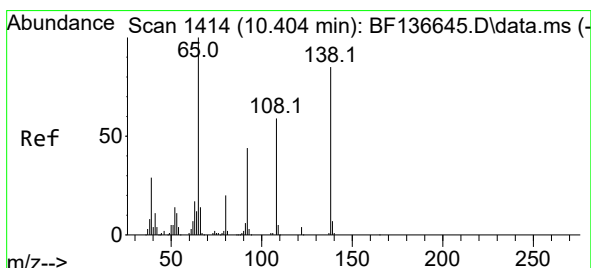
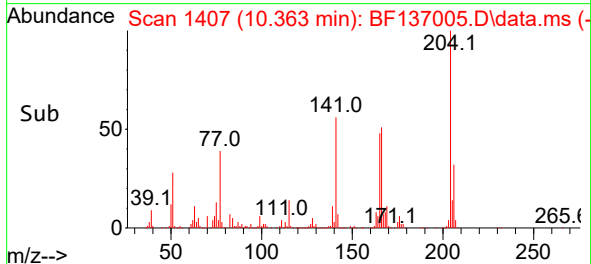
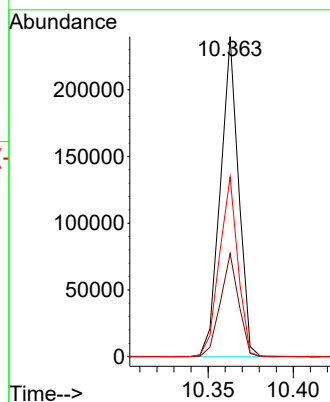
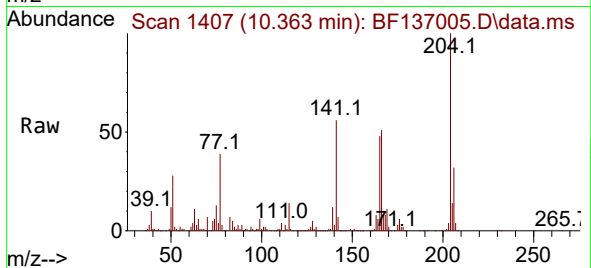




#61
4-Chlorophenyl-phenylether
Concen: 42.089 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

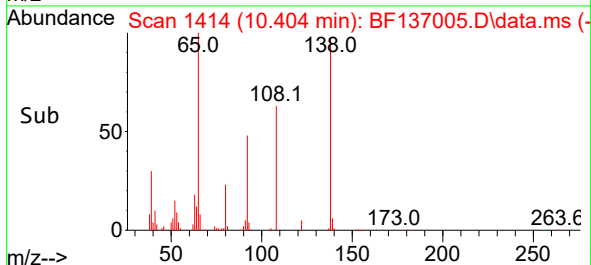
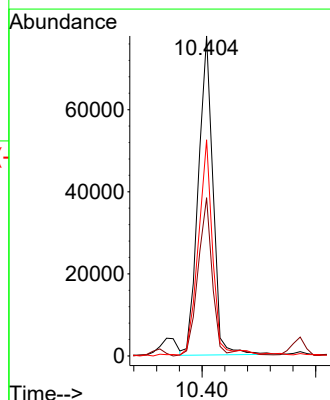
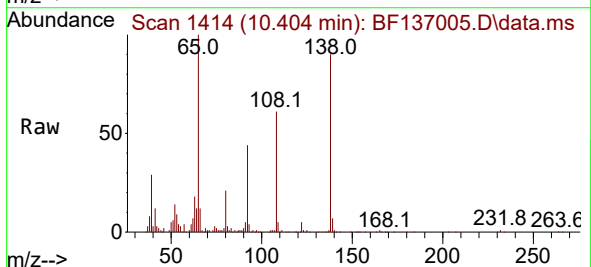
Instrument :
BNA_F
ClientSampleId :
340MSD

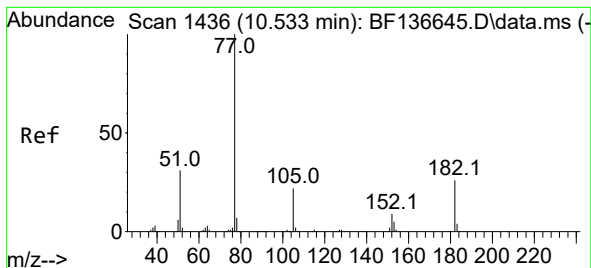
Tgt Ion:204 Resp: 178244
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 56.2 48.4 72.6



#62
4-Nitroaniline
Concen: 34.256 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:138 Resp: 69497
Ion Ratio Lower Upper
138 100
92 49.5 32.1 72.1
108 67.6 50.1 90.1





#63

Azobenzene

Concen: 40.011 ng

RT: 10.522 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

Tgt Ion: 77 Resp: 339419

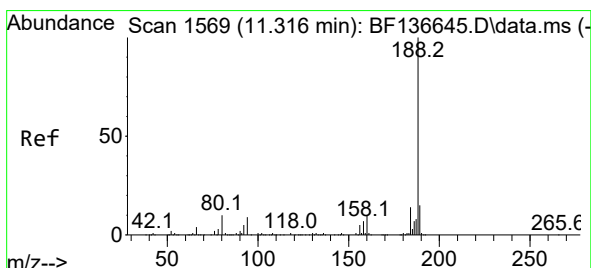
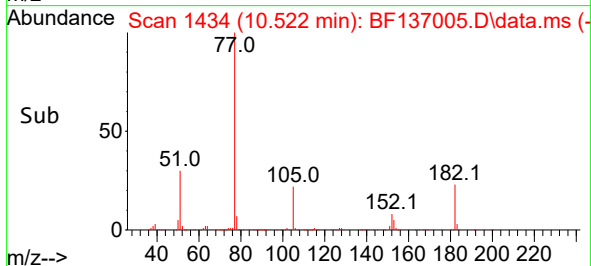
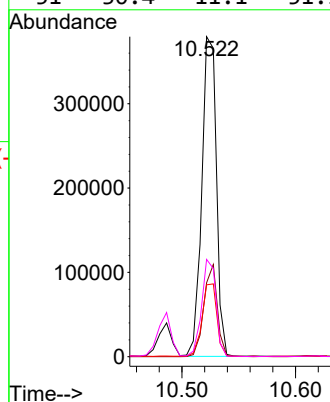
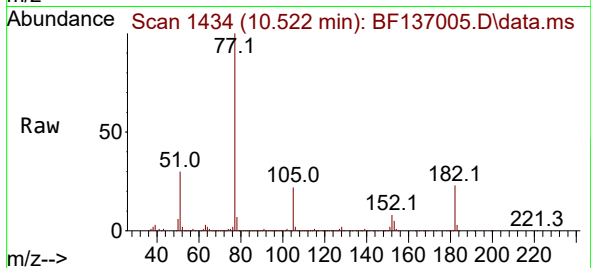
Ion Ratio Lower Upper

77 100

182 23.1 6.0 46.0

105 22.5 2.3 42.3

51 30.4 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: BF137005.D

Acq: 08 Jan 2024 20:35

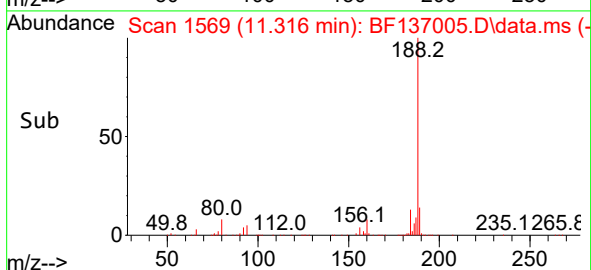
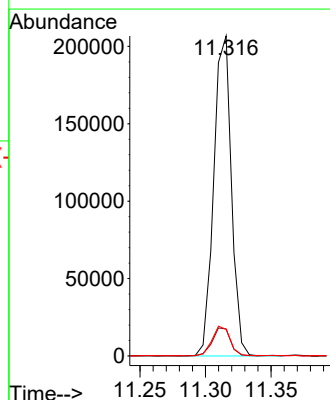
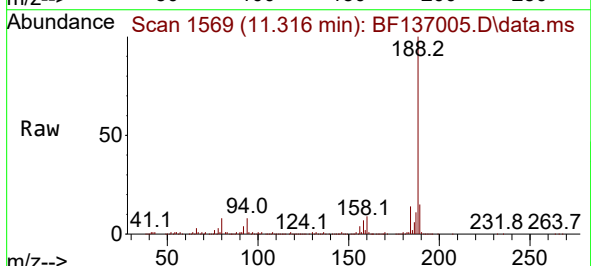
Tgt Ion: 188 Resp: 193537

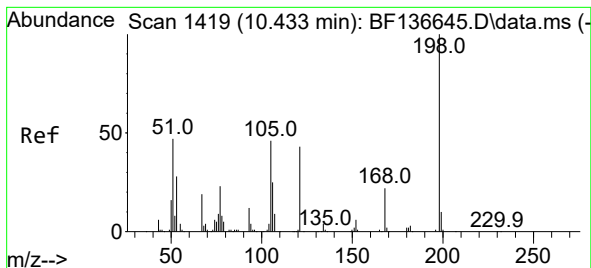
Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

80 8.3 8.1 12.1

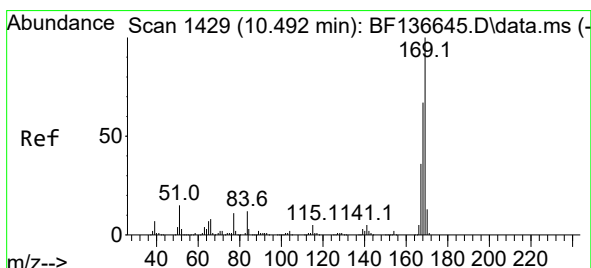
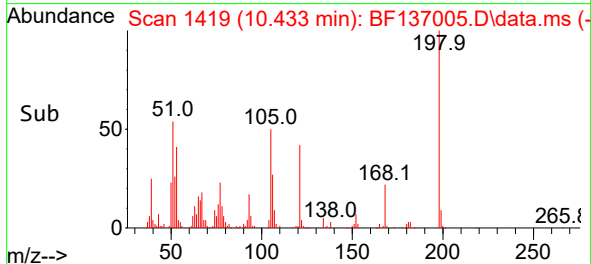
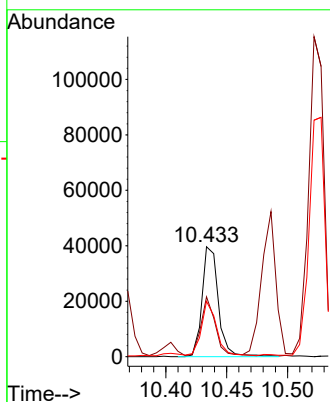
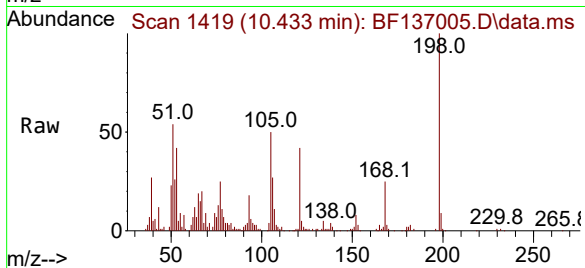




#65
4,6-Dinitro-2-methylphenol
Concen: 33.467 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

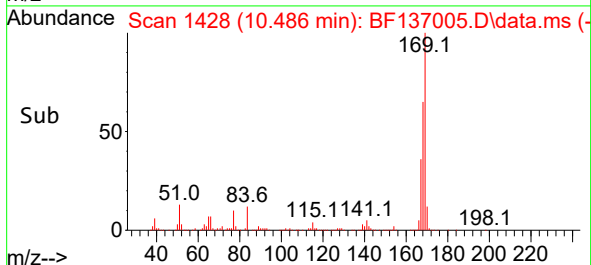
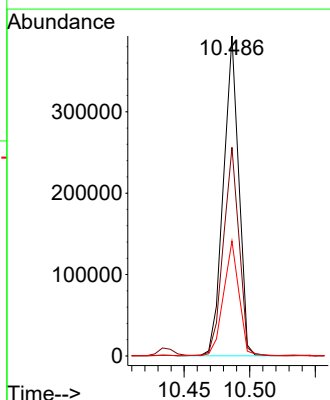
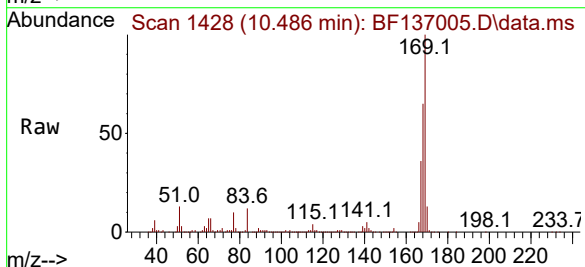
Instrument :
BNA_F
ClientSampleId :
340MSD

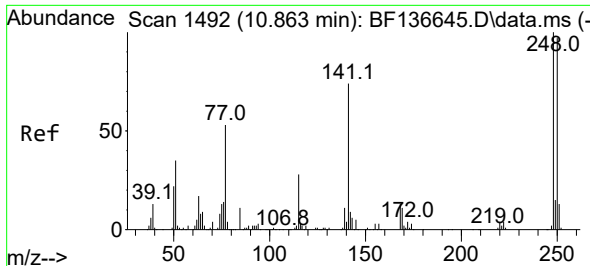
Tgt Ion:198 Resp: 37120
Ion Ratio Lower Upper
198 100
51 54.5 34.1 74.1
105 50.5 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 50.748 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:169 Resp: 319052
Ion Ratio Lower Upper
169 100
168 65.2 53.8 80.6
167 36.0 28.7 43.1

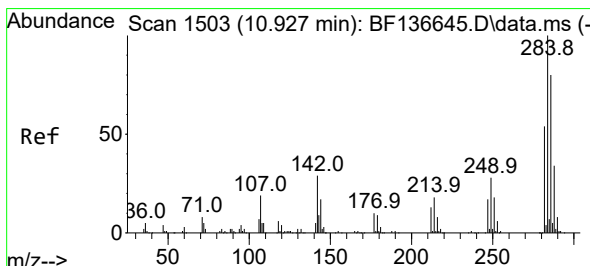
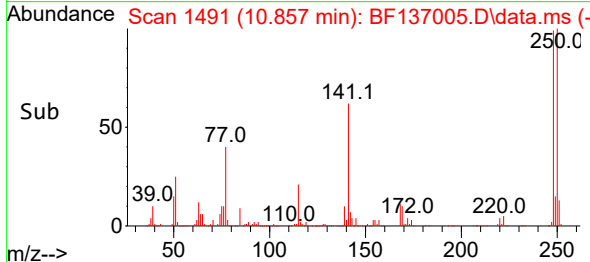
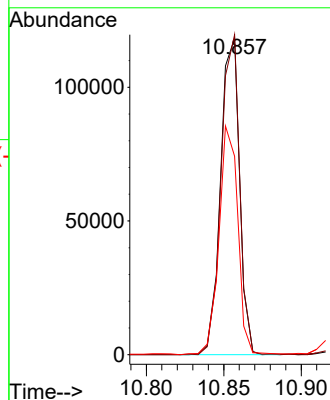
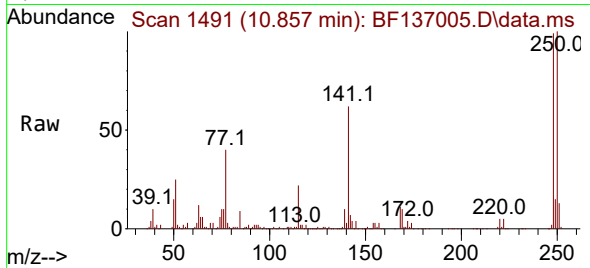




#67
4-Bromophenyl-phenylether
Concen: 46.926 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

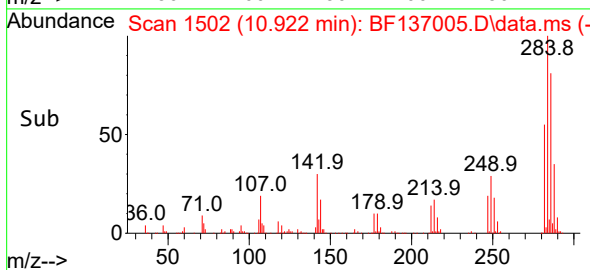
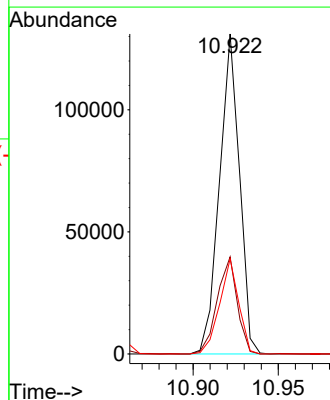
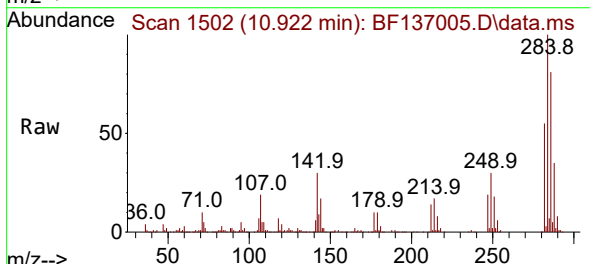
Instrument :
BNA_F
ClientSampleId :
340MSD

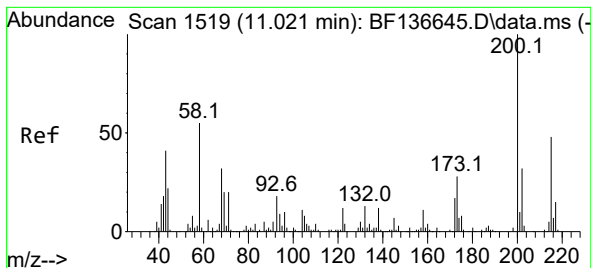
Tgt Ion:248 Resp: 100862
Ion Ratio Lower Upper
248 100
250 101.1 77.8 116.6
141 62.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 44.657 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:284 Resp: 106965
Ion Ratio Lower Upper
284 100
142 30.4 23.4 35.0
249 29.7 22.3 33.5





#69

Atrazine

Concen: 58.187 ng

RT: 11.022 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

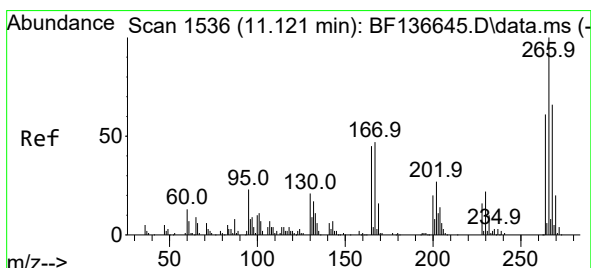
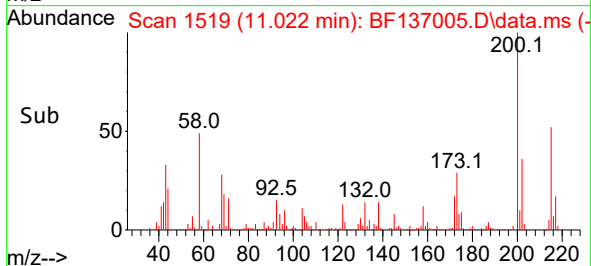
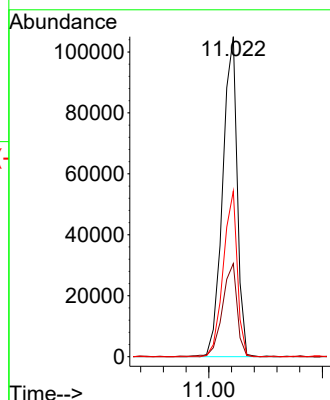
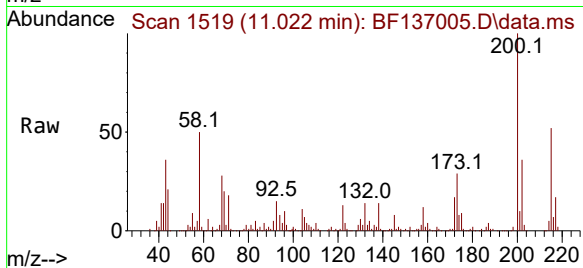
Tgt Ion:200 Resp: 93565

Ion Ratio Lower Upper

200 100

173 29.1 7.6 47.6

215 51.7 28.3 68.3



#70

Pentachlorophenol

Concen: 73.439 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

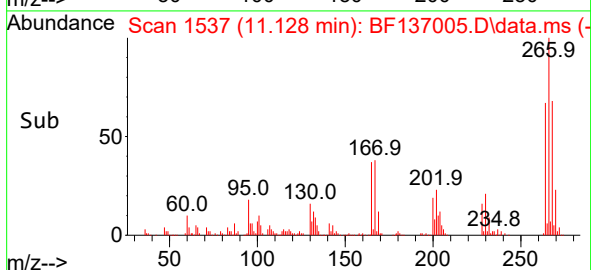
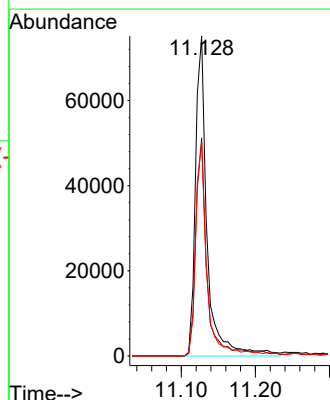
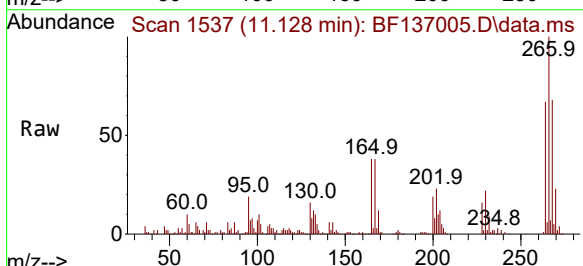
Tgt Ion:266 Resp: 81993

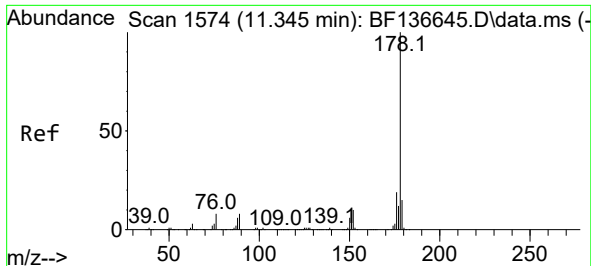
Ion Ratio Lower Upper

266 100

268 68.2 52.6 78.8

264 66.8 49.0 73.4

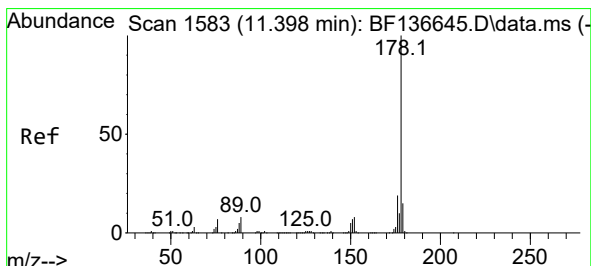
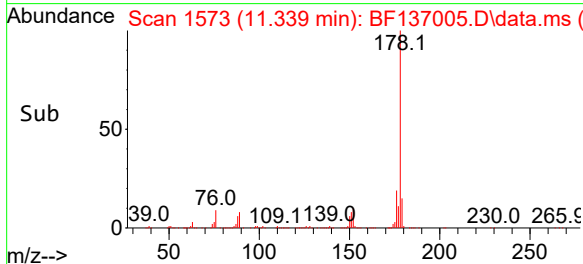
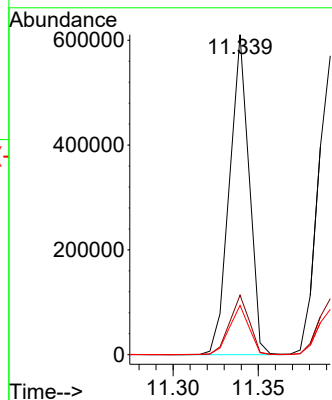
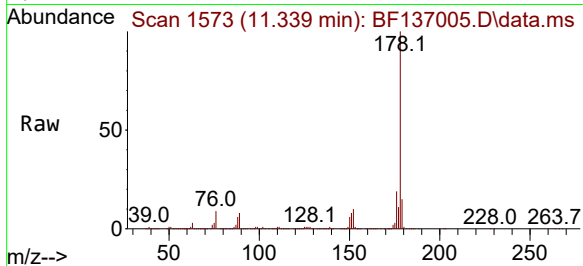




#71
Phenanthrene
Concen: 49.072 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

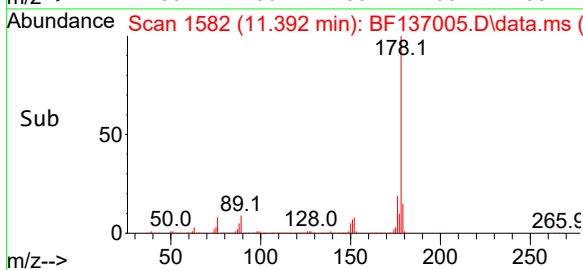
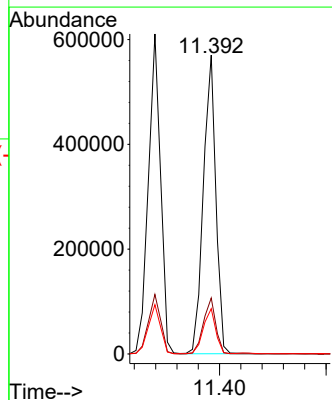
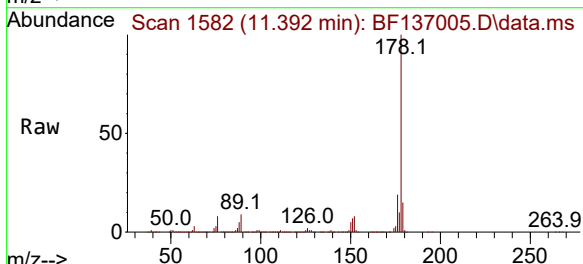
Instrument :
BNA_F
ClientSampleId :
340MSD

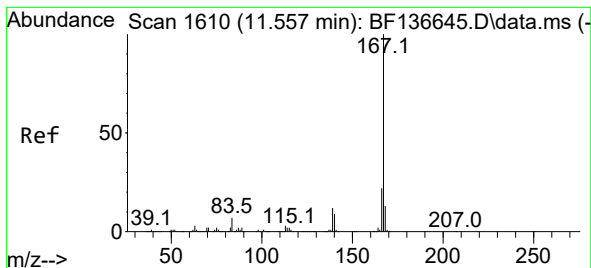
Tgt Ion:178 Resp: 487309
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.4 11.9 17.9



#72
Anthracene
Concen: 46.408 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:178 Resp: 466725
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.1 11.8 17.6





#73

Carbazole

Concen: 42.332 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

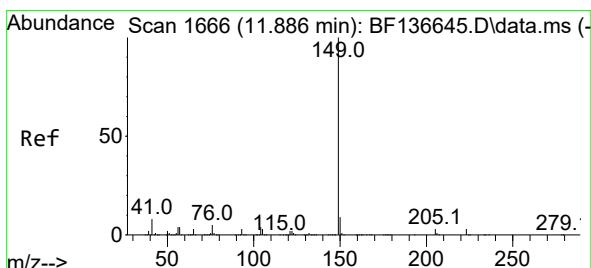
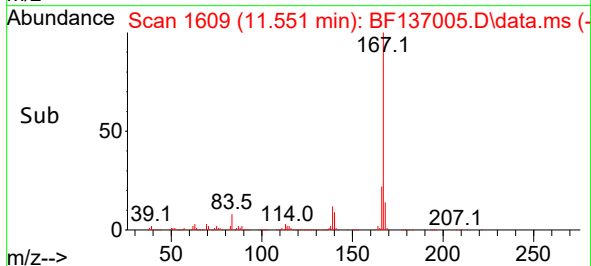
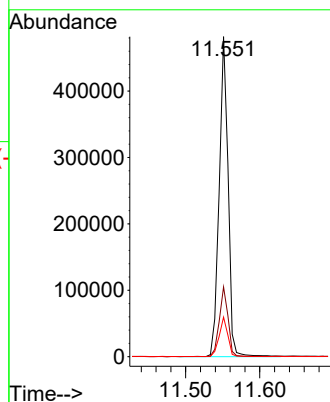
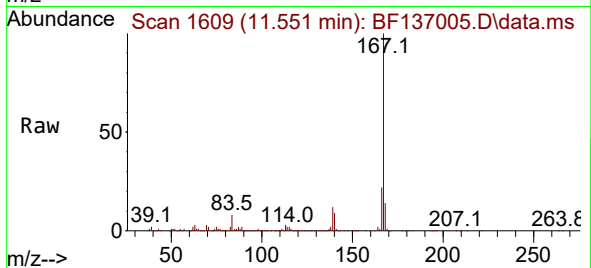
Tgt Ion:167 Resp: 401390

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 12.4 9.8 14.6



#74

Di-n-butylphthalate

Concen: 45.994 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

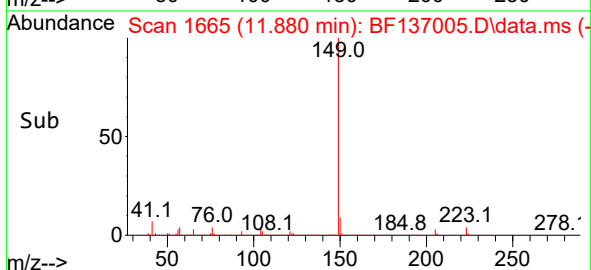
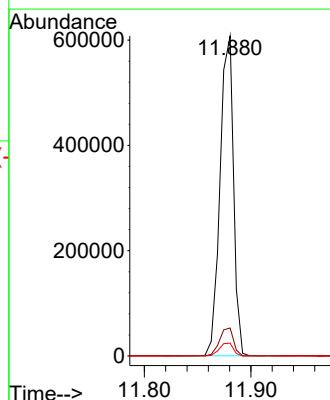
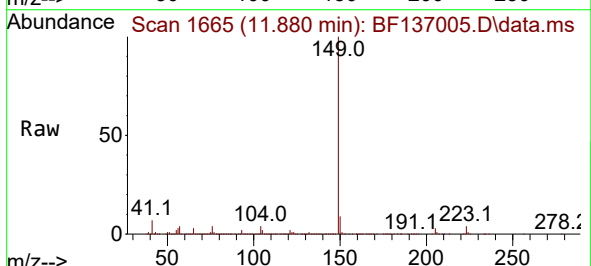
Tgt Ion:149 Resp: 532156

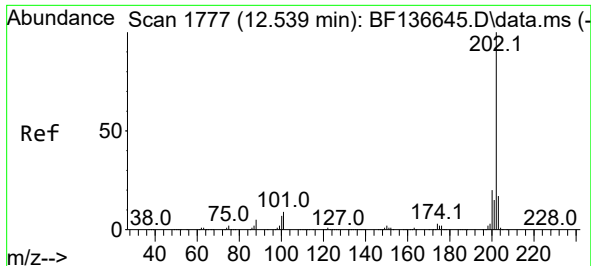
Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.2

104 4.0 3.6 5.4

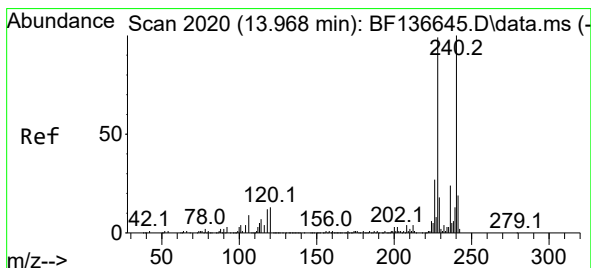
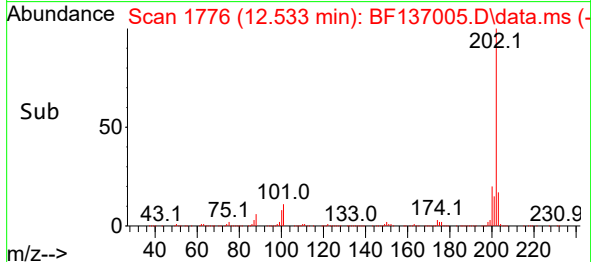
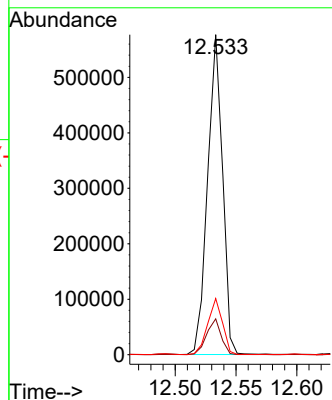
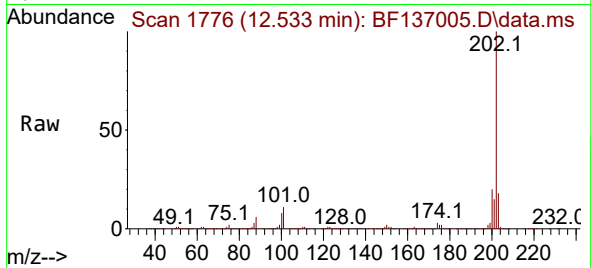




#75
Fluoranthene
Concen: 46.384 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

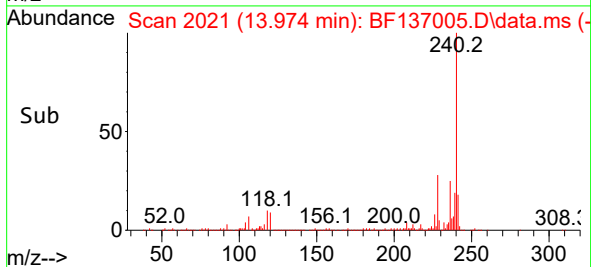
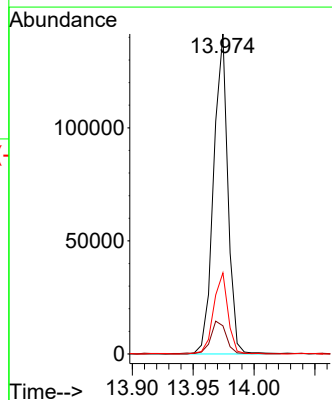
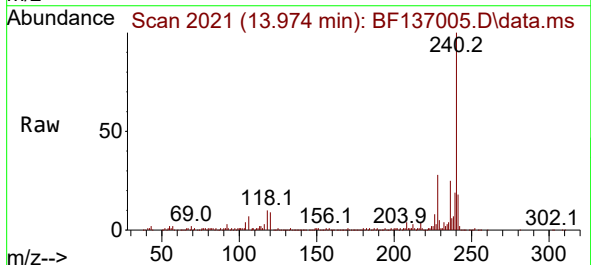
Instrument :
BNA_F
ClientSampleId :
340MSD

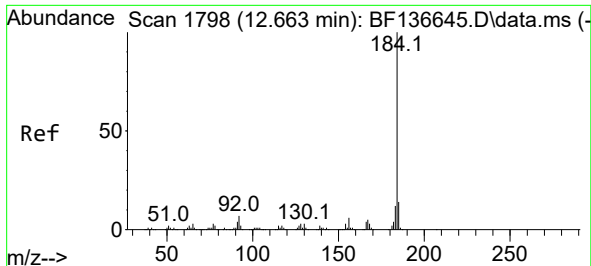
Tgt Ion:202 Resp: 492702
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.3
203 17.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:240 Resp: 115382
Ion Ratio Lower Upper
240 100
120 8.8 10.3 15.5#
236 25.3 19.4 29.2

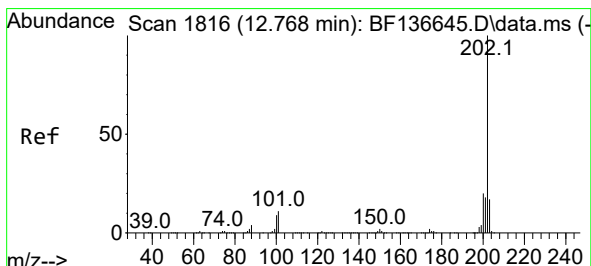
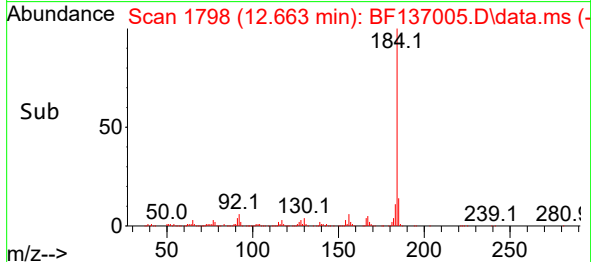
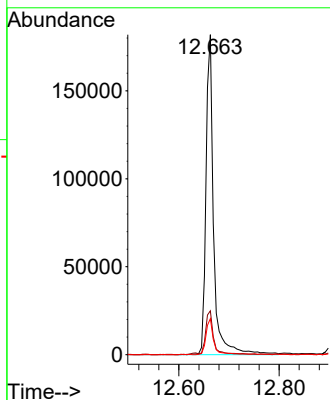
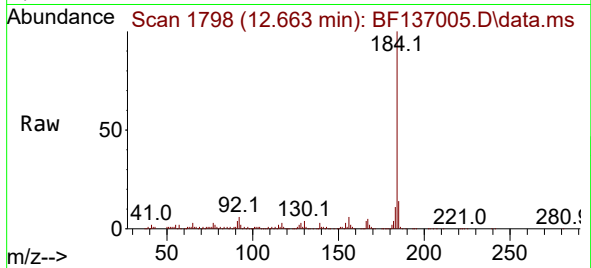




#77
Benzidine
Concen: 56.957 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

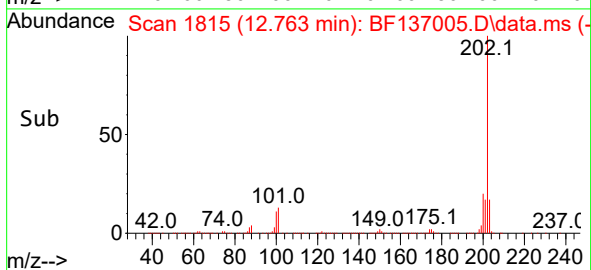
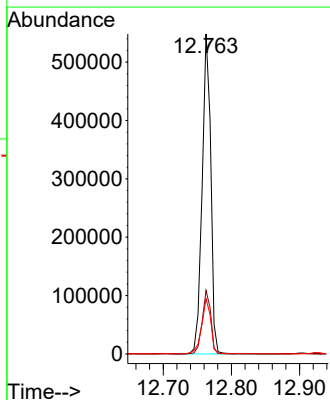
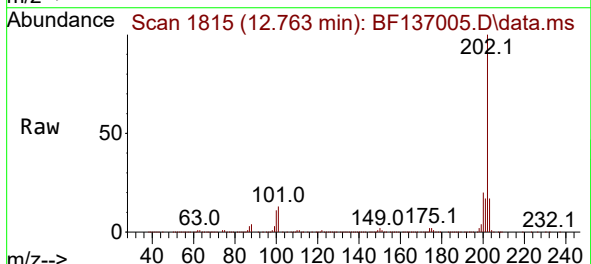
Instrument :
BNA_F
ClientSampleId :
340MSD

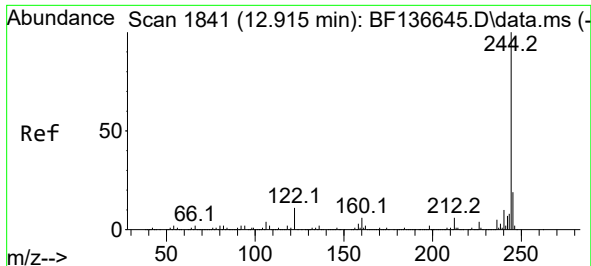
Tgt Ion:184 Resp: 193776
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 11.2 9.3 13.9



#78
Pyrene
Concen: 42.670 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

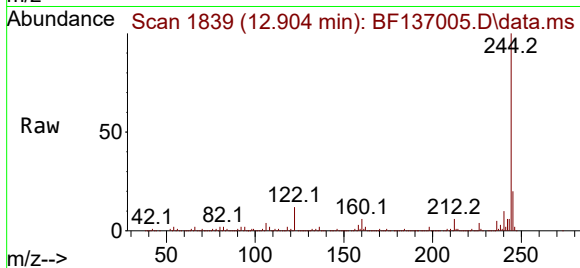
Tgt Ion:202 Resp: 483306
Ion Ratio Lower Upper
202 100
200 19.9 15.9 23.9
203 17.2 13.8 20.6



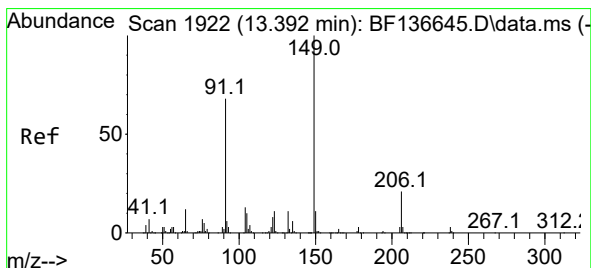
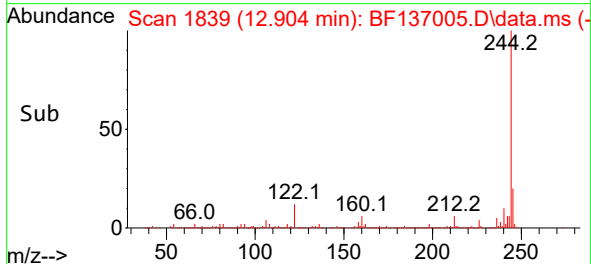
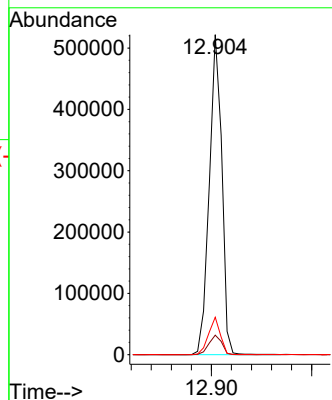


#79
 Terphenyl-d14
 Concen: 54.989 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137005.D
 Acq: 08 Jan 2024 20:35

Instrument :
 BNA_F
 ClientSampleId :
 340MSD

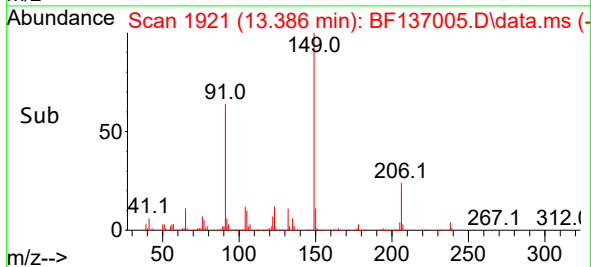
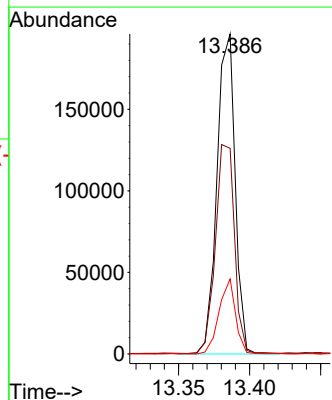
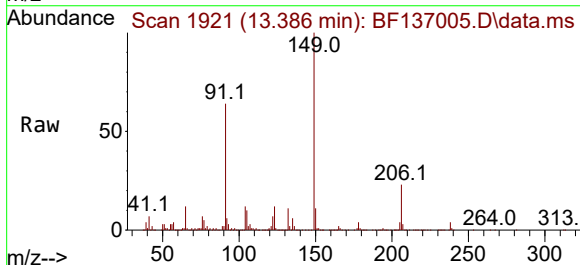


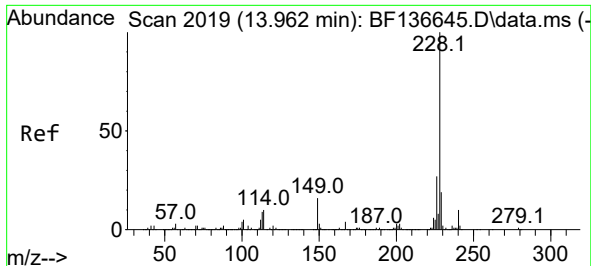
Tgt Ion:244 Resp: 454016
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 11.7 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 42.511 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF137005.D
 Acq: 08 Jan 2024 20:35

Tgt Ion:149 Resp: 175206
 Ion Ratio Lower Upper
 149 100
 91 64.2 54.1 81.1
 206 23.5 17.1 25.7

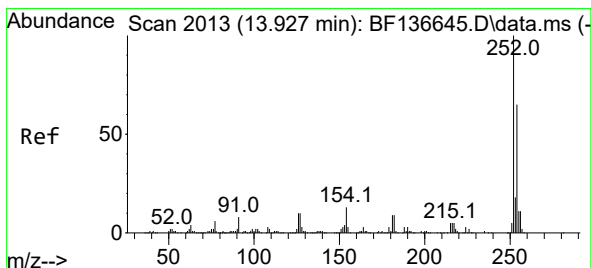
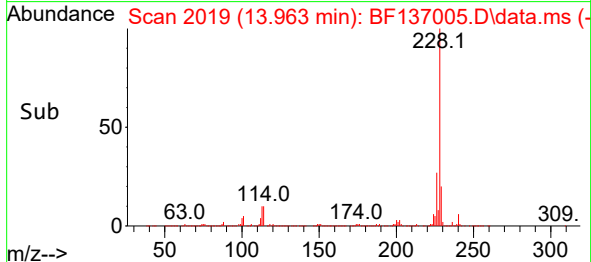
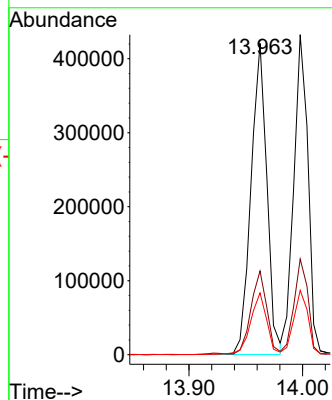
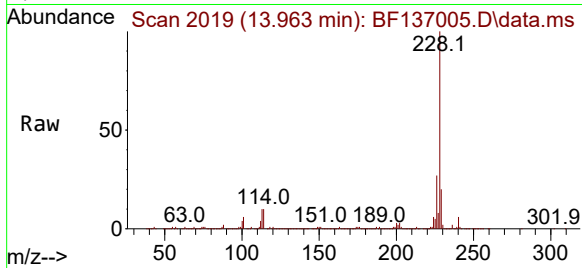




#81
Benzo(a)anthracene
Concen: 50.954 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

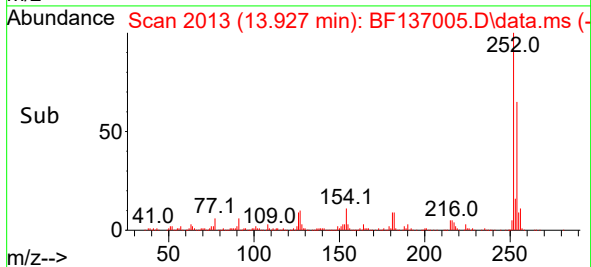
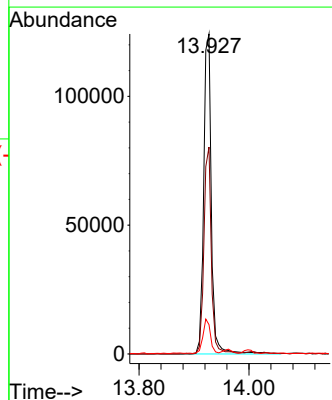
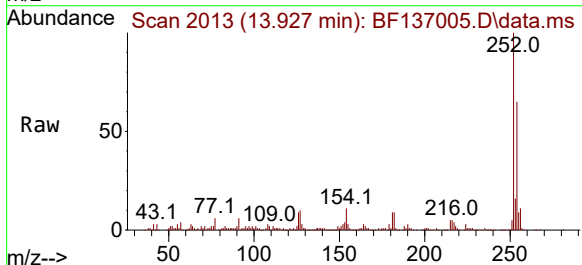
Instrument :
BNA_F
ClientSampleId :
340MSD

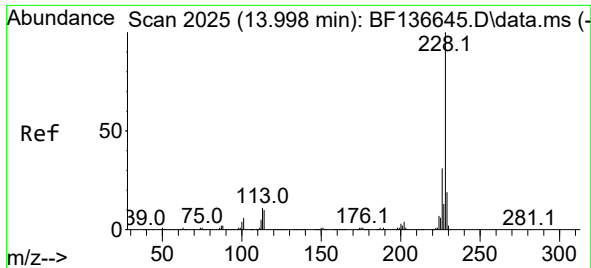
Tgt Ion:228 Resp: 408247
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.8 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 53.299 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137005.D
Acq: 08 Jan 2024 20:35

Tgt Ion:252 Resp: 121273
Ion Ratio Lower Upper
252 100
254 64.7 52.2 78.4
126 9.2 8.0 12.0





#83

Chrysene

Concen: 47.869 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

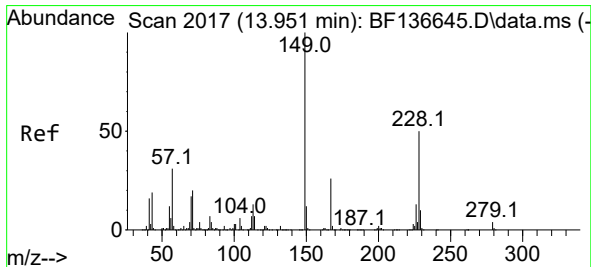
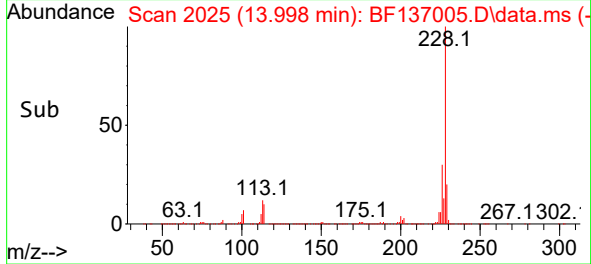
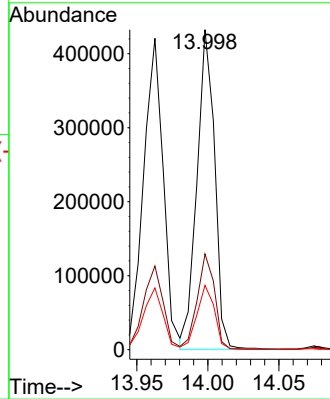
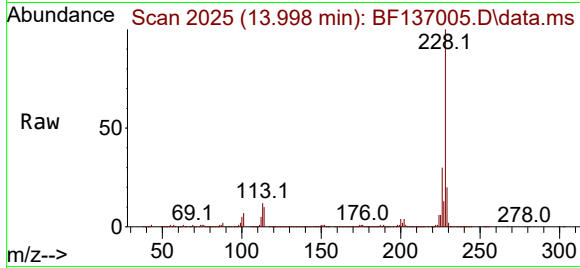
Tgt Ion:228 Resp: 375046

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

229 20.1 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.813 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

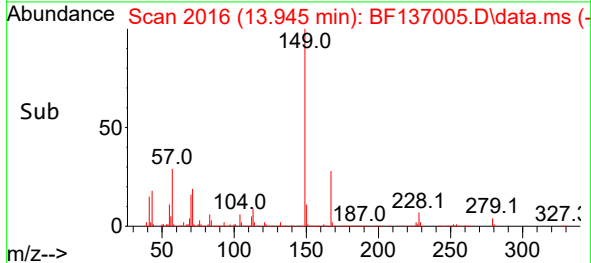
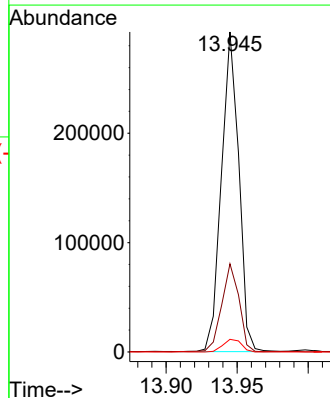
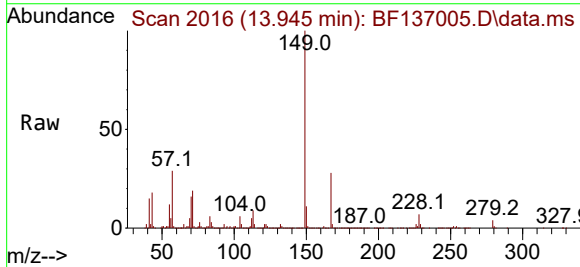
Tgt Ion:149 Resp: 247937

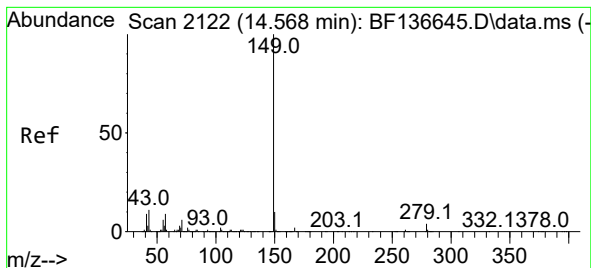
Ion Ratio Lower Upper

149 100

167 27.6 20.9 31.3

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 53.411 ng

RT: 14.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

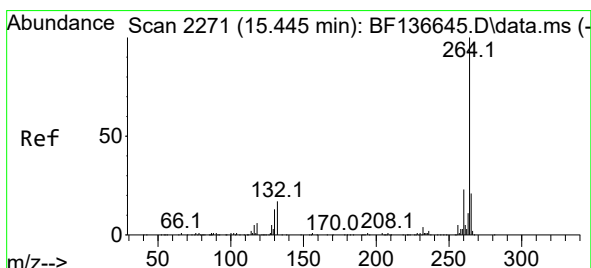
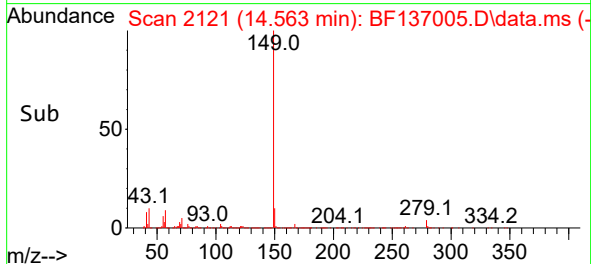
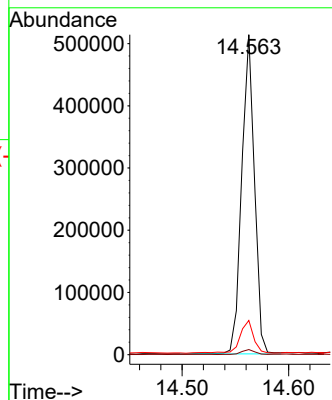
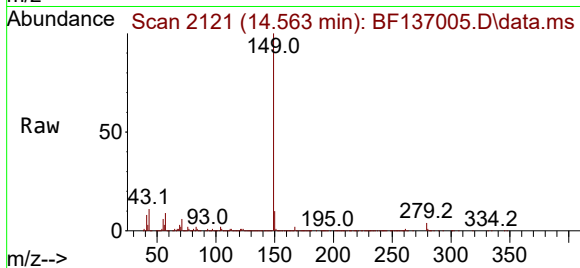
Tgt Ion:149 Resp: 428423

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.2 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

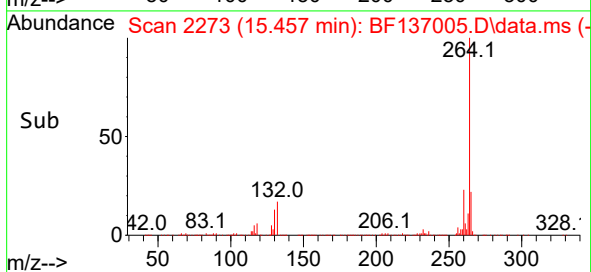
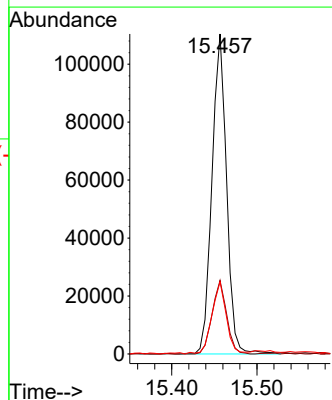
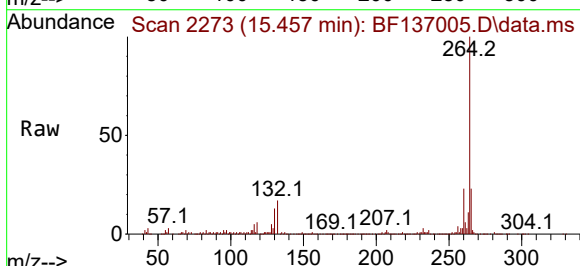
Tgt Ion:264 Resp: 131876

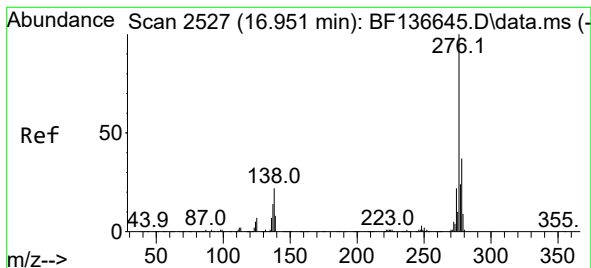
Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 22.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.094 ng

RT: 16.986 min Scan# 2199

Delta R.T. 0.035 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

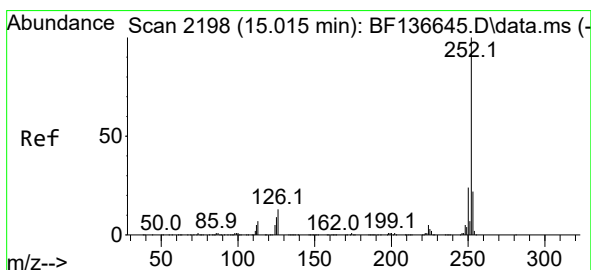
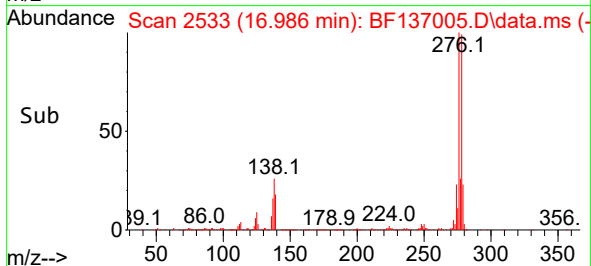
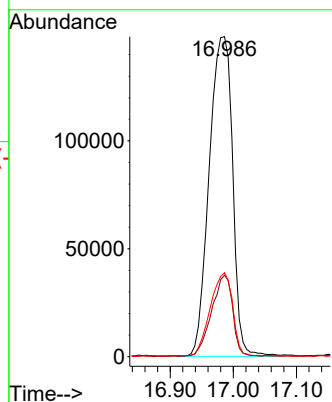
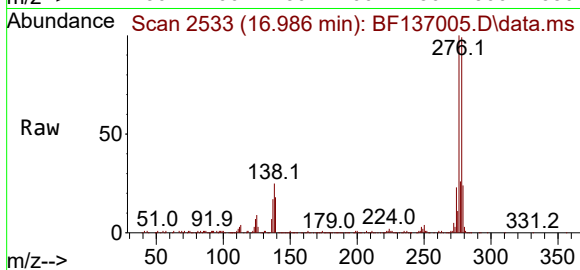
Tgt Ion:276 Resp: 381756

Ion Ratio Lower Upper

276 100

138 22.5 18.7 28.1

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.304 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

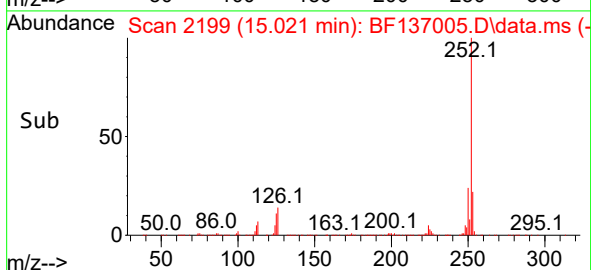
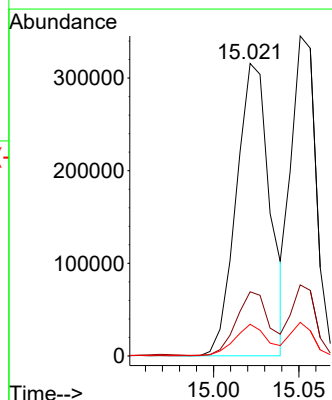
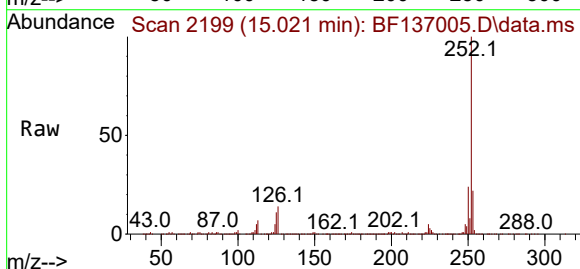
Tgt Ion:252 Resp: 434276

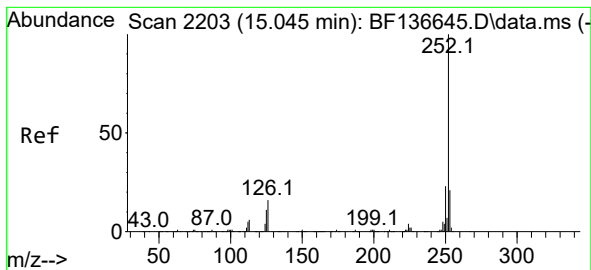
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.854 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

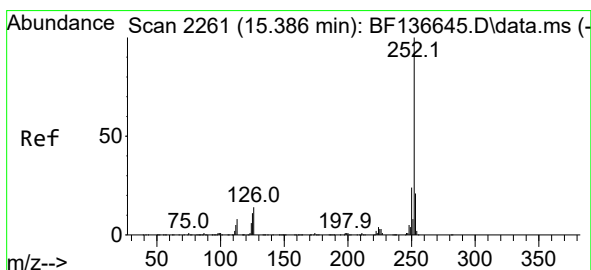
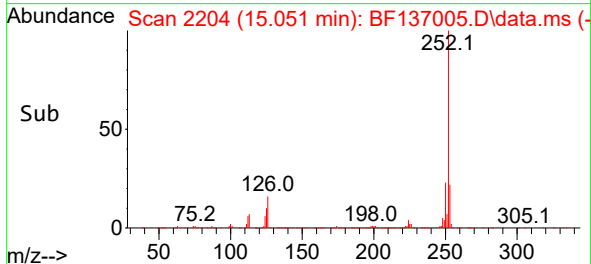
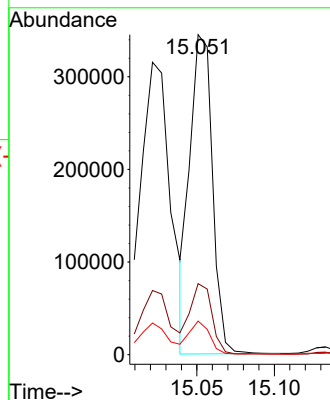
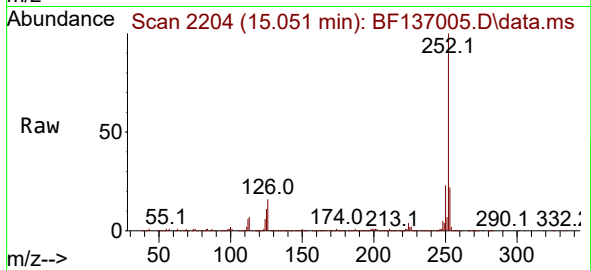
Tgt Ion:252 Resp: 348348

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 10.5 8.2 12.4



#90

Benzo(a)pyrene

Concen: 48.052 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

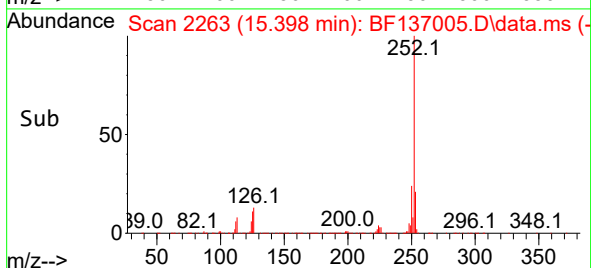
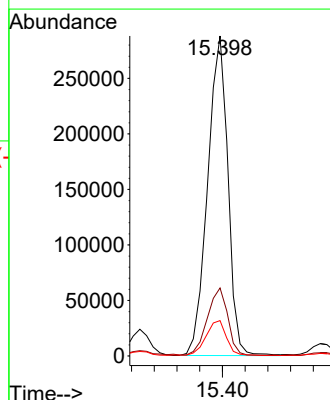
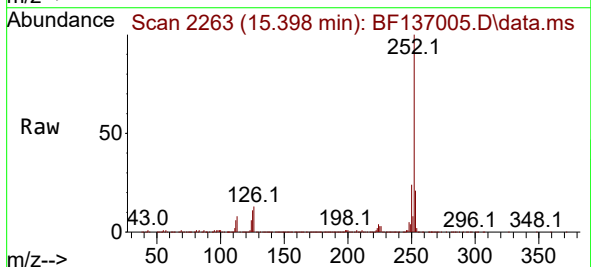
Tgt Ion:252 Resp: 357268

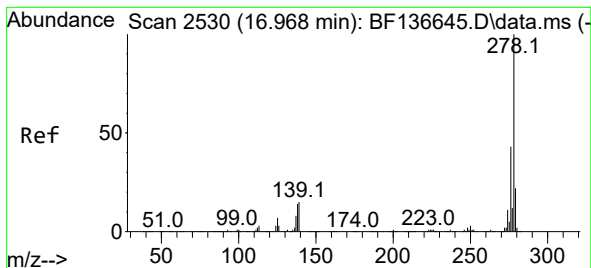
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 11.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 38.638 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Instrument :

BNA_F

ClientSampleId :

340MSD

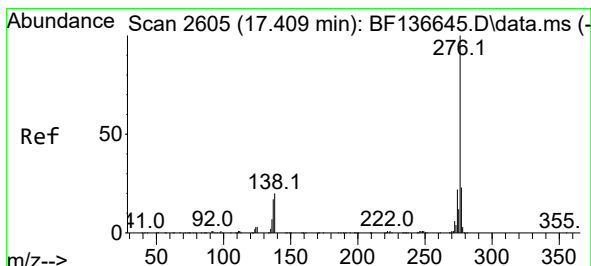
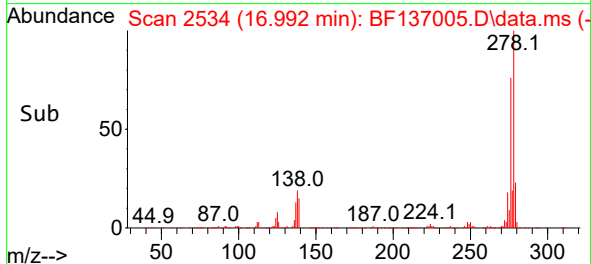
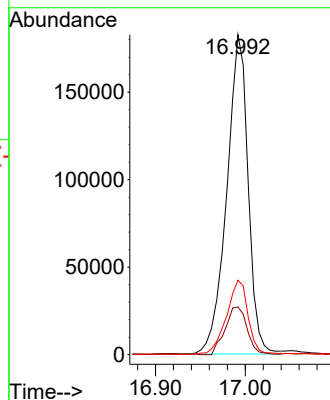
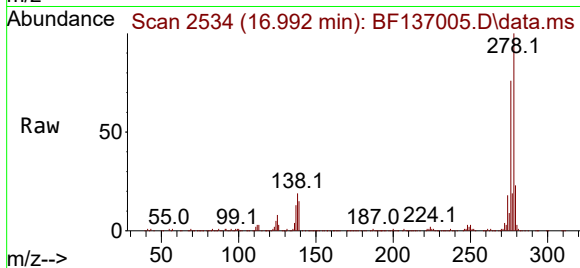
Tgt Ion:278 Resp: 301819

Ion Ratio Lower Upper

278 100

139 14.9 12.2 18.4

279 23.3 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 36.481 ng

RT: 17.439 min Scan# 2610

Delta R.T. 0.030 min

Lab File: BF137005.D

Acq: 08 Jan 2024 20:35

Tgt Ion:276 Resp: 291869

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 19.5 15.6 23.4

